

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067207.D
 Acq On : 09 Oct 2020 13:11
 Operator : VA/SY
 Sample : VD1009SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Quant Time: Oct 09 23:45:11 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	337248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	511292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	470212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	237850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	164737	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.91	113	173426	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.34	98	623659	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.64	95	227178	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72236	24.032	ug/l	94
3) Chloromethane	2.20	50	48398	18.020	ug/l	93
4) Vinyl Chloride	2.34	62	51831	19.246	ug/l	98
5) Bromomethane	2.76	94	37653	19.007	ug/l	100
6) Chloroethane	2.92	64	31302	19.086	ug/l #	87
7) Trichlorofluoromethane	3.27	101	126840	21.199	ug/l	97
8) Diethyl Ether	3.71	74	28395	19.138	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	66558	19.681	ug/l	98
10) Methyl Iodide	4.30	142	59216	18.021	ug/l	97
11) Tert butyl alcohol	5.22	59	28292	124.153	ug/l #	89
12) 1,1-Dichloroethene	4.06	96	60321	18.974	ug/l	98
13) Acrolein	3.93	56	17026	78.277	ug/l	96
14) Allyl chloride	4.71	41	68774	16.652	ug/l	92
15) Acrylonitrile	5.42	53	51966	95.163	ug/l	95
16) Acetone	4.16	43	50002	100.838	ug/l	92
17) Carbon Disulfide	4.40	76	176475	18.088	ug/l	99
18) Methyl Acetate	4.72	43	23530	18.880	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	124390	21.433	ug/l	97
20) Methylene Chloride	4.96	84	78998	17.759	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	70741	19.553	ug/l	94
22) Diisopropyl ether	6.37	45	139744	18.534	ug/l #	95
23) Vinyl Acetate	6.30	43	384422	89.974	ug/l	98
24) 1,1-Dichloroethane	6.26	63	108790	18.696	ug/l	97
25) 2-Butanone	7.21	43	61972	88.151	ug/l	90
26) 2,2-Dichloropropane	7.21	77	109434	19.475	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	76944	19.913	ug/l	98
28) Bromochloromethane	7.54	49	40290	17.929	ug/l	88
29) Tetrahydrofuran	7.56	42	36566	90.458	ug/l	93
30) Chloroform	7.71	83	131105	20.770	ug/l	99
31) Cyclohexane	7.99	56	81760	16.760	ug/l	89
32) 1,1,1-Trichloroethane	7.91	97	123766	21.157	ug/l	97
36) 1,1-Dichloropropene	8.11	75	96104	20.165	ug/l	98
37) Ethyl Acetate	7.30	43	31153	18.869	ug/l	96
38) Carbon Tetrachloride	8.10	117	119051	23.087	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	99066	19.661	ug/l	96
40) Benzene	8.35	78	264049	19.947	ug/l	95
41) Methacrylonitrile	7.53	41	16724	18.750	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	82691	22.355	ug/l	96
43) Isopropyl Acetate	8.45	43	58955	19.383	ug/l	98
44) Trichloroethene	9.11	130	83346	21.085	ug/l	100
45) 1,2-Dichloropropane	9.38	63	61985	19.929	ug/l	100
46) Dibromomethane	9.47	93	36125	20.208	ug/l	92
47) Bromodichloromethane	9.66	83	100153	21.553	ug/l #	95
48) Methyl methacrylate	9.46	41	27755	17.812	ug/l #	74
49) 1,4-Dioxane	9.46	88	8178	438.332	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	148097	97.756	ug/l	98
52) Toluene	10.40	92	184232	21.605	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	90062	21.686	ug/l #	87
54) cis-1,3-Dichloropropene	10.09	75	105826	20.868	ug/l	91
55) 1,1,2-Trichloroethane	10.80	97	52500	21.124	ug/l	92
56) Ethyl methacrylate	10.66	69	54072	21.073	ug/l	96
57) 1,3-Dichloropropane	10.95	76	82831	20.552	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	138410	96.914	ug/l	95
59) 2-Hexanone	10.98	43	98755	97.666	ug/l	94
60) Dibromochloromethane	11.14	129	75247	22.716	ug/l	96
61) 1,2-Dibromoethane	11.25	107	52761	22.097	ug/l	99
64) Tetrachloroethene	10.88	164	74438	21.775	ug/l	94
65) Chlorobenzene	11.67	112	200798	21.471	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	80249	22.559	ug/l	97
67) Ethyl Benzene	11.75	91	345841	21.583	ug/l	97
68) m/p-Xylenes	11.86	106	272056	43.566	ug/l	99
69) o-Xylene	12.18	106	122688	21.970	ug/l	95
70) Styrene	12.20	104	212743	22.186	ug/l	99
71) Bromoform	12.36	173	41795	22.634	ug/l #	99
73) Isopropylbenzene	12.48	105	346433	21.450	ug/l	99
74) N-amyl acetate	12.29	43	52765	18.174	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	54628	20.076	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	71314	34.422	ug/l #	100
77) Bromobenzene	12.77	156	85089	21.819	ug/l	93
78) n-propylbenzene	12.83	91	397663	20.834	ug/l	99
79) 2-Chlorotoluene	12.91	91	229421	21.008	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	295352	21.645	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	16961	20.411	ug/l	98
82) 4-Chlorotoluene	13.01	91	245875	21.162	ug/l	99
83) tert-Butylbenzene	13.23	119	248452	21.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	293500	21.553	ug/l	97
85) sec-Butylbenzene	13.41	105	335599	20.740	ug/l	99
86) p-Isopropyltoluene	13.52	119	322939	21.526	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	160305	21.104	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	162050	21.336	ug/l	97
89) n-Butylbenzene	13.85	91	283301	20.663	ug/l	99
90) Hexachloroethane	14.12	117	54876	20.882	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	138089	20.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9394	21.416	ug/l	97

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

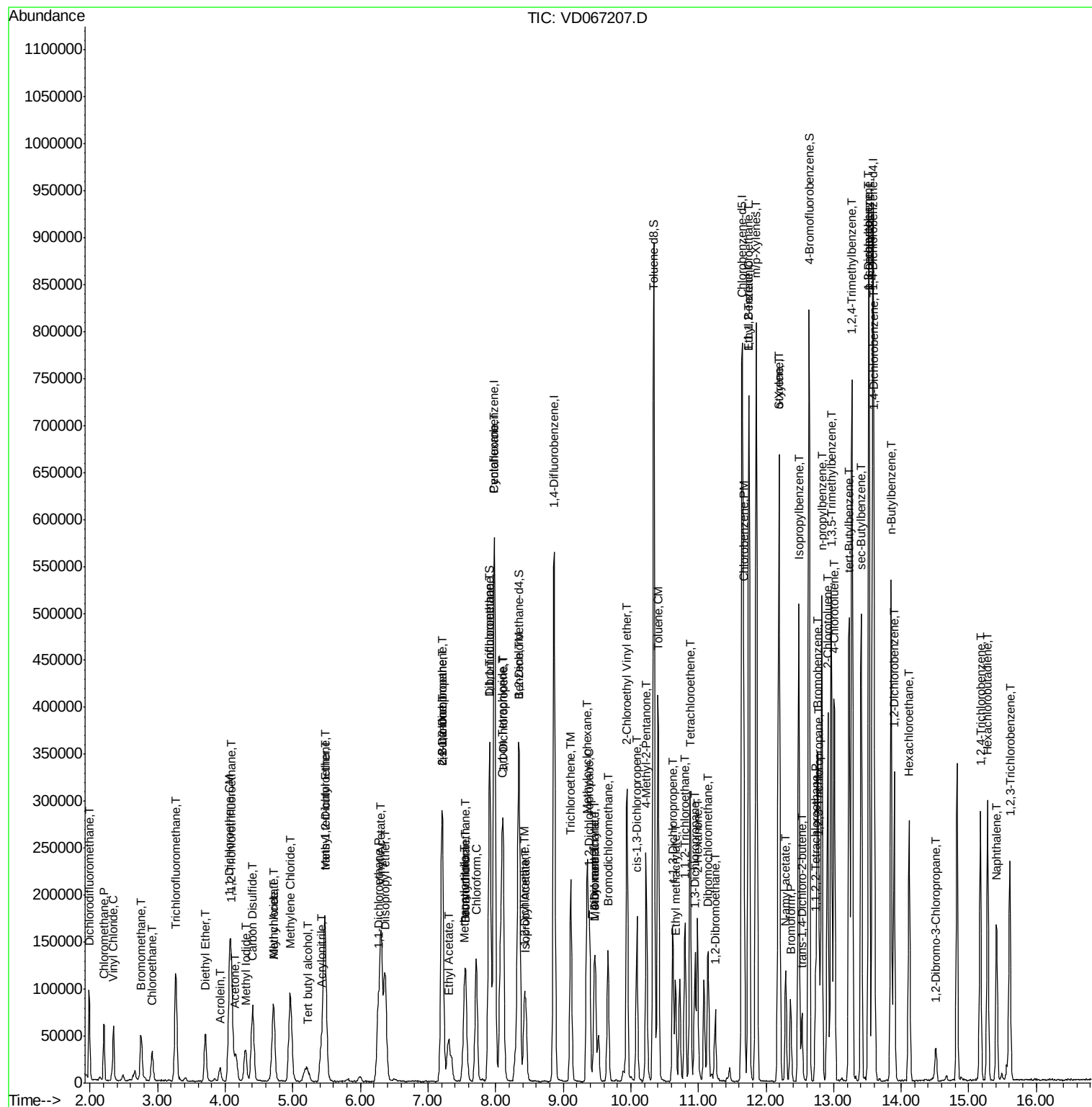
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	94017	21.910	ug/l	98
94) Hexachlorobutadiene	15.28	225	57146	21.685	ug/l	98
95) Naphthalene	15.41	128	149591	20.901	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	83060	22.298	ug/l	99

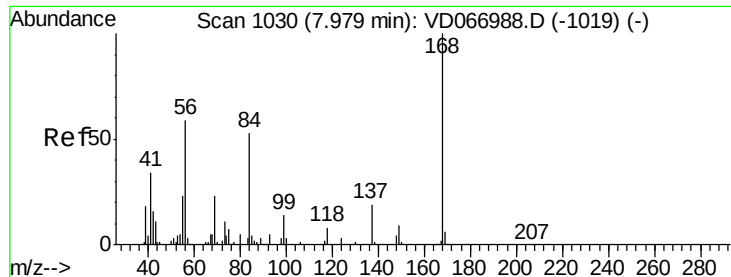
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

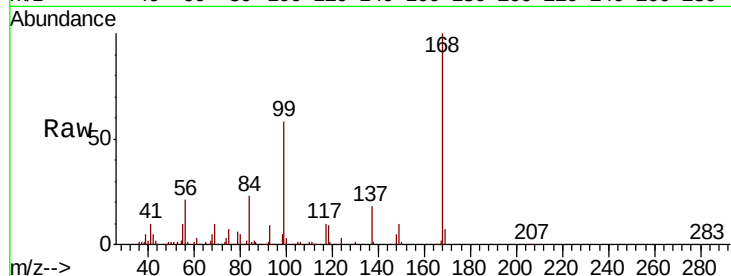
VD1009SBSD01

Tot Ion:168 Resp: 337248

Ion Ratio Lower Upper

168 100

99 58.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

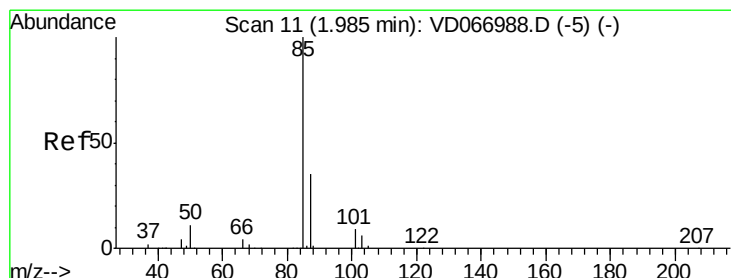
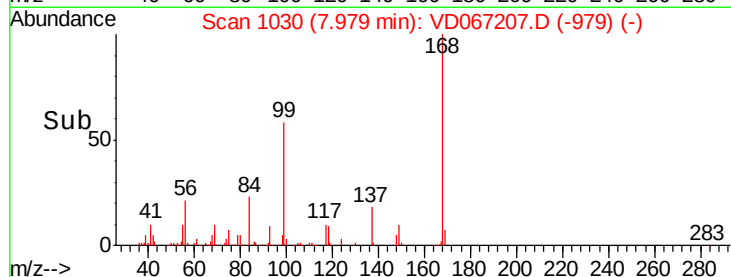
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.032 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067207.D

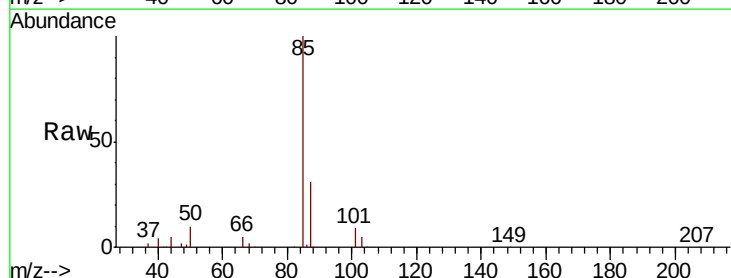
Acq: 09 Oct 2020 13:11

Tgt Ion: 85 Resp: 72236

Ion Ratio Lower Upper

85 100

87 31.5 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

50000

40000

30000

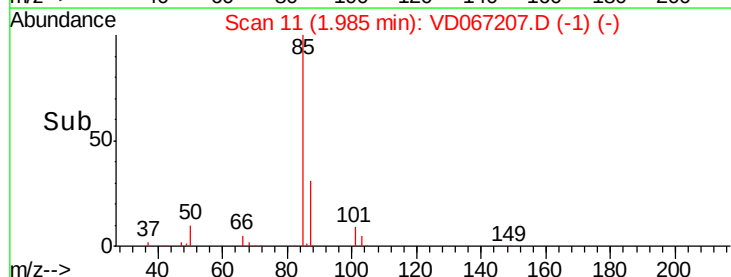
20000

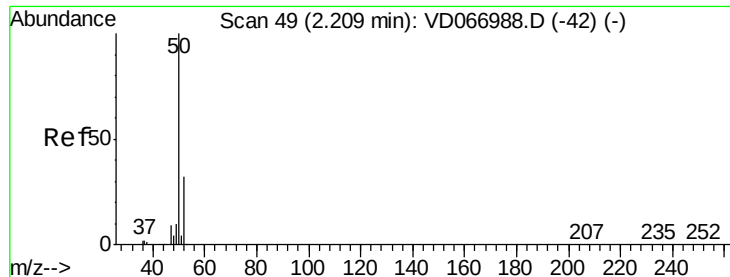
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.020 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

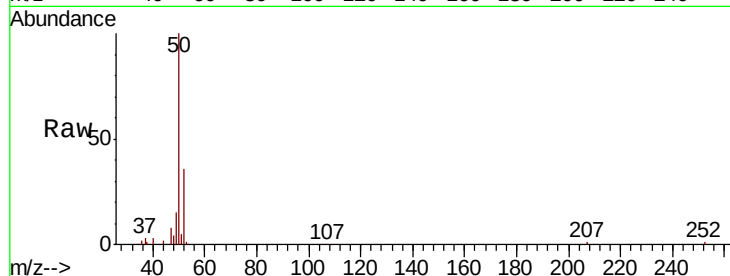
VD1009SBSD01

Tot Ion: 50 Resp: 48398

Ion Ratio Lower Upper

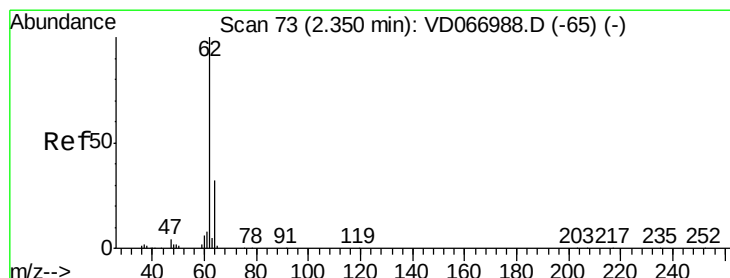
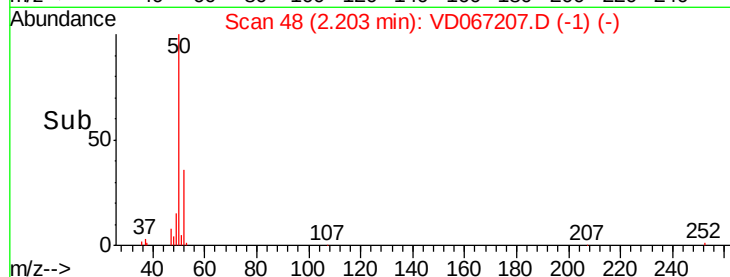
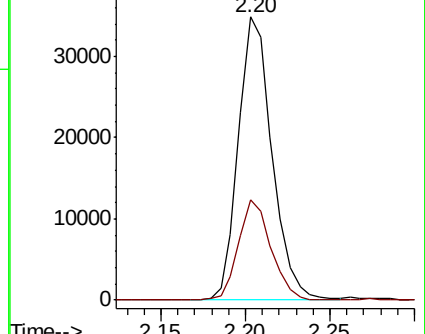
50 100

52 35.5 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.246 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD067207.D

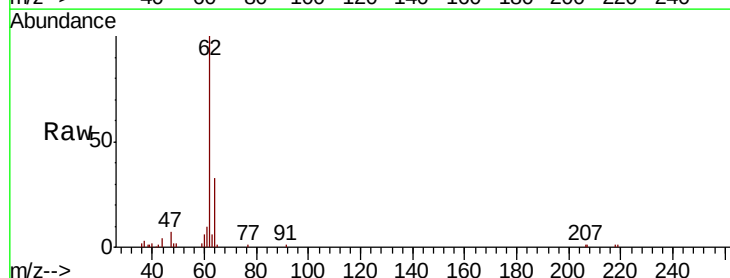
Acq: 09 Oct 2020 13:11

Tgt Ion: 62 Resp: 51831

Ion Ratio Lower Upper

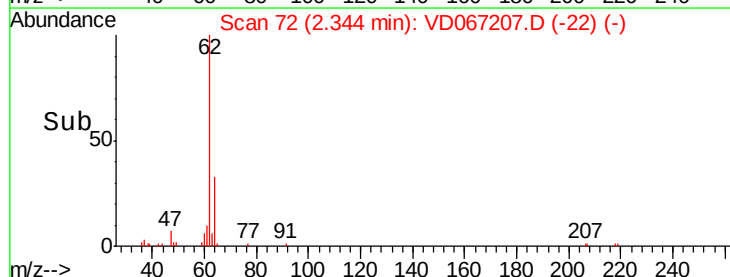
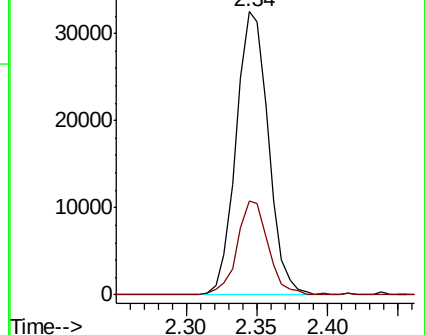
62 100

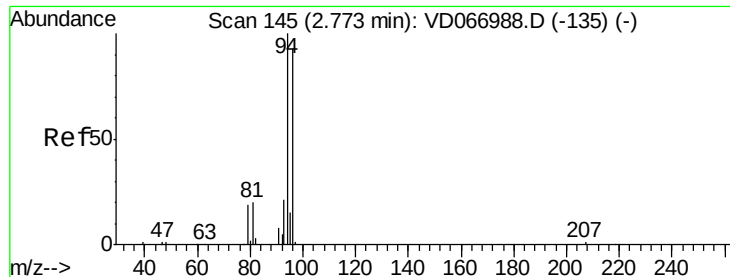
64 33.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.007 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

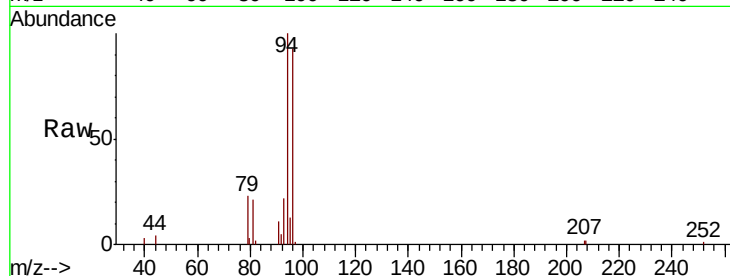
VD1009SBSD01

Tot Ion: 94 Resp: 37653

Ion Ratio Lower Upper

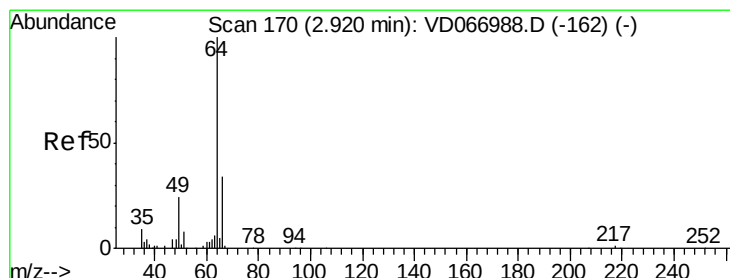
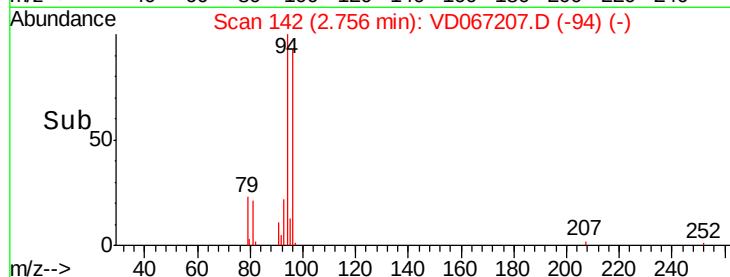
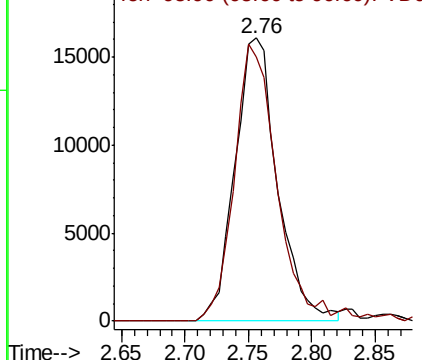
94 100

96 93.5 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: 19.086 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067207.D

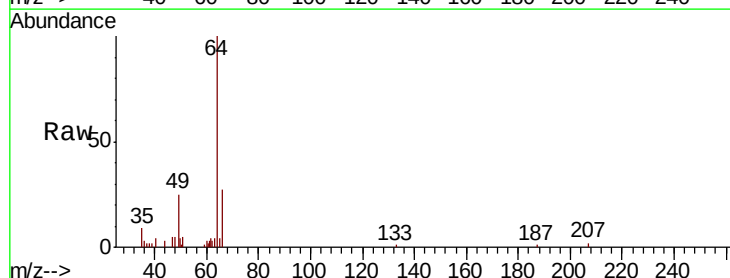
Acq: 09 Oct 2020 13:11

Tgt Ion: 64 Resp: 31302

Ion Ratio Lower Upper

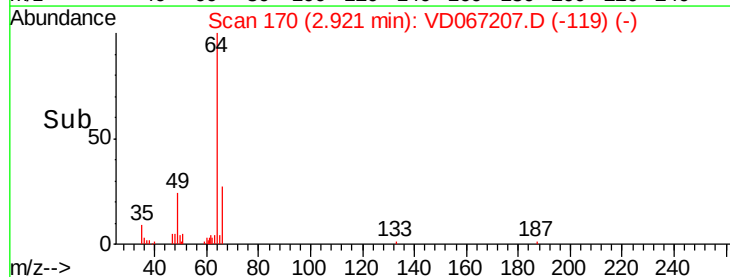
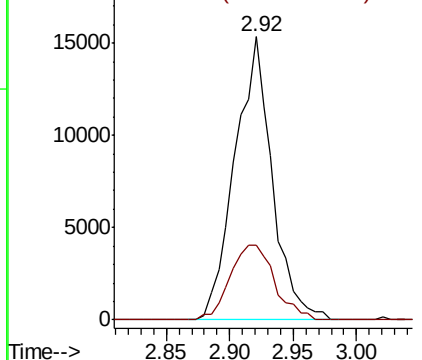
64 100

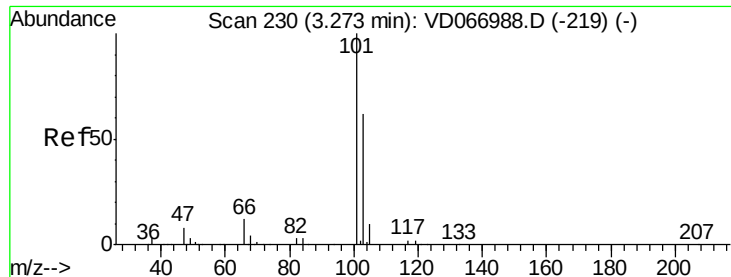
66 26.6 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



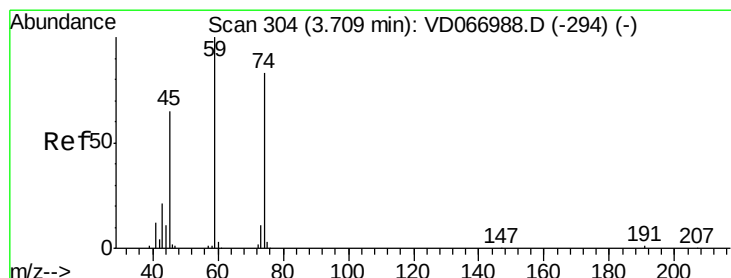
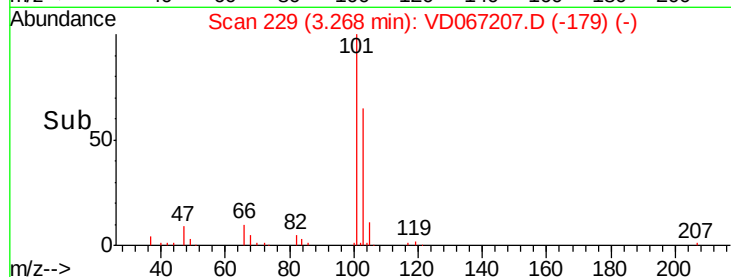
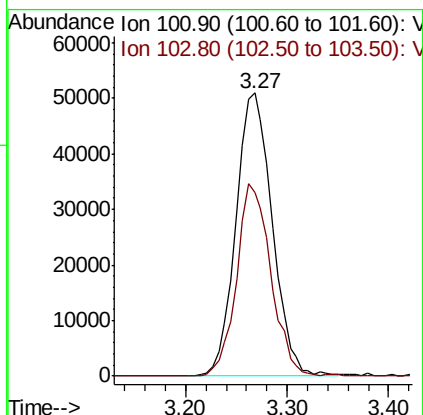
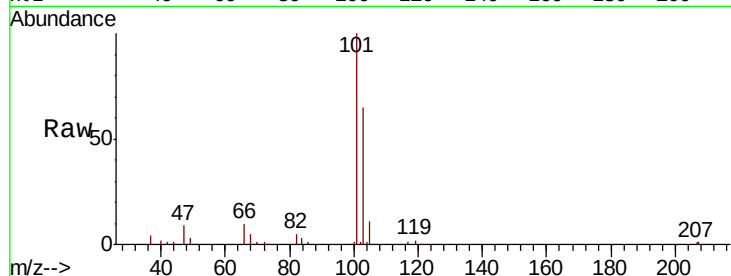


#7

Trichlorofluoromethane
 Concen: 21.199 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

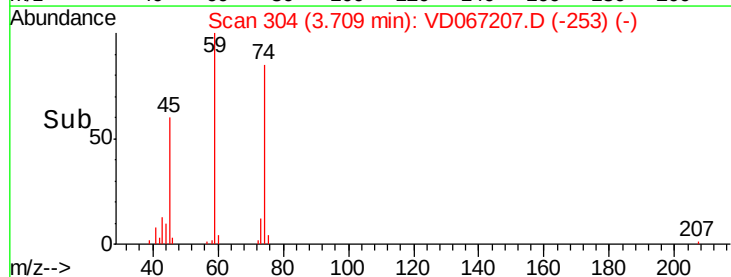
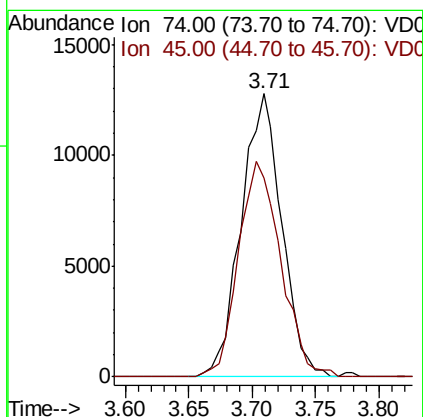
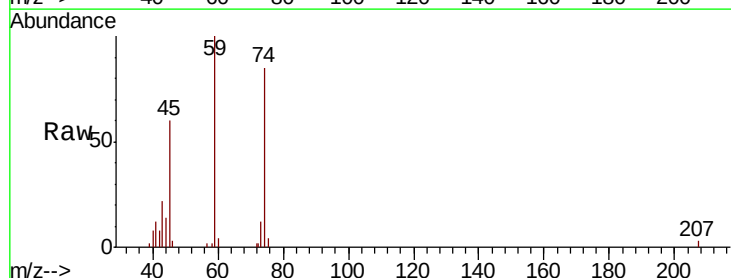
Tot Ion:101 Resp: 126840
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.8 74.8

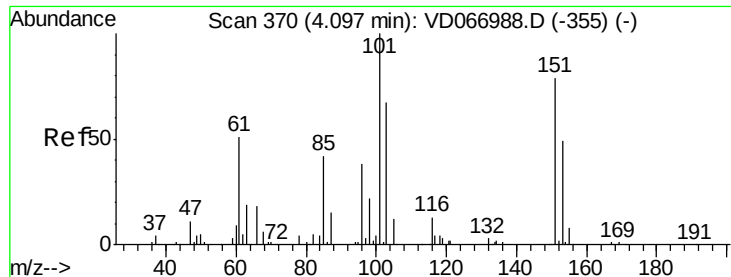


#8

Diethyl Ether
 Concen: 19.138 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 74 Resp: 28395
 Ion Ratio Lower Upper
 74 100
 45 79.5 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.681 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBSD01

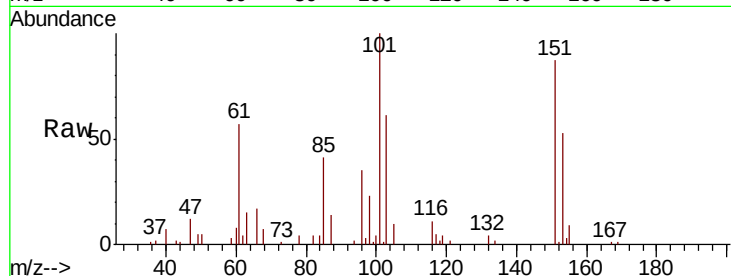
Tot Ion:101 Resp: 66558

Ion Ratio Lower Upper

101 100

85 42.5 33.8 50.8

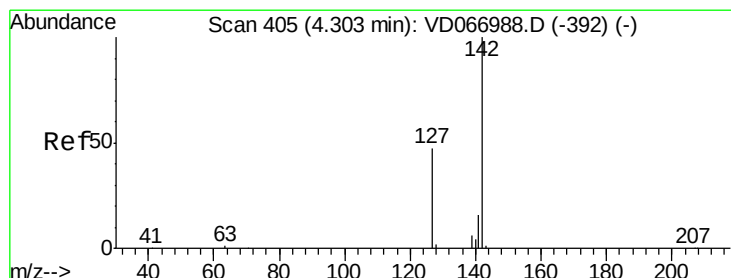
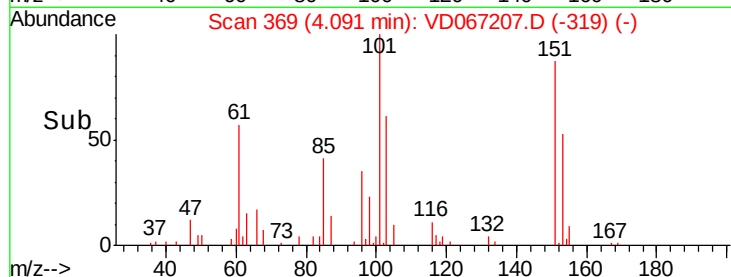
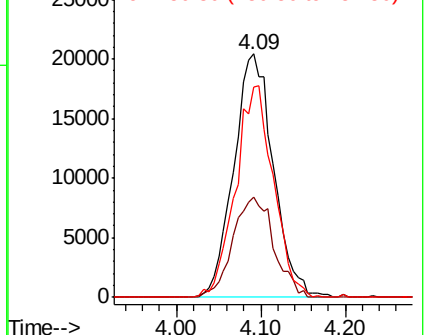
151 83.0 63.8 95.8



