

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067168.D
 Acq On : 07 Oct 2020 23:45
 Operator : VA/SY
 Sample : VD1007SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS02

Quant Time: Oct 08 07:28:24 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	348031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	553360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	515758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	178667	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	7.91	113	194766	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
50) Toluene-d8	10.34	98	703646	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.64	95	247519	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	73470	23.606	ug/l	92
3) Chloromethane	2.21	50	53082	19.152	ug/l	95
4) Vinyl Chloride	2.35	62	56736	20.415	ug/l	97
5) Bromomethane	2.76	94	44495	22.453	ug/l	99
6) Chloroethane	2.92	64	34867	20.601	ug/l	99
7) Trichlorofluoromethane	3.27	101	124245	20.122	ug/l	99
8) Diethyl Ether	3.71	74	31605	20.641	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	66680	19.106	ug/l	95
10) Methyl Iodide	4.30	142	68986	20.344	ug/l	99
11) Tert butyl alcohol	5.22	59	26694	108.342	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	61944	18.881	ug/l	95
13) Acrolein	3.93	56	18009	80.231	ug/l	94
14) Allyl chloride	4.71	41	77986	18.298	ug/l	94
15) Acrylonitrile	5.41	53	55716	98.869	ug/l	99
16) Acetone	4.16	43	45495	88.906	ug/l	93
17) Carbon Disulfide	4.41	76	193008	19.169	ug/l	99
18) Methyl Acetate	4.71	43	27478	21.365	ug/l	91
19) Methyl tert-butyl Ether	5.49	73	132206	22.074	ug/l	92
20) Methylene Chloride	4.96	84	91385	20.937	ug/l	89
21) trans-1,2-Dichloroethene	5.47	96	75419	20.200	ug/l	95
22) Diisopropyl ether	6.36	45	152583	19.610	ug/l	93
23) Vinyl Acetate	6.30	43	409433	92.859	ug/l	99
24) 1,1-Dichloroethane	6.27	63	122648	20.425	ug/l	99
25) 2-Butanone	7.21	43	66670	91.895	ug/l	99
26) 2,2-Dichloropropane	7.21	77	104506	17.686	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	82399	20.664	ug/l	99
28) Bromochloromethane	7.55	49	42115	18.161	ug/l	89
29) Tetrahydrofuran	7.56	42	38277	91.757	ug/l	93
30) Chloroform	7.71	83	141354	21.700	ug/l	99
31) Cyclohexane	7.98	56	88155	17.511	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	124505	20.624	ug/l	99
36) 1,1-Dichloropropene	8.11	75	96266	18.664	ug/l	96
37) Ethyl Acetate	7.30	43	31800	17.797	ug/l	97
38) Carbon Tetrachloride	8.10	117	116013	20.788	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	97573	17.893	ug/l	93
40) Benzene	8.35	78	287786	20.088	ug/l	100
41) Methacrylonitrile	7.53	41	16042	16.618	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	86580	21.627	ug/l	97
43) Isopropyl Acetate	8.45	43	61491	18.680	ug/l	94
44) Trichloroethene	9.11	130	88865	20.773	ug/l	93
45) 1,2-Dichloropropane	9.39	63	68312	20.294	ug/l	95
46) Dibromomethane	9.47	93	39775	20.559	ug/l	92
47) Bromodichloromethane	9.66	83	106197	21.116	ug/l #	93
48) Methyl methacrylate	9.46	41	27894	16.540	ug/l #	69
49) 1,4-Dioxane	9.46	88	7856	389.062	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	155702	94.962	ug/l	96
52) Toluene	10.40	92	199410	21.608	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	95850	21.325	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	113518	20.683	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	57658	21.436	ug/l	99
56) Ethyl methacrylate	10.66	69	57839	20.827	ug/l	98
57) 1,3-Dichloropropane	10.95	76	93186	21.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	153524	99.325	ug/l	95
59) 2-Hexanone	10.98	43	105528	96.430	ug/l	100
60) Dibromochloromethane	11.14	129	81208	22.652	ug/l	96
61) 1,2-Dibromoethane	11.25	107	55909	21.635	ug/l	97
64) Tetrachloroethene	10.87	164	78999	21.069	ug/l	92
65) Chlorobenzene	11.67	112	216718	21.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	85648	21.950	ug/l	98
67) Ethyl Benzene	11.74	91	363109	20.660	ug/l	96
68) m/p-Xylenes	11.86	106	290373	42.393	ug/l	98
69) o-Xylene	12.18	106	127735	20.854	ug/l	93
70) Styrene	12.20	104	234039	22.252	ug/l	99
71) Bromoform	12.36	173	46414	22.916	ug/l #	96
73) Isopropylbenzene	12.48	105	362092	20.770	ug/l	100
74) N-amyl acetate	12.29	43	56765	18.113	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	58966	20.075	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	76398	34.162	ug/l #	100
77) Bromobenzene	12.77	156	92315	21.930	ug/l	94
78) n-propylbenzene	12.83	91	419264	20.349	ug/l	99
79) 2-Chlorotoluene	12.91	91	245069	20.789	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	309134	20.988	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	17293	19.278	ug/l	97
82) 4-Chlorotoluene	13.01	91	265423	21.163	ug/l	100
83) tert-Butylbenzene	13.23	119	262174	21.137	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	315093	21.436	ug/l	98
85) sec-Butylbenzene	13.41	105	349134	19.988	ug/l	99
86) p-Isopropyltoluene	13.52	119	331553	20.474	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	175578	21.413	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	171492	20.917	ug/l	98
89) n-Butylbenzene	13.85	91	289071	19.532	ug/l	99
90) Hexachloroethane	14.12	117	56188	19.808	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	154116	21.522	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9012	19.033	ug/l	92

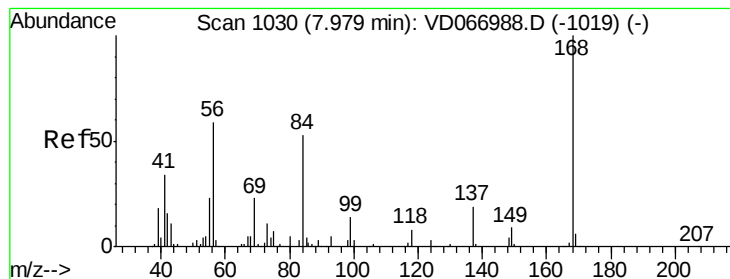
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Operator : VA/SY
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	95715	20.664	ug/l	99
94) Hexachlorobutadiene	15.28	225	55621	19.553	ug/l	98
95) Naphthalene	15.41	128	160045	20.716	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	86791	21.585	ug/l	98

(#) = 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: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

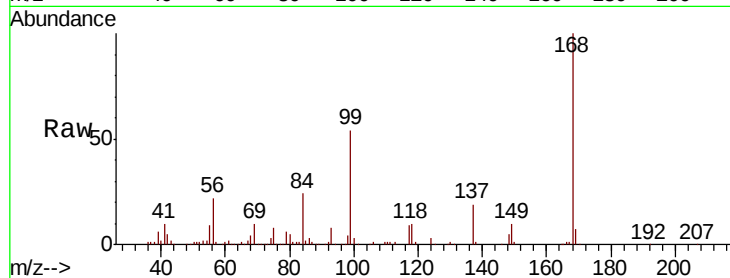
VD1007SBS02

Tot Ion:168 Resp: 348031

Ion Ratio Lower Upper

168 100

99 54.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

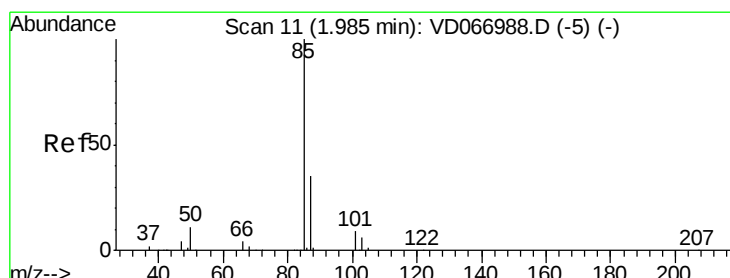
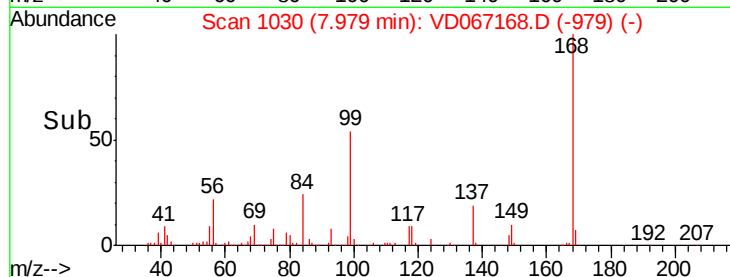
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.606 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067168.D

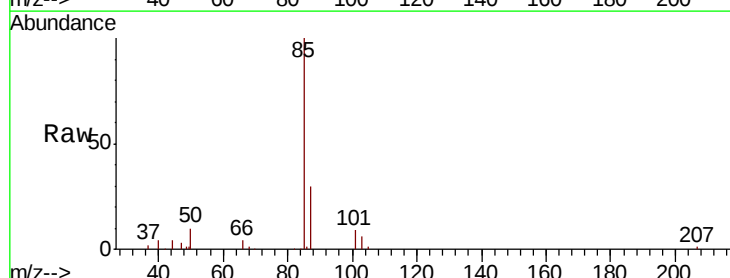
Acq: 07 Oct 2020 23:45

Tgt Ion: 85 Resp: 73470

Ion Ratio Lower Upper

85 100

87 30.1 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

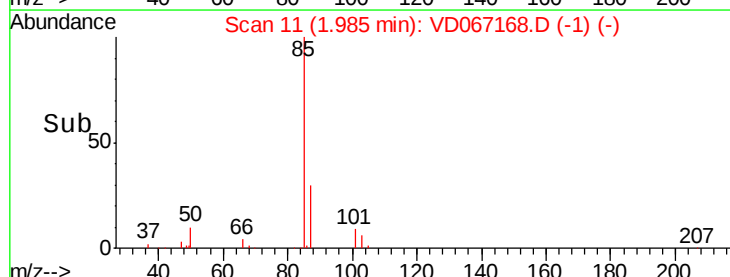
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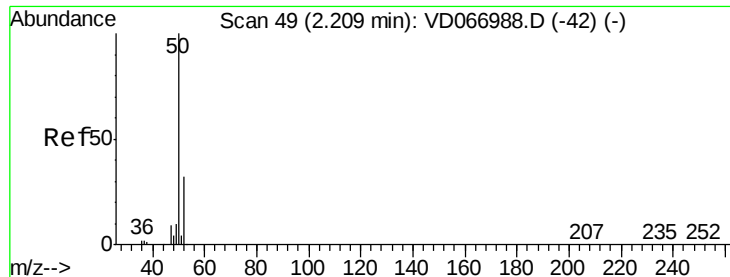
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.152 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

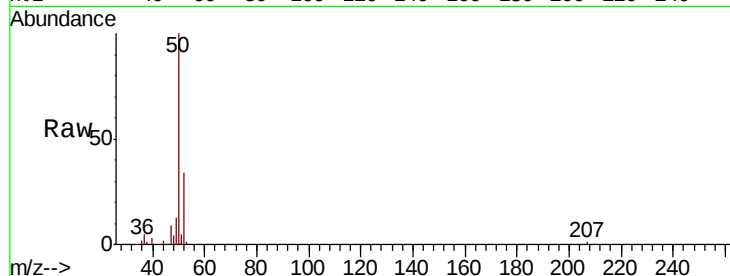
VD1007SBS02

Tot Ion: 50 Resp: 53082

Ion Ratio Lower Upper

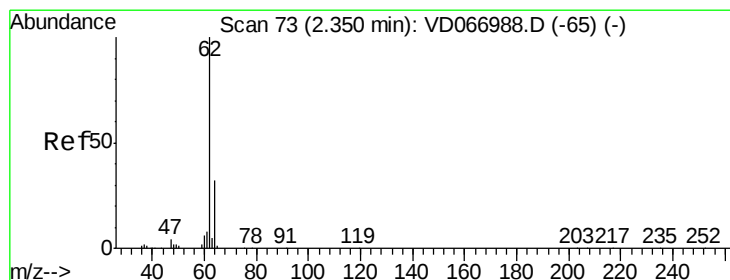
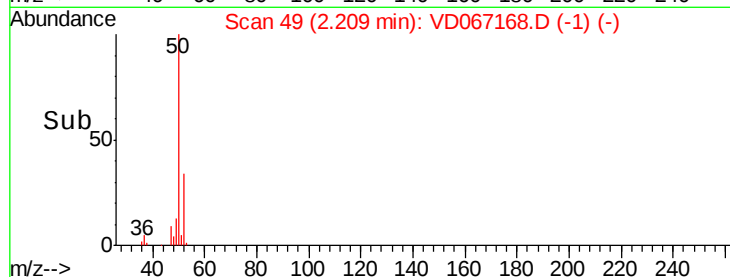
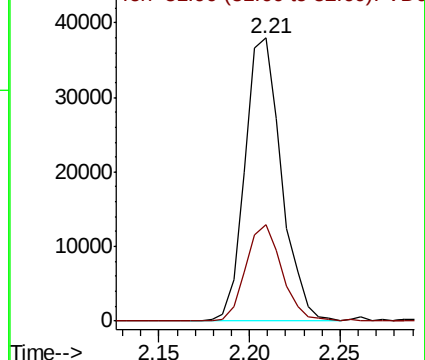
50 100

52 34.2 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: 20.415 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067168.D

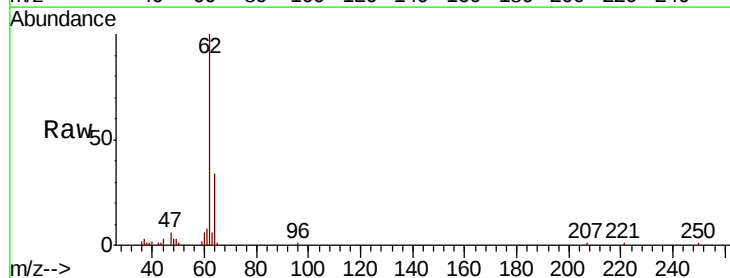
Acq: 07 Oct 2020 23:45

Tgt Ion: 62 Resp: 56736

Ion Ratio Lower Upper

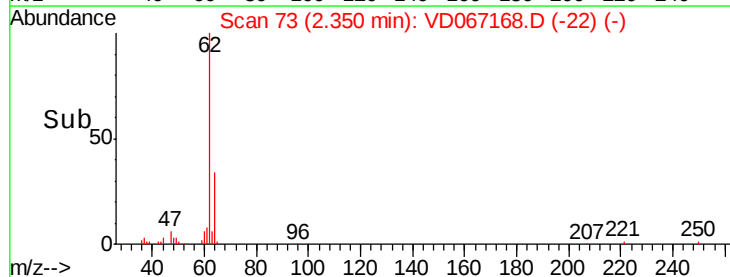
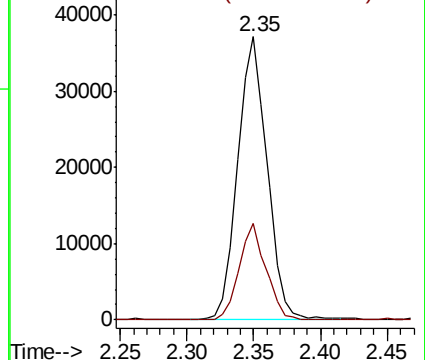
62 100

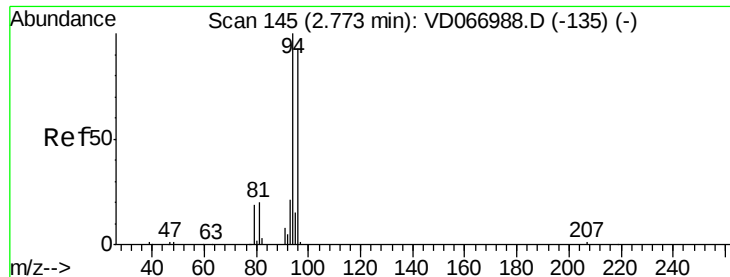
64 33.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 22.453 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

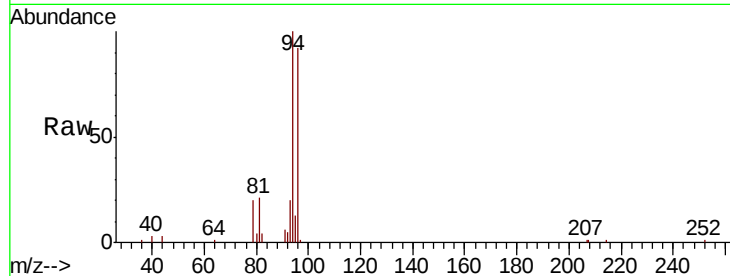
VD1007SBSD02

Tot Ion: 94 Resp: 44495

Ion Ratio Lower Upper

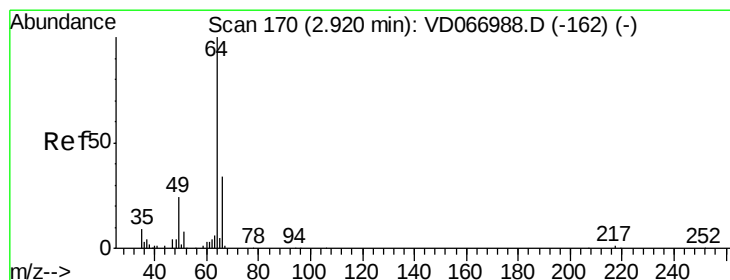
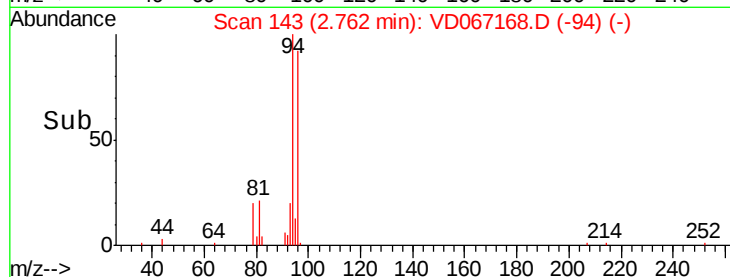
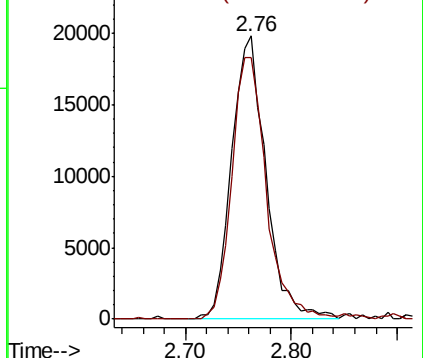
94 100

96 92.4 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: 20.601 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067168.D

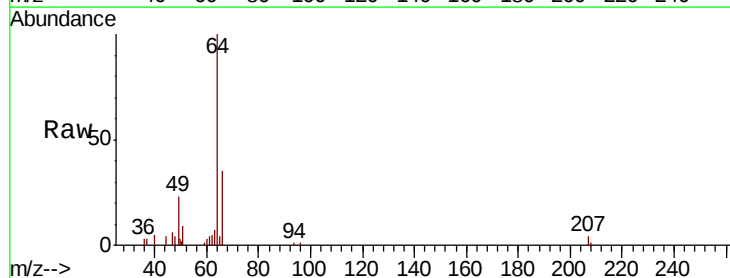
Acq: 07 Oct 2020 23:45

Tgt Ion: 64 Resp: 34867

Ion Ratio Lower Upper

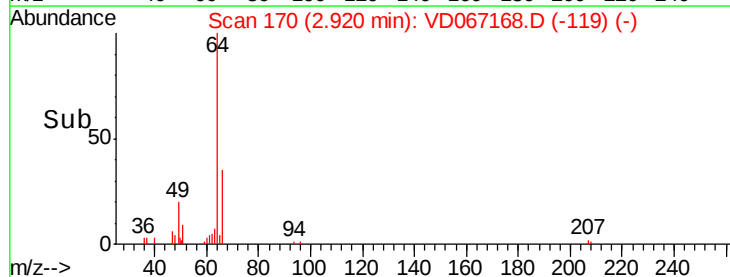
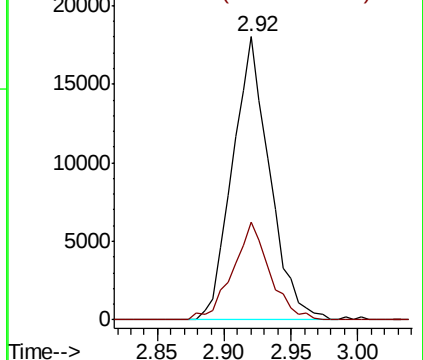
64 100

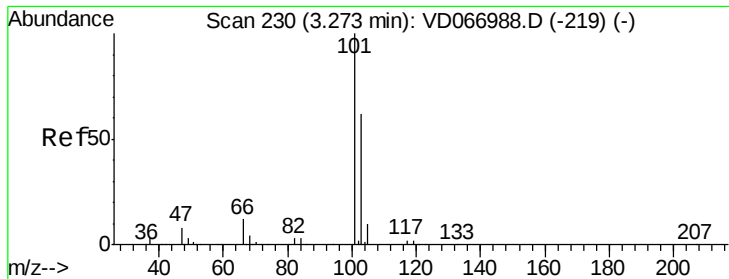
66 34.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



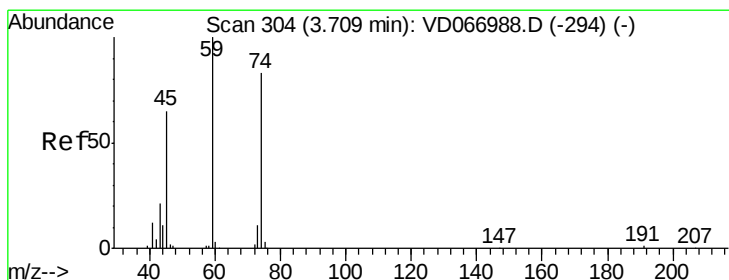
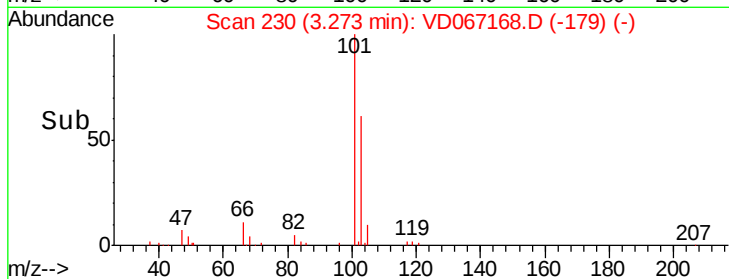
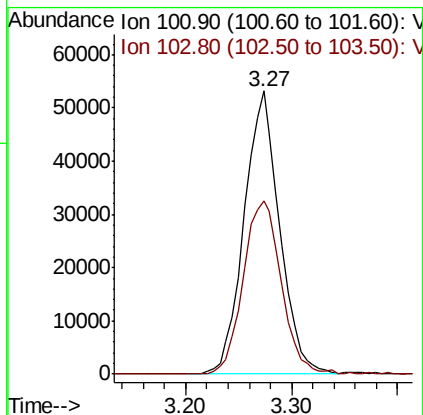
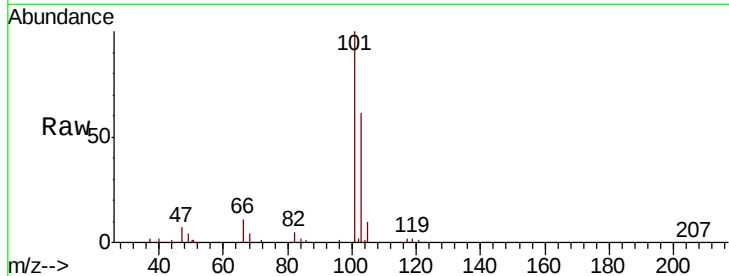


#7

Trichlorofluoromethane
 Concen: 20.122 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Instrument :
 MSVOA_D
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 VD1007SBSD02

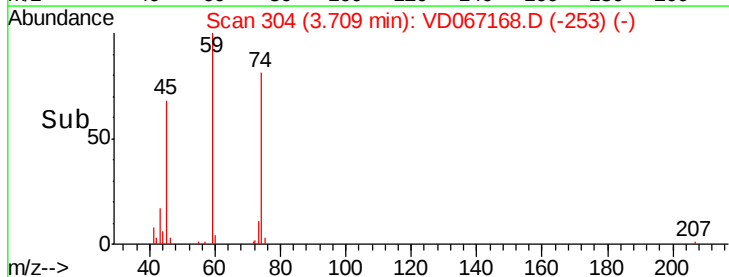
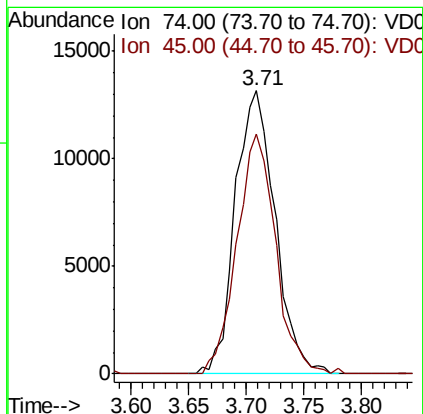
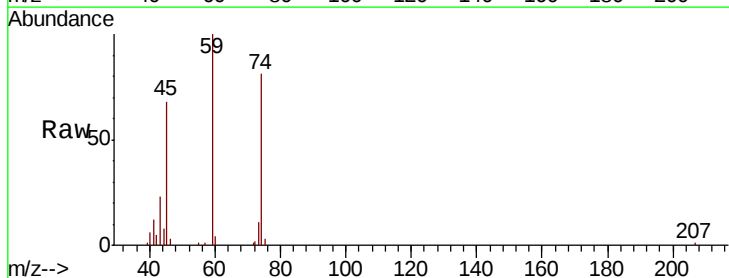
Tot Ion	Ratio	Lower	Upper
101	100		
103	61.4	49.8	74.8

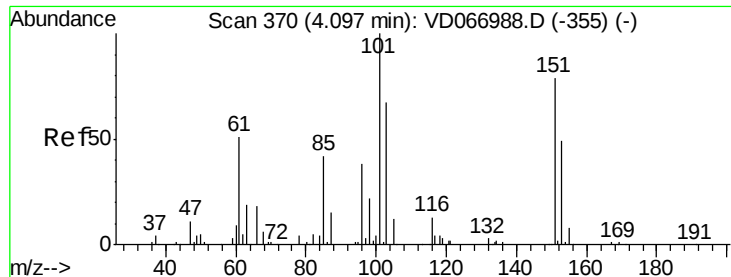


#8

Diethyl Ether
 Concen: 20.641 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.6	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.106 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD02

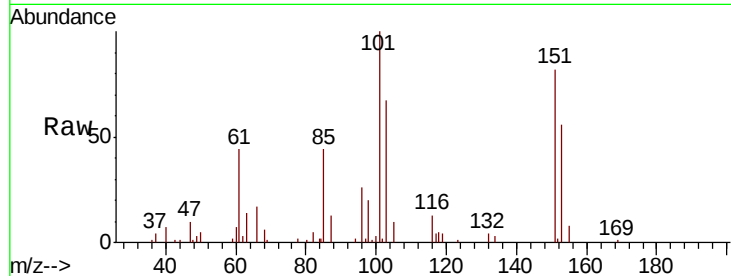
Tot Ion:101 Resp: 66680

Ion Ratio Lower Upper

101 100

85 44.0 33.8 50.8

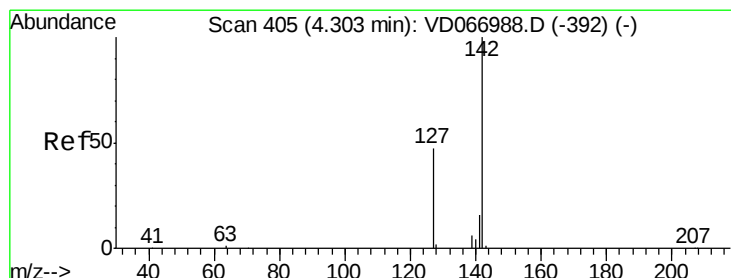
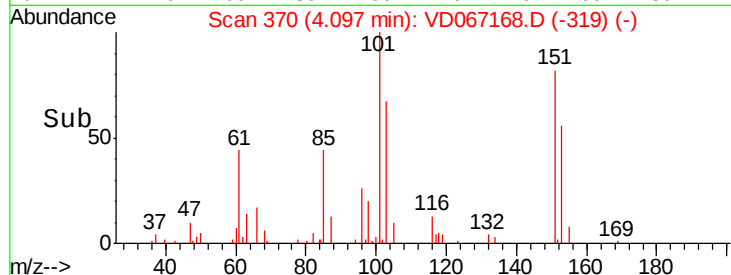
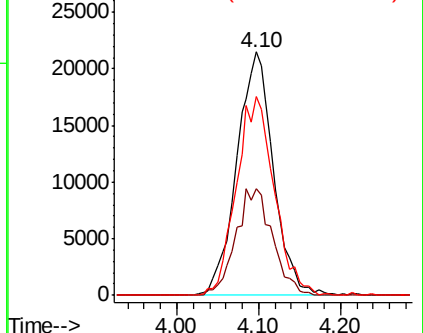
151 84.7 63.8 95.8



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: 20.344 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

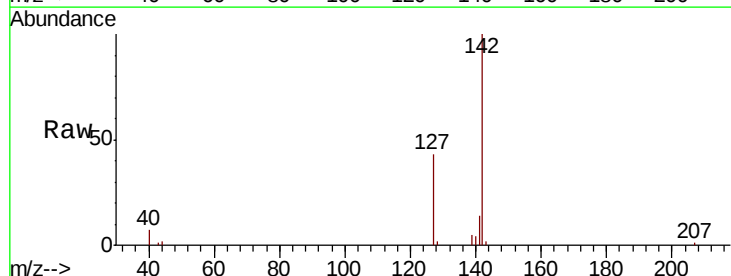
Tgt Ion:142 Resp: 68986

Ion Ratio Lower Upper

142 100

127 46.3 36.3 54.5

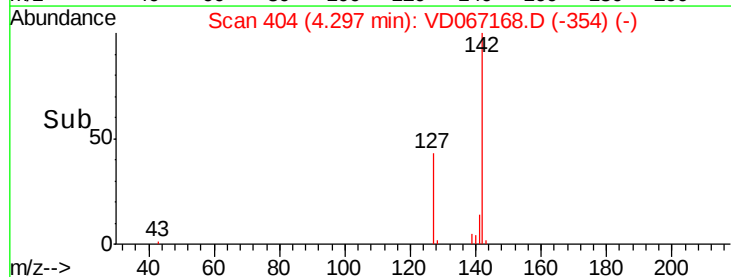
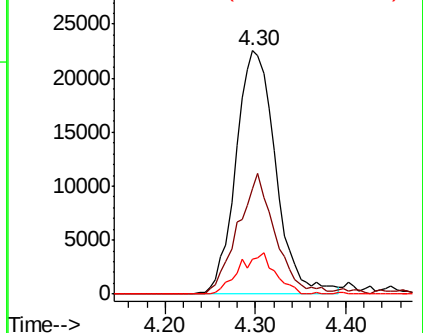
141 15.1 12.0 18.0

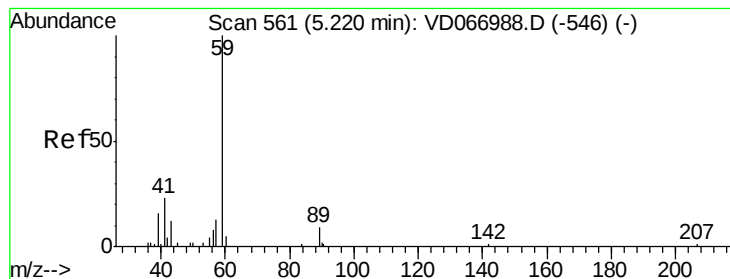


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 108.342 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

