

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067206.D
 Acq On : 09 Oct 2020 12:44
 Operator : VA/SY
 Sample : VD1009SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Quant Time: Oct 09 23:44:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	349766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	530008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	492260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	165996	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.91	113	176238	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.34	98	641200	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.64	95	230618	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	75186	24.138	ug/l	98
3) Chloromethane	2.21	50	52239	18.754	ug/l	89
4) Vinyl Chloride	2.35	62	53398	19.119	ug/l	97
5) Bromomethane	2.76	94	40301	19.767	ug/l	95
6) Chloroethane	2.92	64	32133	18.892	ug/l	100
7) Trichlorofluoromethane	3.27	101	133605	21.531	ug/l	100
8) Diethyl Ether	3.71	74	29164	18.953	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	70664	20.147	ug/l	97
10) Methyl Iodide	4.30	142	59401	17.430	ug/l	96
11) Tert butyl alcohol	5.22	59	26280	104.903	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	63390	19.226	ug/l	92
13) Acrolein	3.92	56	15677	69.496	ug/l	99
14) Allyl chloride	4.71	41	70394	16.435	ug/l	88
15) Acrylonitrile	5.41	53	49675	87.712	ug/l	96
16) Acetone	4.16	43	49789	96.815	ug/l	100
17) Carbon Disulfide	4.41	76	181816	17.968	ug/l	99
18) Methyl Acetate	4.72	43	22431	17.354	ug/l #	89
19) Methyl tert-butyl Ether	5.47	73	119055	19.780	ug/l	99
20) Methylene Chloride	4.96	84	81957	17.768	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	73426	19.568	ug/l	94
22) Diisopropyl ether	6.36	45	141878	18.144	ug/l	97
23) Vinyl Acetate	6.30	43	378344	85.382	ug/l	98
24) 1,1-Dichloroethane	6.26	63	112874	18.704	ug/l	98
25) 2-Butanone	7.21	43	60745	83.313	ug/l	96
26) 2,2-Dichloropropane	7.21	77	116259	20.059	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	78114	19.492	ug/l	99
28) Bromochloromethane	7.54	49	37681	16.168	ug/l	87
29) Tetrahydrofuran	7.57	42	32724	78.056	ug/l	89
30) Chloroform	7.71	83	135340	20.673	ug/l	96
31) Cyclohexane	7.98	56	88855	17.562	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	132753	21.881	ug/l	96
36) 1,1-Dichloropropene	8.11	75	97981	19.833	ug/l	95
37) Ethyl Acetate	7.29	43	31633	18.483	ug/l	98
38) Carbon Tetrachloride	8.10	117	122482	22.914	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	102808	19.683	ug/l	95
40) Benzene	8.35	78	270139	19.687	ug/l	97
41) Methacrylonitrile	7.52	41	15298	16.546	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	80804	21.074	ug/l	96
43) Isopropyl Acetate	8.46	43	55521	17.610	ug/l	94
44) Trichloroethene	9.11	130	88148	21.513	ug/l	98
45) 1,2-Dichloropropane	9.39	63	61652	19.122	ug/l	98
46) Dibromomethane	9.48	93	36201	19.536	ug/l	90
47) Bromodichloromethane	9.66	83	101748	21.123	ug/l	94
48) Methyl methacrylate	9.46	41	27158	16.814	ug/l #	77
49) 1,4-Dioxane	9.47	88	7408	383.039	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	140444	89.431	ug/l	99
52) Toluene	10.40	92	191745	21.692	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	89571	20.806	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	104139	19.810	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	54297	21.075	ug/l	93
56) Ethyl methacrylate	10.65	69	54227	20.387	ug/l	93
57) 1,3-Dichloropropane	10.95	76	84008	20.108	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	133813	90.387	ug/l	94
59) 2-Hexanone	10.98	43	95098	90.728	ug/l	97
60) Dibromochloromethane	11.14	129	74780	21.778	ug/l	96
61) 1,2-Dibromoethane	11.25	107	51498	20.806	ug/l	97
64) Tetrachloroethene	10.88	164	78024	21.802	ug/l	88
65) Chlorobenzene	11.67	112	207089	21.152	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	83060	22.303	ug/l	95
67) Ethyl Benzene	11.75	91	359701	21.443	ug/l	99
68) m/p-Xylenes	11.85	106	278148	42.547	ug/l	96
69) o-Xylene	12.18	106	123759	21.170	ug/l	92
70) Styrene	12.20	104	220612	21.976	ug/l	98
71) Bromoform	12.36	173	43638	22.574	ug/l #	93
73) Isopropylbenzene	12.48	105	352264	20.738	ug/l	99
74) N-amyl acetate	12.29	43	51140	16.748	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.73	83	49919	17.442	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	70618	32.409	ug/l #	100
77) Bromobenzene	12.77	156	87913	21.434	ug/l	90
78) n-propylbenzene	12.83	91	417751	20.810	ug/l	98
79) 2-Chlorotoluene	12.91	91	234660	20.431	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	306667	21.369	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	15781	18.056	ug/l	97
82) 4-Chlorotoluene	13.01	91	253706	20.761	ug/l	98
83) tert-Butylbenzene	13.23	119	256413	21.217	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	305165	21.307	ug/l	100
85) sec-Butylbenzene	13.41	105	354968	20.857	ug/l	100
86) p-Isopropyltoluene	13.52	119	332398	21.066	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	166040	20.783	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	163894	20.517	ug/l	99
89) n-Butylbenzene	13.85	91	296717	20.576	ug/l	98
90) Hexachloroethane	14.12	117	58467	21.154	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	143364	20.548	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8321	18.037	ug/l	92

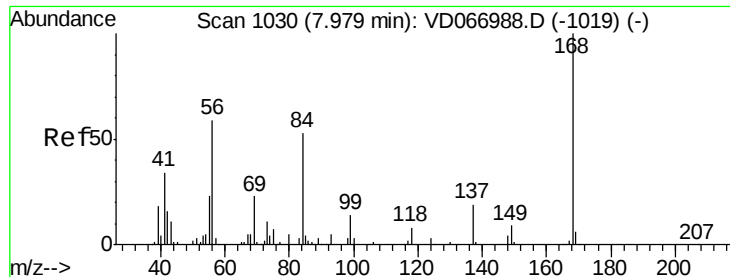
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	96286	21.335	ug/l	99
94) Hexachlorobutadiene	15.28	225	60615	21.870	ug/l	99
95) Naphthalene	15.41	128	148525	19.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	82675	21.103	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

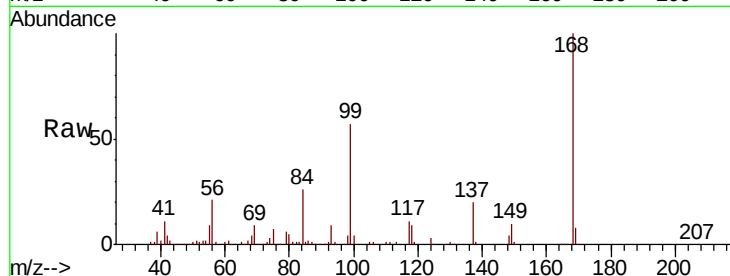
VD1009SBS01

Tot Ion:168 Resp: 349766

Ion Ratio Lower Upper

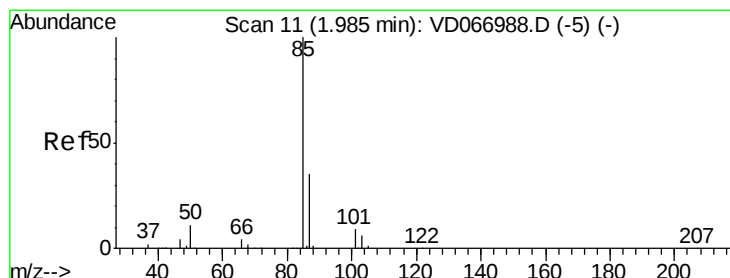
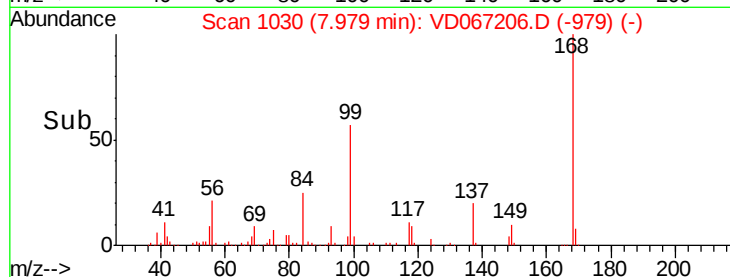
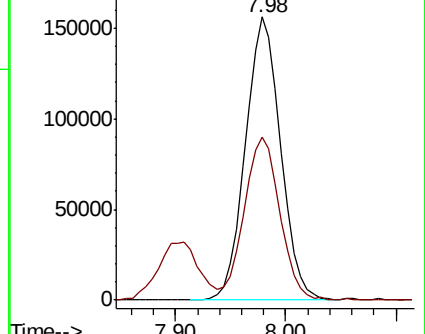
168 100

99 57.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 24.138 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD067206.D

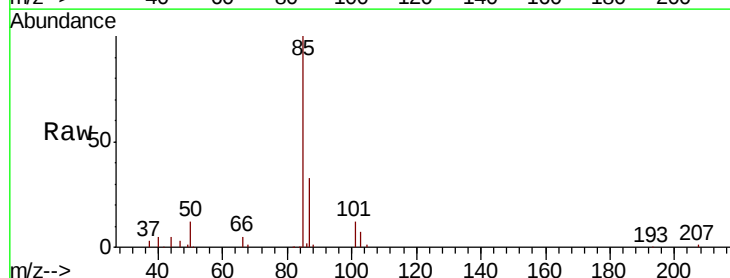
Acq: 09 Oct 2020 12:44

Tgt Ion: 85 Resp: 75186

Ion Ratio Lower Upper

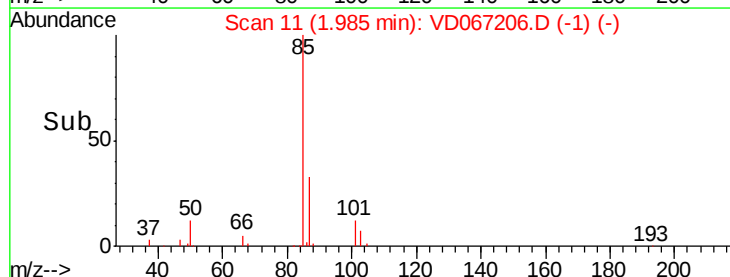
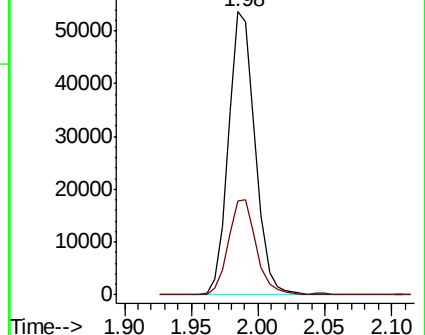
85 100

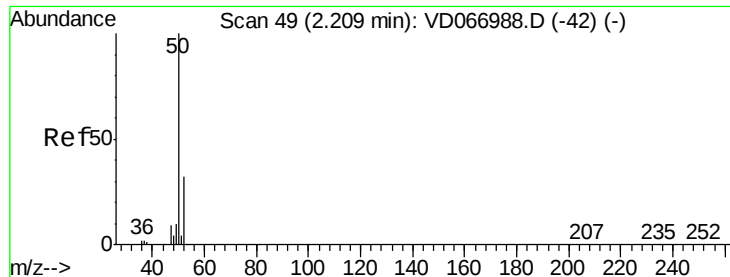
87 33.3 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.754 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

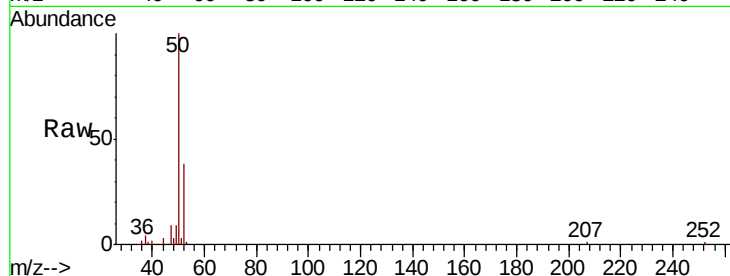
VD1009SBS01

Tot Ion: 50 Resp: 52239

Ion Ratio Lower Upper

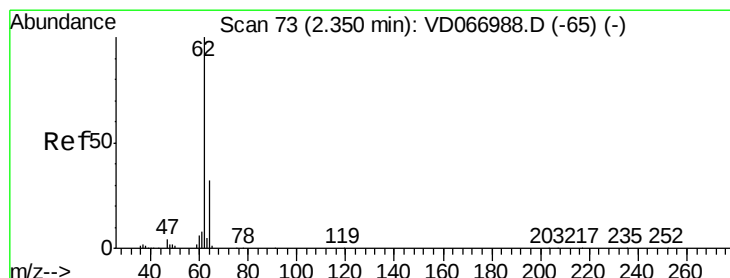
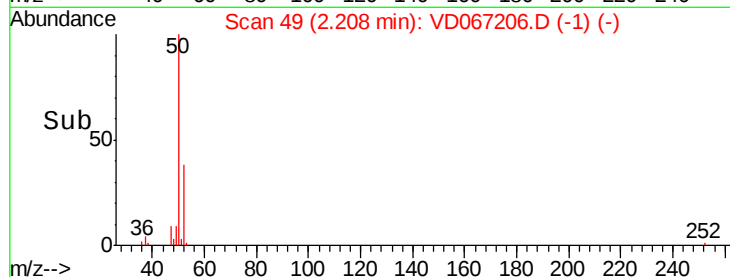
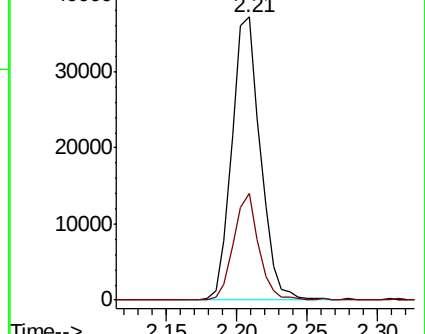
50 100

52 37.6 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.119 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067206.D

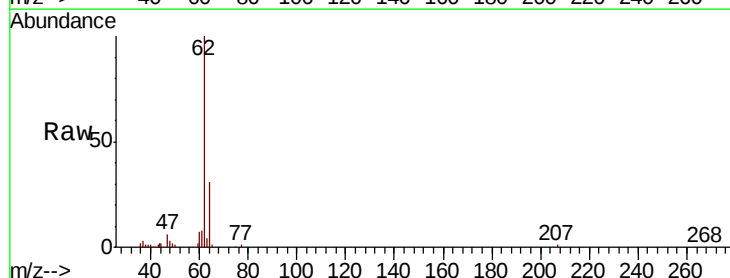
Acq: 09 Oct 2020 12:44

Tgt Ion: 62 Resp: 53398

Ion Ratio Lower Upper

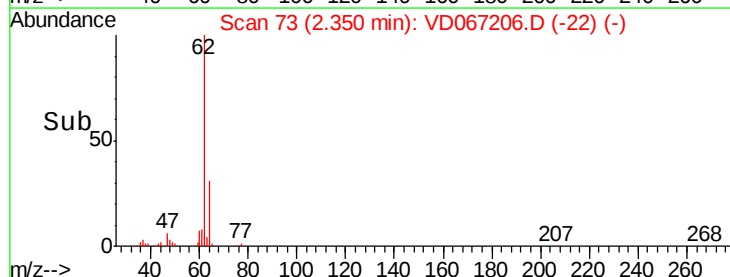
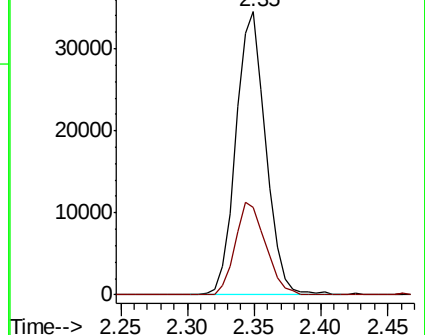
62 100

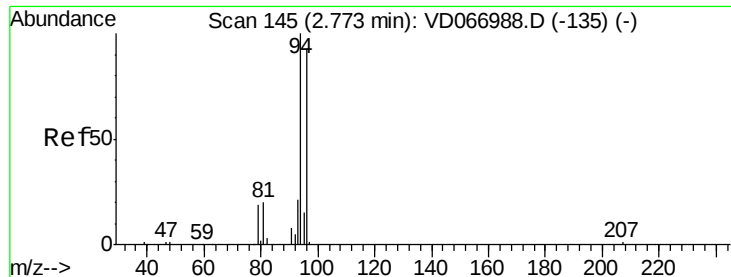
64 30.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.767 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

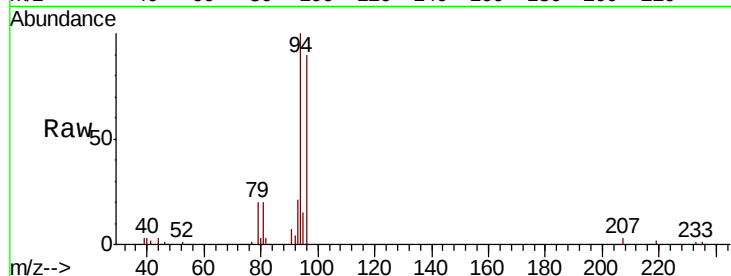
VD1009SBS01

Tot Ion: 94 Resp: 40301

Ion Ratio Lower Upper

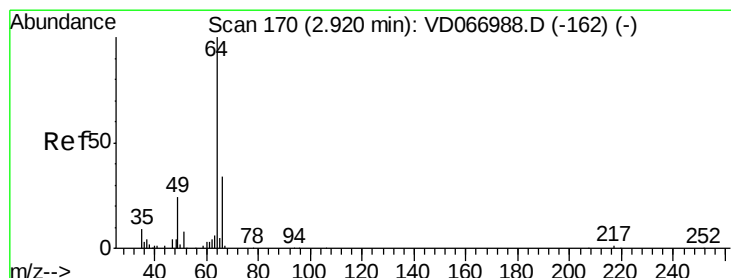
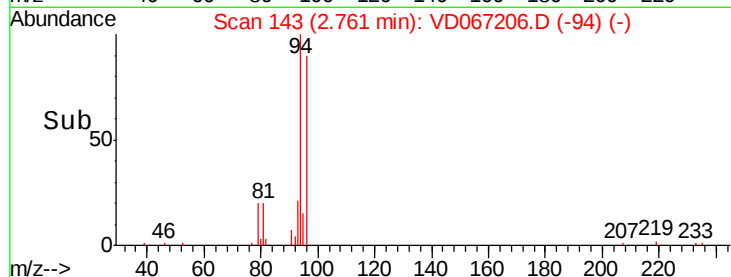
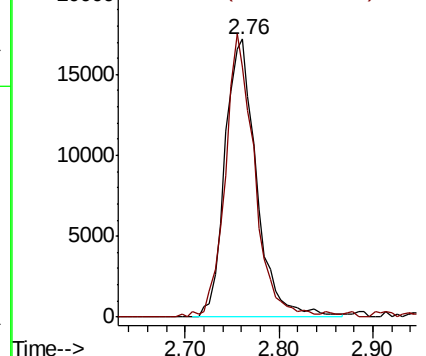
94 100

96 88.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 18.892 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD067206.D

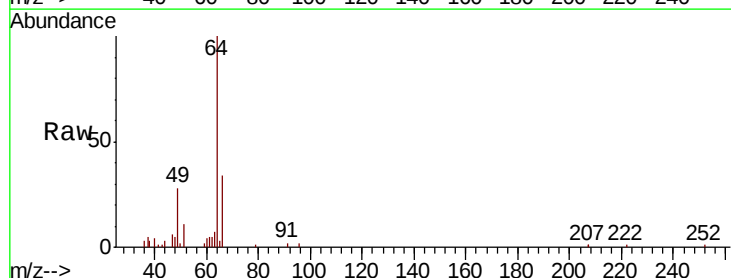
Acq: 09 Oct 2020 12:44

Tgt Ion: 64 Resp: 32133

Ion Ratio Lower Upper

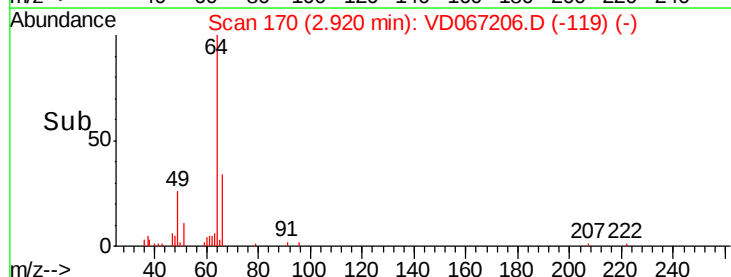
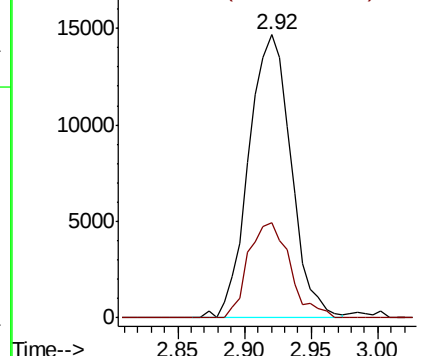
64 100

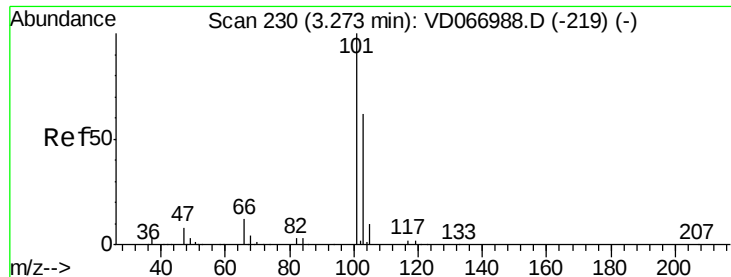
66 33.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 21.531 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

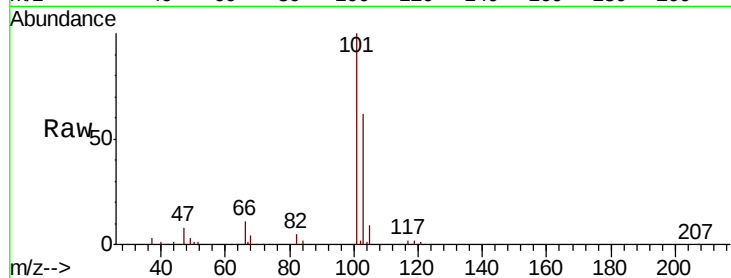
VD1009SBS01

Tot Ion:101 Resp: 133605

Ion Ratio Lower Upper

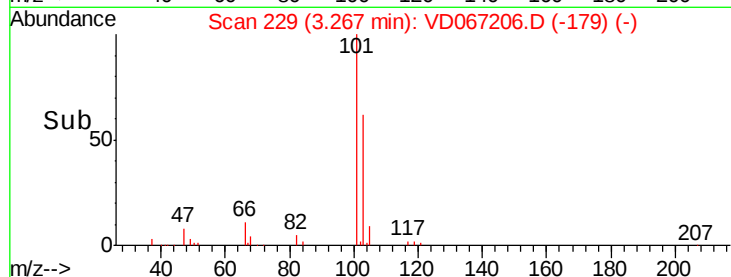
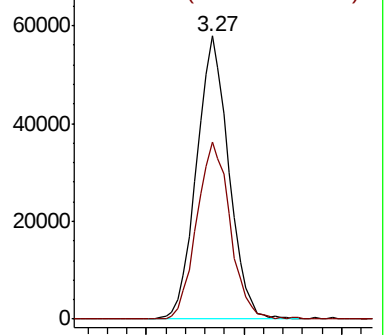
101 100

103 62.4 49.8 74.8

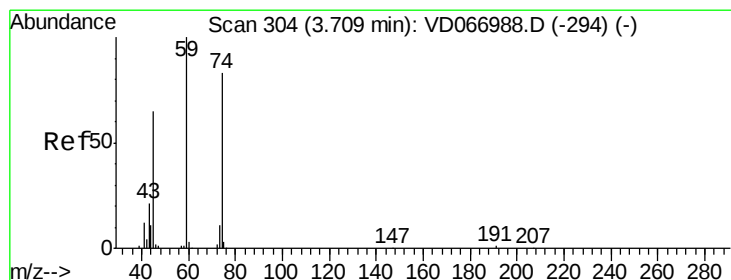


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 18.953 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD067206.D

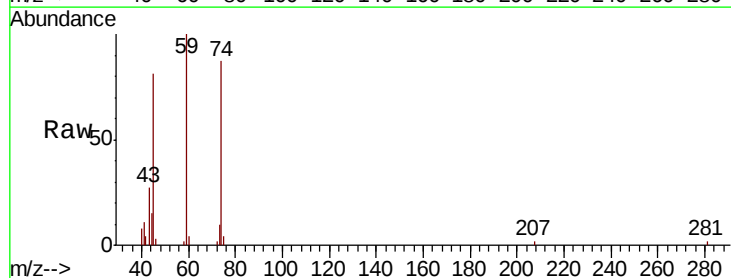
Acq: 09 Oct 2020 12:44

Tgt Ion: 74 Resp: 29164

Ion Ratio Lower Upper

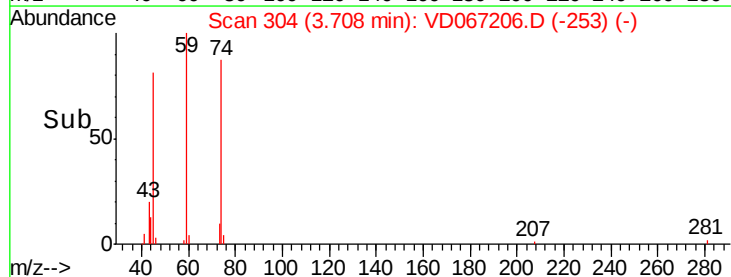
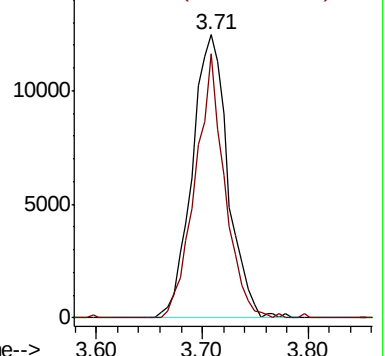
74 100

45 77.0 43.1 129.3

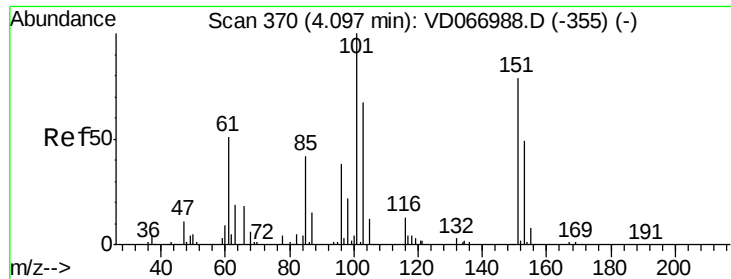


Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.147 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067206.D

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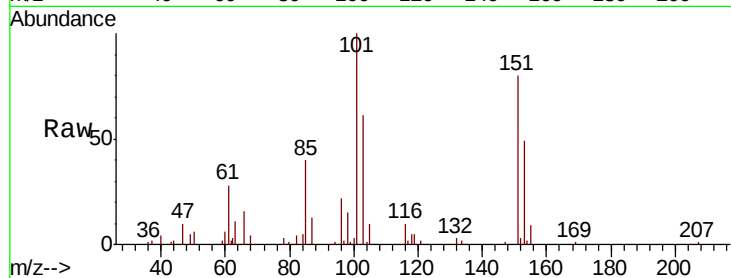
Tot Ion:101 Resp: 70664

Ion Ratio Lower Upper

101 100

85 41.8 33.8 50.8

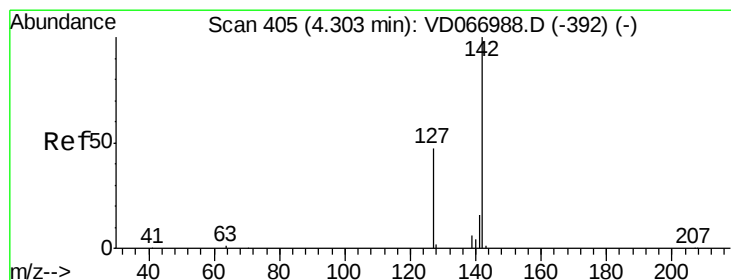
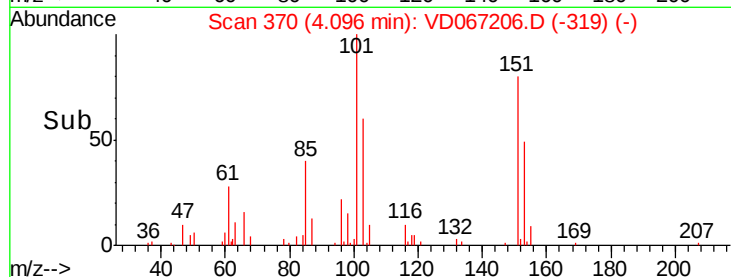
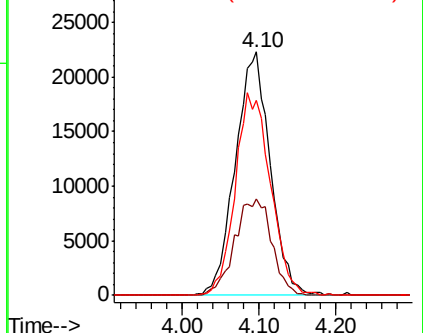
151 83.8 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.430 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

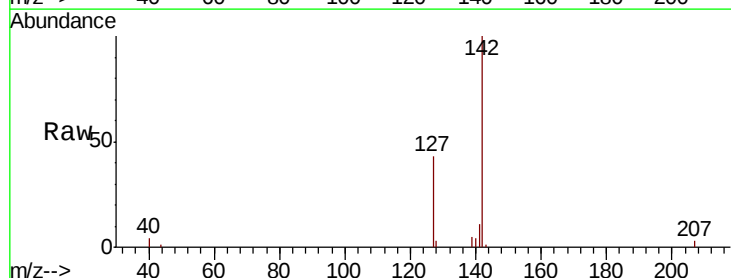
Tgt Ion:142 Resp: 59401

Ion Ratio Lower Upper

142 100

127 48.3 36.3 54.5

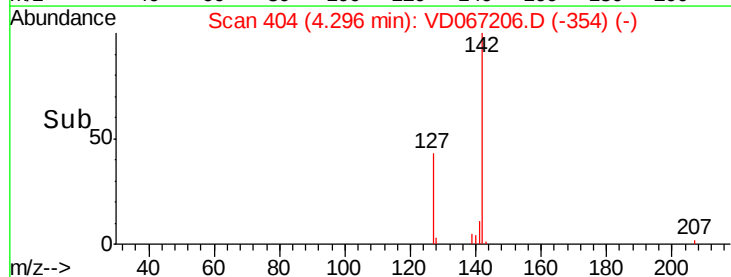
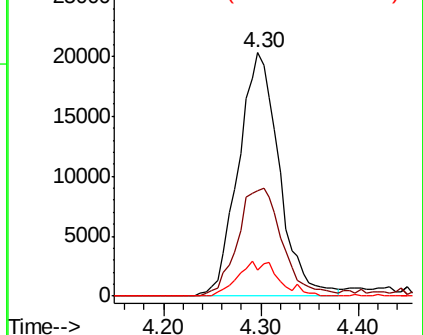
141 14.3 12.0 18.0