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: 18.021 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

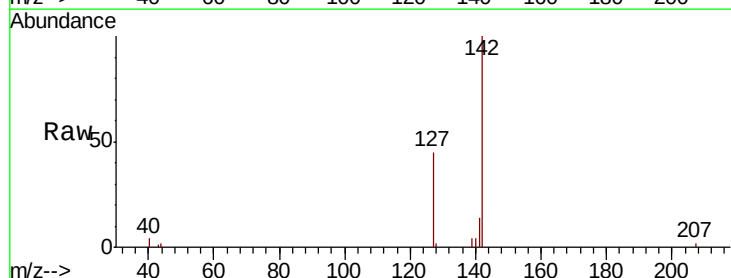
Tgt Ion:142 Resp: 59216

Ion Ratio Lower Upper

142 100

127 47.7 36.3 54.5

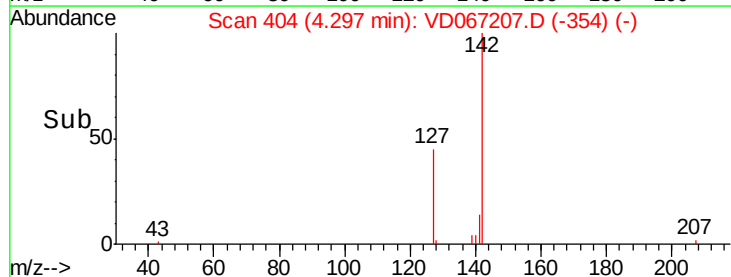
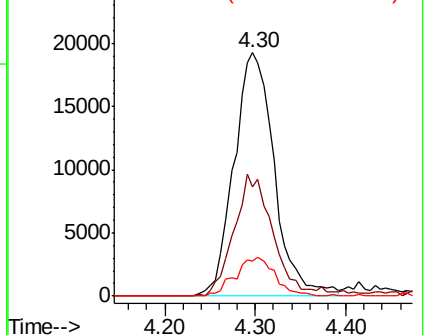
141 15.5 12.0 18.0

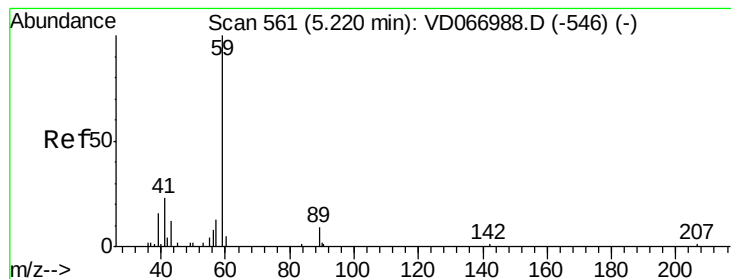


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 124.153 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

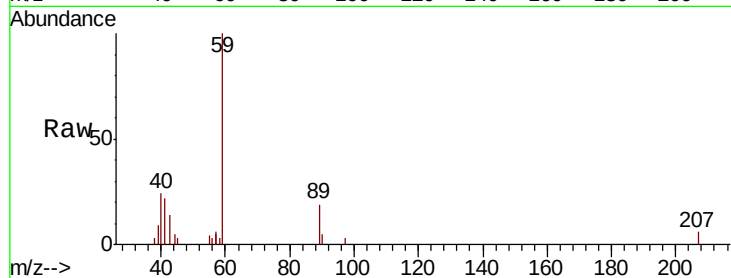
VD1009SBSD01

Tot Ion: 59 Resp: 28292

Ion Ratio Lower Upper

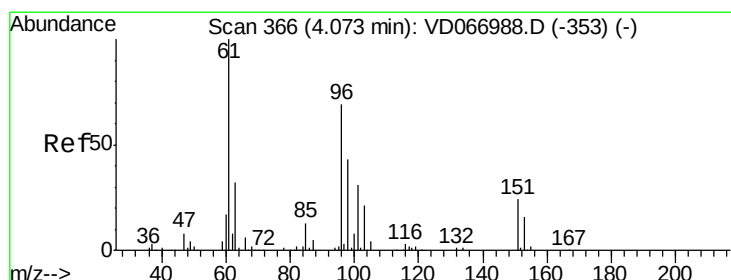
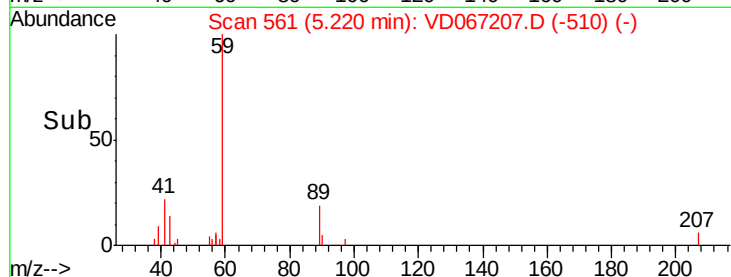
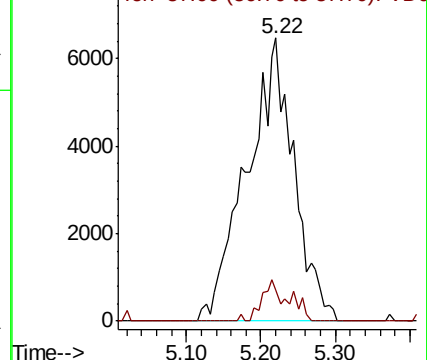
59 100

57 6.1 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: 18.974 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

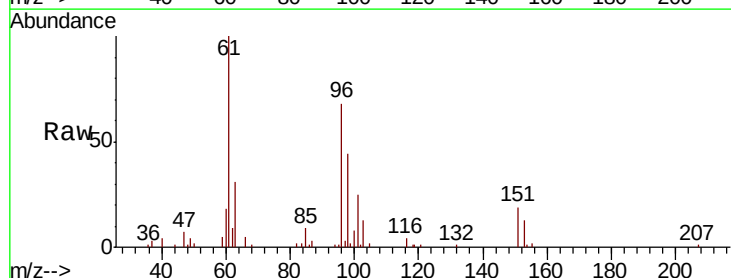
Tgt Ion: 96 Resp: 60321

Ion Ratio Lower Upper

96 100

61 148.0 116.4 174.6

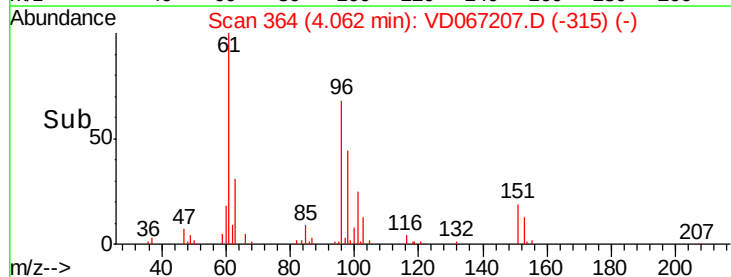
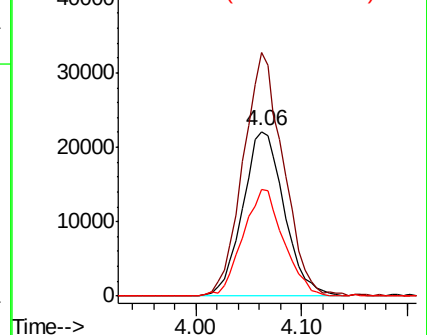
98 65.0 49.9 74.9

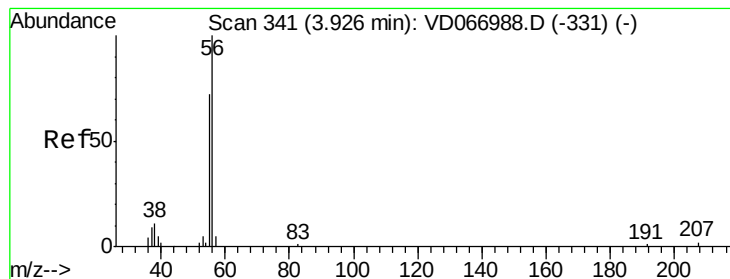


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 78.277 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

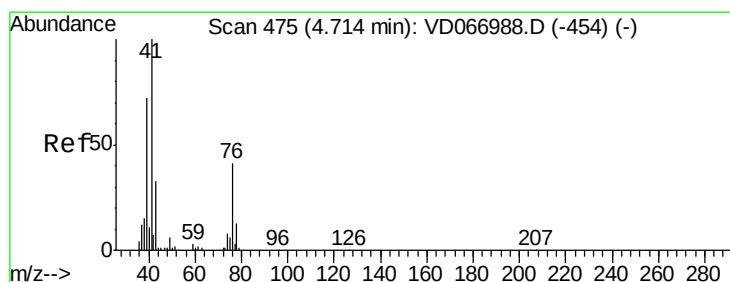
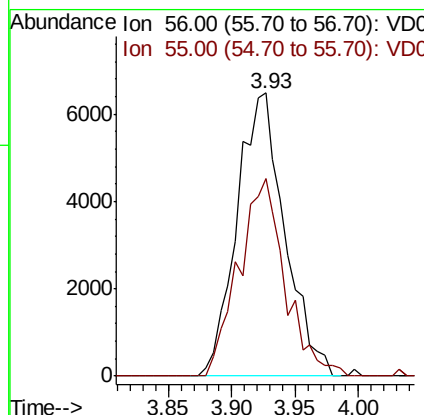
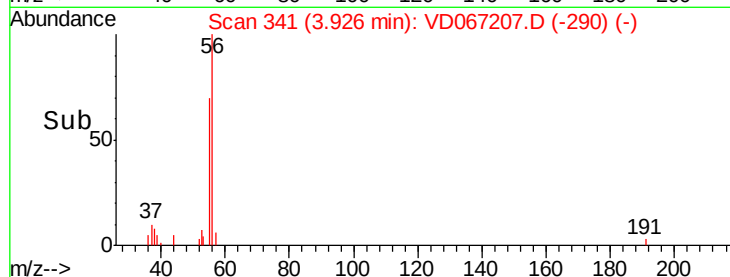
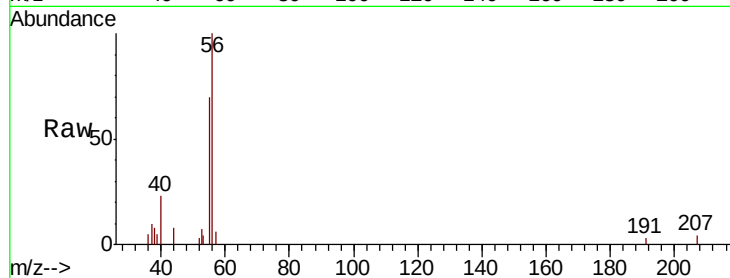
VD1009SBSD01

Tot Ion: 56 Resp: 17026

Ion Ratio Lower Upper

56 100

55 67.7 56.9 85.3



#14

Allyl chloride

Concen: 16.652 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

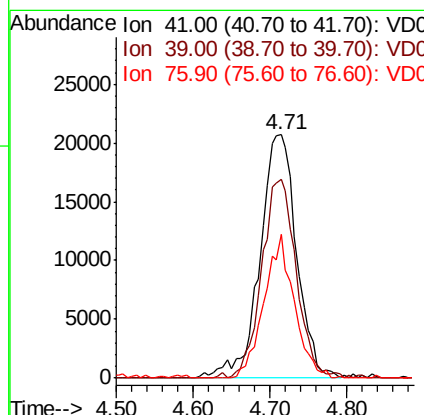
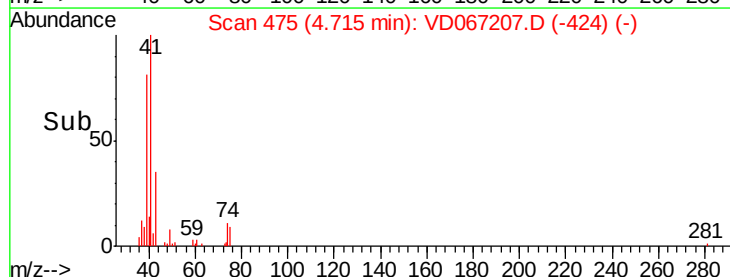
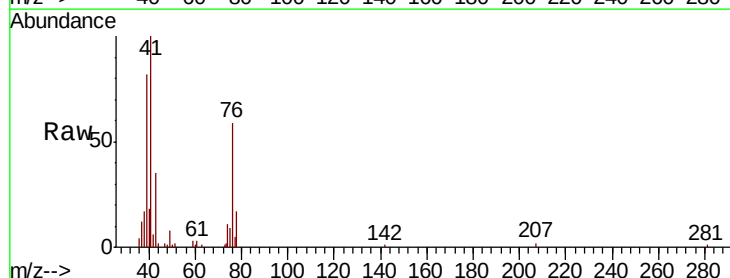
Tgt Ion: 41 Resp: 68774

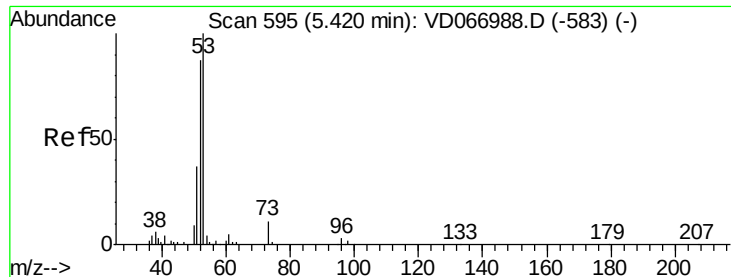
Ion Ratio Lower Upper

41 100

39 76.9 56.2 84.2

76 48.5 34.2 51.2





#15

Acrylonitrile

Concen: 95.163 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBSD01

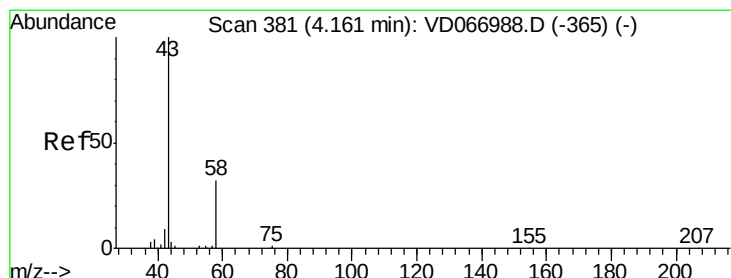
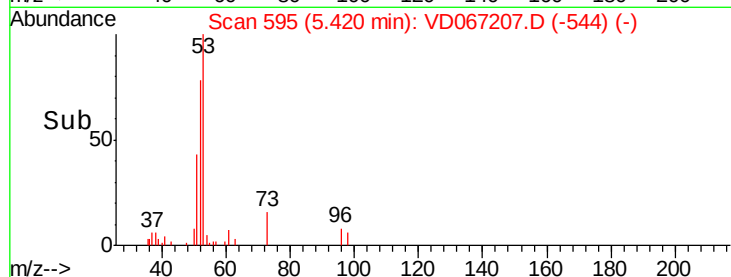
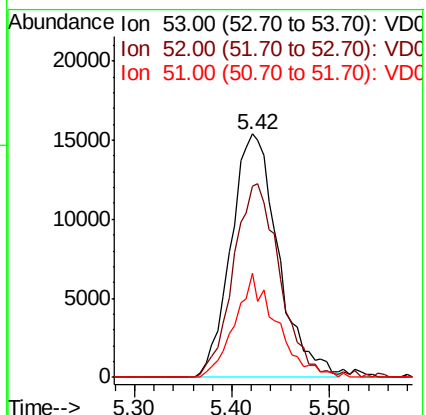
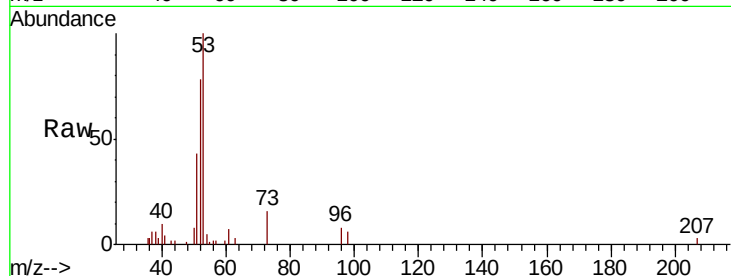
Tot Ion: 53 Resp: 51966

Ion Ratio Lower Upper

53 100

52 78.3 67.3 100.9

51 37.9 30.2 45.2



#16

Acetone

Concen: 100.838 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067207.D

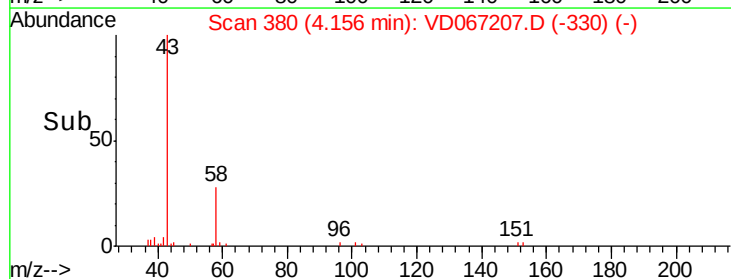
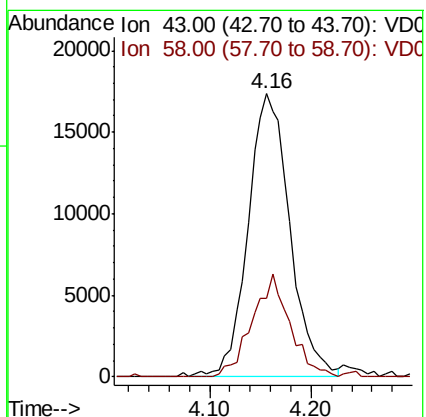
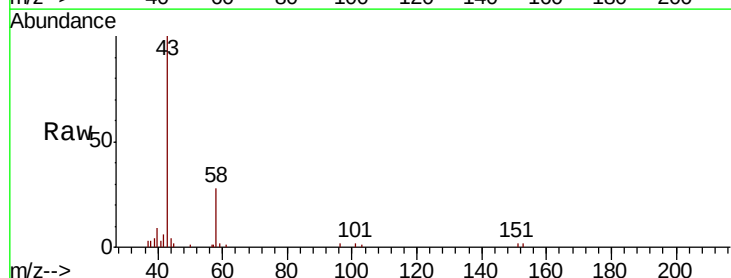
Acq: 09 Oct 2020 13:11

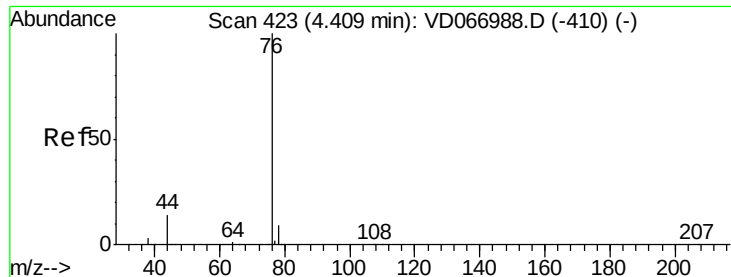
Tgt Ion: 43 Resp: 50002

Ion Ratio Lower Upper

43 100

58 27.9 25.9 38.9

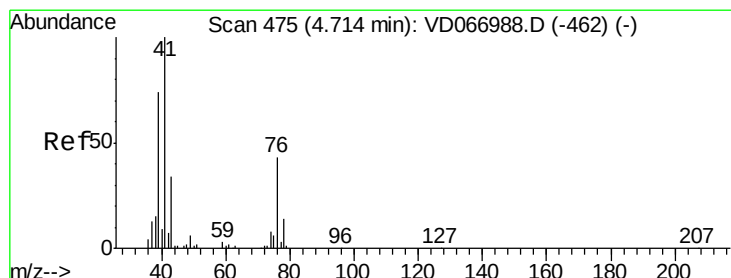
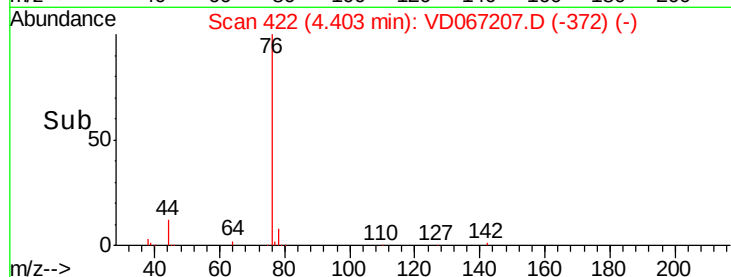
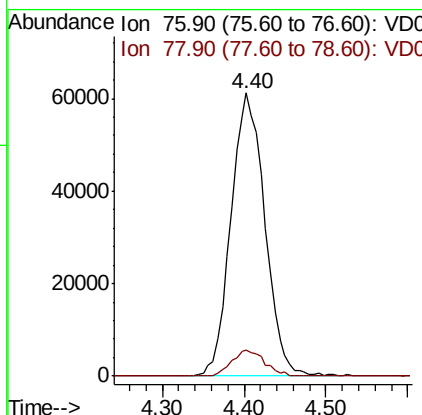
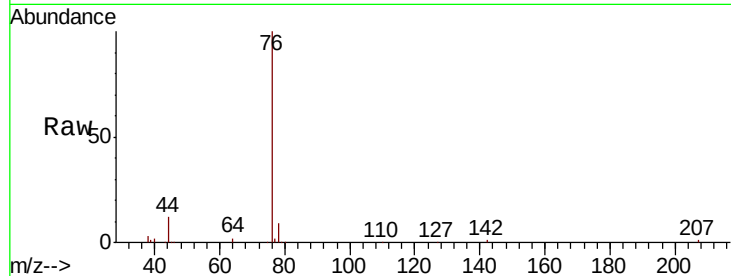




#17
Carbon Disulfide
Concen: 18.088 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

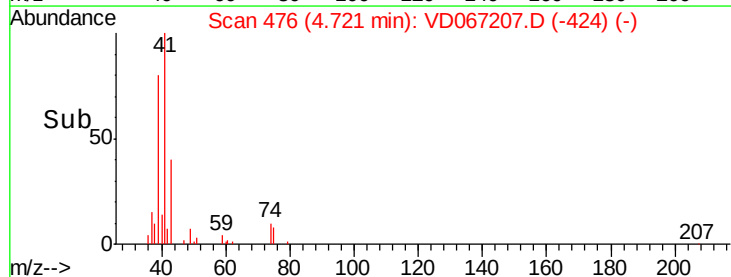
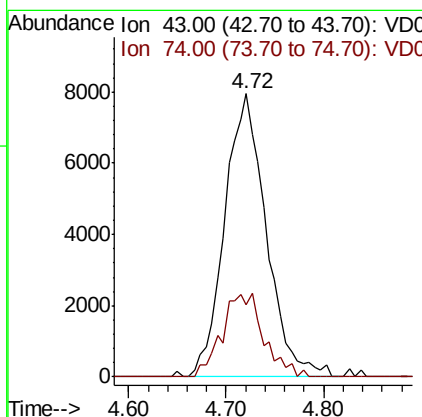
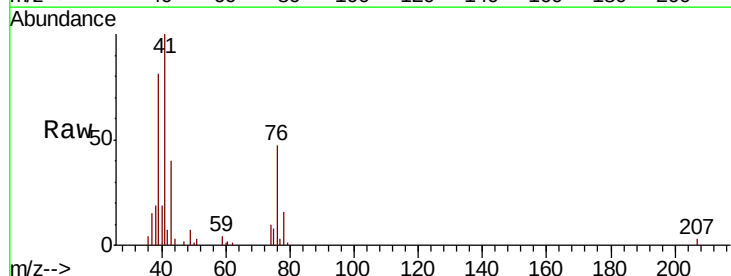
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

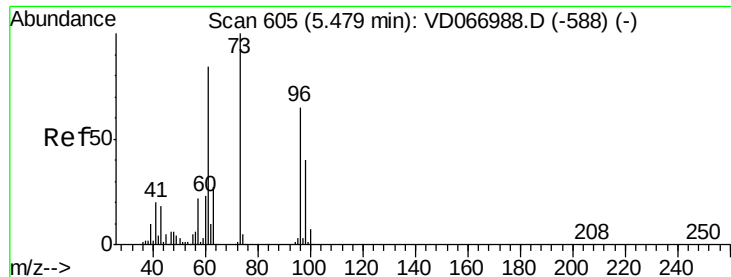
Tot Ion: 76 Resp: 176475
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 18.880 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 43 Resp: 23530
Ion Ratio Lower Upper
43 100
74 29.6 21.5 32.3



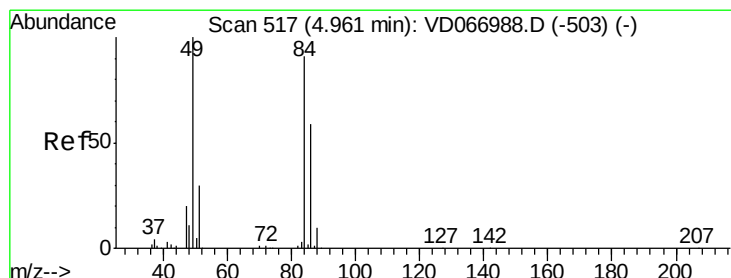
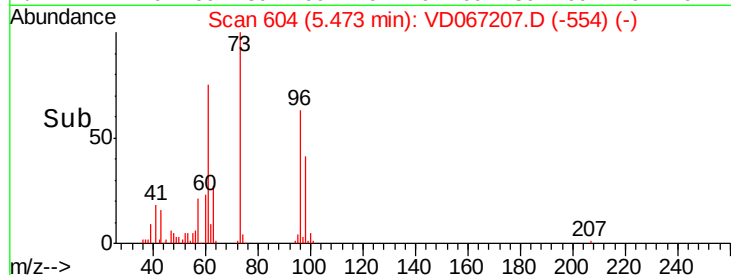
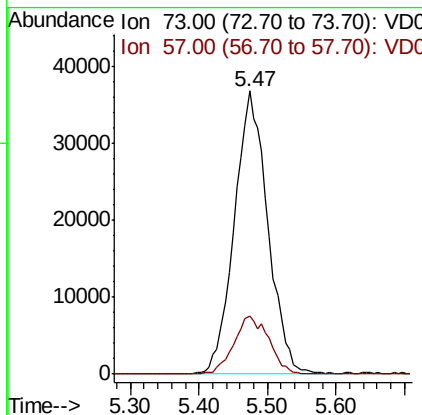
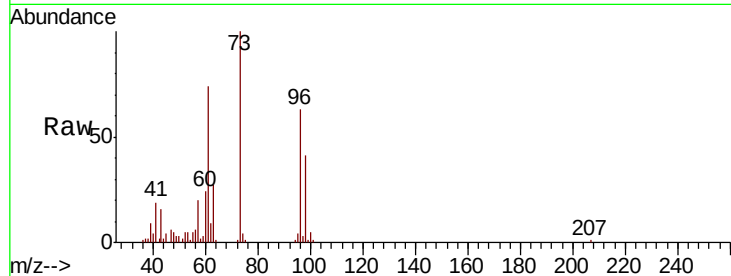


#19

Methyl tert-butyl Ether
 Concen: 21.433 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

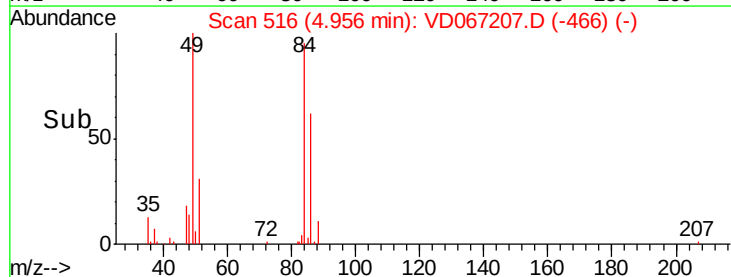
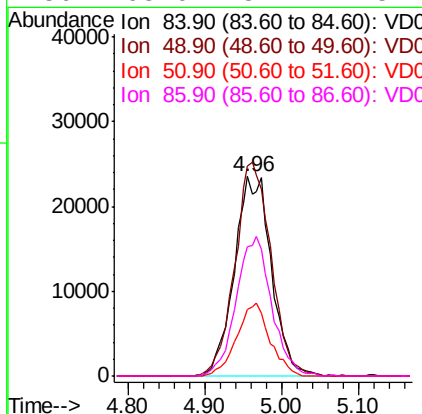
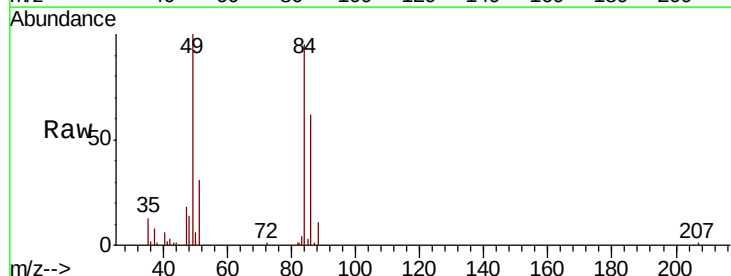
Tot Ion: 73 Resp: 124390
 Ion Ratio Lower Upper
 73 100
 57 20.4 17.4 26.0

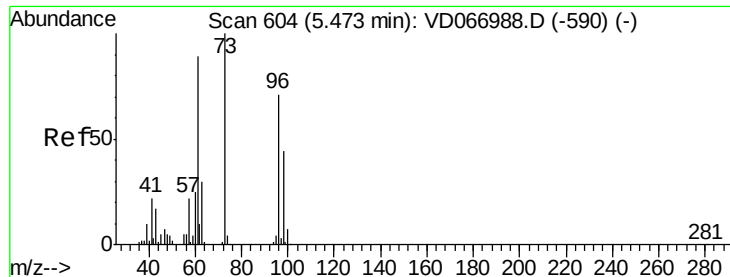


#20

Methylene Chloride
 Concen: 17.759 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 84 Resp: 78998
 Ion Ratio Lower Upper
 84 100
 49 105.6 88.2 132.2
 51 33.3 26.6 39.8
 86 65.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.553 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBSD01

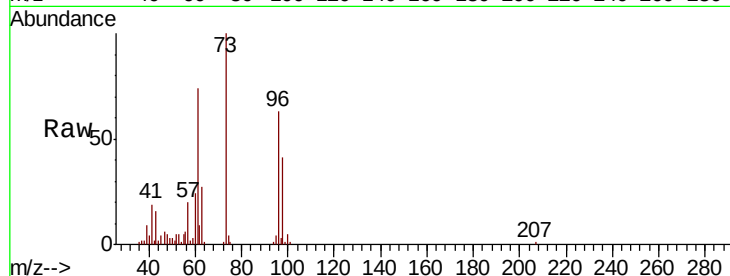
Tot Ion: 96 Resp: 70741

Ion Ratio Lower Upper

96 100

61 117.7 99.6 149.4

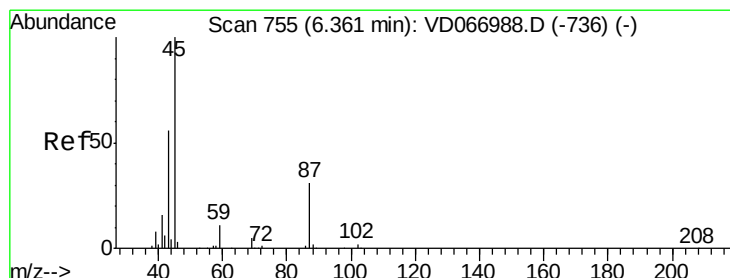
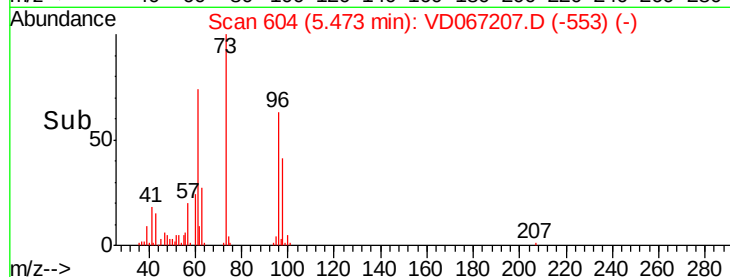
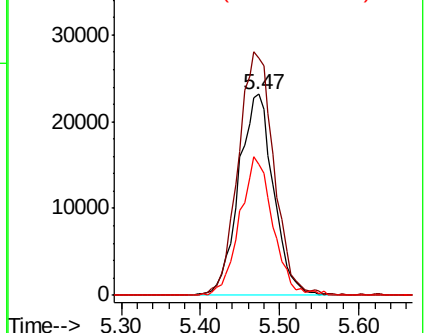
98 65.3 49.4 74.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 18.534 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Tgt Ion: 45 Resp: 139744

