

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102320\
 Data File : VD067373.D
 Acq On : 23 Oct 2020 11:10
 Operator : VA/SY
 Sample : VD1023SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

Quant Time: Oct 24 07:17:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	305770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	448386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	416978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	214212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	157645	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	7.92	113	159771	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	10.34	98	580086	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.64	95	201881	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	54371	19.484	ug/l	92
3) Chloromethane	2.21	50	39539	20.547	ug/l #	88
4) Vinyl Chloride	2.35	62	43990	20.834	ug/l	98
5) Bromomethane	2.76	94	33444	21.419	ug/l	95
6) Chloroethane	2.92	64	27227	20.706	ug/l	97
7) Trichlorofluoromethane	3.27	101	110716	20.824	ug/l	99
8) Diethyl Ether	3.71	74	23691	19.473	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.09	101	59842	21.185	ug/l	98
10) Methyl Iodide	4.30	142	48925	18.776	ug/l	96
11) Tert butyl alcohol	5.21	59	16149	68.246	ug/l #	81
12) 1,1-Dichloroethene	4.07	96	50793	20.127	ug/l	94
13) Acrolein	3.92	56	8780	65.465	ug/l	90
14) Allyl chloride	4.71	41	56526	19.559	ug/l	94
15) Acrylonitrile	5.43	53	43548	107.274	ug/l	96
16) Acetone	4.16	43	44261	103.167	ug/l #	88
17) Carbon Disulfide	4.41	76	139383	19.374	ug/l	98
18) Methyl Acetate	4.71	43	19906	20.342	ug/l	94
19) Methyl tert-butyl Ether	5.47	73	99411	19.811	ug/l	97
20) Methylene Chloride	4.96	84	60745	19.353	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	58983	20.310	ug/l	94
22) Diisopropyl ether	6.36	45	115054	21.794	ug/l	95
23) Vinyl Acetate	6.30	43	310793	103.477	ug/l	99
24) 1,1-Dichloroethane	6.27	63	96788	21.418	ug/l	96
25) 2-Butanone	7.21	43	49634	101.492	ug/l	99
26) 2,2-Dichloropropane	7.21	77	97451	20.921	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	65398	20.547	ug/l	97
28) Bromochloromethane	7.55	49	30540	19.813	ug/l	98
29) Tetrahydrofuran	7.57	42	27642	101.681	ug/l	95
30) Chloroform	7.71	83	118275	21.909	ug/l	97
31) Cyclohexane	7.98	56	71487	20.261	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	115761	21.855	ug/l	98
36) 1,1-Dichloropropene	8.11	75	81277	21.387	ug/l	100
37) Ethyl Acetate	7.30	43	25147	22.490	ug/l	96
38) Carbon Tetrachloride	8.10	117	109002	22.441	ug/l	95

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 Data File : VD067373.D
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 Sample : VD1023SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

Quant Time: Oct 24 07:17:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	85479	21.515	ug/l	97
40) Benzene	8.36	78	232718	22.321	ug/l	98
41) Methacrylonitrile	7.55	41	30239	50.046	ug/l #	21
42) 1,2-Dichloroethane	8.43	62	69054	21.164	ug/l	99
43) Isopropyl Acetate	8.46	43	46510	20.963	ug/l	97
44) Trichloroethene	9.11	130	74567	22.338	ug/l	90
45) 1,2-Dichloropropane	9.40	63	52814	21.858	ug/l	97
46) Dibromomethane	9.48	93	32194	21.385	ug/l	97
47) Bromodichloromethane	9.67	83	90755	22.500	ug/l	95
48) Methyl methacrylate	9.46	41	20602	19.108	ug/l	96
49) 1,4-Dioxane	9.47	88	5719	373.524	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	114635	103.591	ug/l	99
52) Toluene	10.41	92	159229	22.423	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	74866	21.129	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	88630	21.374	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	43008	20.950	ug/l	97
56) Ethyl methacrylate	10.67	69	44364	20.837	ug/l	98
57) 1,3-Dichloropropane	10.95	76	71024	21.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	114052	104.422	ug/l	98
59) 2-Hexanone	10.99	43	81617	107.934	ug/l	98
60) Dibromochloromethane	11.14	129	67617	22.585	ug/l	99
61) 1,2-Dibromoethane	11.25	107	43788	21.636	ug/l	99
64) Tetrachloroethene	10.88	164	66647	22.060	ug/l	98
65) Chlorobenzene	11.67	112	175239	21.916	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	70434	22.163	ug/l	98
67) Ethyl Benzene	11.75	91	302705	22.084	ug/l	97
68) m/p-Xylenes	11.86	106	239748	45.422	ug/l	96
69) o-Xylene	12.18	106	104079	21.294	ug/l	96
70) Styrene	12.20	104	184957	21.983	ug/l	99
71) Bromoform	12.37	173	38072	22.300	ug/l #	98
73) Isopropylbenzene	12.48	105	301502	22.177	ug/l	99
74) N-amyl acetate	12.30	43	41659	20.288	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	44951	21.579	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	60612	40.825	ug/l #	100
77) Bromobenzene	12.77	156	75631	22.314	ug/l	97
78) n-propylbenzene	12.83	91	347356	22.052	ug/l	98
79) 2-Chlorotoluene	12.91	91	198545	21.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	265176	22.445	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13599	20.771	ug/l	94
82) 4-Chlorotoluene	13.01	91	214628	22.137	ug/l	99
83) tert-Butylbenzene	13.23	119	220358	22.081	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	262424	22.474	ug/l	98
85) sec-Butylbenzene	13.41	105	301126	21.990	ug/l	99
86) p-Isopropyltoluene	13.52	119	286248	22.147	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	142946	21.911	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	144728	22.391	ug/l	99
89) n-Butylbenzene	13.85	91	240678	21.167	ug/l	100
90) Hexachloroethane	14.12	117	49620	22.000	ug/l	94
91) 1,2-Dichlorobenzene	13.89	146	123953	21.749	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7723	20.407	ug/l	94