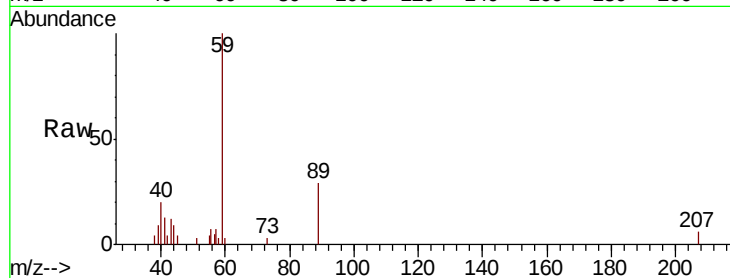
VD1007SBSD02

Tot Ion: 59 Resp: 26694

Ion Ratio Lower Upper

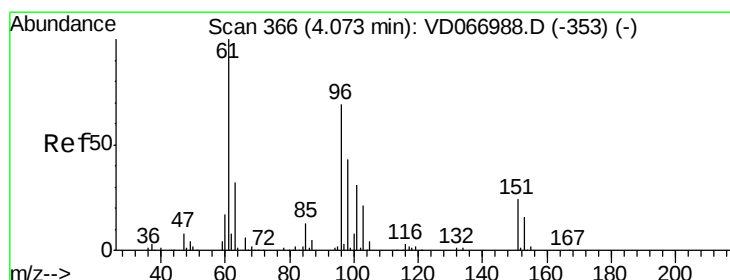
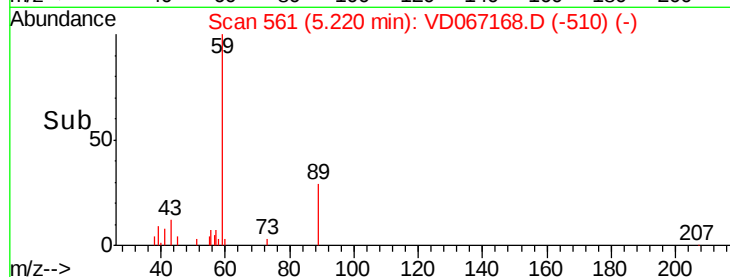
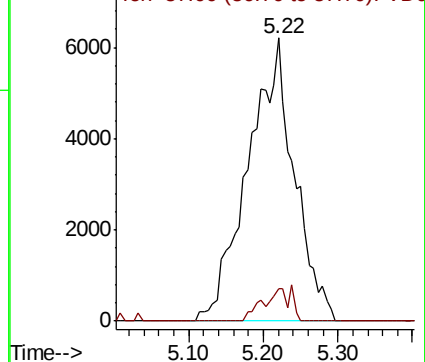
59 100

57 4.8 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 18.881 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

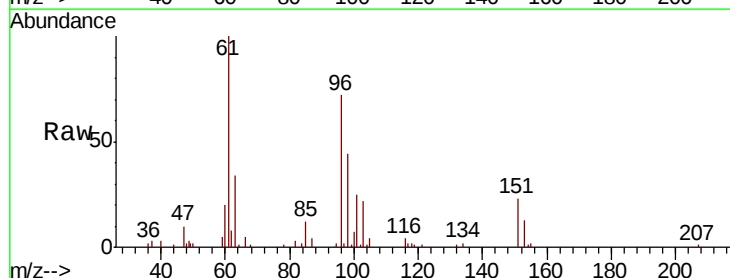
Tgt Ion: 96 Resp: 61944

Ion Ratio Lower Upper

96 100

61 137.5 116.4 174.6

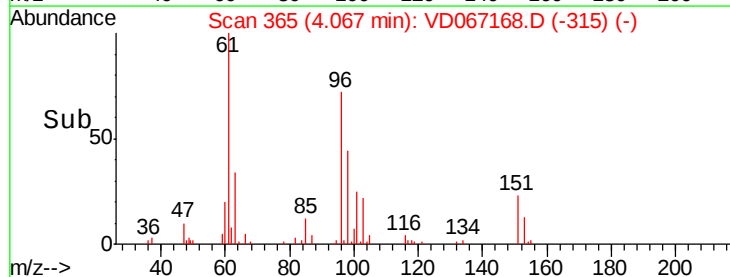
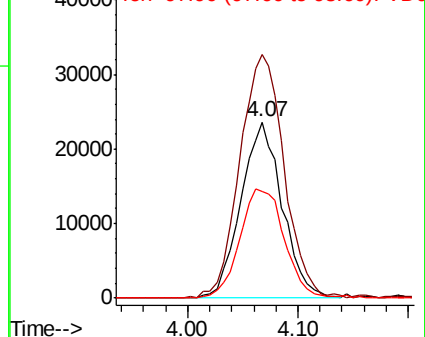
98 60.9 49.9 74.9

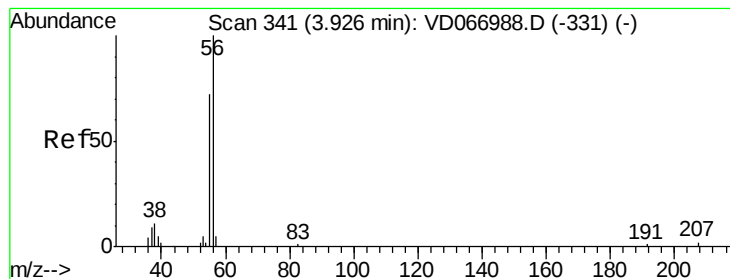


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 80.231 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

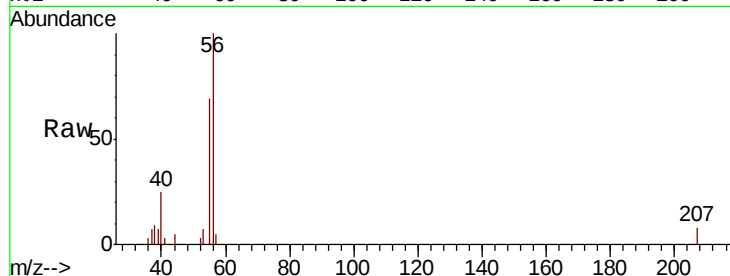
VD1007SBSD02

Tot Ion: 56 Resp: 18009

Ion Ratio Lower Upper

56 100

55 76.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

8000

6000

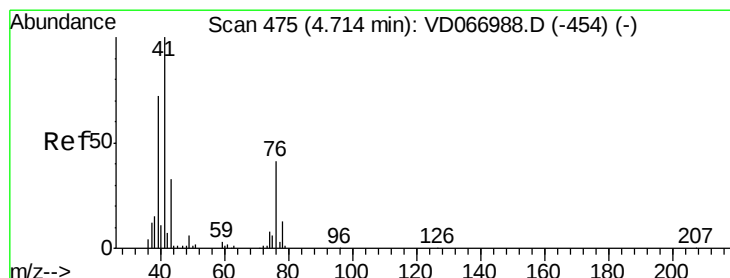
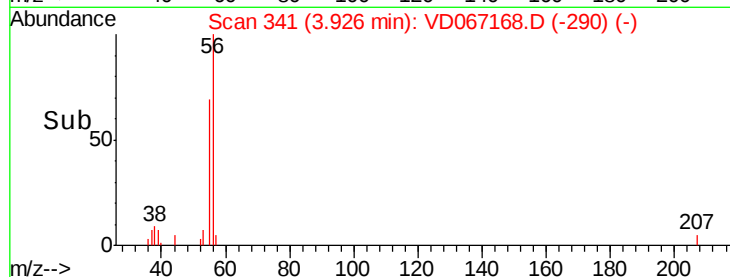
4000

2000

0

Time-->

3.85 3.90 3.95 4.00



#14

Allyl chloride

Concen: 18.298 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

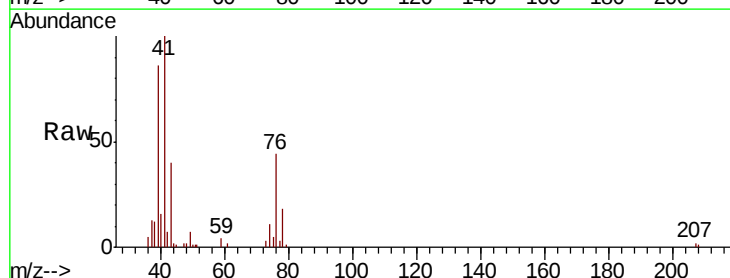
Tgt Ion: 41 Resp: 77986

Ion Ratio Lower Upper

41 100

39 74.4 56.2 84.2

76 47.0 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

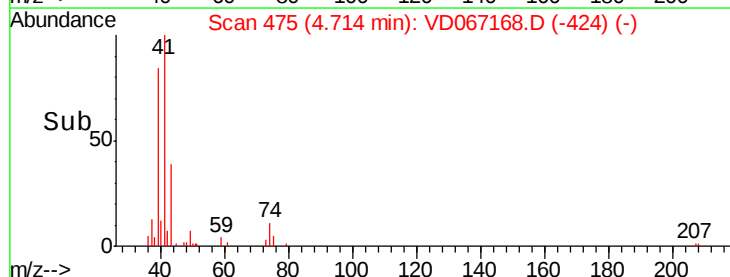
20000

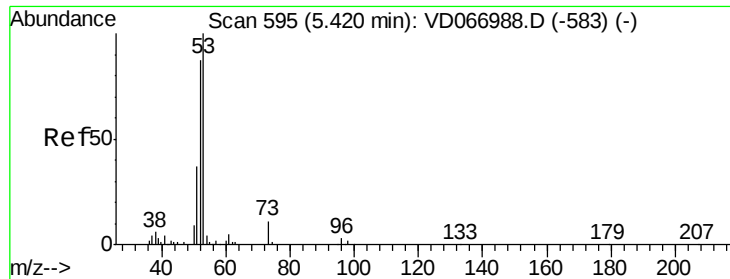
10000

0

Time-->

4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 98.869 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD02

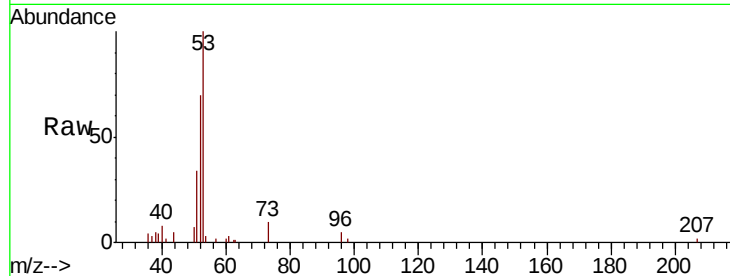
Tot Ion: 53 Resp: 55716

Ion Ratio Lower Upper

53 100

52 85.1 67.3 100.9

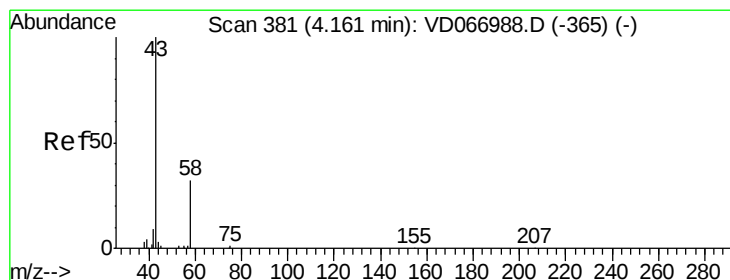
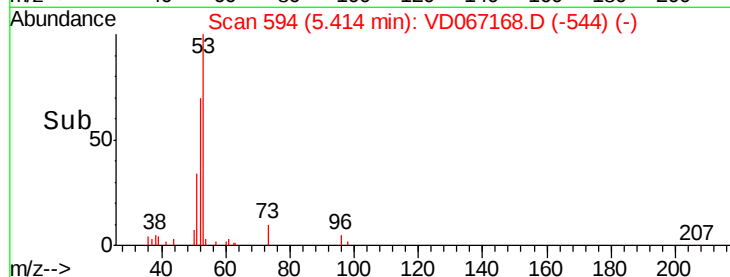
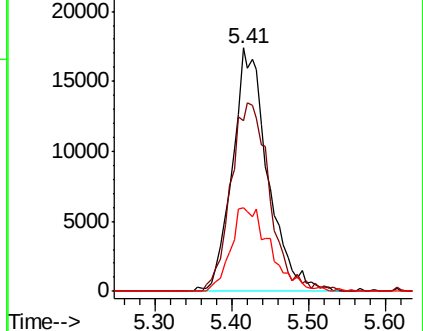
51 38.1 30.2 45.2



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: 88.906 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067168.D

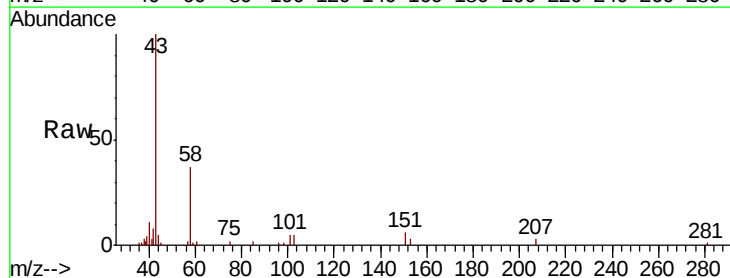
Acq: 07 Oct 2020 23:45

Tgt Ion: 43 Resp: 45495

Ion Ratio Lower Upper

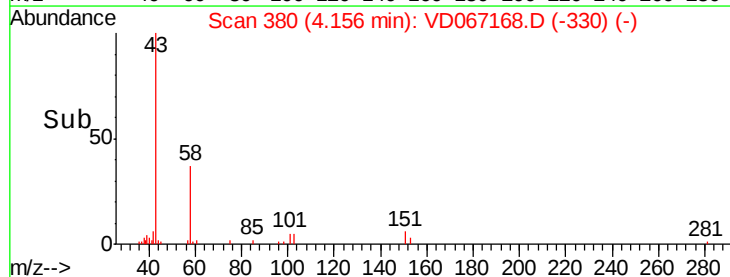
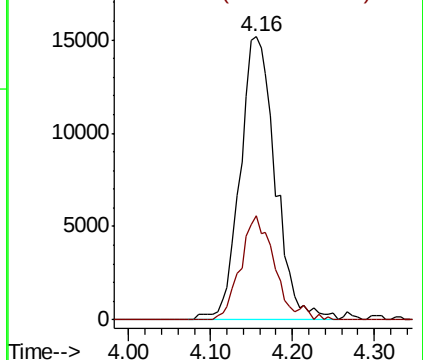
43 100

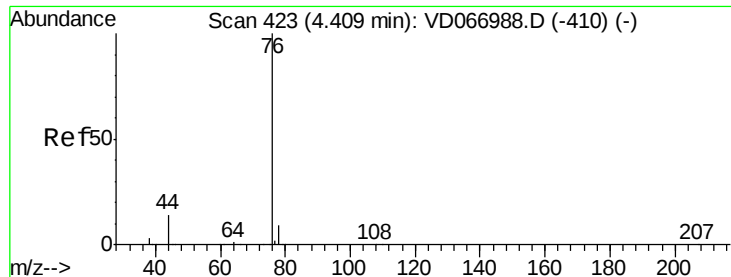
58 36.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

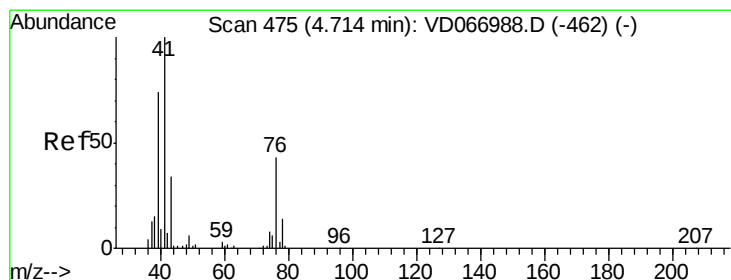
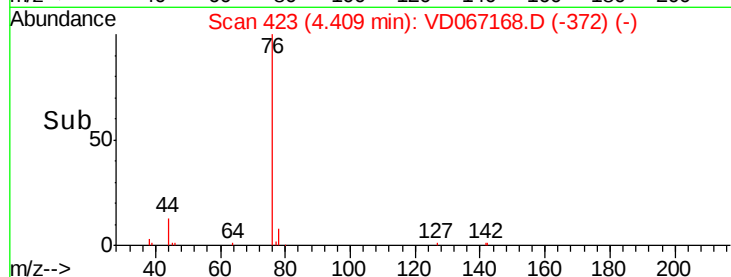
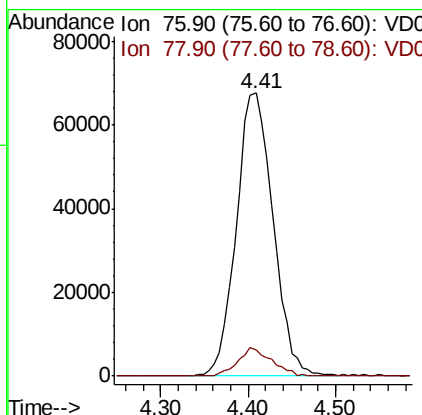
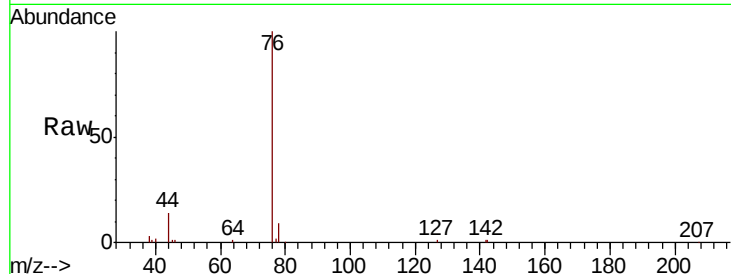




#17
Carbon Disulfide
Concen: 19.169 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

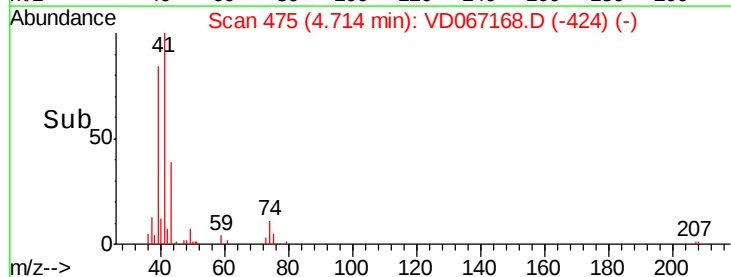
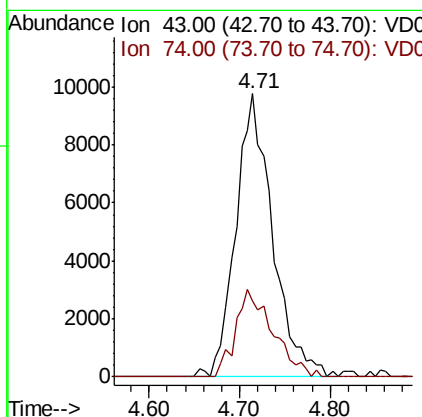
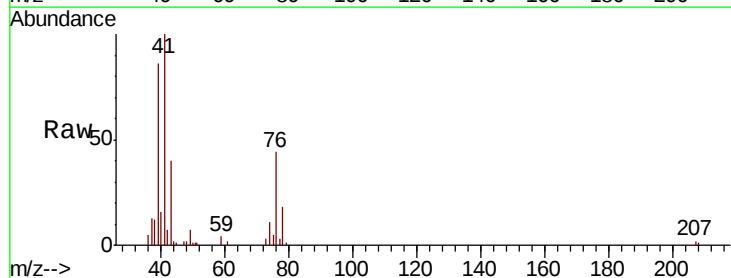
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

Tot Ion: 76 Resp: 193008
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 21.365 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 43 Resp: 27478
Ion Ratio Lower Upper
43 100
74 31.5 21.5 32.3

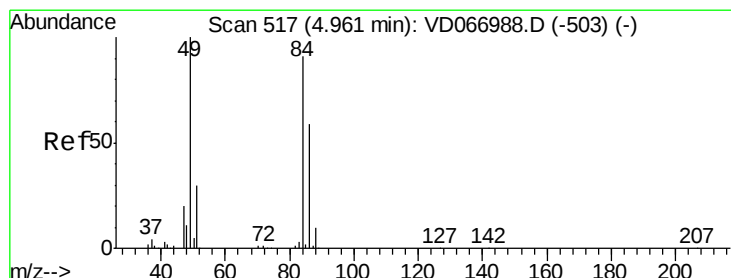
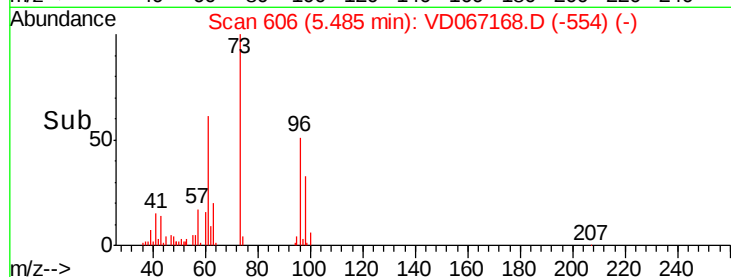
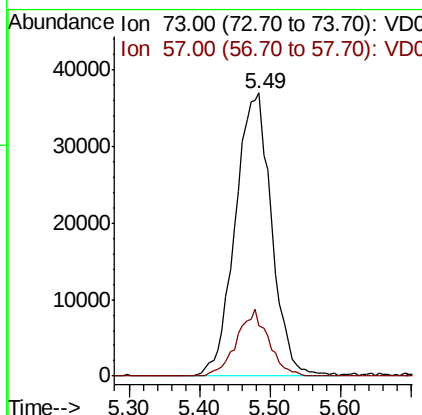
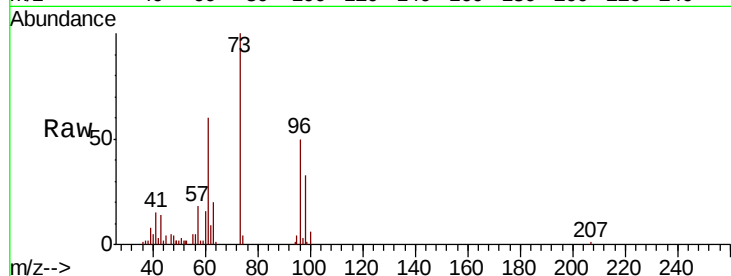




#19
Methyl tert-butyl Ether
Concen: 22.074 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

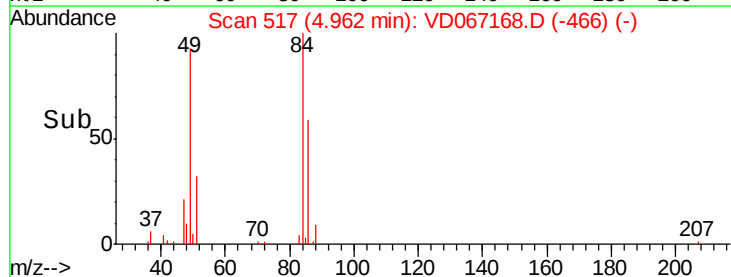
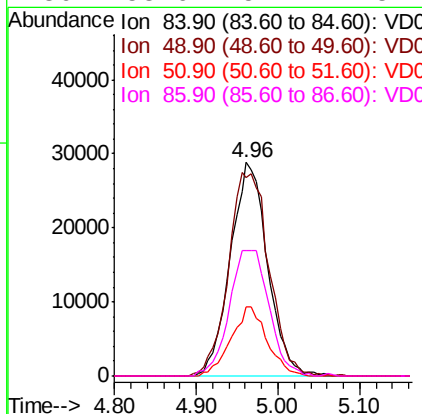
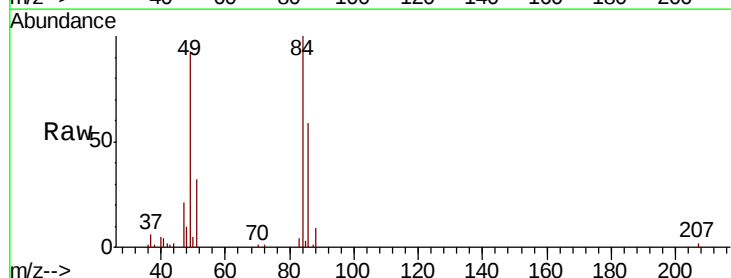
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

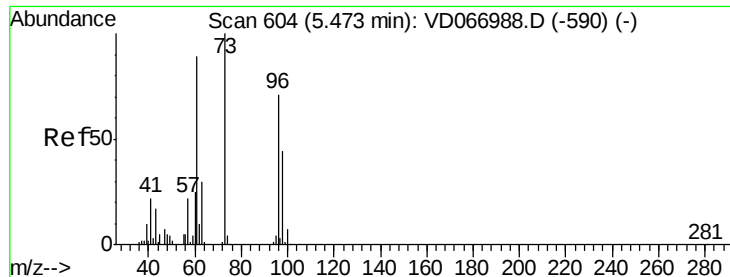
Tot Ion: 73 Resp: 132206
Ion Ratio Lower Upper
73 100
57 17.7 17.4 26.0



#20
Methylene Chloride
Concen: 20.937 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 84 Resp: 91385
Ion Ratio Lower Upper
84 100
49 92.8 88.2 132.2
51 32.4 26.6 39.8
86 58.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.200 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD02

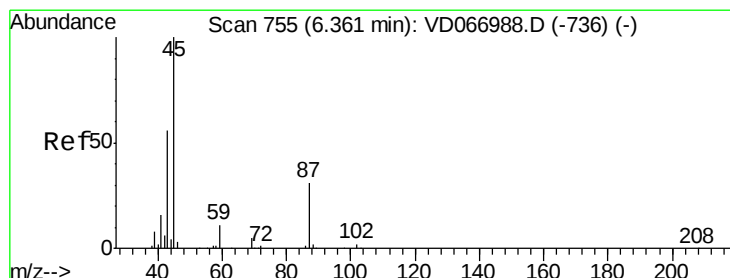
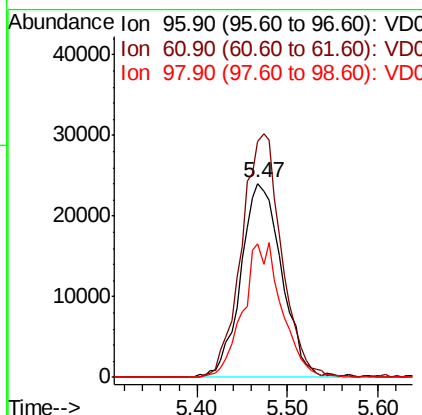
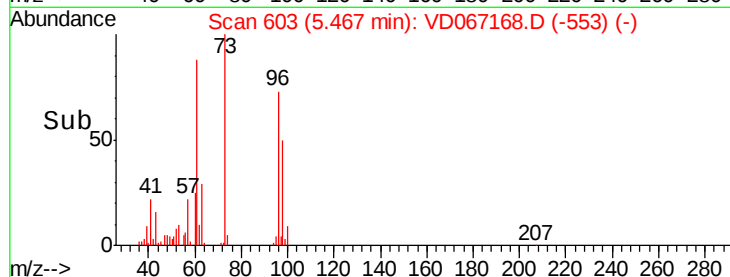
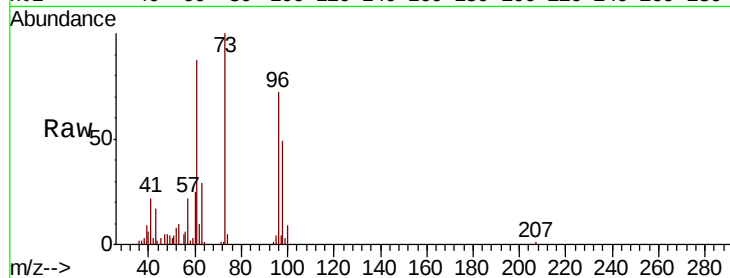
Tot Ion: 96 Resp: 75419

Ion Ratio Lower Upper

96 100

61 121.4 99.6 149.4

98 68.6 49.4 74.2



#22

Diisopropyl ether

Concen: 19.610 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Tgt Ion: 45 Resp: 152583

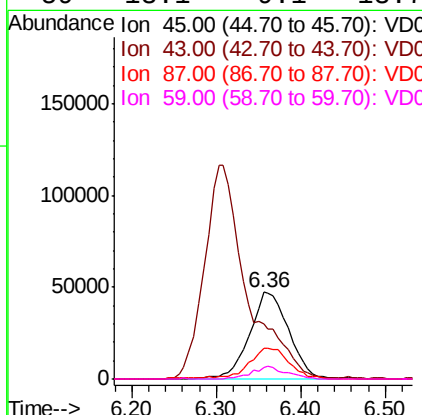
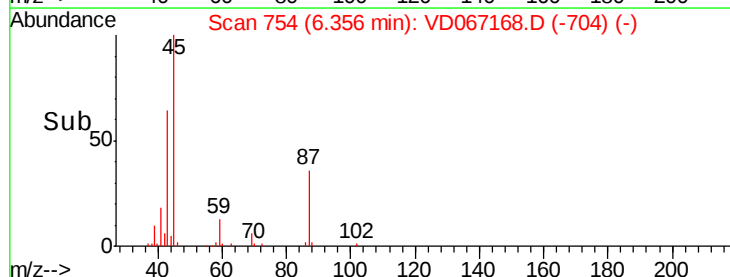
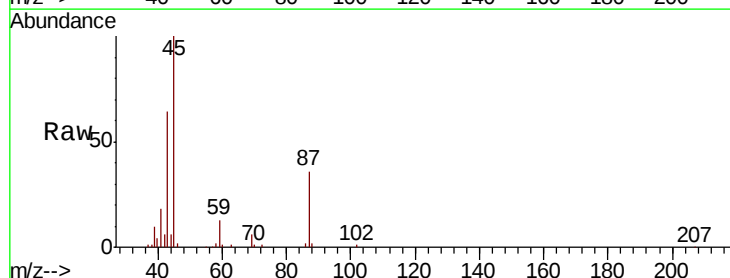
Ion Ratio Lower Upper

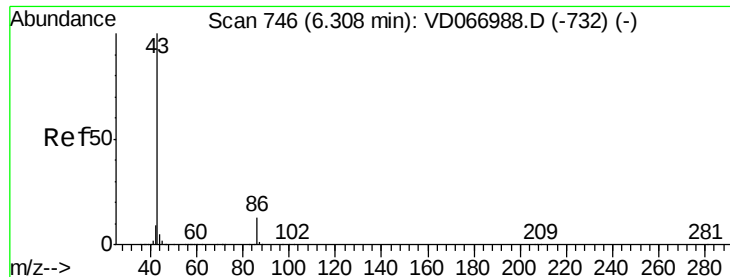
45 100

43 62.2 45.2 67.8

87 35.3 25.6 38.4

59 13.1 9.1 13.7





#23

Vinyl Acetate

Concen: 92.859 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

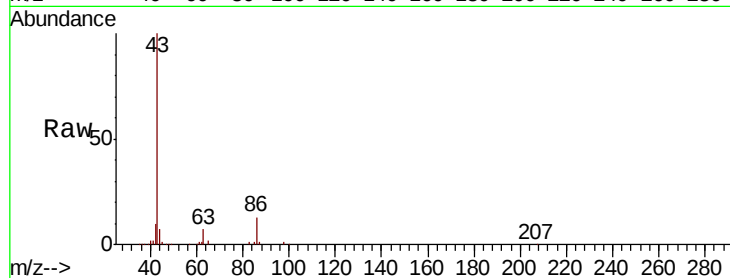
VD1007SBS02

Tot Ion: 43 Resp: 409433

Ion Ratio Lower Upper

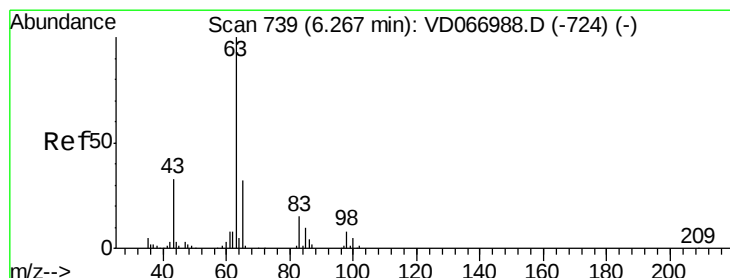
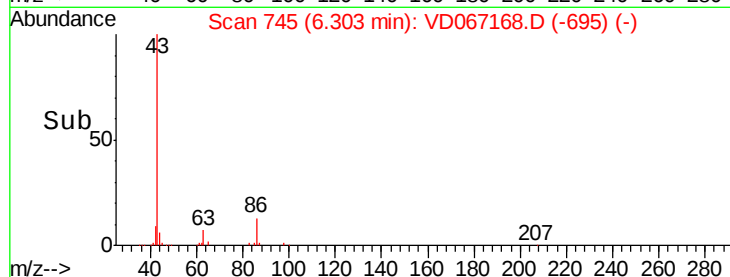
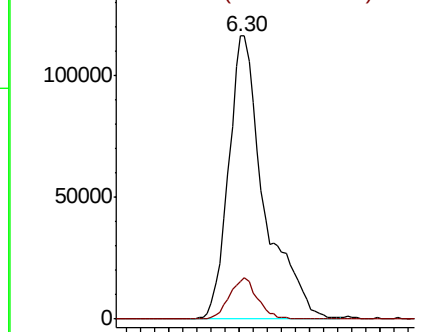
43 100