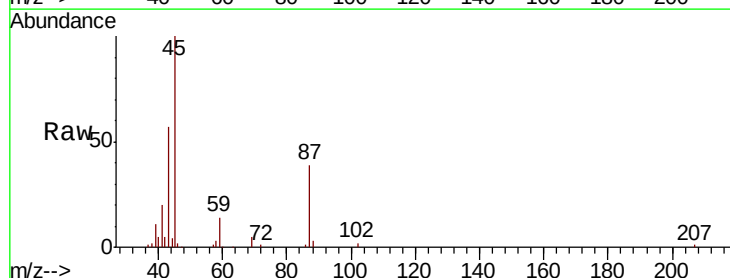
Ion Ratio Lower Upper

45 100

43 56.5 45.2 67.8

87 39.0 25.6 38.4#

59 13.9 9.1 13.7#

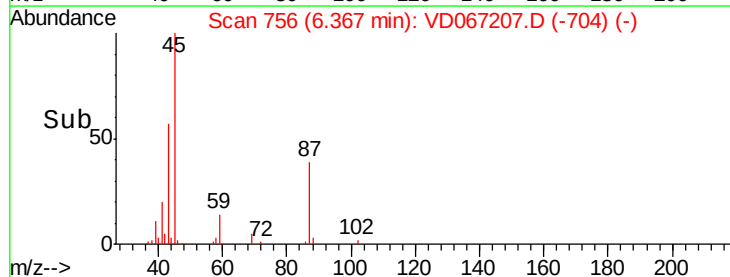
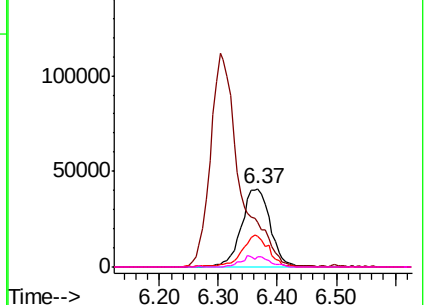


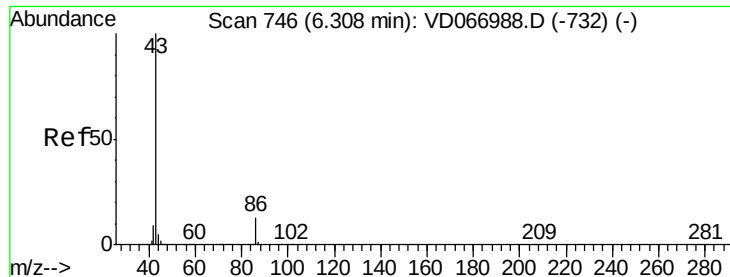
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 89.974 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

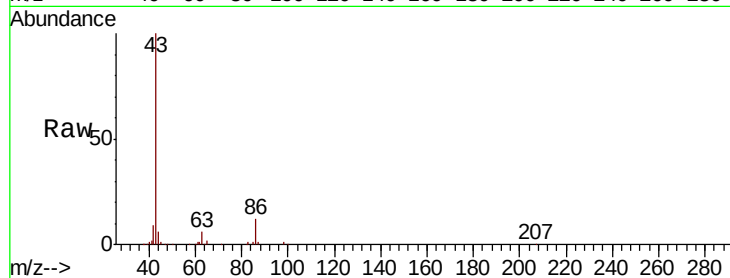
VD1009SBS01

Tot Ion: 43 Resp: 384422

Ion Ratio Lower Upper

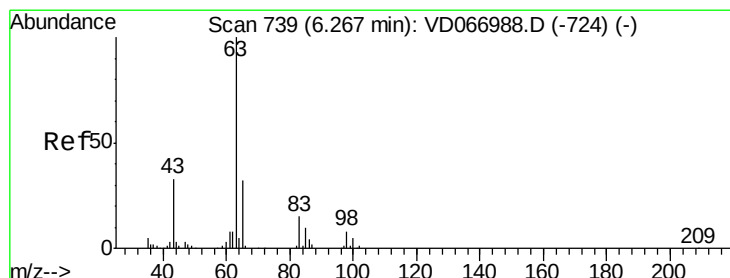
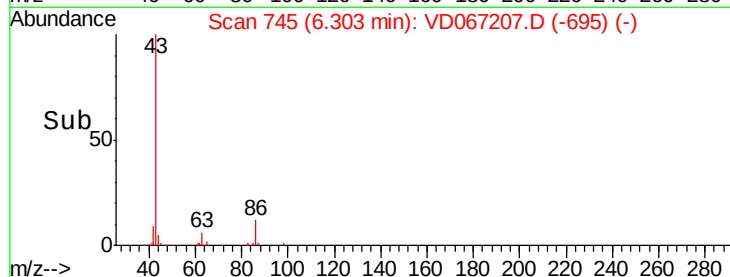
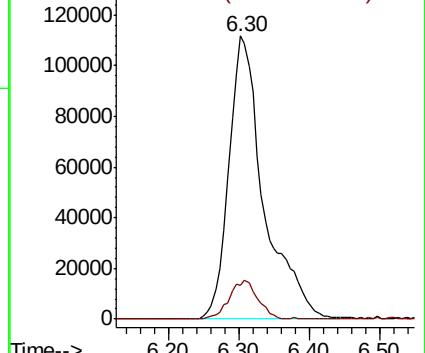
43 100

86 11.9 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: 18.696 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

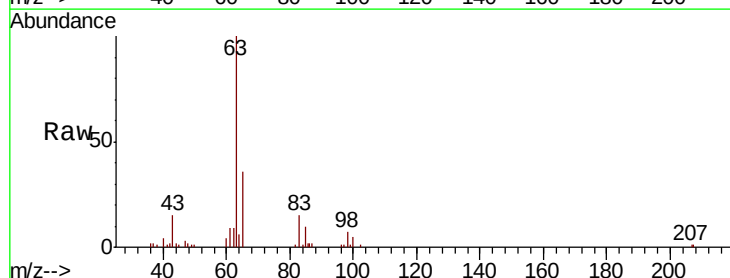
Tgt Ion: 63 Resp: 108790

Ion Ratio Lower Upper

63 100

98 7.1 4.2 12.6

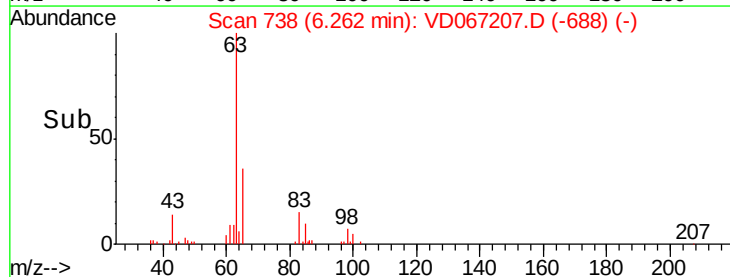
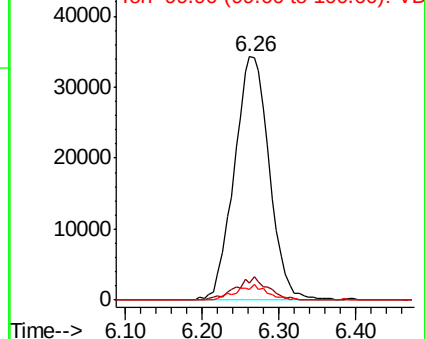
100 4.6 2.6 7.8

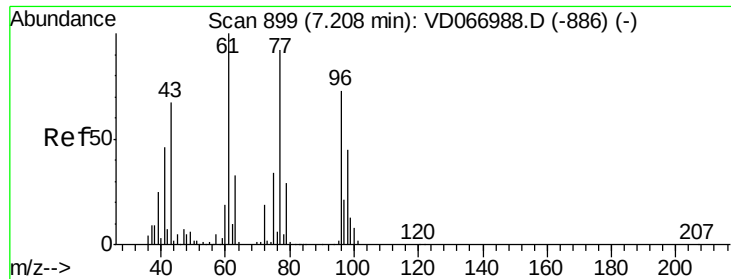


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 88.151 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

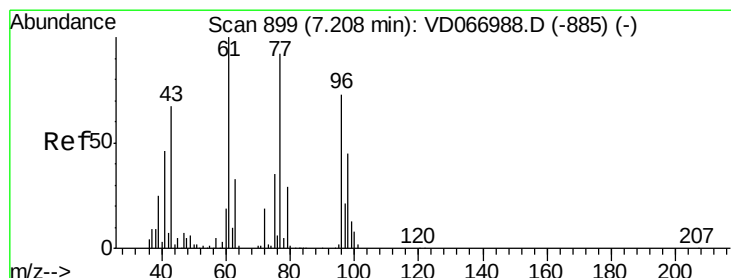
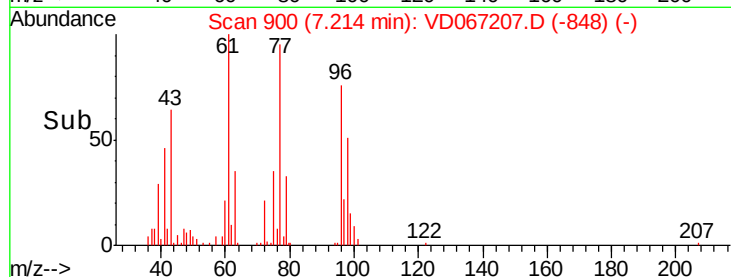
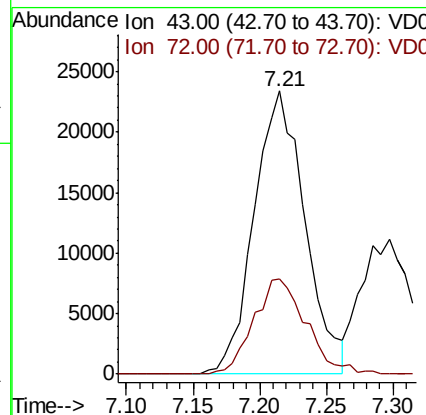
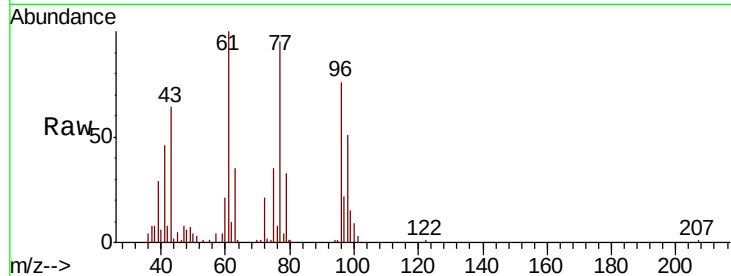
VD1009SBSD01

Tot Ion: 43 Resp: 61972

Ion Ratio Lower Upper

43 100

72 33.6 22.8 34.2



#26

2,2-Dichloropropane

Concen: 19.475 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067207.D

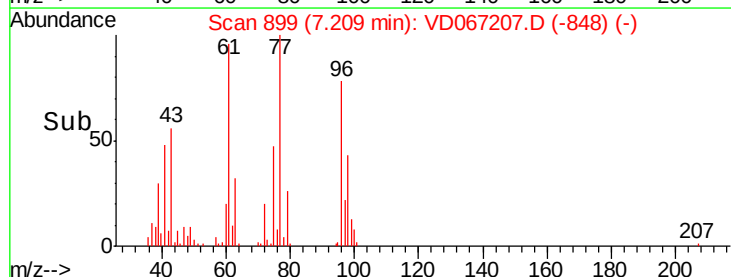
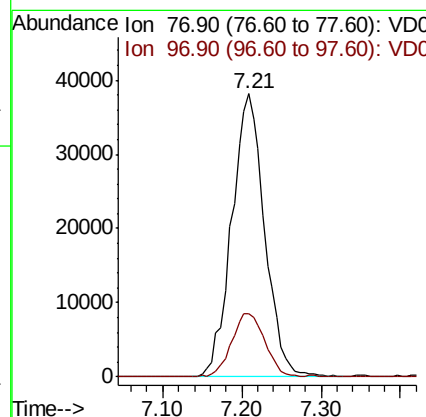
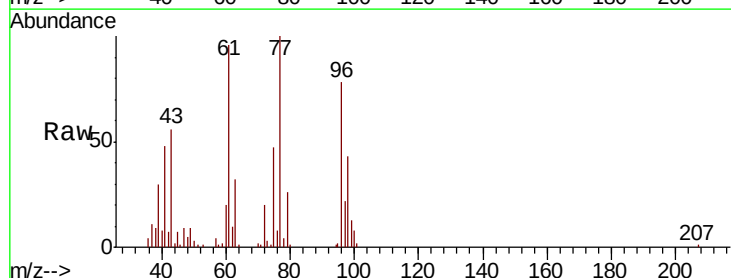
Acq: 09 Oct 2020 13:11

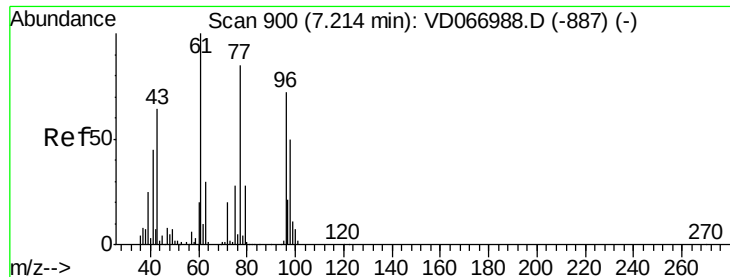
Tgt Ion: 77 Resp: 109434

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2



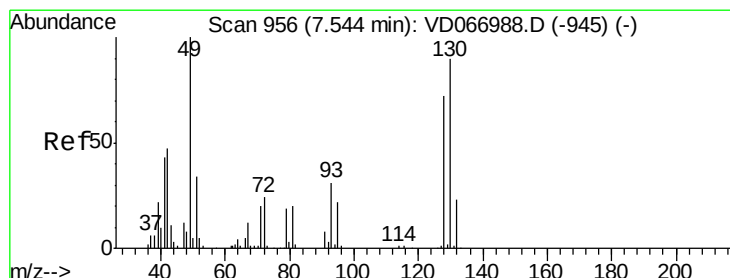
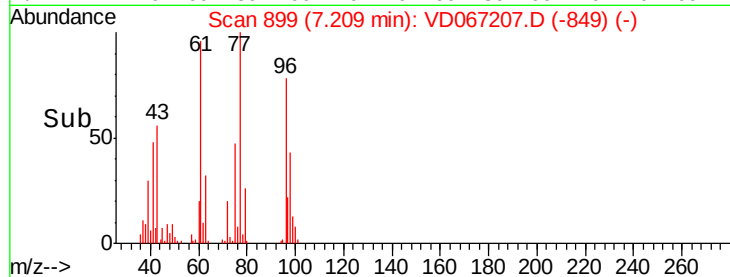
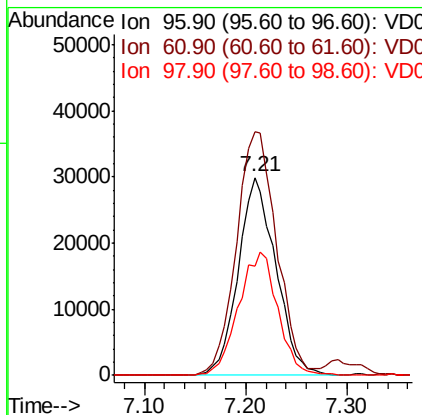
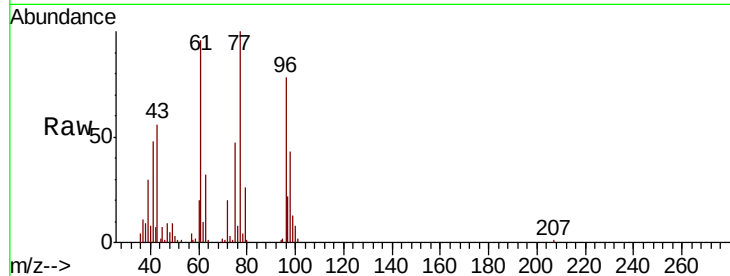


#27

cis-1,2-Dichloroethene
 Concen: 19.913 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

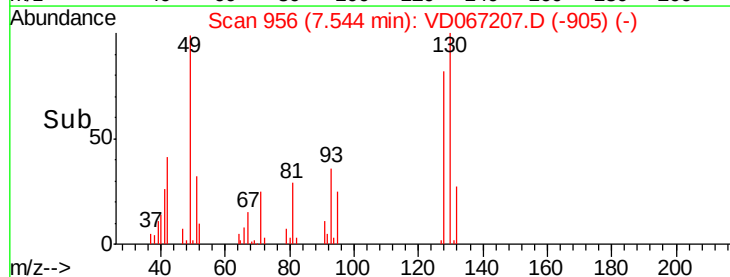
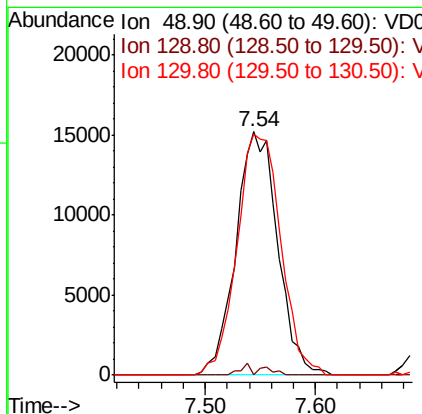
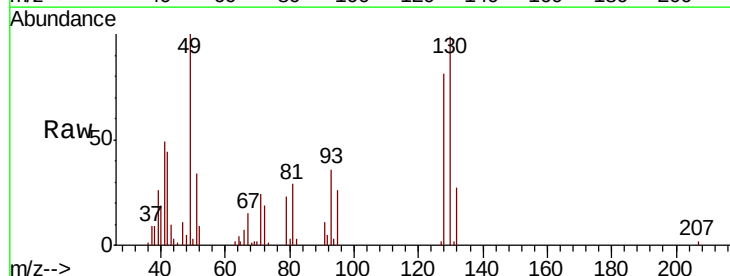
Tot Ion: 96 Resp: 76944
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 269.2
 98 64.9 0.0 129.4

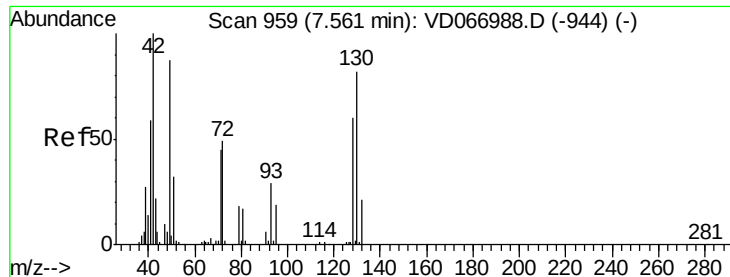


#28

Bromochloromethane
 Concen: 17.929 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 49 Resp: 40290
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 104.1 74.1 111.1





#29

Tetrahydrofuran

Concen: 90.458 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBSD01

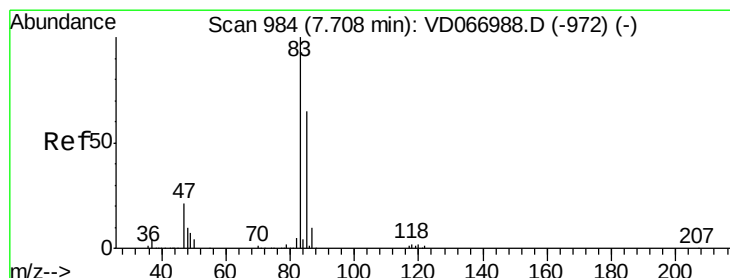
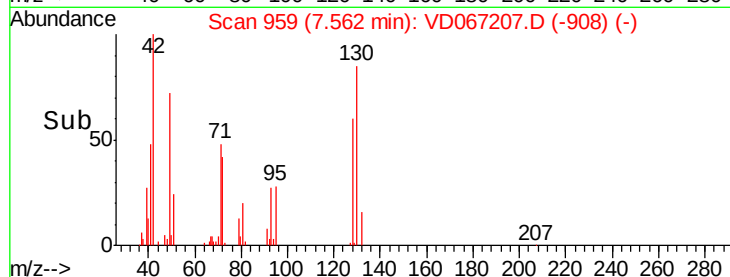
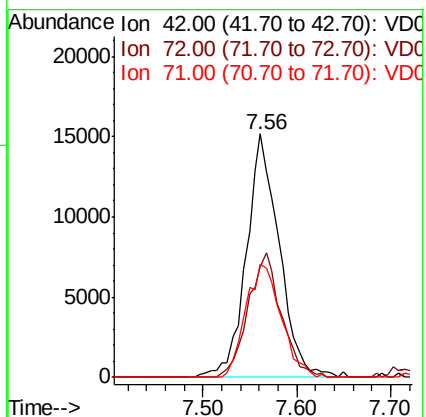
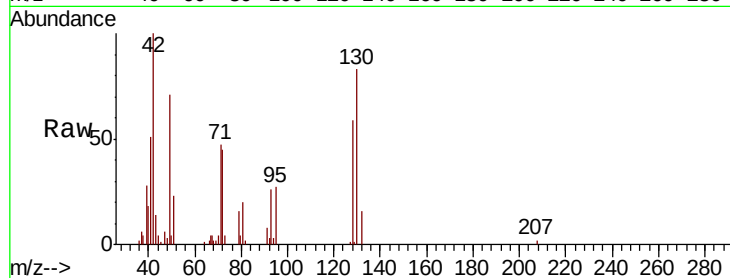
Tot Ion: 42 Resp: 36566

Ion Ratio Lower Upper

42 100

72 51.6 39.1 58.7

71 50.1 34.2 51.4



#30

Chloroform

Concen: 20.770 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD067207.D

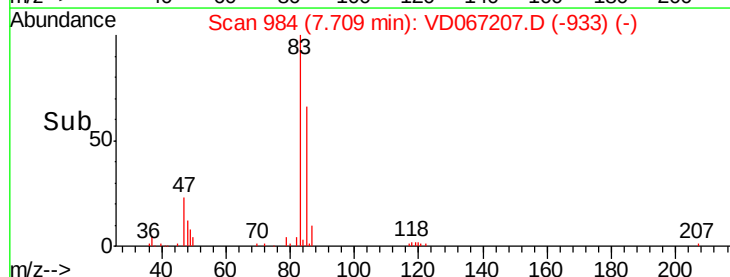
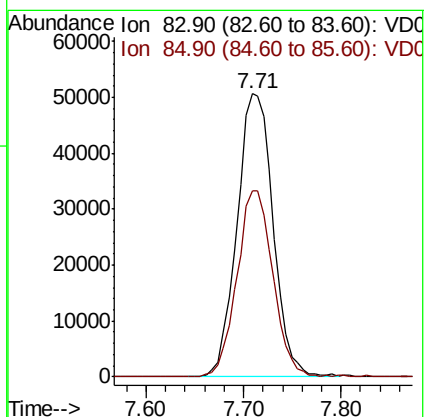
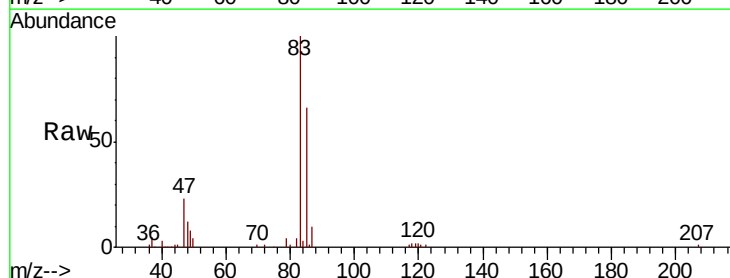
Acq: 09 Oct 2020 13:11

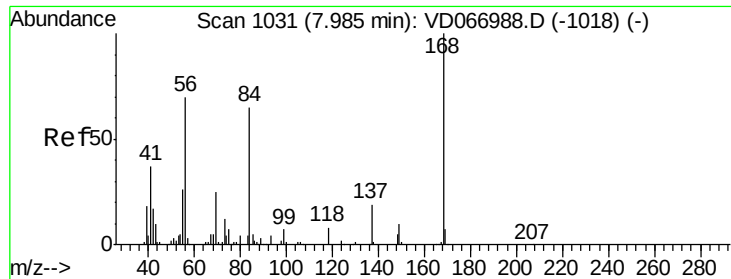
Tgt Ion: 83 Resp: 131105

Ion Ratio Lower Upper

83 100

85 65.9 52.3 78.5

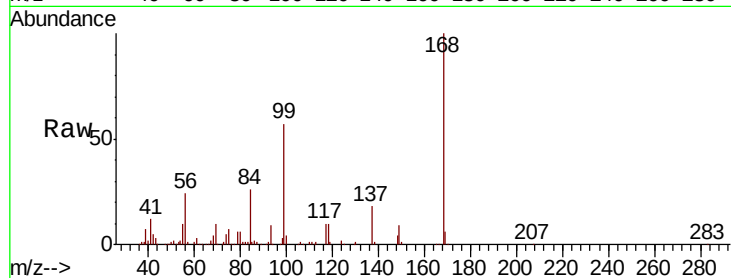




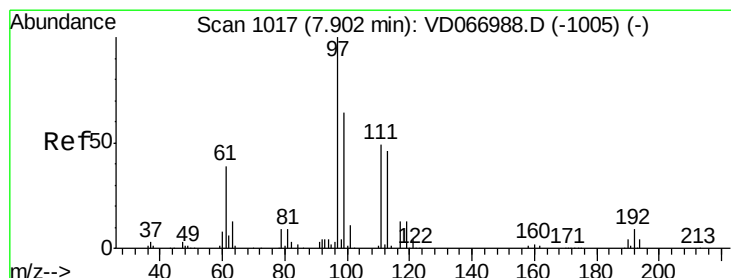
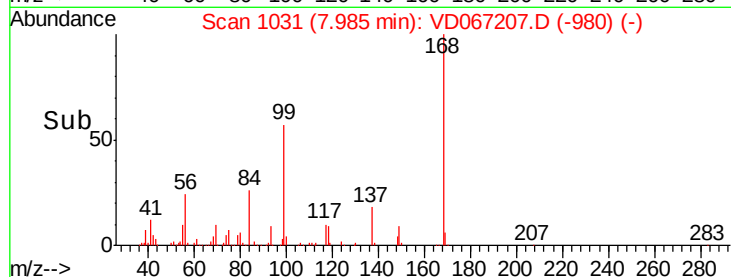
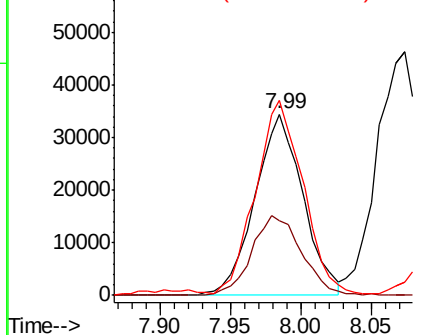
#31
Cyclohexane
Concen: 16.760 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion: 56 Resp: 81760
Ion Ratio Lower Upper
56 100
69 41.3 29.0 43.6
84 104.4 74.2 111.2

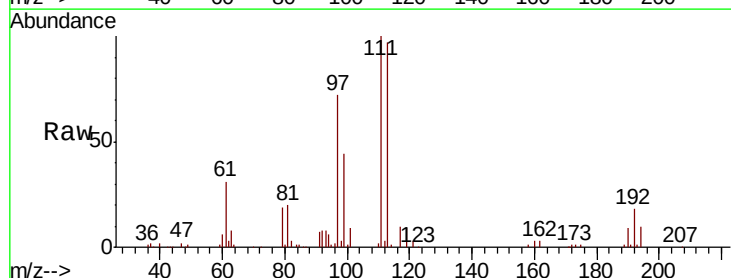


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

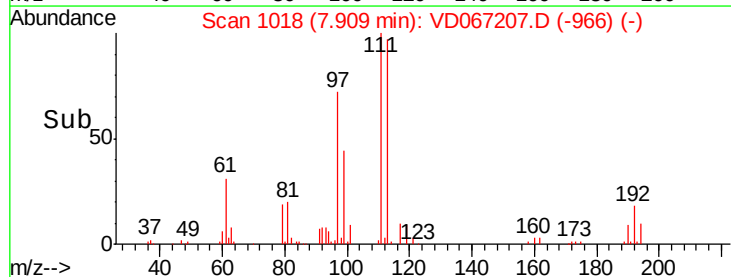
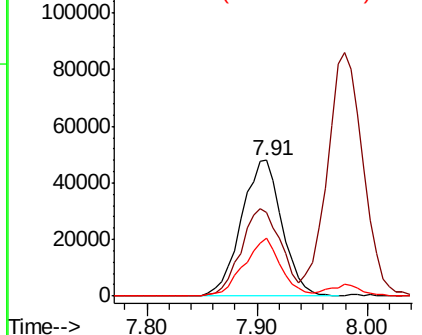


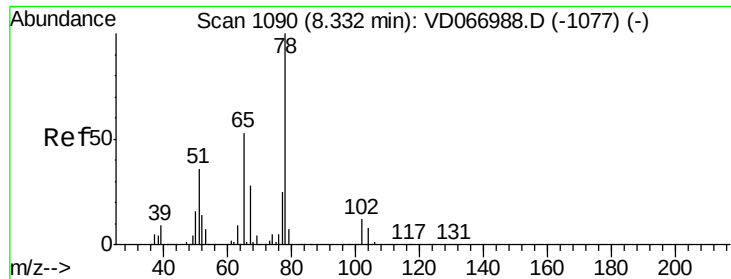
#32
1,1,1-Trichloroethane
Concen: 21.157 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 97 Resp: 123766
Ion Ratio Lower Upper
97 100
99 63.7 52.6 78.8
61 38.9 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

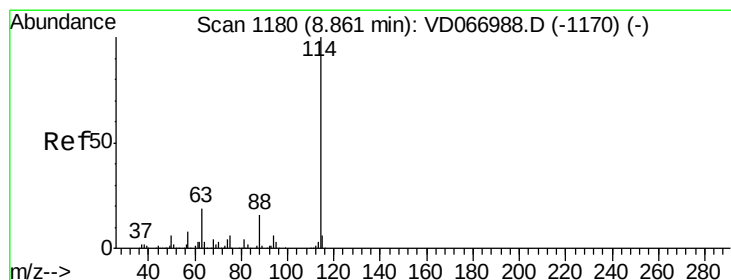
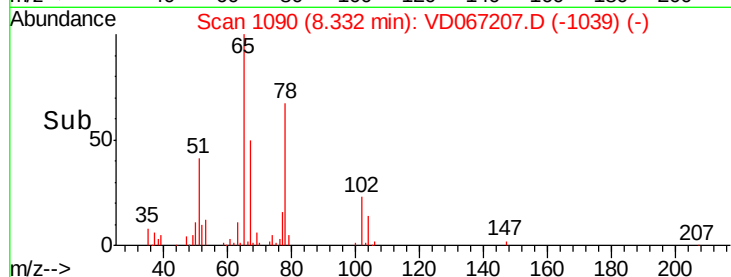
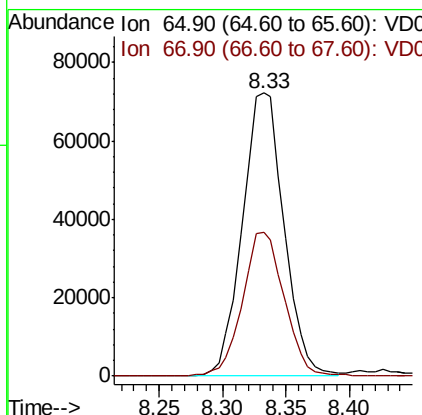
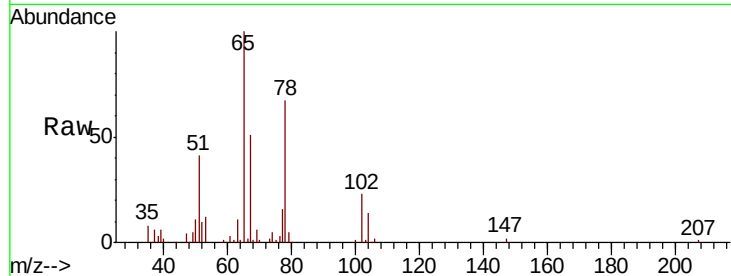




#33
 1,2-Dichloroethane-d4
 Concen: 50.714 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