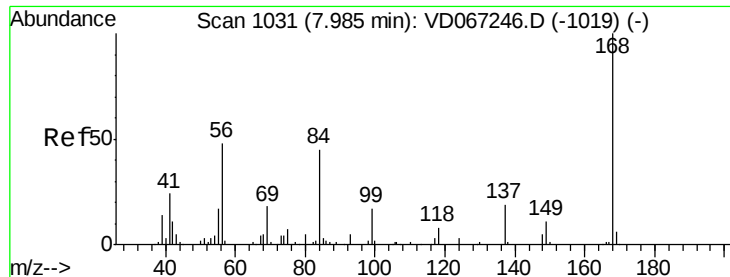
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102320\
Data File : VD067373.D
Acq On : 23 Oct 2020 11:10
Operator : VA/SY
Sample : VD1023SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Quant Time: Oct 24 07:17:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	83895	21.833	ug/l	99
94) Hexachlorobutadiene	15.27	225	56185	23.546	ug/l	95
95) Naphthalene	15.41	128	126178	20.000	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	71760	21.617	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

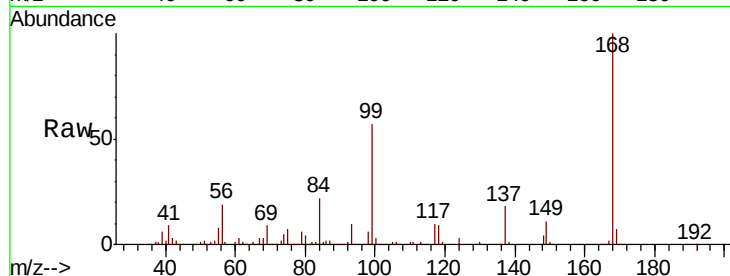
VD1023SBS01

Tot Ion:168 Resp: 305770

Ion Ratio Lower Upper

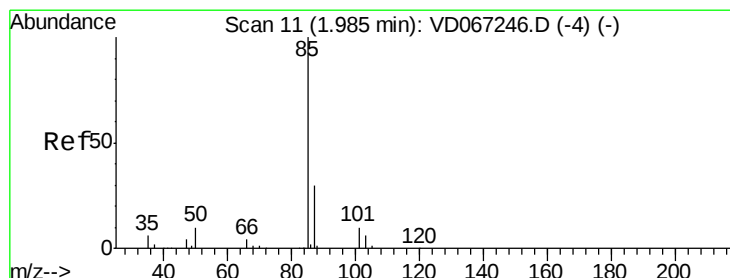
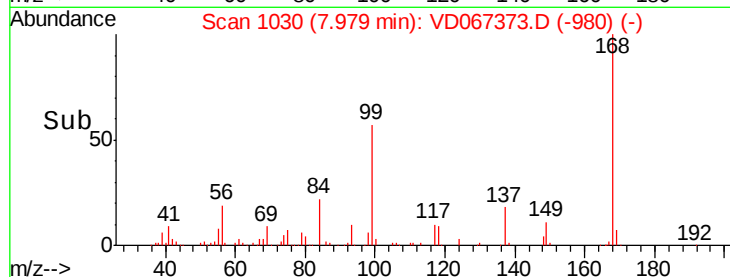
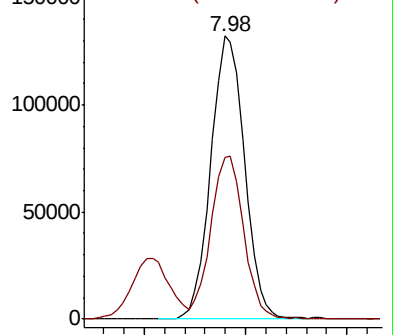
168 100