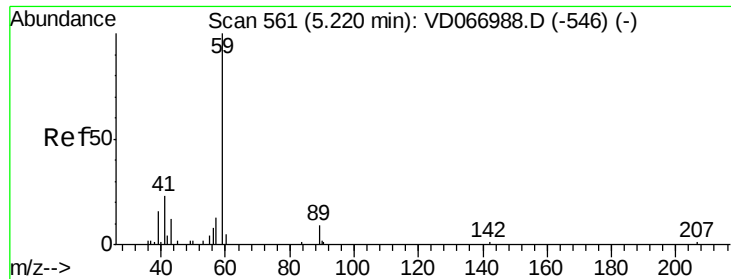


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



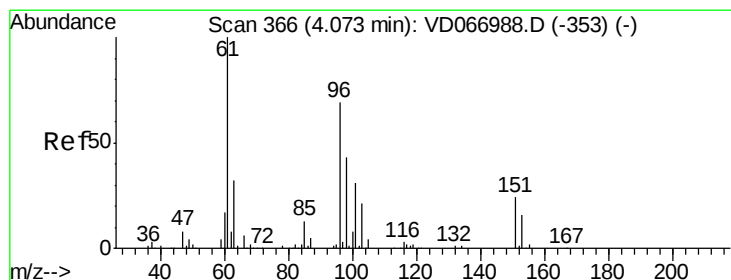
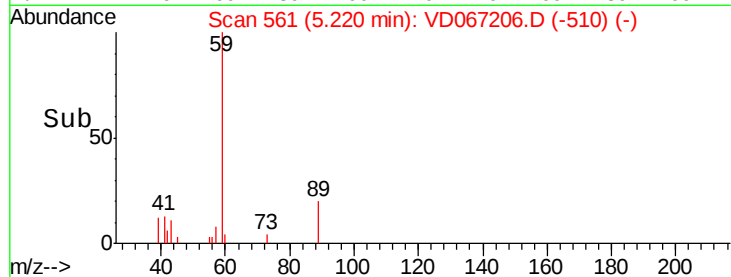
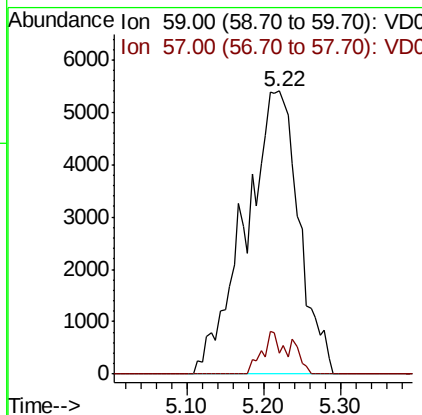
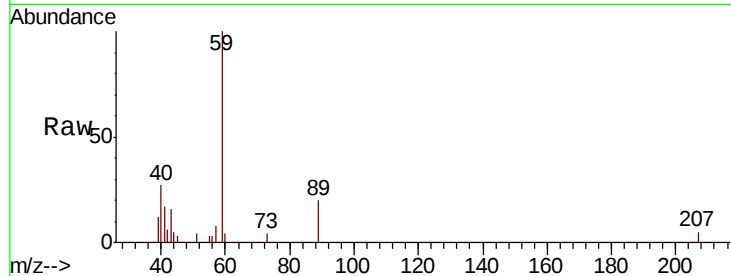


#11

Tert butyl alcohol
 Concen: 104.903 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

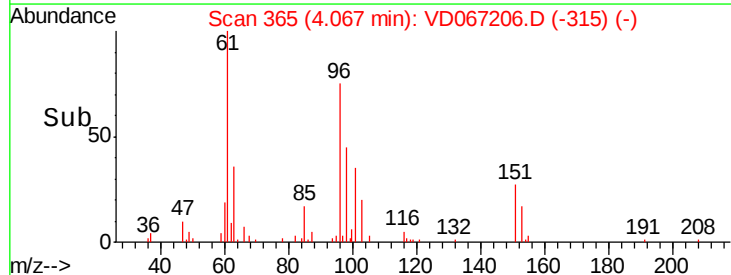
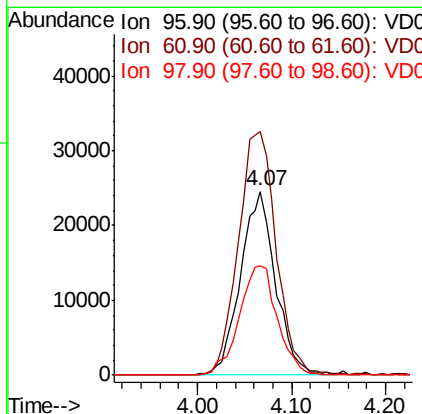
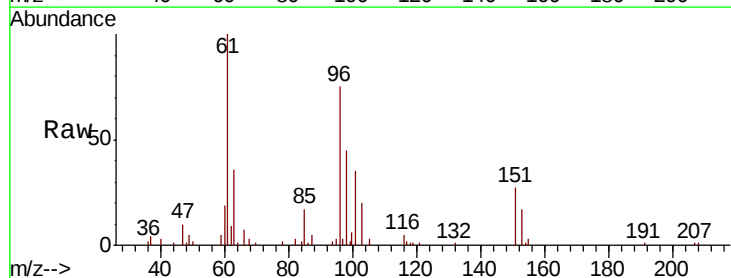
Tot Ion: 59 Resp: 26280
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.2 12.4#

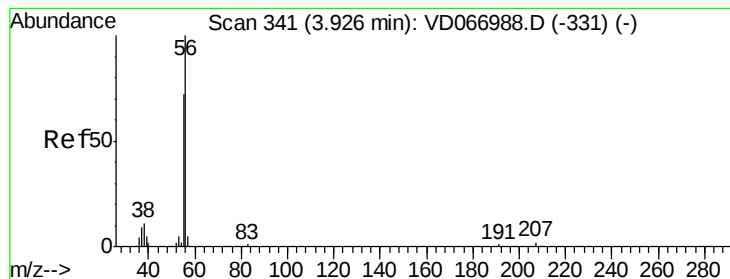


#12

1,1-Dichloroethene
 Concen: 19.226 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion: 96 Resp: 63390
 Ion Ratio Lower Upper
 96 100
 61 132.6 116.4 174.6
 98 59.6 49.9 74.9





#13

Acrolein

Concen: 69.496 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

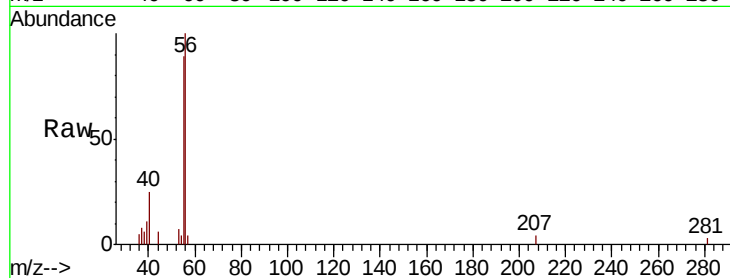
VD1009SBS01

Tot Ion: 56 Resp: 15677

Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

6000

5000

4000

3000

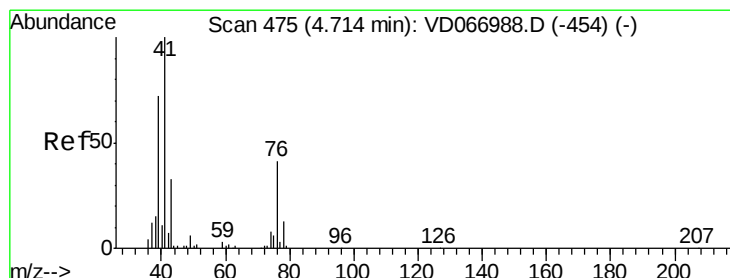
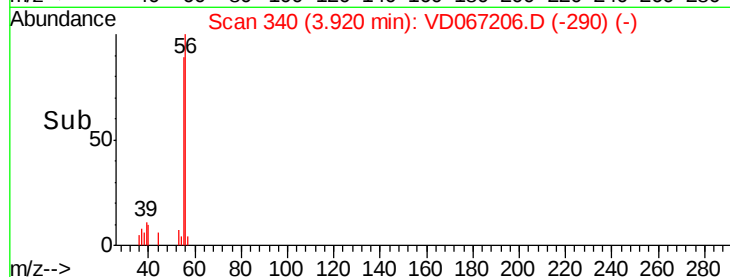
2000

1000

0

Time-->

3.85 3.90 3.95 4.00



#14

Allyl chloride

Concen: 16.435 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

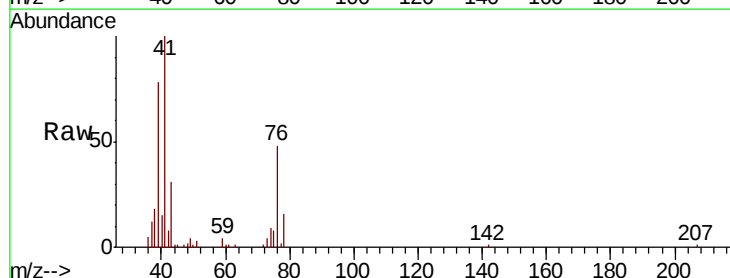
Tgt Ion: 41 Resp: 70394

Ion Ratio Lower Upper

41 100

39 79.6 56.2 84.2

76 50.4 34.2 51.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

30000

25000

20000

15000

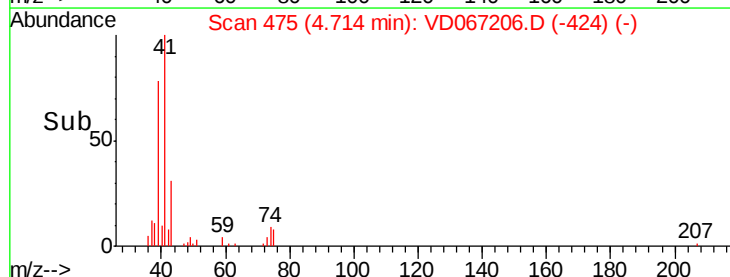
10000

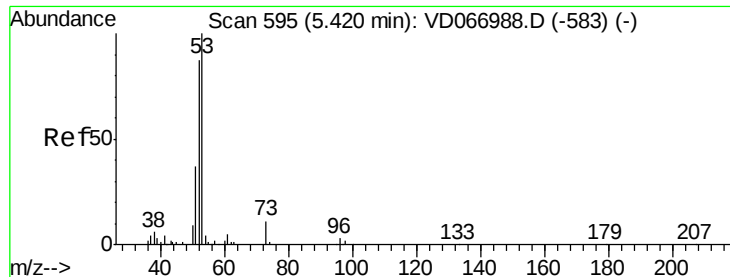
5000

0

Time-->

4.60 4.70 4.80





#15

Acrylonitrile

Concen: 87.712 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

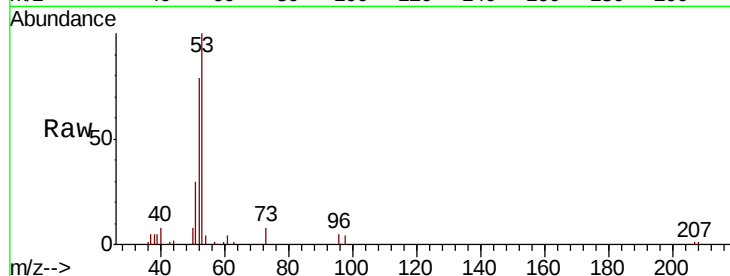
Tot Ion: 53 Resp: 49675

Ion Ratio Lower Upper

53 100

52 79.7 67.3 100.9

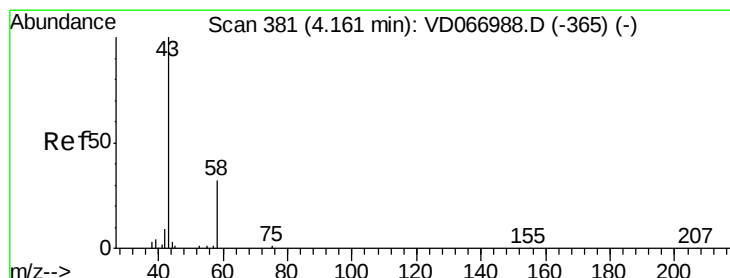
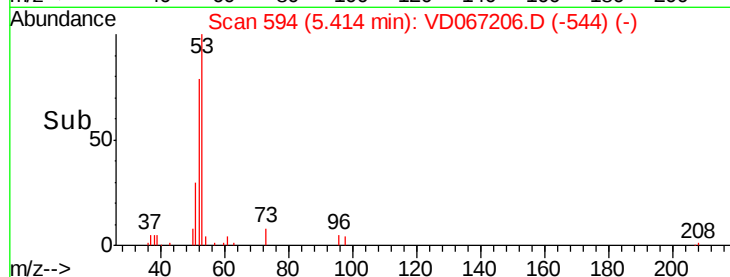
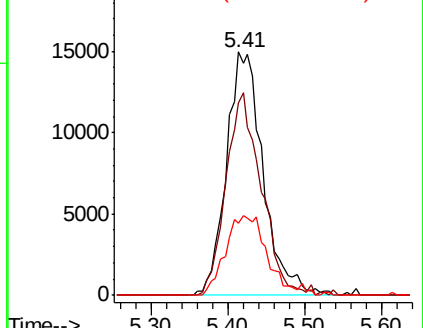
51 36.5 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 96.815 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067206.D

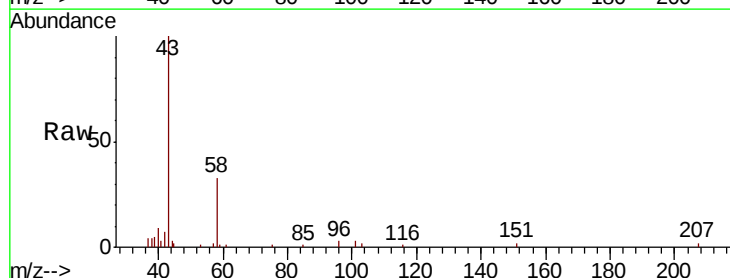
Acq: 09 Oct 2020 12:44

Tgt Ion: 43 Resp: 49789

Ion Ratio Lower Upper

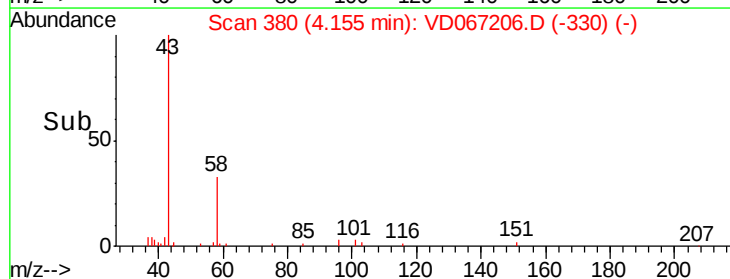
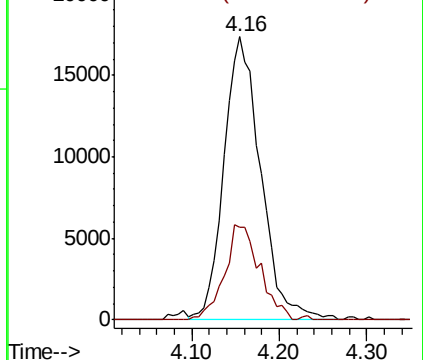
43 100

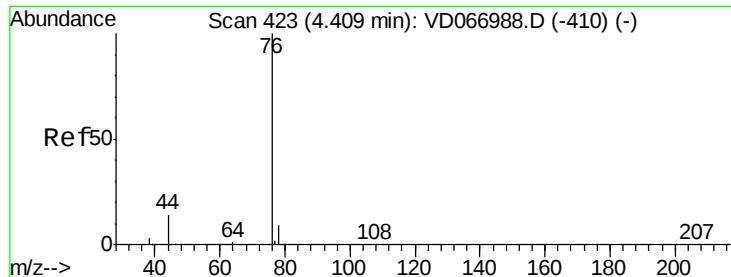
58 32.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

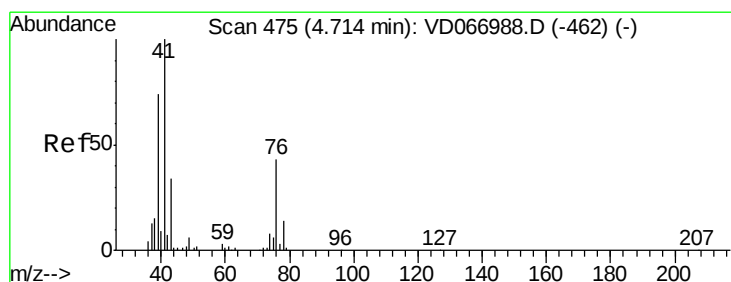
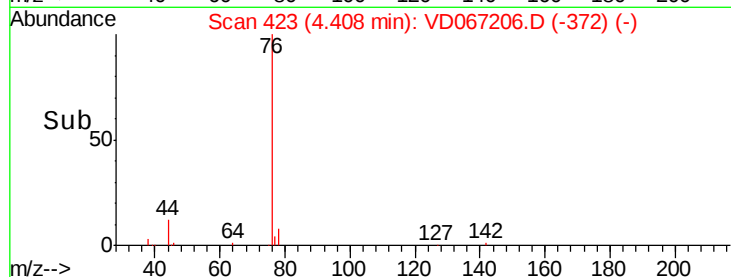
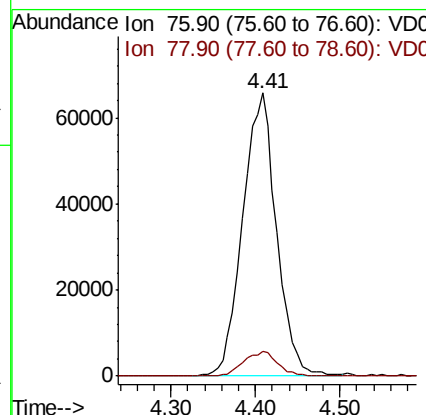
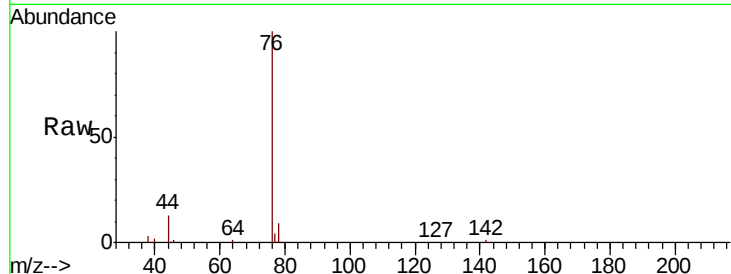




#17
Carbon Disulfide
Concen: 17.968 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

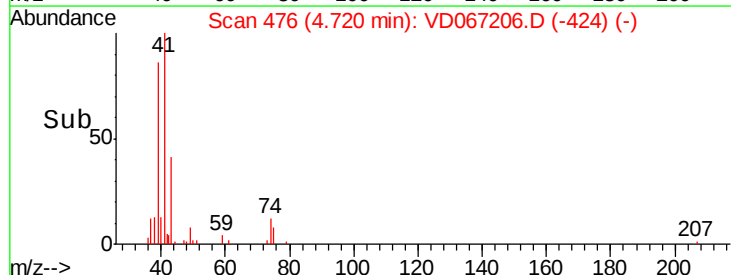
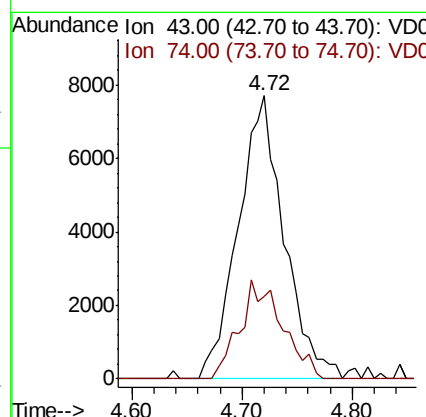
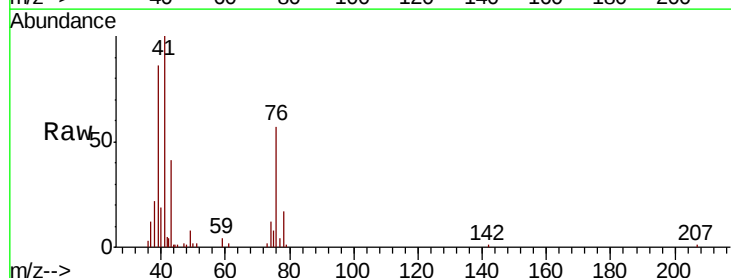
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

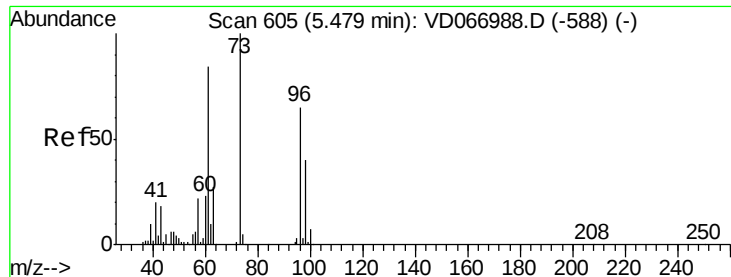
Tot Ion: 76 Resp: 181816
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 17.354 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 43 Resp: 22431
Ion Ratio Lower Upper
43 100
74 32.6 21.5 32.3#

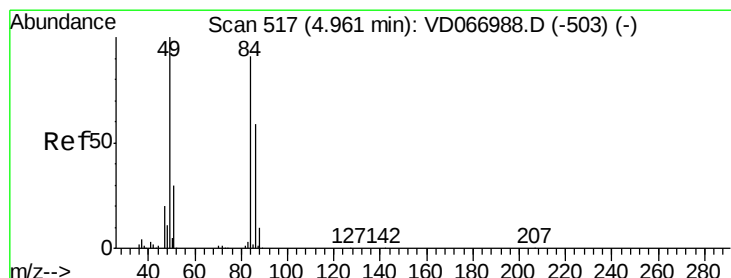
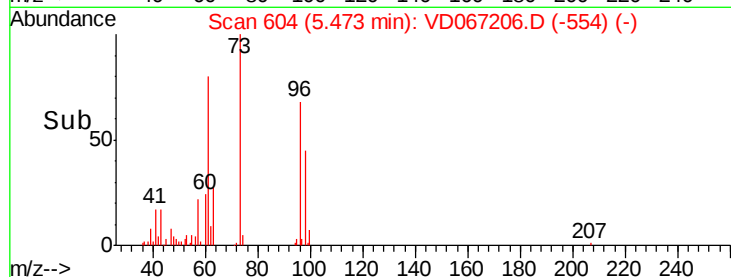
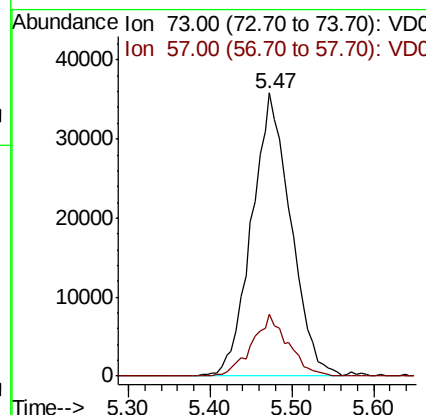
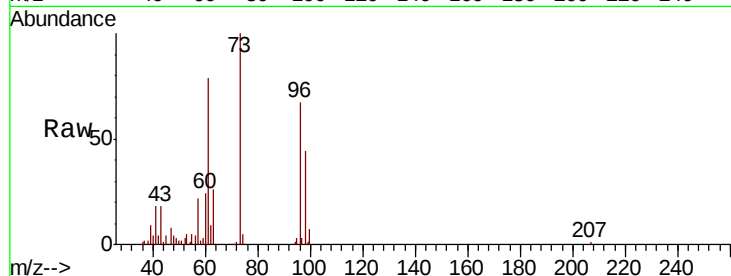




#19
Methyl tert-butyl Ether
Concen: 19.780 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

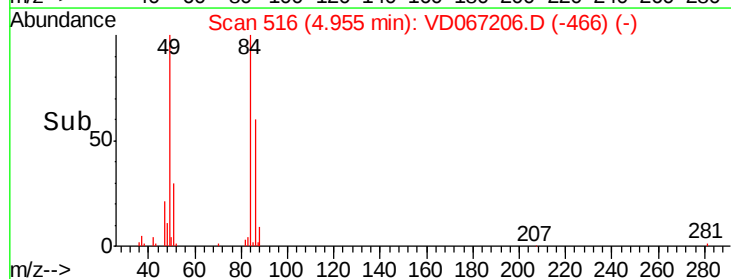
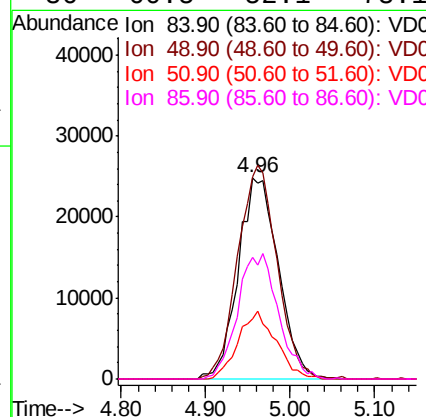
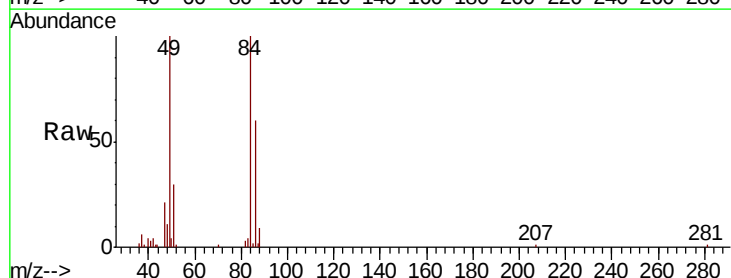
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

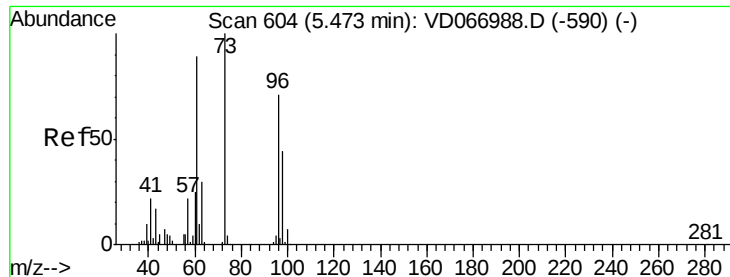
Tot Ion: 73 Resp: 119055
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0



#20
Methylene Chloride
Concen: 17.768 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 84 Resp: 81957
Ion Ratio Lower Upper
84 100
49 100.1 88.2 132.2
51 30.0 26.6 39.8
86 60.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.568 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

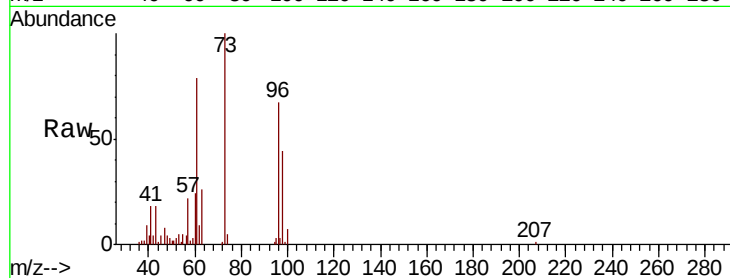
Tot Ion: 96 Resp: 73426

Ion Ratio Lower Upper

96 100

61 117.2 99.6 149.4

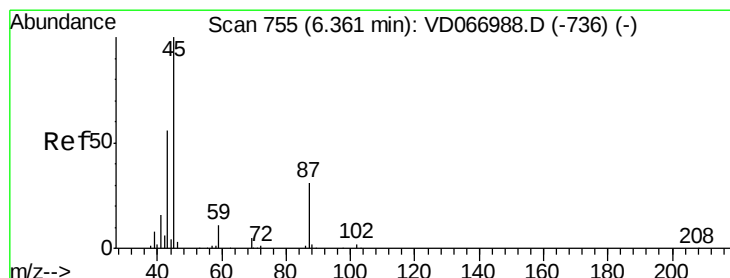
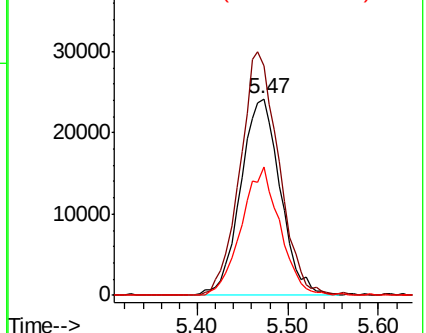
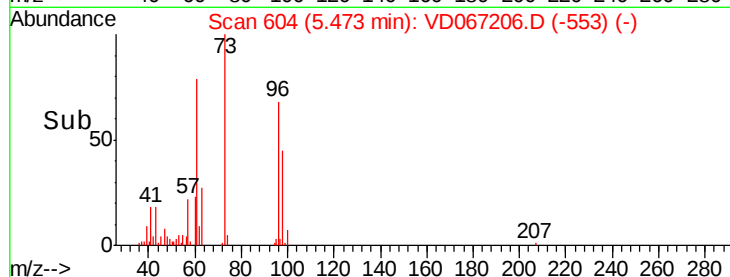
98 65.8 49.4 74.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 18.144 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion: 45 Resp: 141878

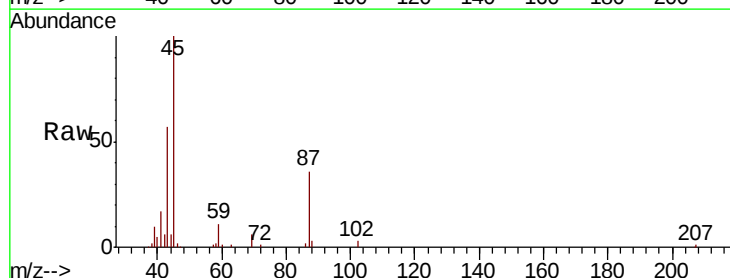
Ion Ratio Lower Upper

45 100

43 55.8 45.2 67.8

87 35.3 25.6 38.4

59 10.8 9.1 13.7

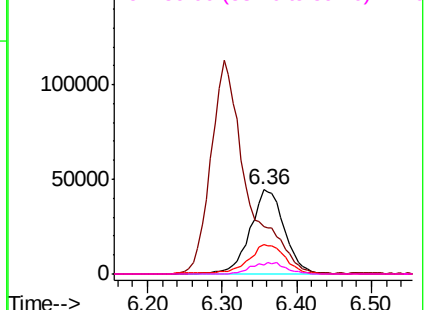
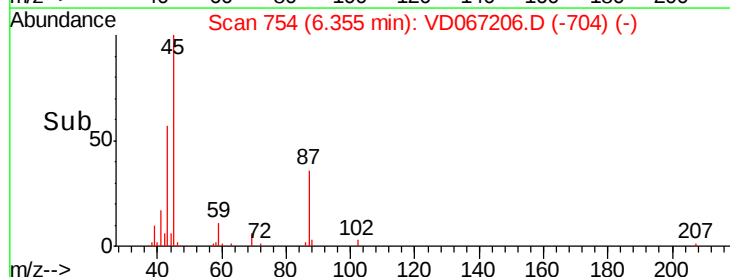


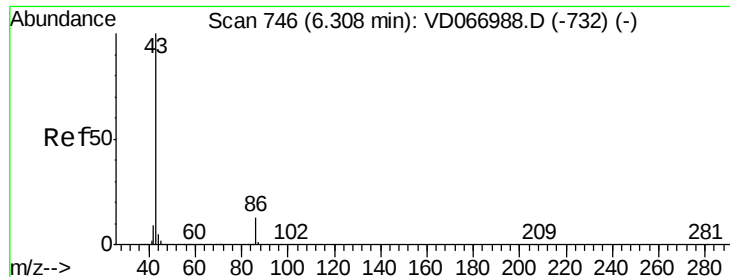
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC