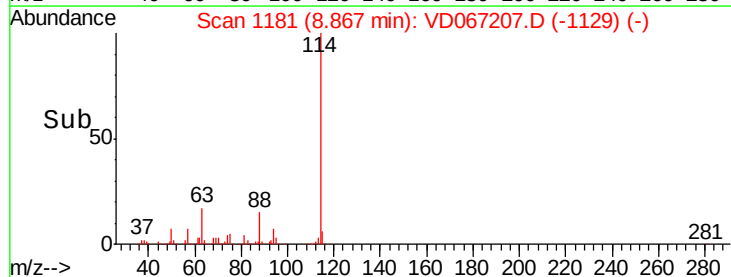
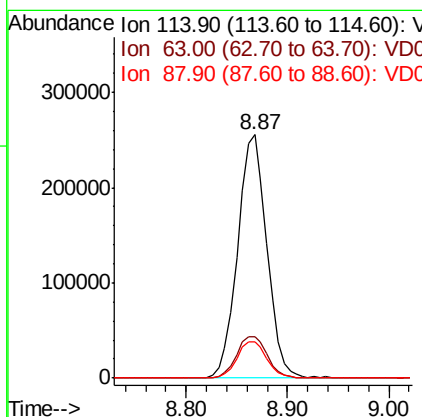
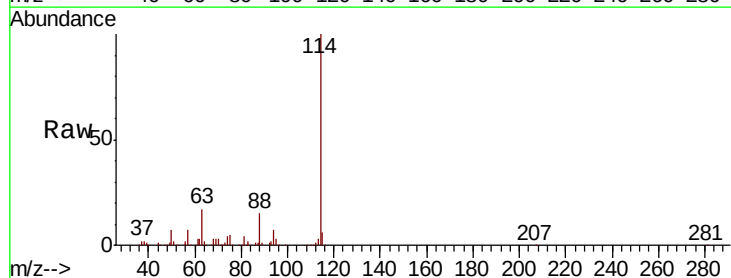
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

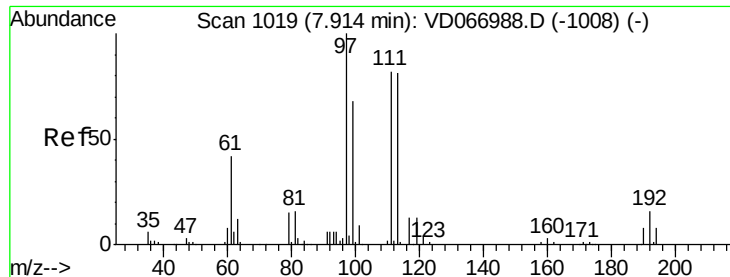
Tot Ion: 65 Resp: 164737
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 114 Resp: 511292
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 38.4
 88 14.7 0.0 31.2

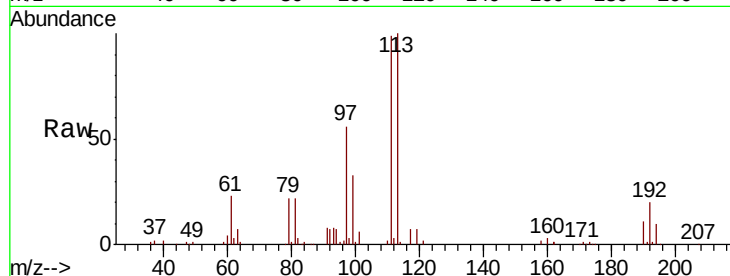




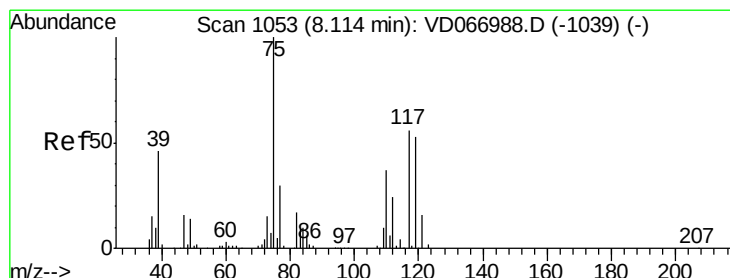
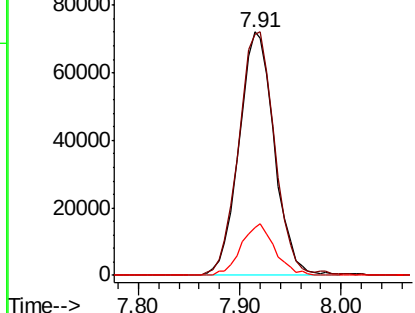
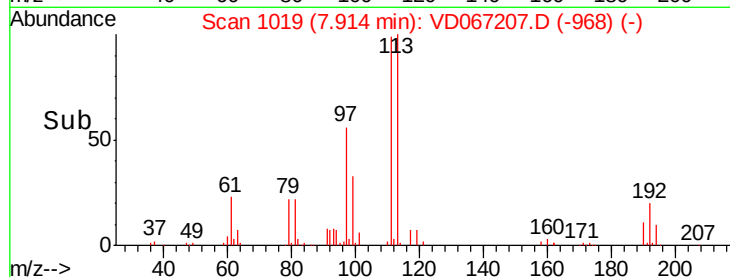
#35
 Dibromofluoromethane
 Concen: 51.810 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

Tot Ion:113 Resp: 173426
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.4
 192 20.2 15.5 23.3

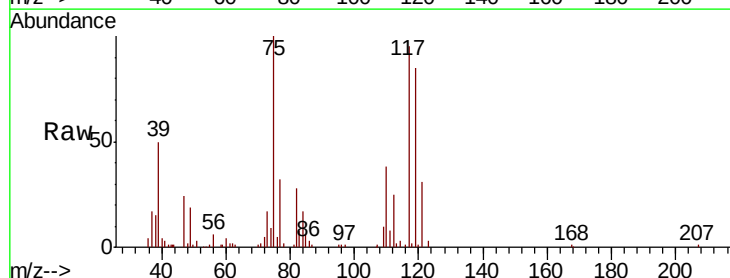


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

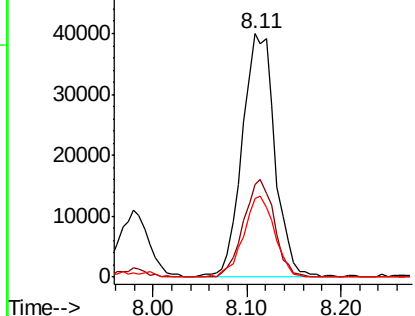
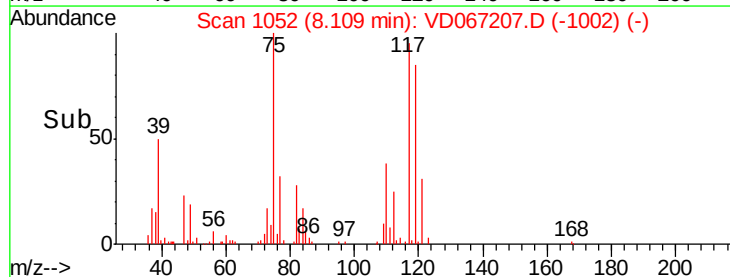


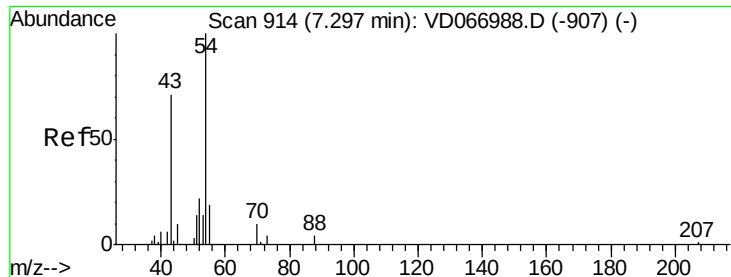
#36
 1,1-Dichloropropene
 Concen: 20.165 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 96104
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.4 55.0
 77 31.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

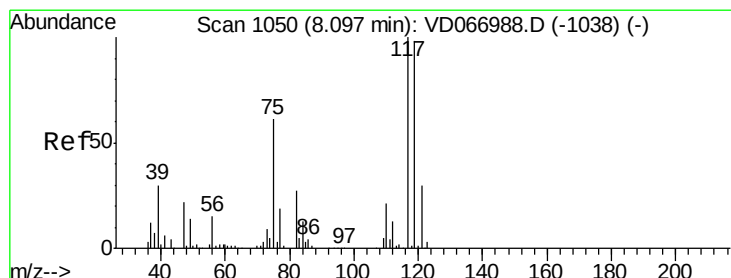
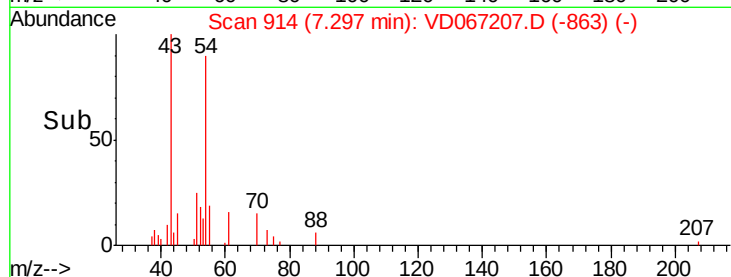
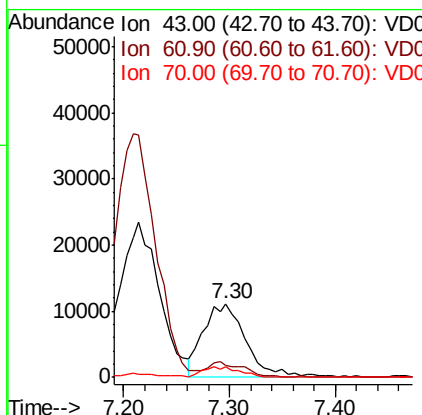
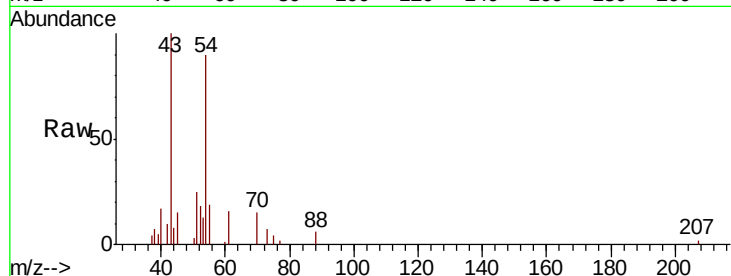




#37
Ethyl Acetate
Concen: 18.869 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

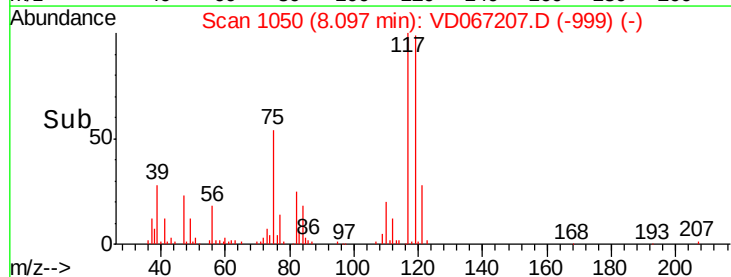
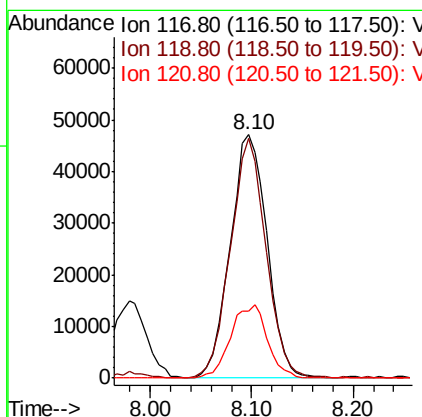
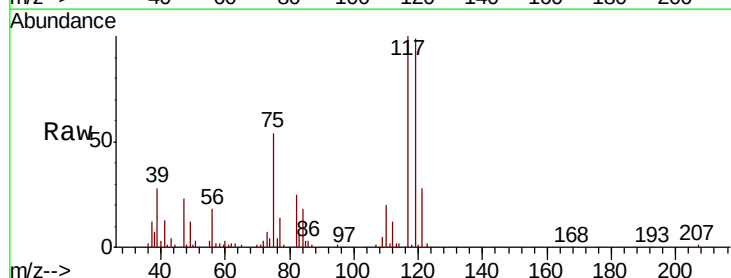
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

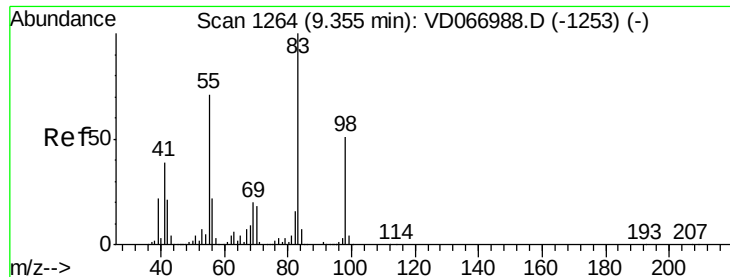
Tot Ion: 43 Resp: 31153
Ion Ratio Lower Upper
43 100
61 18.4 12.5 18.7
70 12.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 23.087 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 117 Resp: 119051
Ion Ratio Lower Upper
117 100
119 98.7 78.7 118.1
121 27.7 24.2 36.2

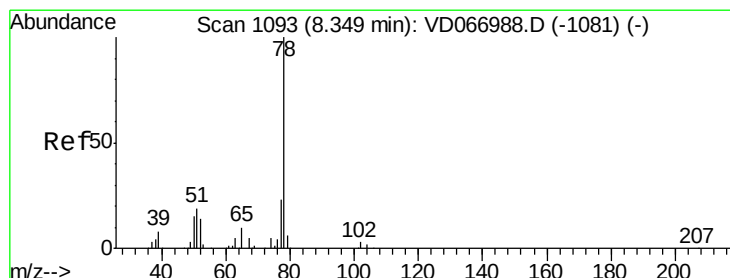
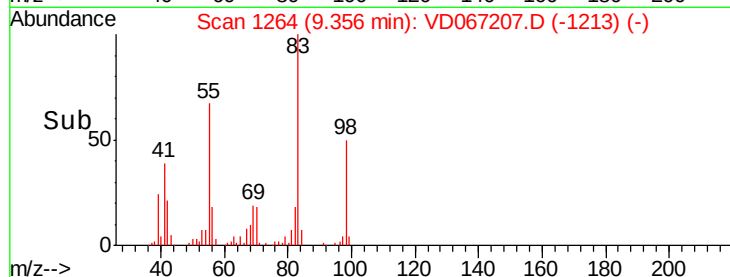
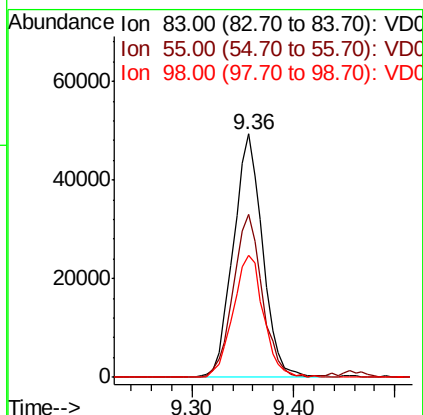
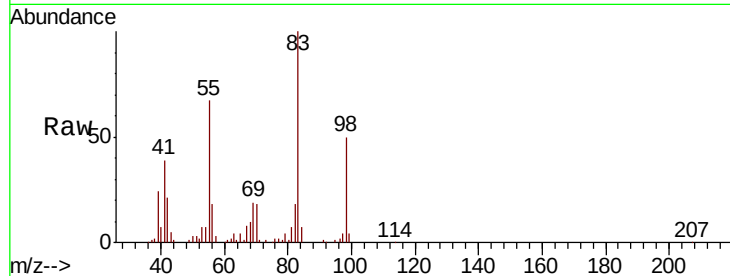




#39
Methylvlcyclohexane
Concen: 19.661 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

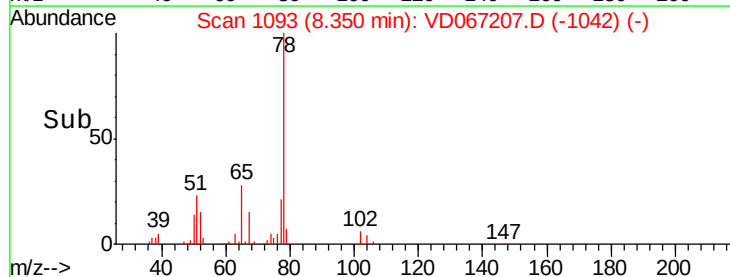
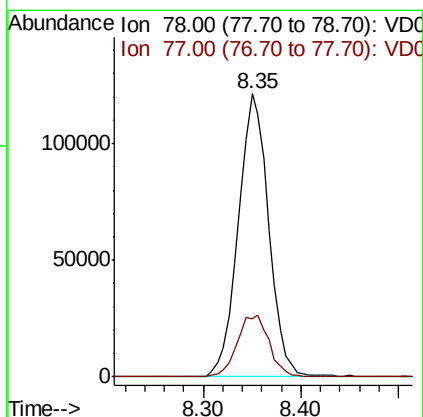
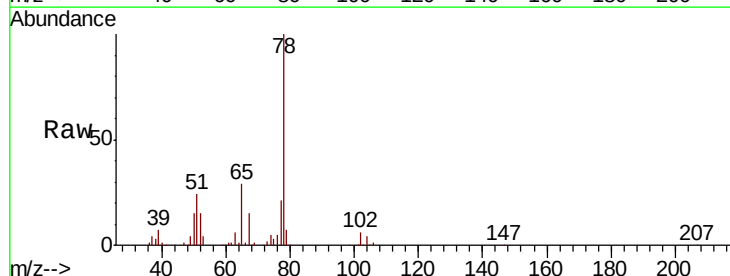
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

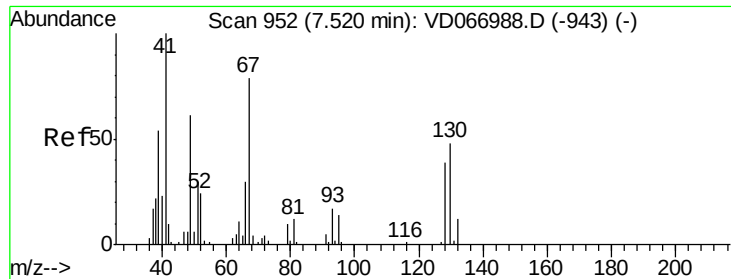
Tot Ion: 83 Resp: 99066
Ion Ratio Lower Upper
83 100
55 67.0 57.1 85.7
98 50.1 40.9 61.3



#40
Benzene
Concen: 19.947 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 78 Resp: 264049
Ion Ratio Lower Upper
78 100
77 20.7 18.4 27.6

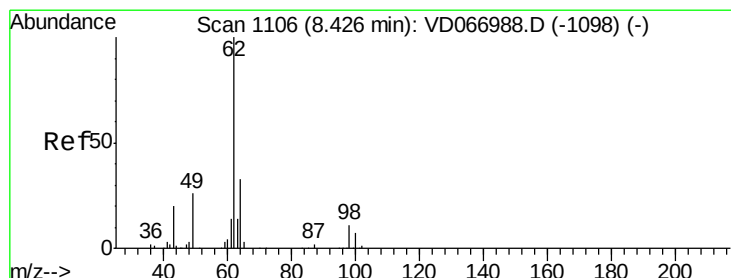
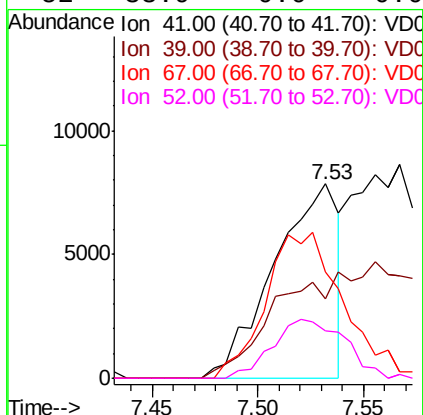
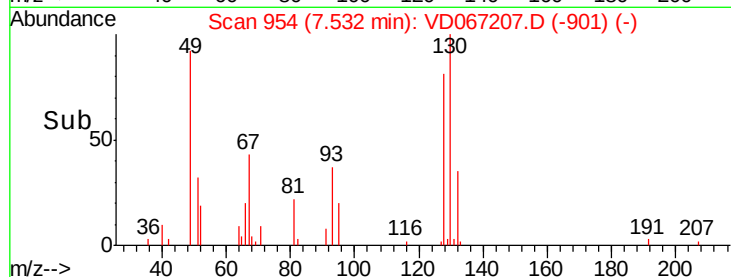
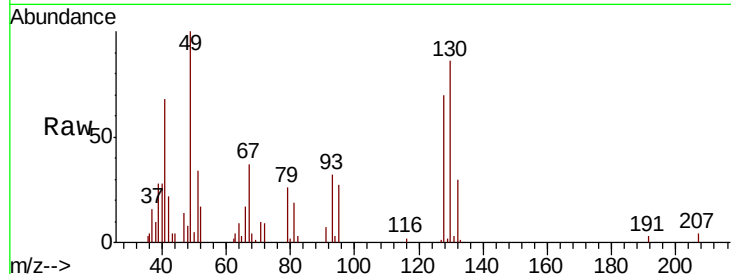




#41
Methacrylonitrile
Concen: 18.750 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

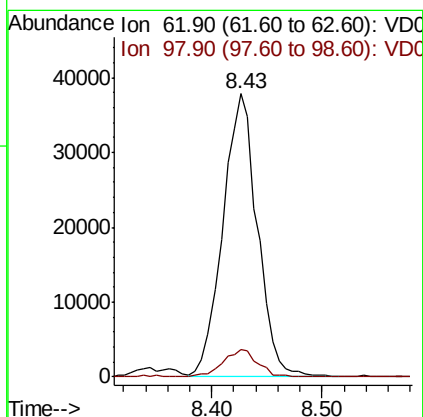
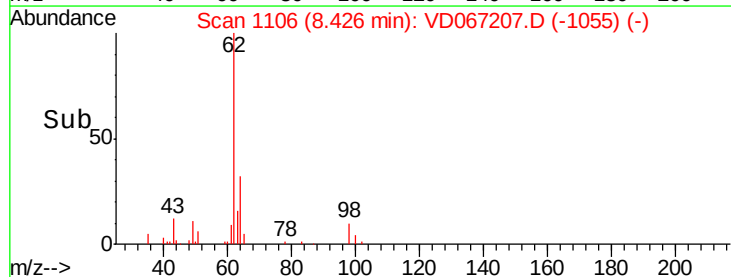
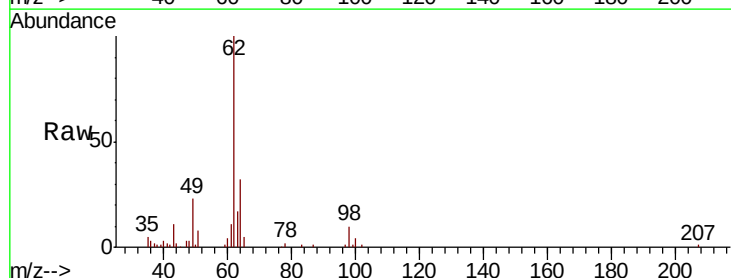
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

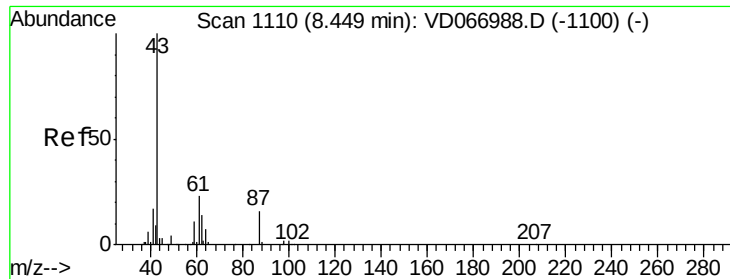
Tot Ion: 41 Resp: 16724
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 89.2 0.0 0.0#
52 33.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 22.355 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 62 Resp: 82691
Ion Ratio Lower Upper
62 100
98 9.7 0.0 22.6





#43

Isopropyl Acetate

Concen: 19.383 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBSD01

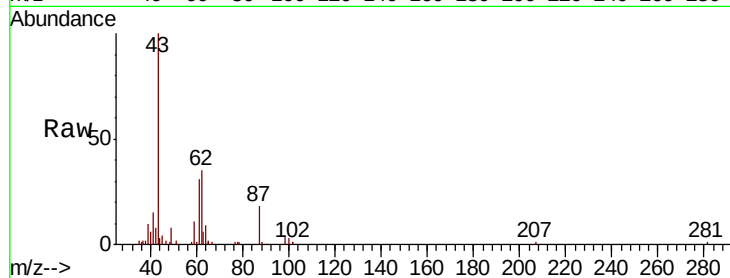
Tot Ion: 43 Resp: 58955

Ion Ratio Lower Upper

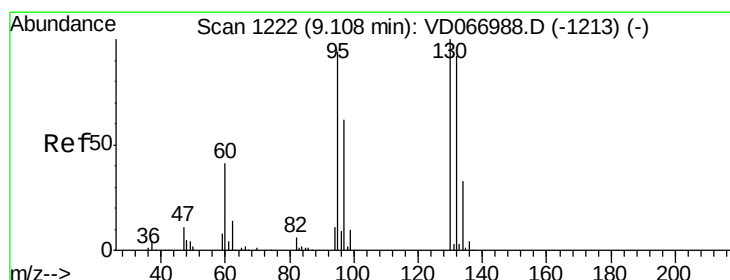
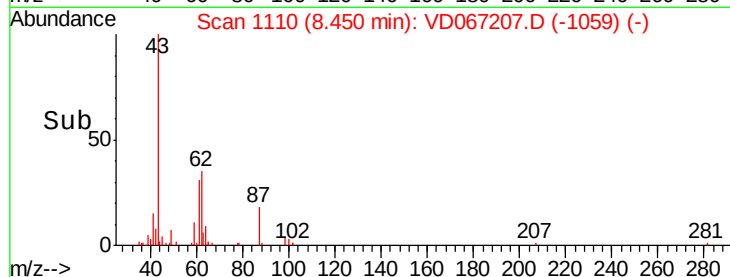
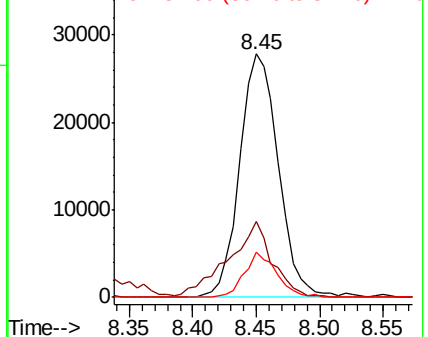
43 100

61 35.7 27.1 40.7

87 15.6 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: 21.085 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067207.D

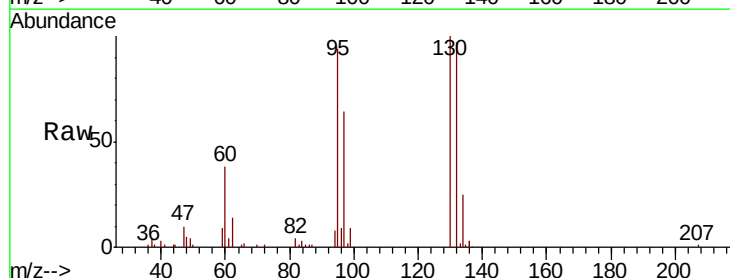
Acq: 09 Oct 2020 13:11

Tgt Ion:130 Resp: 83346

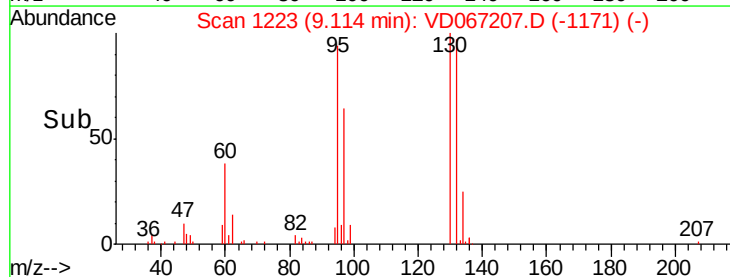
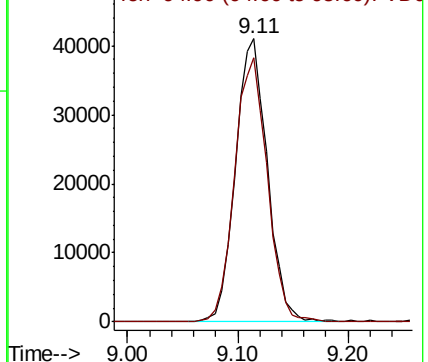
Ion Ratio Lower Upper

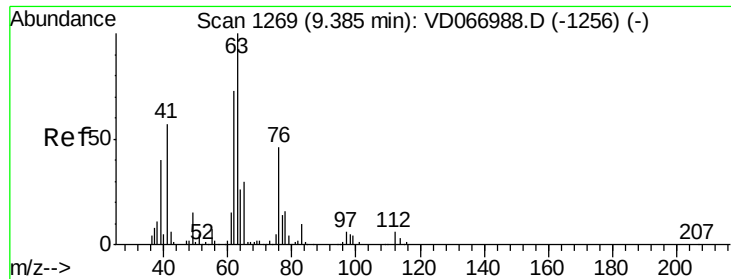
130 100

95 93.5 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

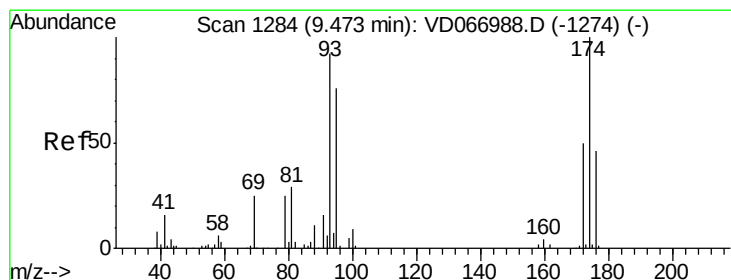
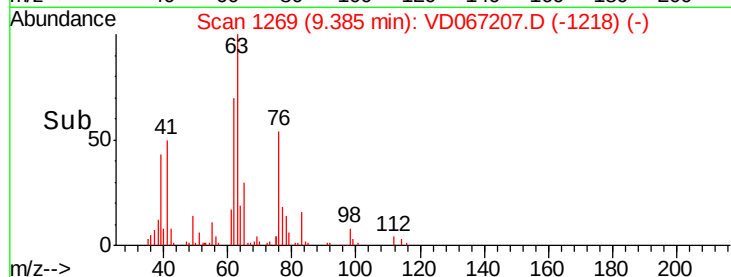
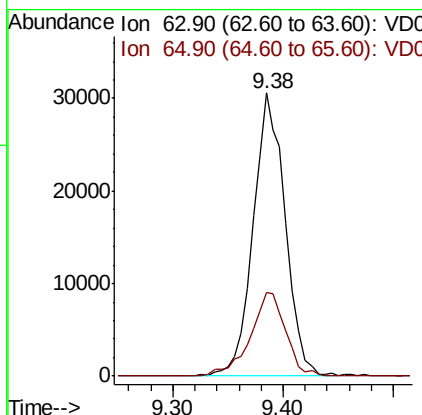
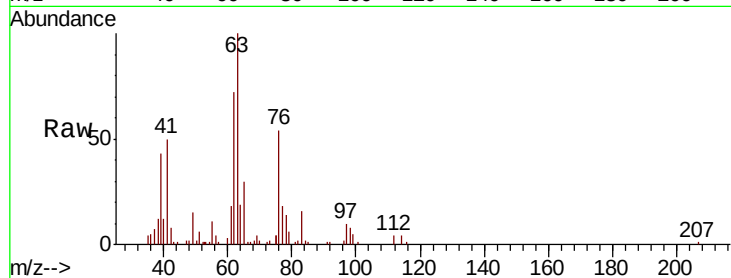




#45
 1,2-Dichloropropane
 Concen: 19.929 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