99 56.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.484 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067373.D

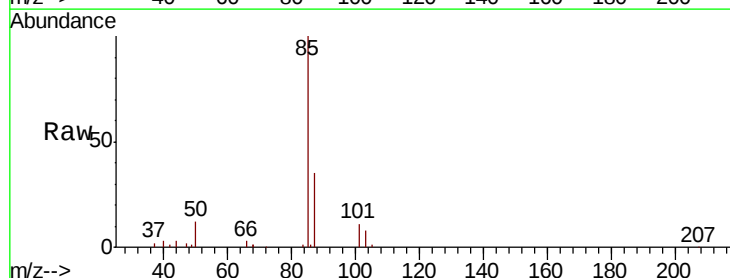
Acq: 23 Oct 2020 11:10

Tgt Ion: 85 Resp: 54371

Ion Ratio Lower Upper

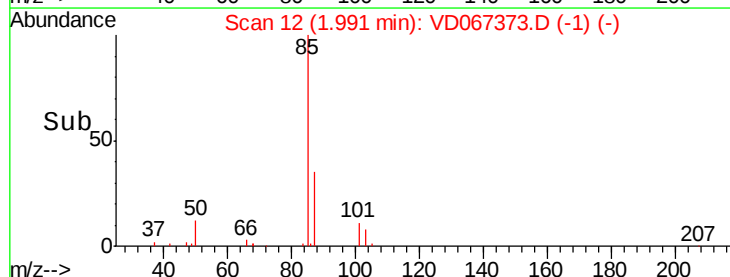
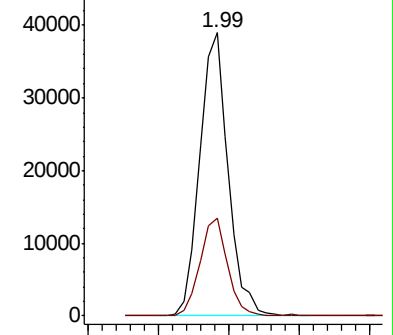
85 100

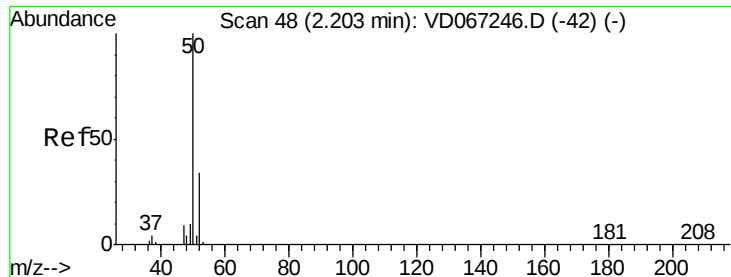
87 34.6 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.547 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