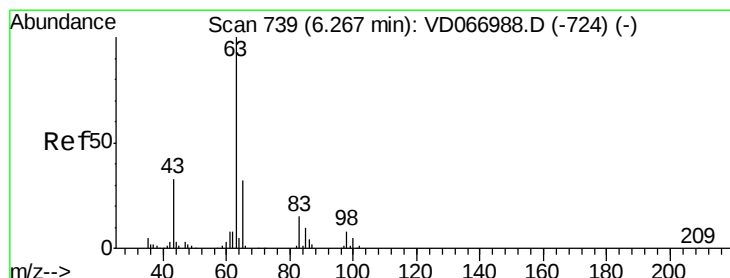
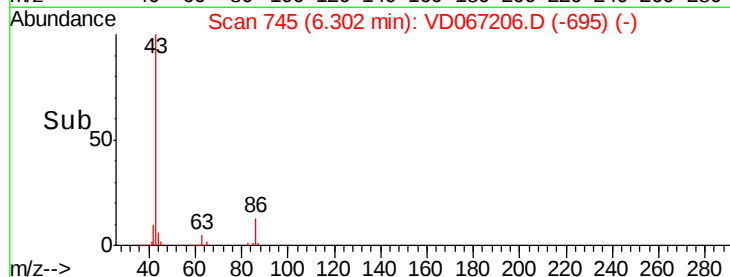
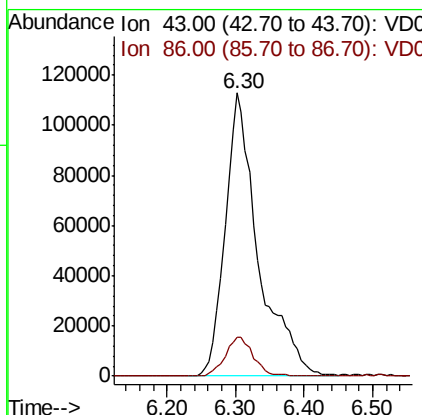
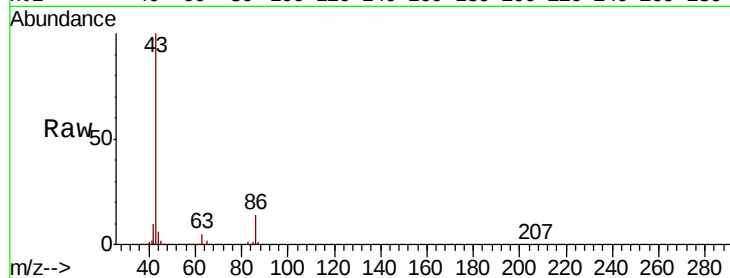




#23
 Vinyl Acetate
 Concen: 85.382 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

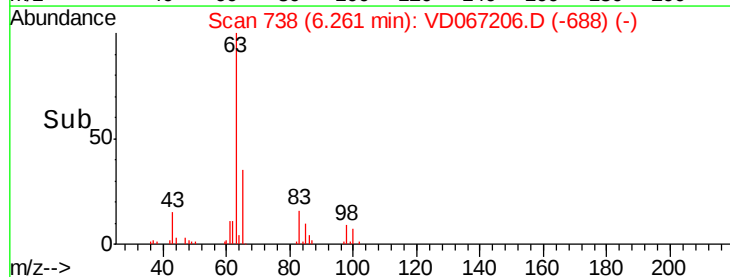
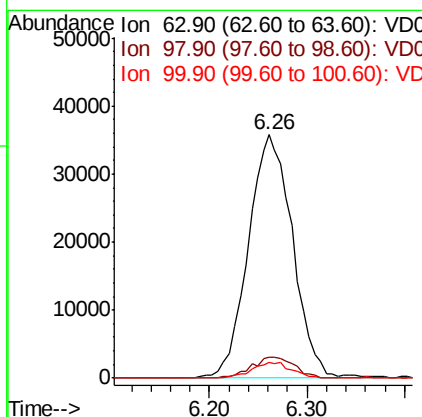
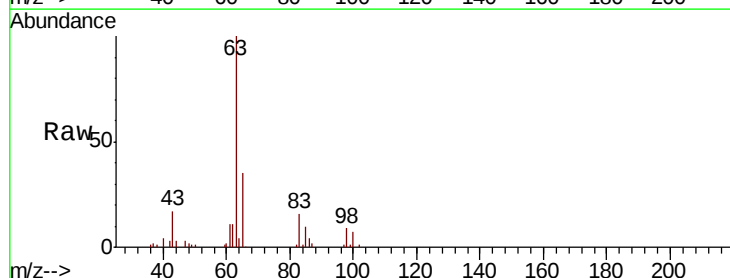
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

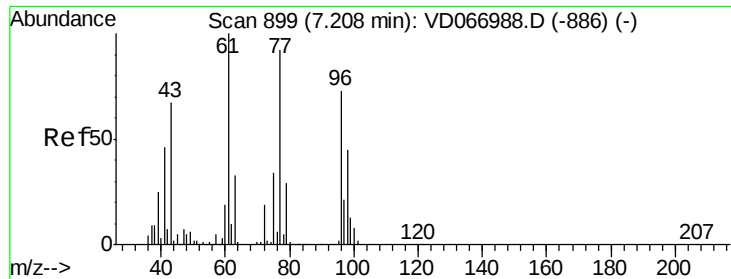
Tot Ion: 43 Resp: 378344
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 18.704 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion: 63 Resp: 112874
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.2 12.6
 100 6.6 2.6 7.8

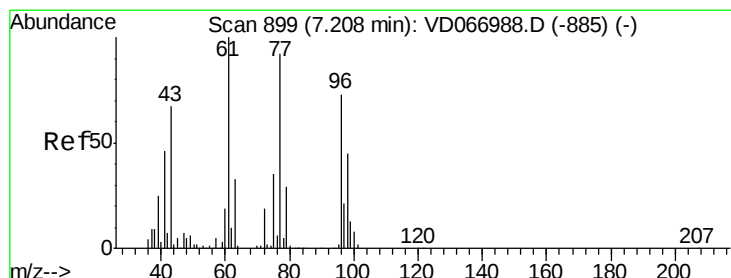
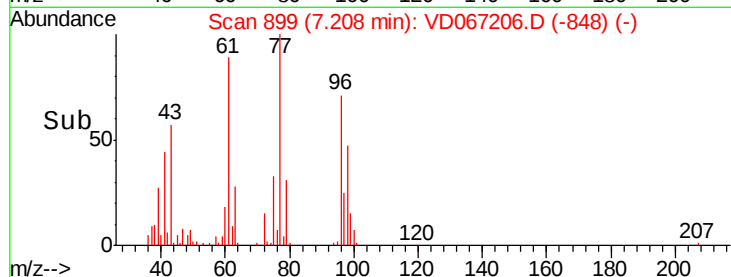
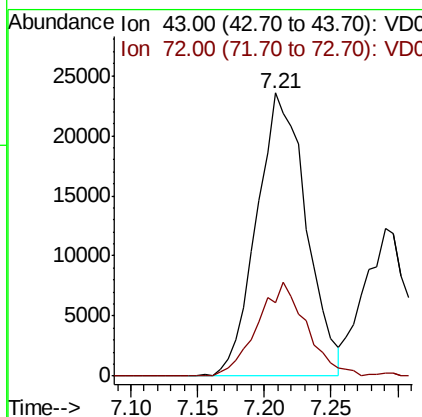
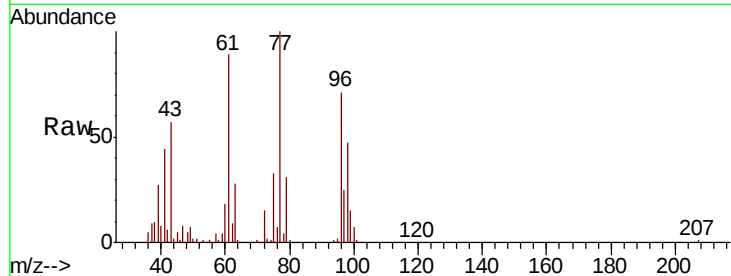




#25
2-Butanone
Concen: 83.313 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

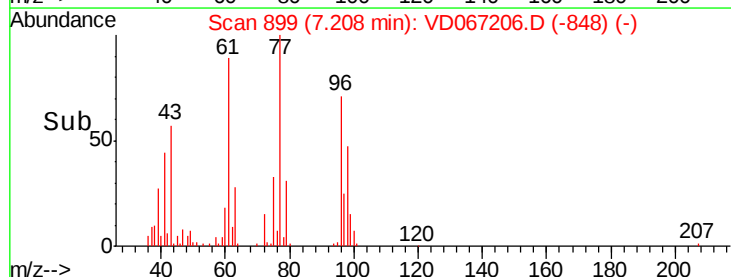
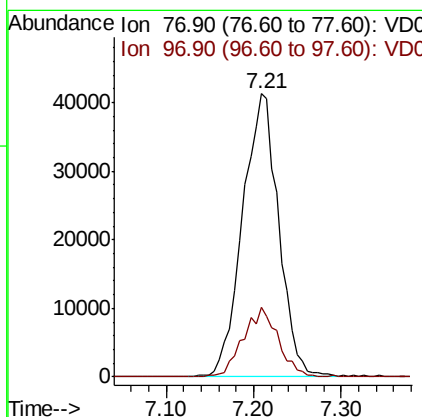
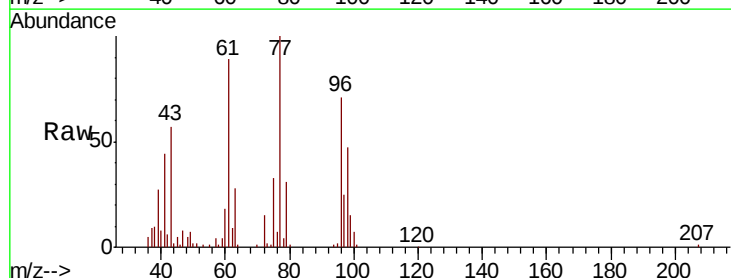
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

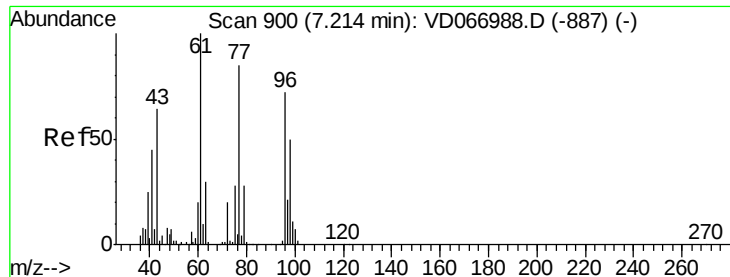
Tot Ion: 43 Resp: 60745
Ion Ratio Lower Upper
43 100
72 26.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 20.059 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 77 Resp: 116259
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.2



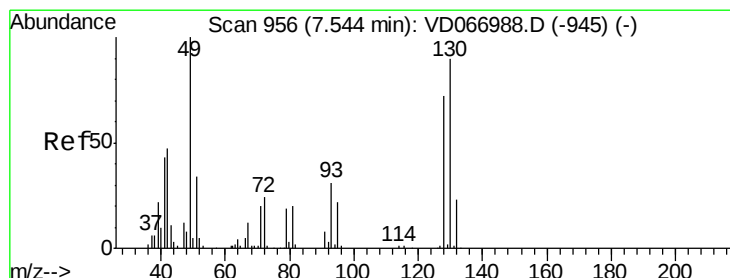
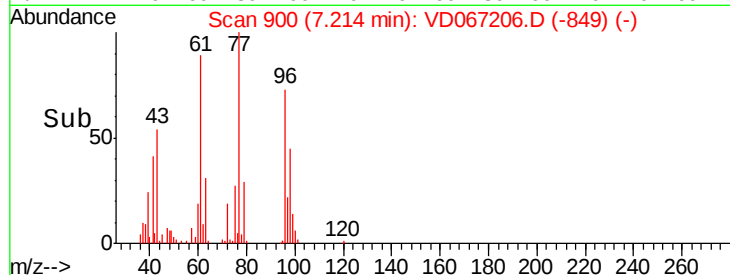
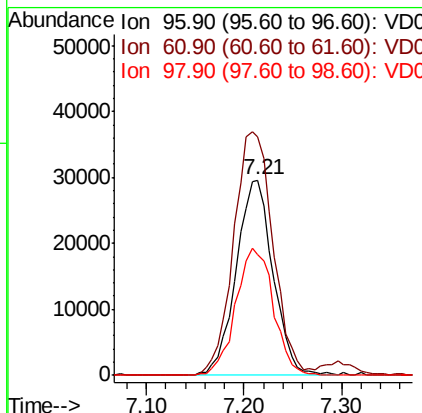
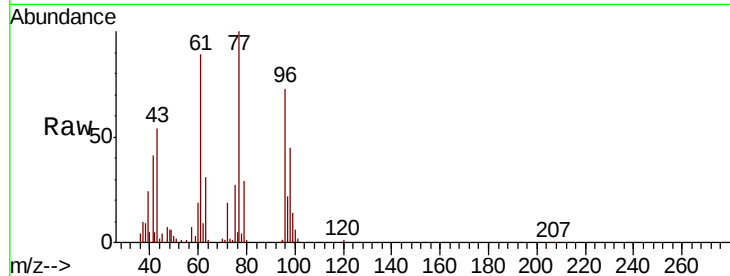


#27

cis-1,2-Dichloroethene
Concen: 19.492 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

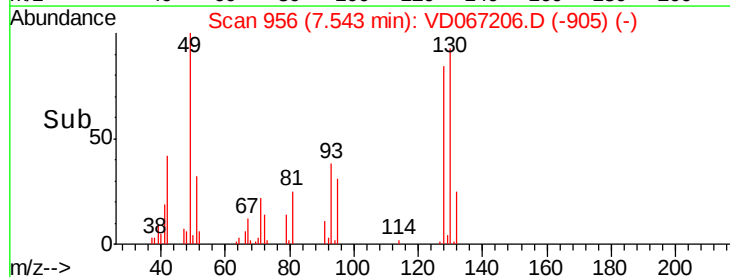
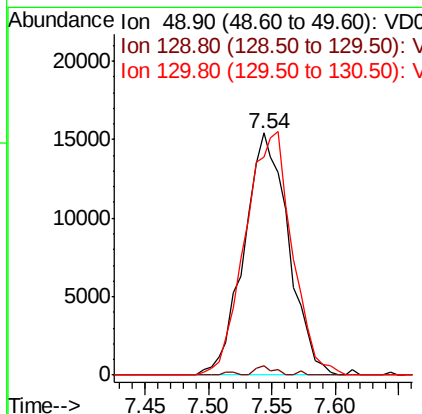
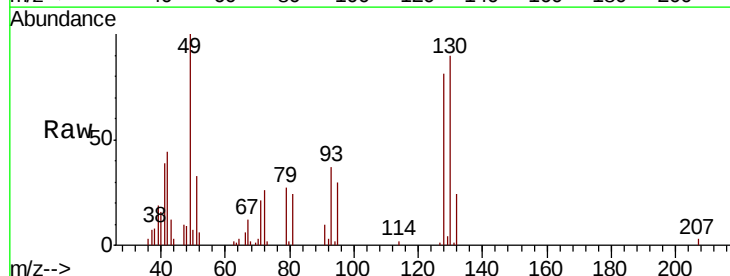
Tot Ion: 96 Resp: 78114
Ion Ratio Lower Upper
96 100
61 133.5 0.0 269.2
98 66.5 0.0 129.4

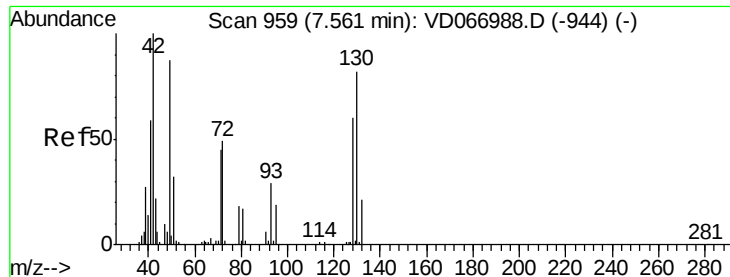


#28

Bromochloromethane
Concen: 16.168 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 49 Resp: 37681
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.6
130 105.5 74.1 111.1

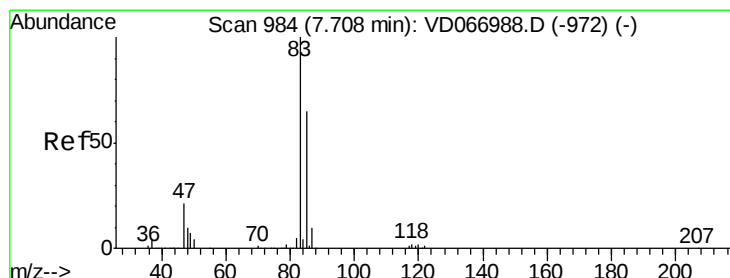
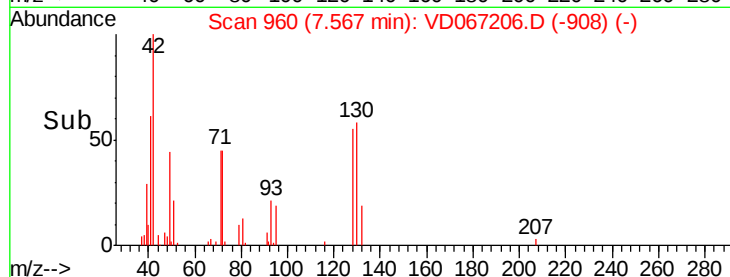
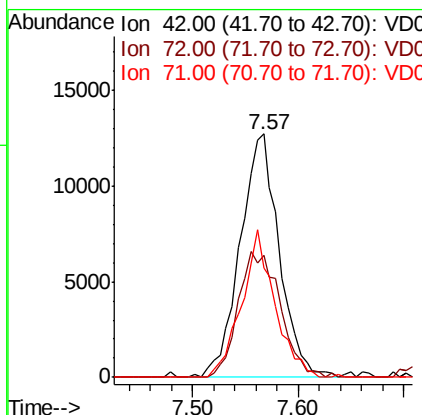
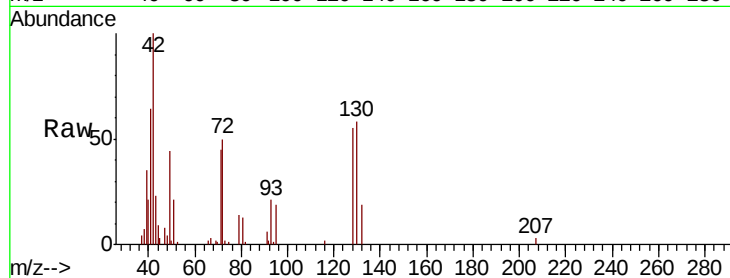




#29
Tetrahydrofuran
Concen: 78.056 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

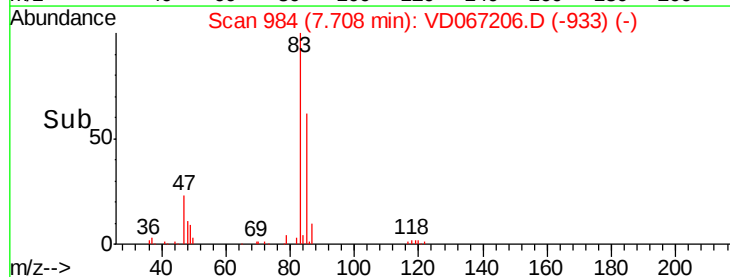
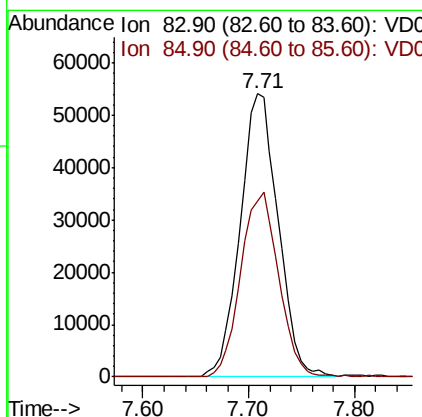
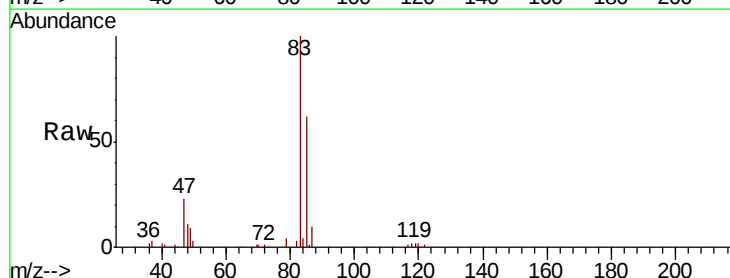
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

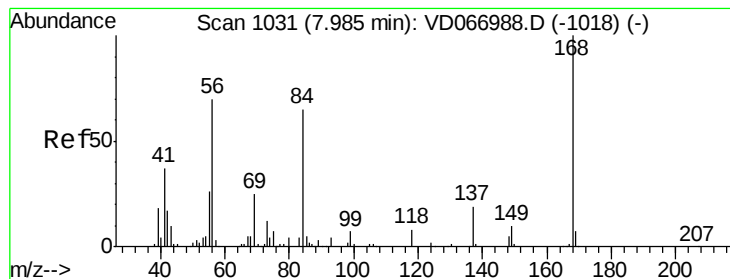
Tot Ion: 42 Resp: 32724
Ion Ratio Lower Upper
42 100
72 55.4 39.1 58.7
71 51.3 34.2 51.4



#30
Chloroform
Concen: 20.673 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 83 Resp: 135340
Ion Ratio Lower Upper
83 100
85 62.3 52.3 78.5





#31

Cyclohexane

Concen: 17.562 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

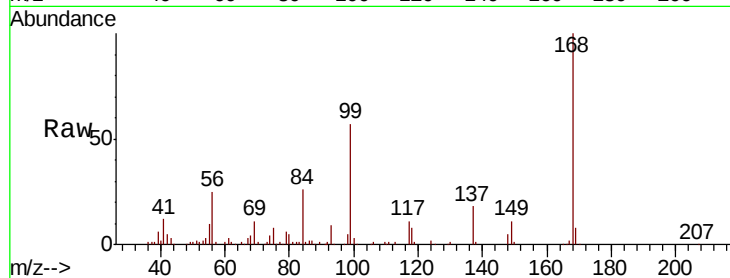
Tot Ion: 56 Resp: 88855

Ion Ratio Lower Upper

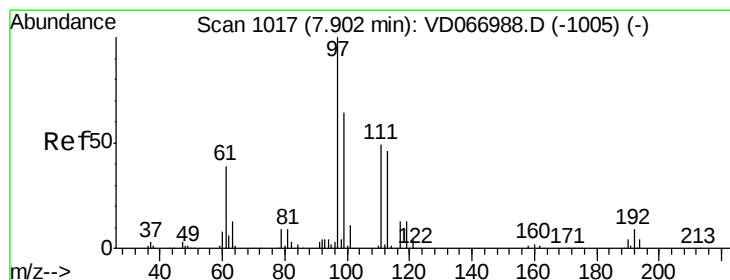
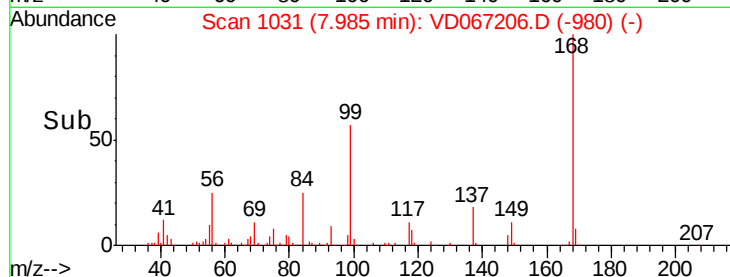
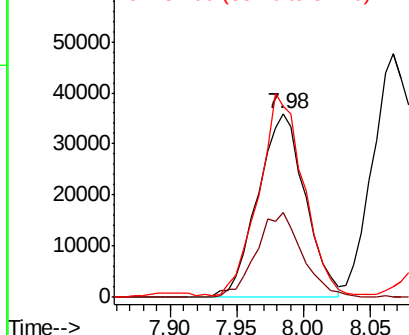
56 100

69 46.1 29.0 43.6#

84 101.8 74.2 111.2



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 21.881 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

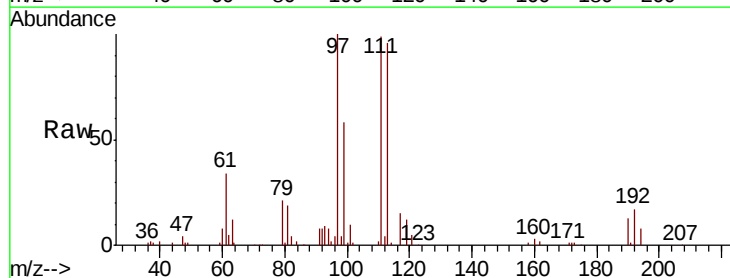
Tgt Ion: 97 Resp: 132753

Ion Ratio Lower Upper

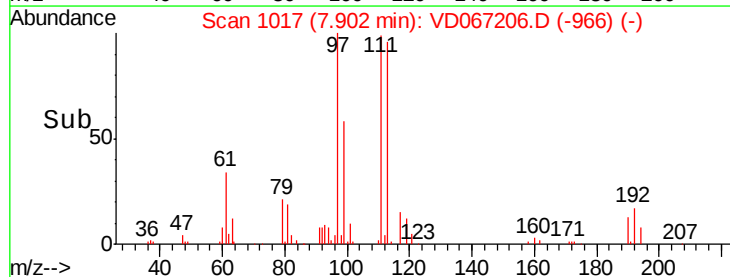
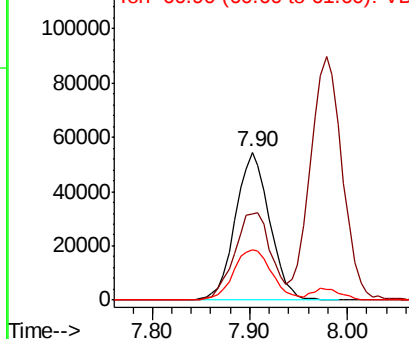
97 100

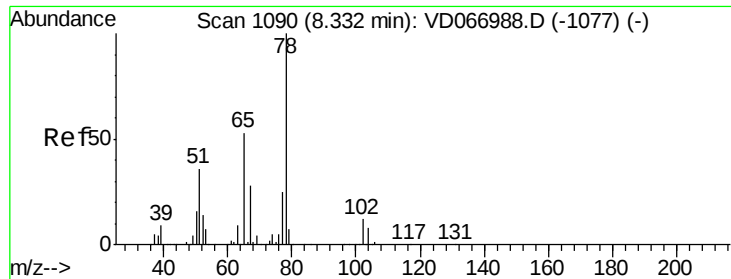
99 63.2 52.6 78.8

61 38.3 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

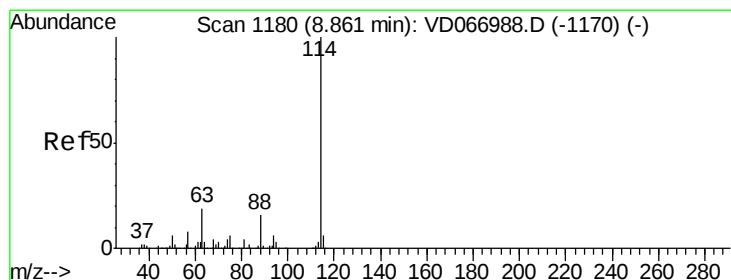
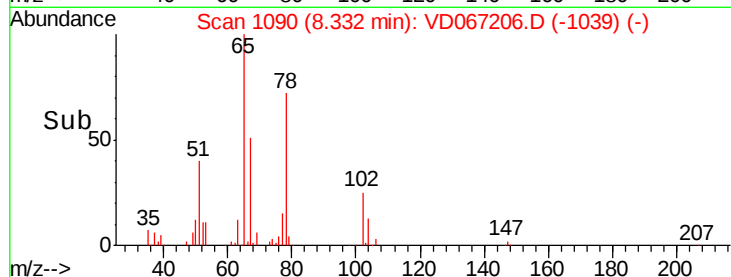
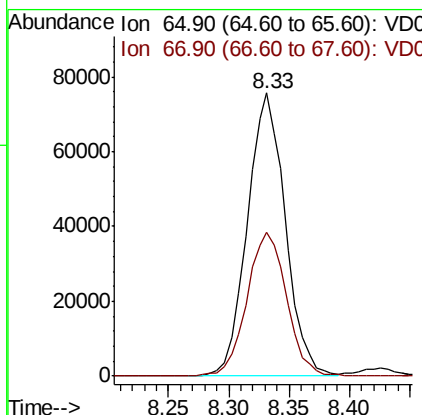
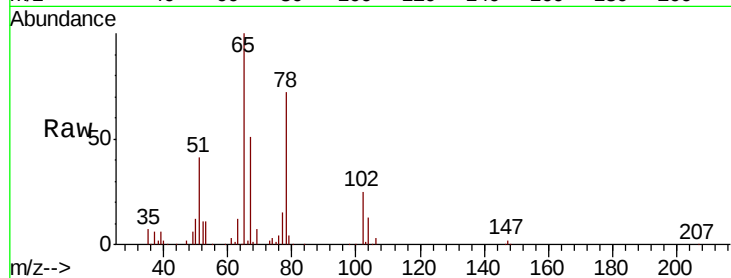




#33
 1,2-Dichloroethane-d4
 Concen: 49.273 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

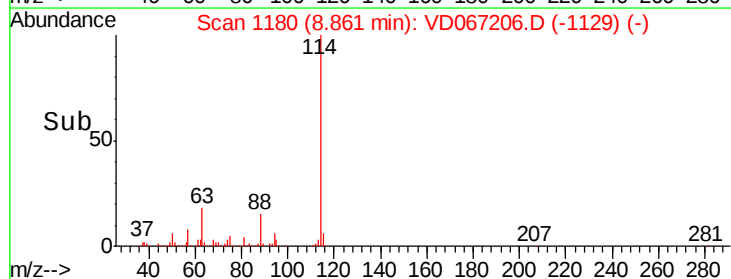
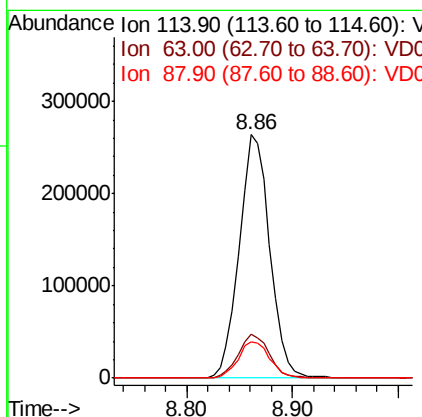
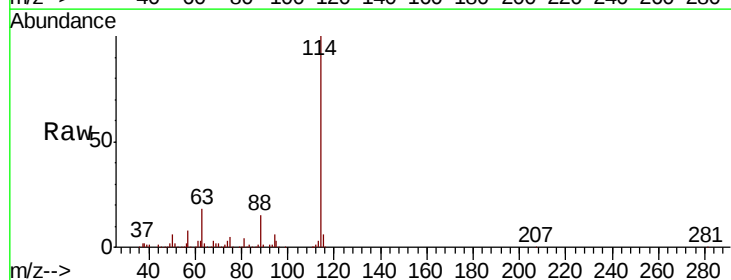
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

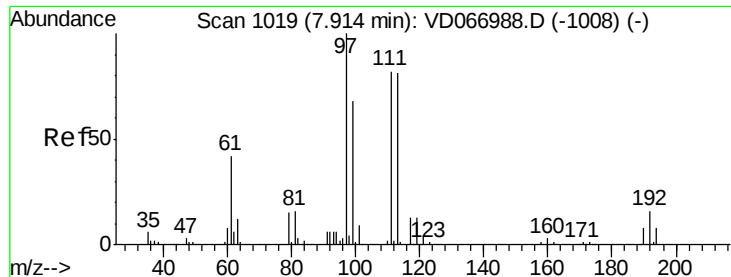
Tot Ion: 65 Resp: 165996
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion: 114 Resp: 530008
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.4
 88 15.1 0.0 31.2

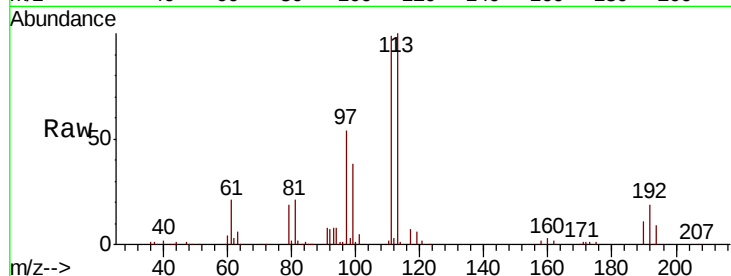




#35
 Dibromofluoromethane
 Concen: 50.791 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1009SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	20.3	15.5	23.3