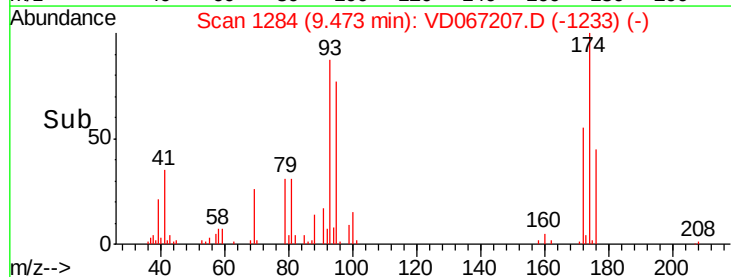
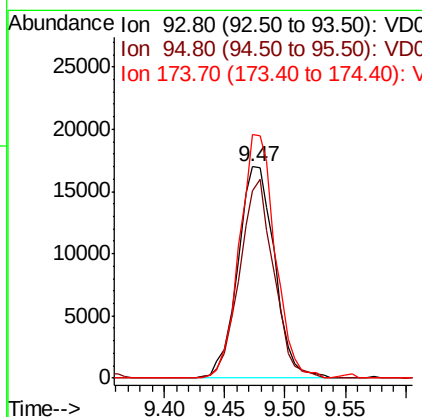
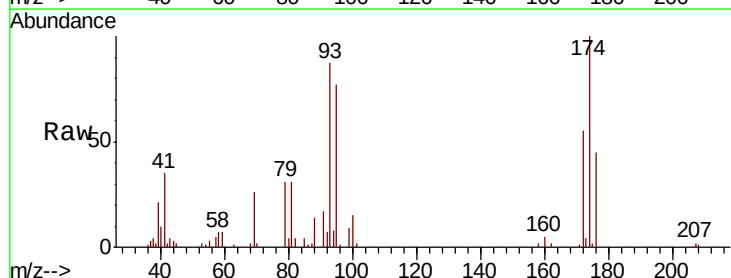
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

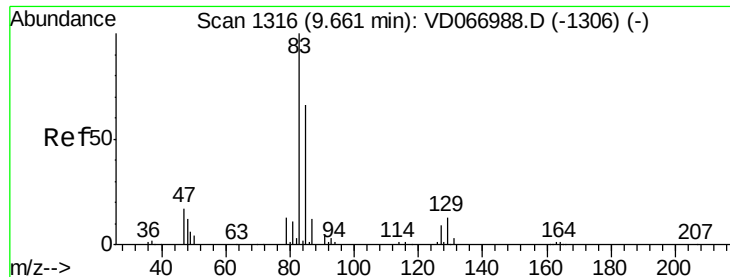
Tot Ion: 63 Resp: 61985
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.7 35.5



#46
 Dibromomethane
 Concen: 20.208 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 93 Resp: 36125
 Ion Ratio Lower Upper
 93 100
 95 87.4 64.7 97.1
 174 111.2 81.4 122.2

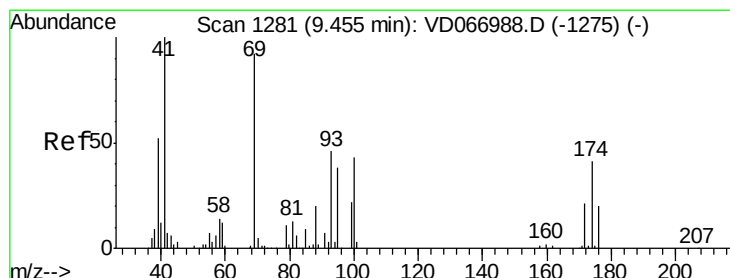
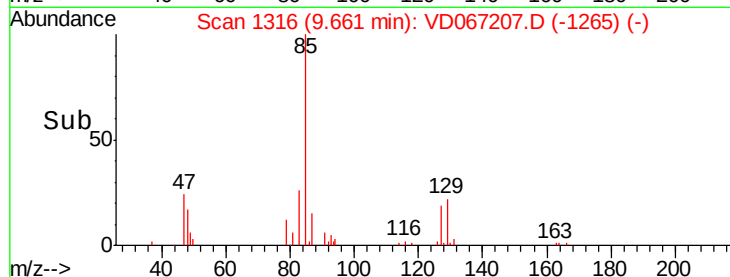
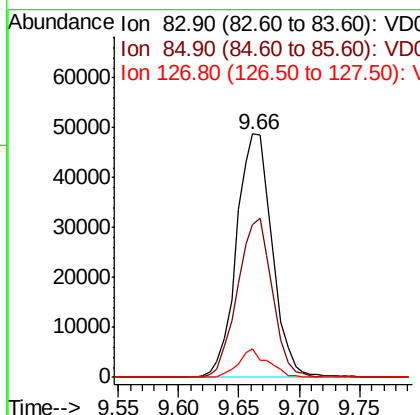
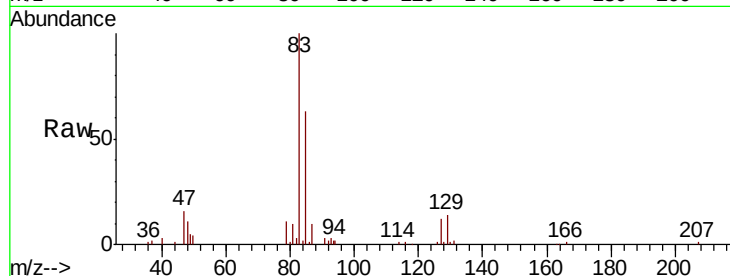




#47
Bromodichloromethane
Concen: 21.553 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

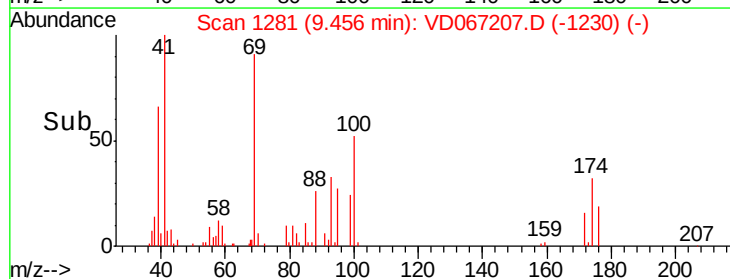
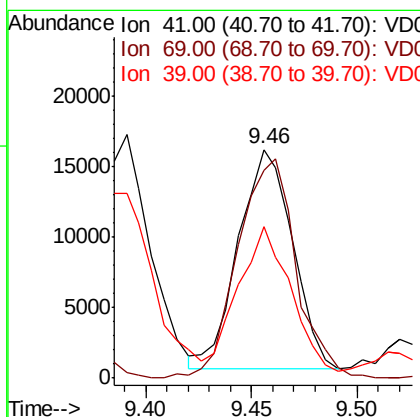
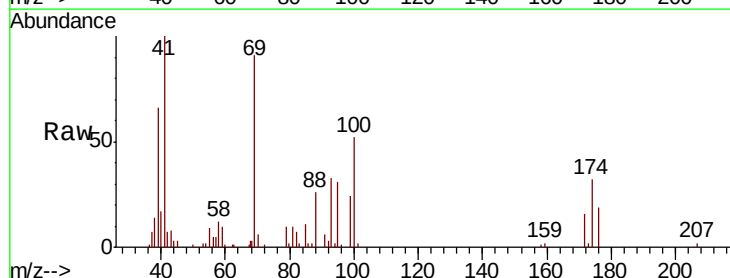
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

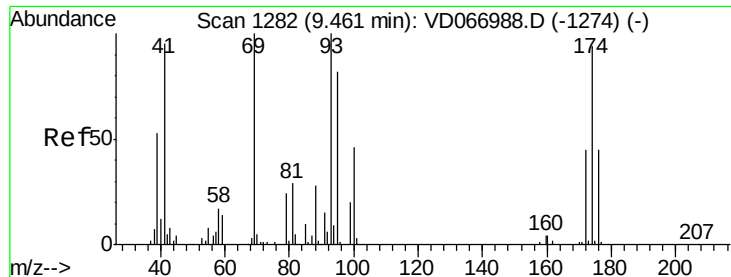
Tot Ion: 83 Resp: 100153
Ion Ratio Lower Upper
83 100
85 62.8 52.9 79.3
127 11.9 7.3 10.9#



#48
Methyl methacrylate
Concen: 17.812 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 41 Resp: 27755
Ion Ratio Lower Upper
41 100
69 107.8 68.5 102.7#
39 70.0 40.2 60.2#

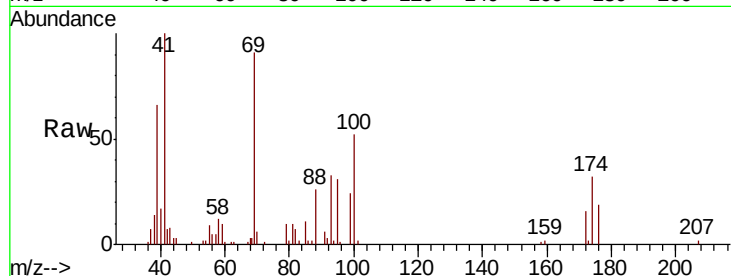




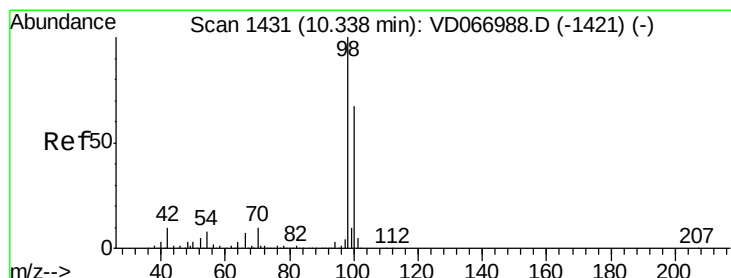
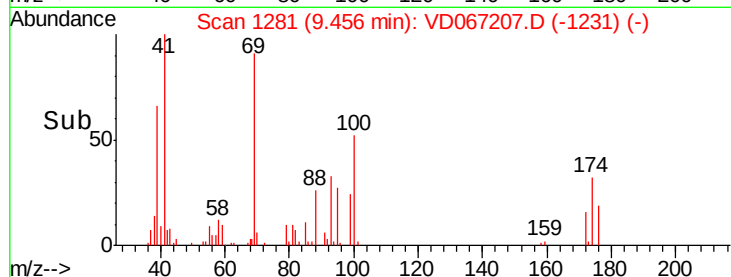
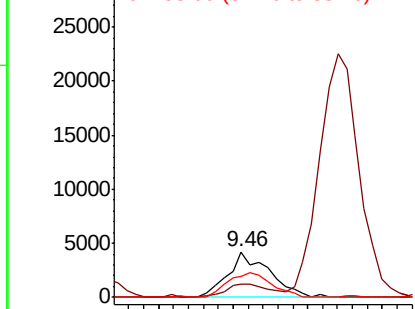
#49
 1,4-Dioxane
 Concen: 438.332 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBS01

Tot Ion: 88 Resp: 8178
 Ion Ratio Lower Upper
 88 100
 43 32.0 25.6 38.4
 58 56.3 53.5 80.3

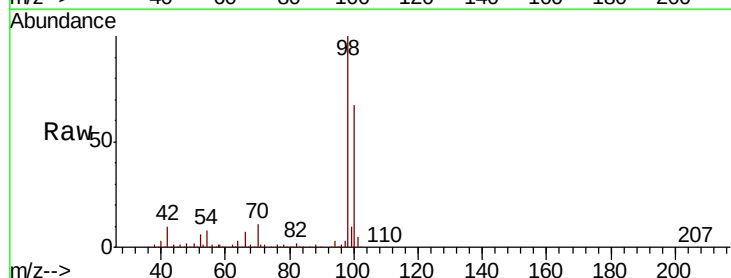


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

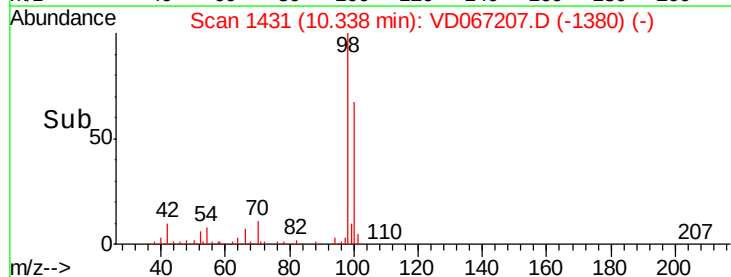
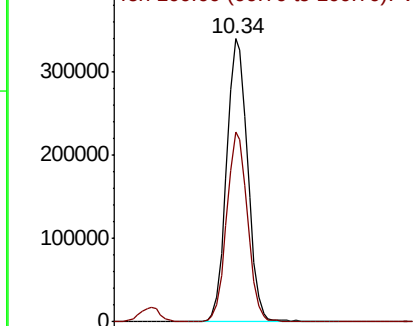


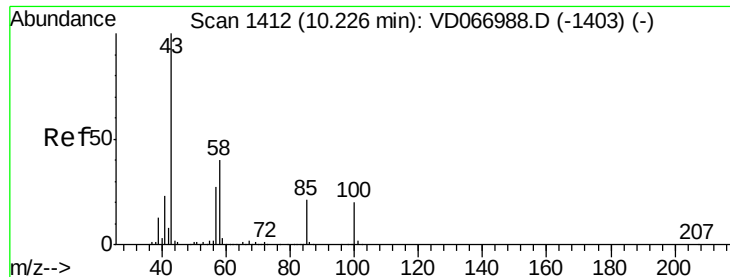
#50
 Toluene-d8
 Concen: 51.131 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 98 Resp: 623659
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

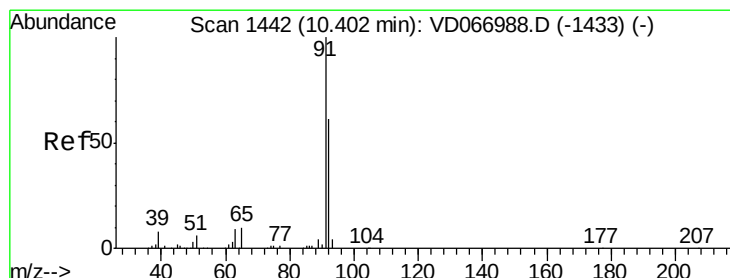
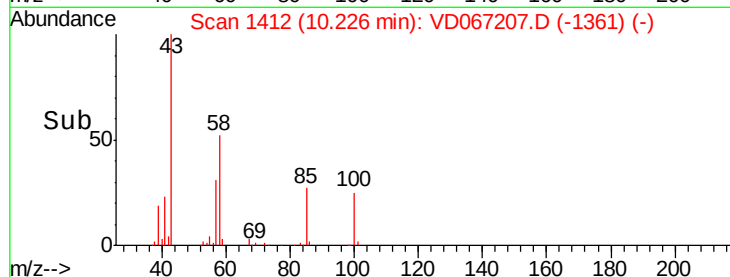
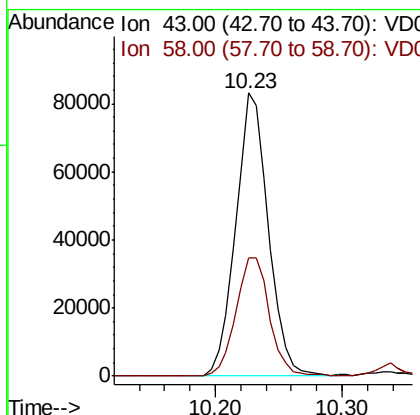
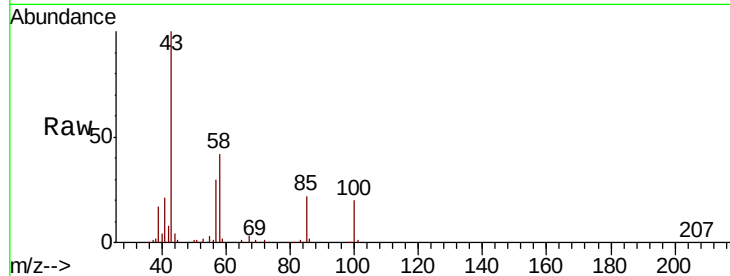




#51
 4-Methyl-2-Pentanone
 Concen: 97.756 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

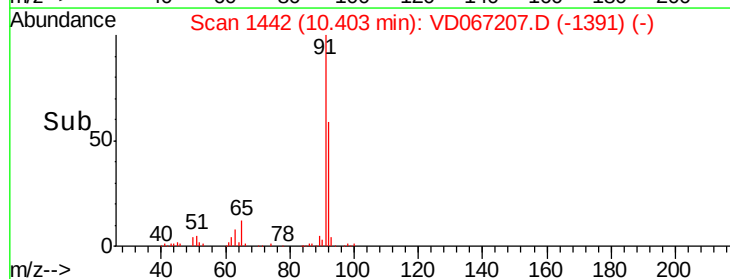
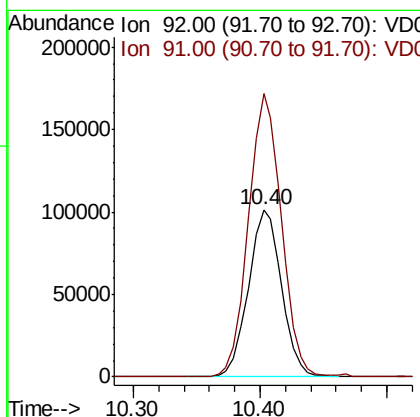
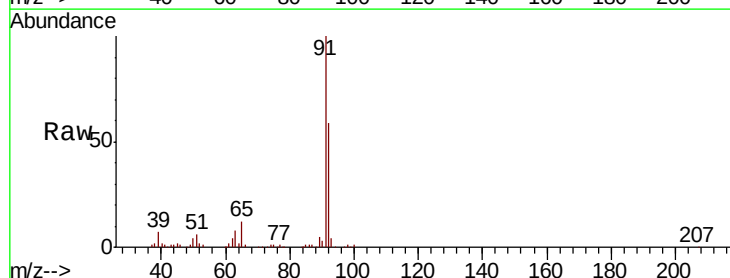
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

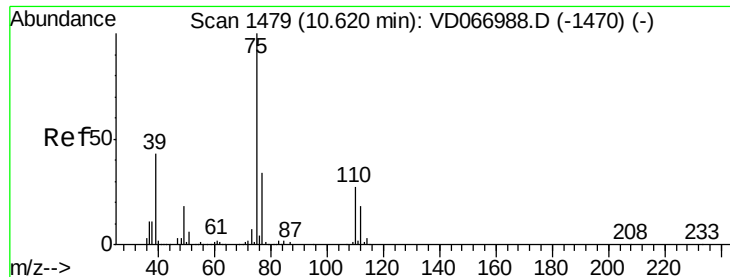
Tot Ion: 43 Resp: 148097
 Ion Ratio Lower Upper
 43 100
 58 43.3 33.8 50.8



#52
 Toluene
 Concen: 21.605 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 92 Resp: 184232
 Ion Ratio Lower Upper
 92 100
 91 169.7 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 21.686 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

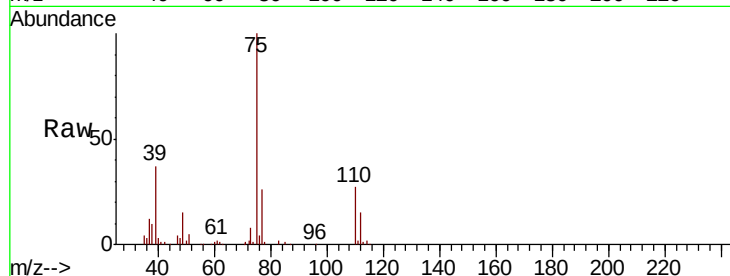
VD1009SBSD01

Tot Ion: 75 Resp: 90062

Ion Ratio Lower Upper

75 100

77 26.2 27.1 40.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

60000

50000

40000

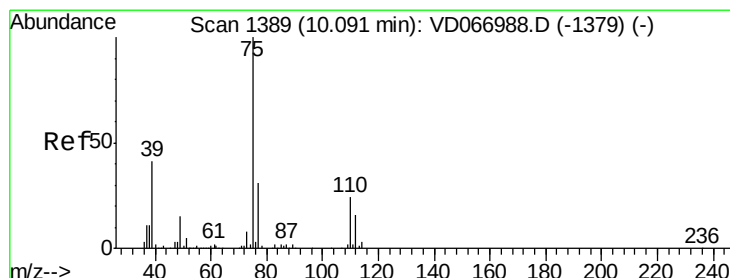
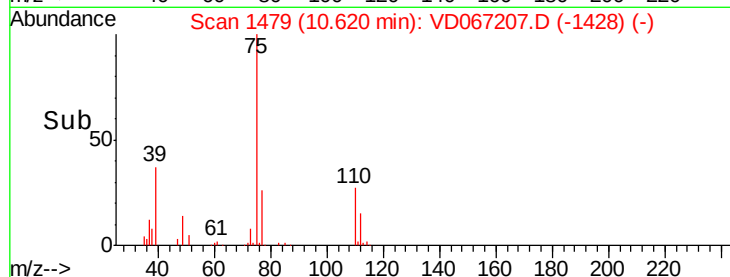
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.868 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

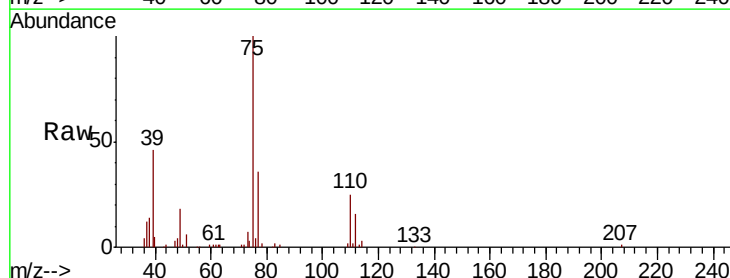
Tgt Ion: 75 Resp: 105826

Ion Ratio Lower Upper

75 100

77 36.2 24.6 37.0

39 46.1 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

10.09

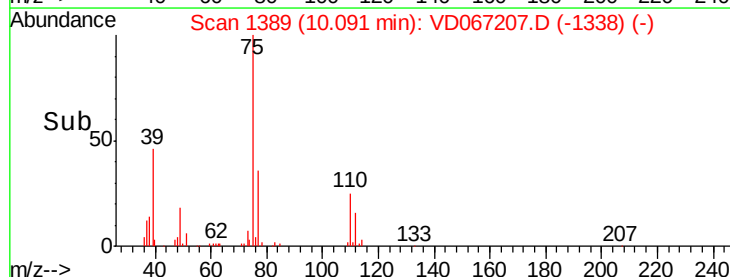
60000

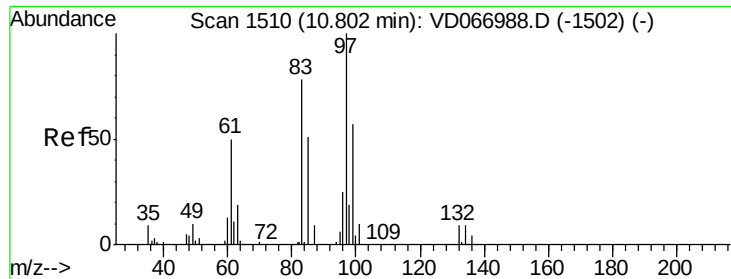
40000

20000

0

Time-->

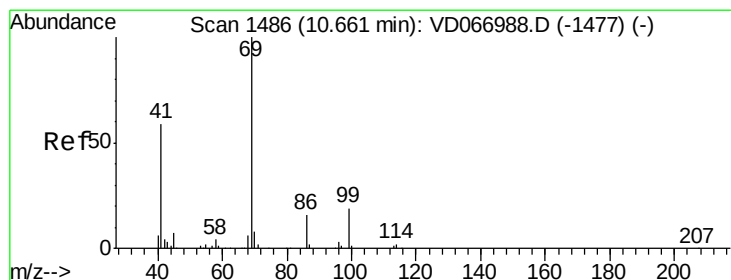
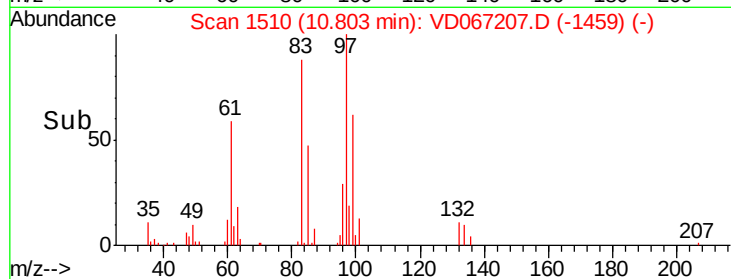
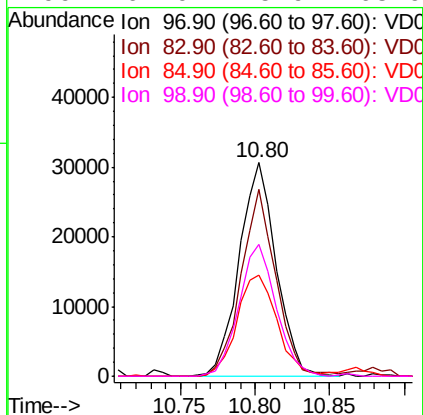
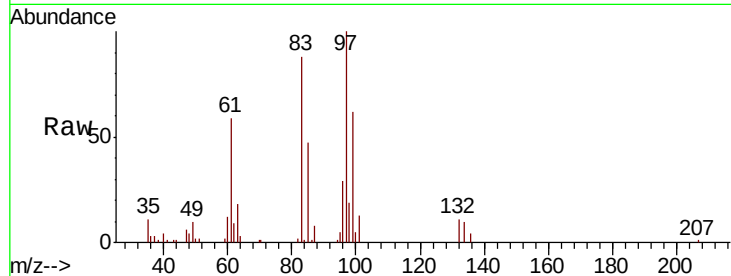




#55
 1,1,2-Trichloroethane
 Concen: 21.124 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

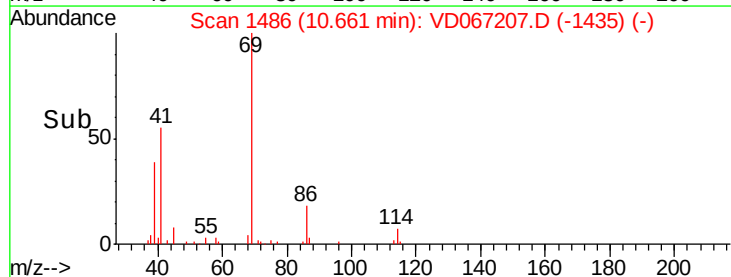
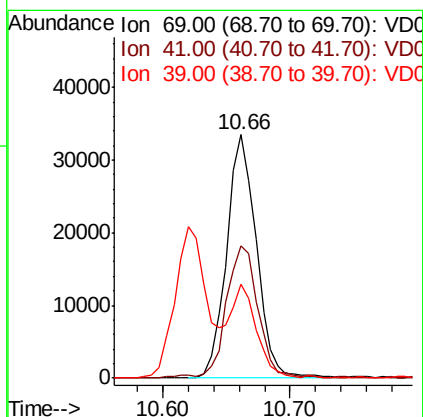
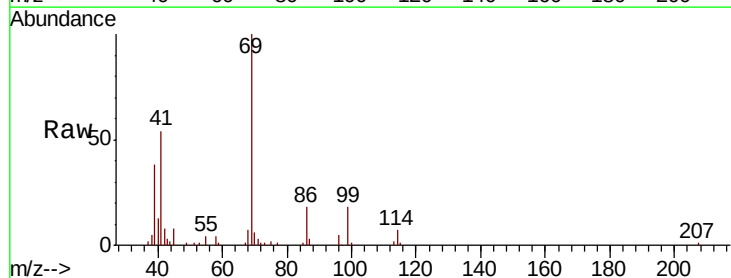
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

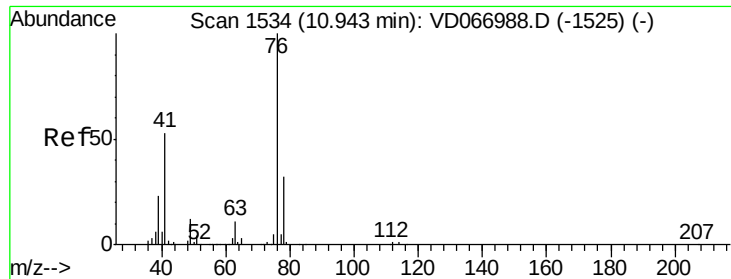
Tot Ion:	97	Resp:	52500
Ion	Ratio	Lower	Upper
97	100		
83	87.5	62.4	93.6
85	47.1	41.0	61.4
99	62.0	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 21.073 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:	69	Resp:	54072
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.4	69.6
39	35.6	23.8	35.6





#57

1,3-Dichloropropane

Concen: 20.552 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

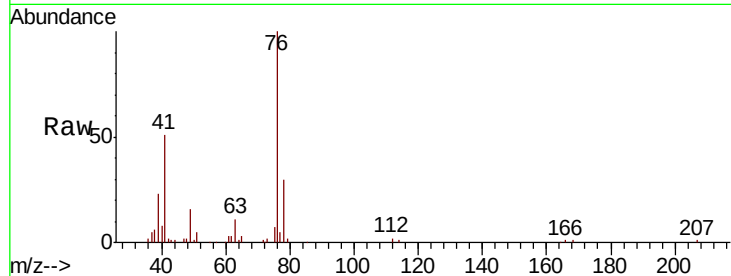
VD1009SBSD01

Tot Ion: 76 Resp: 82831

Ion Ratio Lower Upper

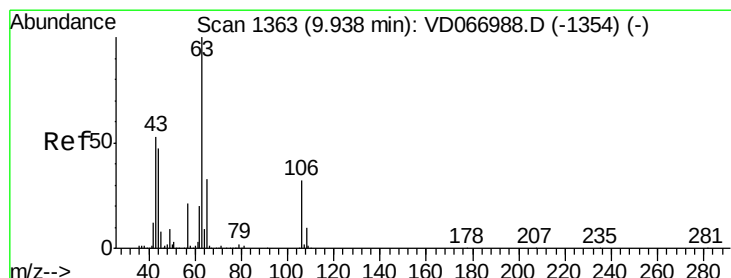
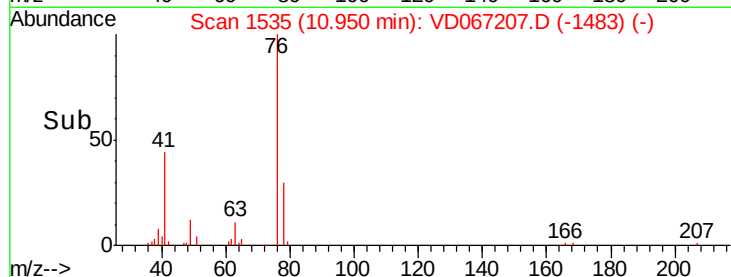
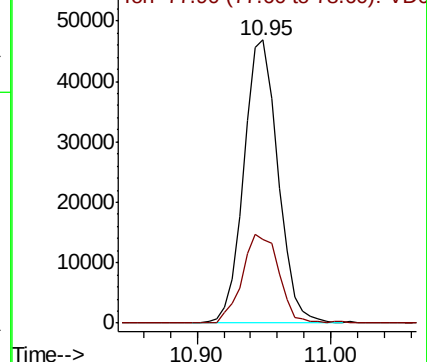
76 100

78 33.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 96.914 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067207.D

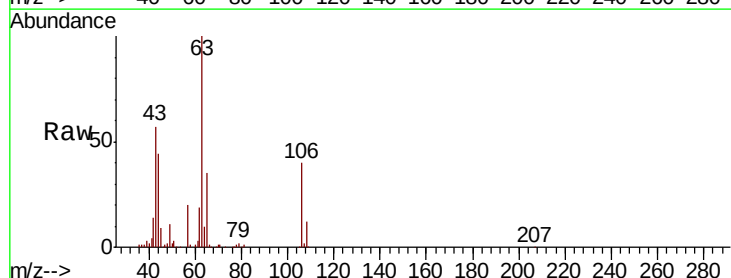
Acq: 09 Oct 2020 13:11

Tgt Ion: 63 Resp: 138410

Ion Ratio Lower Upper

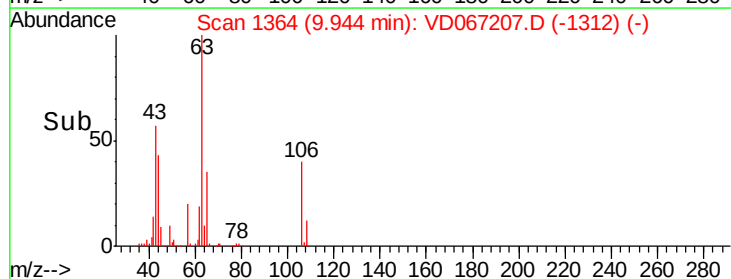
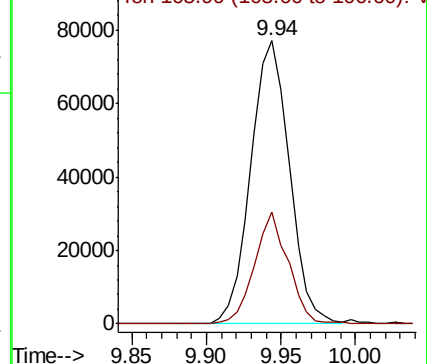
63 100