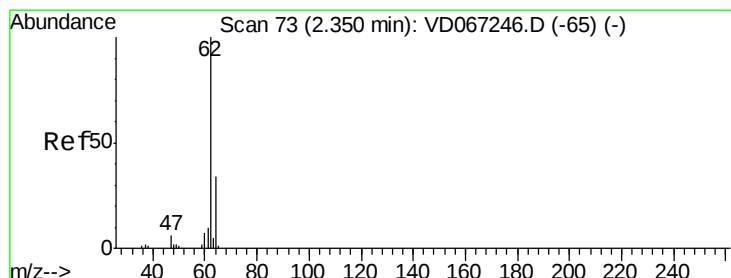
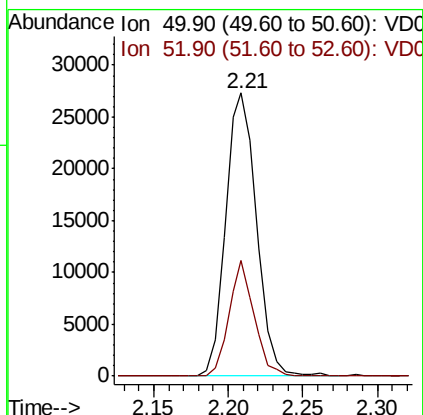
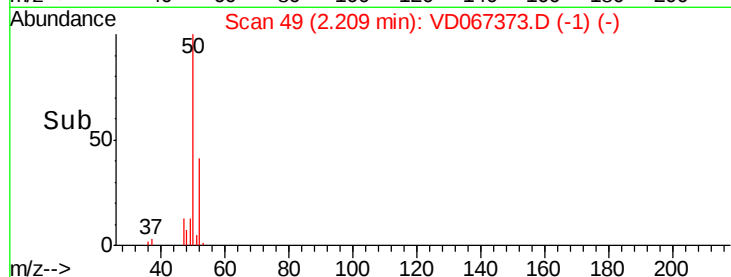
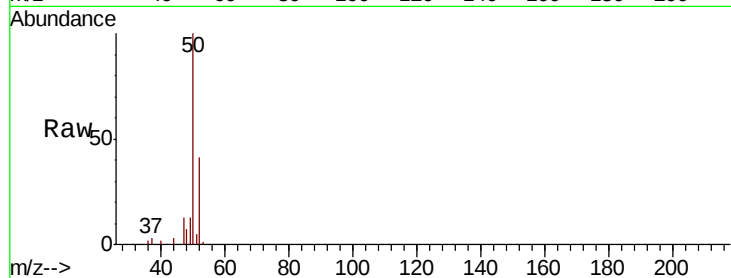
VD1023SBS01

Tot Ion: 50 Resp: 39539

Ion Ratio Lower Upper

50 100

52 41.0 27.1 40.7#



#4

Vinyl Chloride

Concen: 20.834 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067373.D

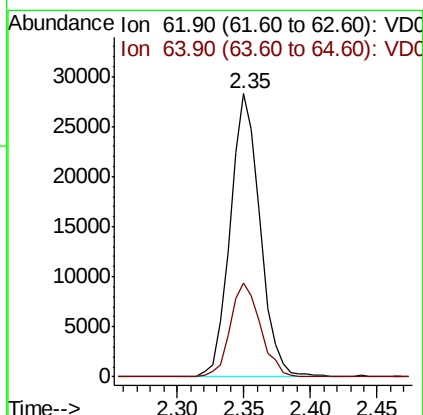
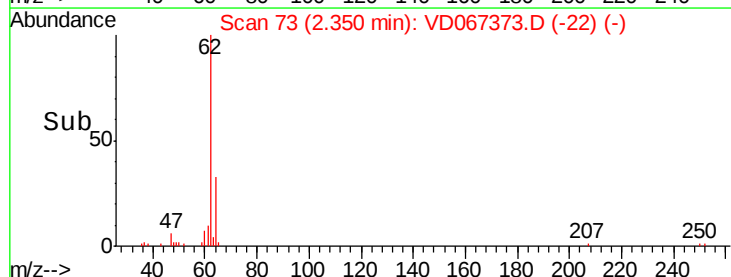
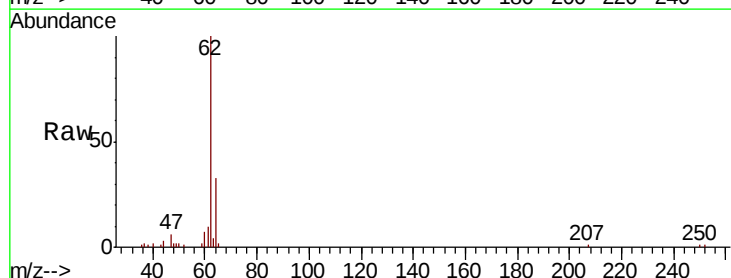
Acq: 23 Oct 2020 11:10