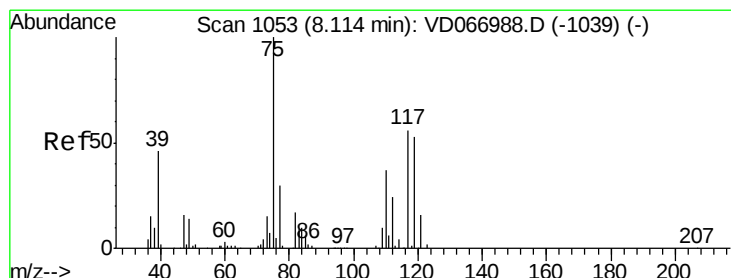
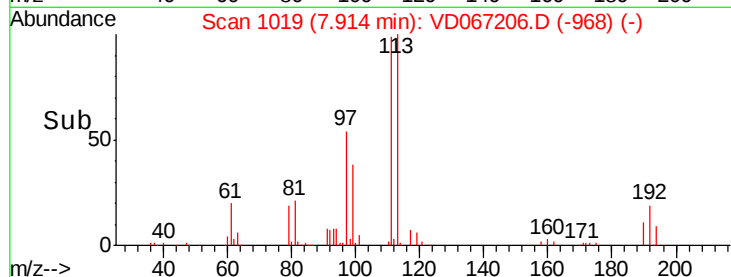
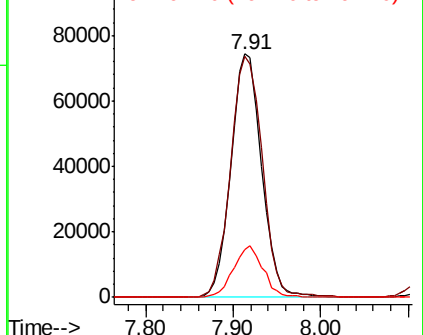


Abundance

Ion 112.80 (112.50 to 113.50): V

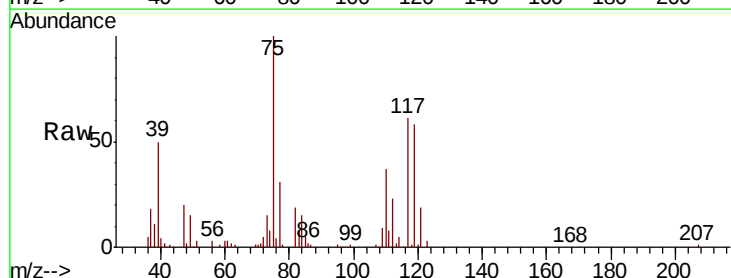
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.833 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.3	18.4	55.0
77	32.6	24.8	37.2

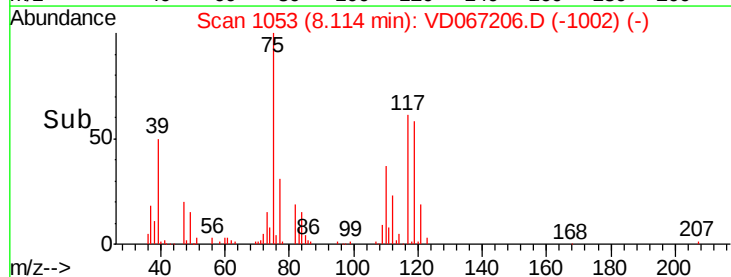
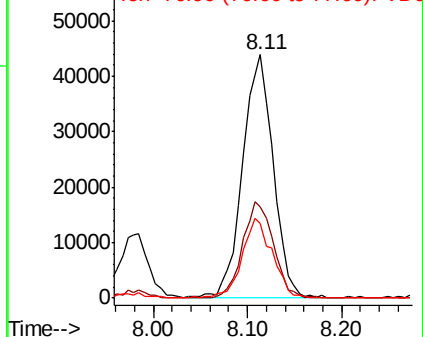


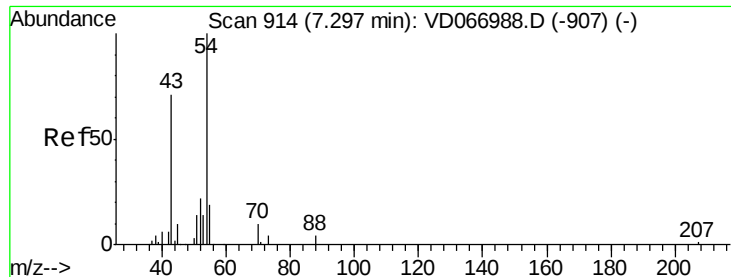
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

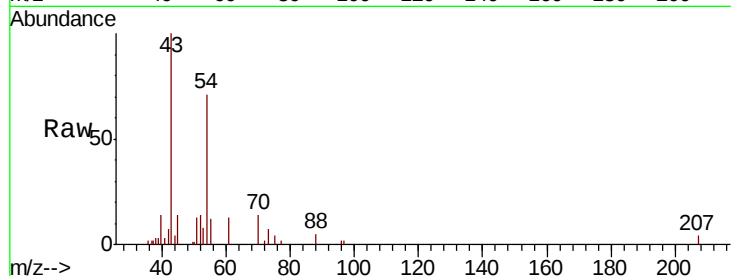




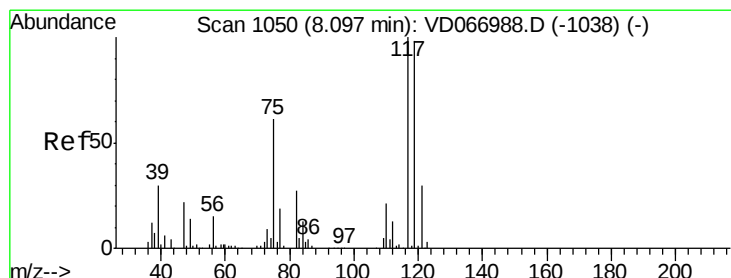
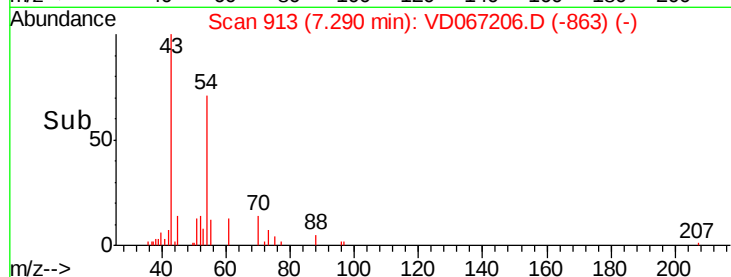
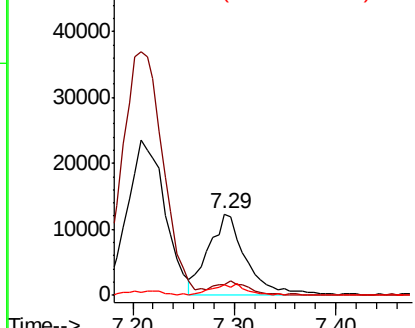
#37
Ethyl Acetate
Concen: 18.483 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 43 Resp: 31633
Ion Ratio Lower Upper
43 100
61 15.0 12.5 18.7
70 12.9 9.4 14.0

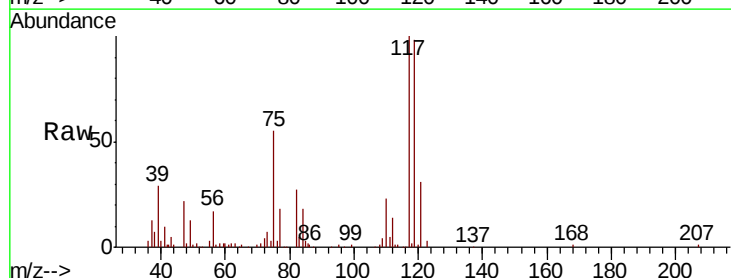


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

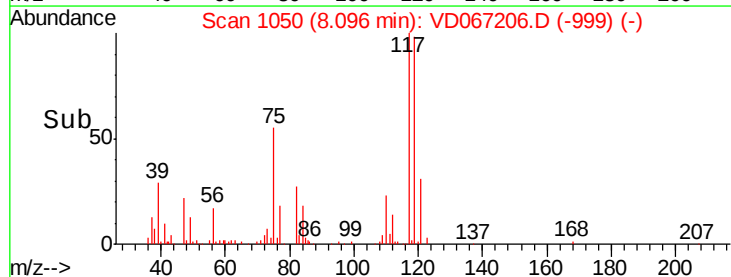
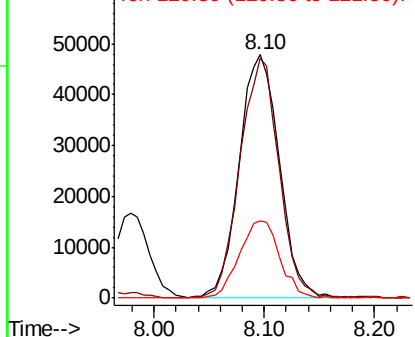


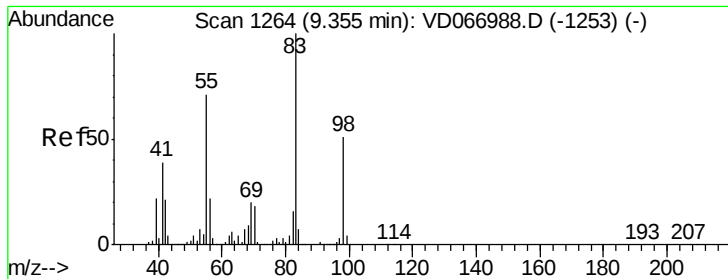
#38
Carbon Tetrachloride
Concen: 22.914 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 117 Resp: 122482
Ion Ratio Lower Upper
117 100
119 98.5 78.7 118.1
121 31.5 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

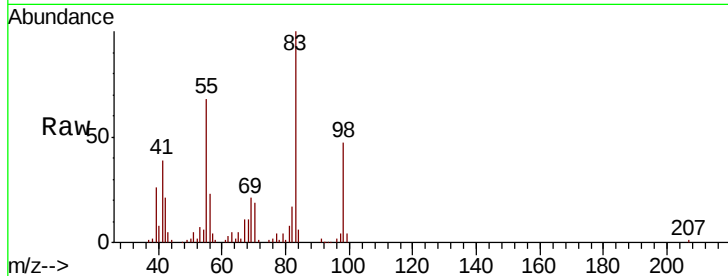




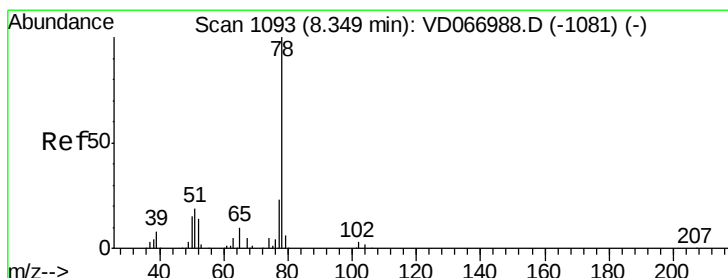
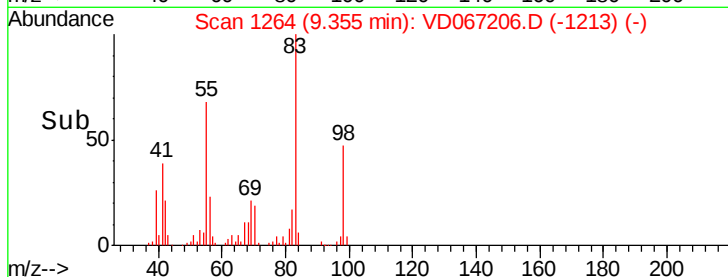
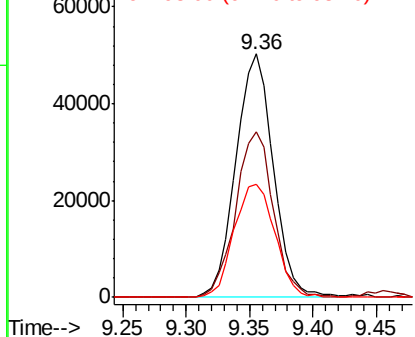
#39
Methvlcvclohexane
Concen: 19.683 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion: 83 Resp: 102808
Ion Ratio Lower Upper
83 100
55 68.0 57.1 85.7
98 46.7 40.9 61.3

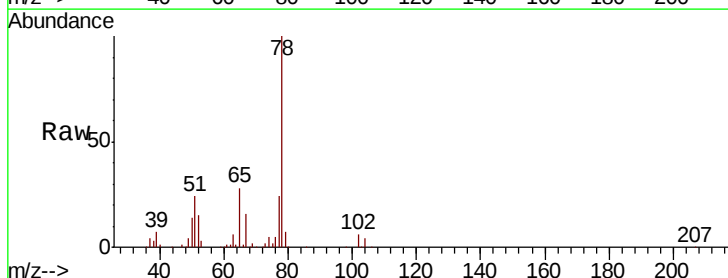


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

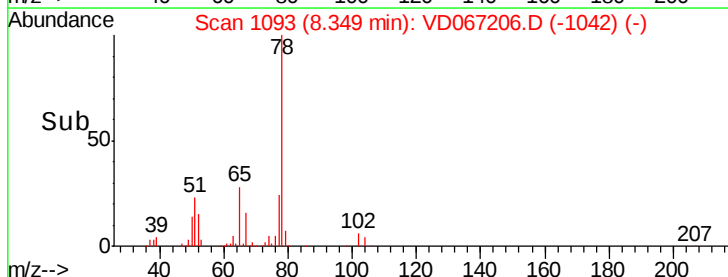
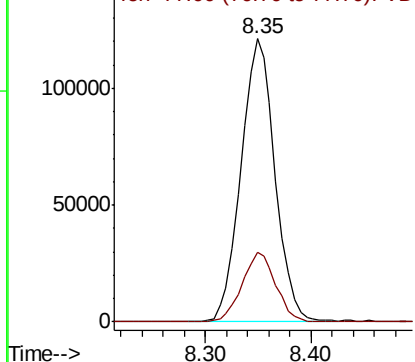


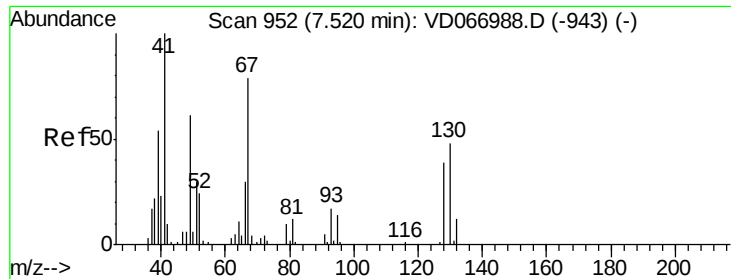
#40
Benzene
Concen: 19.687 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 78 Resp: 270139
Ion Ratio Lower Upper
78 100
77 24.5 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

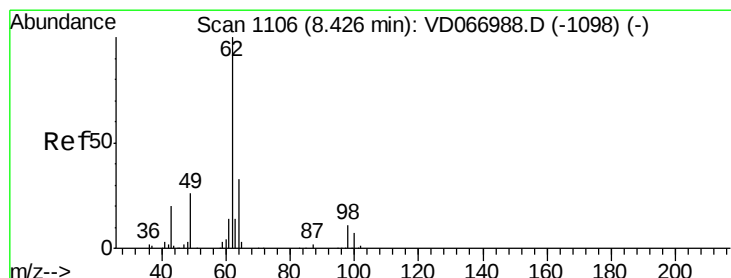
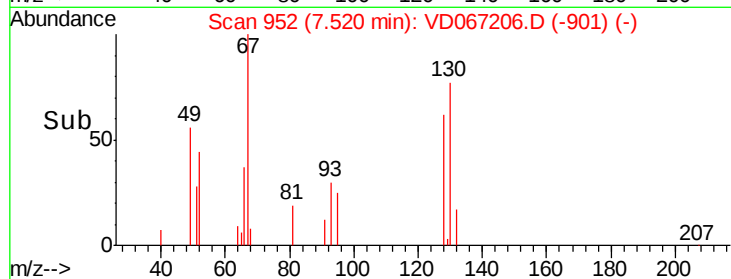
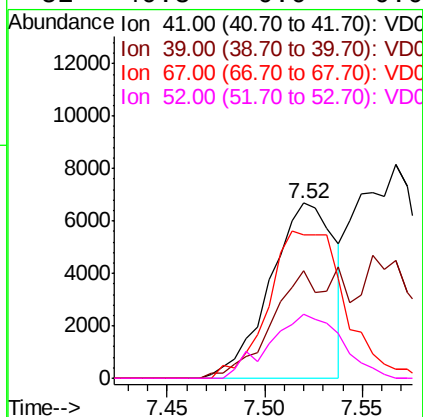
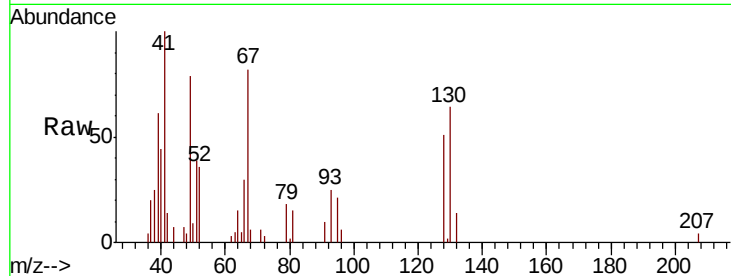




#41
Methacrylonitrile
Concen: 16.546 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

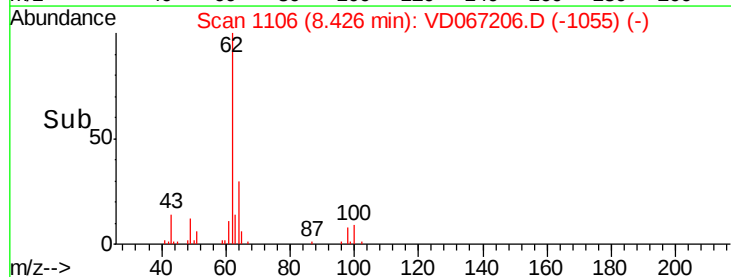
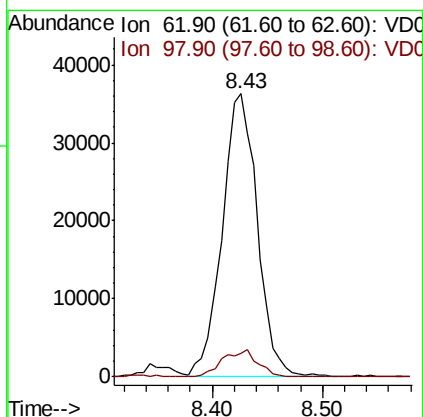
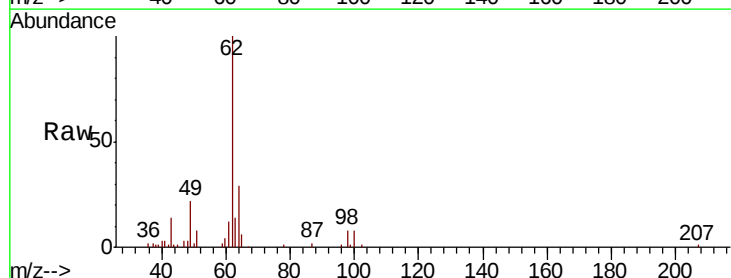
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

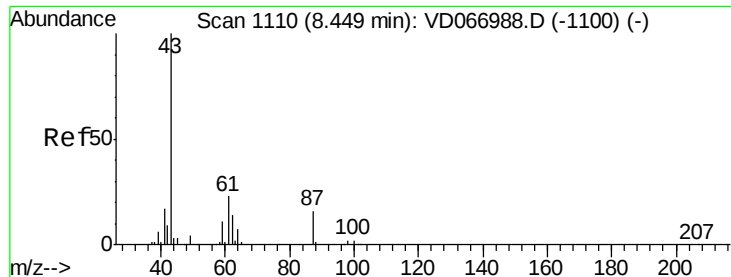
Tot Ion:	41	Resp:	15298
Ion	Ratio	Lower	Upper
41	100		
39	50.1	0.0	0.0#
67	99.1	0.0	0.0#
52	40.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.074 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion:	62	Resp:	80804
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	22.6





#43

Isopropyl Acetate

Concen: 17.610 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

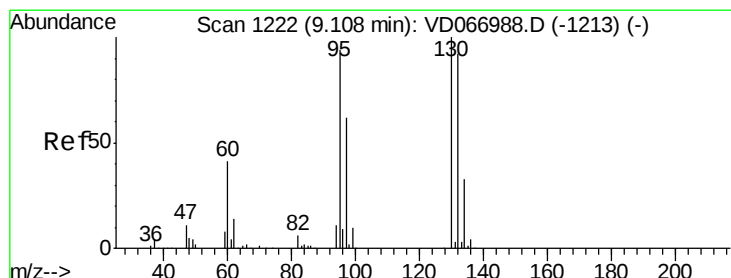
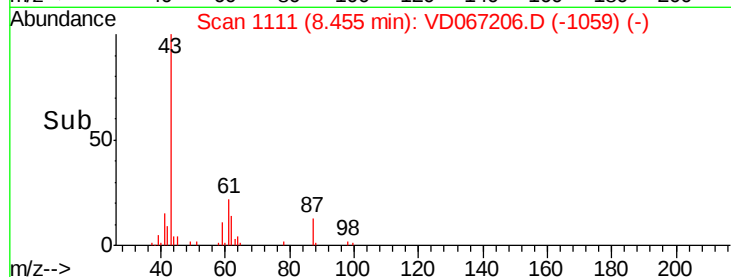
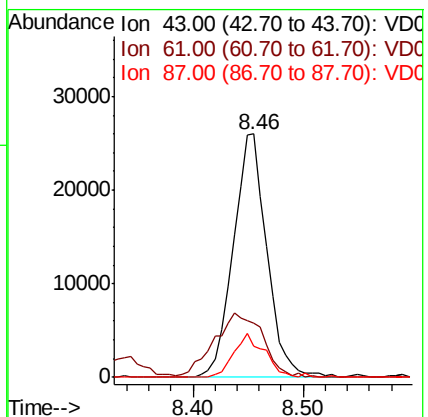
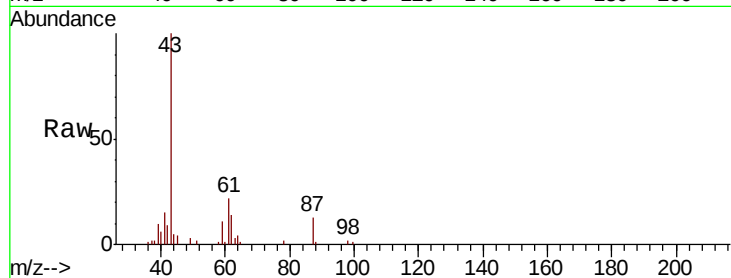
Tot Ion: 43 Resp: 55521

Ion Ratio Lower Upper

43 100

61 38.3 27.1 40.7

87 16.5 12.3 18.5



#44

Trichloroethene

Concen: 21.513 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067206.D

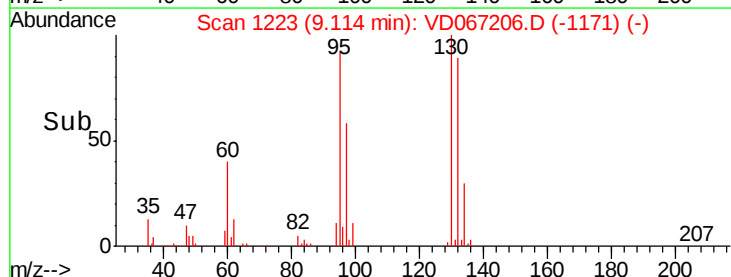
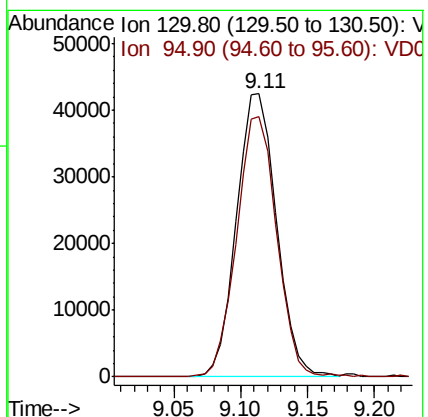
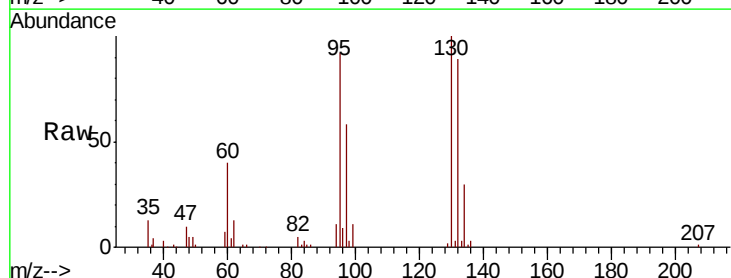
Acq: 09 Oct 2020 12:44

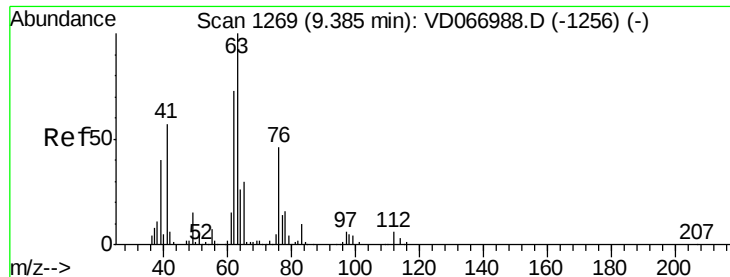
Tgt Ion: 130 Resp: 88148

Ion Ratio Lower Upper

130 100

95 92.2 0.0 187.8





#45

1,2-Dichloropropane

Concen: 19.122 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

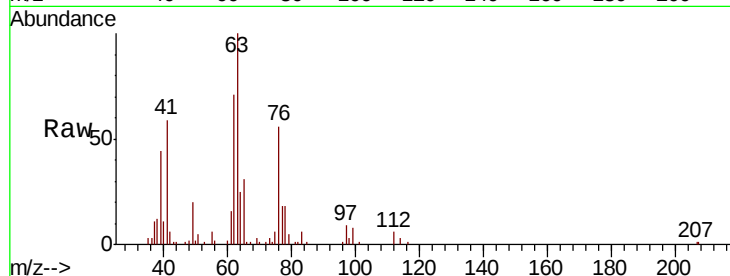
VD1009SBS01

Tot Ion: 63 Resp: 61652

Ion Ratio Lower Upper

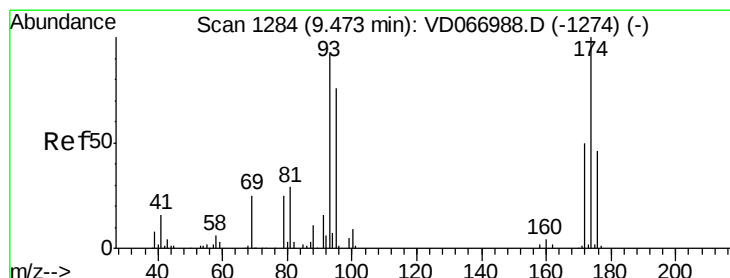
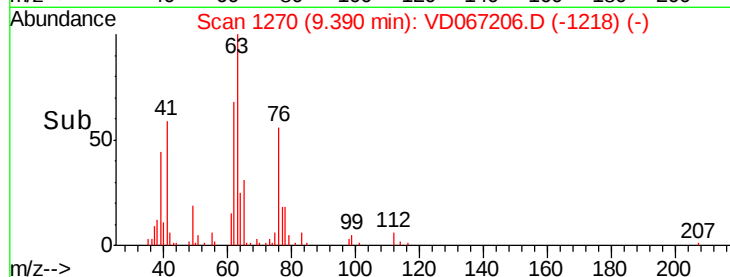
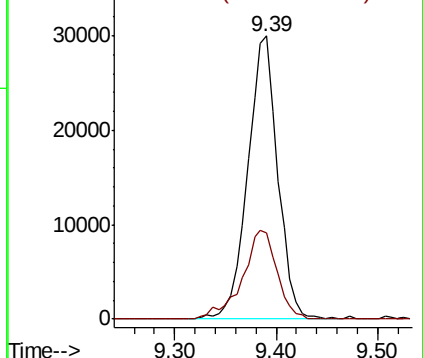
63 100

65 30.6 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.536 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

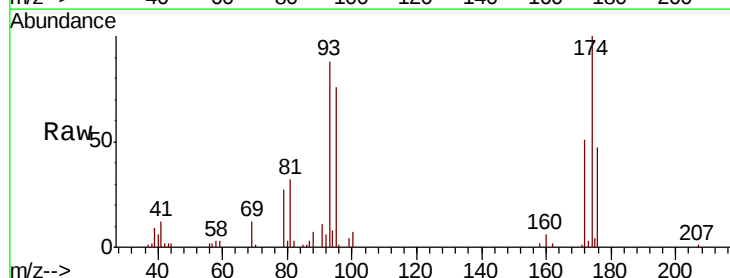
Tgt Ion: 93 Resp: 36201

Ion Ratio Lower Upper

93 100

95 89.5 64.7 97.1

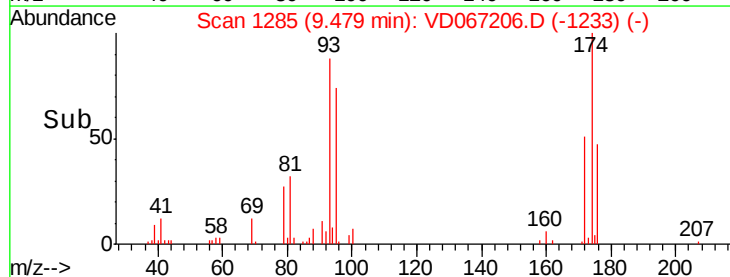
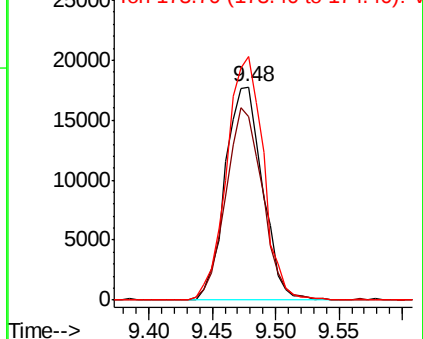
174 112.8 81.4 122.2

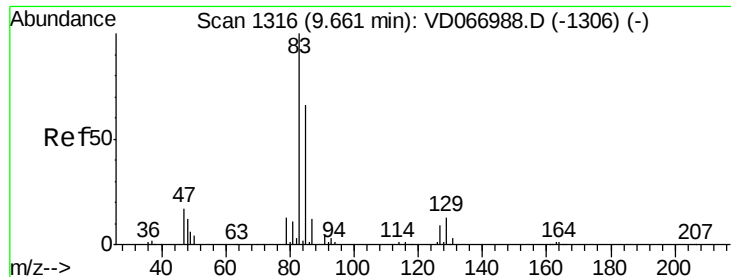


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

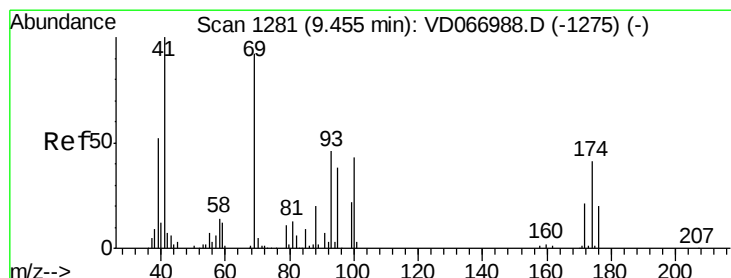
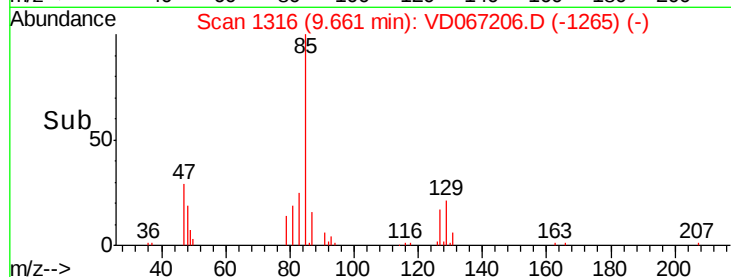
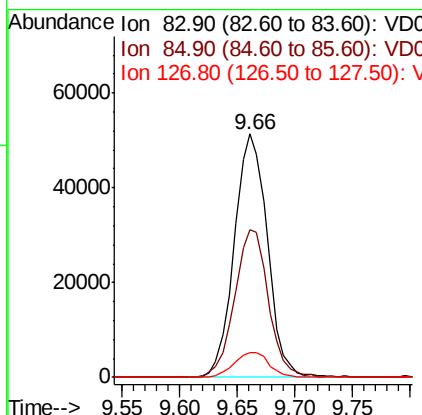
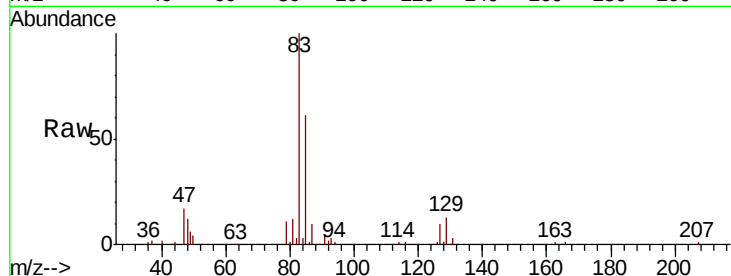