86 13.2 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.425 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

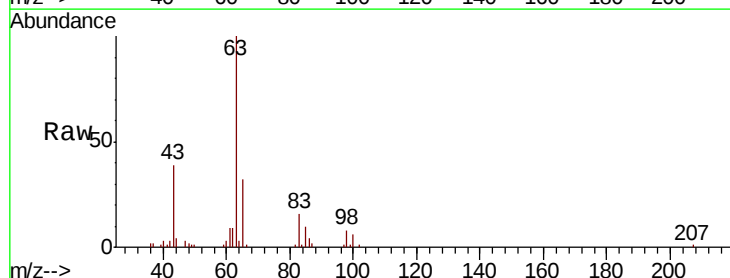
Tgt Ion: 63 Resp: 122648

Ion Ratio Lower Upper

63 100

98 8.2 4.2 12.6

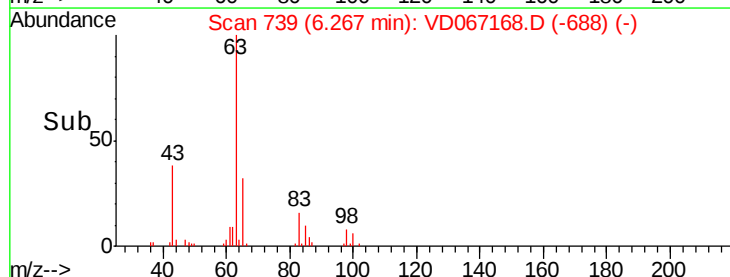
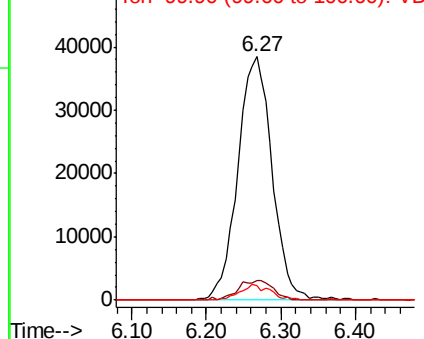
100 6.1 2.6 7.8

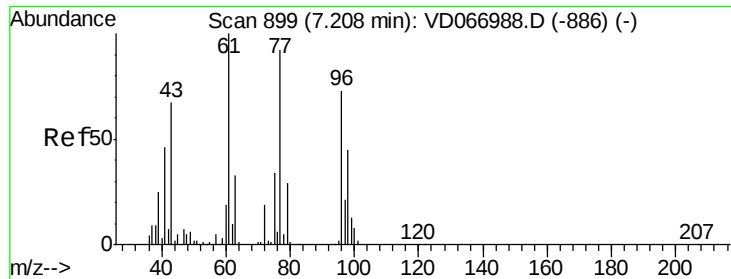


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

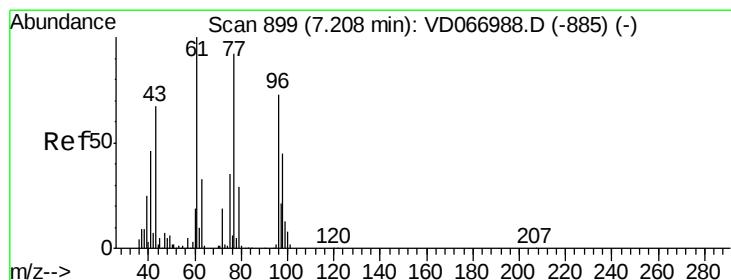
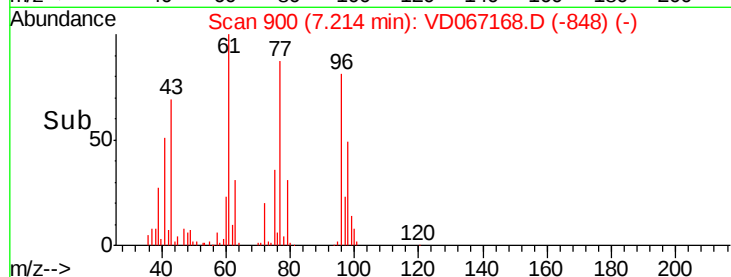
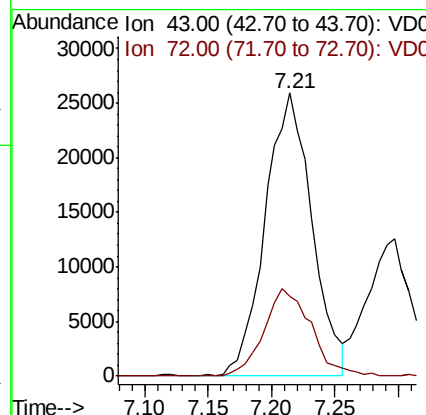
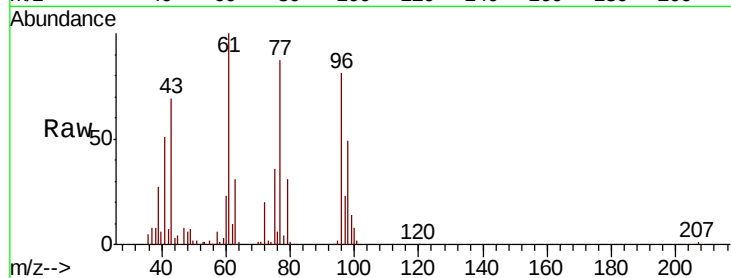




#25
2-Butanone
Concen: 91.895 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

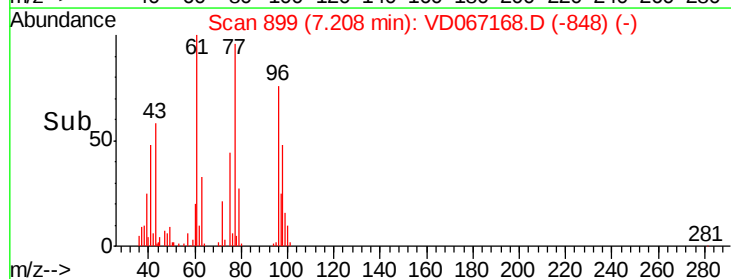
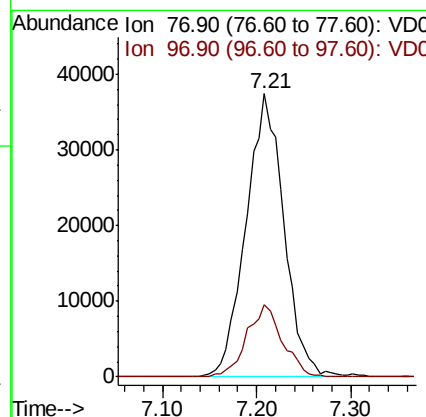
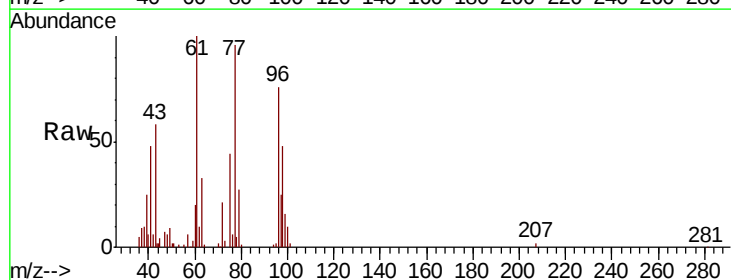
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

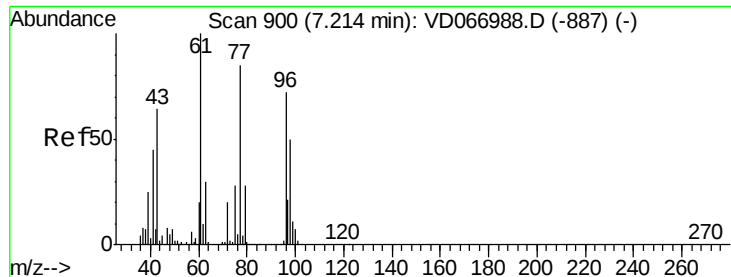
Tot Ion: 43 Resp: 66670
Ion Ratio Lower Upper
43 100
72 28.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 17.686 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 77 Resp: 104506
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.2



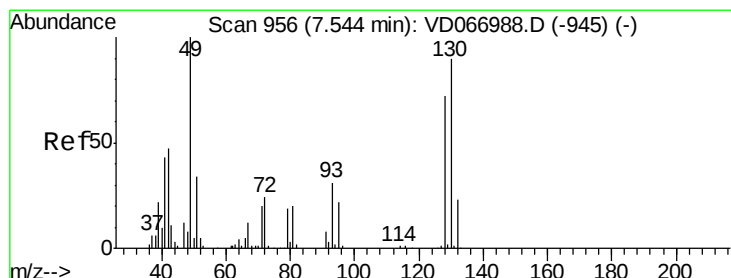
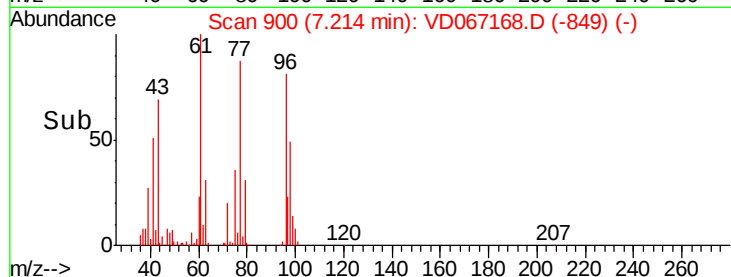
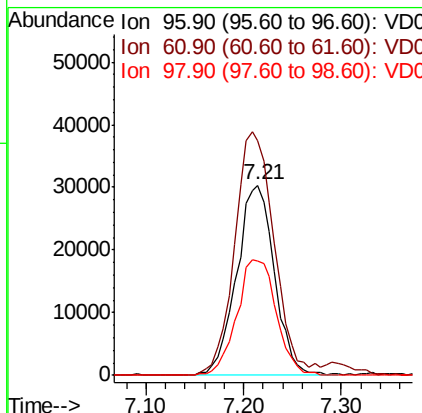
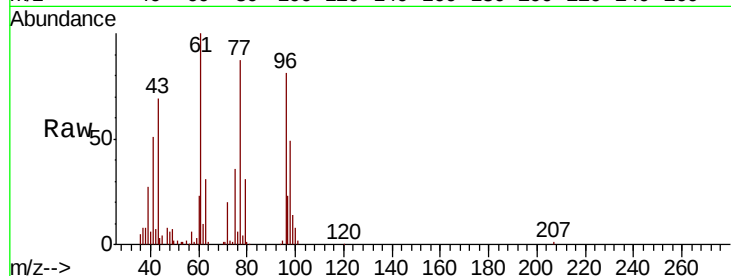


#27

cis-1,2-Dichloroethene
 Concen: 20.664 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD02

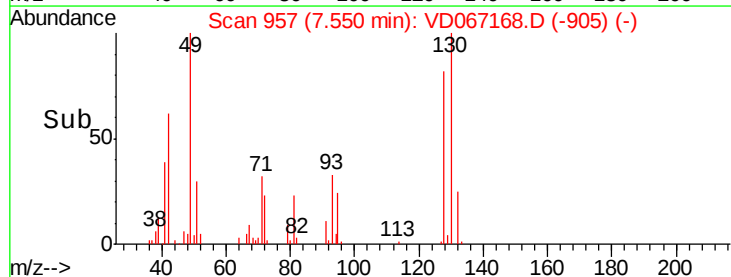
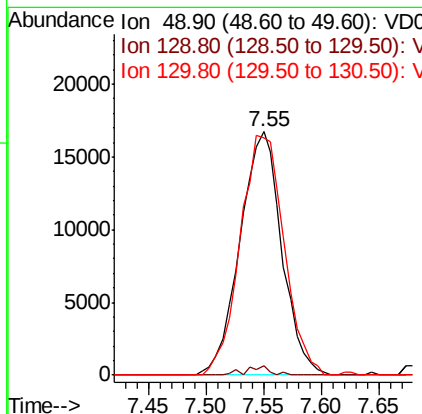
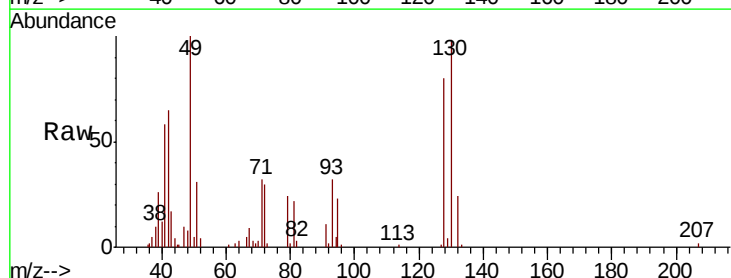
Tot Ion: 96 Resp: 82399
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 269.2
 98 63.3 0.0 129.4

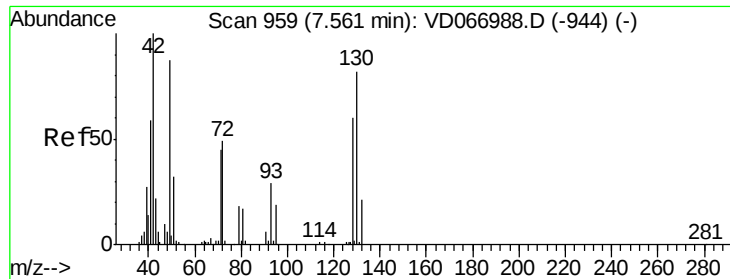


#28

Bromochloromethane
 Concen: 18.161 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Tgt Ion: 49 Resp: 42115
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 103.5 74.1 111.1

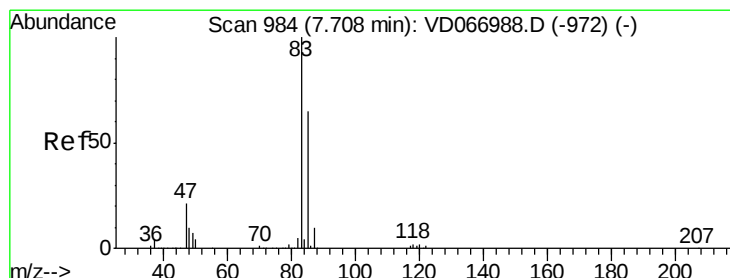
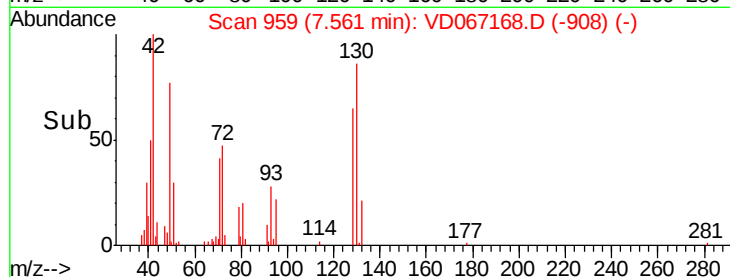
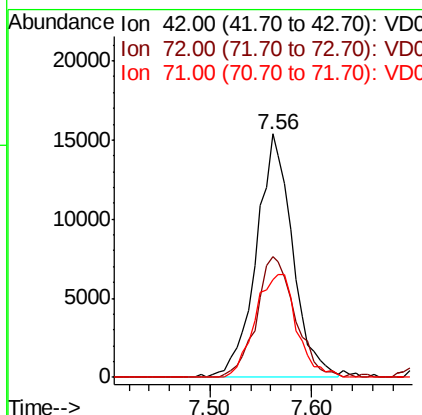
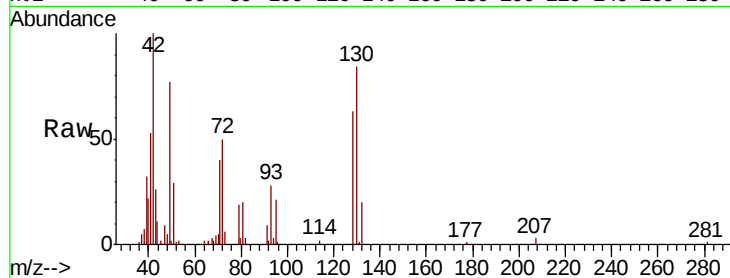




#29
Tetrahydrofuran
Concen: 91.757 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

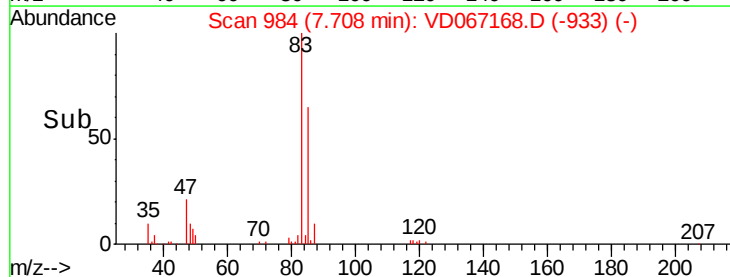
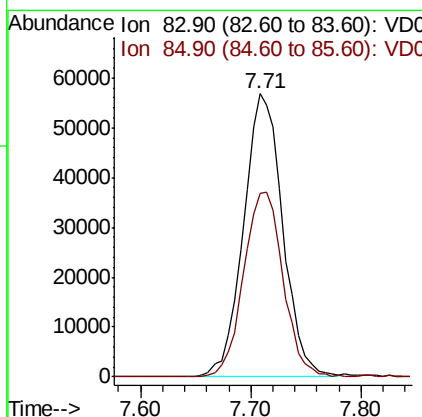
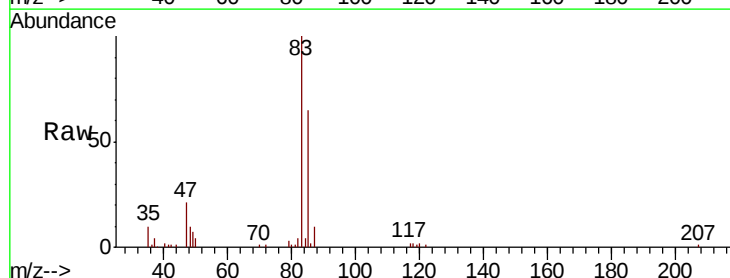
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

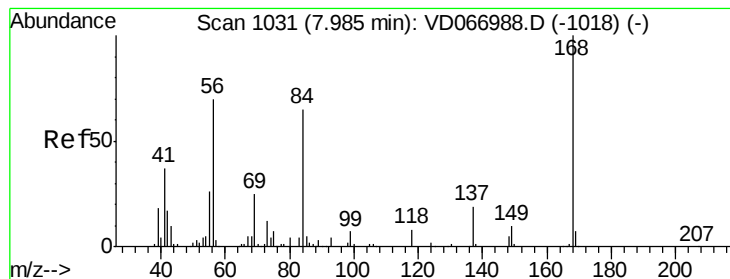
Tot Ion: 42 Resp: 38277
Ion Ratio Lower Upper
42 100
72 52.6 39.1 58.7
71 48.2 34.2 51.4



#30
Chloroform
Concen: 21.700 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 83 Resp: 141354
Ion Ratio Lower Upper
83 100
85 64.7 52.3 78.5





#31

Cyclohexane

Concen: 17.511 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

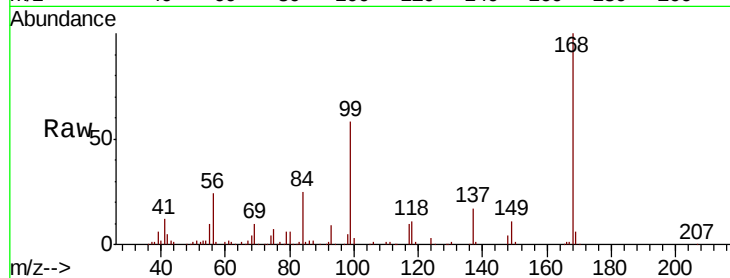
Tot Ion: 56 Resp: 88155

Ion Ratio Lower Upper

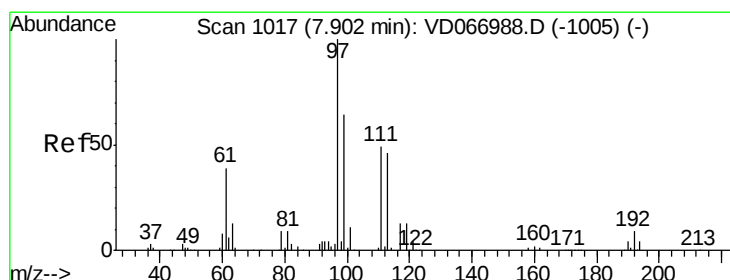
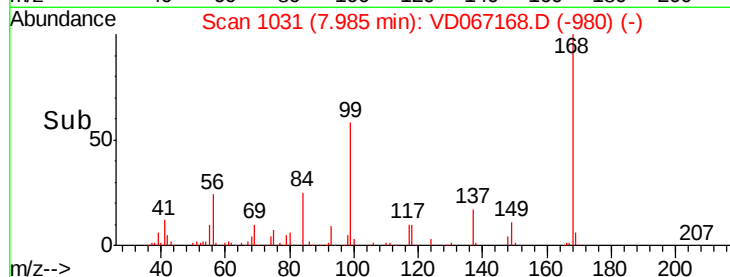
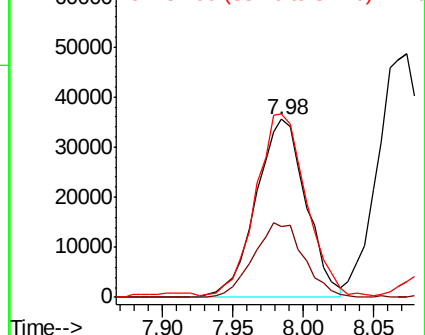
56 100

69 39.7 29.0 43.6

84 100.8 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: 20.624 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

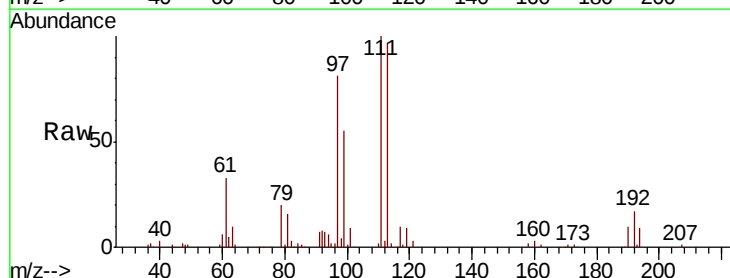
Tgt Ion: 97 Resp: 124505

Ion Ratio Lower Upper

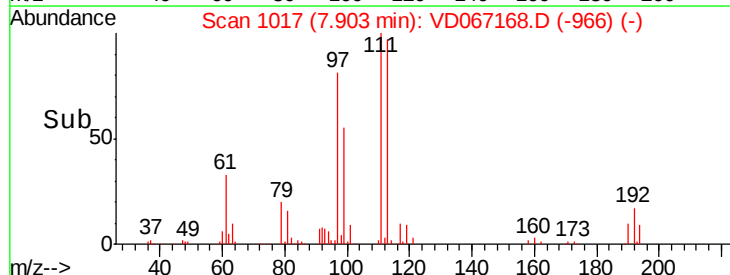
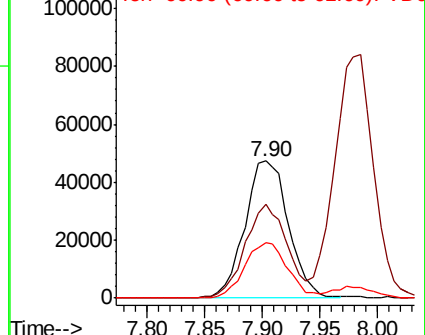
97 100

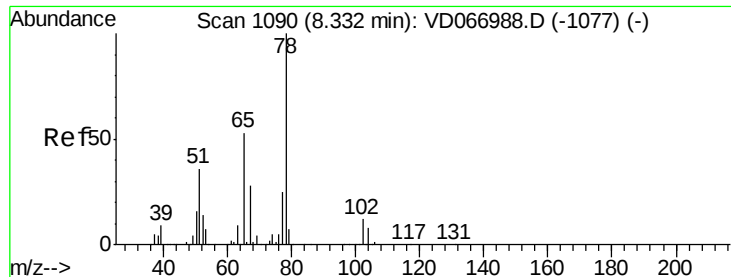
99 65.6 52.6 78.8

61 40.1 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

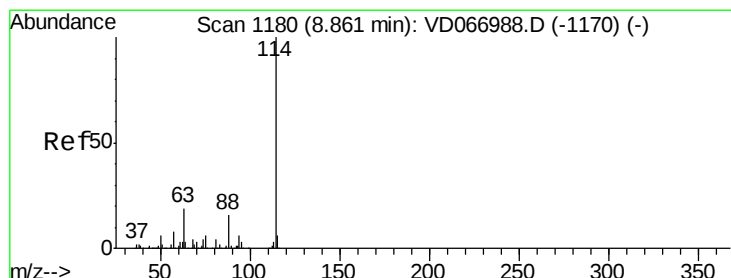
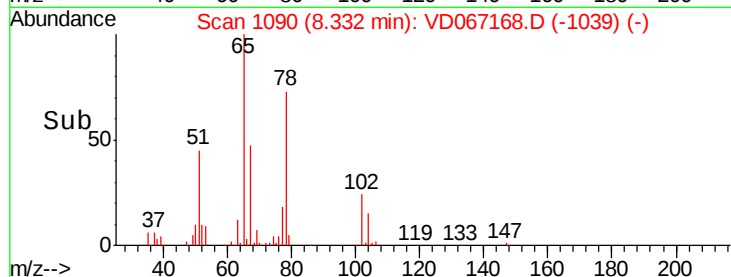
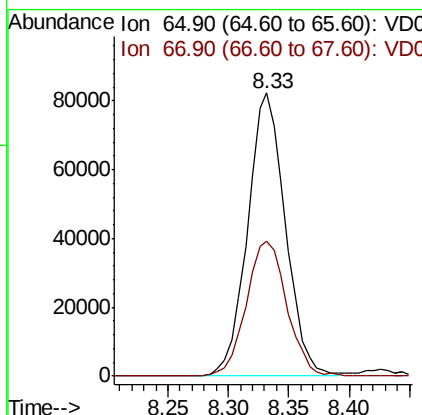
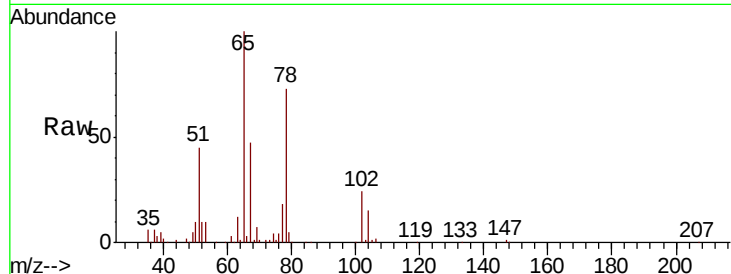




#33
 1,2-Dichloroethane-d4
 Concen: 53.298 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

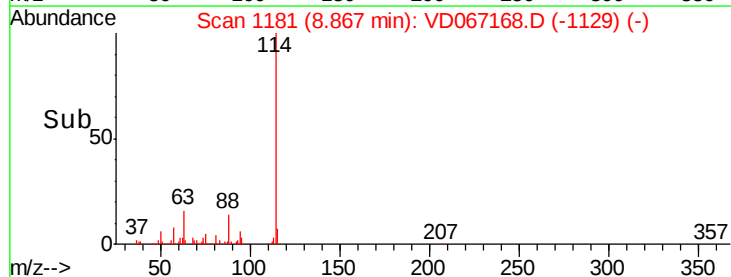
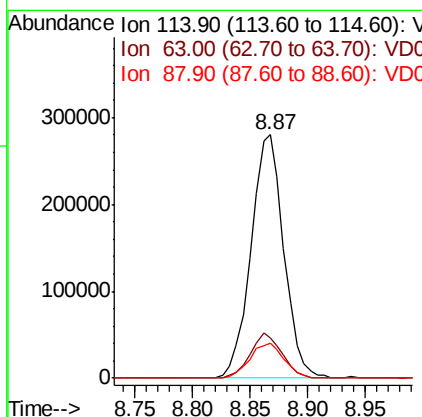
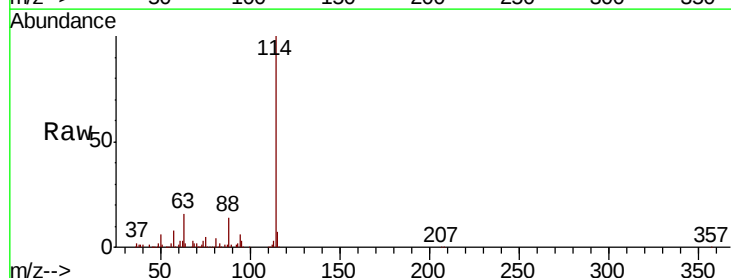
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD02

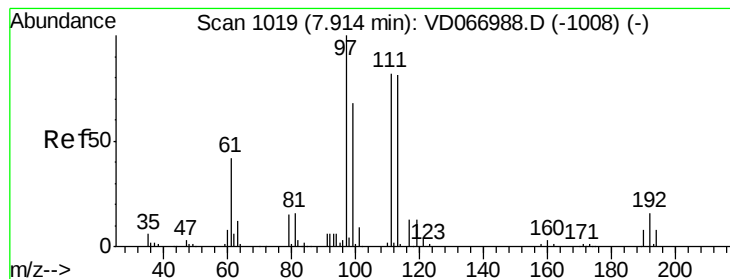
Tot Ion: 65 Resp: 178667
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Tgt Ion: 114 Resp: 553360
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 38.4
 88 14.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.762 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD02

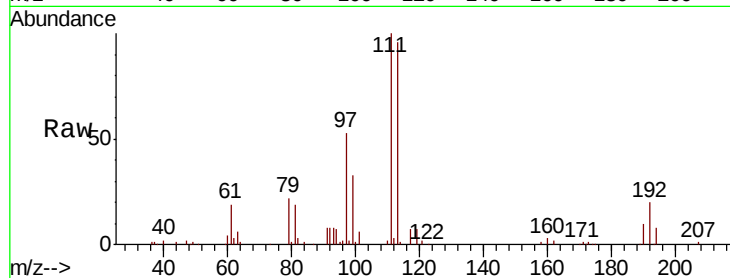
Tot Ion:113 Resp: 194766

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

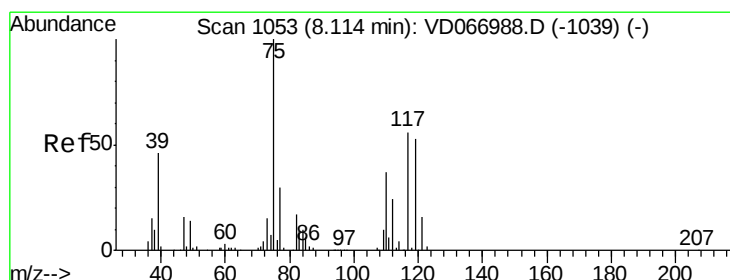
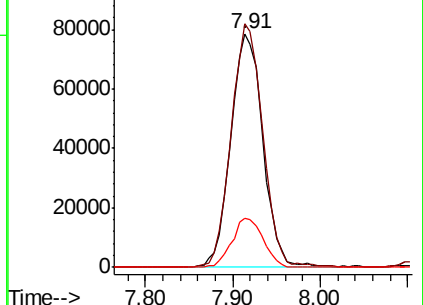
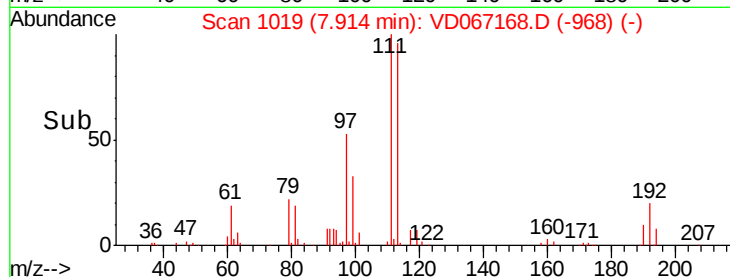
192 20.5 15.5 23.3