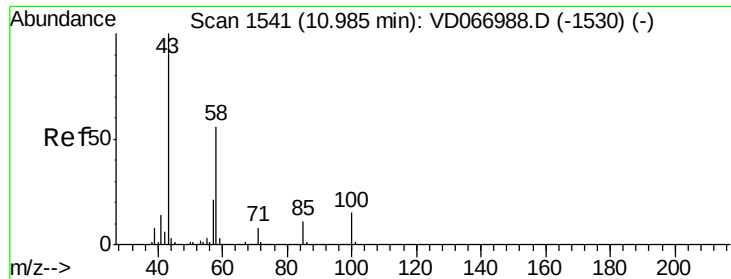
106 34.3 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

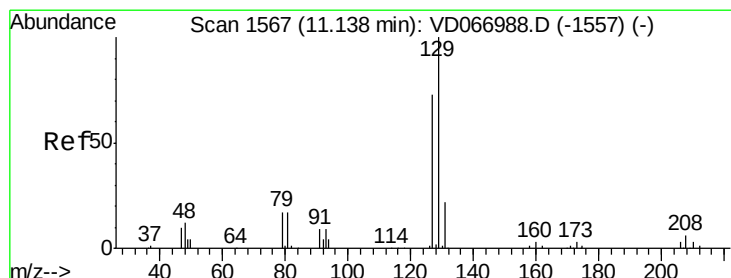
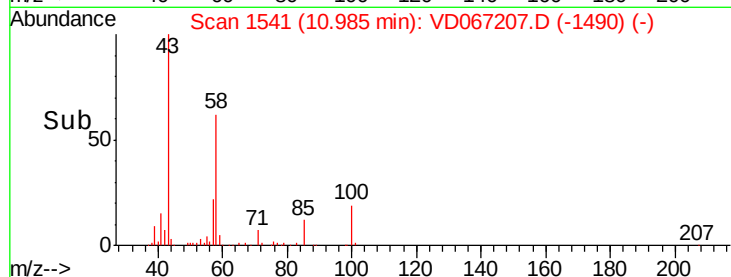
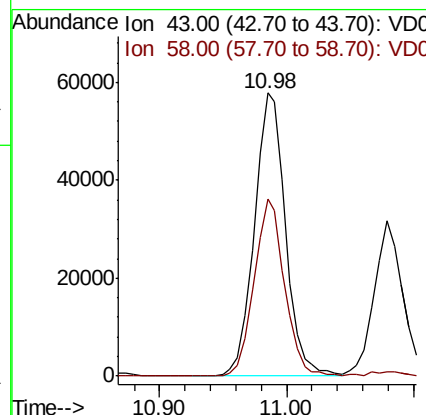
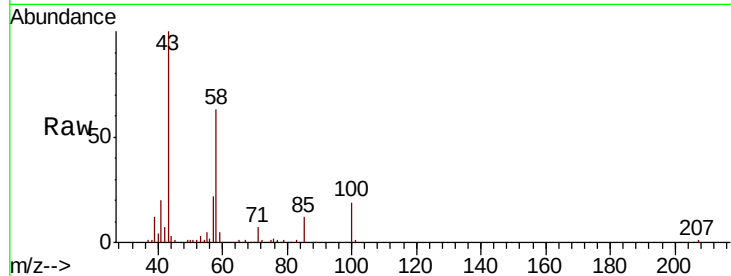




#59
2-Hexanone
Concen: 97.666 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

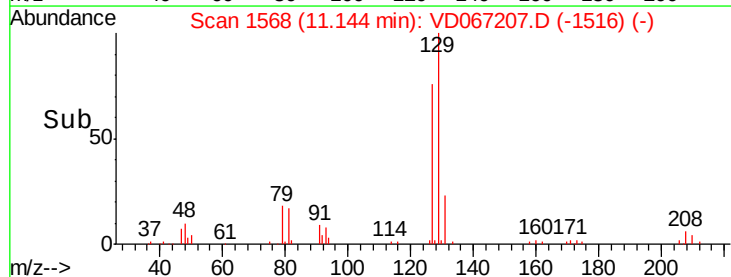
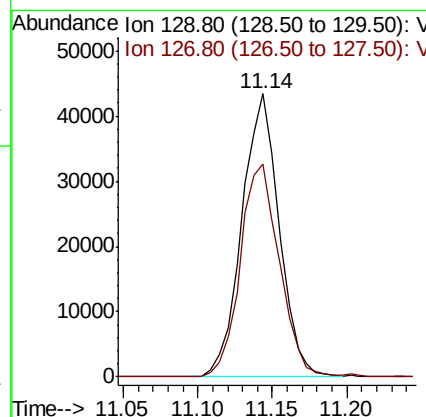
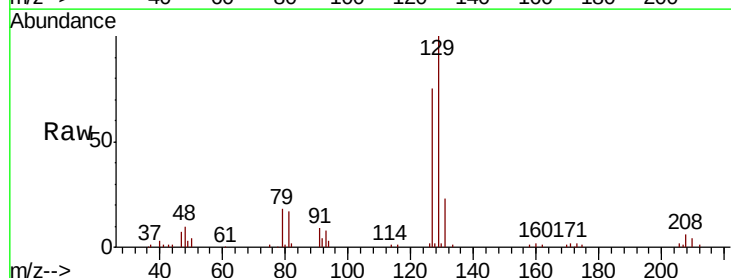
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

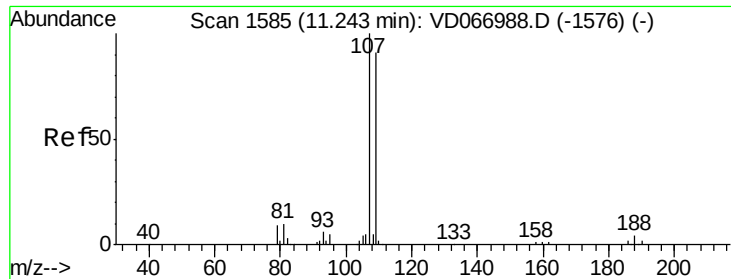
Tot Ion: 43 Resp: 98755
Ion Ratio Lower Upper
43 100
58 60.8 28.3 84.9



#60
Dibromochloromethane
Concen: 22.716 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 129 Resp: 75247
Ion Ratio Lower Upper
129 100
127 78.4 37.4 112.1





#61

1,2-Dibromoethane

Concen: 22.097 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

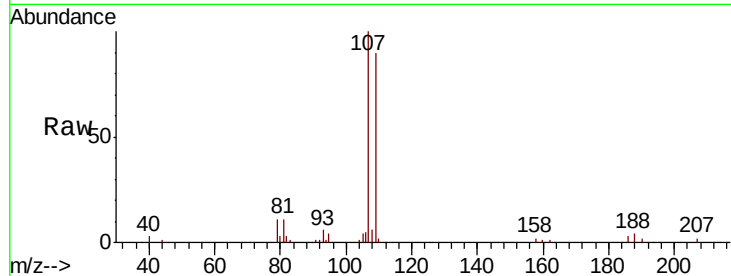
VD1009SBSD01

Tot Ion:107 Resp: 52761

Ion Ratio Lower Upper

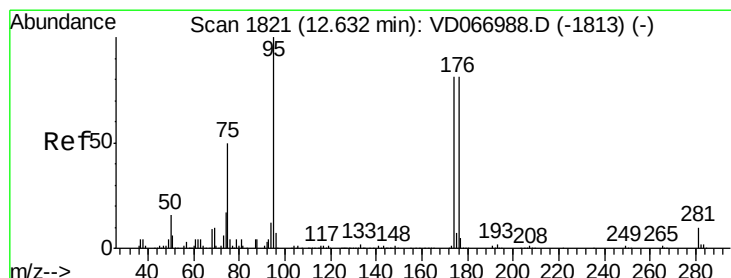
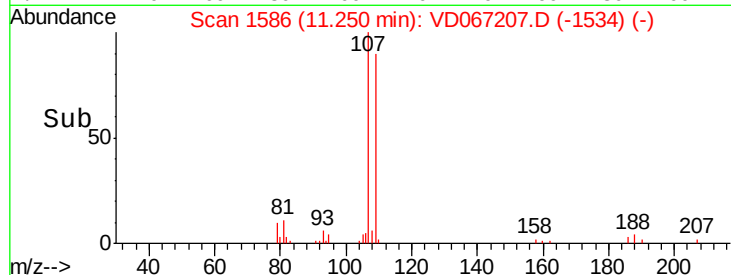
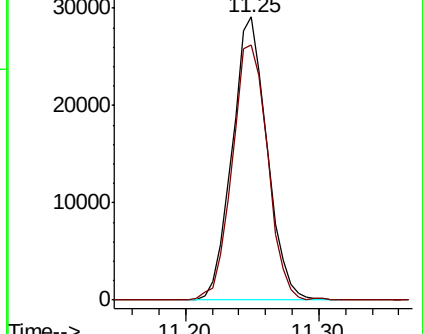
107 100

109 91.7 74.0 111.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.865 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

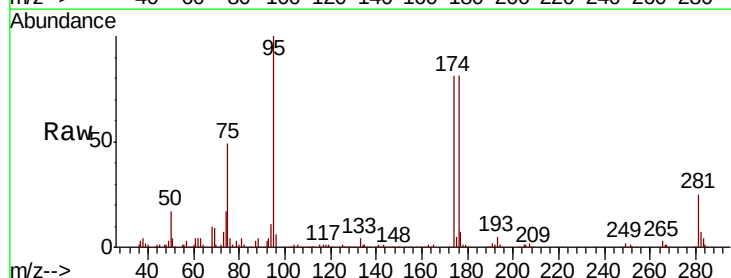
Tgt Ion: 95 Resp: 227178

Ion Ratio Lower Upper

95 100

174 84.3 0.0 167.6

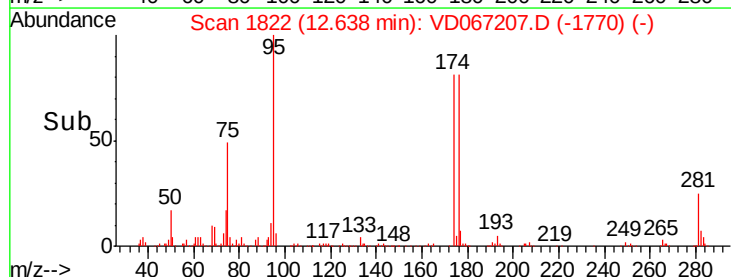
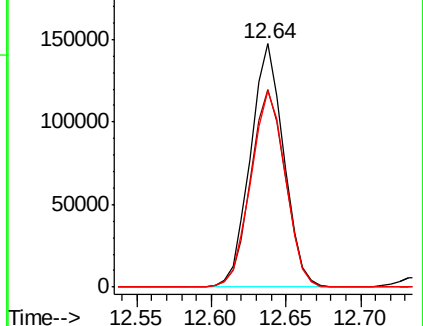
176 83.6 0.0 162.4

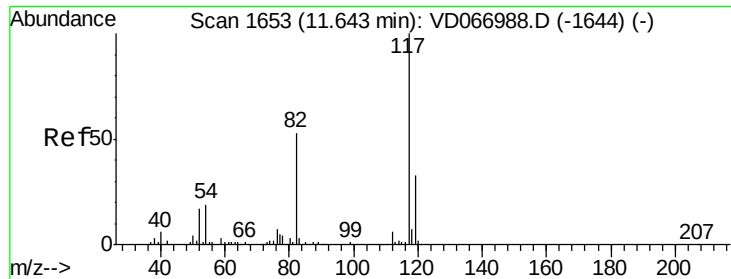


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

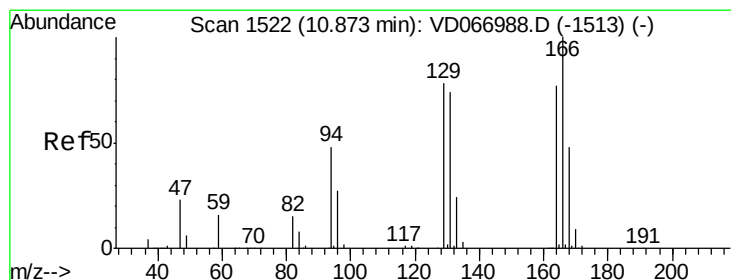
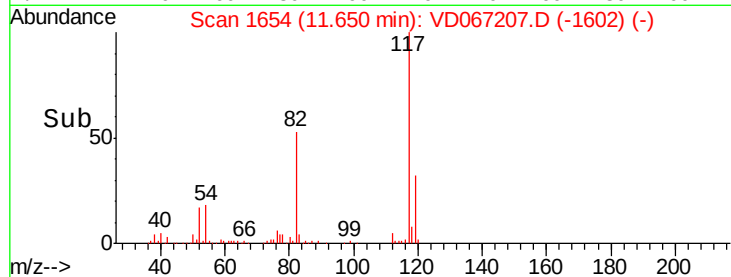
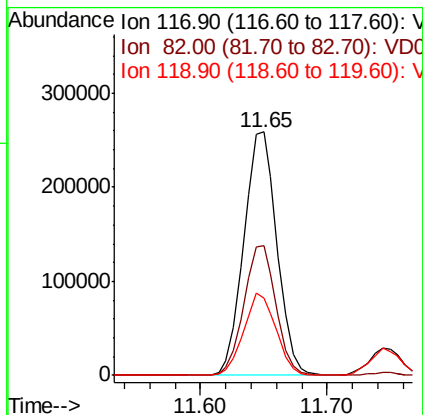
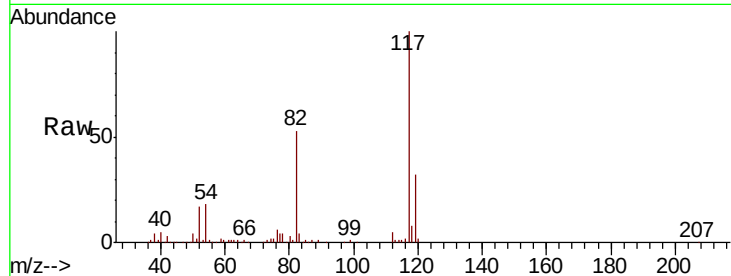




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

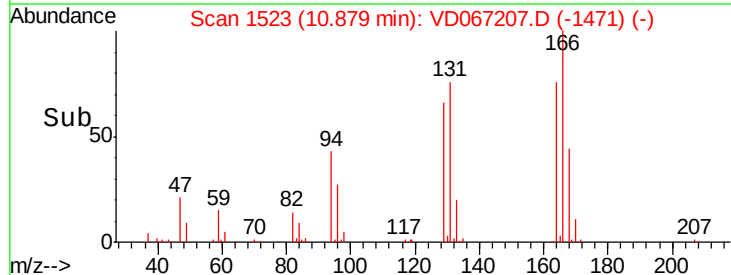
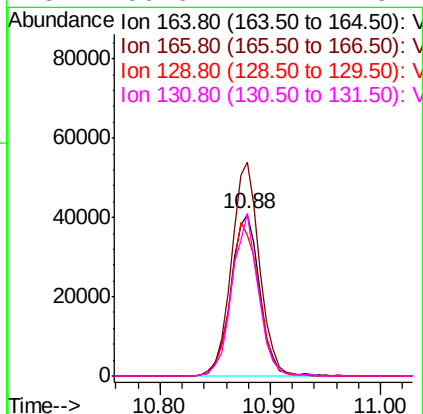
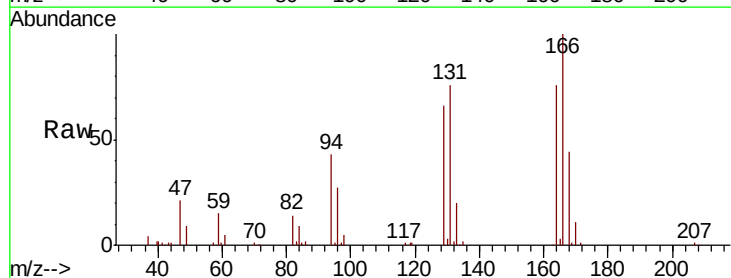
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

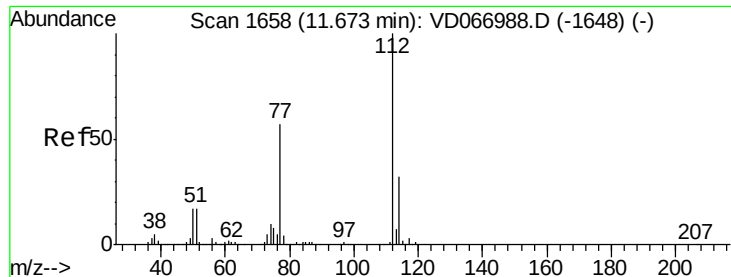
Tot Ion:117 Resp: 470212
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 21.775 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion:164 Resp: 74438
Ion Ratio Lower Upper
164 100
166 132.4 104.4 156.6
129 87.0 81.3 121.9
131 100.6 77.1 115.7

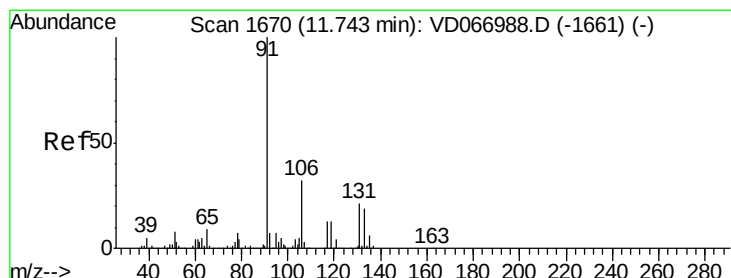
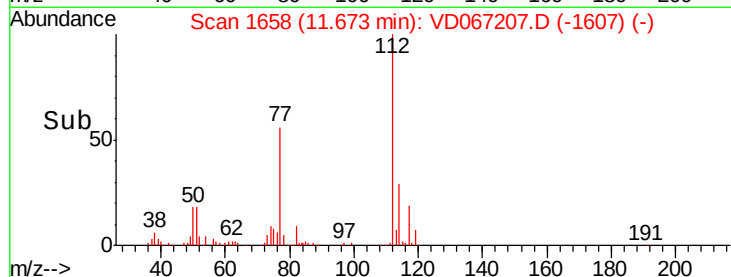
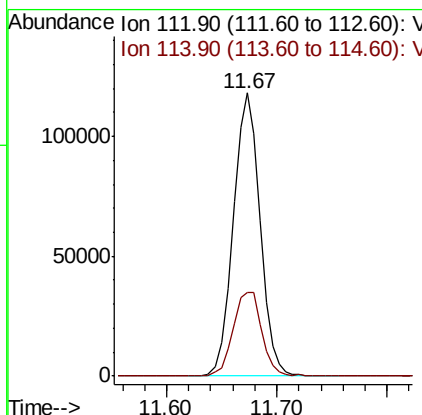
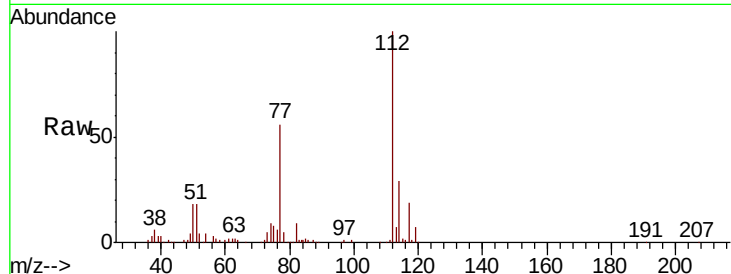




#65
Chlorobenzene
Concen: 21.471 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

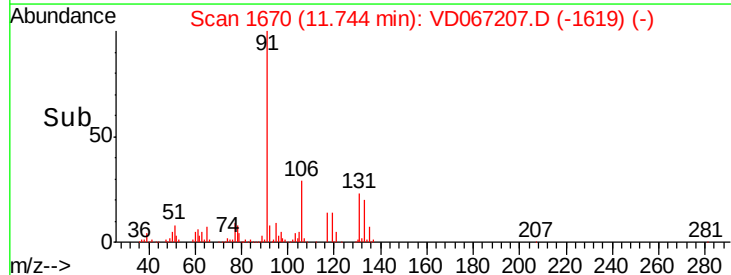
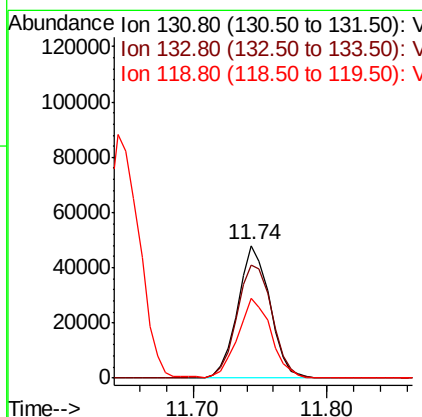
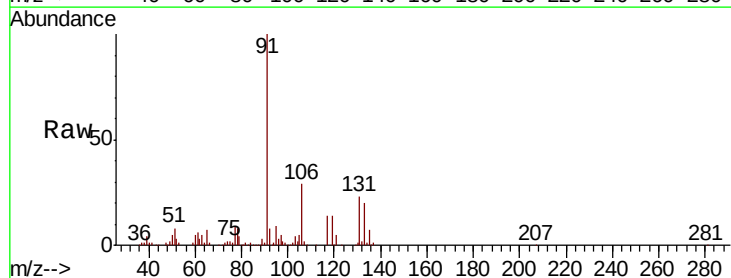
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

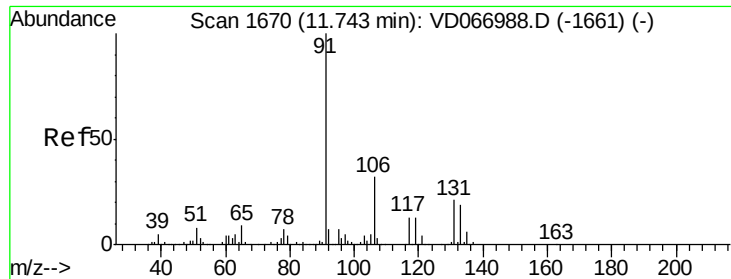
Tot Ion:112 Resp: 200798
Ion Ratio Lower Upper
112 100
114 29.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.559 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion:131 Resp: 80249
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.3
119 61.9 32.3 96.8

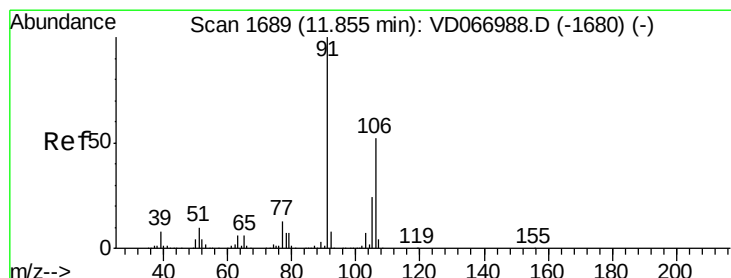
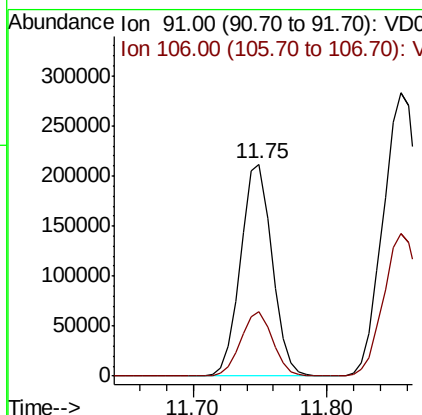
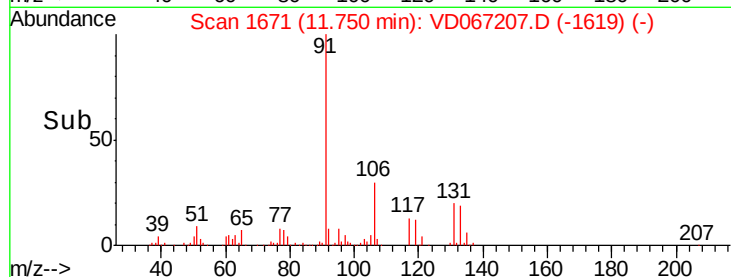
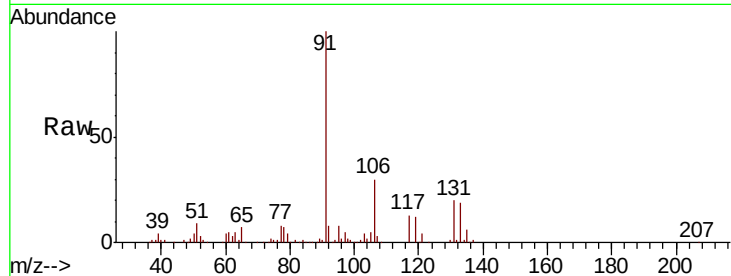




#67
Ethyl Benzene
Concen: 21.583 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

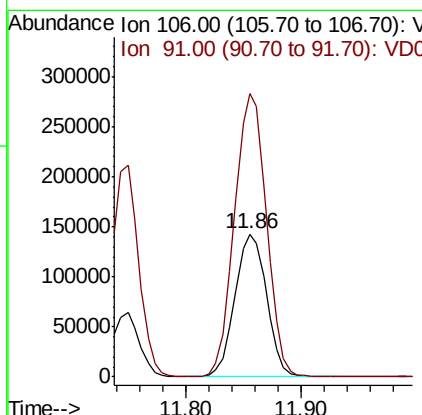
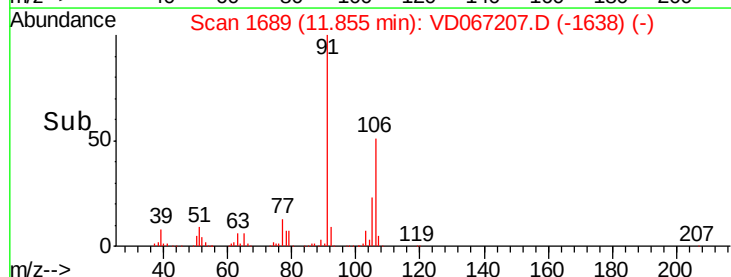
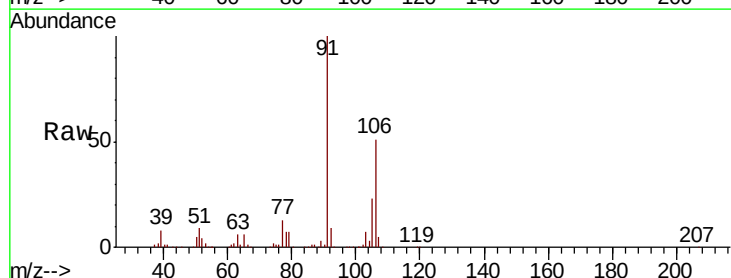
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

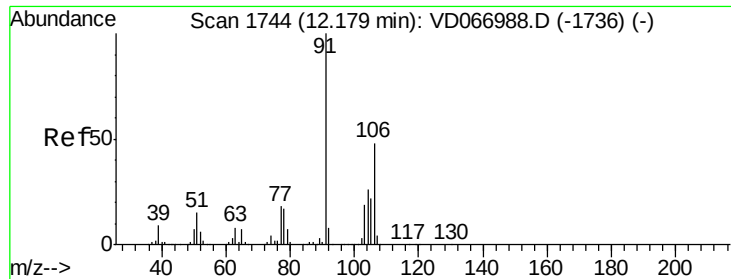
Tot Ion: 91 Resp: 345841
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.2



#68
m/p-Xylenes
Concen: 43.566 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 106 Resp: 272056
Ion Ratio Lower Upper
106 100
91 199.9 158.4 237.6

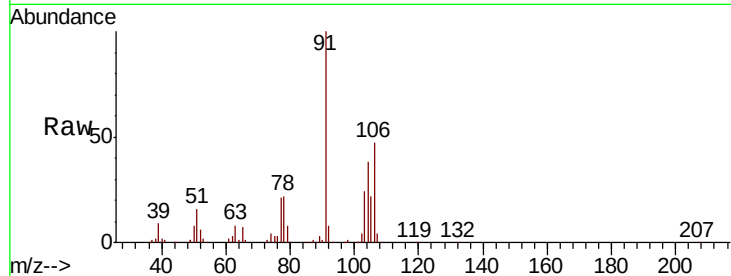




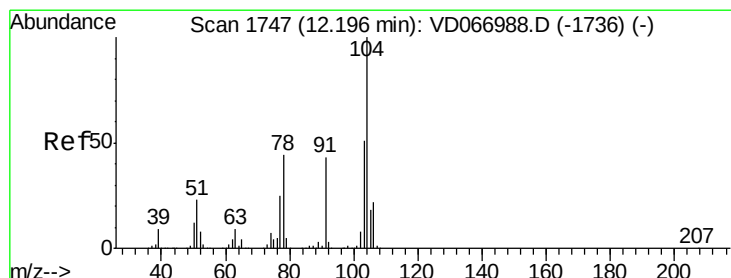
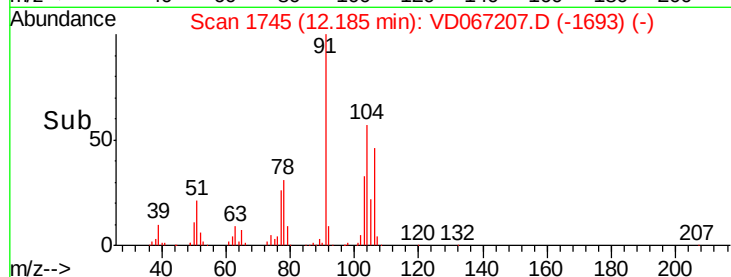
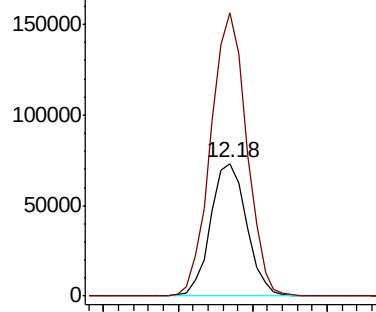
#69
o-Xylene
Concen: 21.970 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion:106 Resp: 122688
Ion Ratio Lower Upper
106 100
91 212.7 102.4 307.2

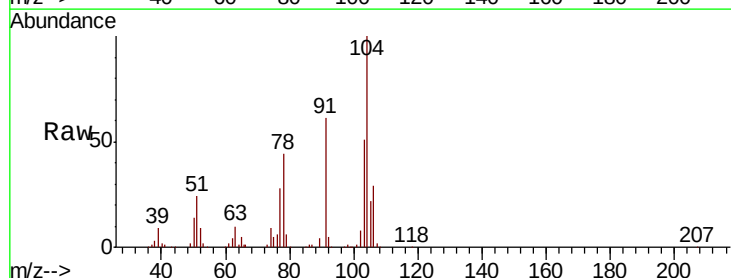


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

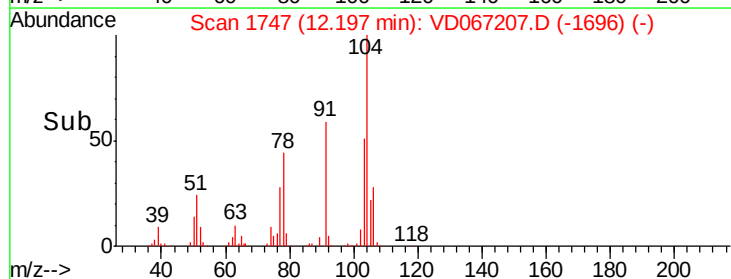
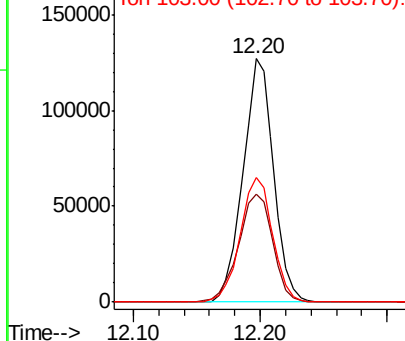


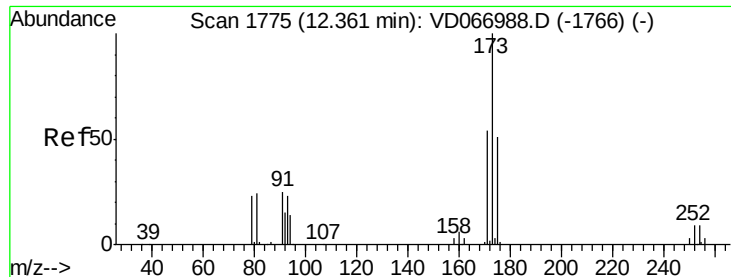
#70
Styrene
Concen: 22.186 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion:104 Resp: 212743
Ion Ratio Lower Upper
104 100
78 49.6 38.6 58.0
103 54.3 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 22.634 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBSD01