#47
Bromodichloromethane
Concen: 21.123 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

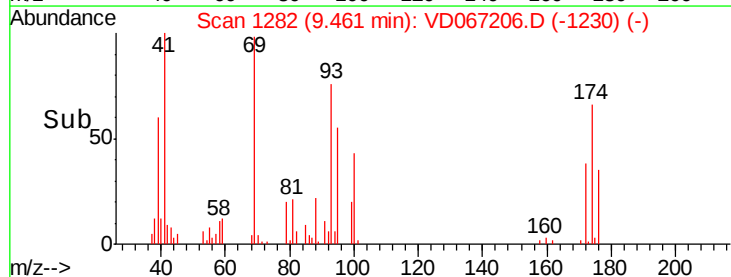
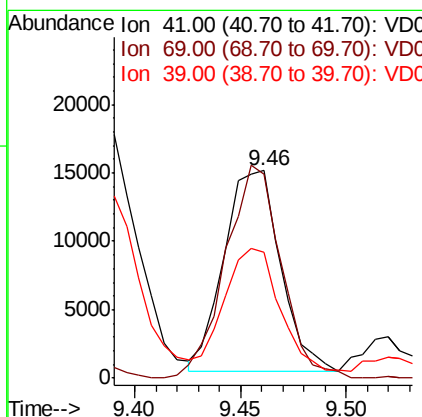
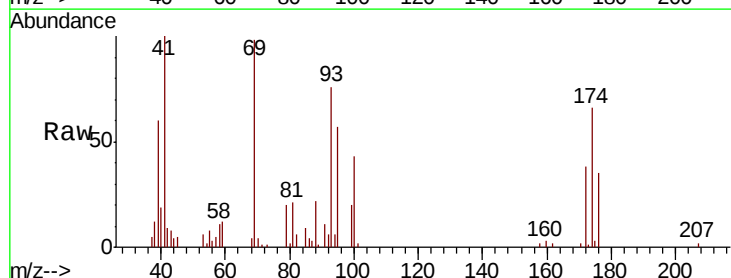
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

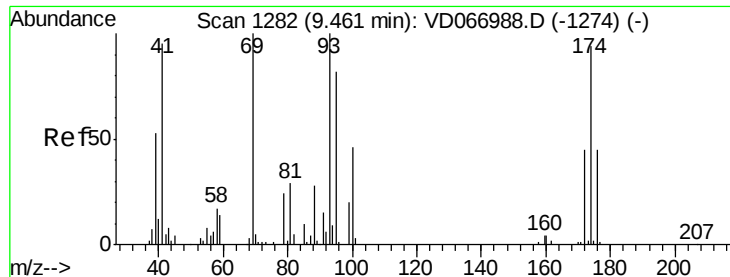
Tot Ion: 83 Resp: 101748
Ion Ratio Lower Upper
83 100
85 60.7 52.9 79.3
127 10.2 7.3 10.9



#48
Methyl methacrylate
Concen: 16.814 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 41 Resp: 27158
Ion Ratio Lower Upper
41 100
69 104.8 68.5 102.7#
39 68.6 40.2 60.2#





#49

1,4-Dioxane

Concen: 383.039 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

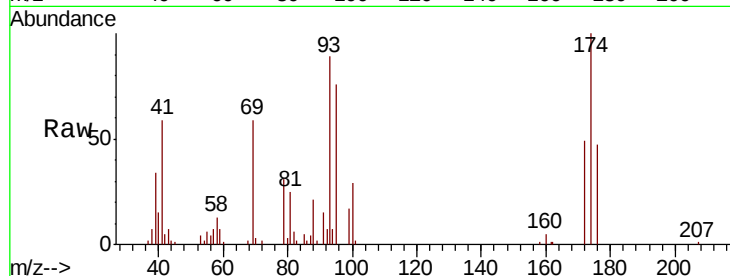
Tot Ion: 88 Resp: 7408

Ion Ratio Lower Upper

88 100

43 38.3 25.6 38.4

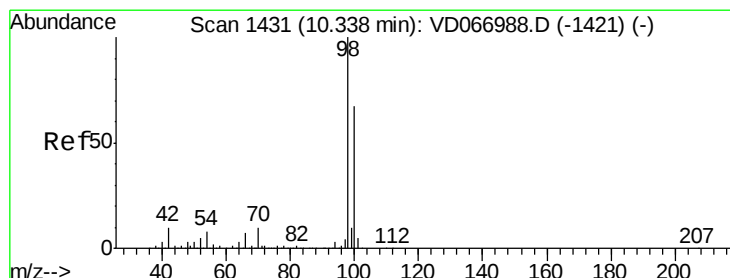
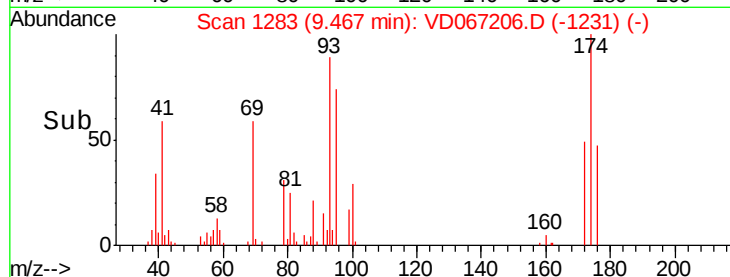
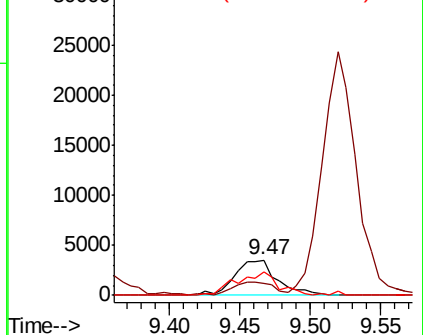
58 65.8 53.5 80.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 50.713 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067206.D

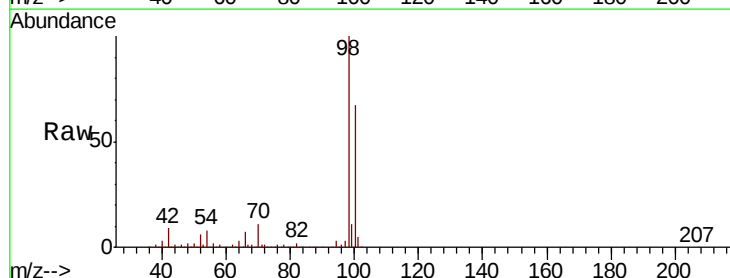
Acq: 09 Oct 2020 12:44

Tgt Ion: 98 Resp: 641200

Ion Ratio Lower Upper

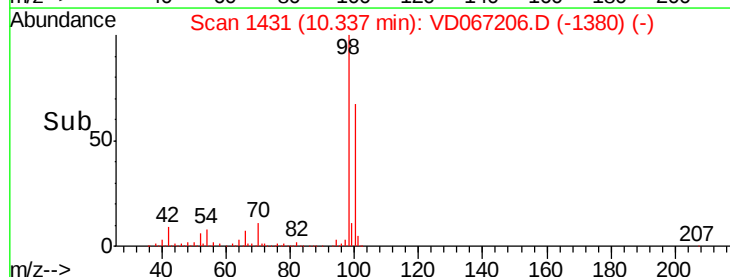
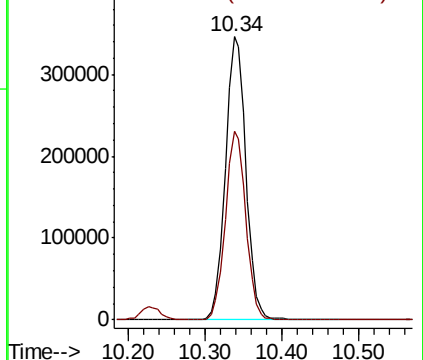
98 100

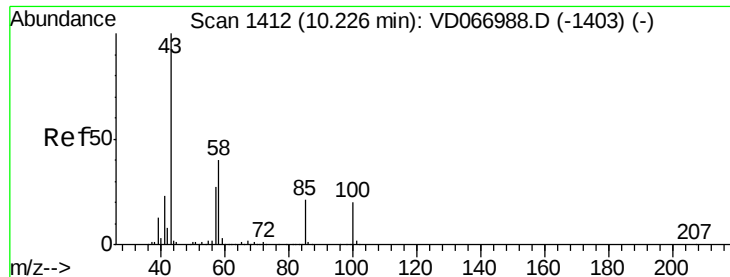
100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 89.431 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

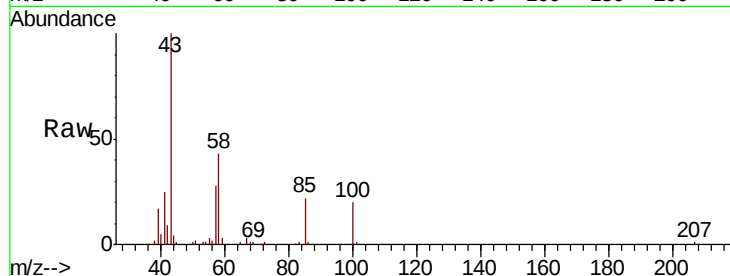
VD1009SBS01

Tot Ion: 43 Resp: 140444

Ion Ratio Lower Upper

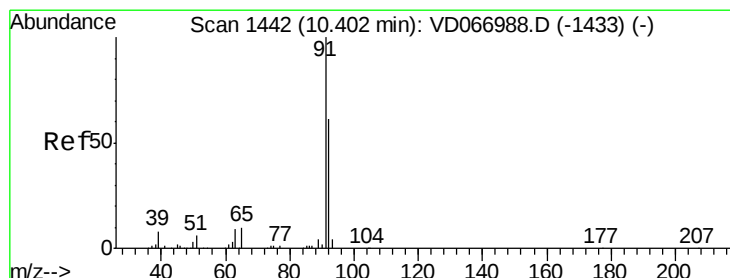
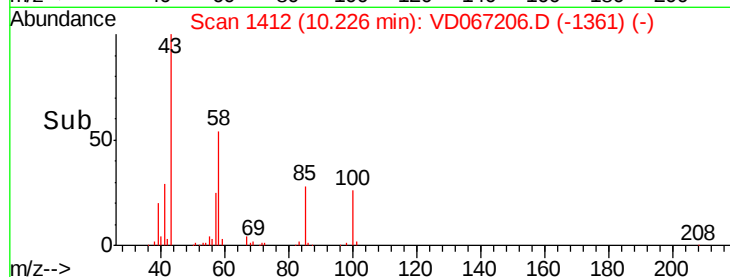
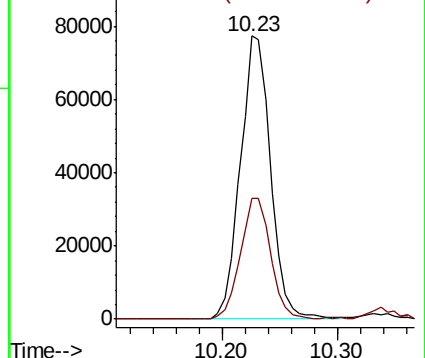
43 100

58 42.7 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.692 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD067206.D

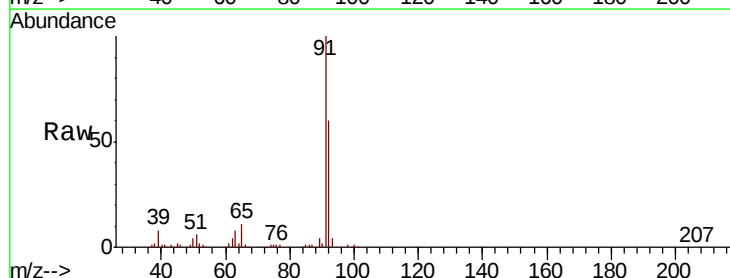
Acq: 09 Oct 2020 12:44

Tgt Ion: 92 Resp: 191745

Ion Ratio Lower Upper

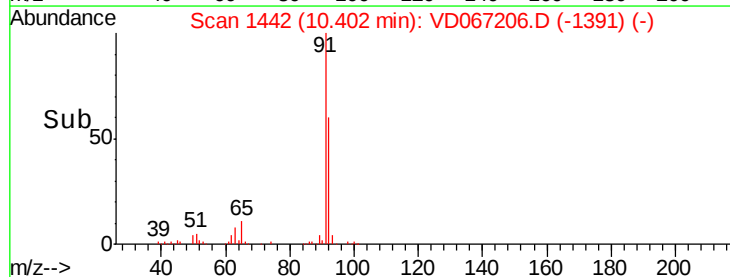
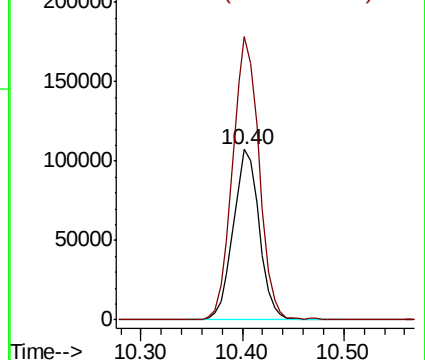
92 100

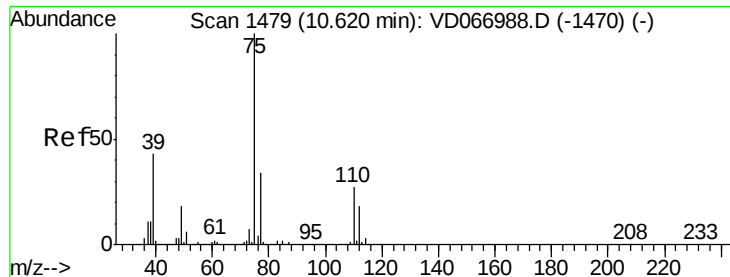
91 168.5 135.1 202.7



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.806 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

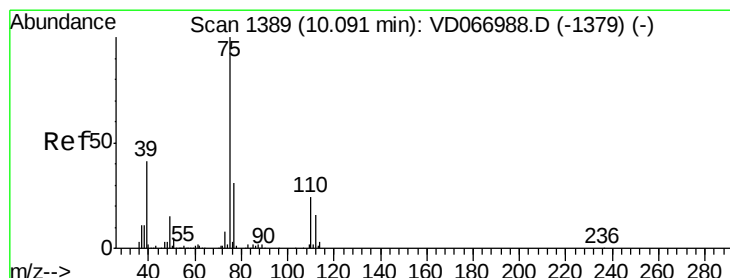
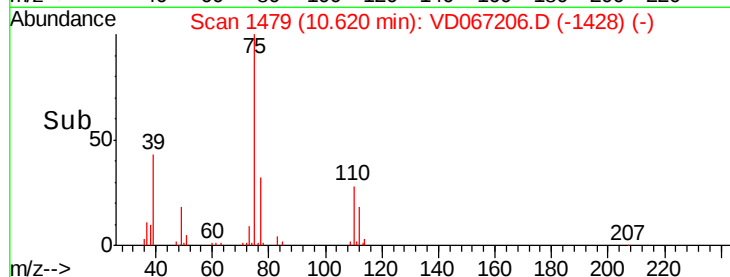
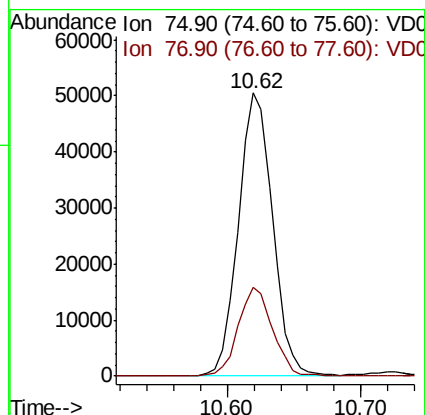
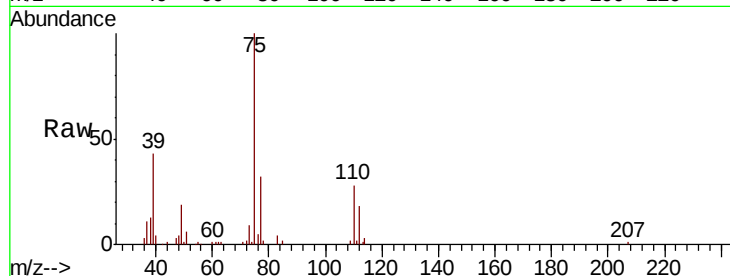
VD1009SBS01

Tot Ion: 75 Resp: 89571

Ion Ratio Lower Upper

75 100

77 31.5 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 19.810 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

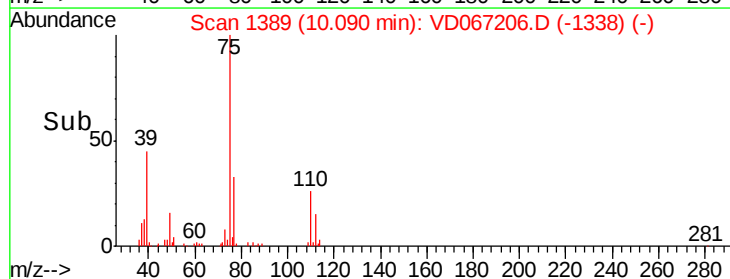
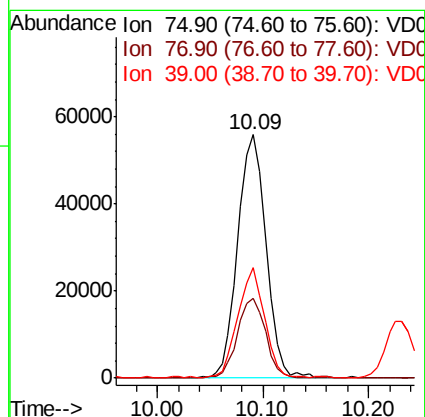
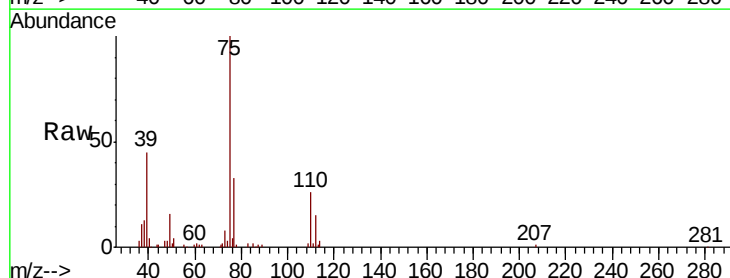
Tgt Ion: 75 Resp: 104139

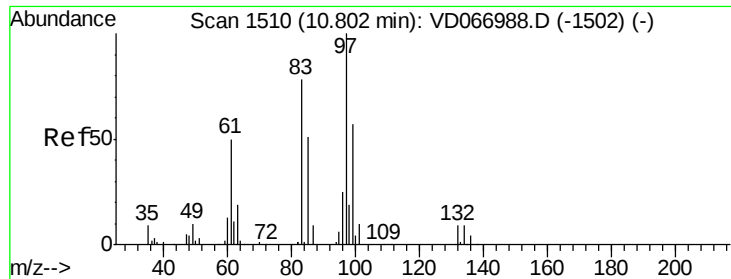
Ion Ratio Lower Upper

75 100

77 32.8 24.6 37.0

39 45.4 33.0 49.4

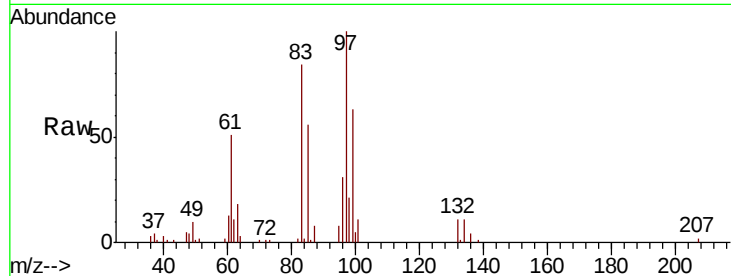




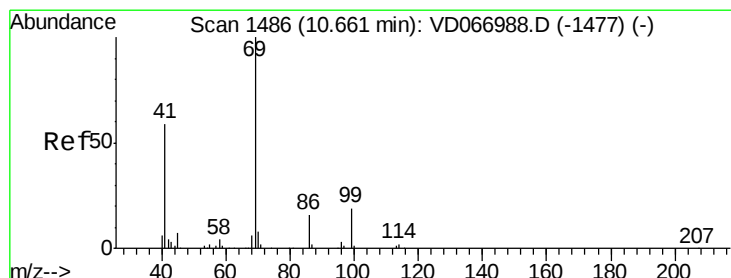
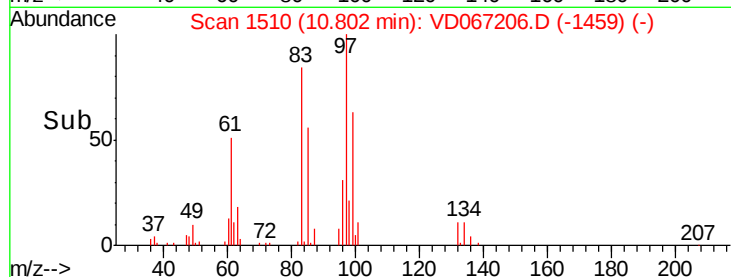
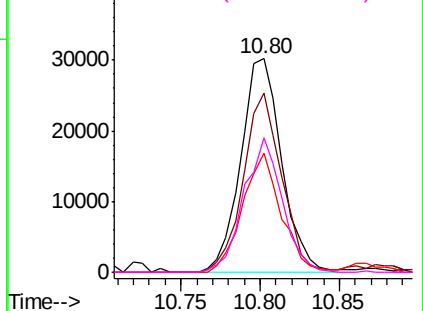
#55
 1,1,2-Trichloroethane
 Concen: 21.075 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion:	97	Resp:	54297
Ion	Ratio	Lower	Upper
97	100		
83	84.2	62.4	93.6
85	55.6	41.0	61.4
99	62.8	45.9	68.9

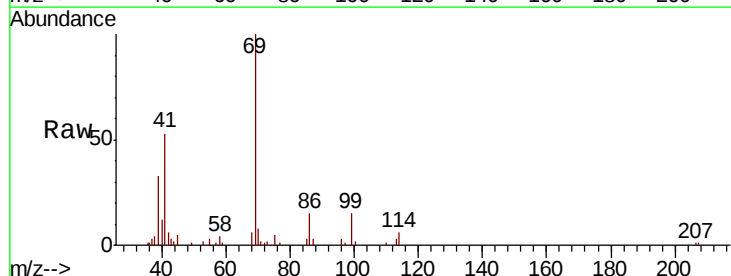


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

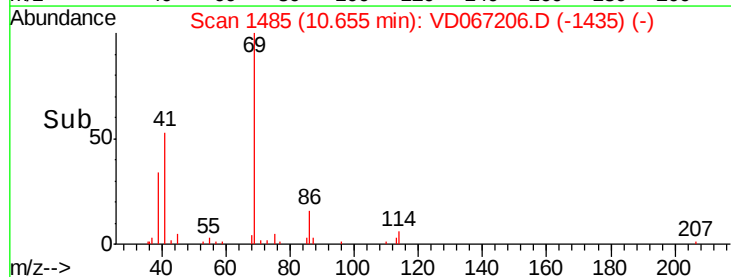
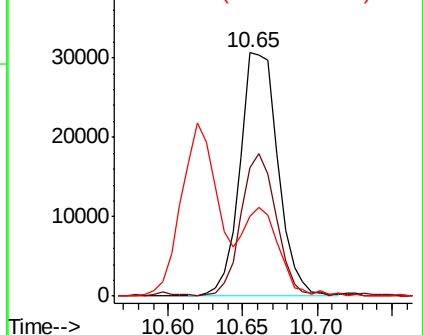


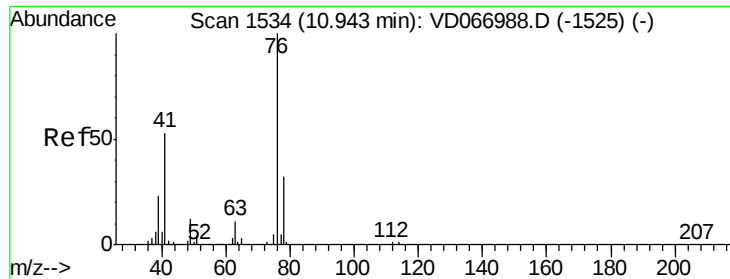
#56
 Ethyl methacrylate
 Concen: 20.387 ug/l
 RT: 10.65 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion:	69	Resp:	54227
Ion	Ratio	Lower	Upper
69	100		
41	54.1	46.4	69.6
39	34.7	23.8	35.6



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC

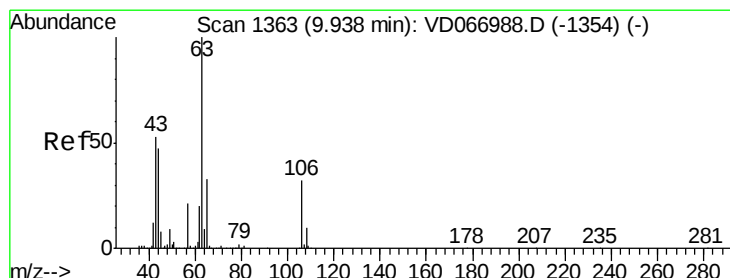
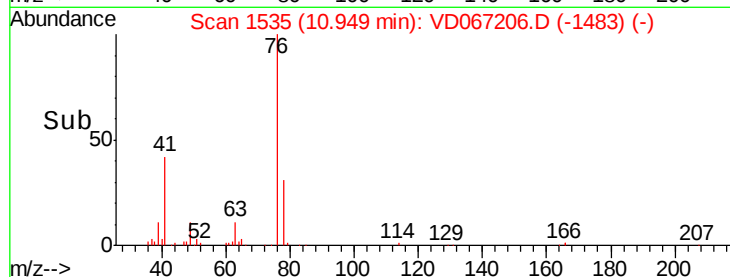
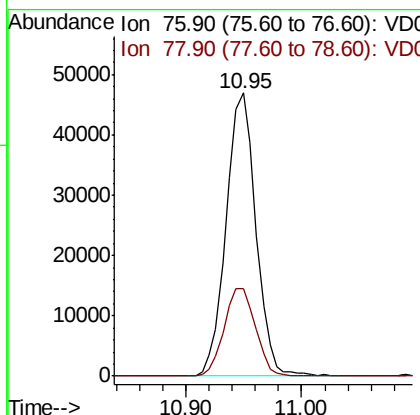
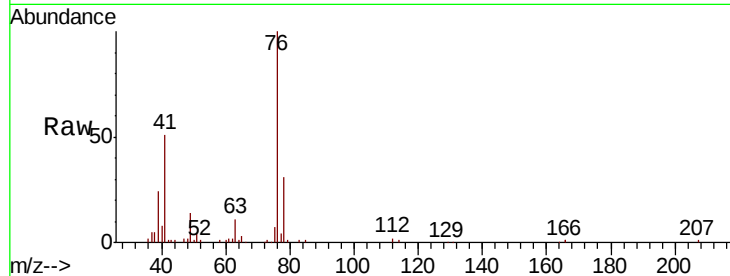




#57
 1,3-Dichloropropane
 Concen: 20.108 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

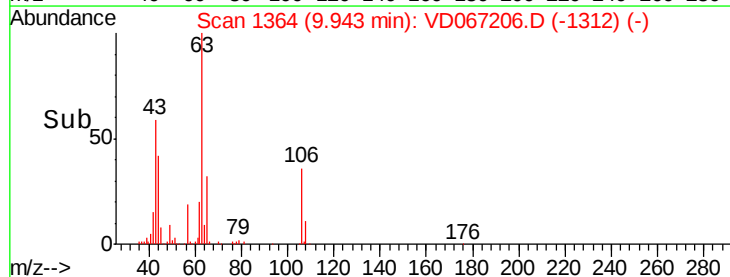
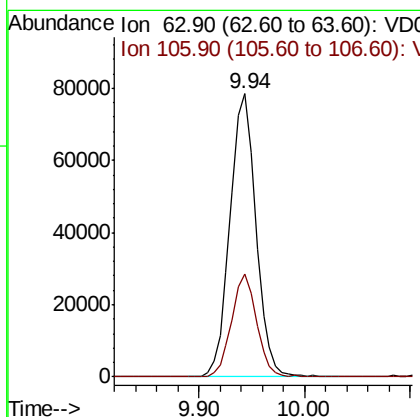
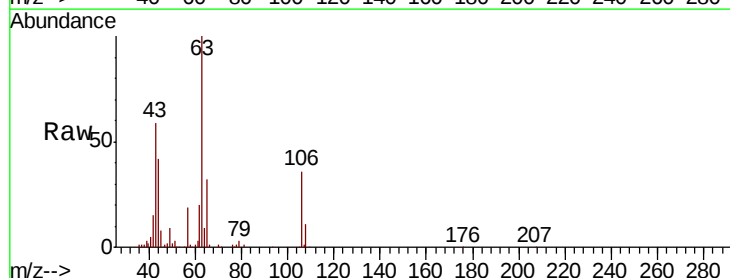
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

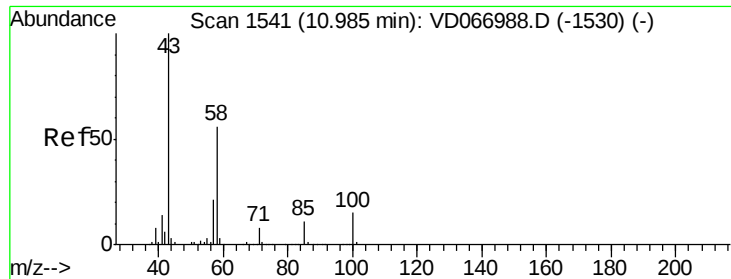
Tot Ion: 76 Resp: 84008
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.387 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion: 63 Resp: 133813
 Ion Ratio Lower Upper
 63 100
 106 34.9 25.3 37.9

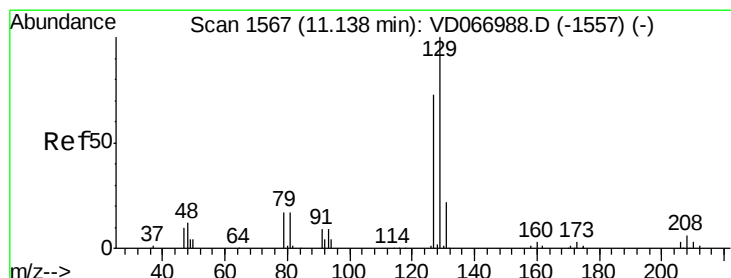
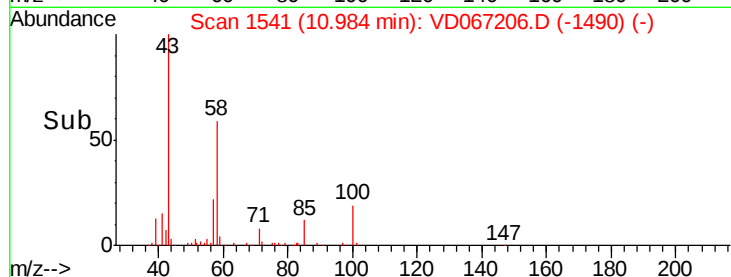
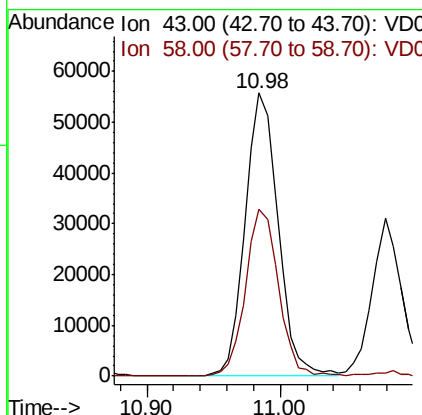
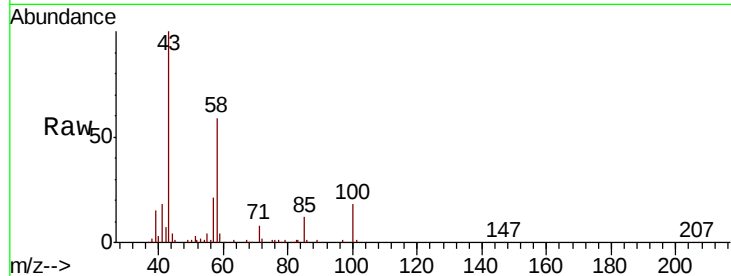