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: 18.664 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

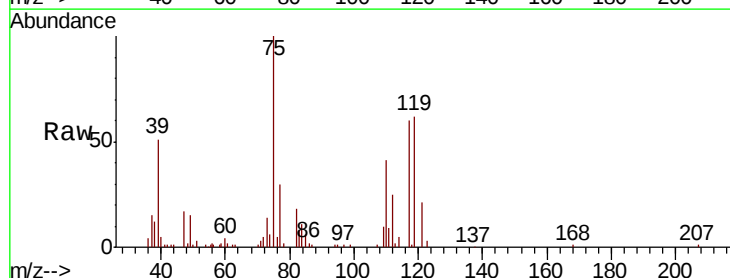
Tgt Ion: 75 Resp: 96266

Ion Ratio Lower Upper

75 100

110 38.9 18.4 55.0

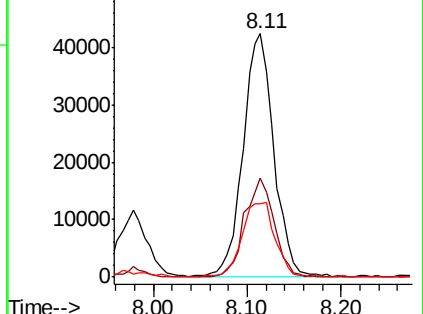
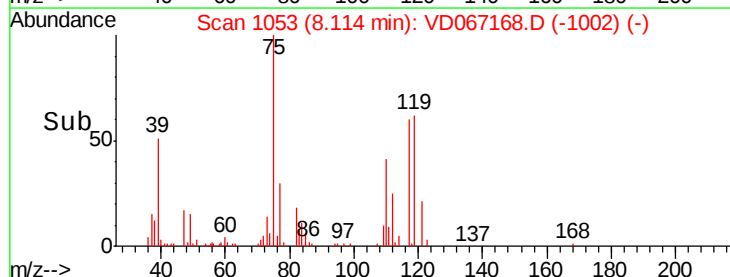
77 33.0 24.8 37.2

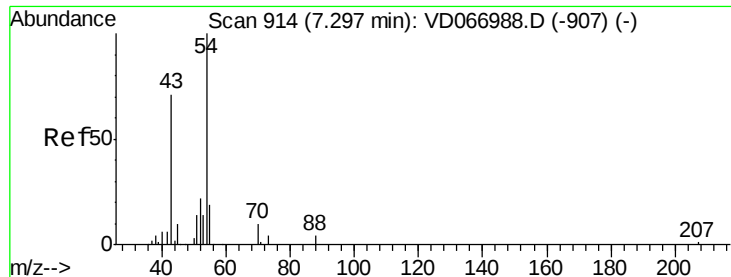


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

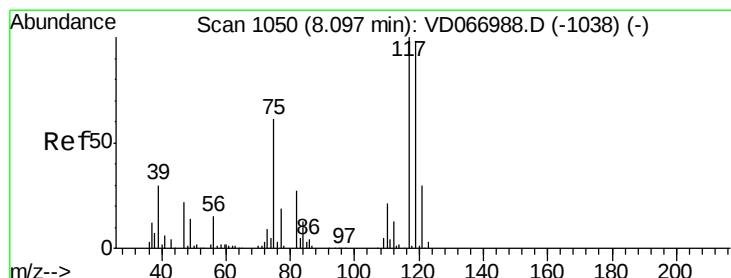
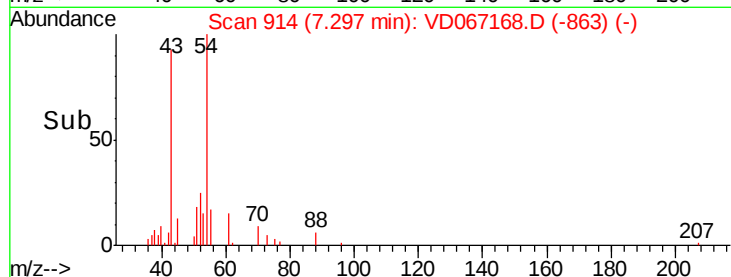
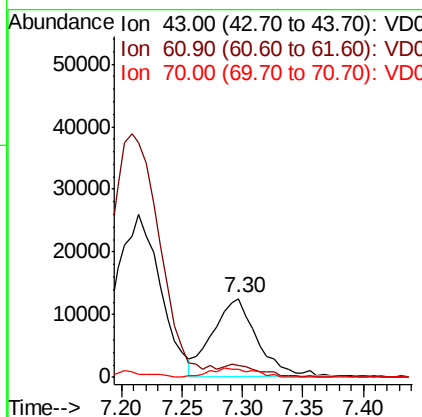
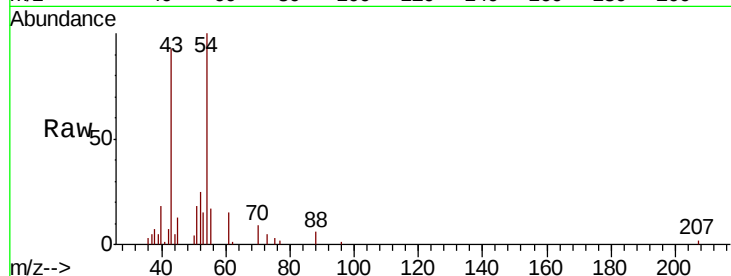




#37
Ethyl Acetate
Concen: 17.797 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

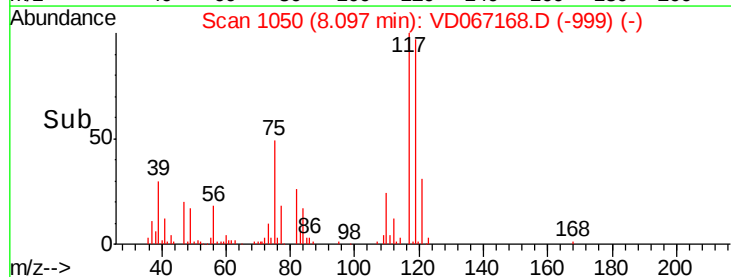
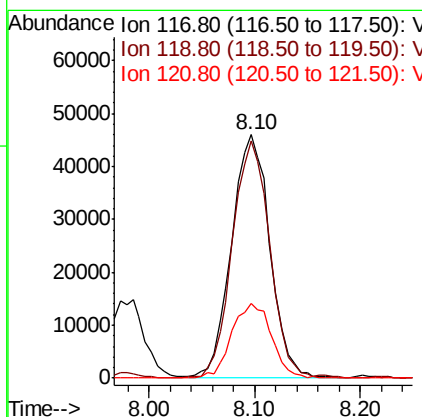
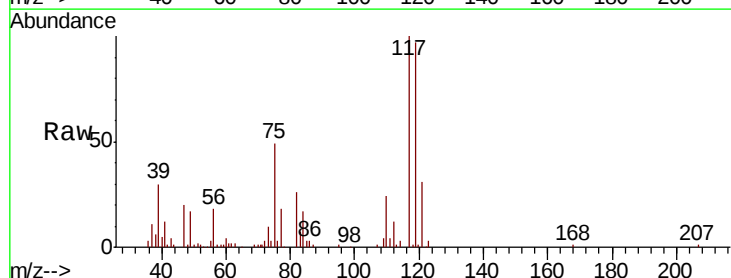
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

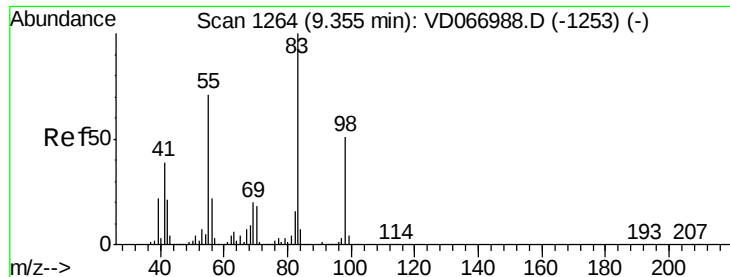
Tot Ion: 43 Resp: 31800
Ion Ratio Lower Upper
43 100
61 14.0 12.5 18.7
70 12.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 20.788 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 117 Resp: 116013
Ion Ratio Lower Upper
117 100
119 96.9 78.7 118.1
121 30.5 24.2 36.2

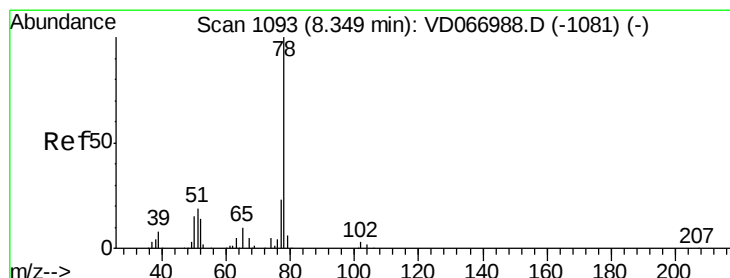
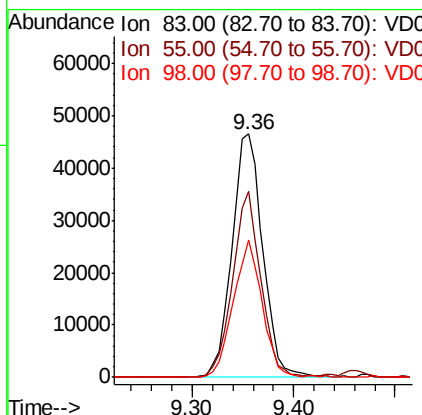
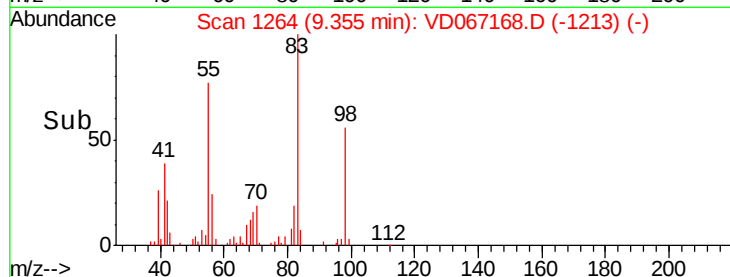
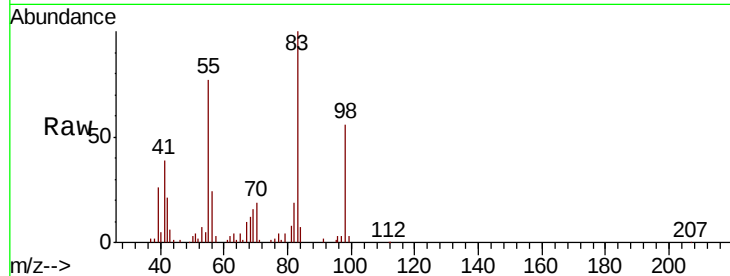




#39
Methylvlcyclohexane
Concen: 17.893 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

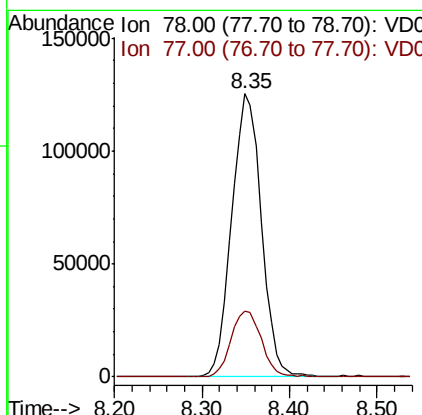
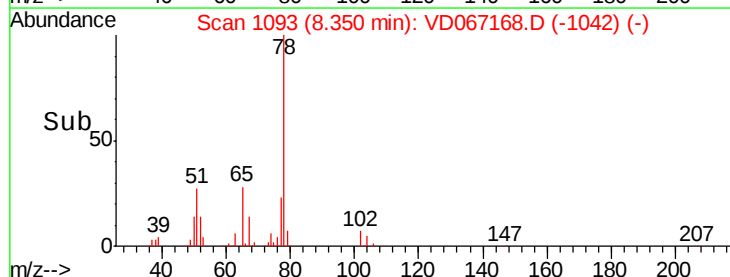
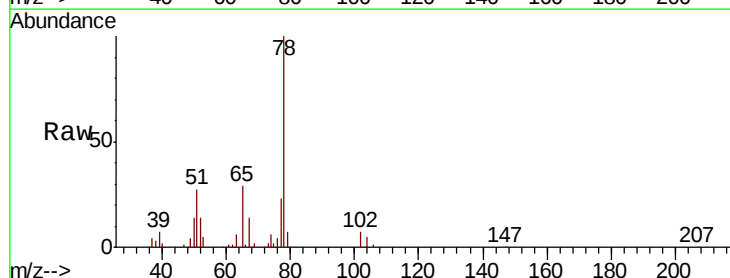
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

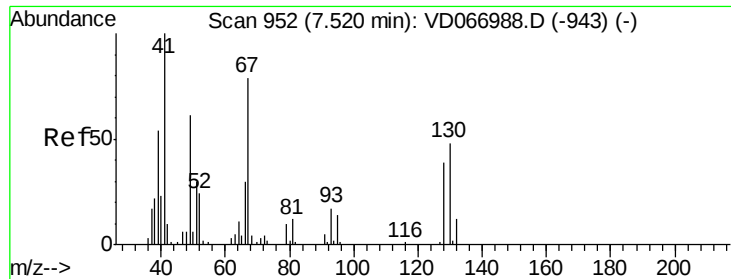
Tot Ion: 83 Resp: 97573
Ion Ratio Lower Upper
83 100
55 76.6 57.1 85.7
98 56.2 40.9 61.3



#40
Benzene
Concen: 20.088 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 78 Resp: 287786
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6

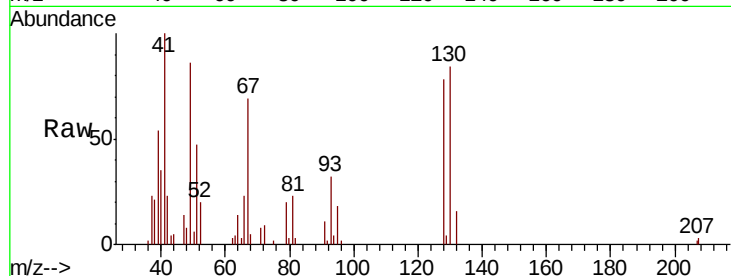




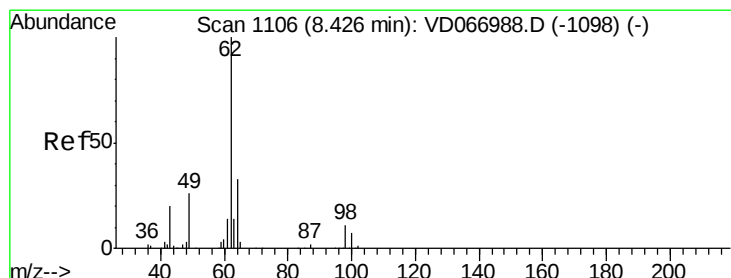
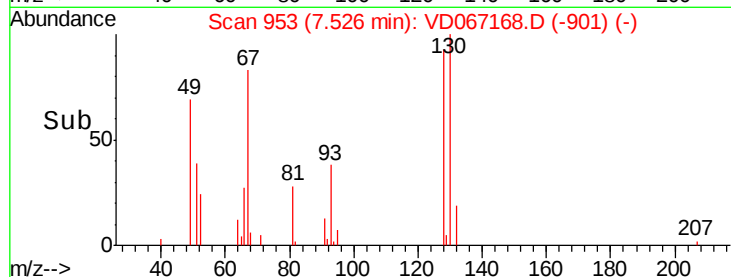
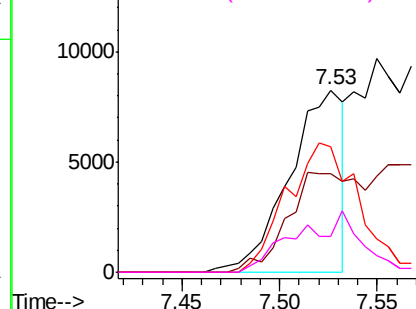
#41
Methacrylonitrile
Concen: 16.618 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

Tot Ion:	41	Resp:	16042
Ion	Ratio	Lower	Upper
41	100		
39	72.8	0.0	0.0#
67	92.7	0.0	0.0#
52	40.7	0.0	0.0#

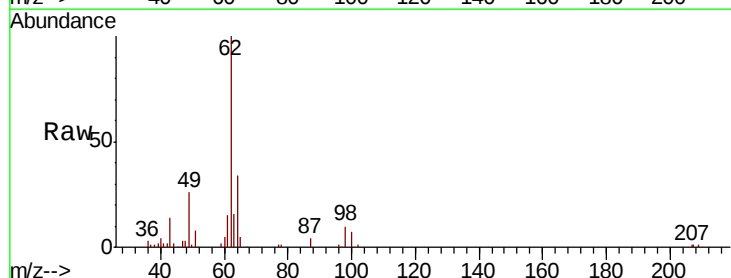


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

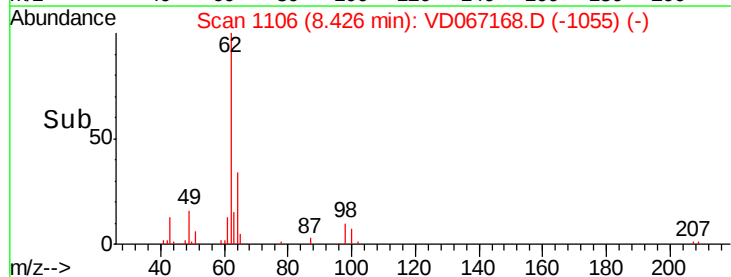
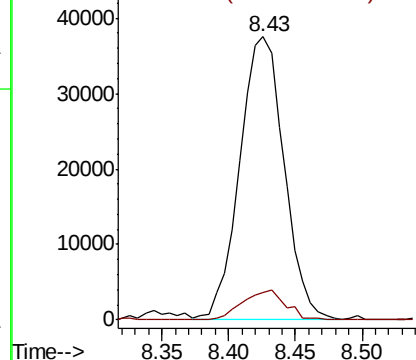


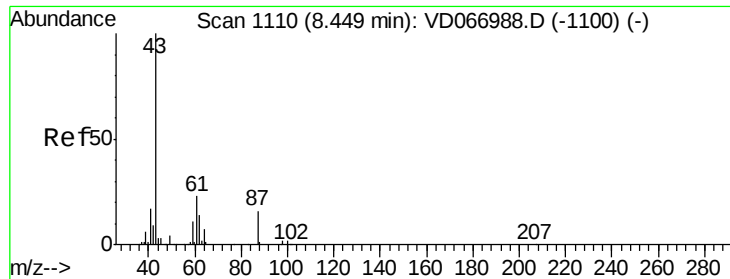
#42
1,2-Dichloroethane
Concen: 21.627 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion:	62	Resp:	86580
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.680 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

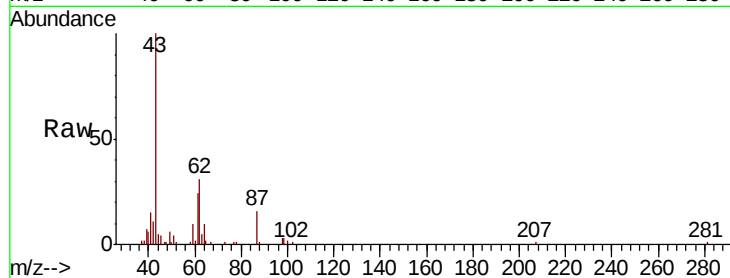
Tot Ion: 43 Resp: 61491

Ion Ratio Lower Upper

43 100

61 37.9 27.1 40.7

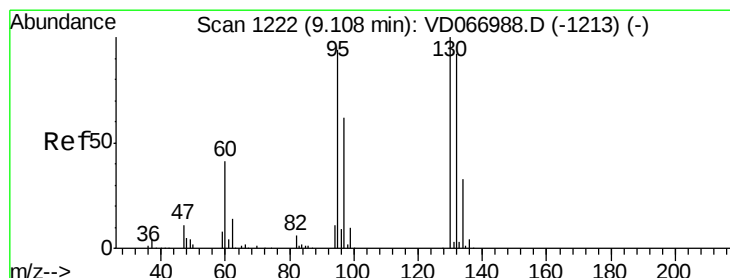
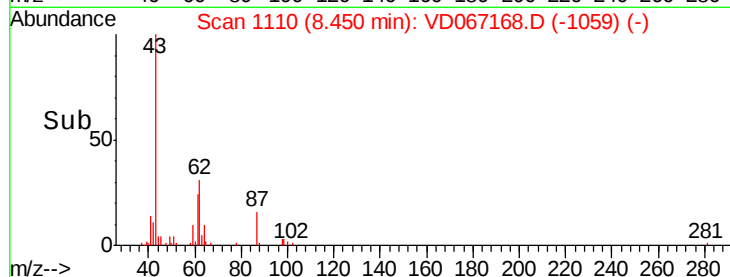
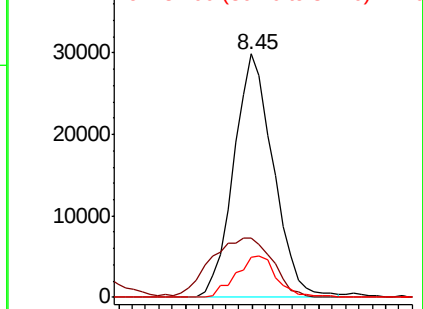
87 17.4 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.773 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067168.D

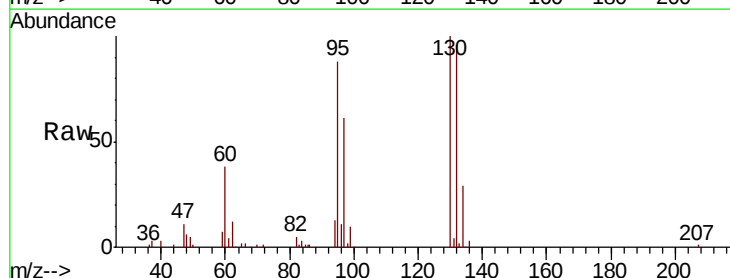
Acq: 07 Oct 2020 23:45

Tgt Ion: 130 Resp: 88865

Ion Ratio Lower Upper

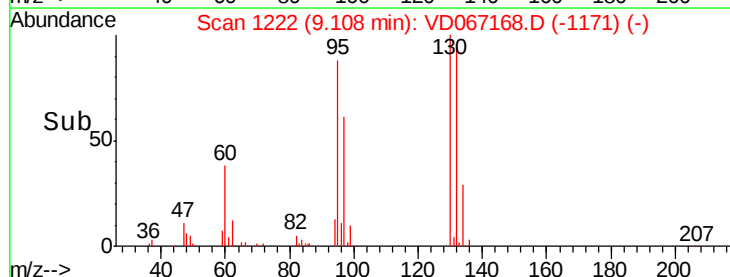
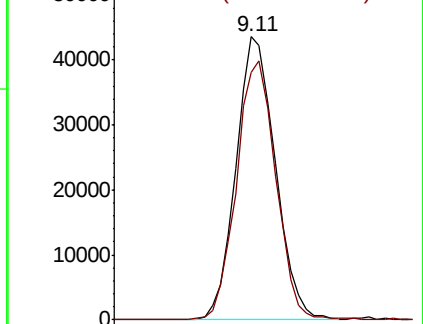
130 100

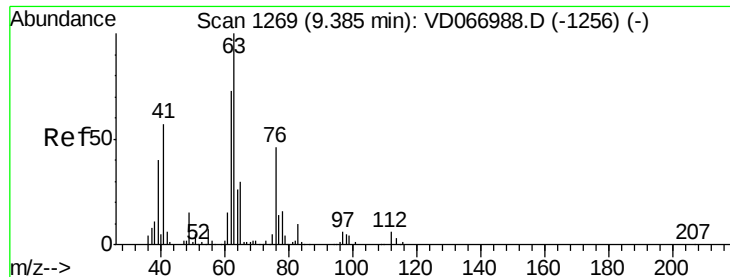
95 87.6 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.294 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

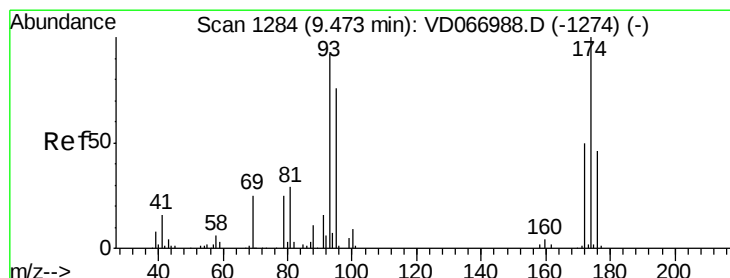
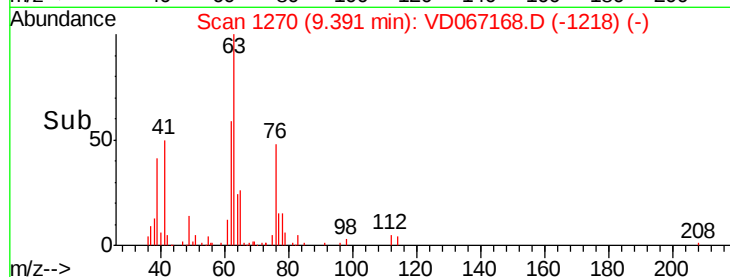
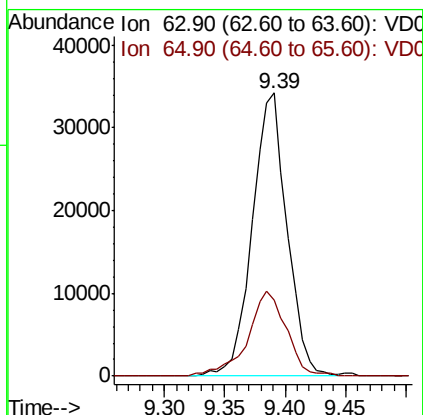
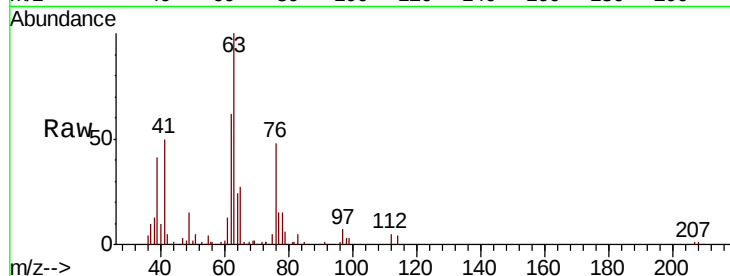
VD1007SBS02

Tot Ion: 63 Resp: 68312

Ion Ratio Lower Upper

63 100

65 26.8 23.7 35.5



#46

Dibromomethane

Concen: 20.559 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

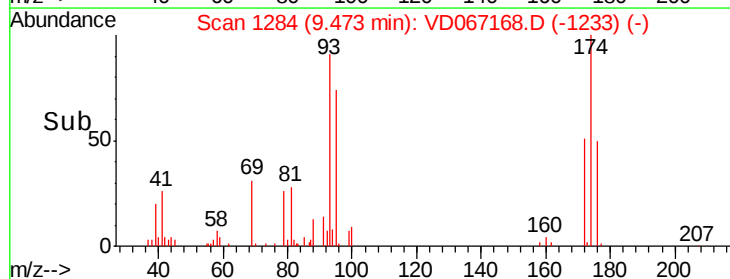
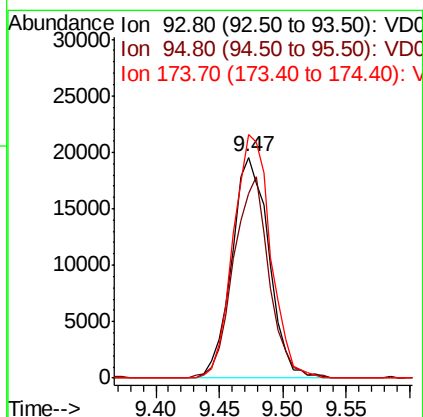
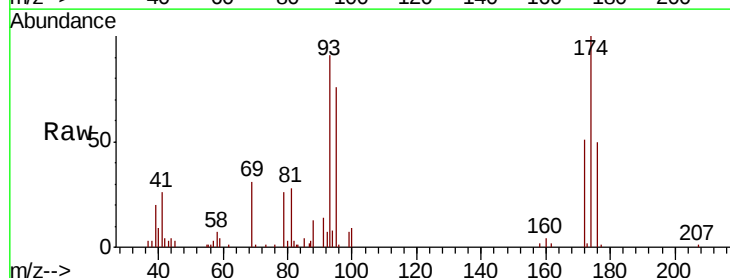
Tgt Ion: 93 Resp: 39775

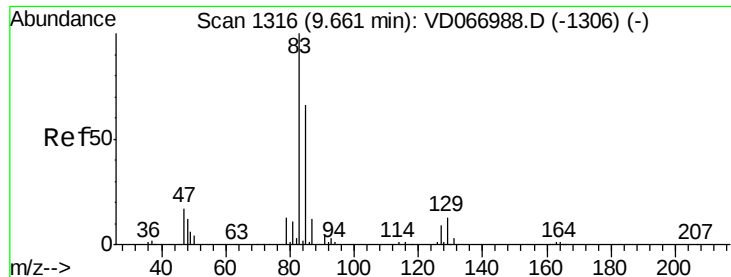
Ion Ratio Lower Upper

93 100

95 87.3 64.7 97.1

174 110.5 81.4 122.2

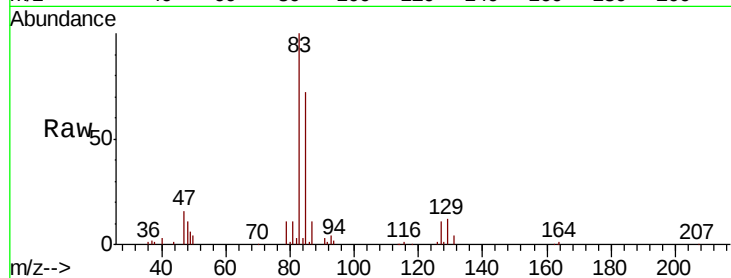




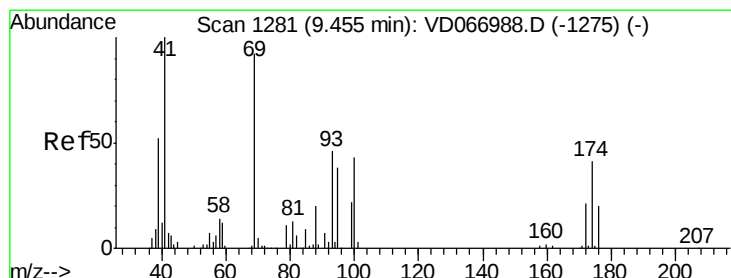
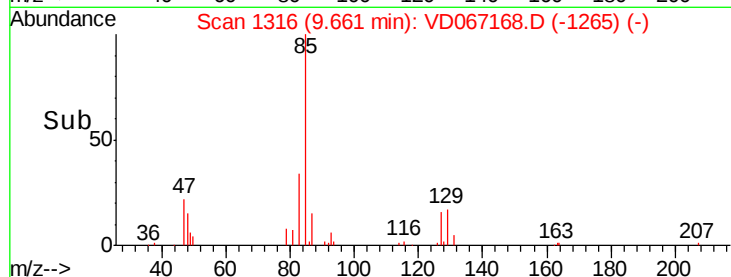
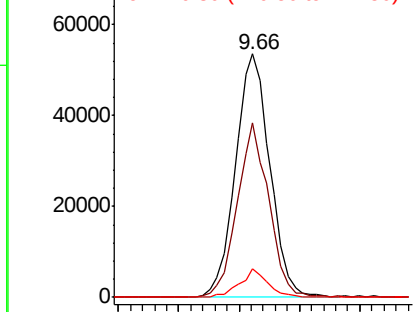
#47
Bromodichloromethane
Concen: 21.116 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