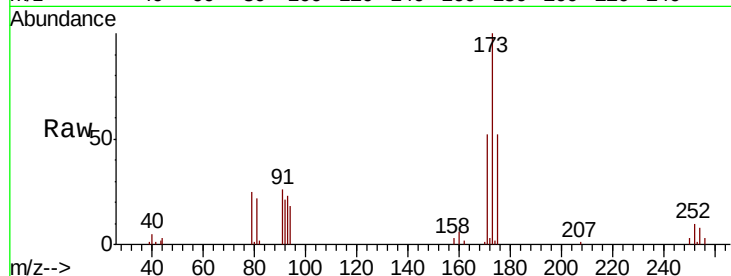
Tot Ion:173 Resp: 41795

Ion Ratio Lower Upper

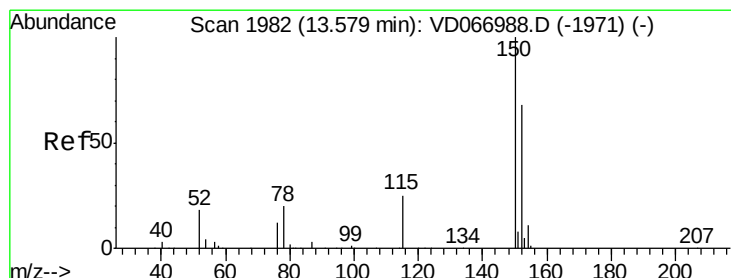
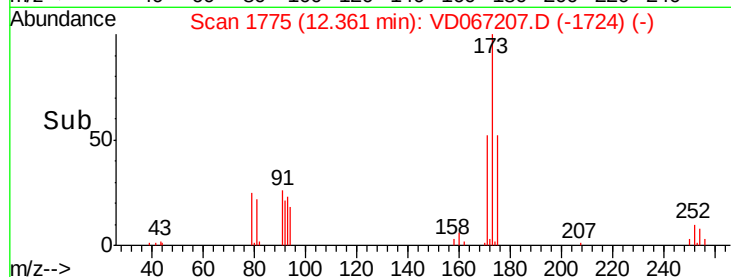
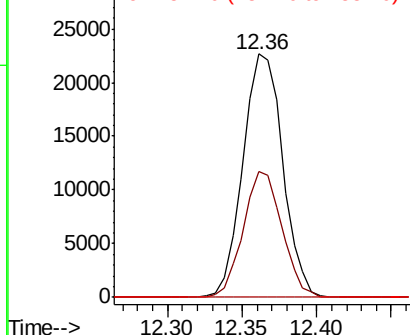
173 100

175 50.2 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: VD067207.D

Acq: 09 Oct 2020 13:11

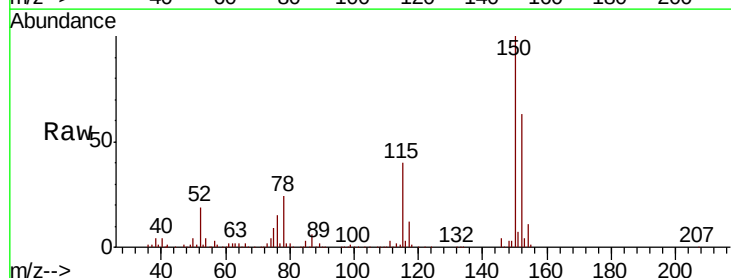
Tgt Ion:152 Resp: 237850

Ion Ratio Lower Upper

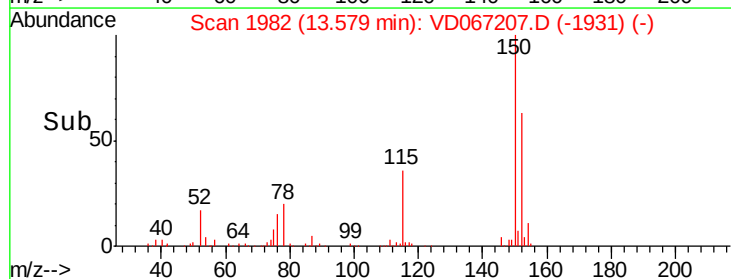
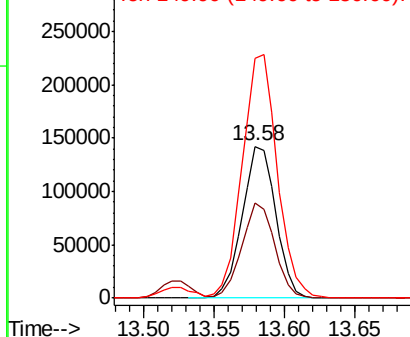
152 100

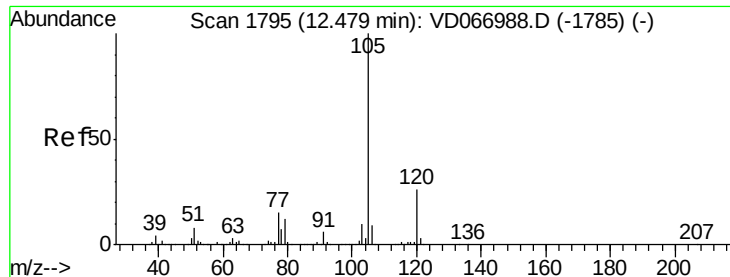
115 61.2 29.6 88.8

150 166.9 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: 21.450 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

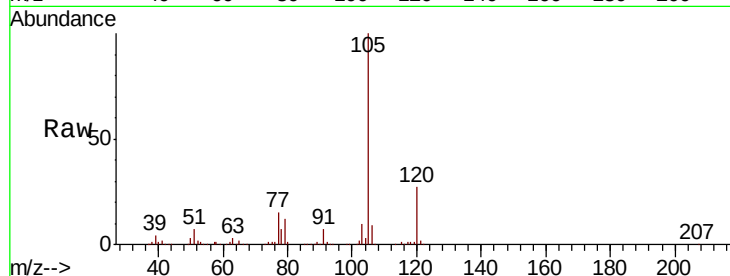
VD1009SBSD01

Tot Ion:105 Resp: 346433

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

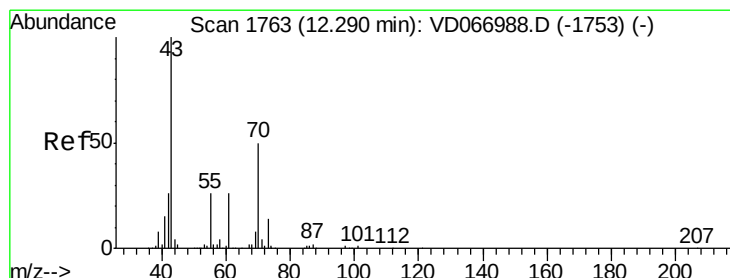
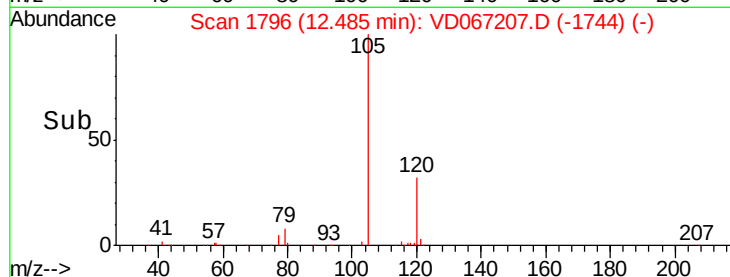
0

12.40

12.48

12.50

Time-->



#74

N-ethyl acetate

Concen: 18.174 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Tgt Ion: 43 Resp: 52765

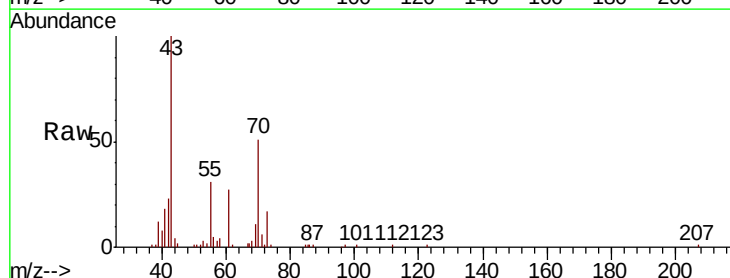
Ion Ratio Lower Upper

43 100

70 51.2 38.2 57.2

55 32.2 22.4 33.6

61 27.2 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

50000

40000

30000

20000

10000

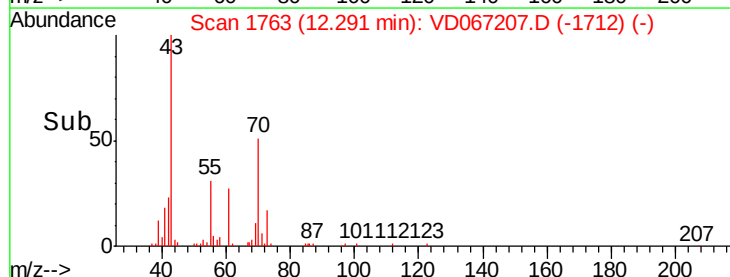
0

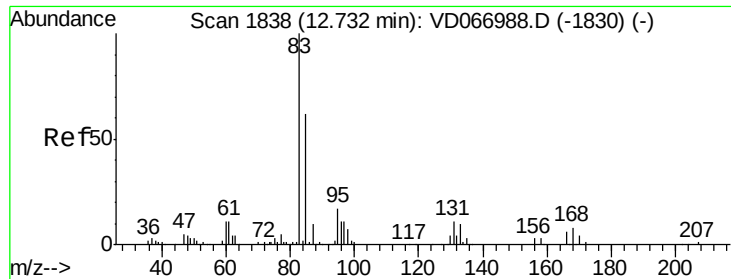
12.25

12.29

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.076 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBSD01

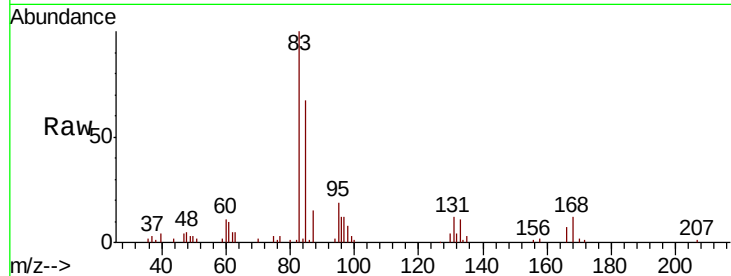
Tot Ion: 83 Resp: 54628

Ion Ratio Lower Upper

83 100

131 13.1 5.7 17.0

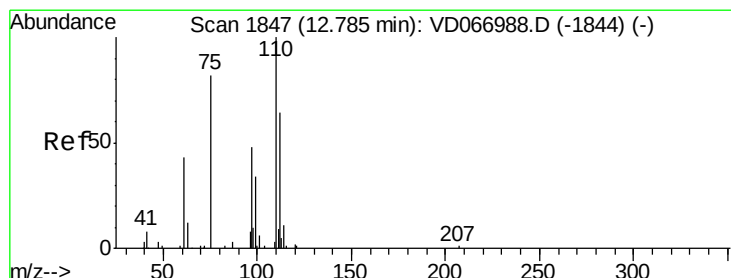
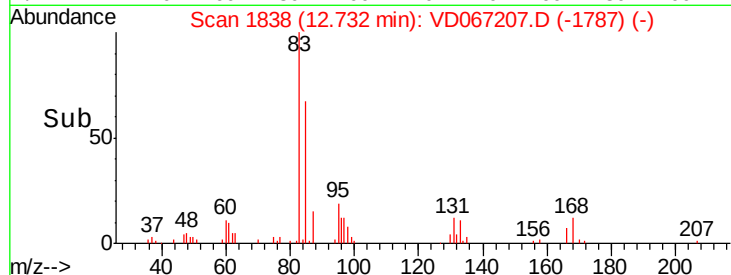
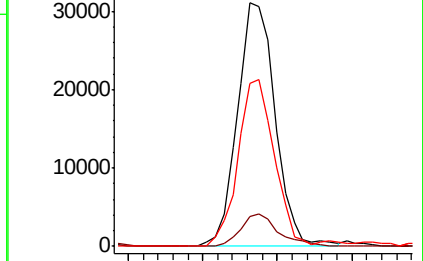
85 65.3 32.0 96.2



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: 34.422 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD067207.D

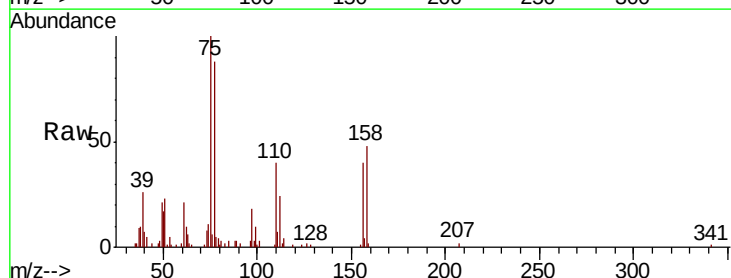
Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 71314

Ion Ratio Lower Upper

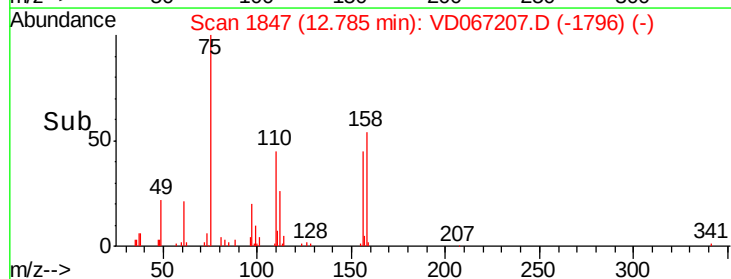
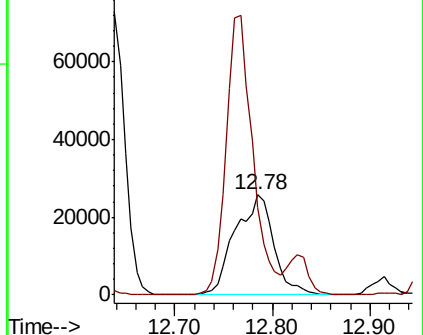
75 100

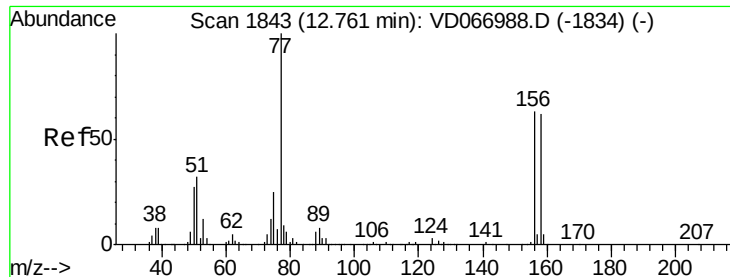
77 191.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.819 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD1009SBSD01

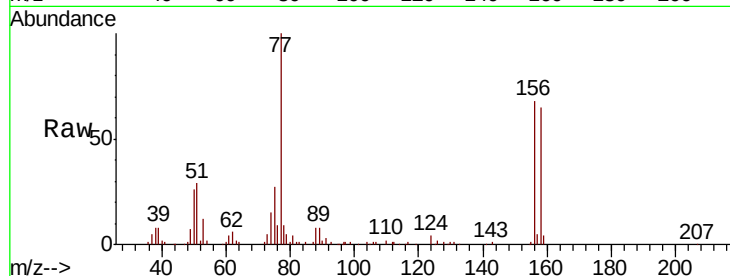
Tot Ion:156 Resp: 85089

Ion Ratio Lower Upper

156 100

77 160.9 86.3 258.8

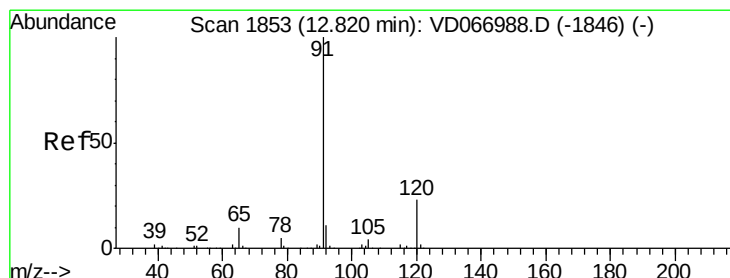
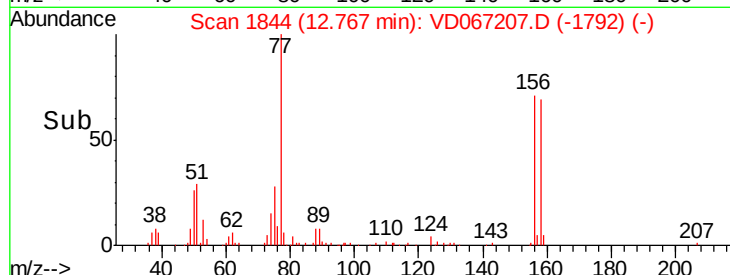
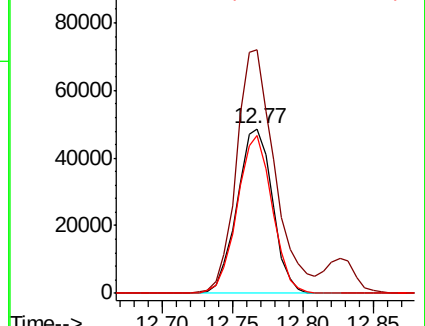
158 94.8 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.834 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067207.D

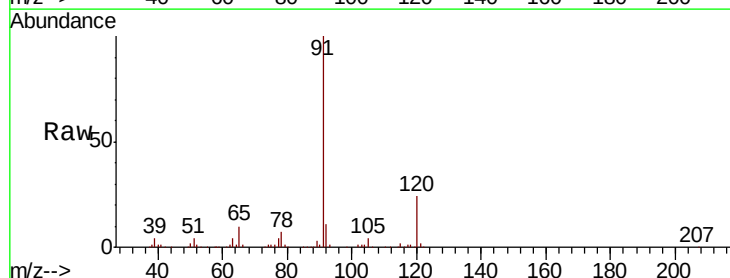
Acq: 09 Oct 2020 13:11

Tgt Ion: 91 Resp: 397663

Ion Ratio Lower Upper

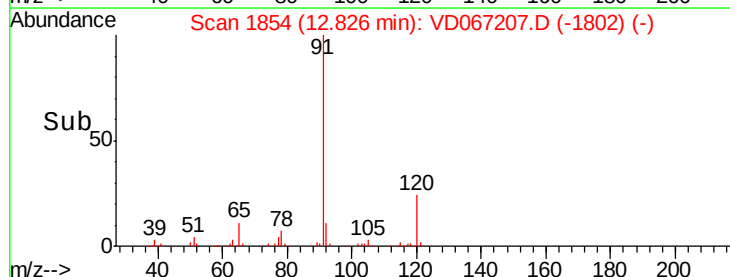
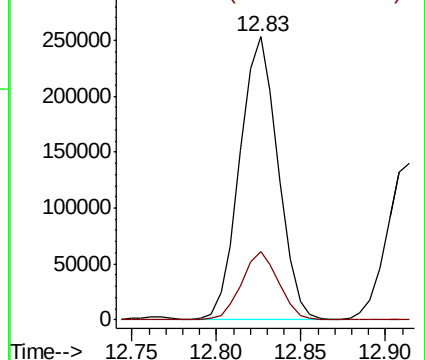
91 100

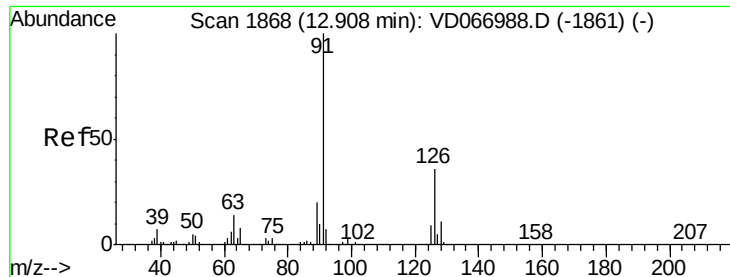
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.008 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD067207.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

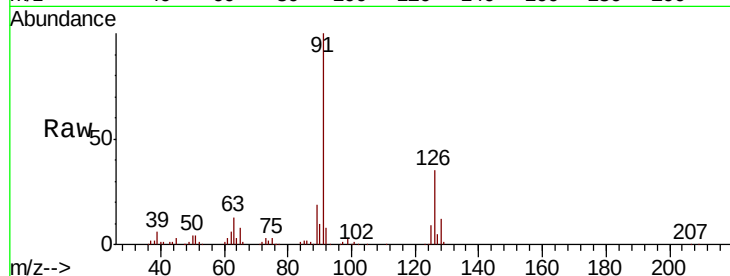
VD1009SBSD01

Tot Ion: 91 Resp: 229421

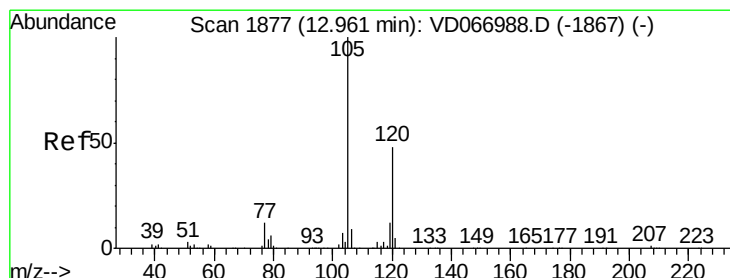
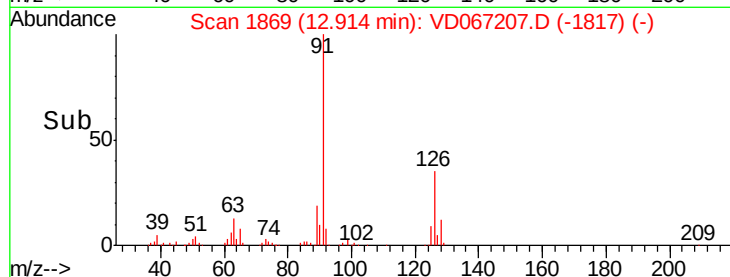
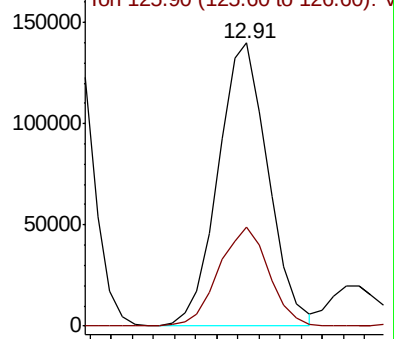
Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066988.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.645 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD067207.D

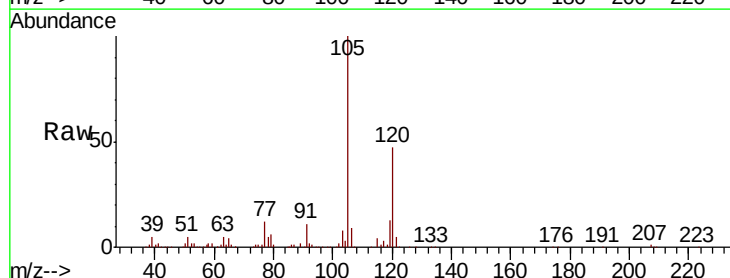
Acq: 09 Oct 2020 13:11

Tgt Ion:105 Resp: 295352

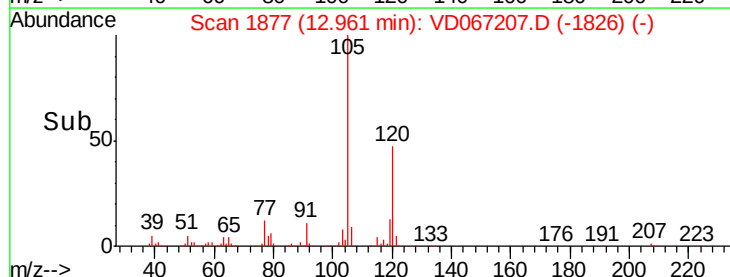
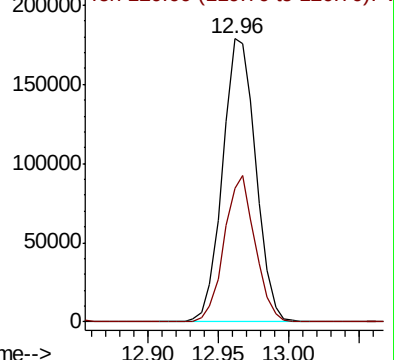
Ion Ratio Lower Upper

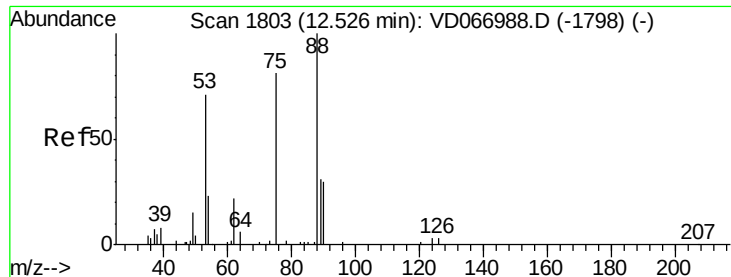
105 100

120 48.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VD066988.D (-1867) (-)

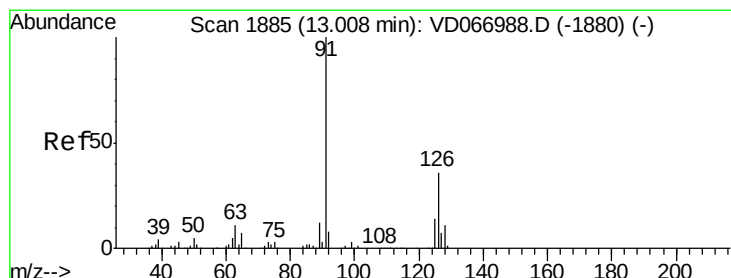
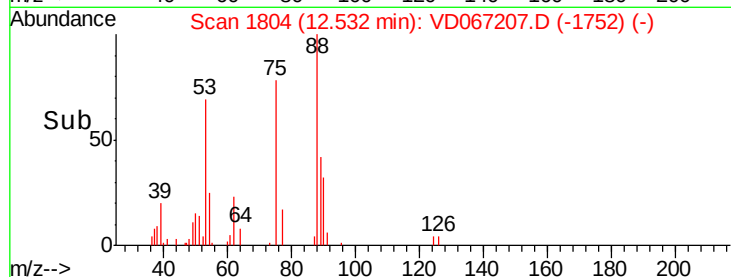
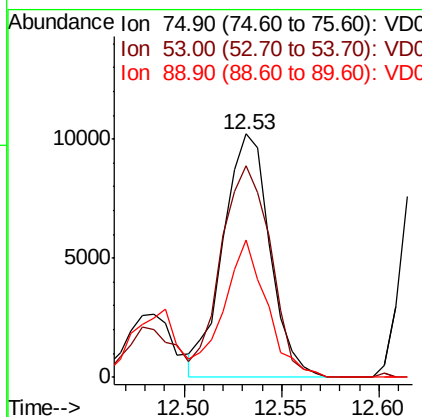
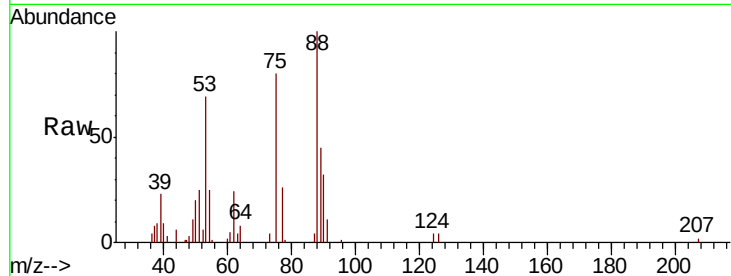




#81
trans-1,4-Dichloro-2-butene
Concen: 20.411 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

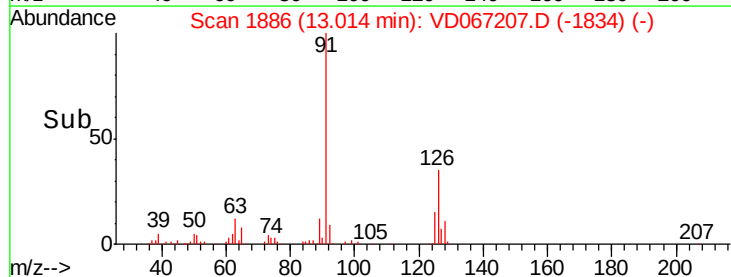
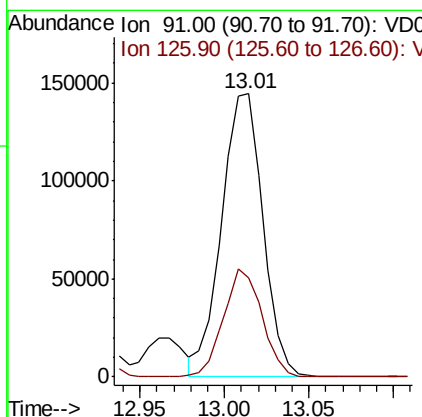
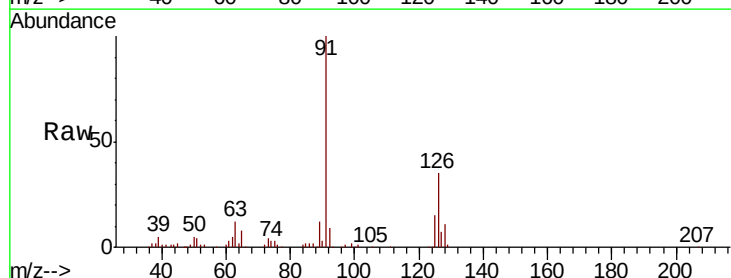
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

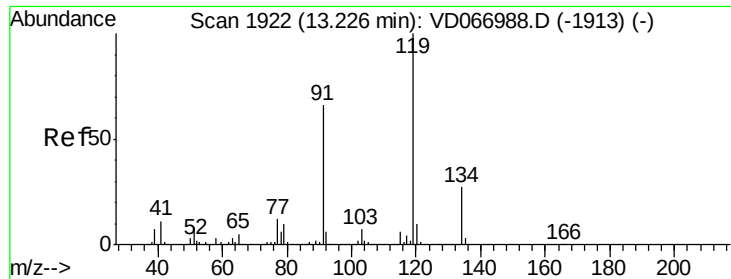
Tot Ion: 75 Resp: 16961
Ion Ratio Lower Upper
75 100
53 92.2 73.8 110.6
89 52.3 38.9 58.3



#82
4-Chlorotoluene
Concen: 21.162 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 91 Resp: 245875
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

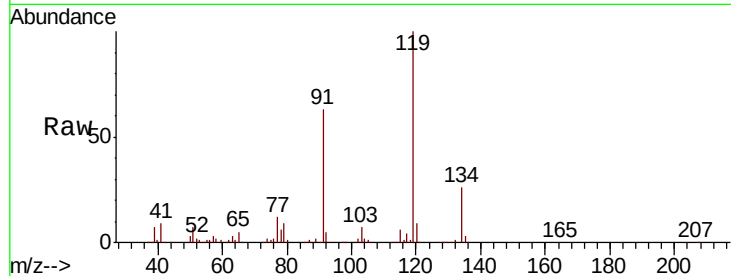




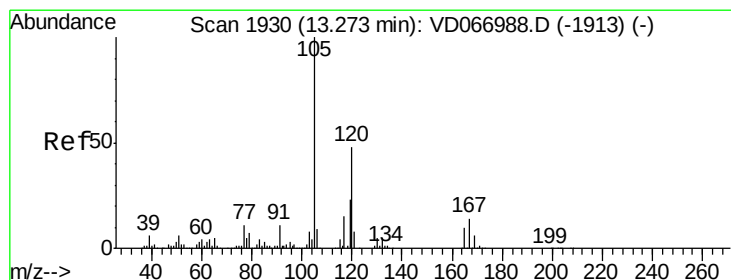
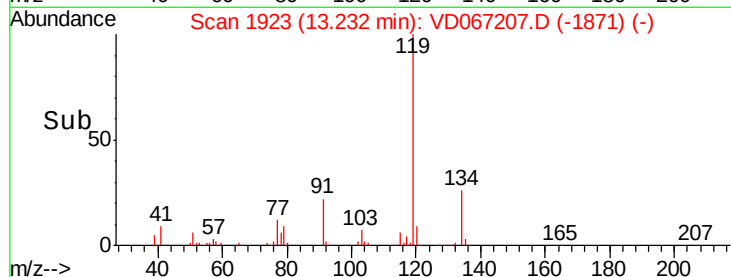
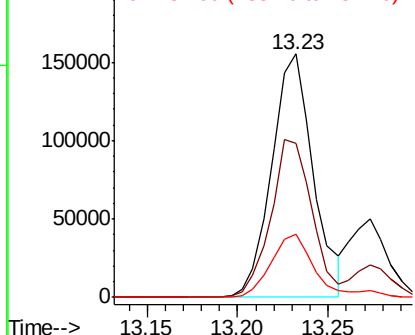
#83
tert-Butylbenzene
Concen: 21.622 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion:119 Resp: 248452
Ion Ratio Lower Upper
119 100
91 64.4 32.8 98.3
134 28.1 13.9 41.7