#59
2-Hexanone
Concen: 90.728 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

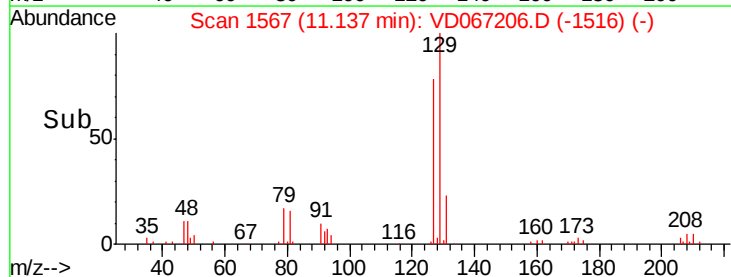
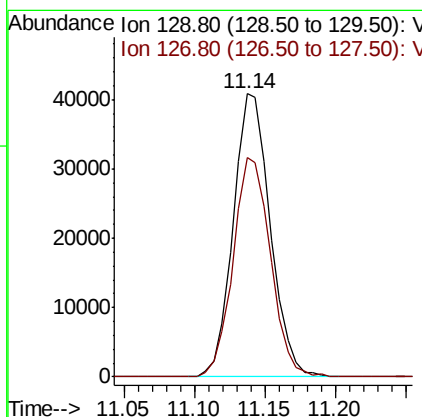
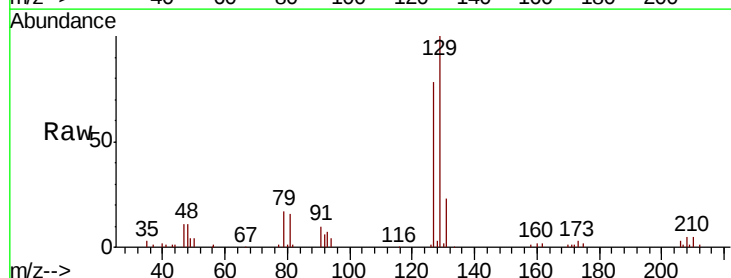
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

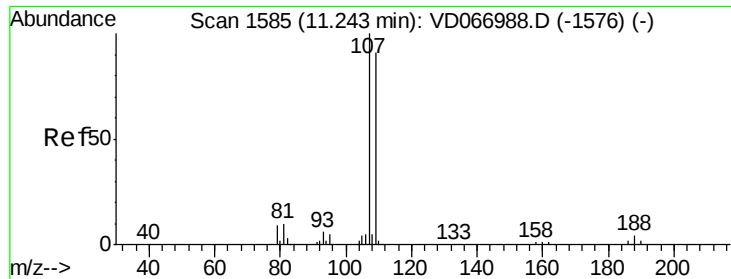
Tot Ion: 43 Resp: 95098
Ion Ratio Lower Upper
43 100
58 59.0 28.3 84.9



#60
Dibromochloromethane
Concen: 21.778 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 129 Resp: 74780
Ion Ratio Lower Upper
129 100
127 78.0 37.4 112.1

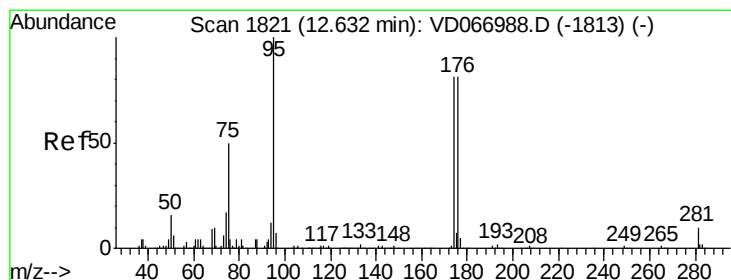
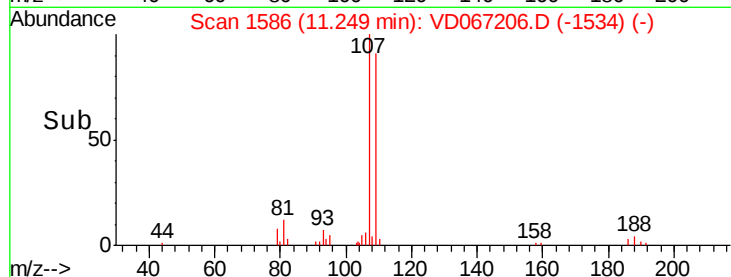
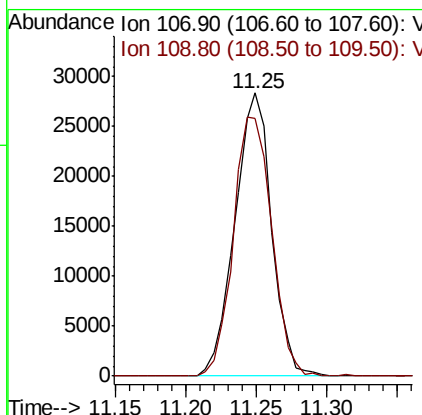
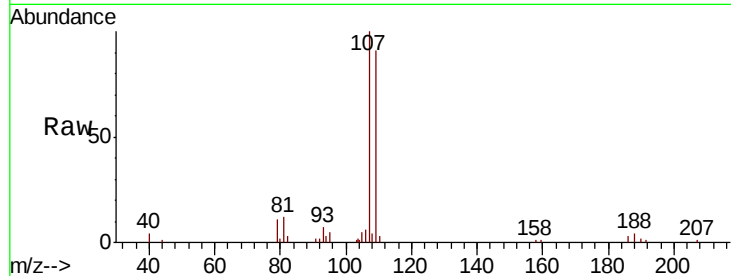




#61
 1,2-Dibromoethane
 Concen: 20.806 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

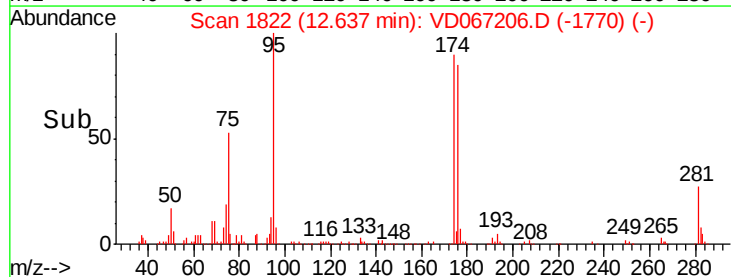
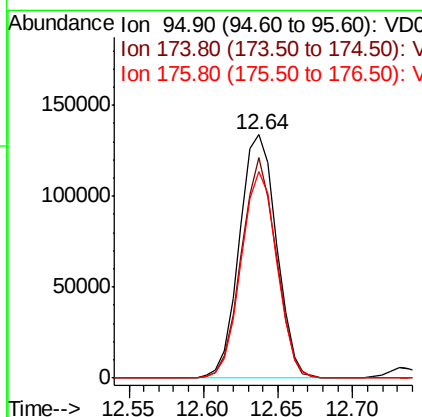
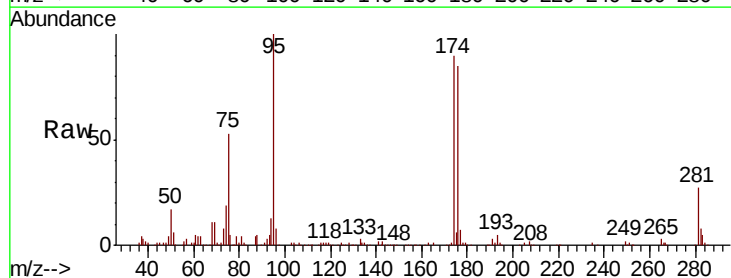
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

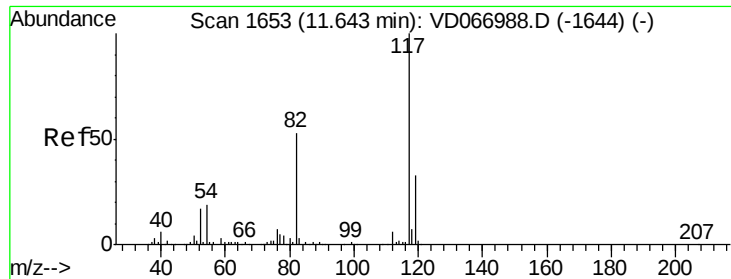
Tot Ion:107 Resp: 51498
 Ion Ratio Lower Upper
 107 100
 109 95.7 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 53.729 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion: 95 Resp: 230618
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 167.6
 176 82.0 0.0 162.4

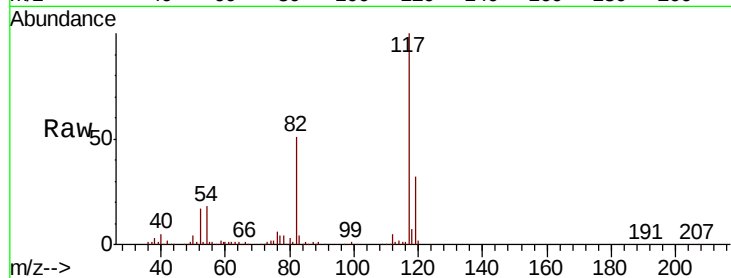




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.6	63.8
119	31.8	26.3	39.5

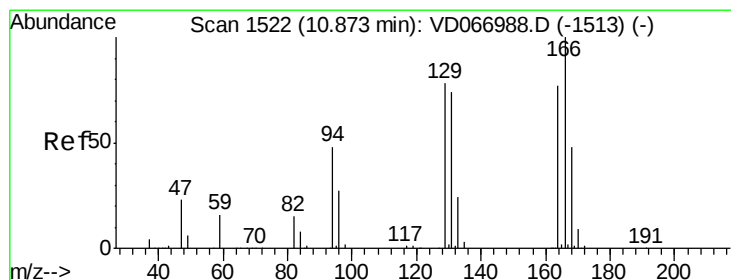
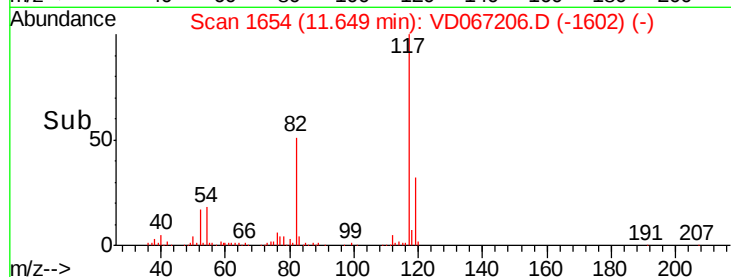
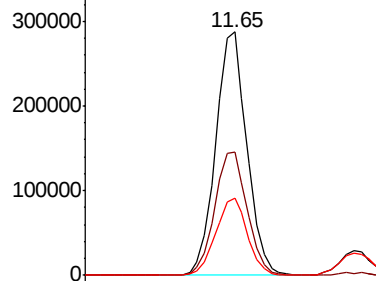


Abundance

Ion 116.90 (116.60 to 117.60): V

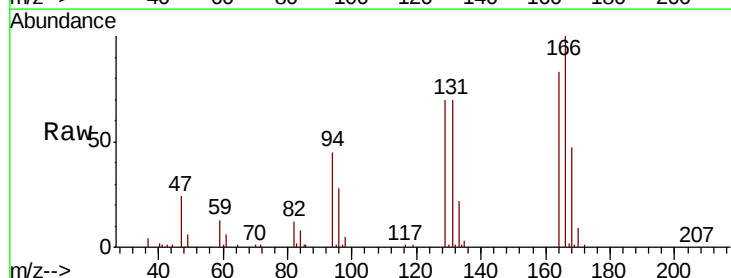
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.802 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.5	104.4	156.6
129	84.7	81.3	121.9
131	84.4	77.1	115.7



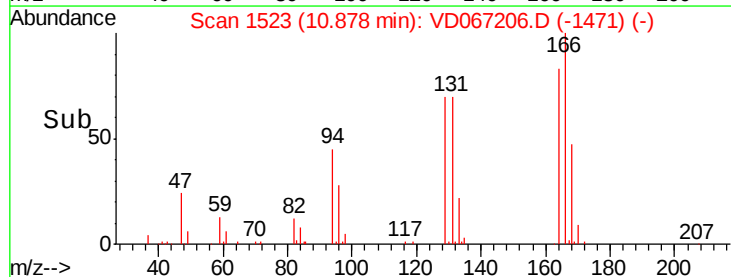
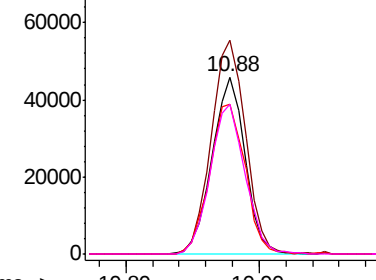
Abundance

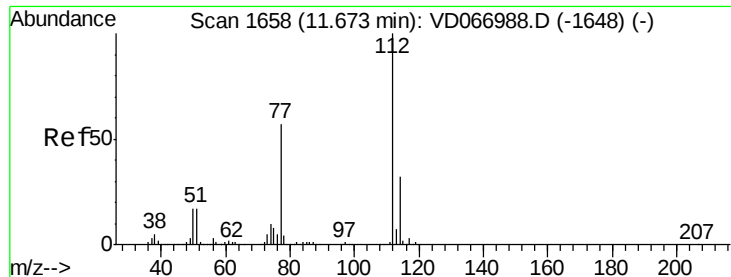
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

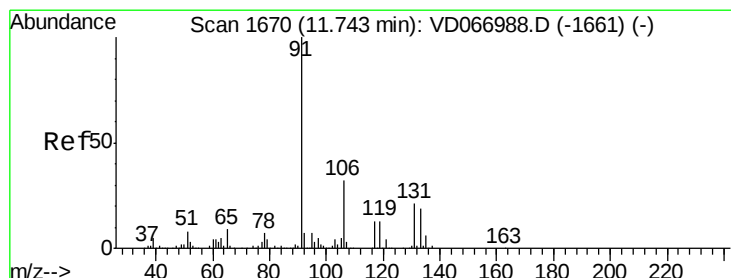
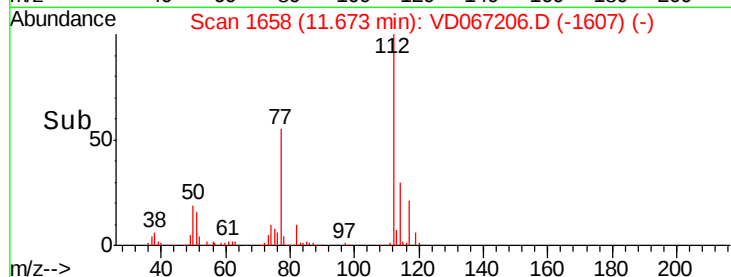
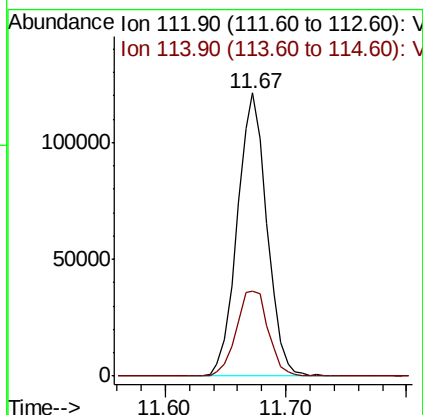
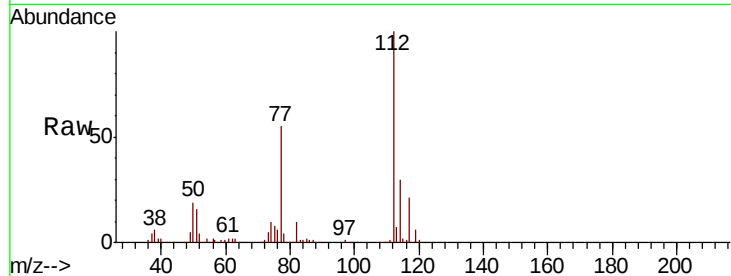




#65
Chlorobenzene
Concen: 21.152 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

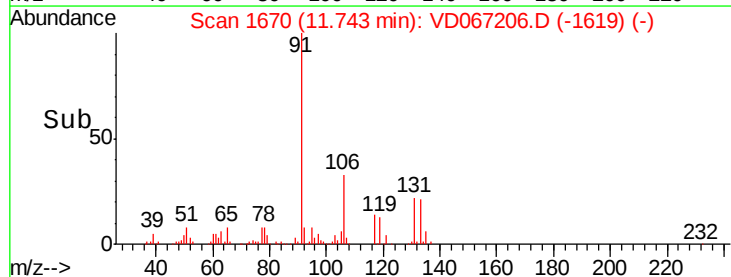
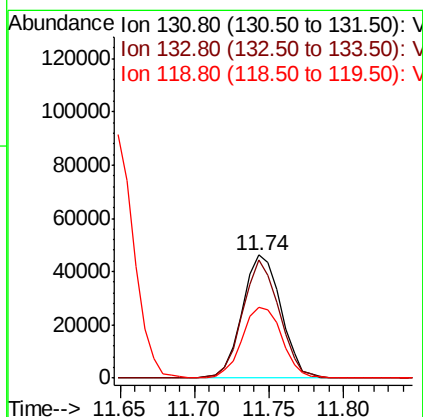
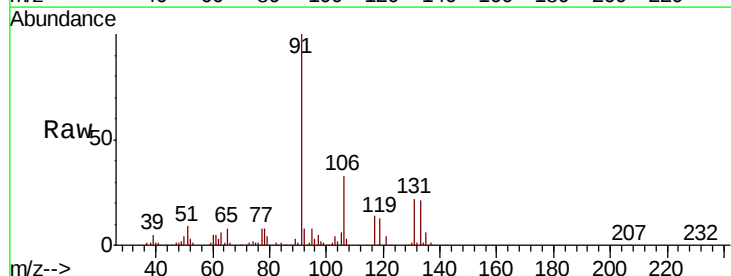
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

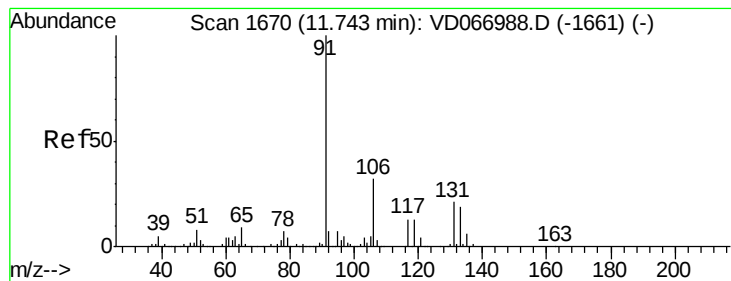
Tot Ion:112 Resp: 207089
Ion Ratio Lower Upper
112 100
114 30.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.303 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion:131 Resp: 83060
Ion Ratio Lower Upper
131 100
133 91.6 47.8 143.3
119 59.5 32.3 96.8





#67

Ethyl Benzene

Concen: 21.443 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

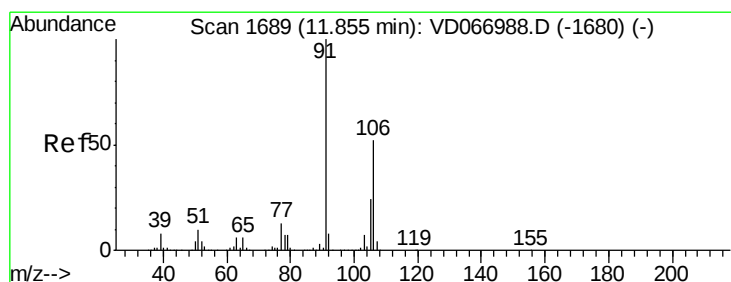
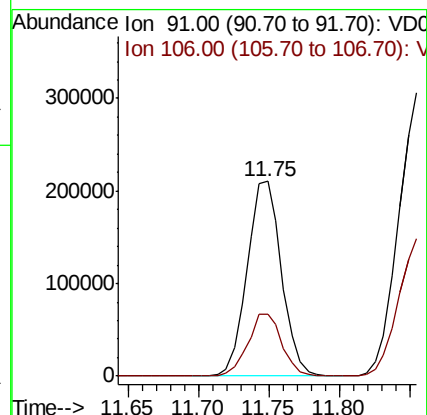
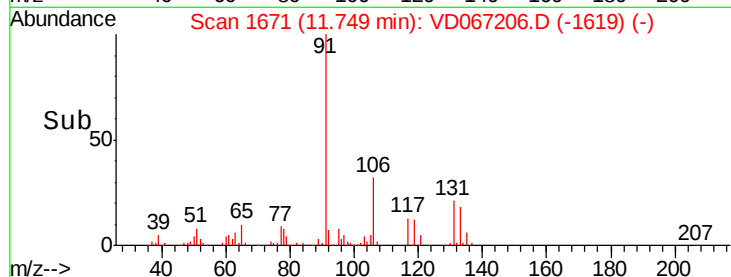
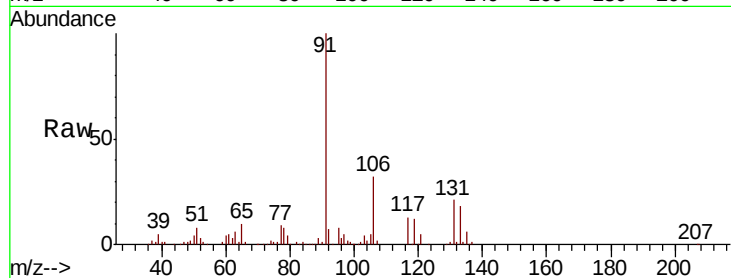
VD1009SBS01

Tot Ion: 91 Resp: 359701

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.2



#68

m/p-Xylenes

Concen: 42.547 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD067206.D

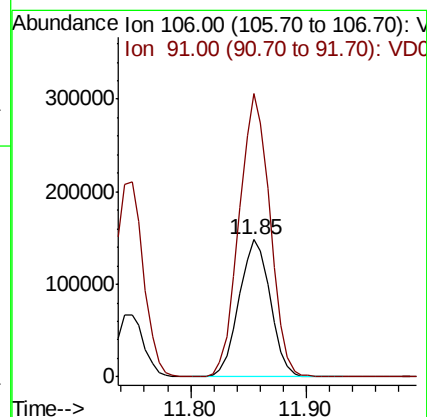
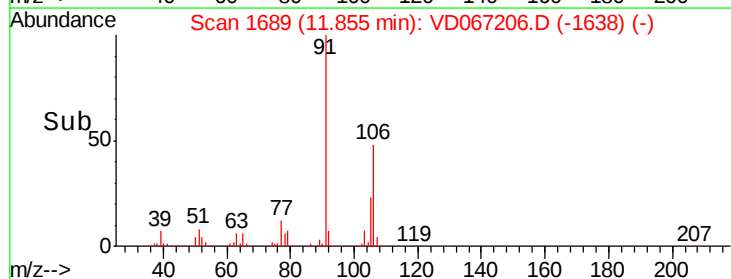
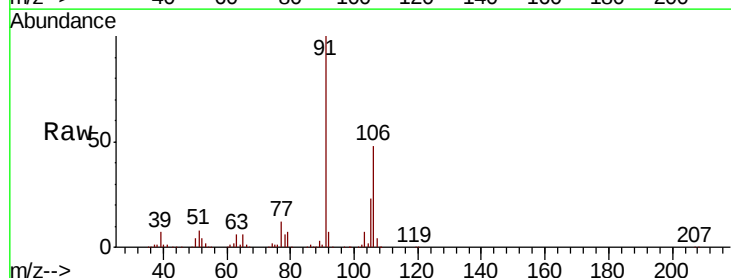
Acq: 09 Oct 2020 12:44

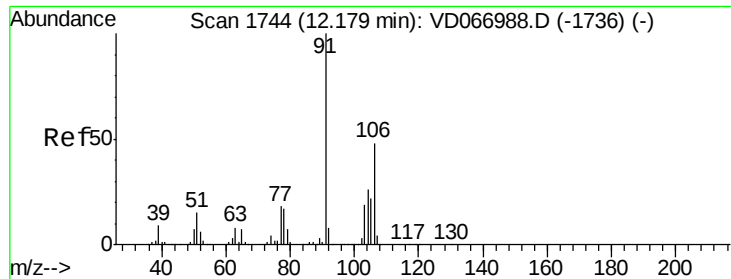
Tgt Ion: 106 Resp: 278148

Ion Ratio Lower Upper

106 100

91 203.9 158.4 237.6

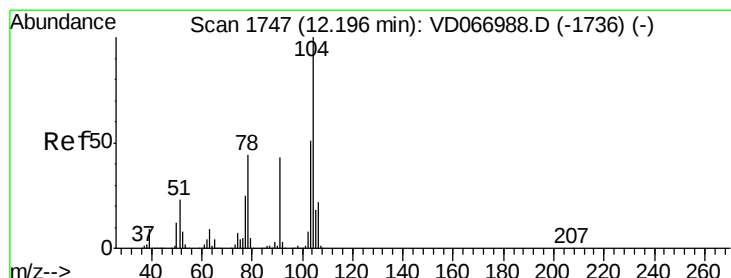
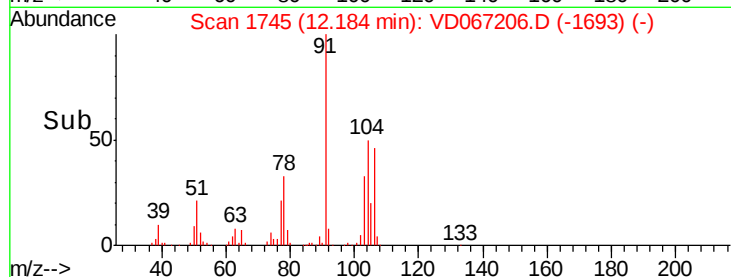
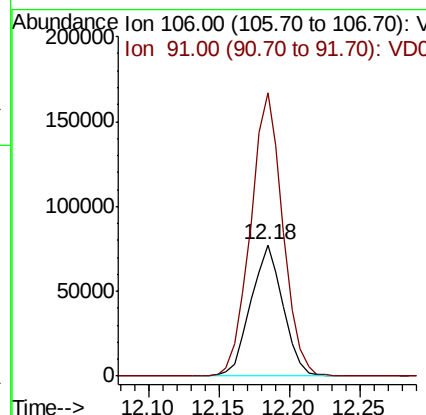
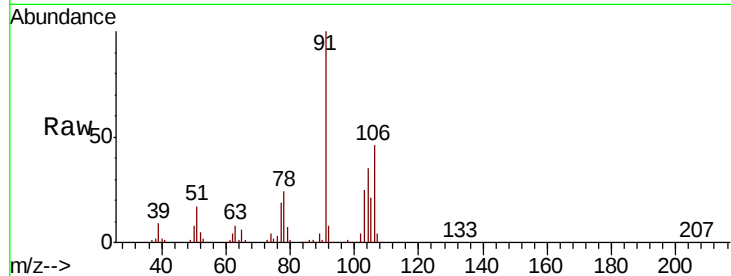




#69
o-Xylene
Concen: 21.170 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

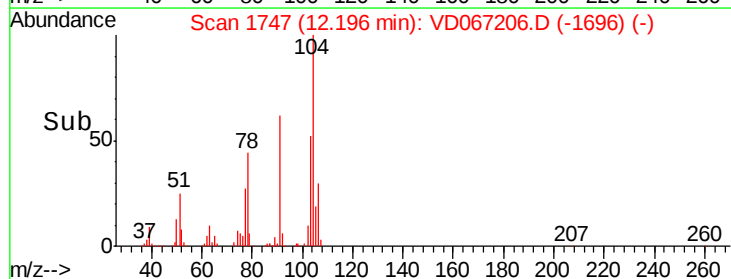
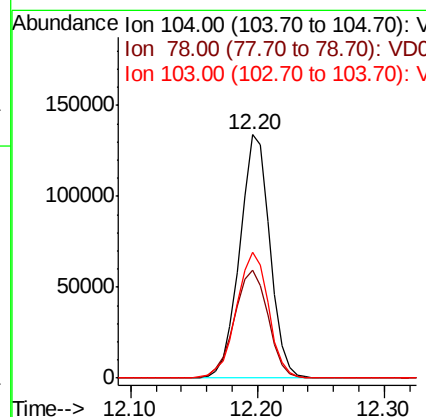
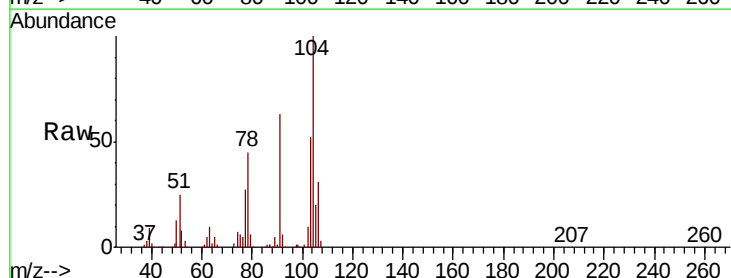
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

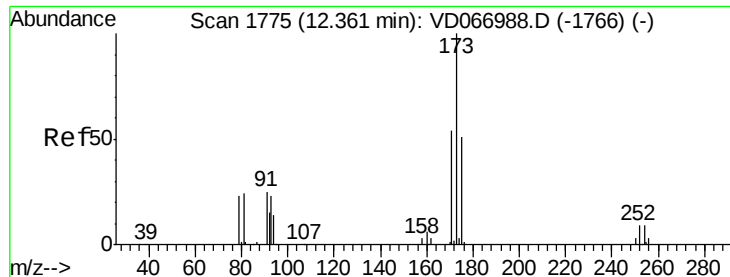
Tot Ion:106 Resp: 123759
Ion Ratio Lower Upper
106 100
91 216.5 102.4 307.2



#70
Styrene
Concen: 21.976 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion:104 Resp: 220612
Ion Ratio Lower Upper
104 100
78 49.8 38.6 58.0
103 55.0 43.4 65.0





#71

Bromoform

Concen: 22.574 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

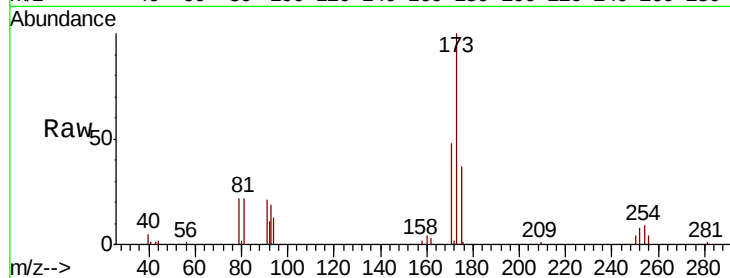
Tot Ion:173 Resp: 43638

Ion Ratio Lower Upper

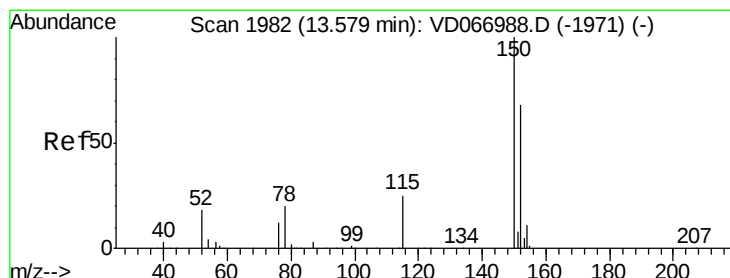
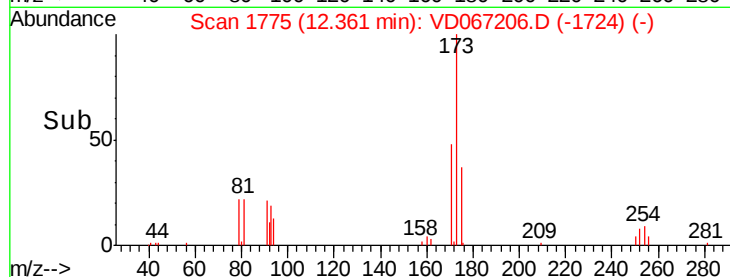
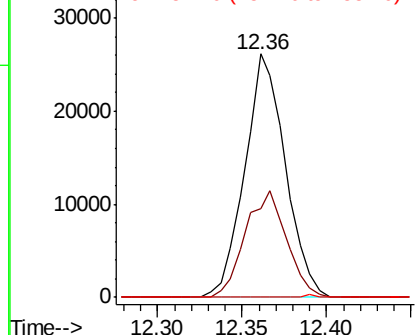
173 100