Tot Ion: 83 Resp: 106197
Ion Ratio Lower Upper
83 100
85 71.6 52.9 79.3
127 11.5 7.3 10.9#

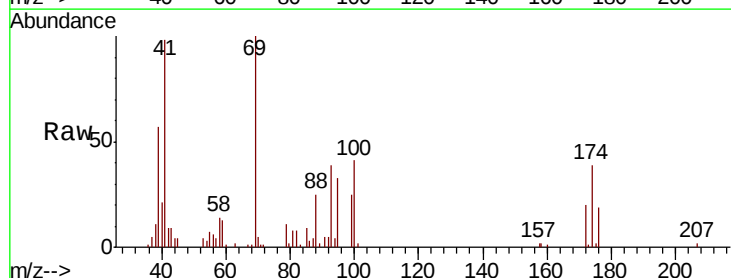


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

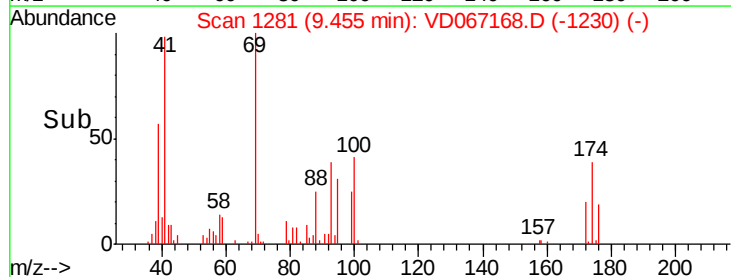
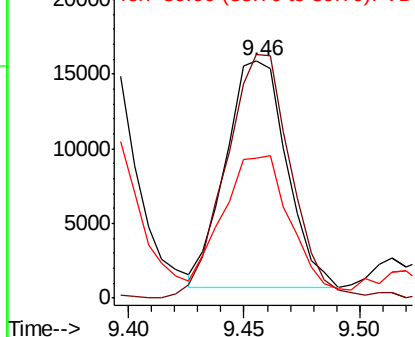


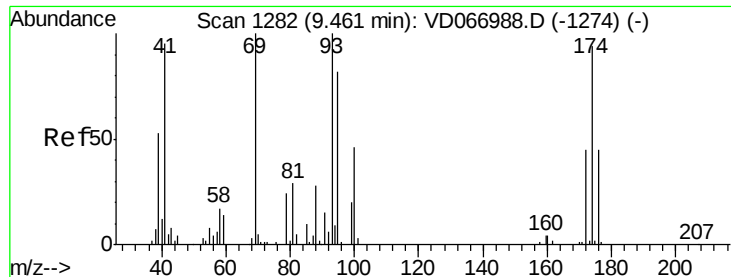
#48
Methyl methacrylate
Concen: 16.540 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 41 Resp: 27894
Ion Ratio Lower Upper
41 100
69 114.0 68.5 102.7#
39 71.9 40.2 60.2#



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

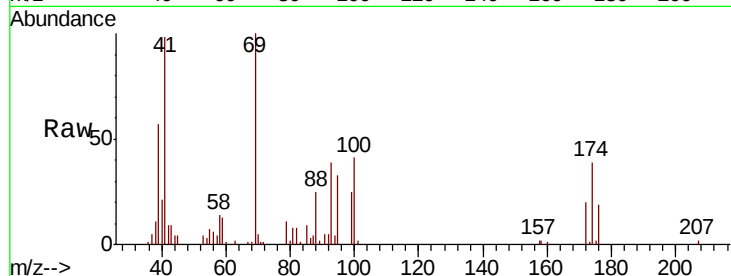




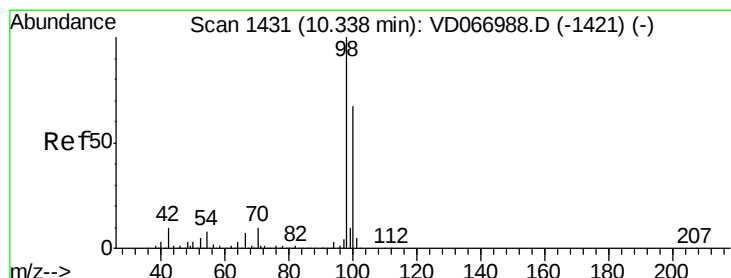
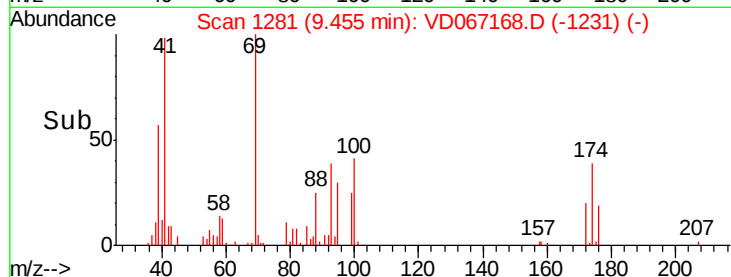
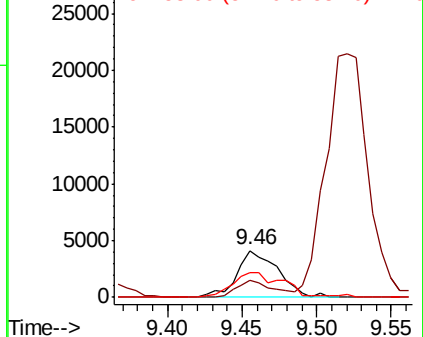
#49
1,4-Dioxane
Concen: 389.062 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

Tot Ion: 88 Resp: 7856
Ion Ratio Lower Upper
88 100
43 33.0 25.6 38.4
58 64.2 53.5 80.3

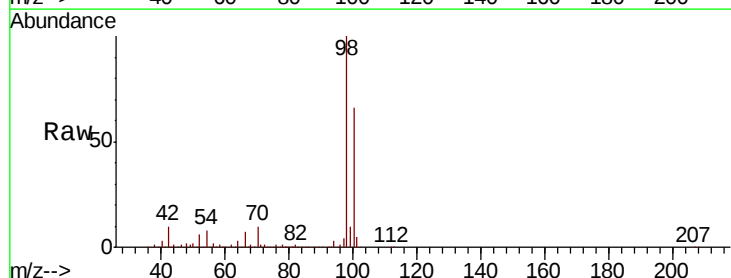


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

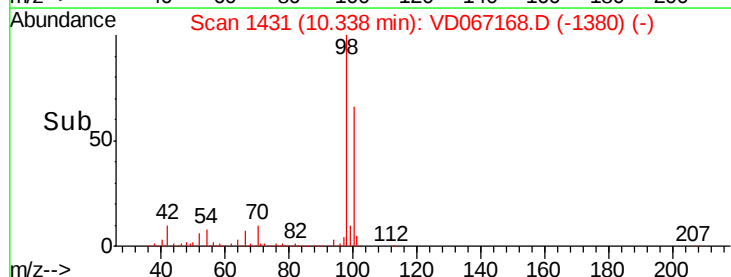
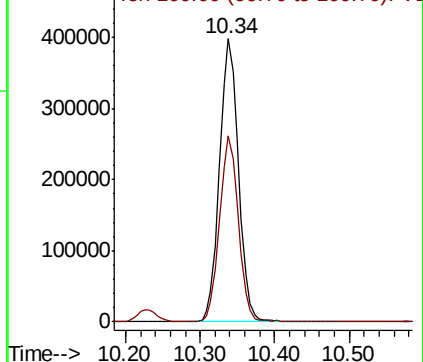


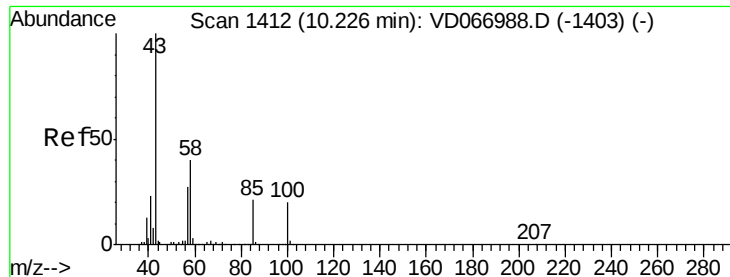
#50
Toluene-d8
Concen: 53.303 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 98 Resp: 703646
Ion Ratio Lower Upper
98 100
100 65.1 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: 94.962 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

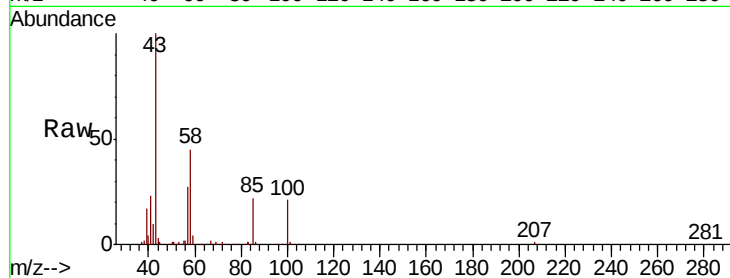
VD1007SBS02

Tot Ion: 43 Resp: 155702

Ion Ratio Lower Upper

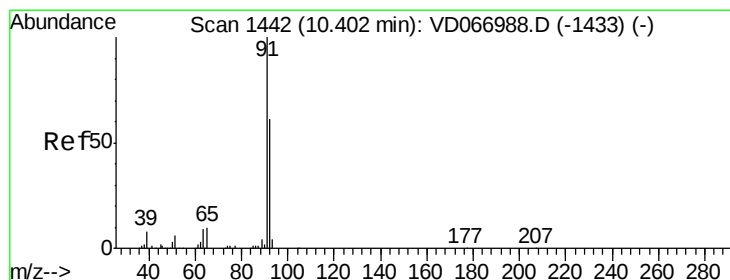
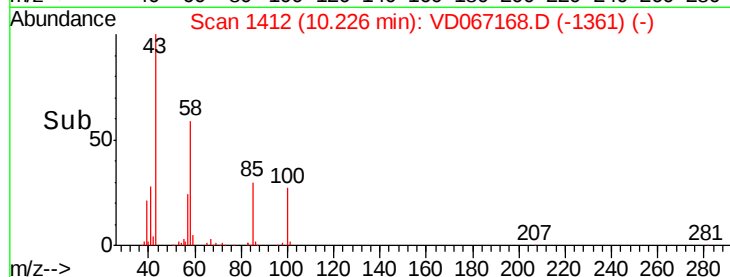
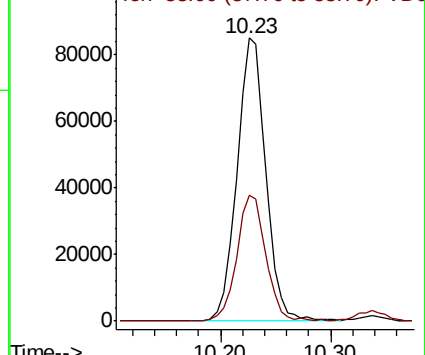
43 100

58 45.1 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: 21.608 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067168.D

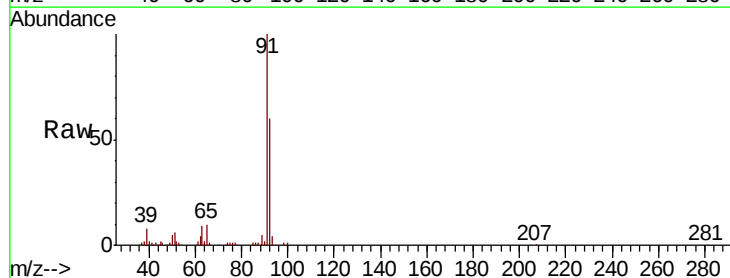
Acq: 07 Oct 2020 23:45

Tgt Ion: 92 Resp: 199410

Ion Ratio Lower Upper

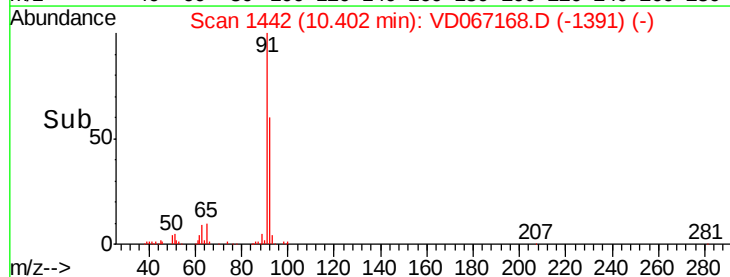
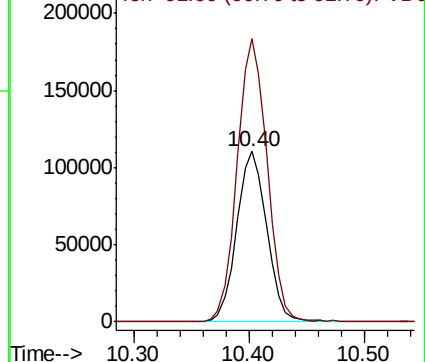
92 100

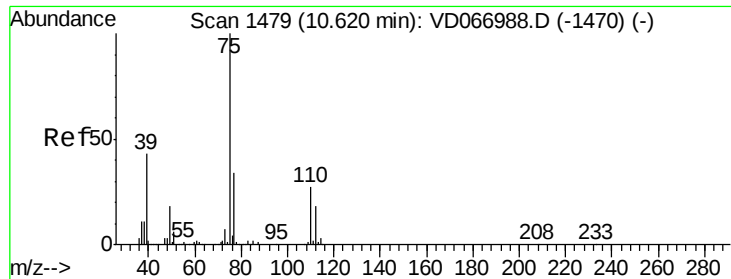
91 165.4 135.1 202.7



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: 21.325 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

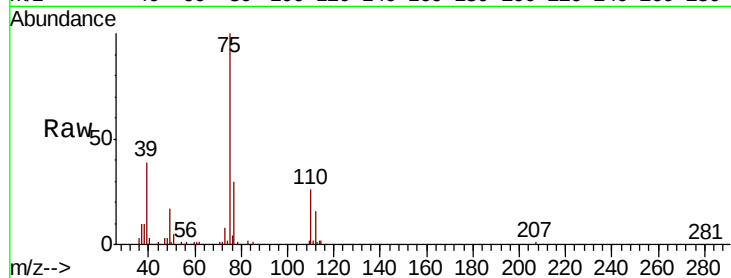
VD1007SBSD02

Tot Ion: 75 Resp: 95850

Ion Ratio Lower Upper

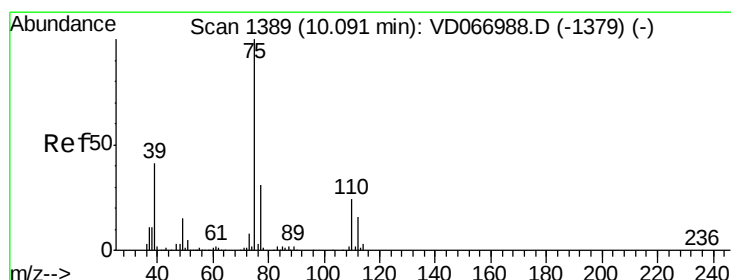
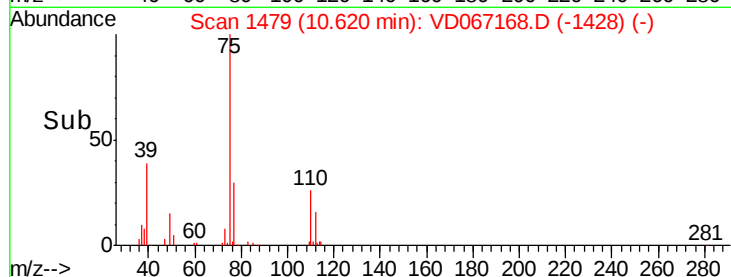
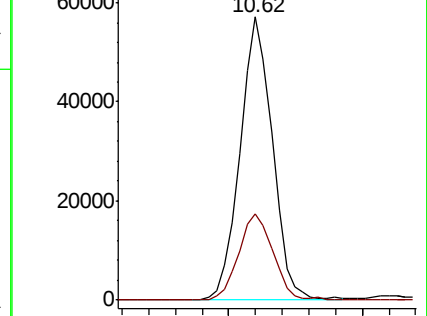
75 100

77 30.5 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.683 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

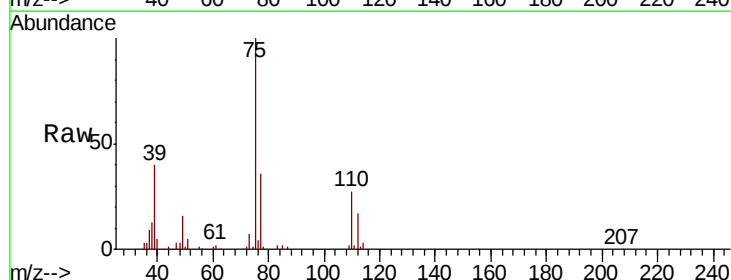
Tgt Ion: 75 Resp: 113518

Ion Ratio Lower Upper

75 100

77 35.8 24.6 37.0

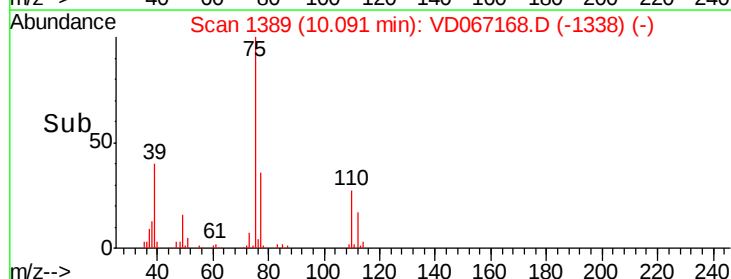
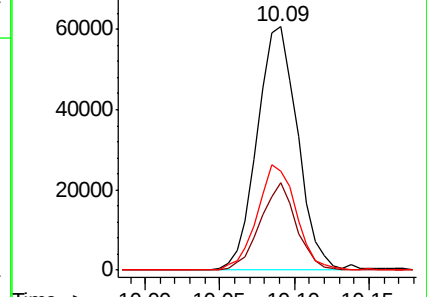
39 40.1 33.0 49.4

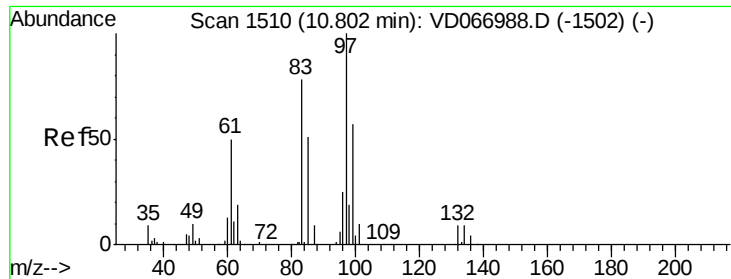


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

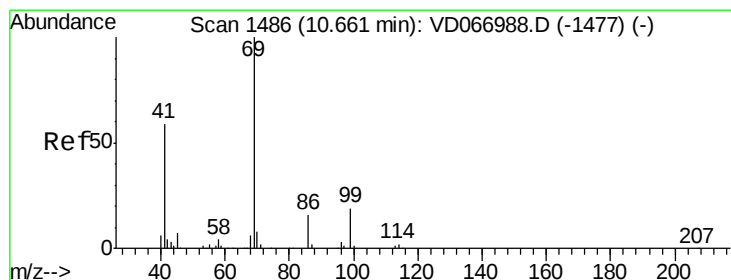
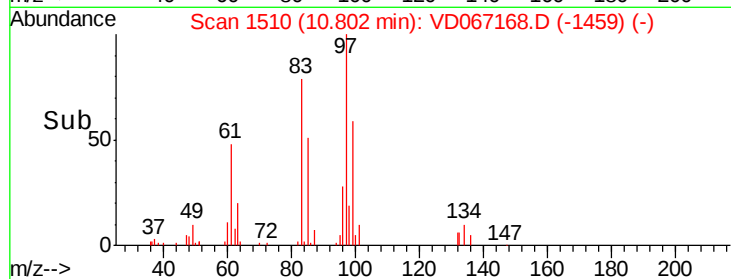
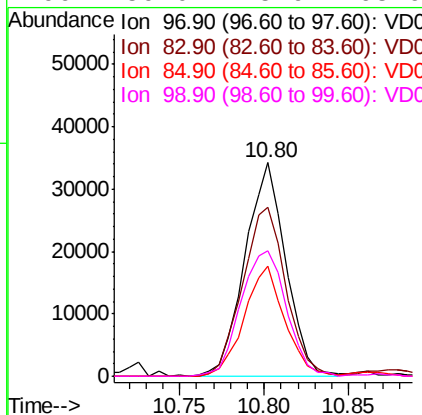
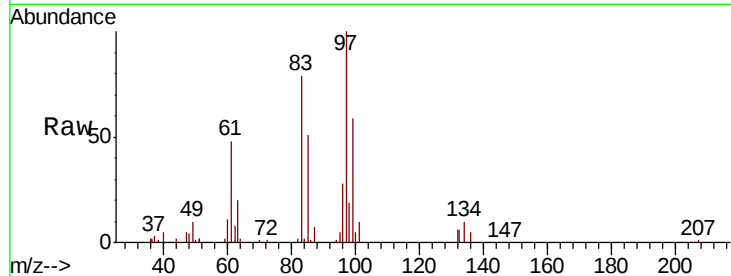




#55
 1,1,2-Trichloroethane
 Concen: 21.436 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

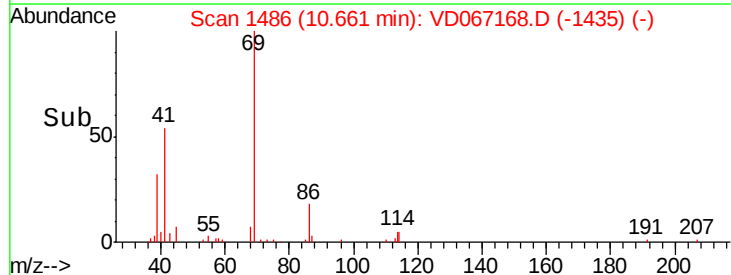
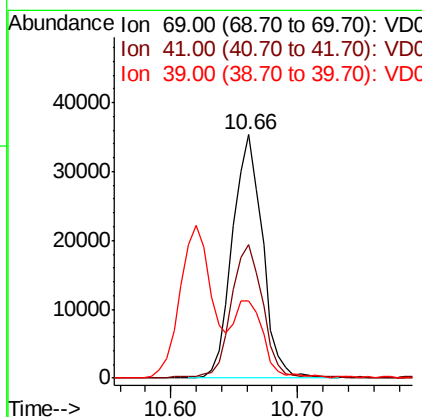
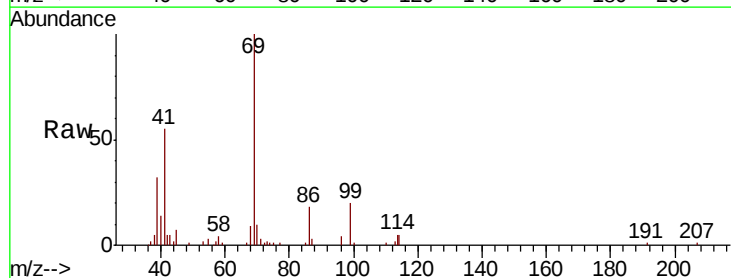
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD02

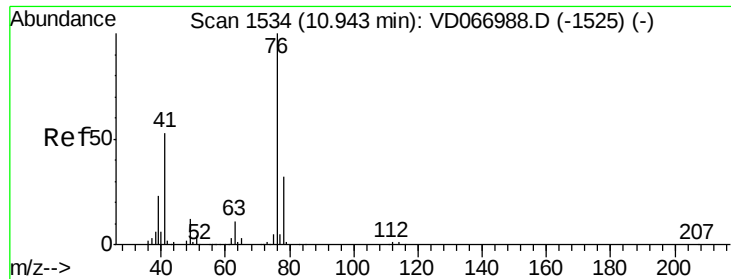
Tot Ion:	97	Resp:	57658
Ion	Ratio	Lower	Upper
97	100		
83	78.9	62.4	93.6
85	51.4	41.0	61.4
99	59.0	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 20.827 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Tgt Ion:	69	Resp:	57839
Ion	Ratio	Lower	Upper
69	100		
41	58.3	46.4	69.6
39	31.8	23.8	35.6





#57

1,3-Dichloropropane

Concen: 21.364 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

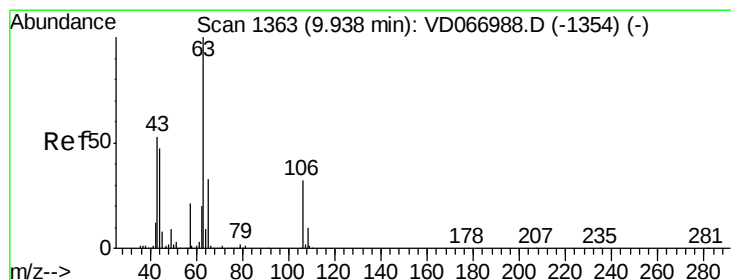
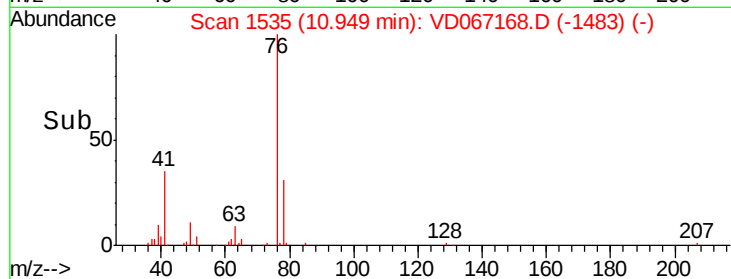
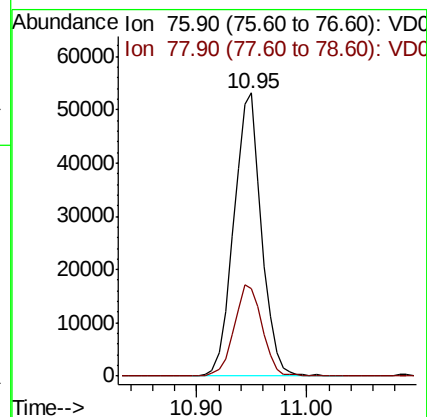
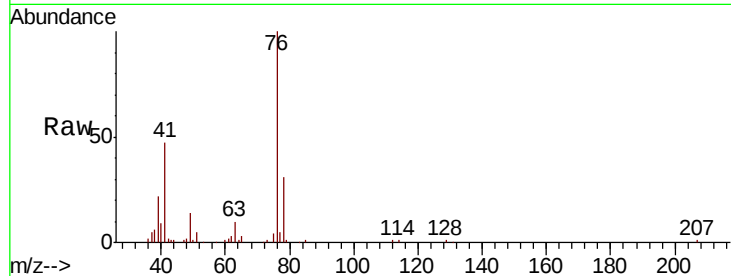
VD1007SBS02

Tot Ion: 76 Resp: 93186

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.325 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067168.D

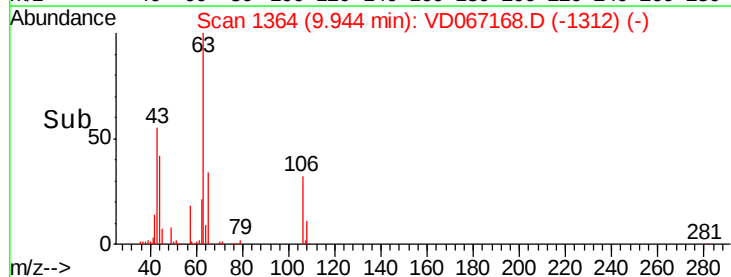
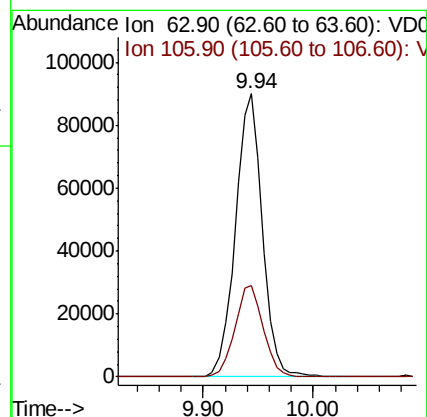
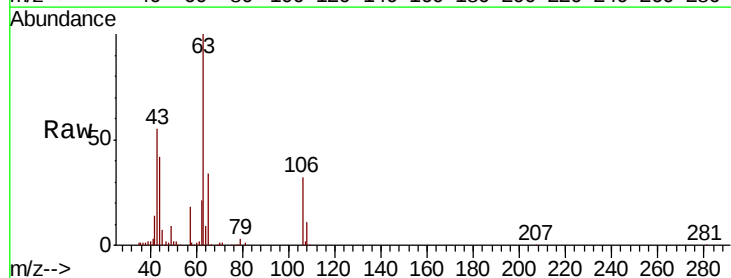
Acq: 07 Oct 2020 23:45

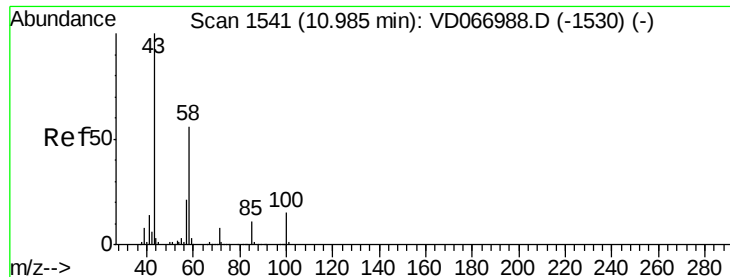
Tgt Ion: 63 Resp: 153524

Ion Ratio Lower Upper

63 100

106 34.1 25.3 37.9

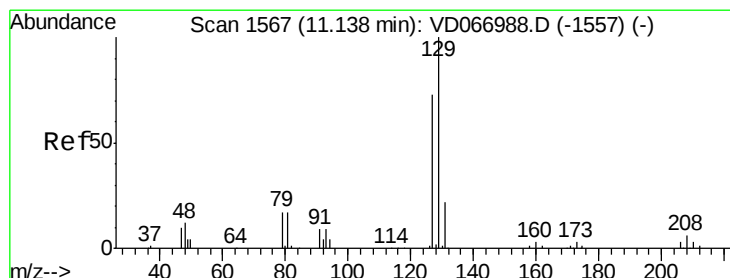
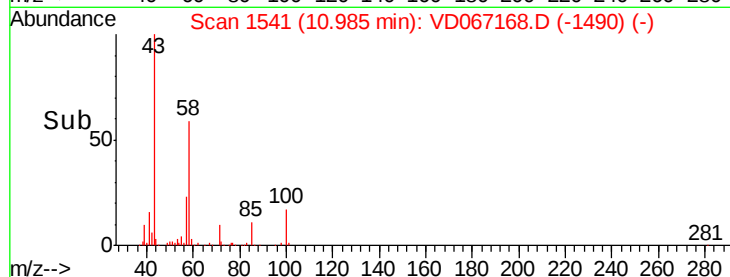
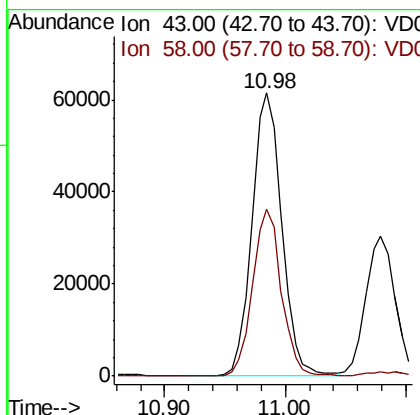
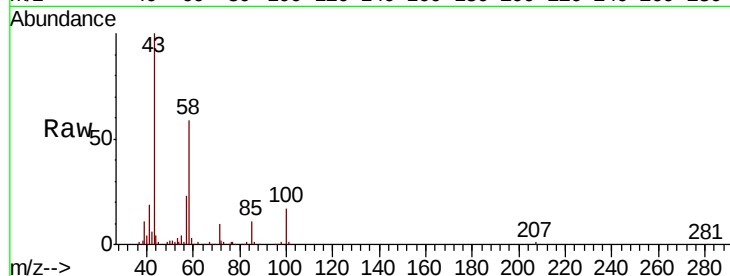