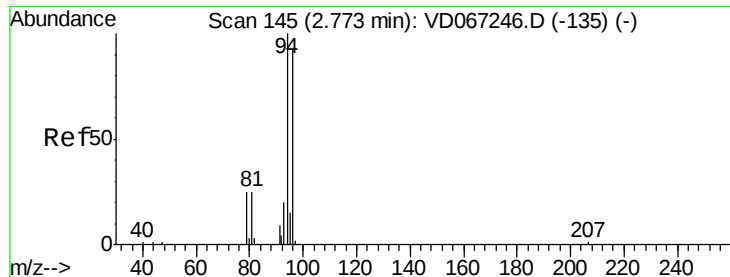
Tgt Ion: 62 Resp: 43990

Ion Ratio Lower Upper

62 100

64 33.2 27.4 41.0





#5

Bromomethane

Concen: 21.419 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

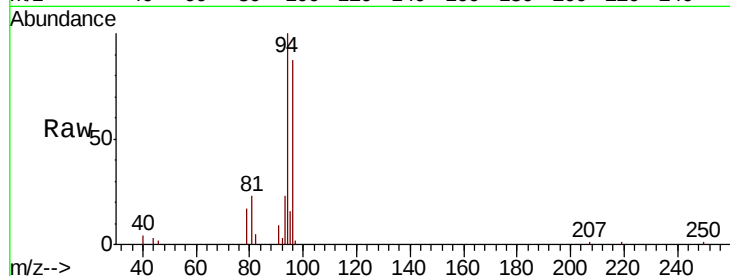
VD1023SBS01

Tot Ion: 94 Resp: 33444

Ion Ratio Lower Upper

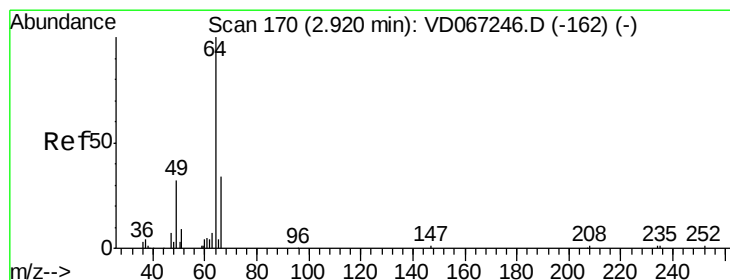
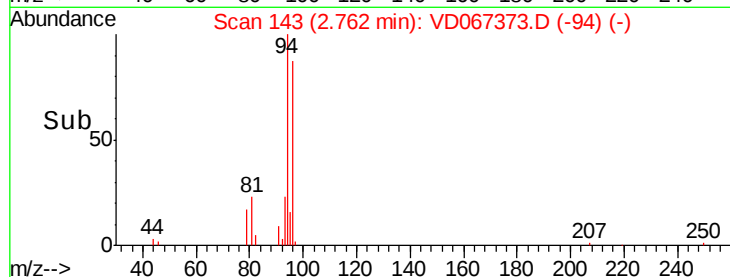
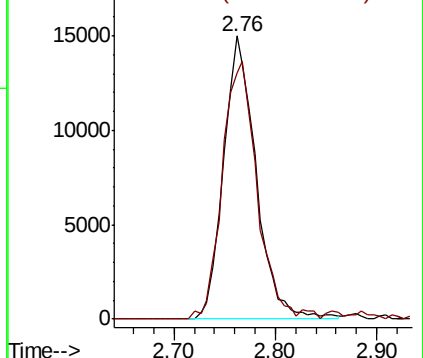
94 100

96 87.2 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.706 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067373.D

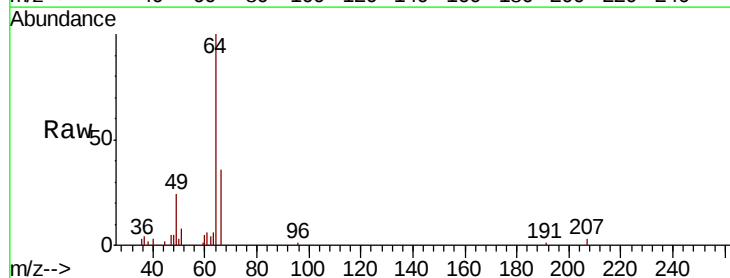
Acq: 23 Oct 2020 11:10

Tgt Ion: 64 Resp: 27227

Ion Ratio Lower Upper

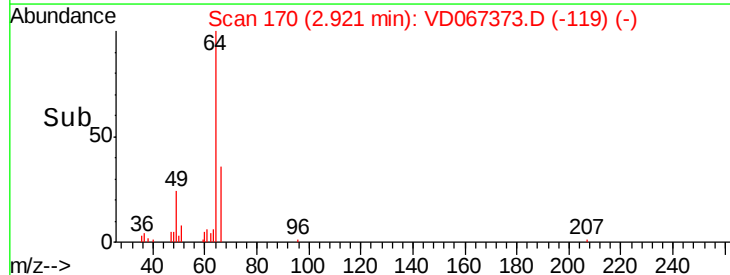
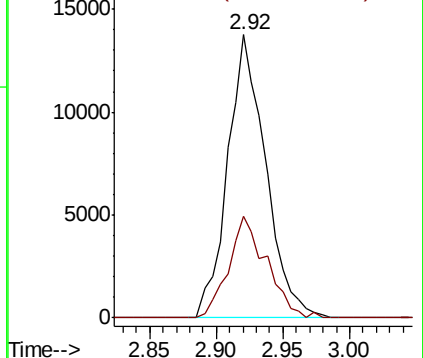
64 100