175 44.7 24.9 74.7

254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

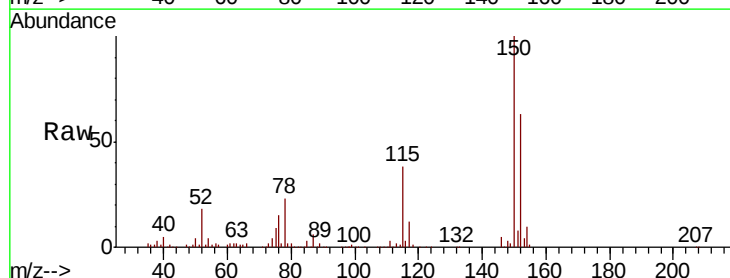
Tgt Ion:152 Resp: 250160

Ion Ratio Lower Upper

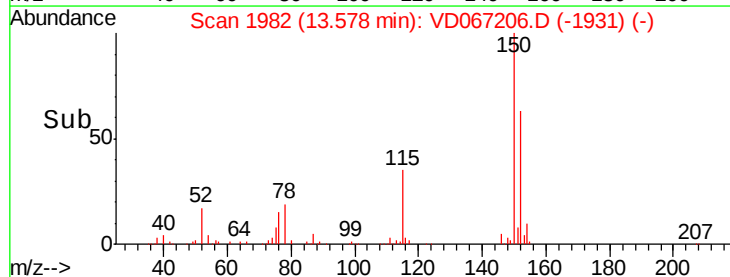
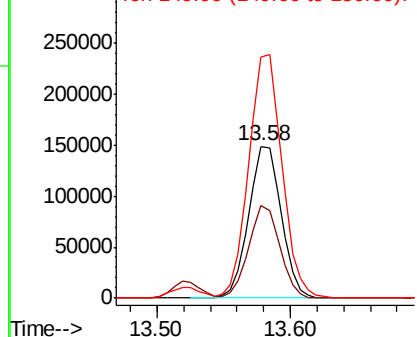
152 100

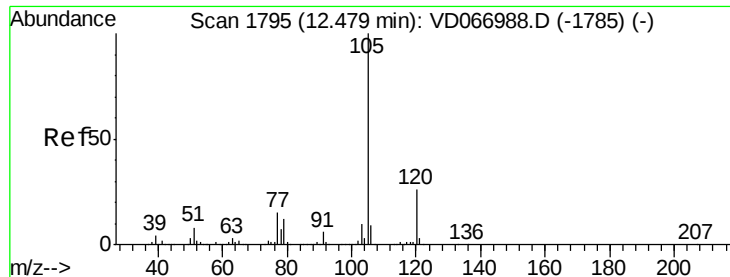
115 58.4 29.6 88.8

150 164.0 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.738 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

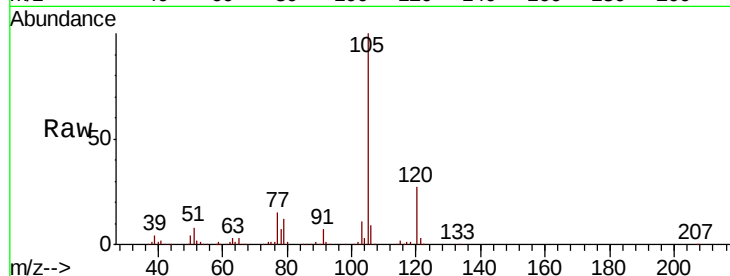
VD1009SBS01

Tot Ion:105 Resp: 352264

Ion Ratio Lower Upper

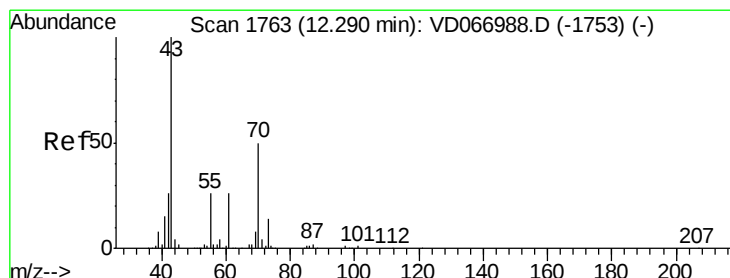
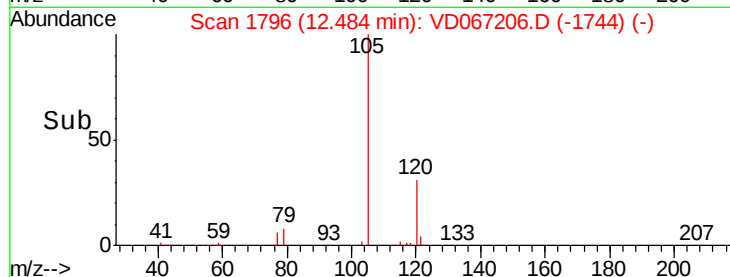
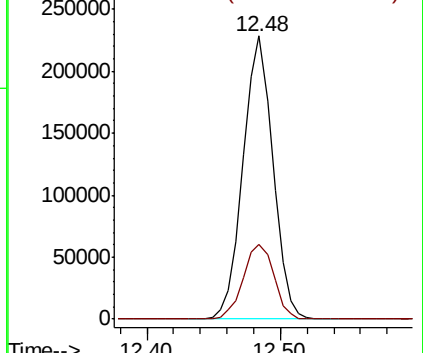
105 100

120 27.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.748 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Tgt Ion: 43 Resp: 51140

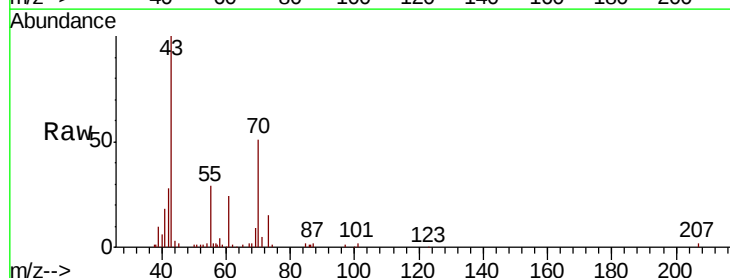
Ion Ratio Lower Upper

43 100

70 54.7 38.2 57.2

55 31.1 22.4 33.6

61 27.0 20.6 31.0

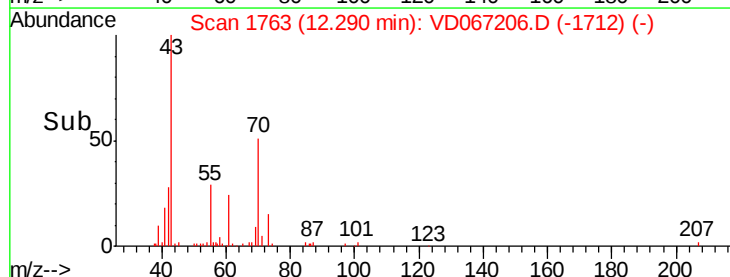
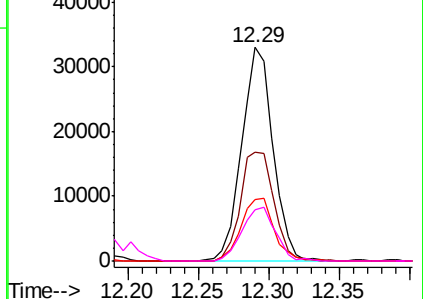


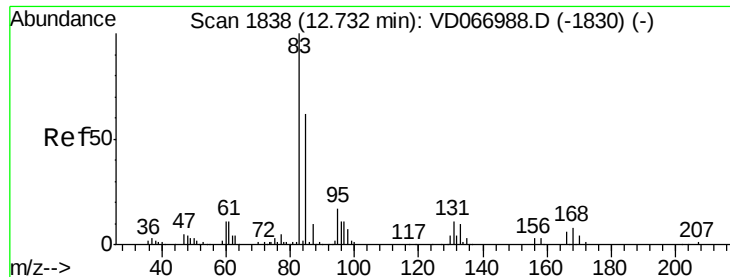
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.442 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

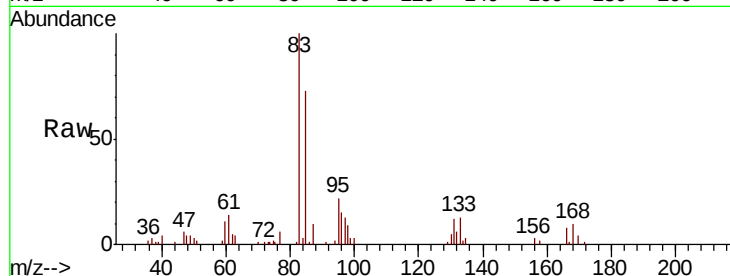
Tot Ion: 83 Resp: 49919

Ion Ratio Lower Upper

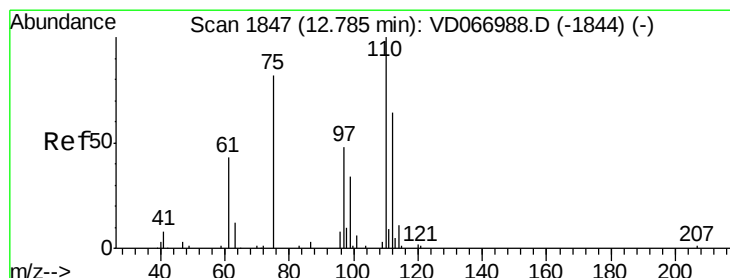
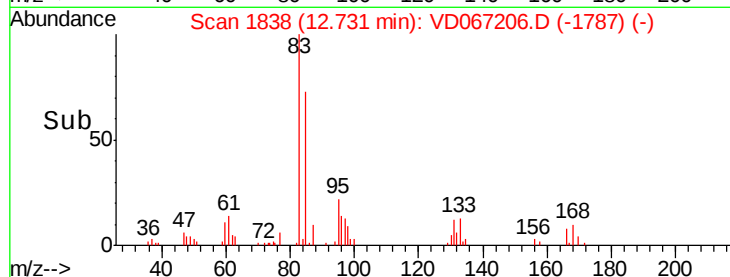
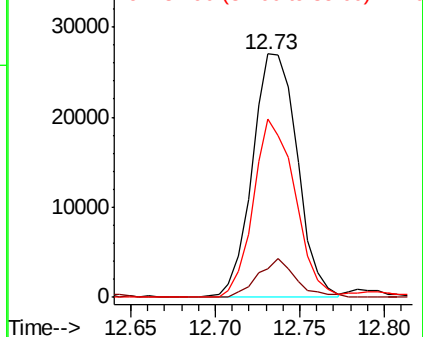
83 100

131 13.5 5.7 17.0

85 68.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 32.409 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067206.D

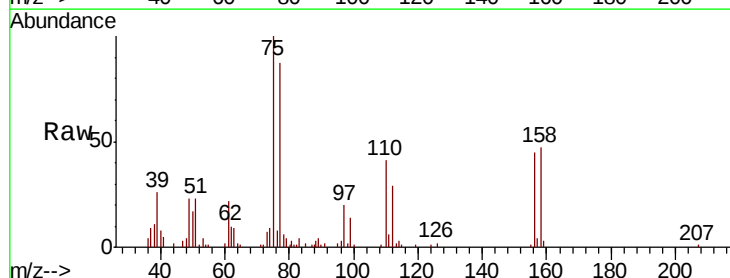
Acq: 09 Oct 2020 12:44

Tgt Ion: 75 Resp: 70618

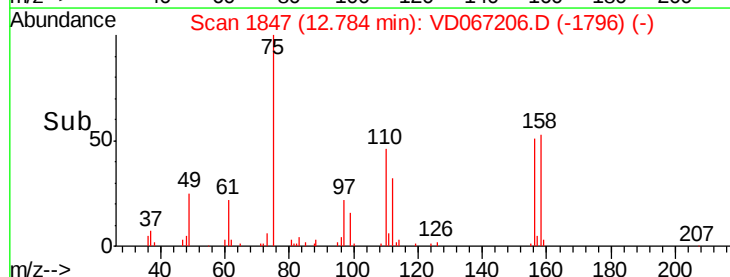
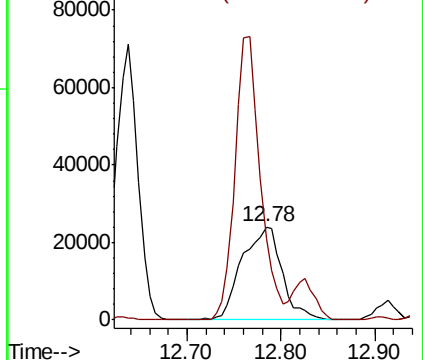
Ion Ratio Lower Upper

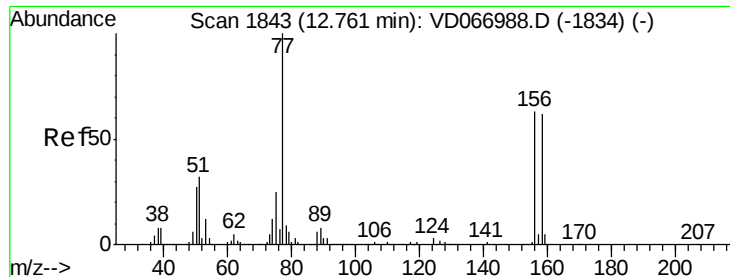
75 100

77 194.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.434 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

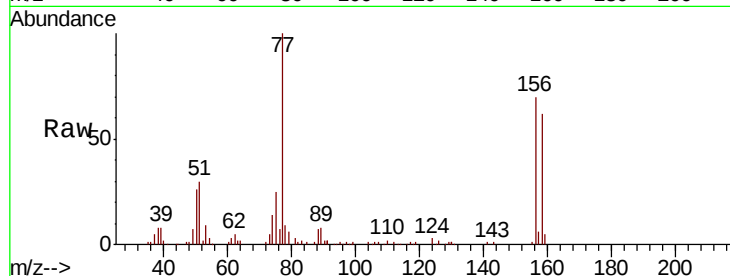
Tot Ion:156 Resp: 87913

Ion Ratio Lower Upper

156 100

77 156.1 86.3 258.8

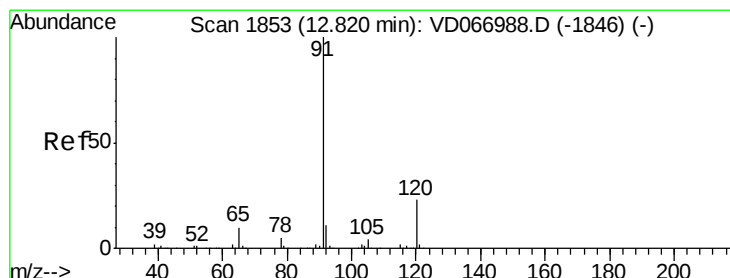
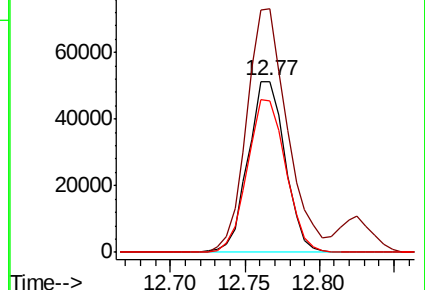
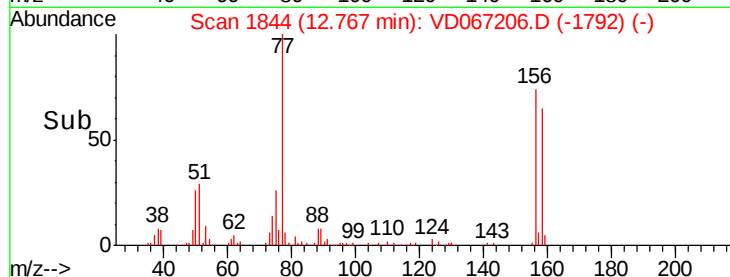
158 92.6 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.810 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067206.D

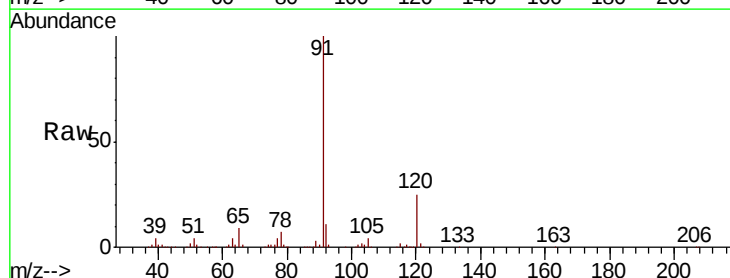
Acq: 09 Oct 2020 12:44

Tgt Ion: 91 Resp: 417751

Ion Ratio Lower Upper

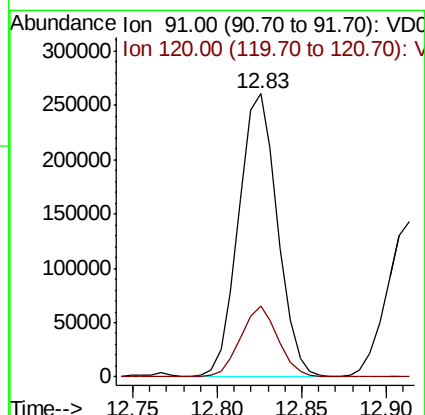
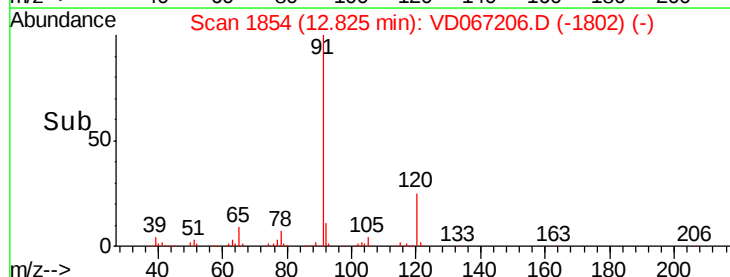
91 100

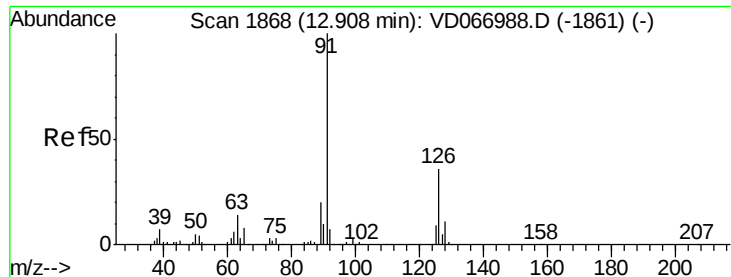
120 24.0 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

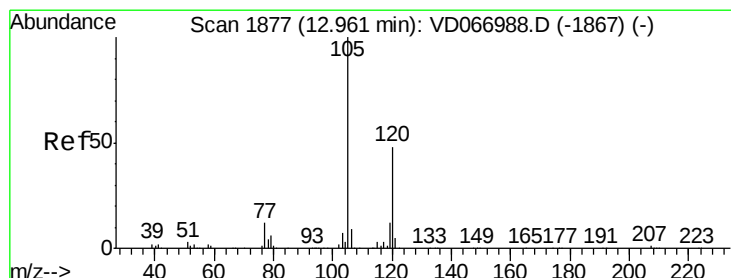
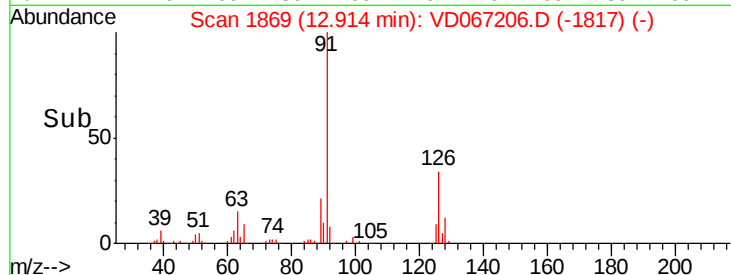
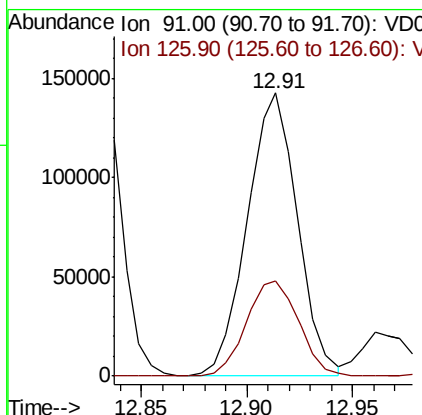
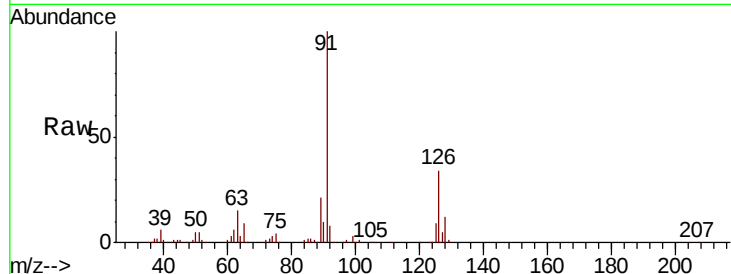




#79
 2-Chlorotoluene
 Concen: 20.431 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

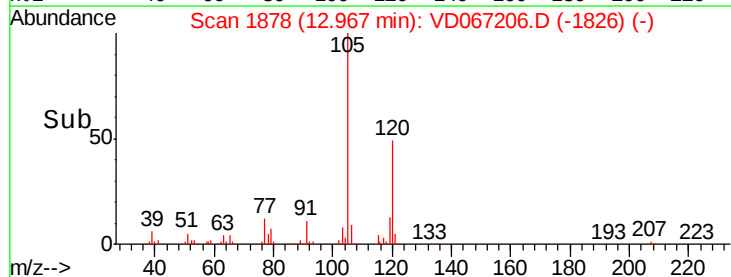
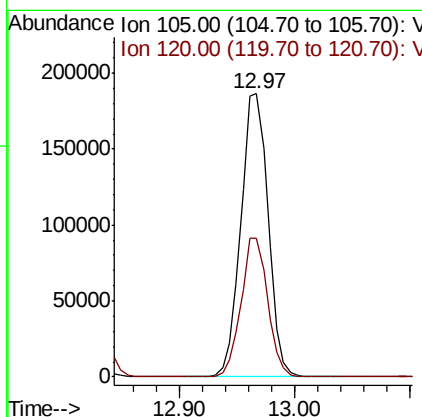
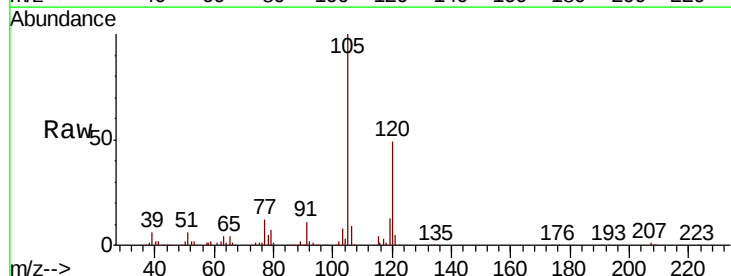
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

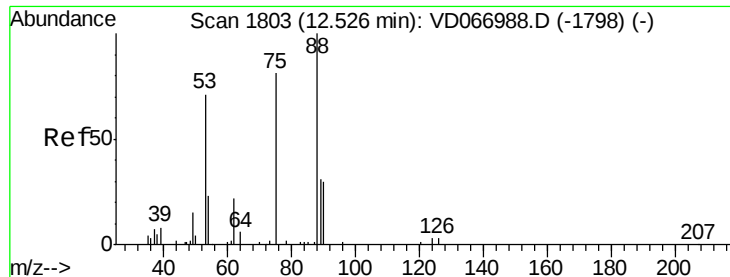
Tot Ion: 91 Resp: 234660
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.369 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion: 105 Resp: 306667
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.6 74.0

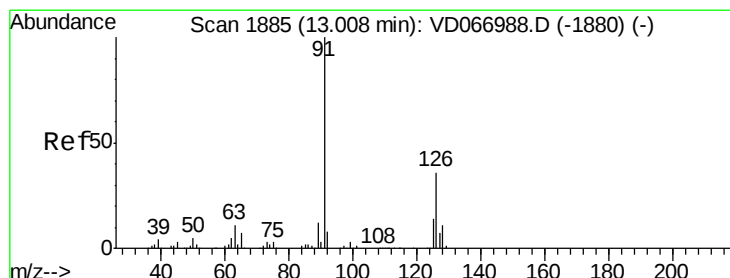
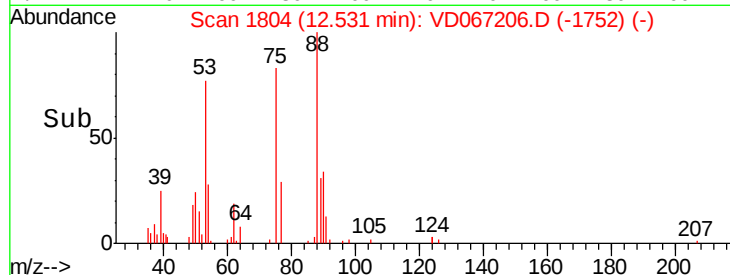
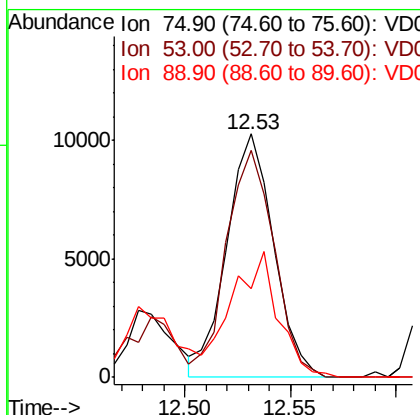
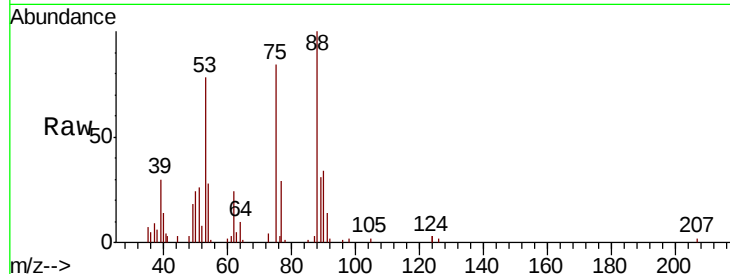




#81
trans-1,4-Dichloro-2-butene
Concen: 18.056 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

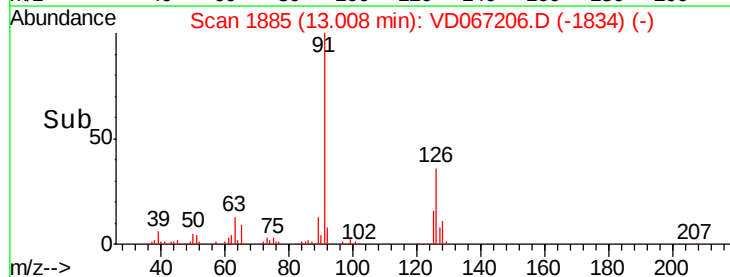
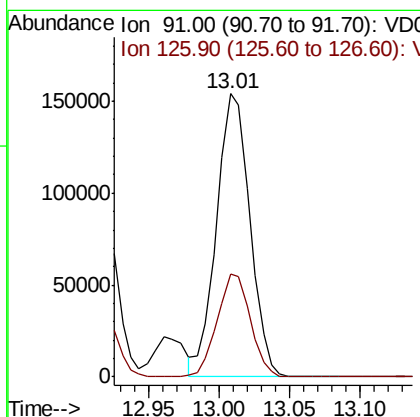
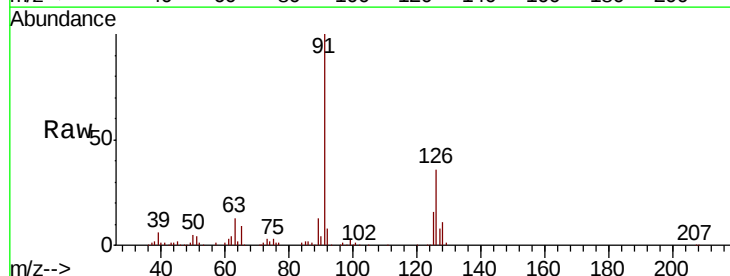
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

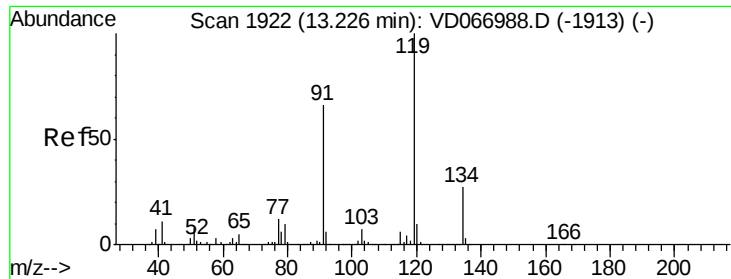
Tot Ion: 75 Resp: 15781
Ion Ratio Lower Upper
75 100
53 95.0 73.8 110.6
89 51.3 38.9 58.3



#82
4-Chlorotoluene
Concen: 20.761 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 91 Resp: 253706
Ion Ratio Lower Upper
91 100
126 36.0 17.5 52.5

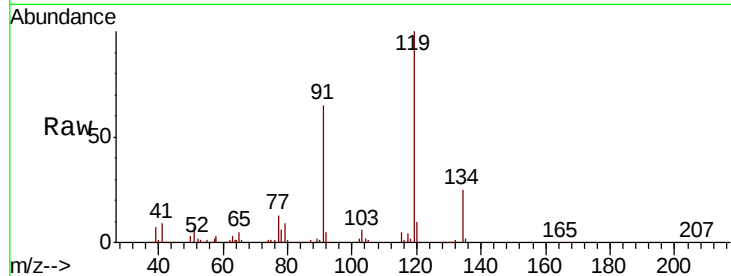




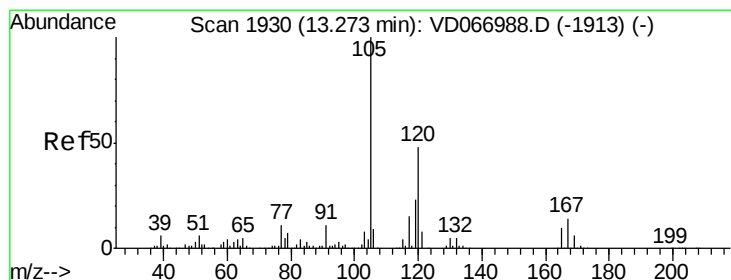
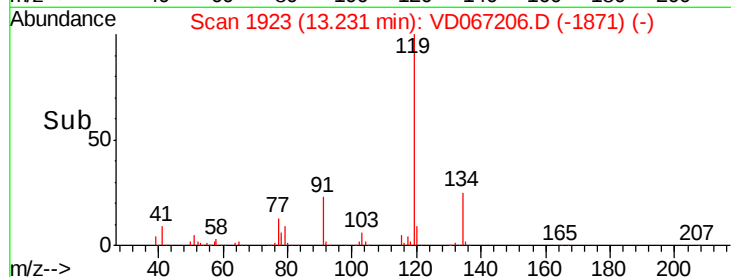
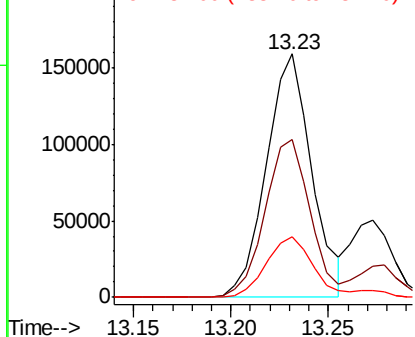
#83
tert-Butylbenzene
Concen: 21.217 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion:119 Resp: 256413
Ion Ratio Lower Upper
119 100
91 64.4 32.8 98.3
134 25.5 13.9 41.7