#59
2-Hexanone
Concen: 96.430 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

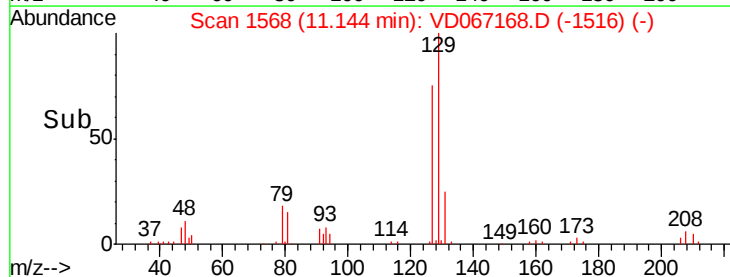
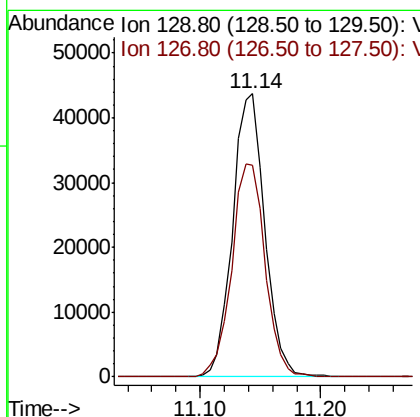
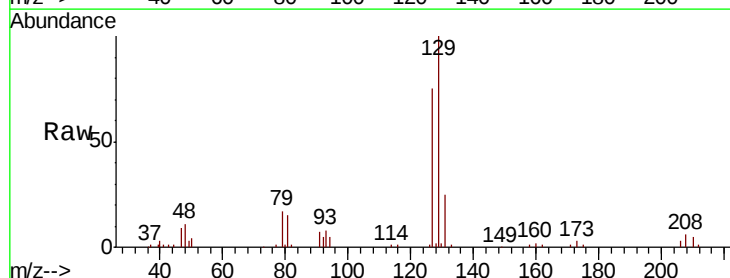
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

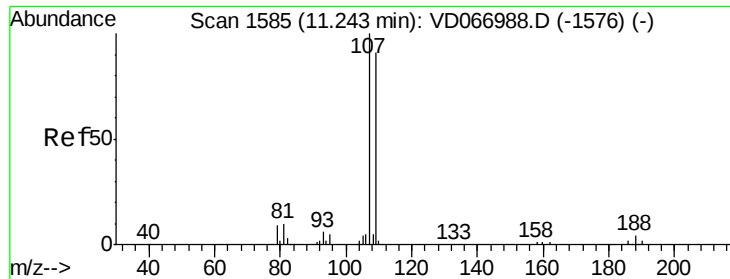
Tot Ion: 43 Resp: 105528
Ion Ratio Lower Upper
43 100
58 57.0 28.3 84.9



#60
Dibromochloromethane
Concen: 22.652 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 129 Resp: 81208
Ion Ratio Lower Upper
129 100
127 77.8 37.4 112.1

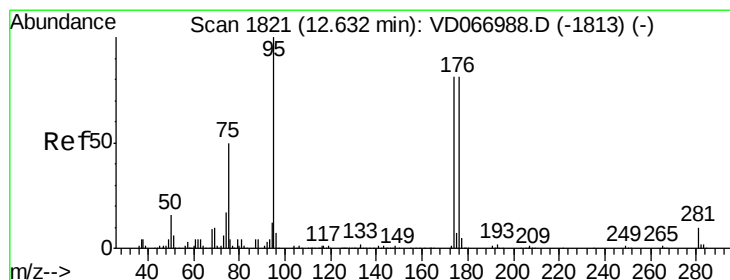
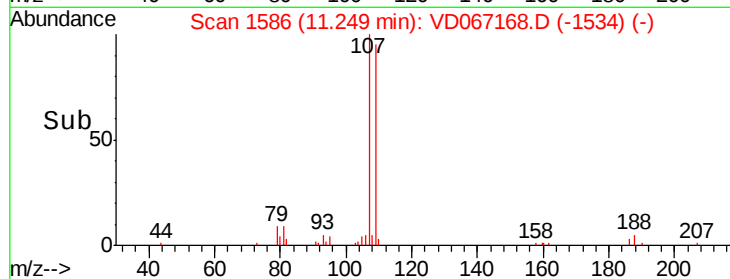
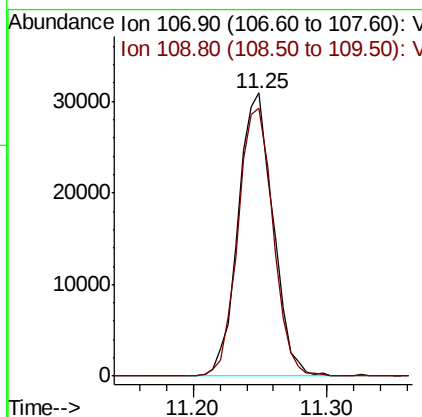
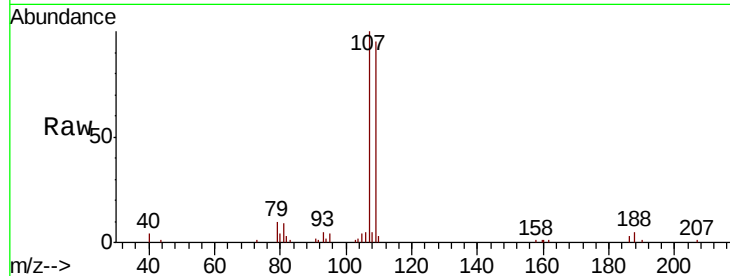




#61
 1,2-Dibromoethane
 Concen: 21.635 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

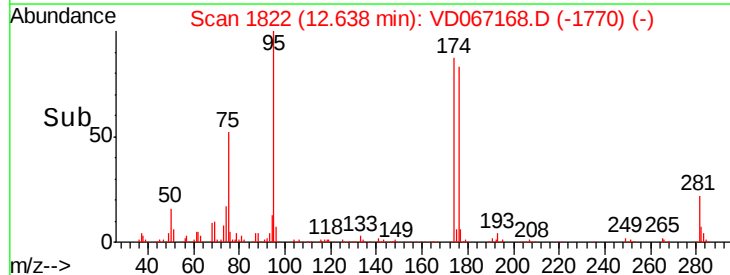
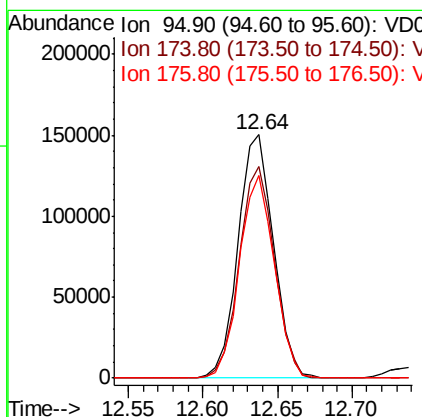
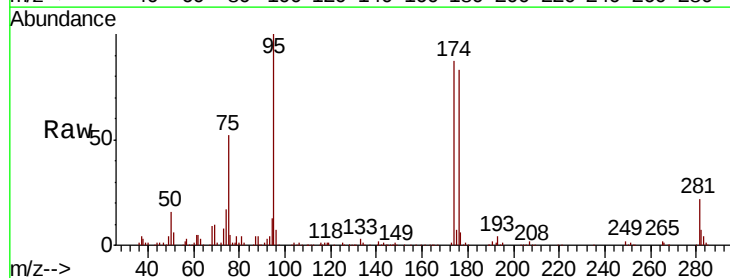
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD02

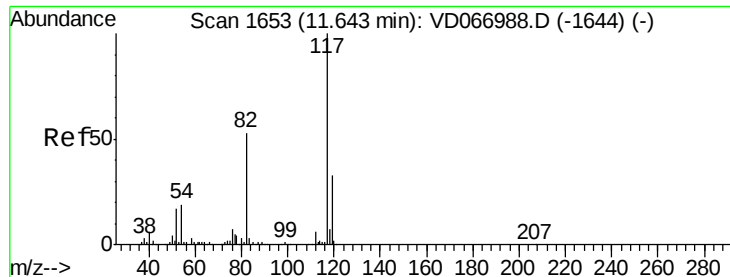
Tot Ion:107 Resp: 55909
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 55.233 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Tgt Ion: 95 Resp: 247519
 Ion Ratio Lower Upper
 95 100
 174 86.2 0.0 167.6
 176 81.9 0.0 162.4

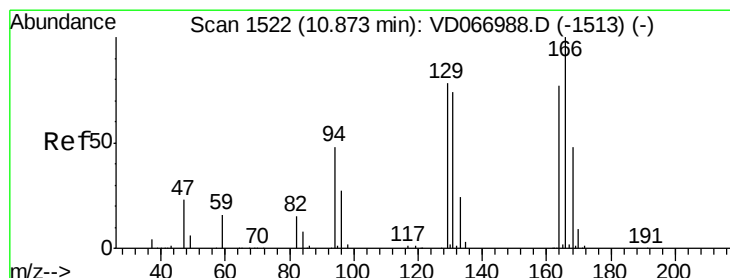
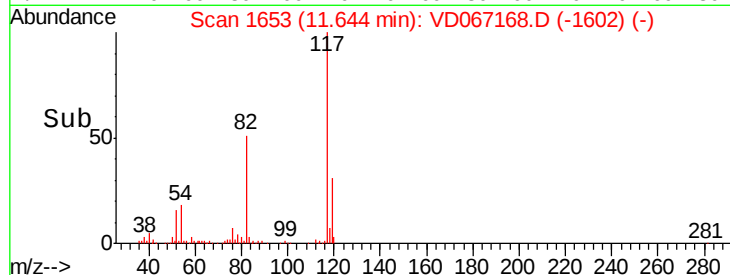
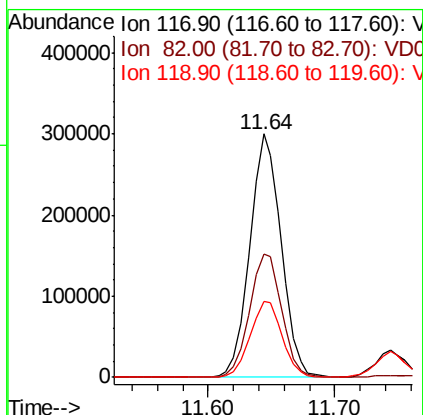
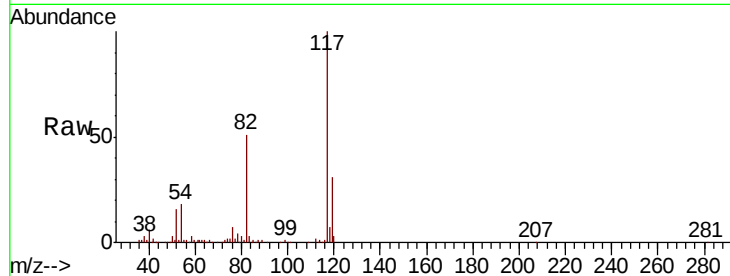




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

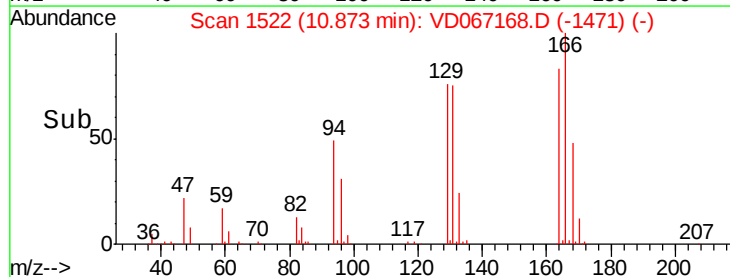
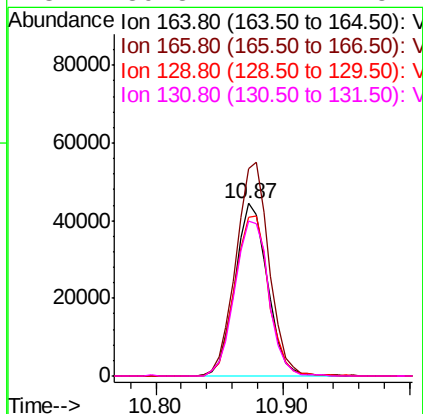
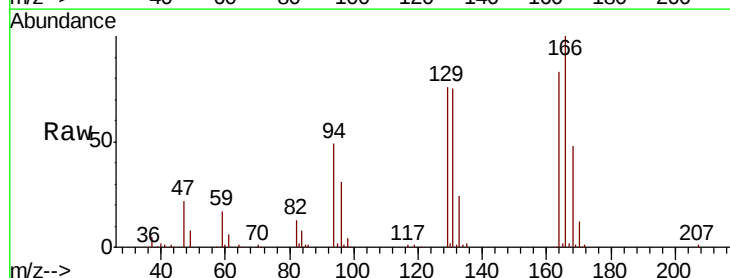
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

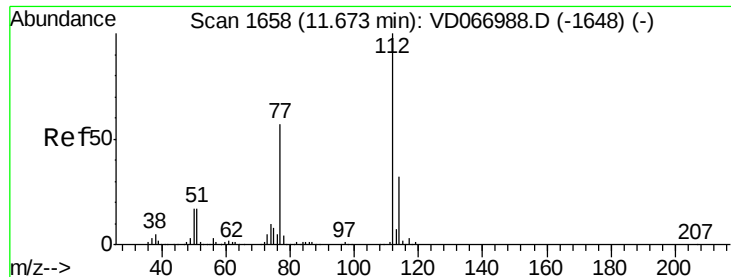
Tot Ion:117 Resp: 515758
Ion Ratio Lower Upper
117 100
82 50.6 42.6 63.8
119 31.2 26.3 39.5



#64
Tetrachloroethene
Concen: 21.069 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion:164 Resp: 78999
Ion Ratio Lower Upper
164 100
166 120.1 104.4 156.6
129 91.9 81.3 121.9
131 89.8 77.1 115.7

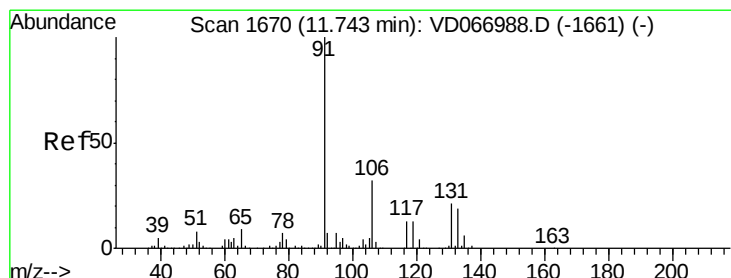
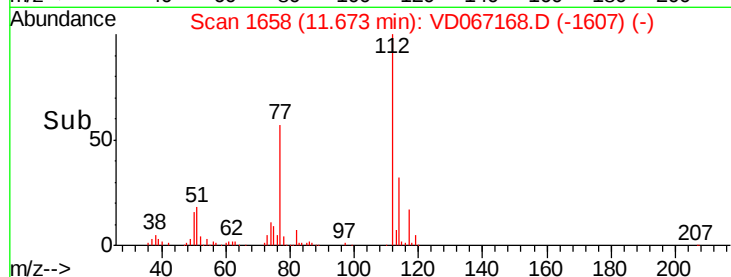
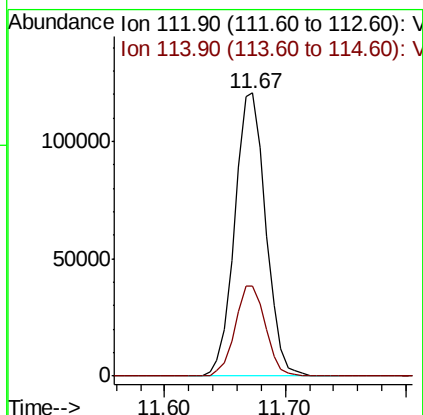
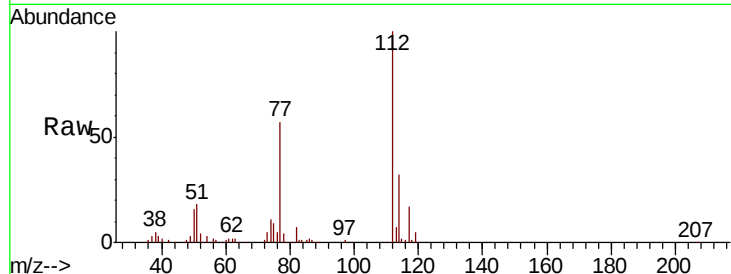




#65
Chlorobenzene
Concen: 21.127 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

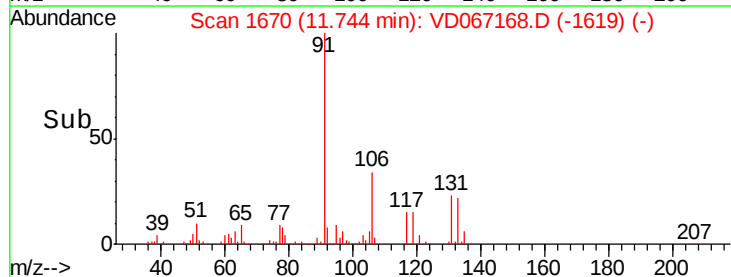
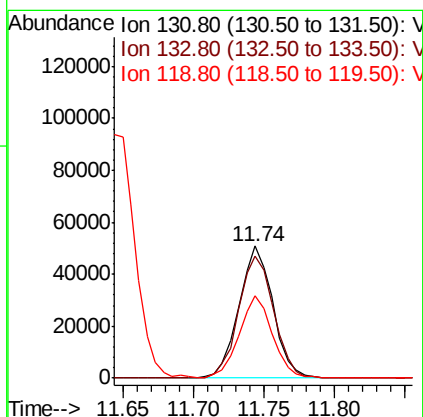
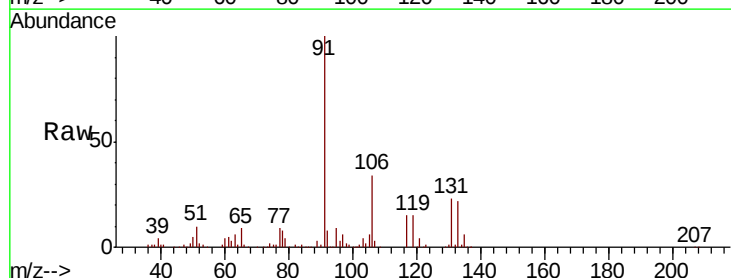
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

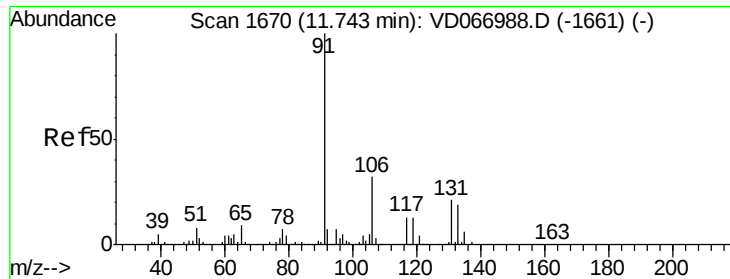
Tot Ion:112 Resp: 216718
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.950 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion:131 Resp: 85648
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 61.1 32.3 96.8

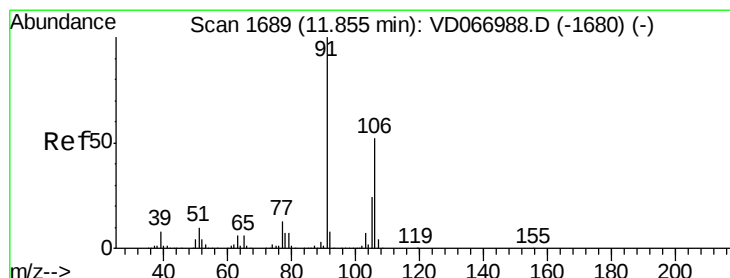
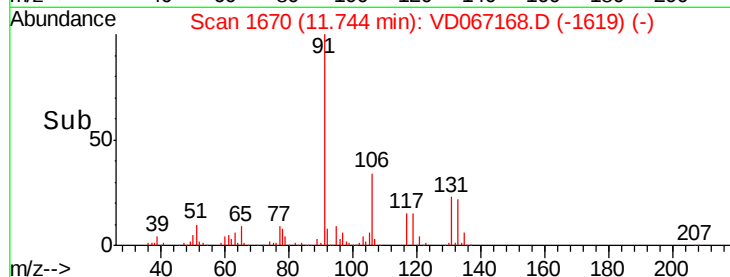
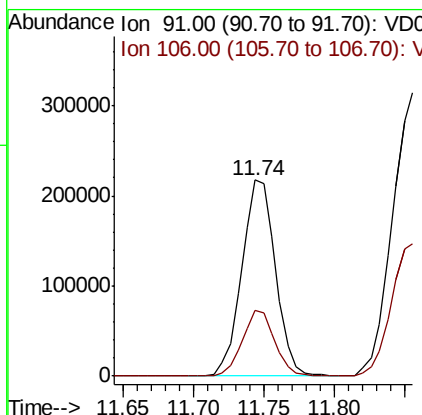
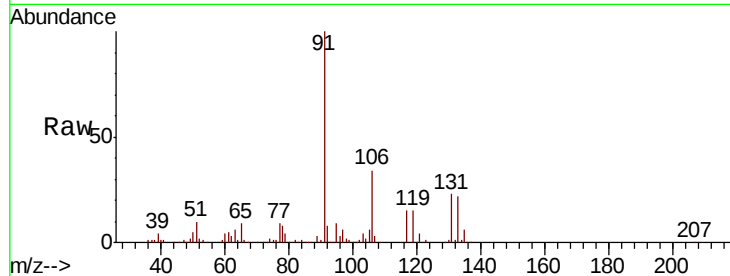




#67
Ethyl Benzene
Concen: 20.660 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

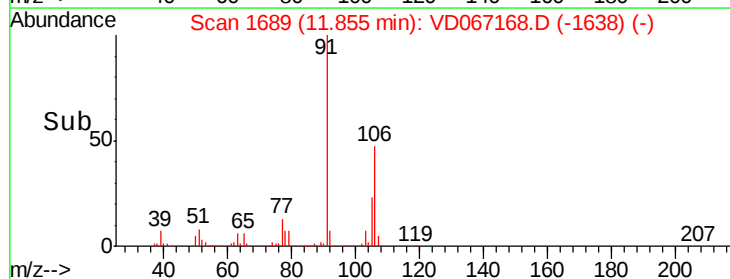
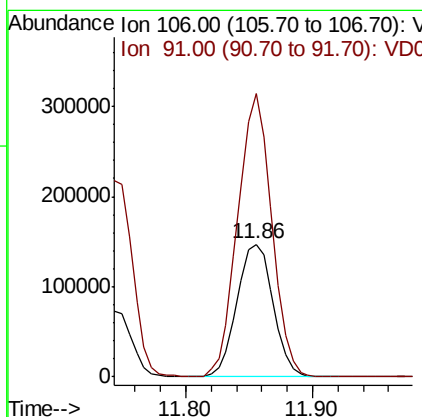
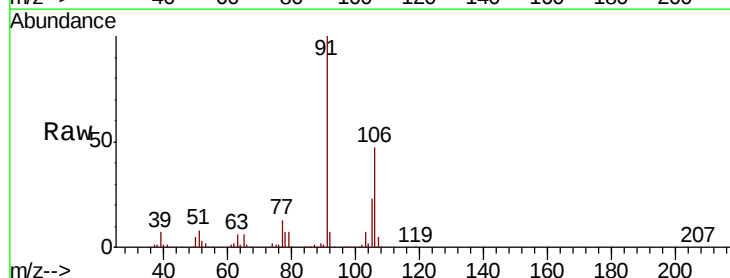
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

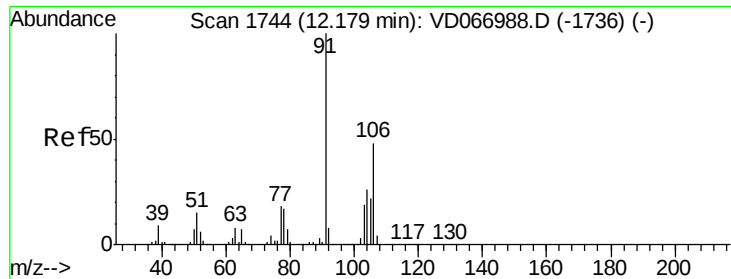
Tot Ion: 91 Resp: 363109
Ion Ratio Lower Upper
91 100
106 33.8 25.4 38.2



#68
m/p-Xylenes
Concen: 42.393 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 106 Resp: 290373
Ion Ratio Lower Upper
106 100
91 201.7 158.4 237.6

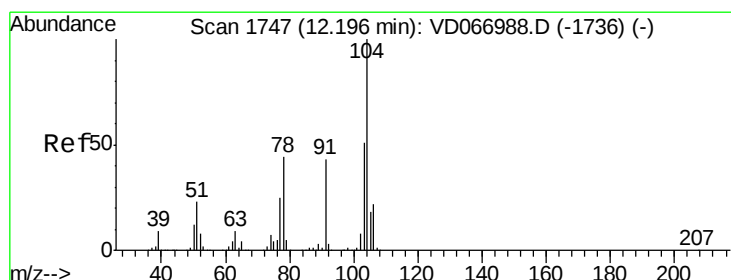
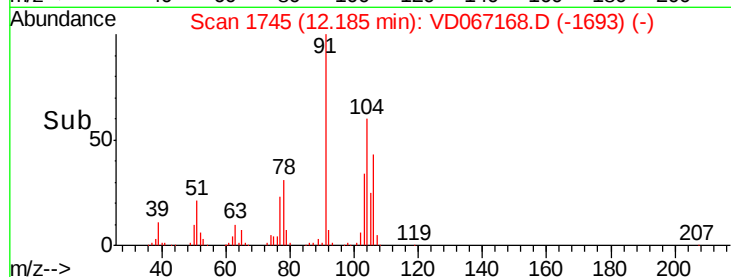
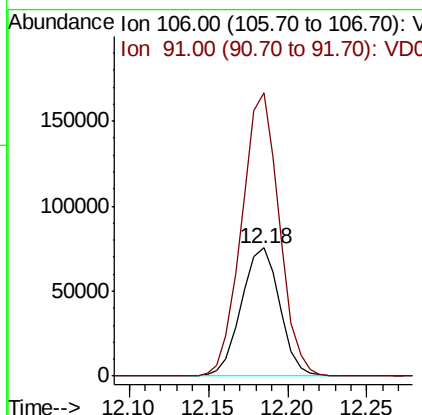
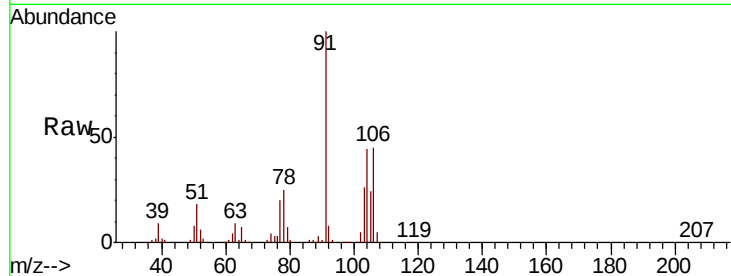




#69
o-Xylene
Concen: 20.854 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

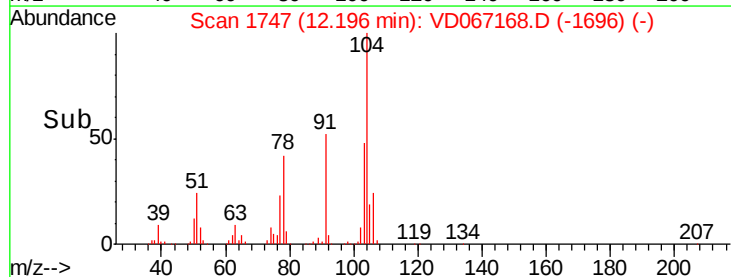
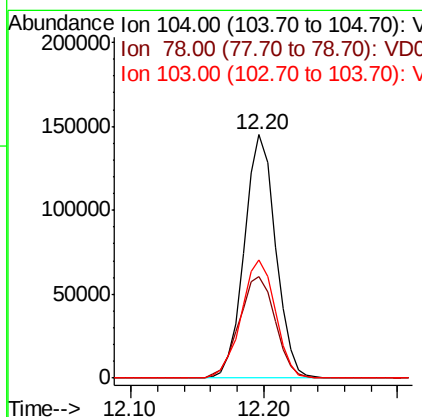
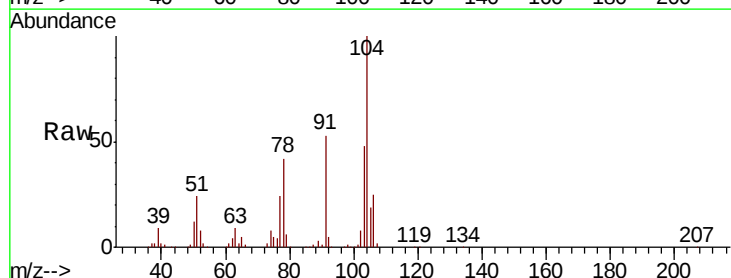
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

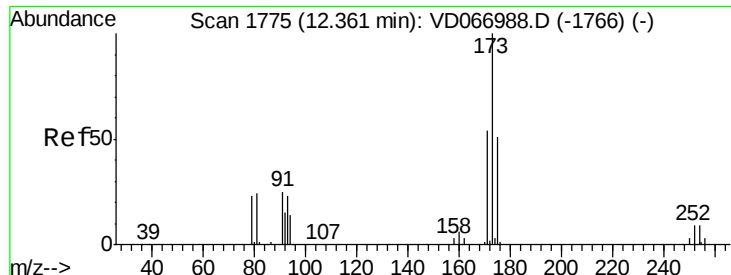
Tot Ion:106 Resp: 127735
Ion Ratio Lower Upper
106 100
91 215.2 102.4 307.2



#70
Styrene
Concen: 22.252 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion:104 Resp: 234039
Ion Ratio Lower Upper
104 100
78 48.5 38.6 58.0
103 53.3 43.4 65.0





#71

Bromoform

Concen: 22.916 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD02

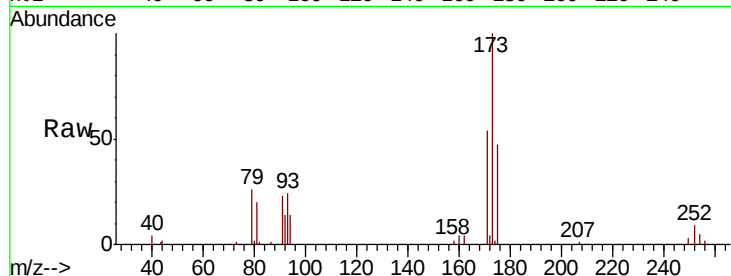
Tot Ion:173 Resp: 46414

Ion Ratio Lower Upper

173 100

175 47.3 24.9 74.7

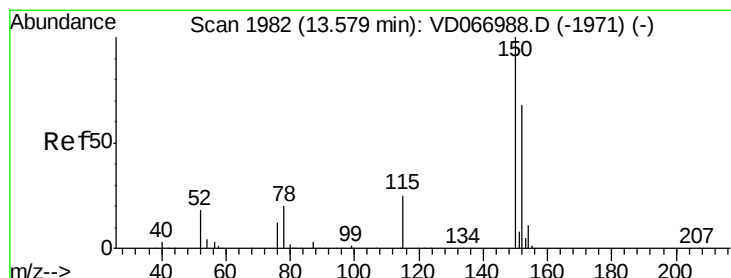
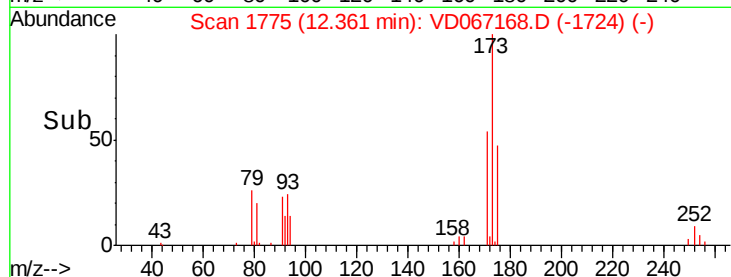
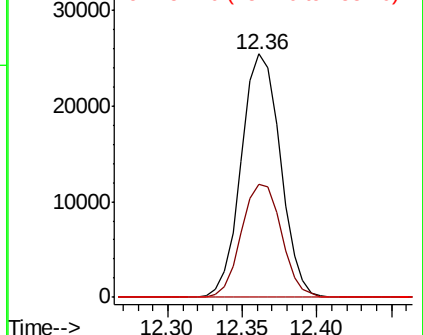
254 0.0 0.2 0.4#