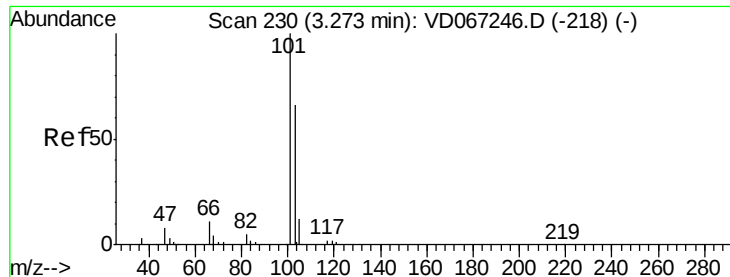
66 36.1 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



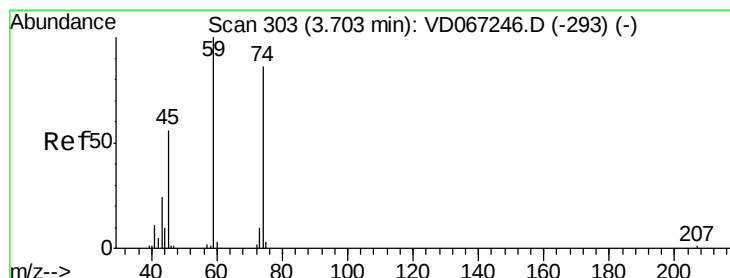
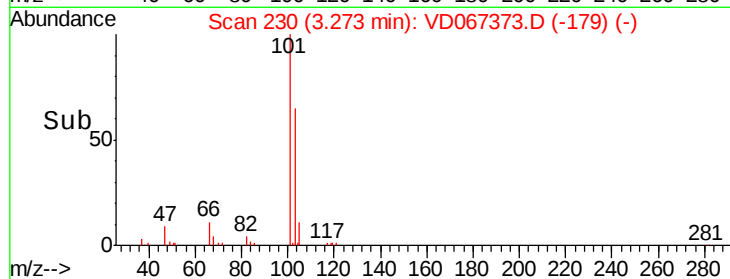
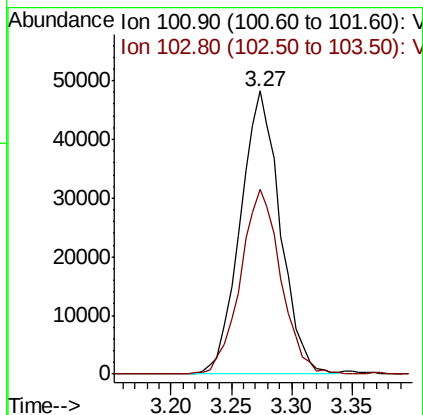
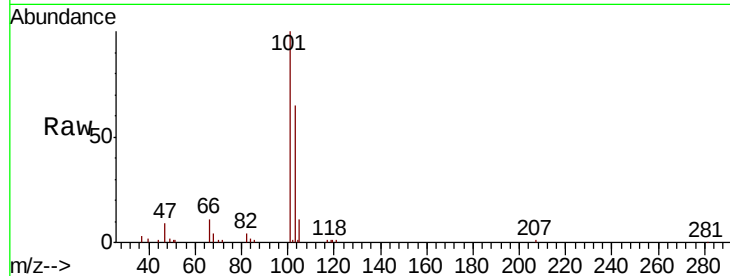


#7

Trichlorofluoromethane
 Concen: 20.824 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

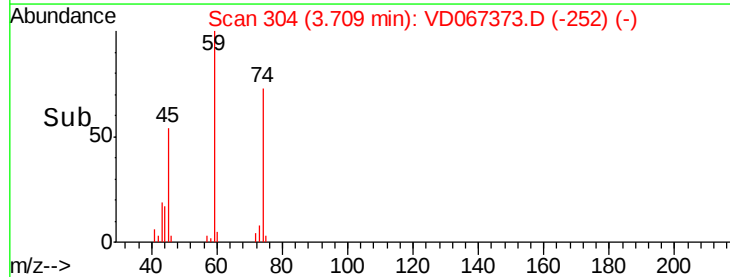
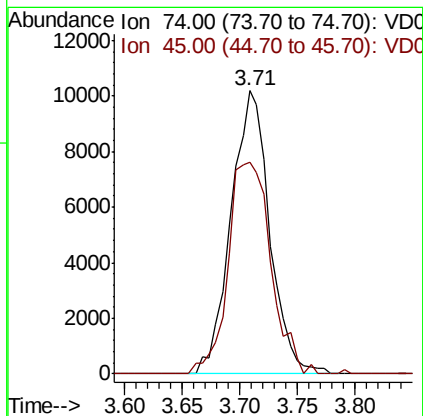
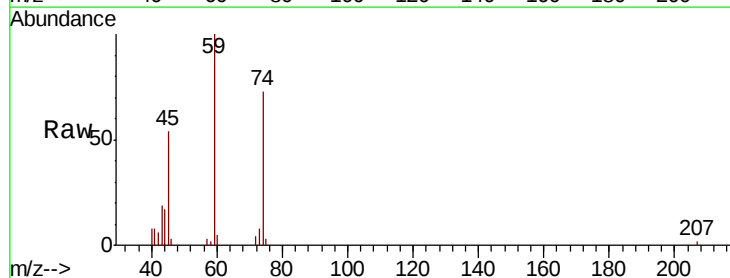
Tot Ion:101 Resp: 110716
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.1 79.7