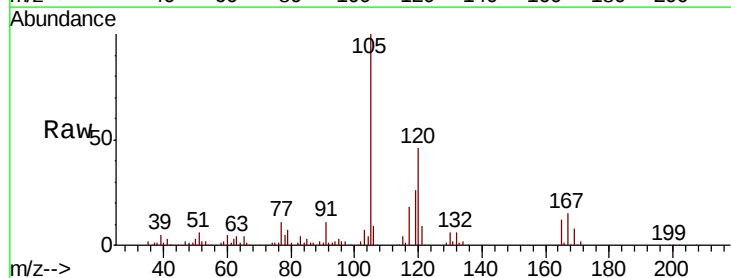


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

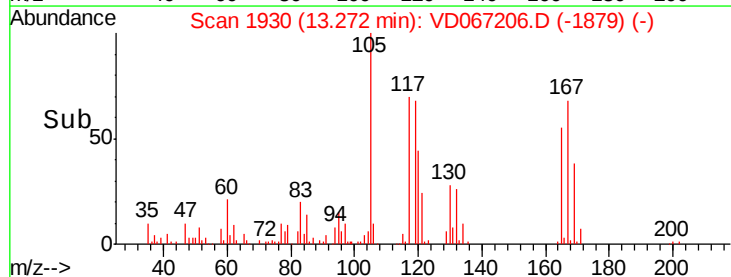
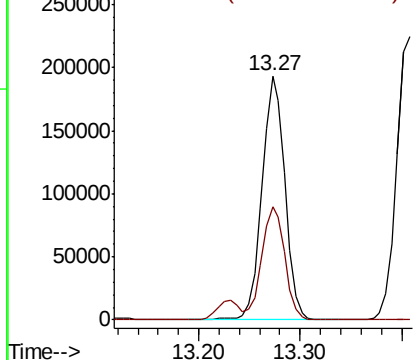


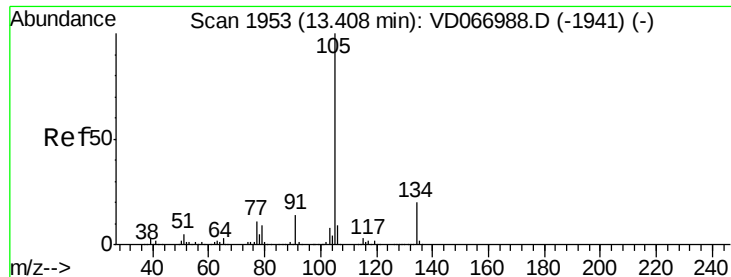
#84
1,2,4-Trimethylbenzene
Concen: 21.307 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion:105 Resp: 305165
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.857 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

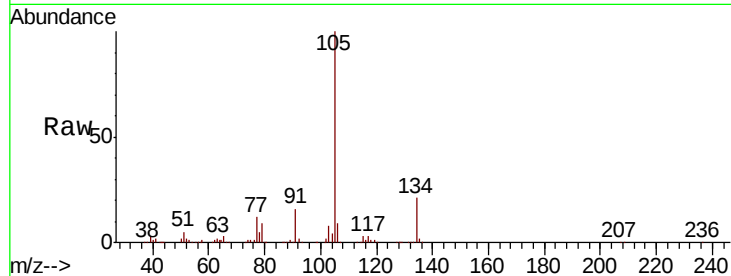
VD1009SBS01

Tot Ion:105 Resp: 354968

Ion Ratio Lower Upper

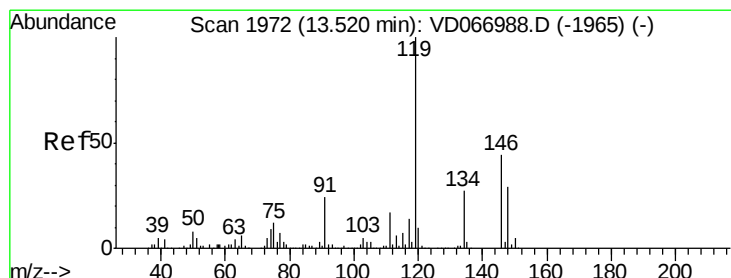
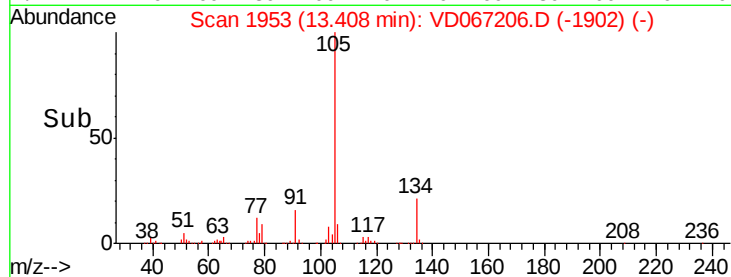
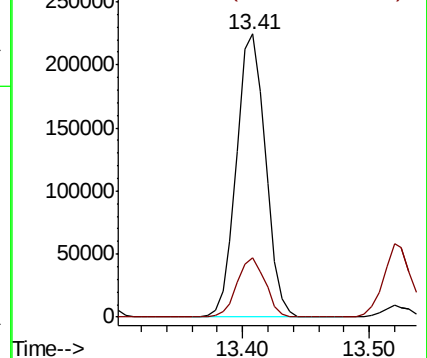
105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.066 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

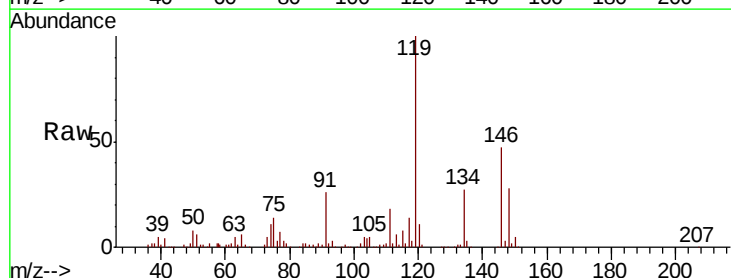
Tgt Ion:119 Resp: 332398

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

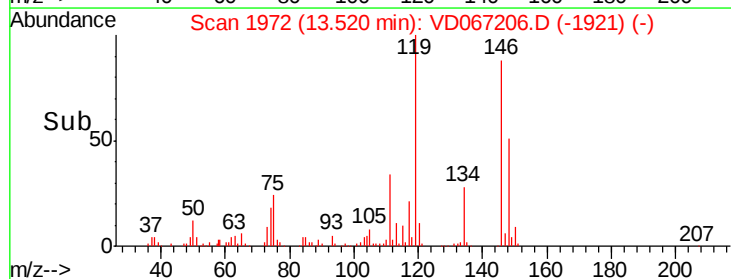
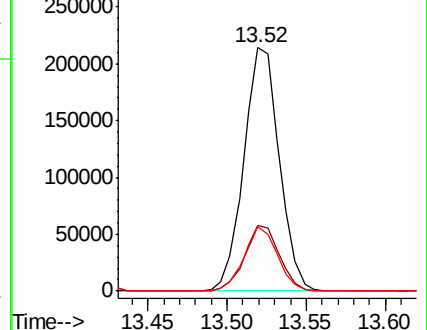
91 24.8 11.7 35.1

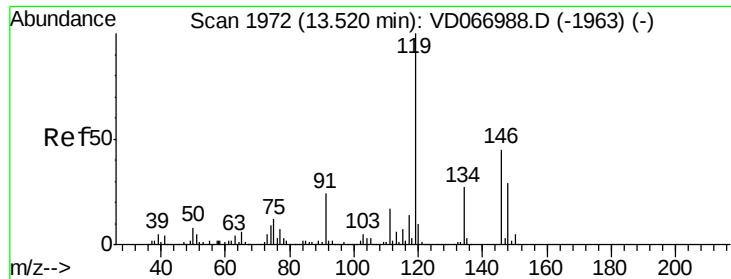


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

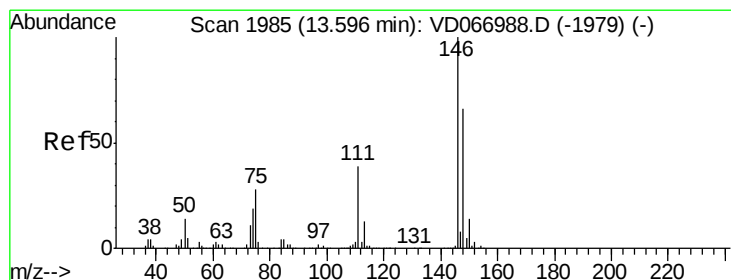
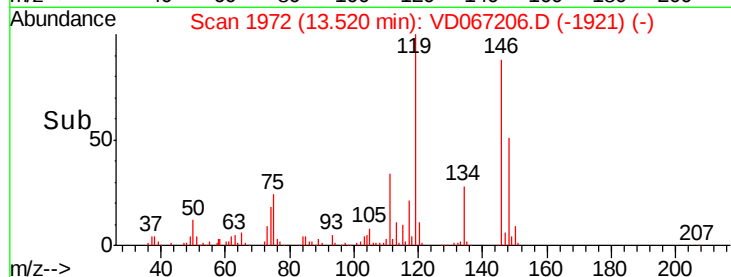
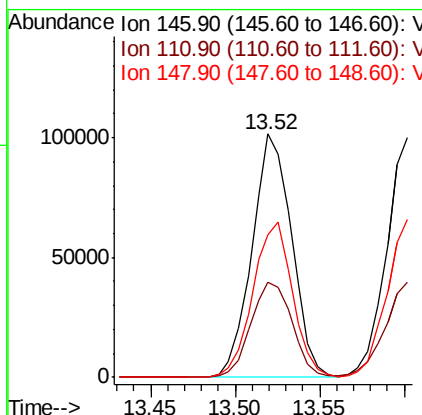
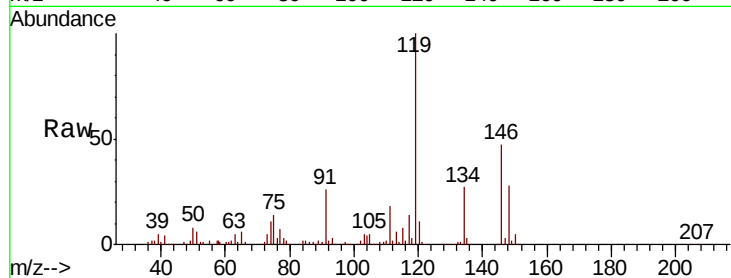




#87
 1,3-Dichlorobenzene
 Concen: 20.783 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

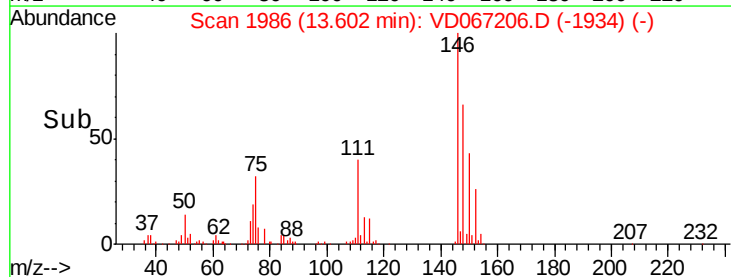
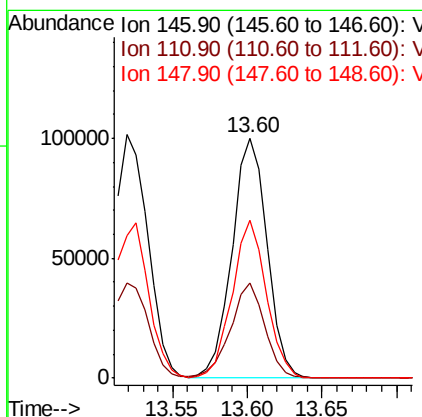
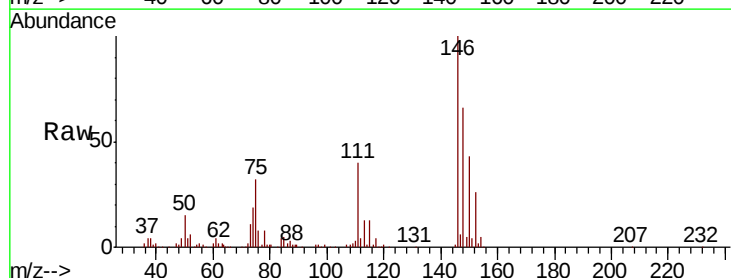
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

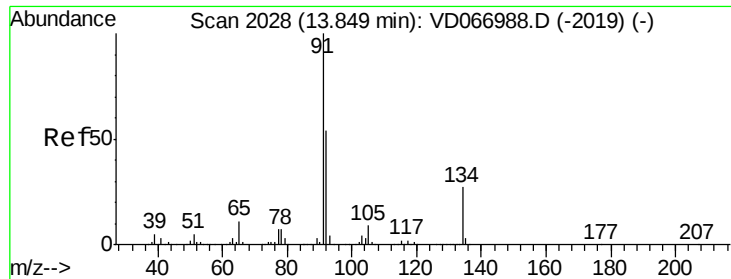
Tot Ion:146 Resp: 166040
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 63.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.517 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion:146 Resp: 163894
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 64.1 32.6 97.7

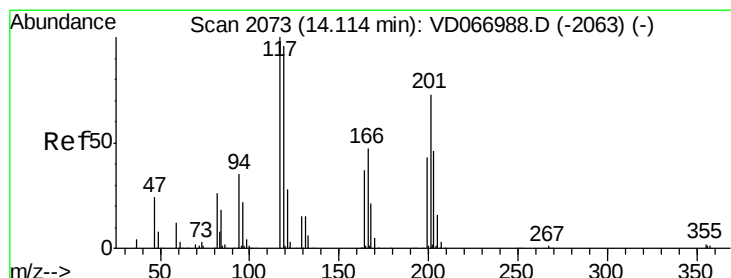
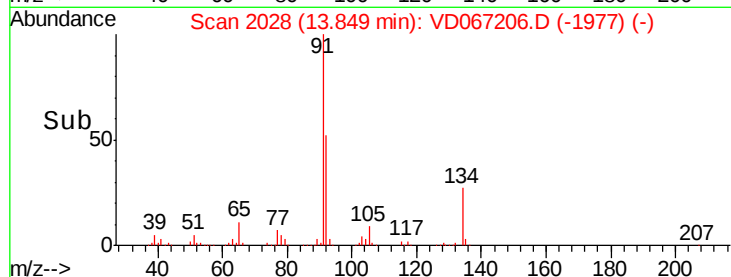
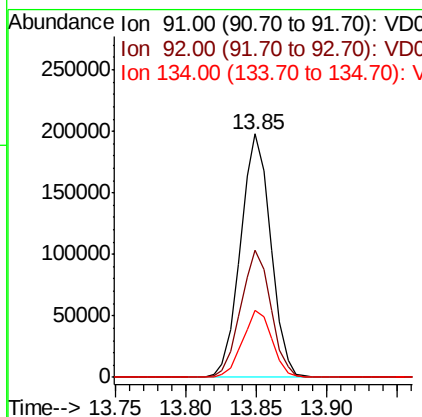
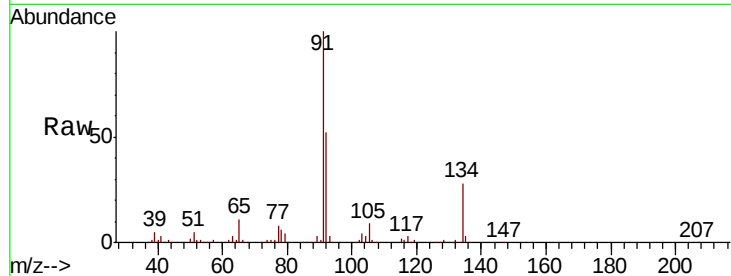




#89
n-Butylbenzene
Concen: 20.576 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

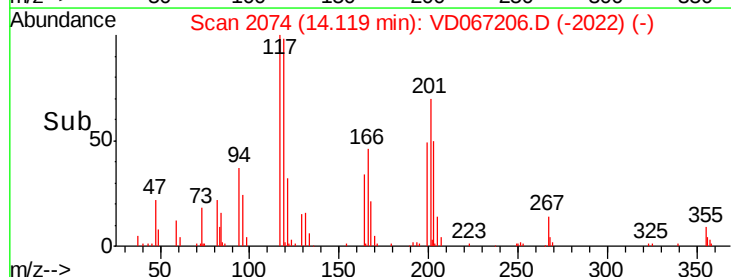
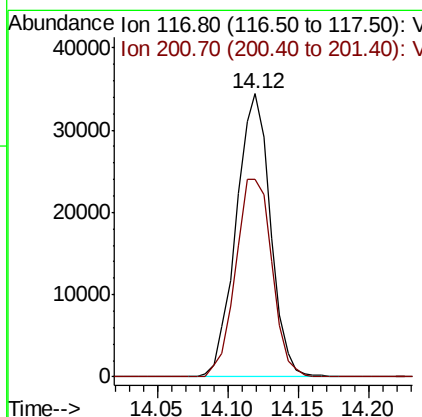
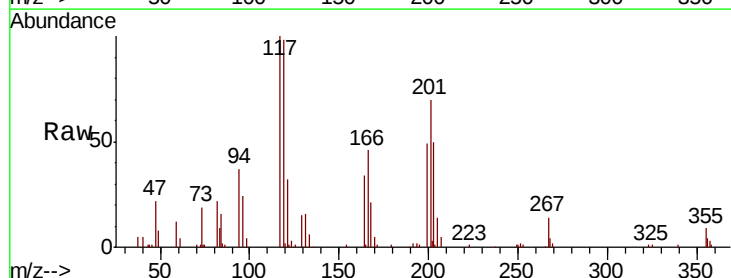
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

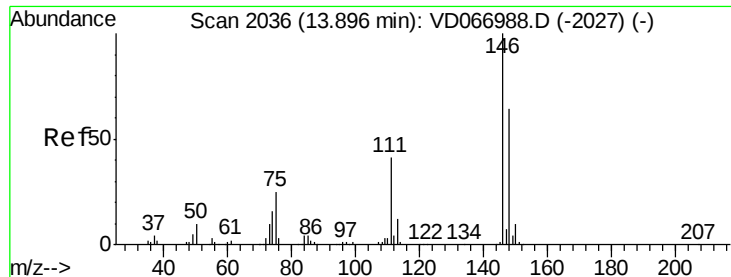
Tot Ion: 91 Resp: 296717
Ion Ratio Lower Upper
91 100
92 52.2 27.1 81.2
134 27.0 13.6 40.8



#90
Hexachloroethane
Concen: 21.154 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion: 117 Resp: 58467
Ion Ratio Lower Upper
117 100
201 74.1 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 20.548 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBS01

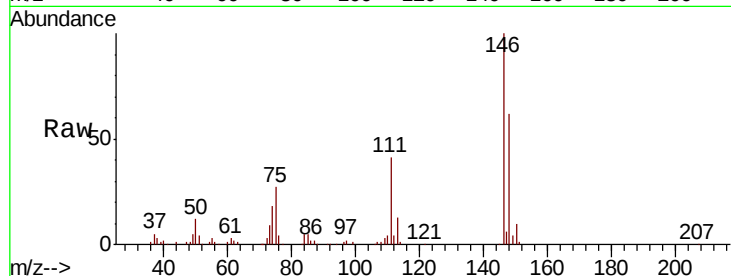
Tot Ion:146 Resp: 143364

Ion Ratio Lower Upper

146 100

111 42.0 20.9 62.7

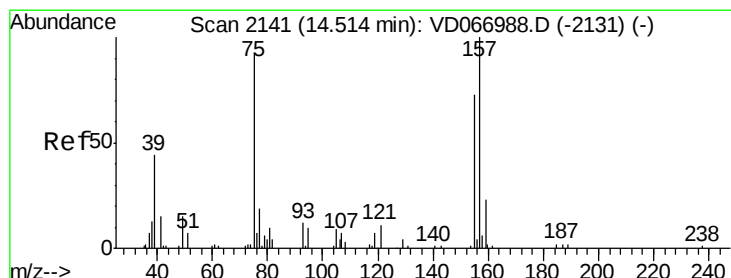
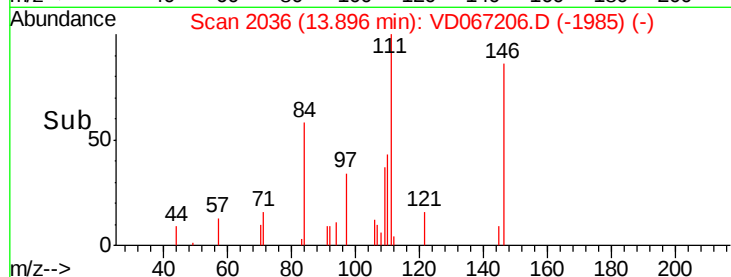
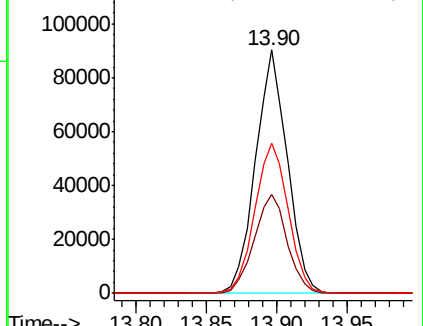
148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.037 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD067206.D

Acq: 09 Oct 2020 12:44

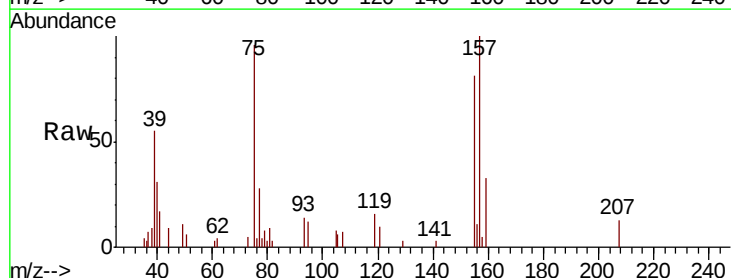
Tgt Ion: 75 Resp: 8321

Ion Ratio Lower Upper

75 100

155 97.9 45.2 135.6

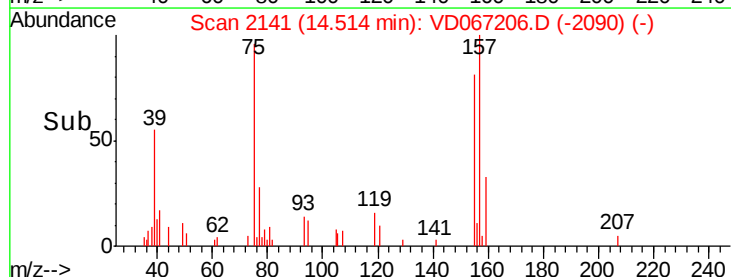
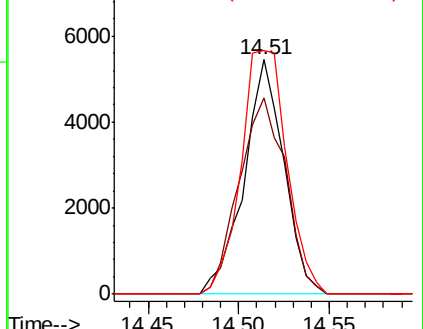
157 120.7 56.3 168.8

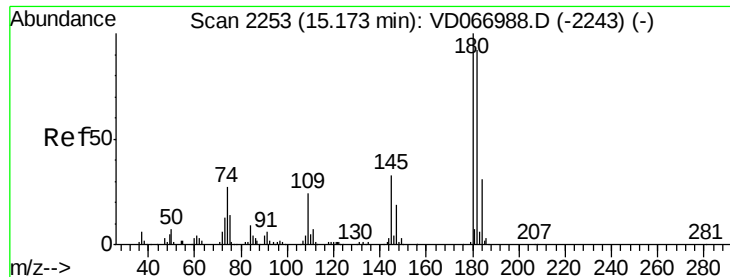


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

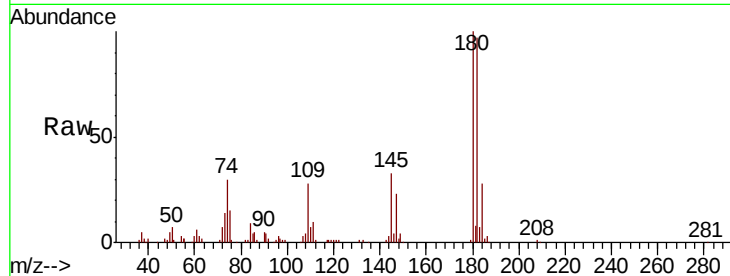




#93
 1,2,4-Trichlorobenzene
 Concen: 21.335 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	32.1	16.4	49.1

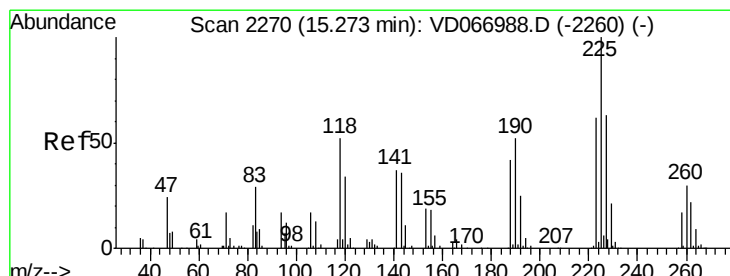
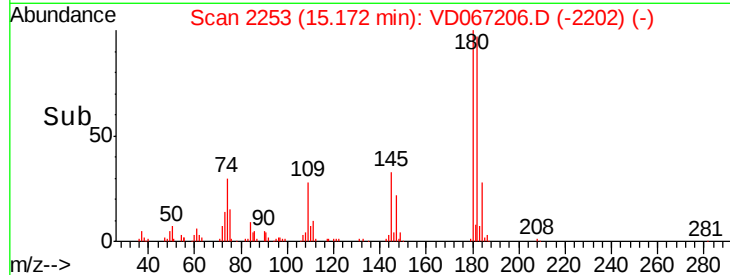
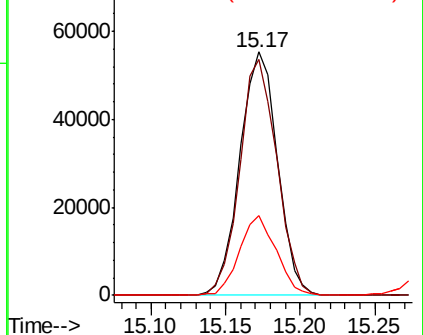


Abundance

Ion 179.80 (179.50 to 180.50): V

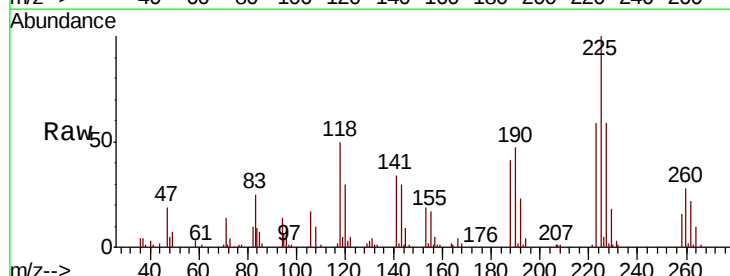
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.870 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067206.D
 Acq: 09 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.4	97.0
227	62.9	31.6	95.0

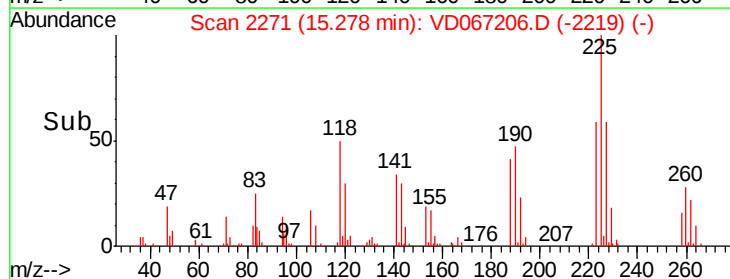
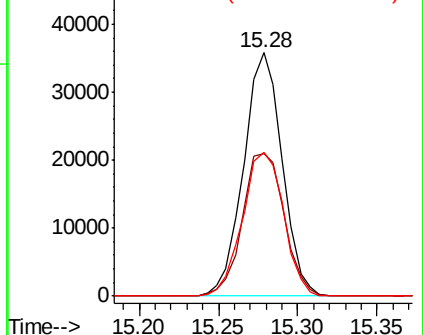


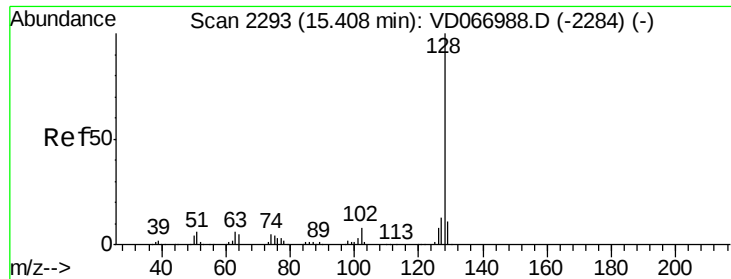
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

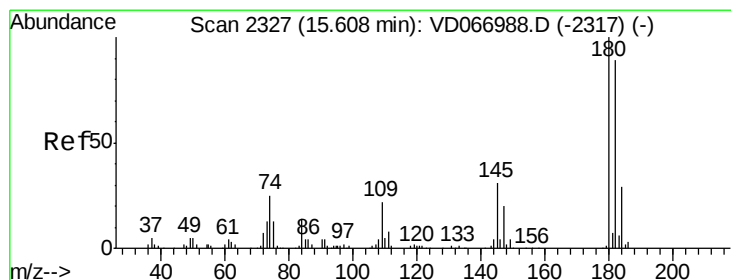
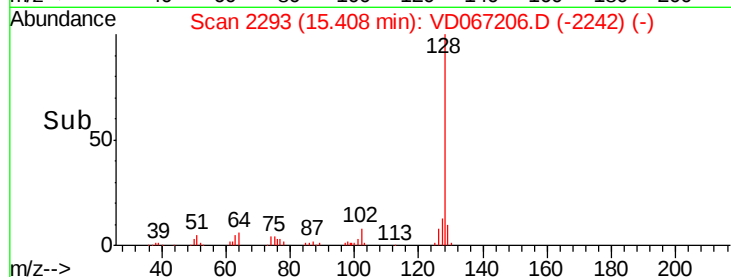
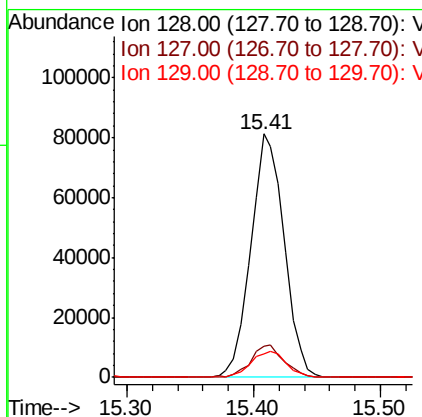
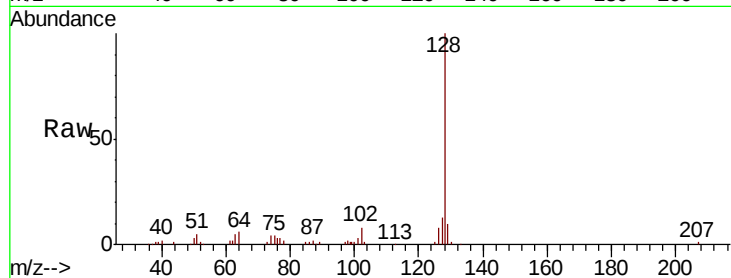




#95
Naphthalene
Concen: 19.731 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

Tot Ion:128 Resp: 148525
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.103 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD067206.D
Acq: 09 Oct 2020 12:44

Tgt Ion:180 Resp: 82675
Ion Ratio Lower Upper
180 100
182 95.9 46.4 139.1
145 34.5 16.6 49.7