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: VD067168.D

Acq: 07 Oct 2020 23:45

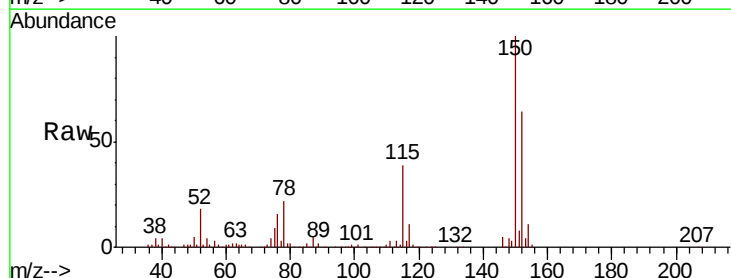
Tgt Ion:152 Resp: 256748

Ion Ratio Lower Upper

152 100

115 60.6 29.6 88.8

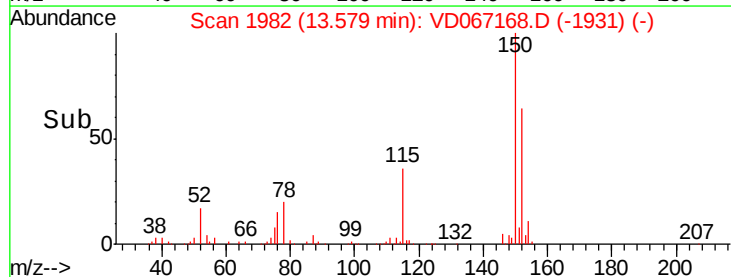
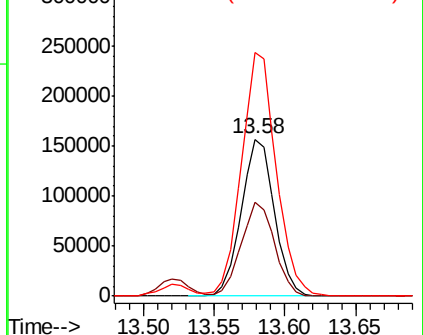
150 163.2 0.0 344.8

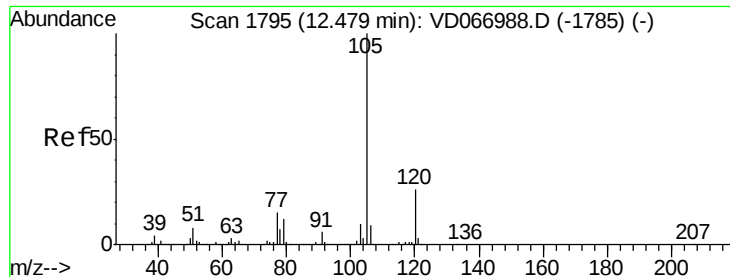


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.770 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

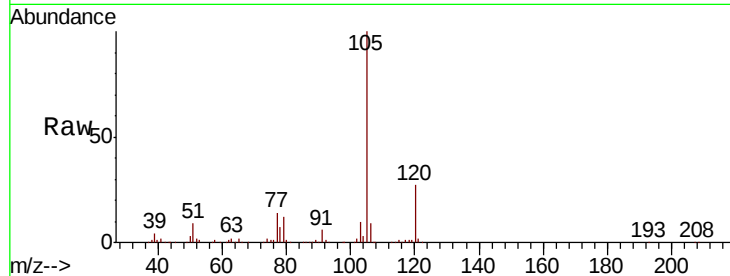
VD1007SBS02

Tot Ion:105 Resp: 362092

Ion Ratio Lower Upper

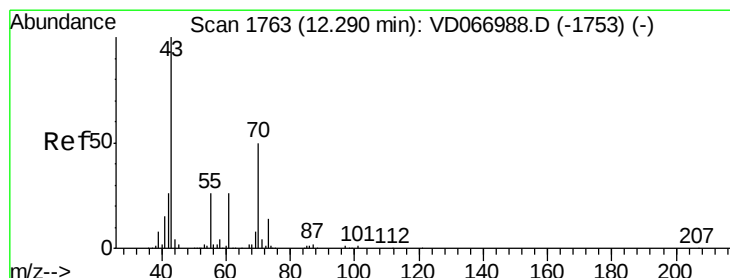
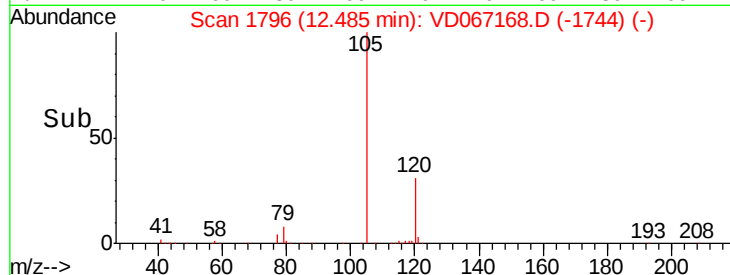
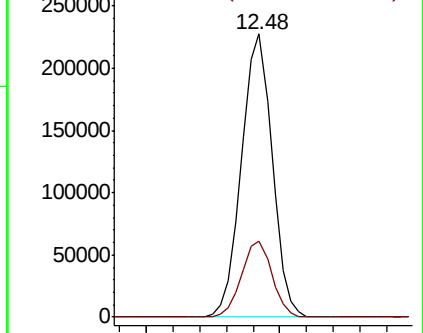
105 100

120 26.5 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: 18.113 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Tgt Ion: 43 Resp: 56765

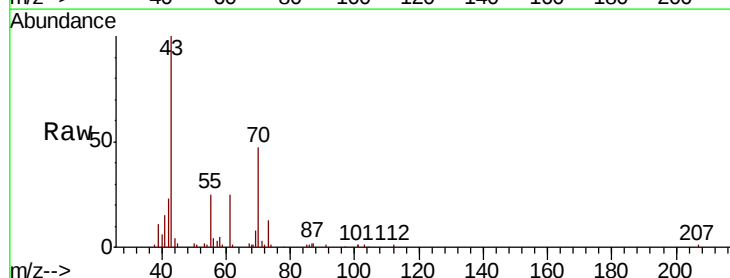
Ion Ratio Lower Upper

43 100

70 50.8 38.2 57.2

55 28.5 22.4 33.6

61 25.9 20.6 31.0

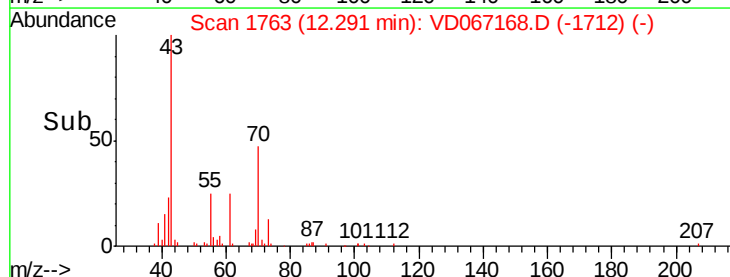
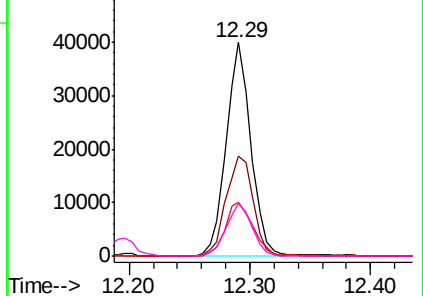


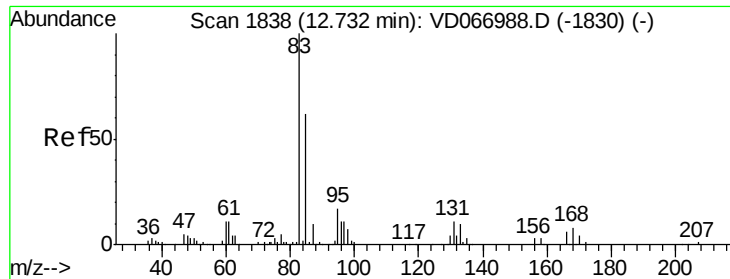
Abundance Ion 43.00 (42.70 to 43.70): V

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: 20.075 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD02

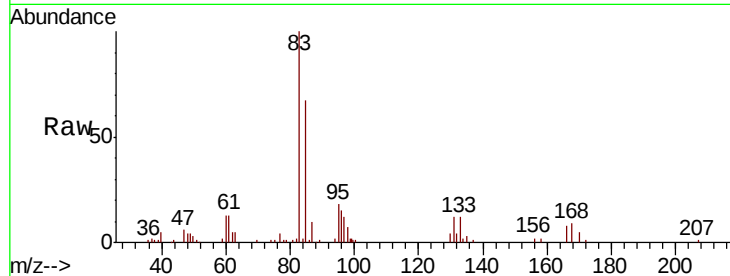
Tot Ion: 83 Resp: 58966

Ion Ratio Lower Upper

83 100

131 11.9 5.7 17.0

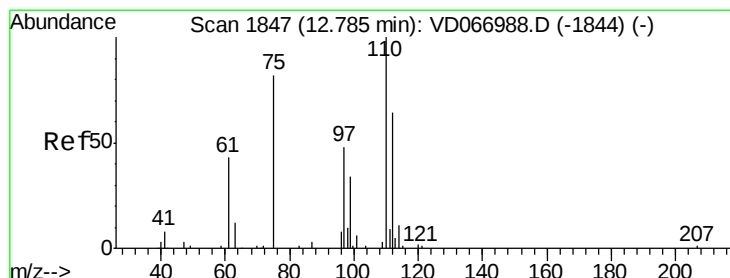
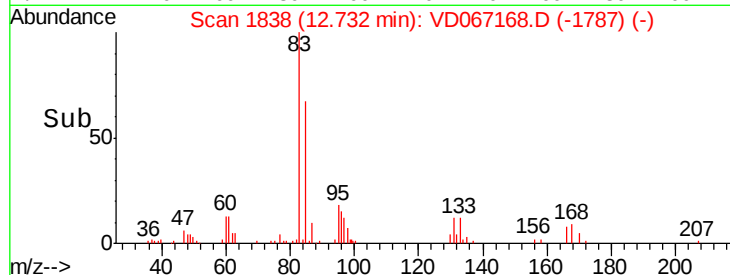
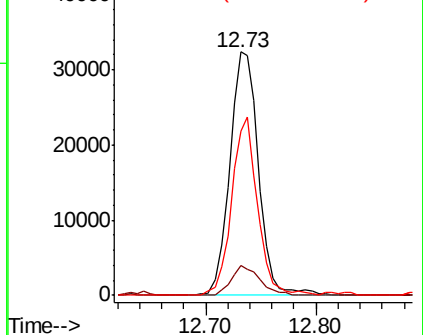
85 65.9 32.0 96.2



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: 34.162 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD067168.D

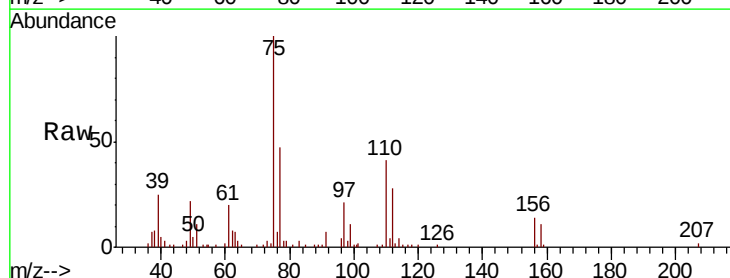
Acq: 07 Oct 2020 23:45

Tgt Ion: 75 Resp: 76398

Ion Ratio Lower Upper

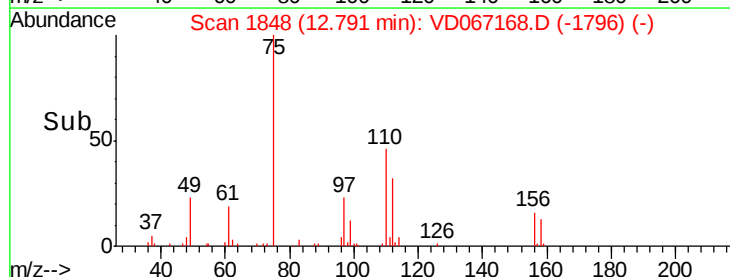
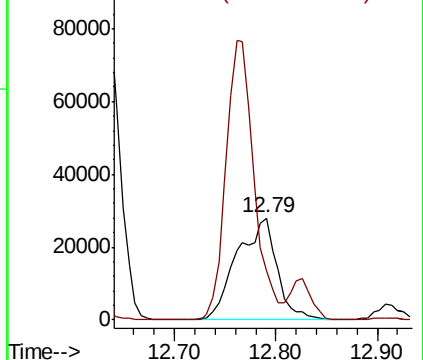
75 100

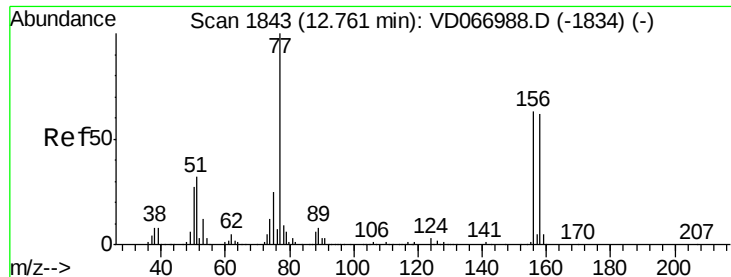
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.930 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD02

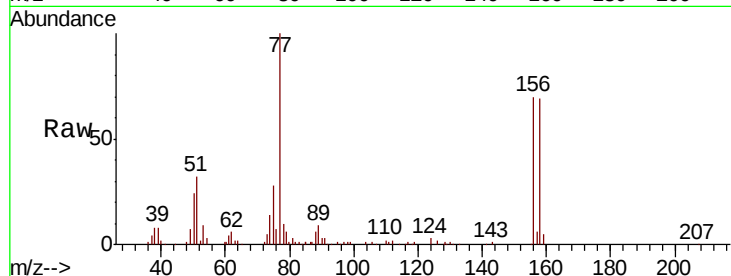
Tot Ion:156 Resp: 92315

Ion Ratio Lower Upper

156 100

77 161.2 86.3 258.8

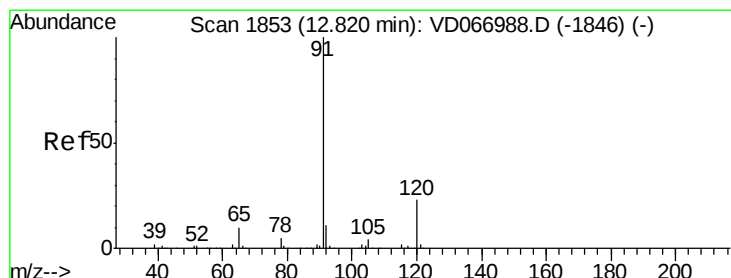
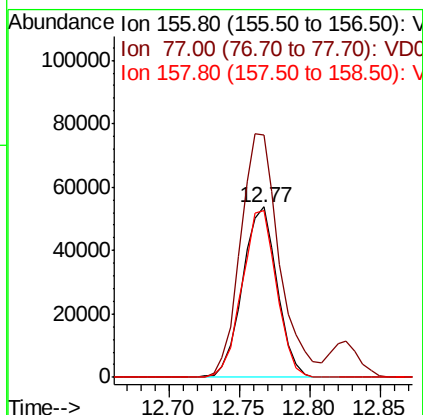
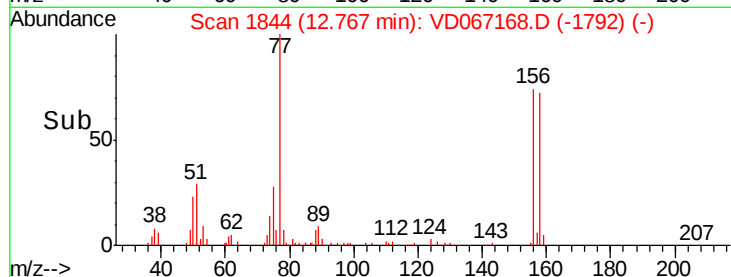
158 97.8 49.5 148.3



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: 20.349 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067168.D

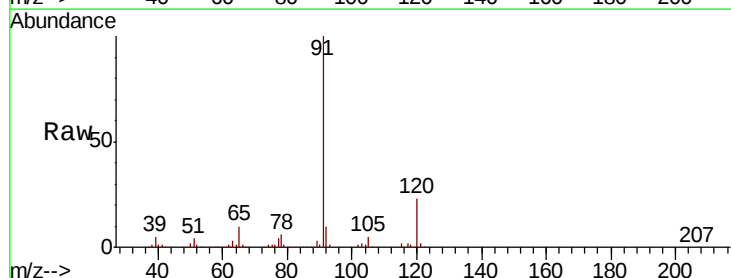
Acq: 07 Oct 2020 23:45

Tgt Ion: 91 Resp: 419264

Ion Ratio Lower Upper

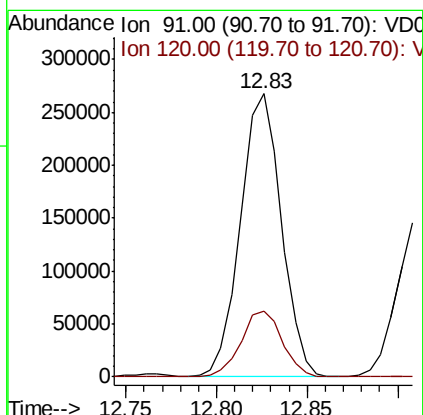
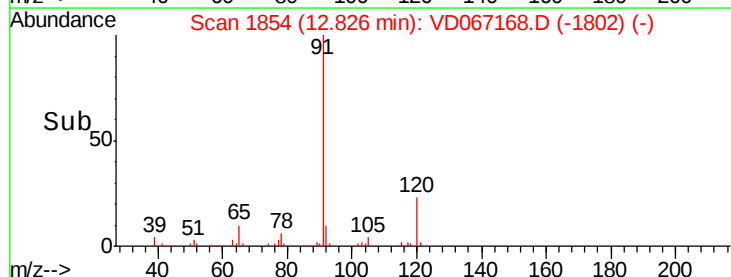
91 100

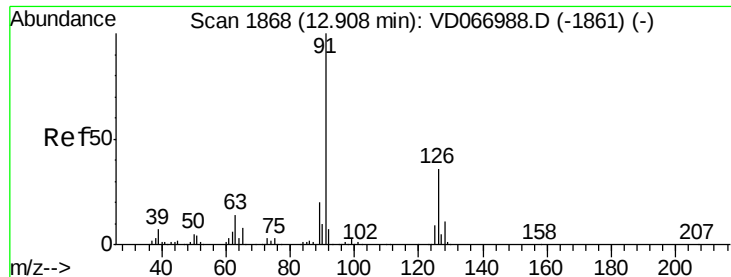
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

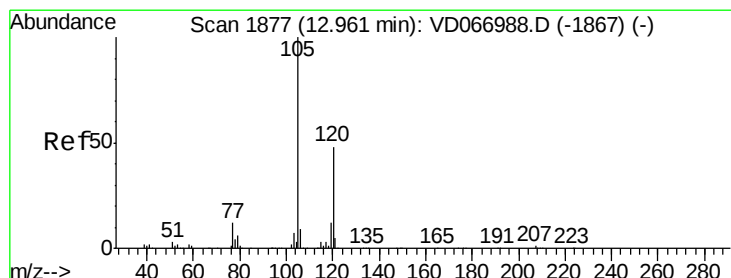
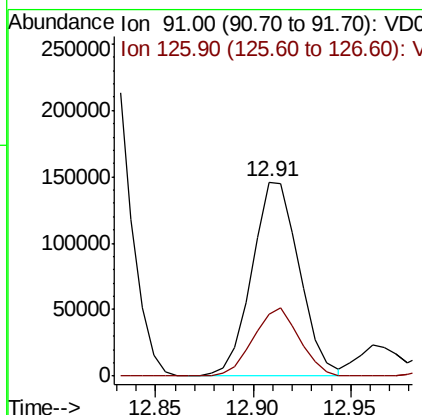
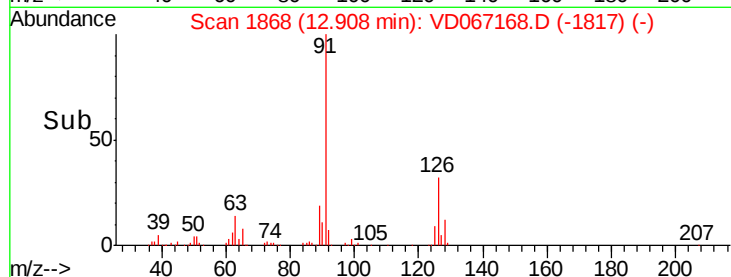
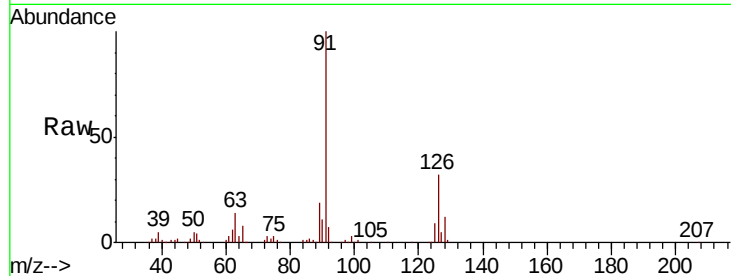




#79
 2-Chlorotoluene
 Concen: 20.789 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

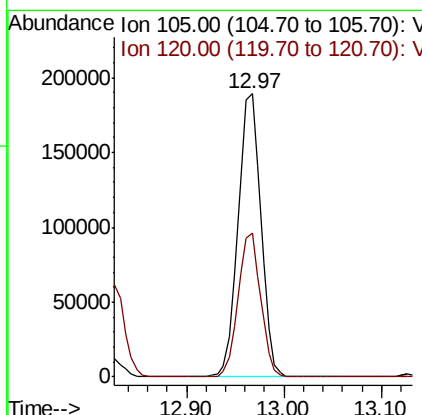
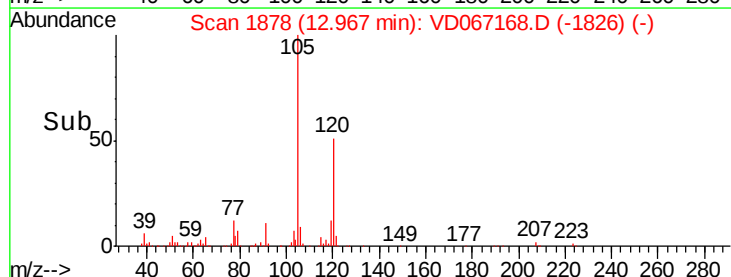
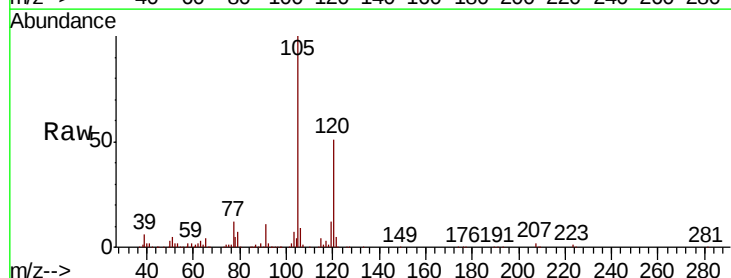
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD02

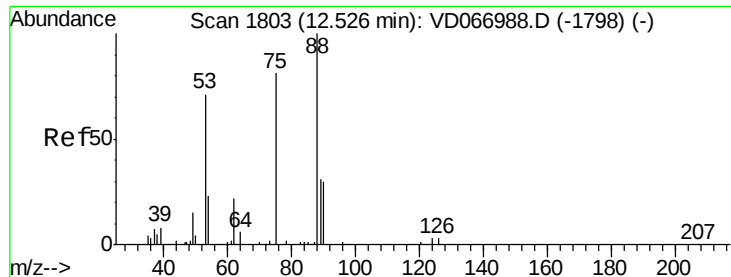
Tot Ion: 91 Resp: 245069
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.988 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Tgt Ion: 105 Resp: 309134
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.278 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

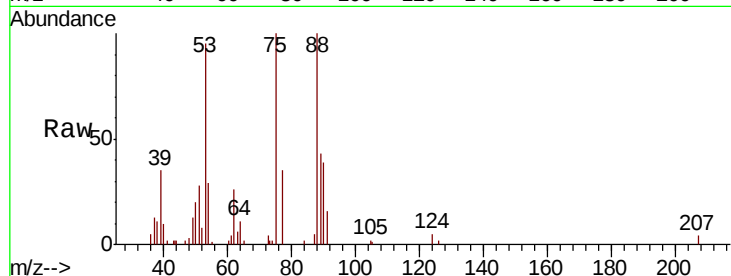
Tot Ion: 75 Resp: 17293

Ion Ratio Lower Upper

75 100

53 96.2 73.8 110.6

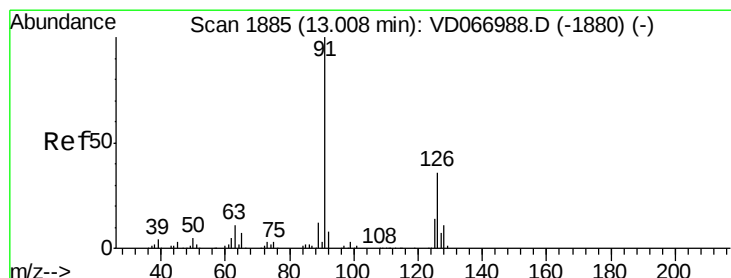
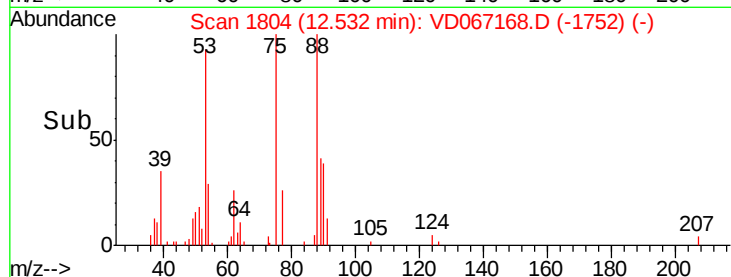
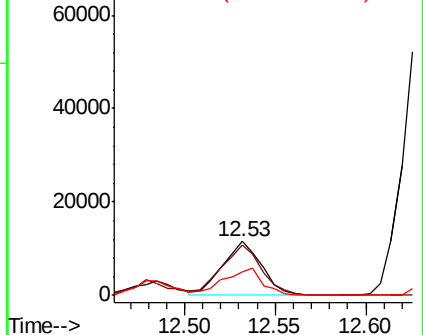
89 49.4 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.163 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067168.D

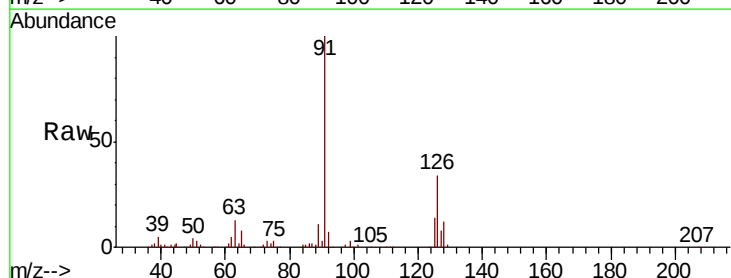
Acq: 07 Oct 2020 23:45

Tgt Ion: 91 Resp: 265423

Ion Ratio Lower Upper

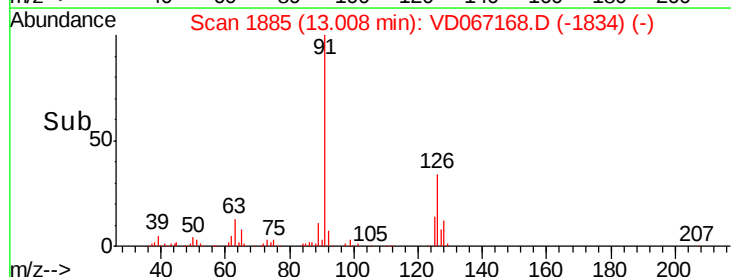
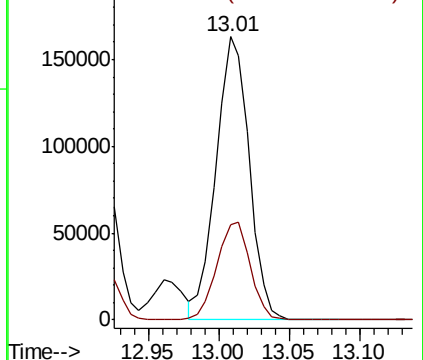
91 100

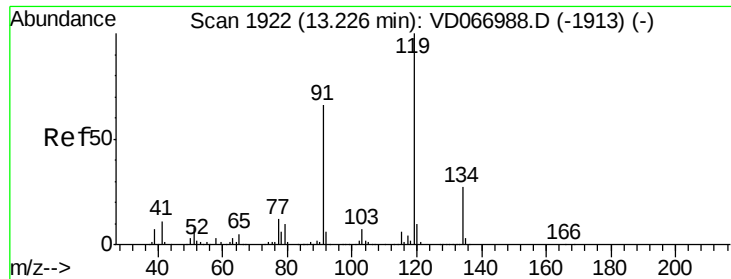
126 34.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

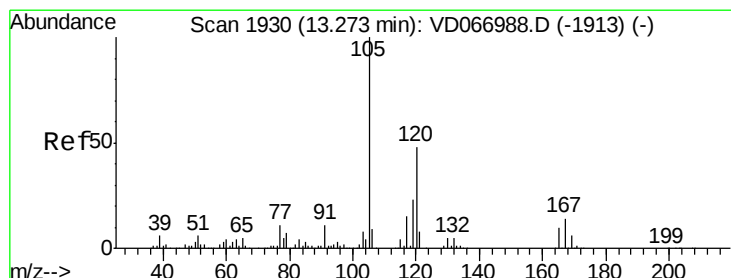
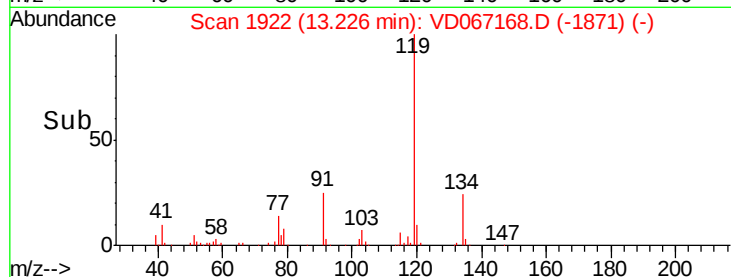
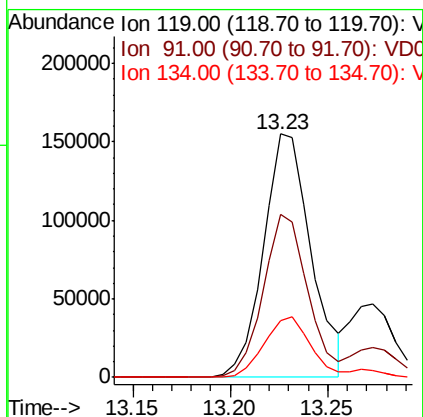
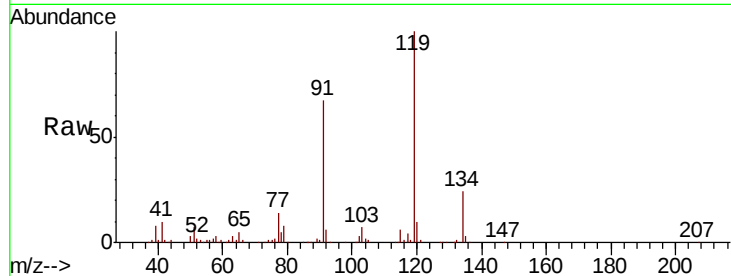