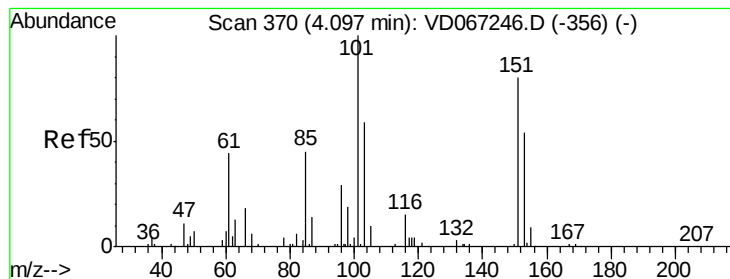


#8

Diethyl Ether
 Concen: 19.473 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Tgt Ion: 74 Resp: 23691
 Ion Ratio Lower Upper
 74 100
 45 82.4 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.185 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

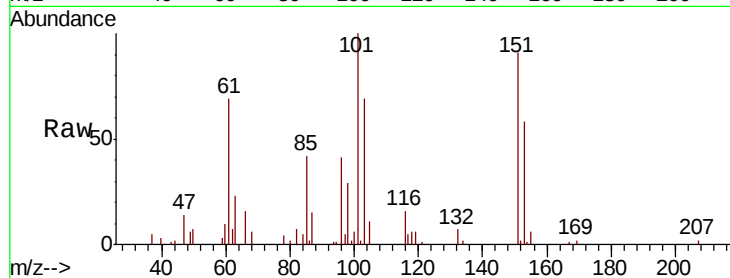
Tot Ion:101 Resp: 59842

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

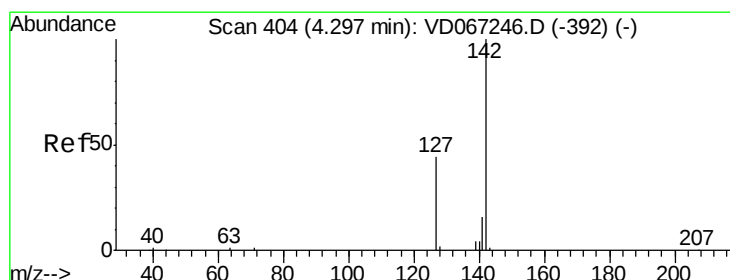
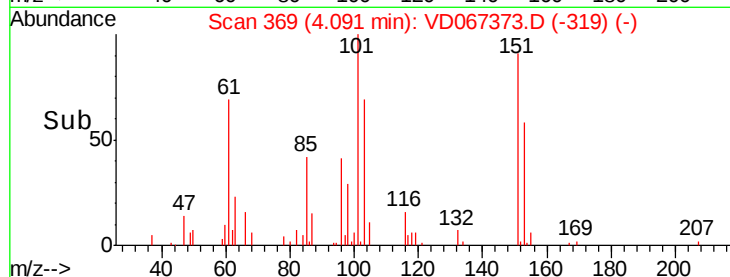
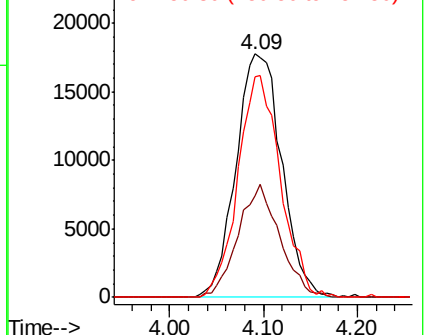
151 84.8 66.3 99.5



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: 18.776 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