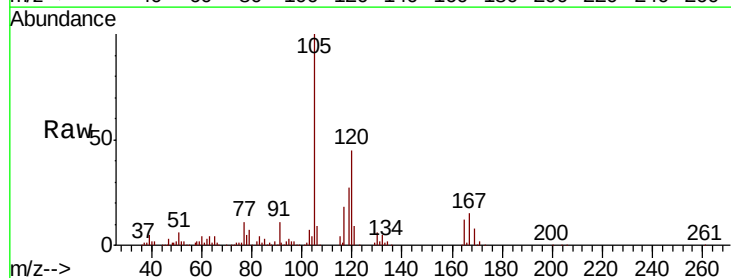


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

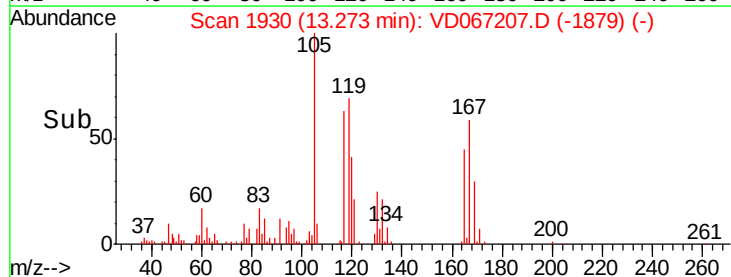
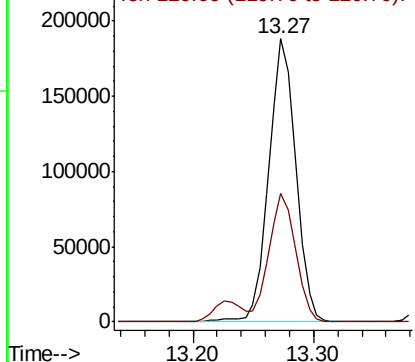


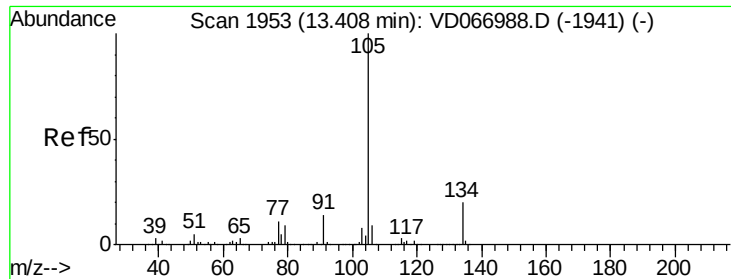
#84
1,2,4-Trimethylbenzene
Concen: 21.553 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion:105 Resp: 293500
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8



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

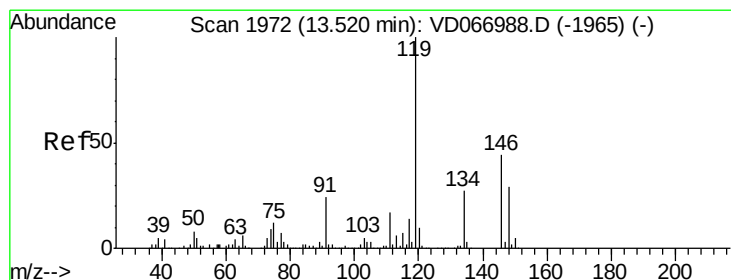
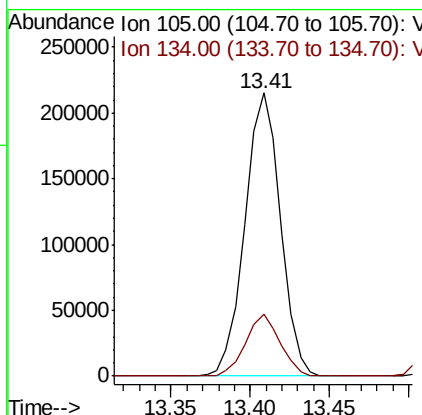
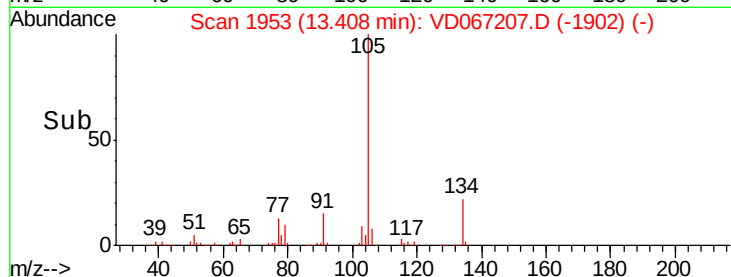
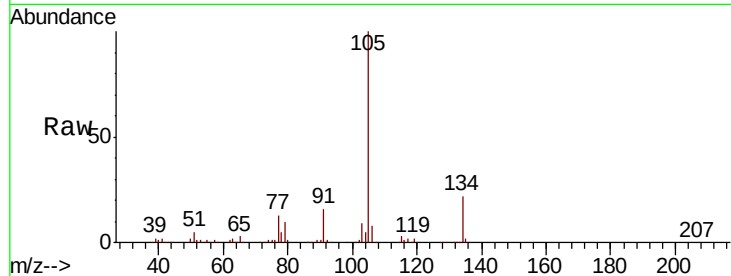




#85
 sec-Butylbenzene
 Concen: 20.740 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

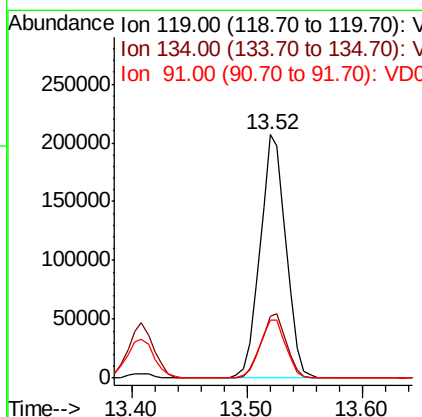
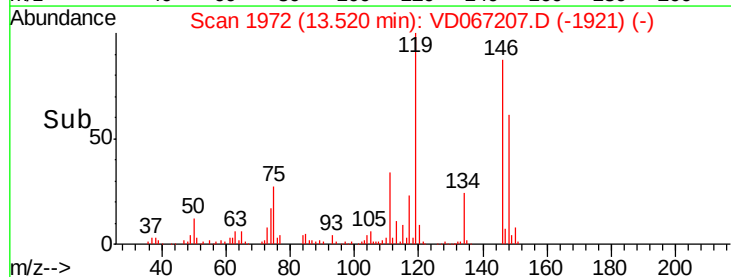
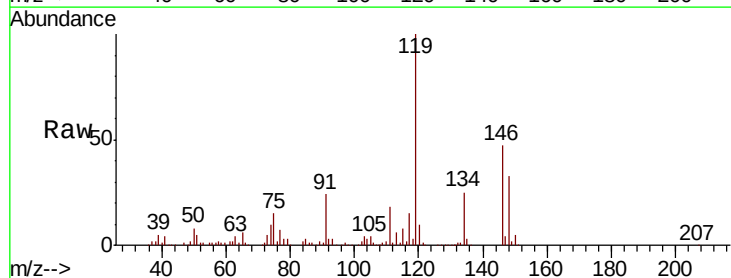
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

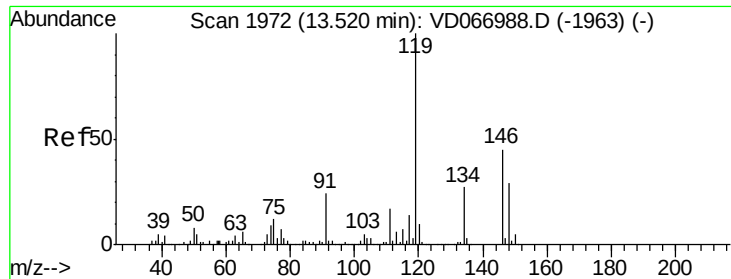
Tot Ion:105 Resp: 335599
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.526 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:119 Resp: 322939
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 24.1 11.7 35.1

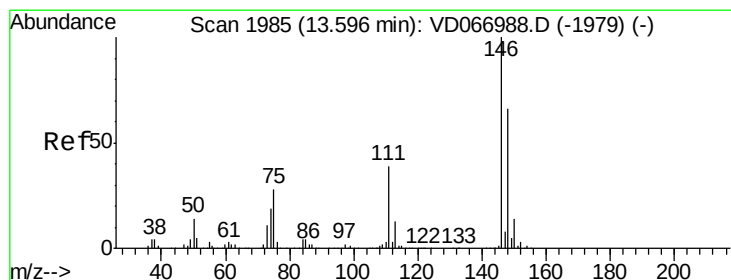
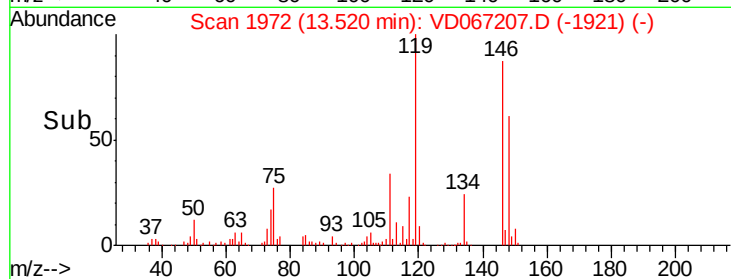
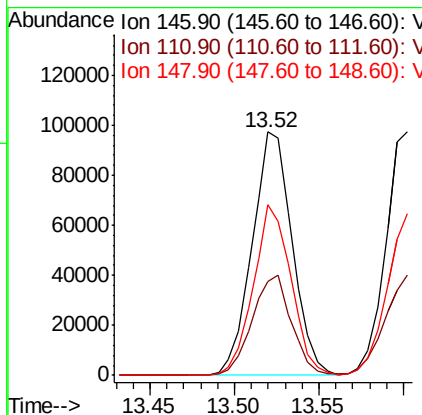
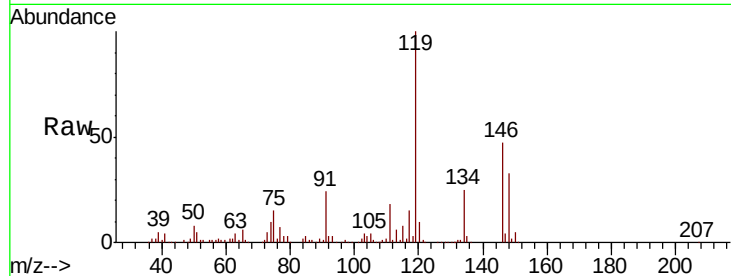




#87
 1,3-Dichlorobenzene
 Concen: 21.104 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

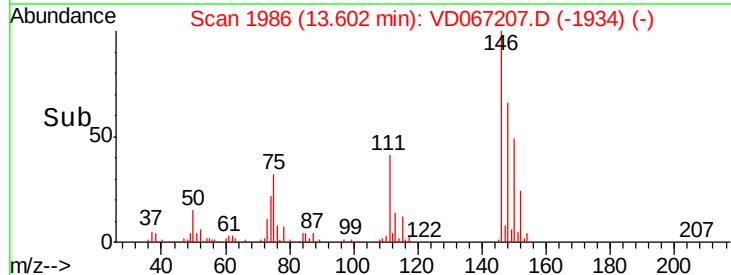
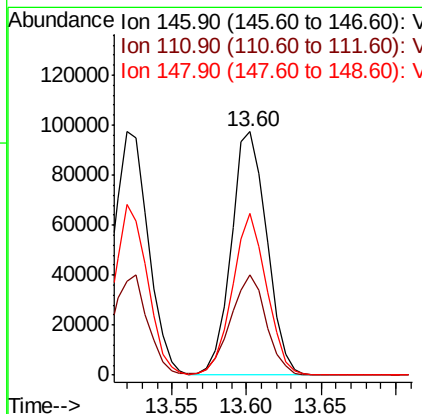
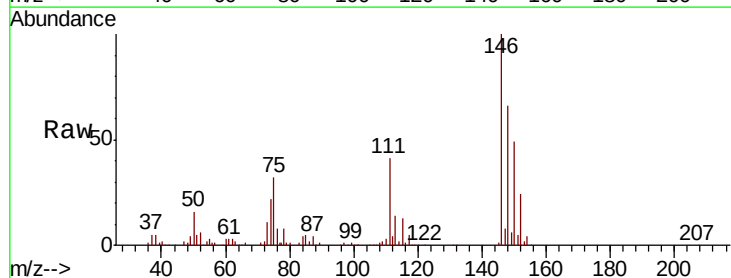
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

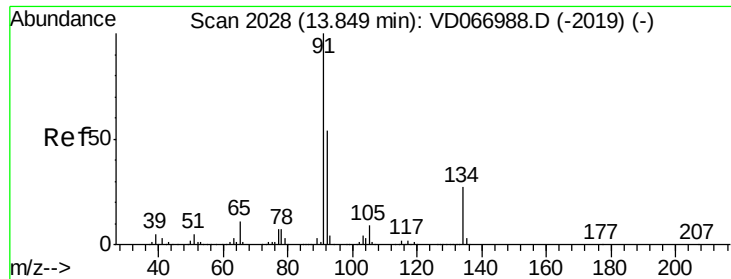
Tot Ion:146 Resp: 160305
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.0 60.0
 148 65.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.336 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:146 Resp: 162050
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.6 58.7
 148 63.5 32.6 97.7

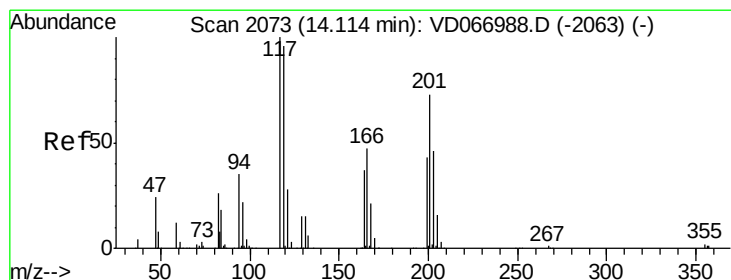
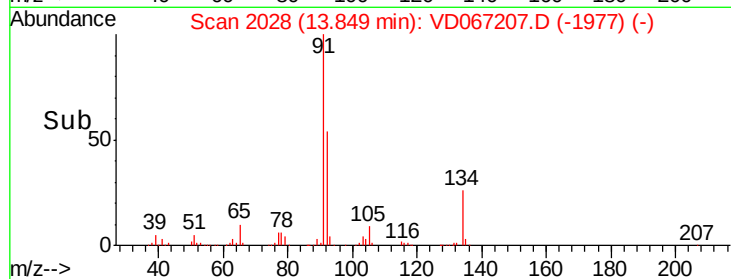
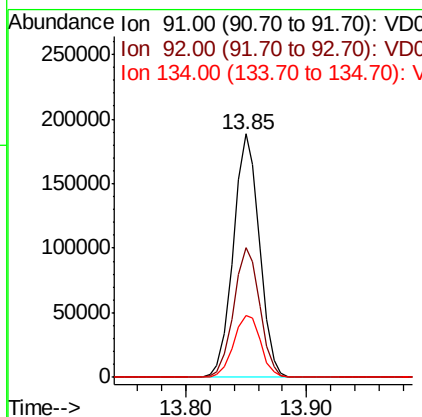
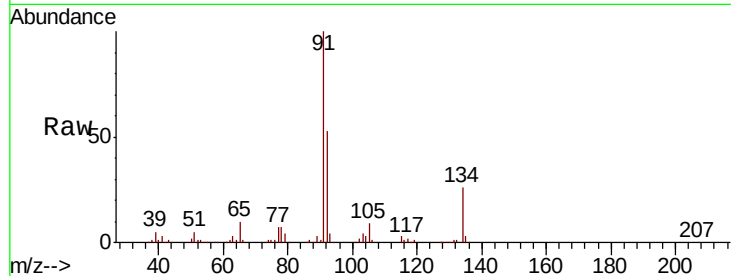




#89
n-Butylbenzene
Concen: 20.663 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

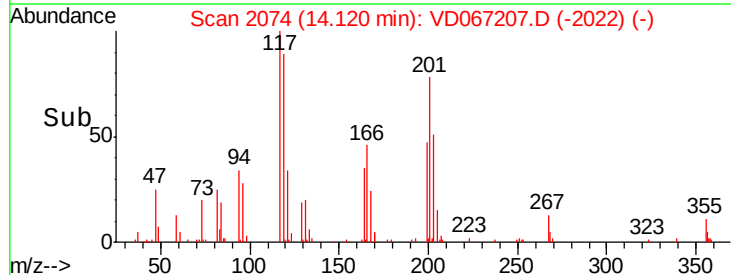
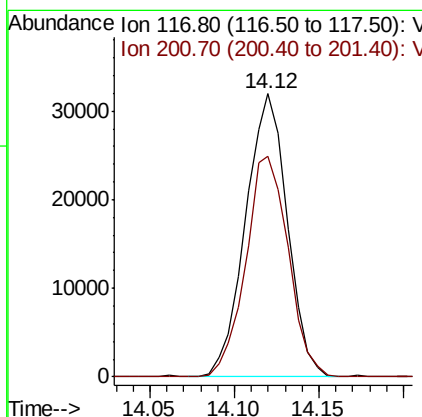
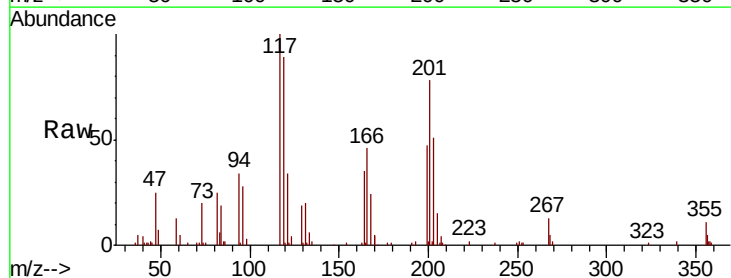
Instrument :
MSVOA_D
ClientSampleId :
VD1009SBS01

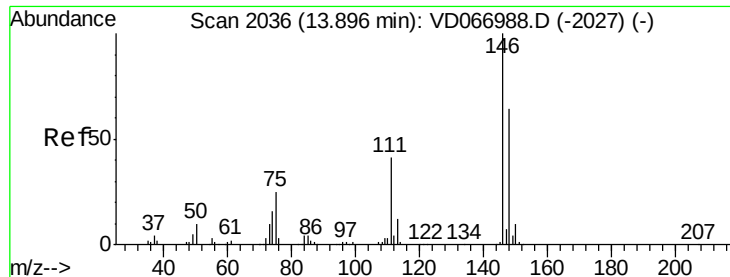
Tot Ion: 91 Resp: 283301
Ion Ratio Lower Upper
91 100
92 53.1 27.1 81.2
134 26.5 13.6 40.8



#90
Hexachloroethane
Concen: 20.882 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 117 Resp: 54876
Ion Ratio Lower Upper
117 100
201 79.5 37.0 110.9

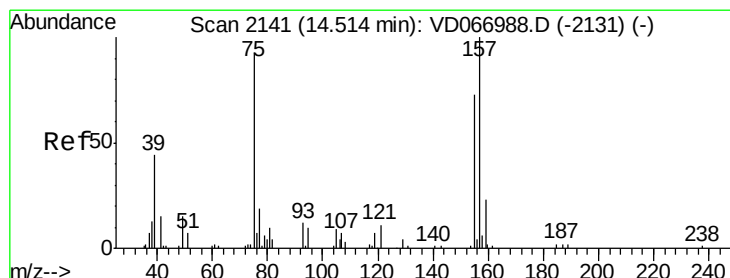
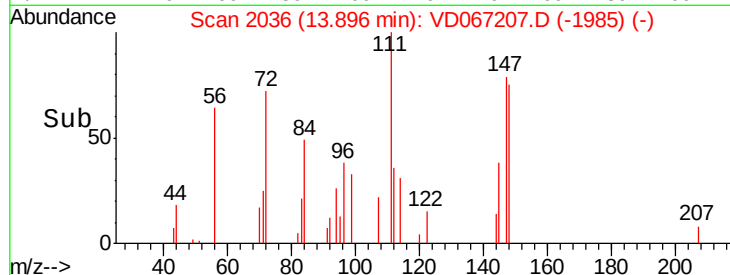
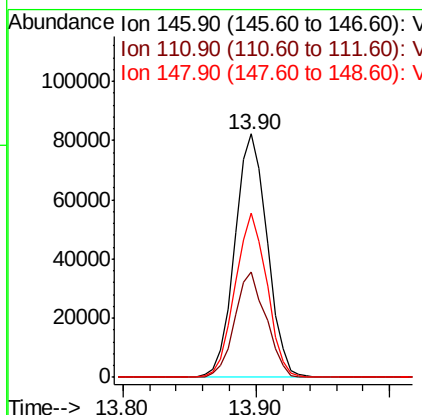
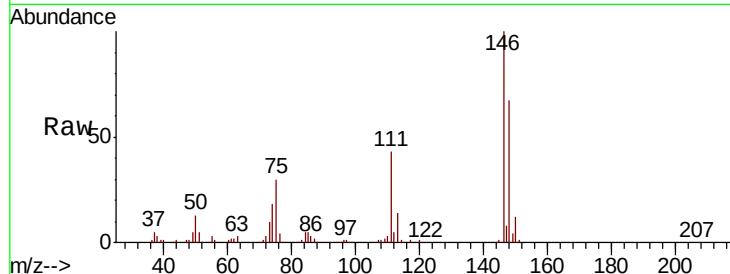




#91
 1,2-Dichlorobenzene
 Concen: 20.816 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

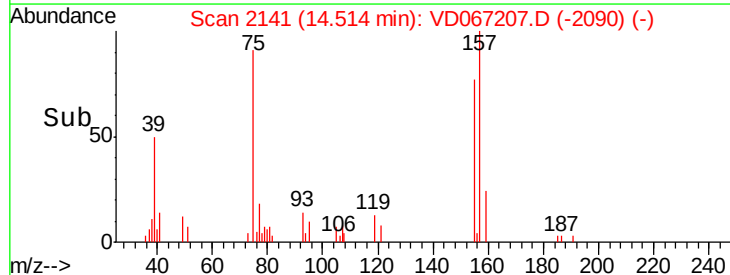
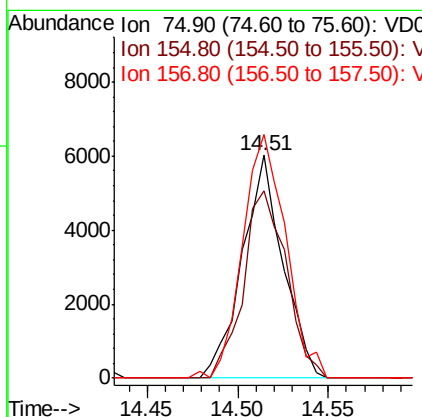
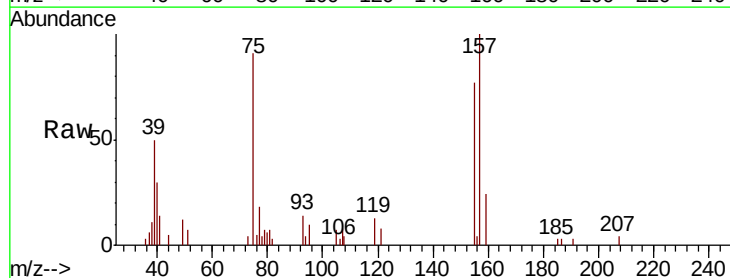
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

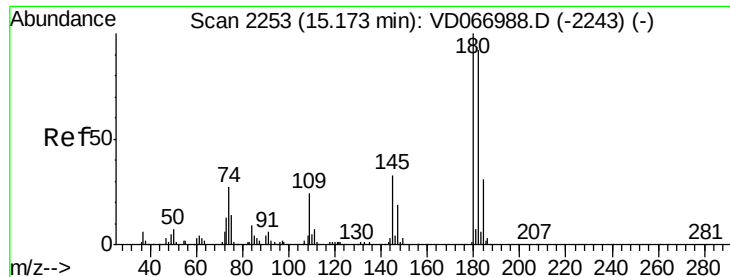
Tot Ion:146 Resp: 138089
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.9 62.7
 148 66.0 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.416 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 9394
 Ion Ratio Lower Upper
 75 100
 155 88.5 45.2 135.6
 157 115.9 56.3 168.8

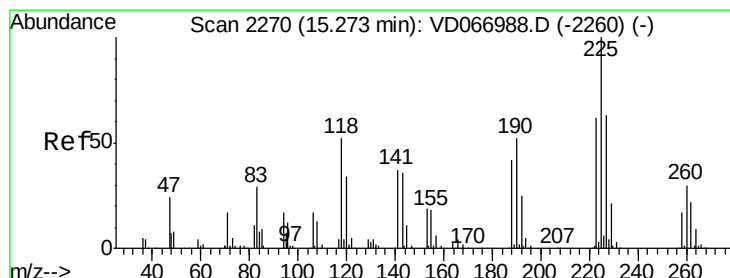
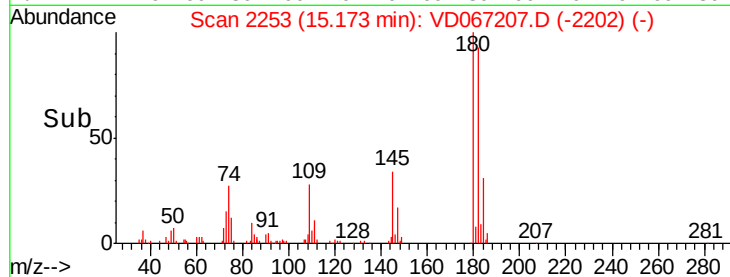
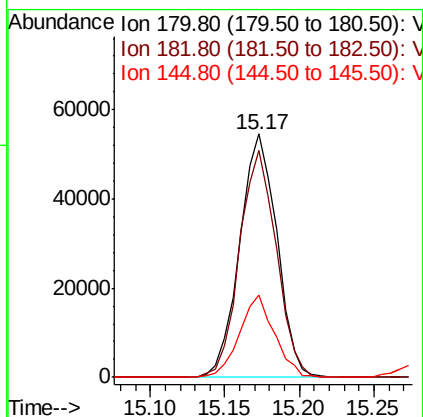
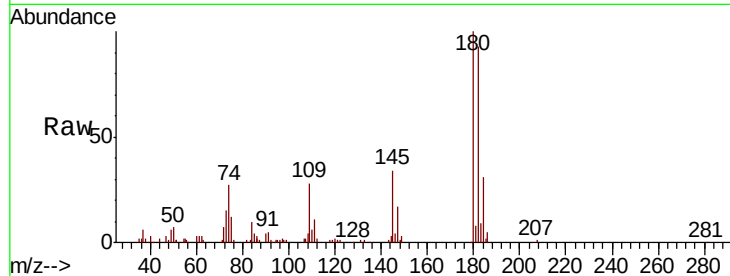




#93
 1,2,4-Trichlorobenzene
 Concen: 21.910 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

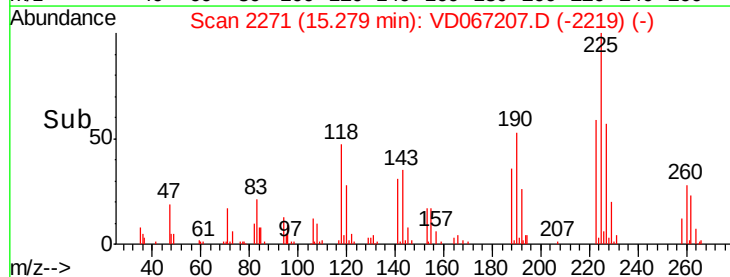
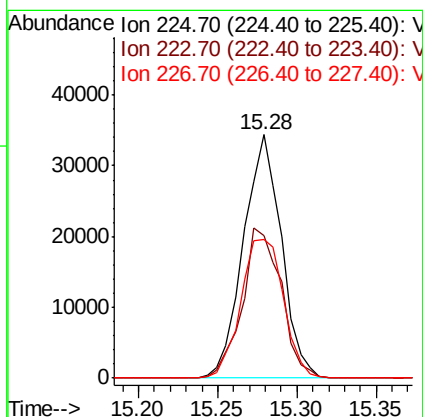
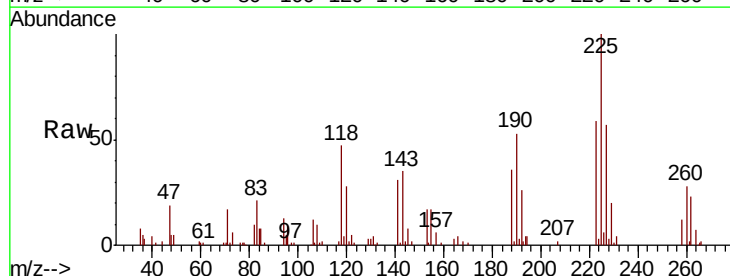
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1009SBSD01

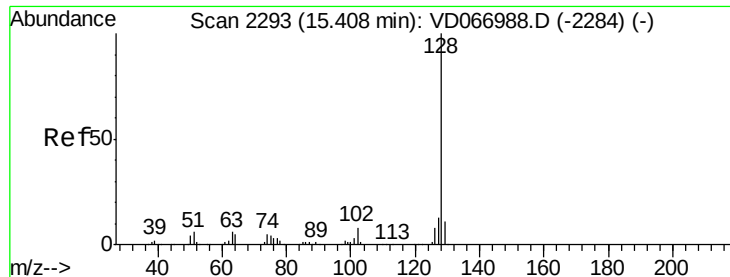
Tot Ion:180 Resp: 94017
 Ion Ratio Lower Upper
 180 100
 182 92.3 47.3 142.0
 145 31.9 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 21.685 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067207.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:225 Resp: 57146
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.4 97.0
 227 64.2 31.6 95.0

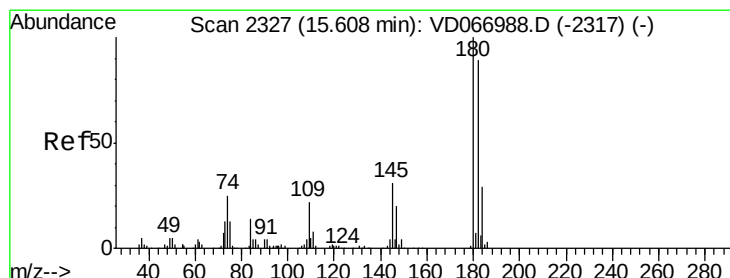
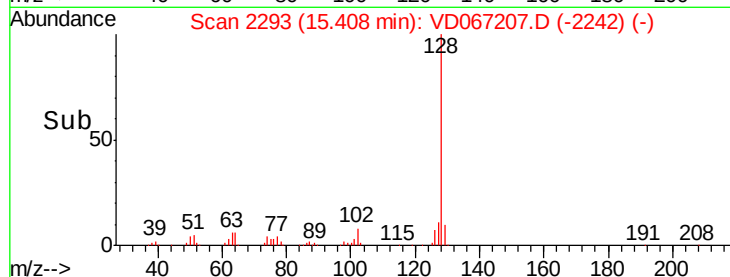
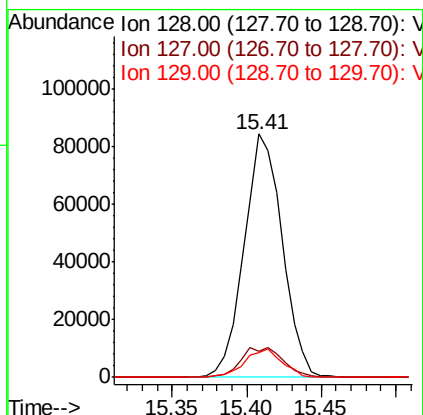
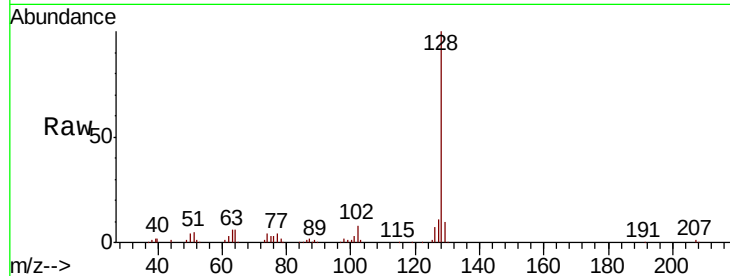




#95
Naphthalene
Concen: 20.901 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD1009SBSD01

Tot Ion:128 Resp: 149591
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.298 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD067207.D
Acq: 09 Oct 2020 13:11

Tgt Ion:180 Resp: 83060
Ion Ratio Lower Upper
180 100
182 93.3 46.4 139.1
145 33.4 16.6 49.7