#83
tert-Butylbenzene
Concen: 21.137 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

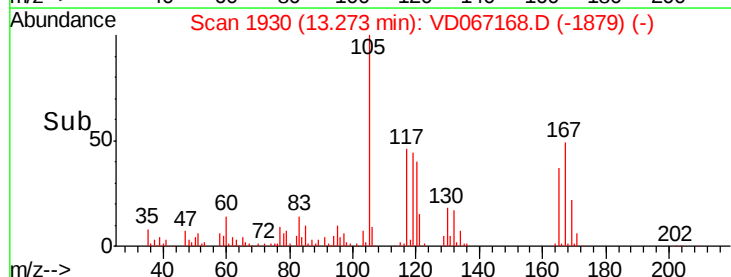
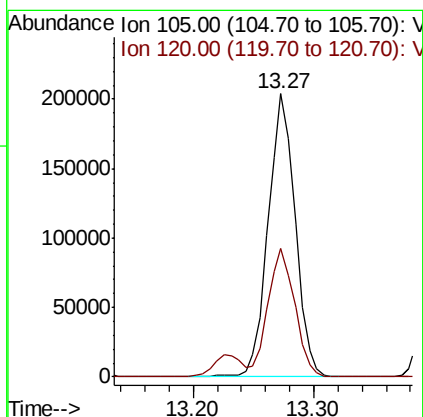
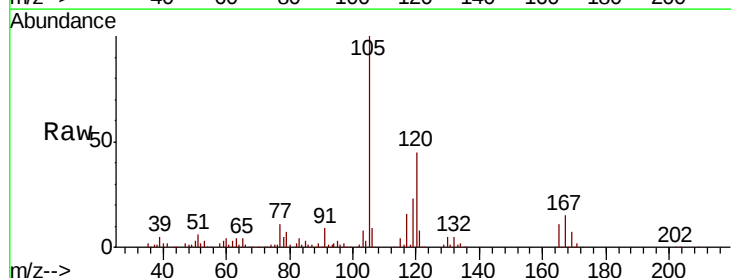
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS02

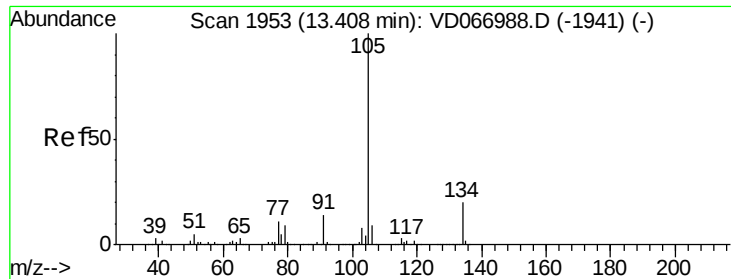
Tot Ion:119 Resp: 262174
Ion Ratio Lower Upper
119 100
91 62.6 32.8 98.3
134 24.5 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 21.436 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion:105 Resp: 315093
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 19.988 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

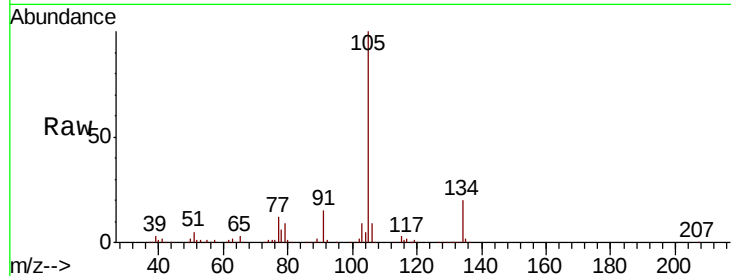
VD1007SBS02

Tot Ion:105 Resp: 349134

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

200000

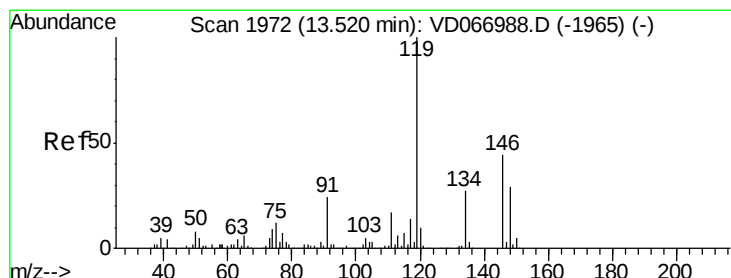
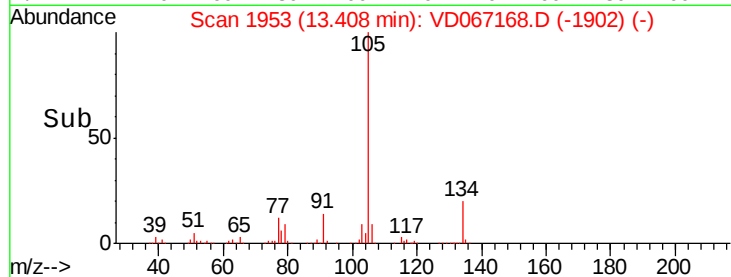
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.474 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

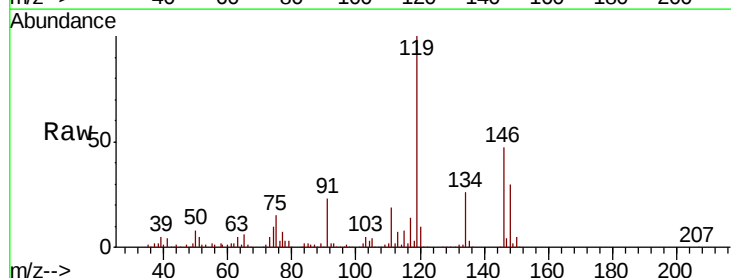
Tgt Ion:119 Resp: 331553

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 23.3 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

13.52

200000

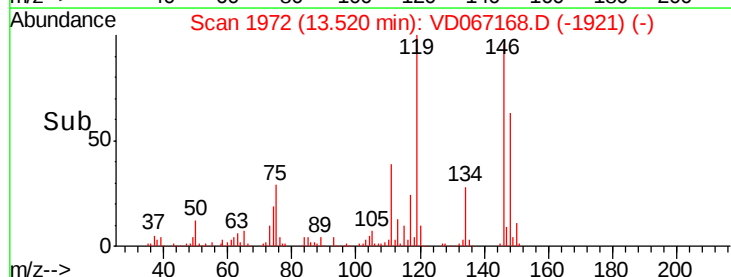
150000

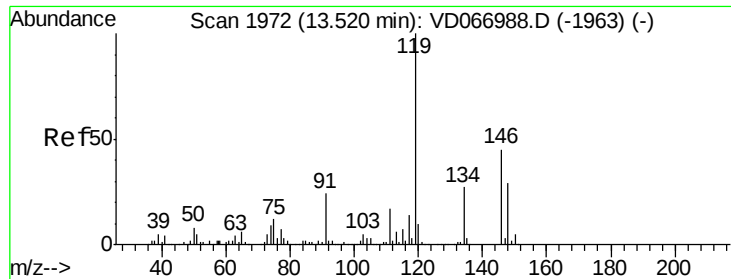
100000

50000

0

Time-->

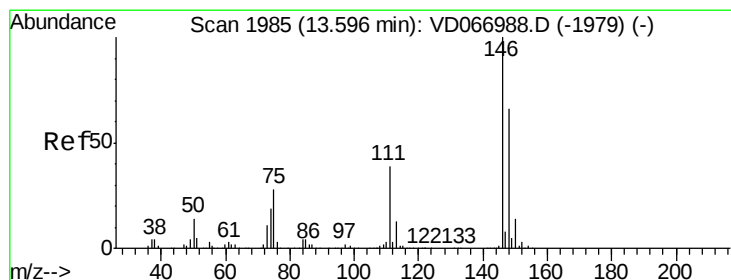
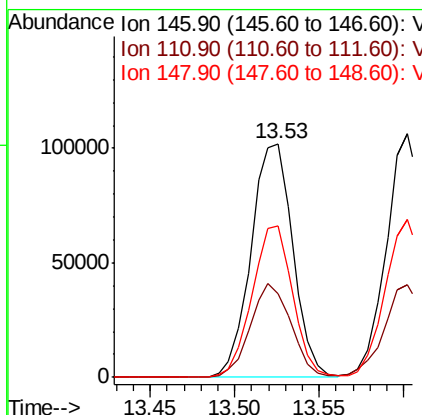
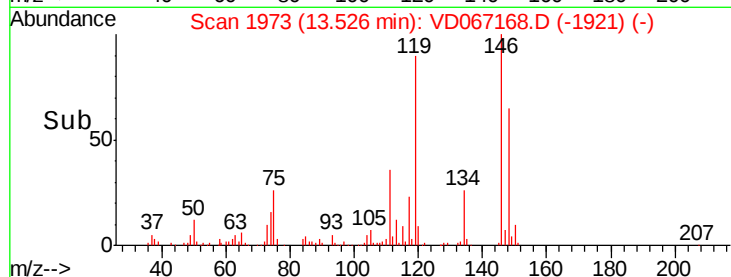
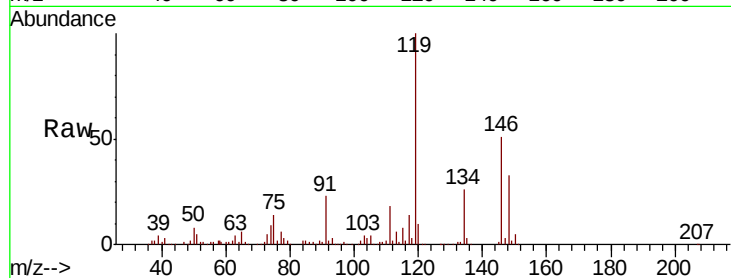




#87
 1,3-Dichlorobenzene
 Concen: 21.413 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

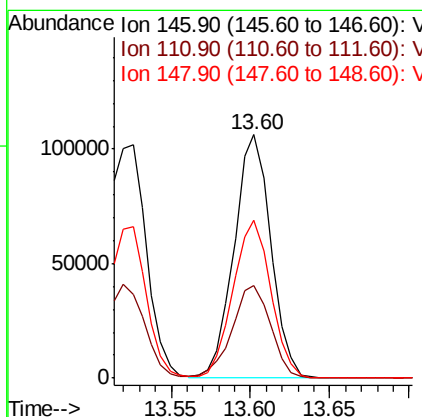
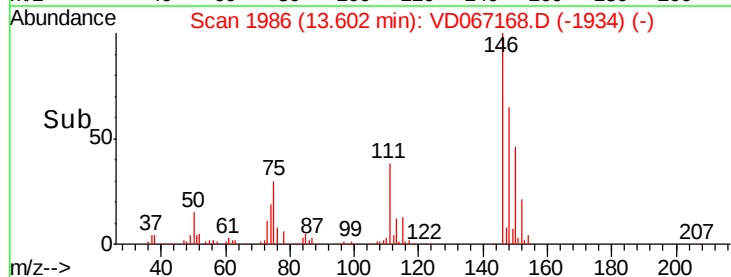
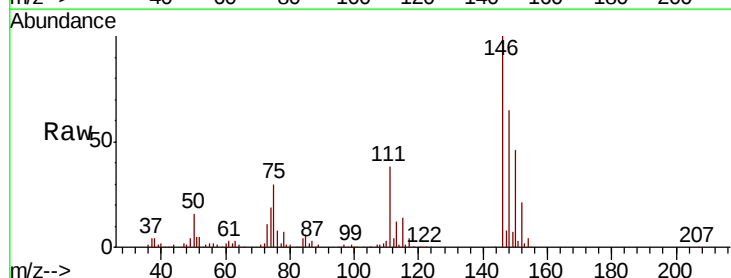
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD02

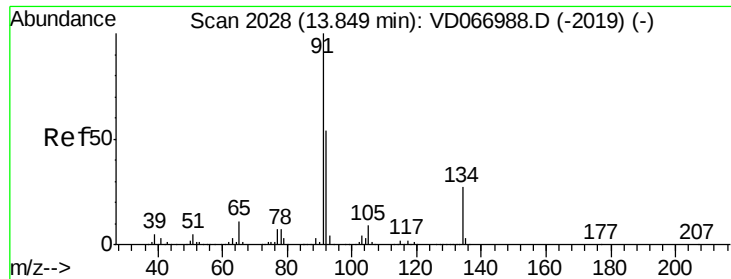
Tot Ion:146 Resp: 175578
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.0 60.0
 148 63.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.917 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Tgt Ion:146 Resp: 171492
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.6 58.7
 148 66.8 32.6 97.7

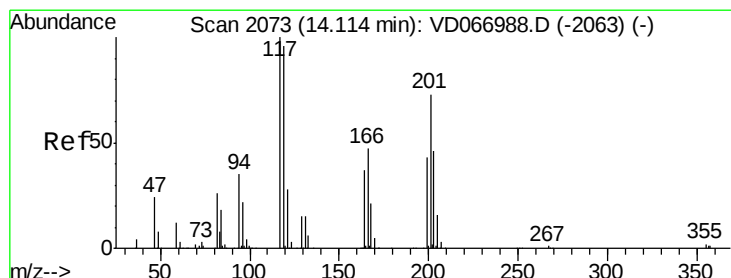
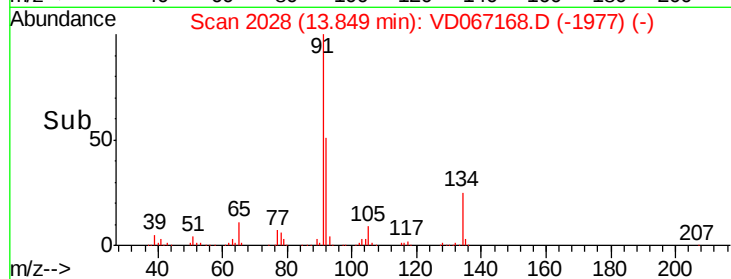
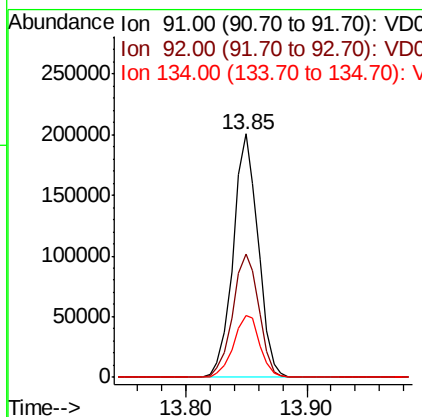
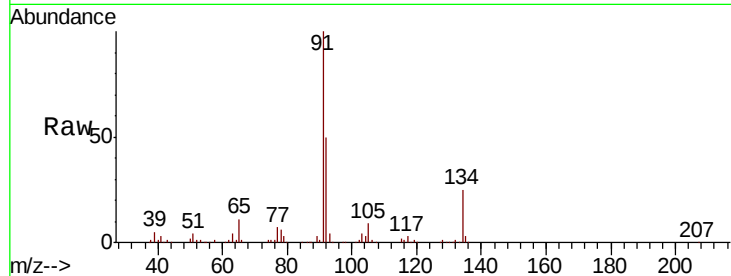




#89
n-Butylbenzene
Concen: 19.532 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

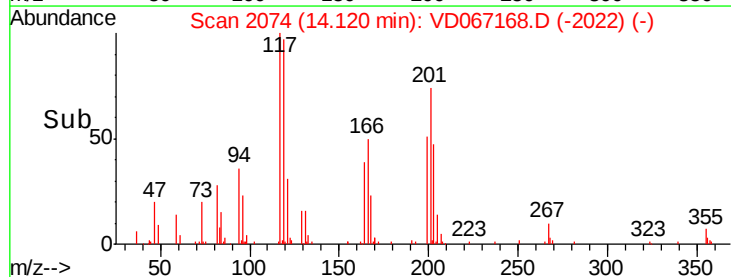
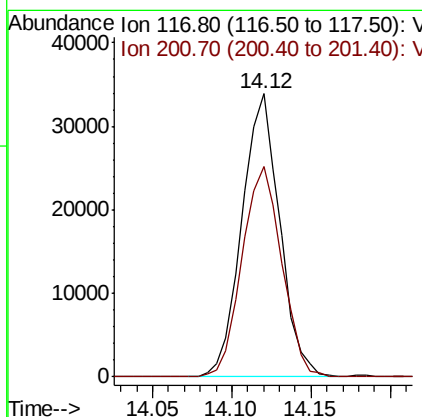
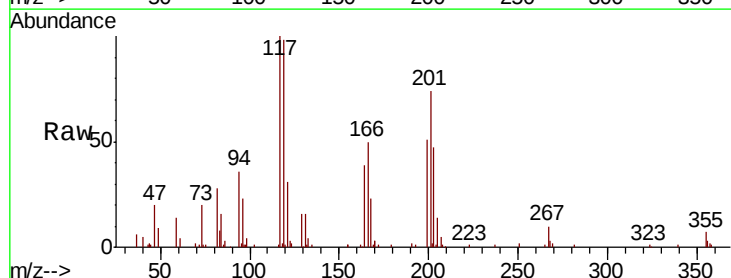
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD02

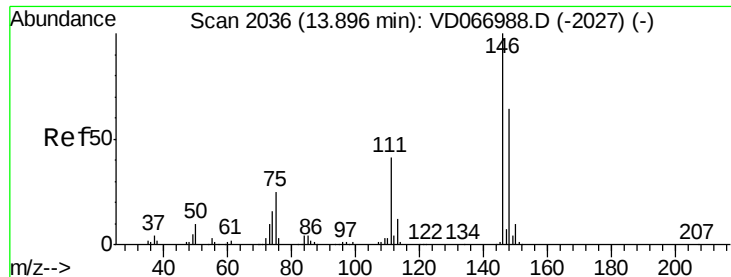
Tot Ion: 91 Resp: 289071
Ion Ratio Lower Upper
91 100
92 53.0 27.1 81.2
134 26.9 13.6 40.8



#90
Hexachloroethane
Concen: 19.808 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067168.D
Acq: 07 Oct 2020 23:45

Tgt Ion: 117 Resp: 56188
Ion Ratio Lower Upper
117 100
201 77.6 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 21.522 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS02

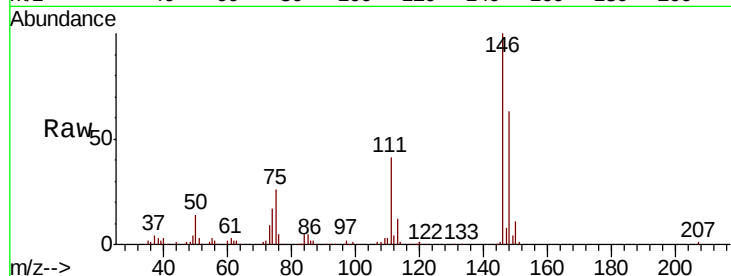
Tot Ion:146 Resp: 154116

Ion Ratio Lower Upper

146 100

111 40.3 20.9 62.7

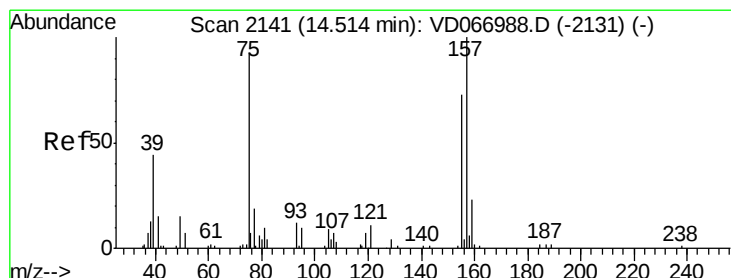
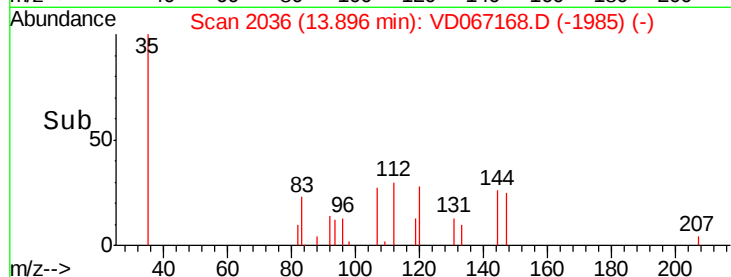
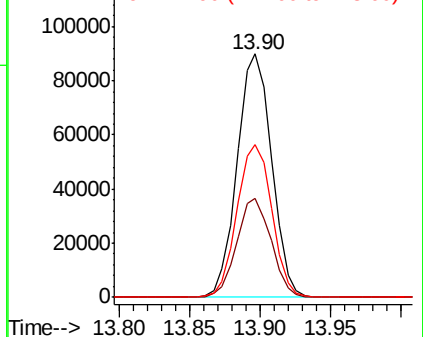
148 63.2 32.3 96.9



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: 19.033 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

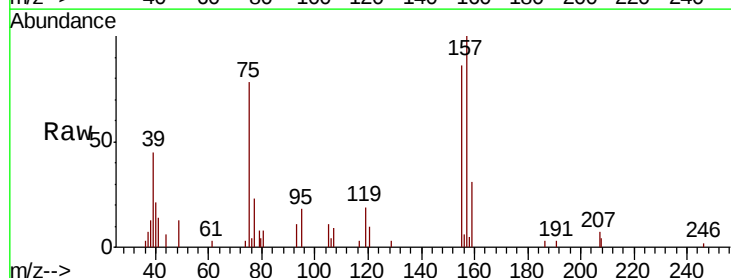
Tgt Ion: 75 Resp: 9012

Ion Ratio Lower Upper

75 100

155 96.0 45.2 135.6

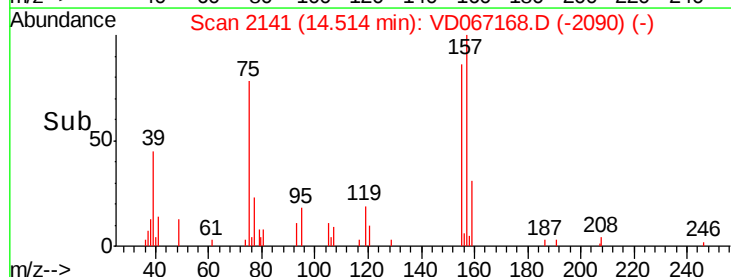
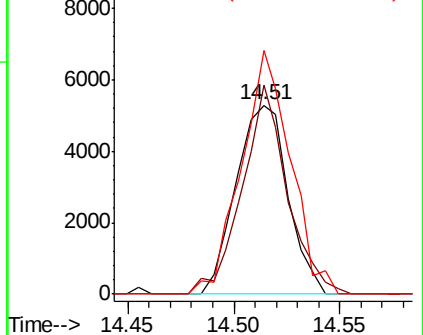
157 122.0 56.3 168.8

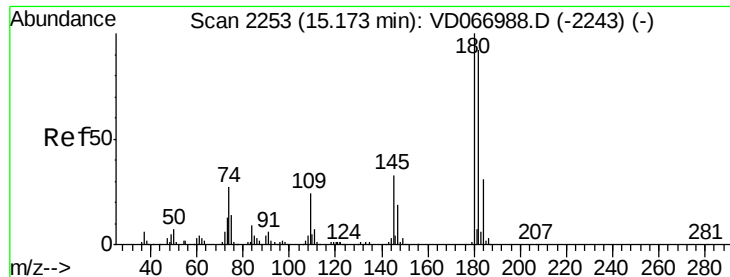


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

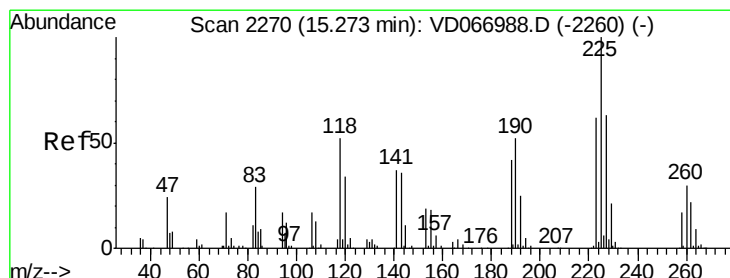
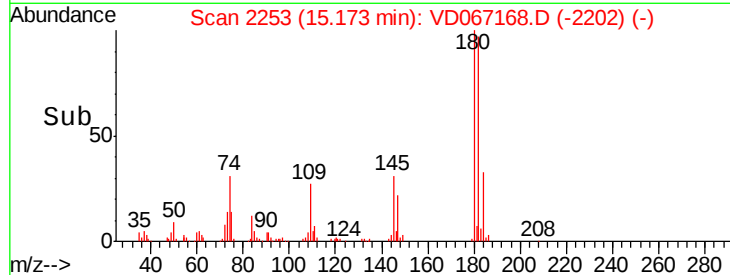
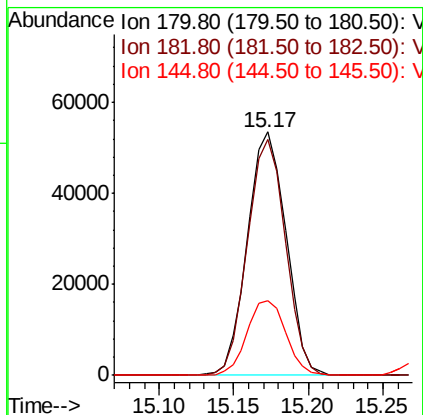
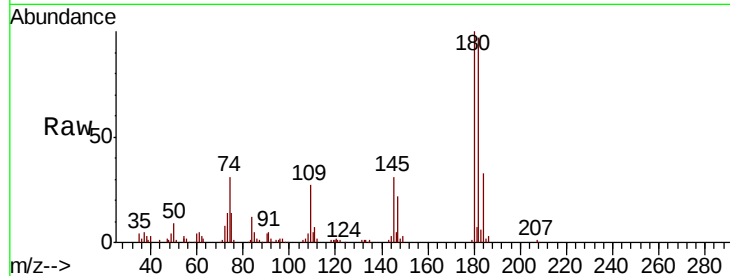




#93
 1,2,4-Trichlorobenzene
 Concen: 20.664 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

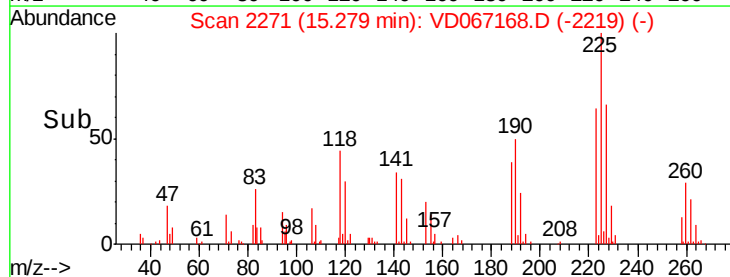
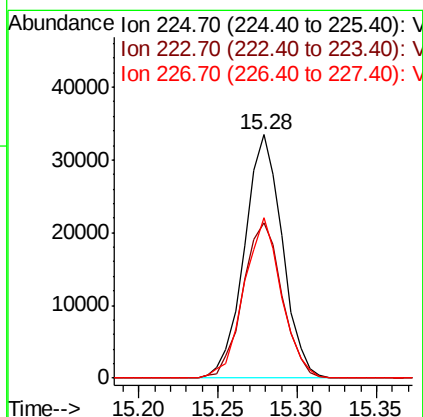
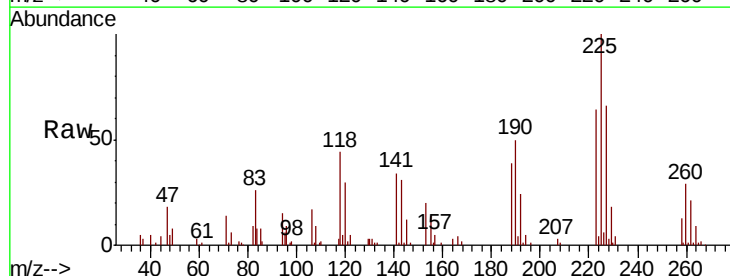
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD02

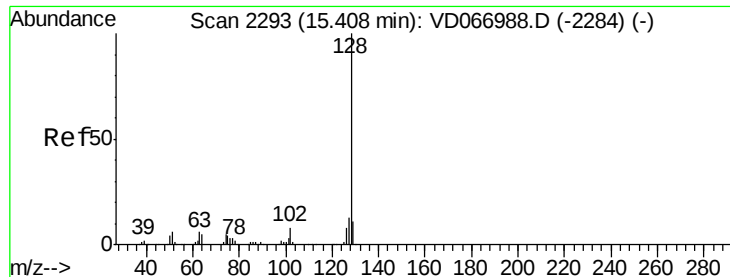
Tot Ion:180 Resp: 95715
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 30.9 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 19.553 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067168.D
 Acq: 07 Oct 2020 23:45

Tgt Ion:225 Resp: 55621
 Ion Ratio Lower Upper
 225 100
 223 66.1 32.4 97.0
 227 65.2 31.6 95.0





#95

Naphthalene

Concen: 20.716 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD02

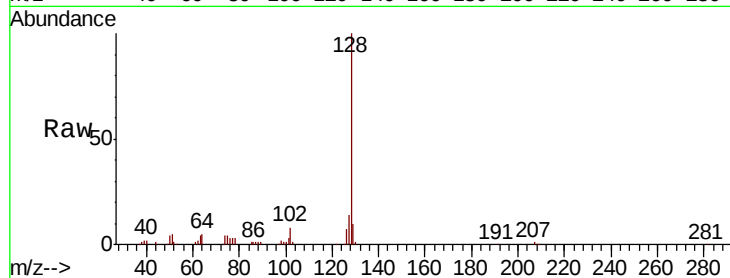
Tot Ion:128 Resp: 160045

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

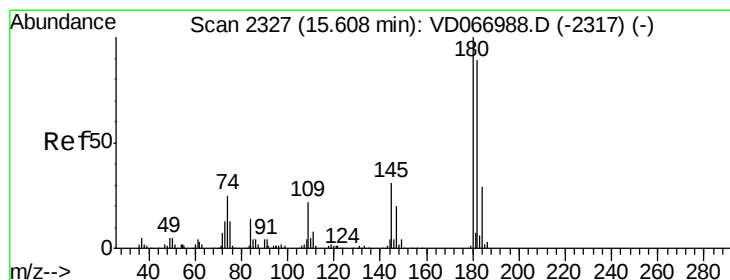
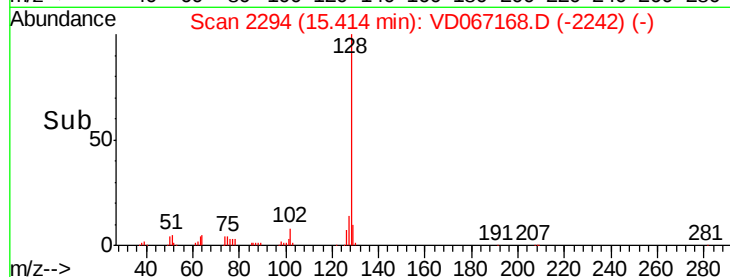
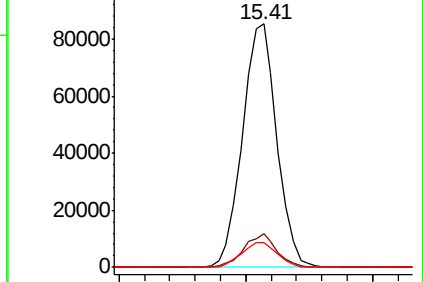
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.585 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD067168.D

Acq: 07 Oct 2020 23:45

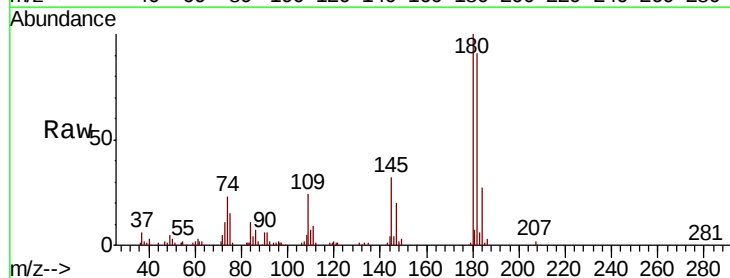
Tgt Ion:180 Resp: 86791

Ion Ratio Lower Upper

180 100

182 95.1 46.4 139.1

145 33.0 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