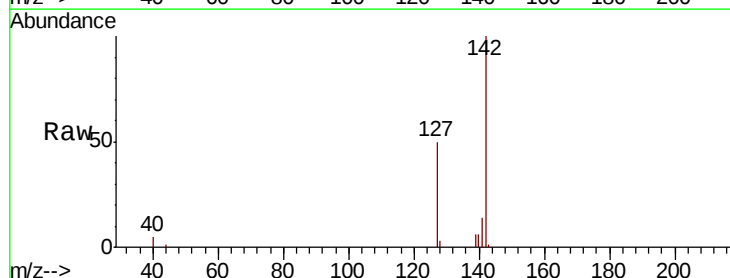
Tgt Ion:142 Resp: 48925

Ion Ratio Lower Upper

142 100

127 50.8 38.4 57.6

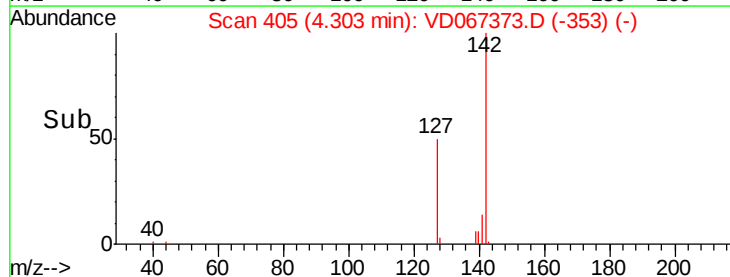
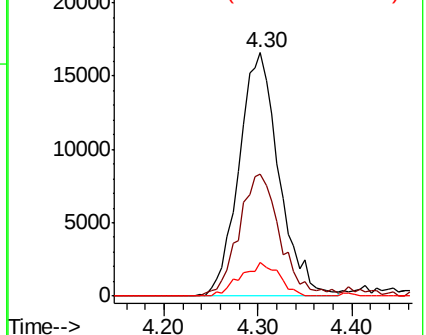
141 13.2 11.6 17.4

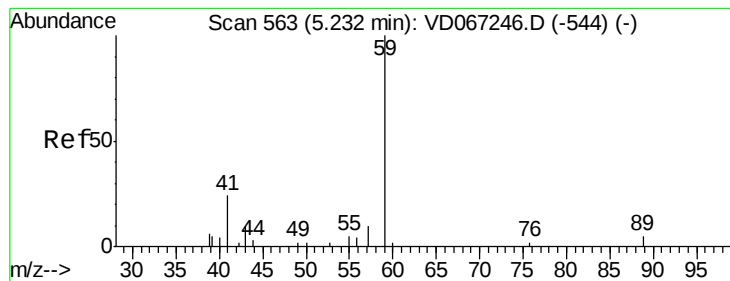


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



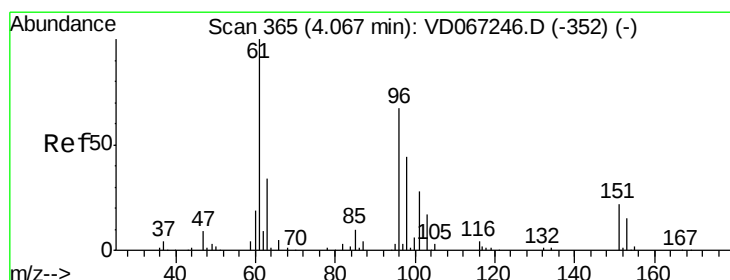
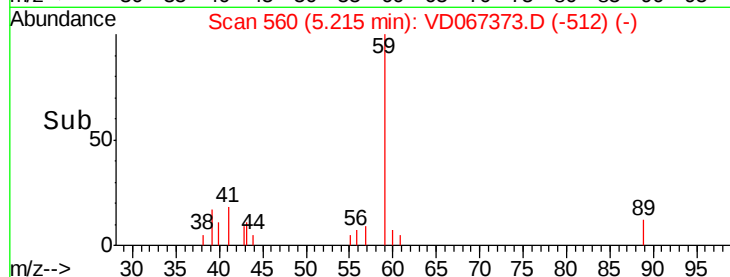
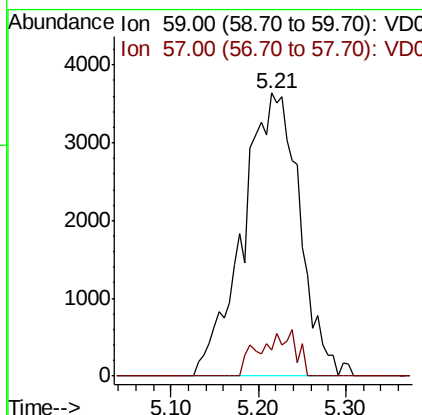
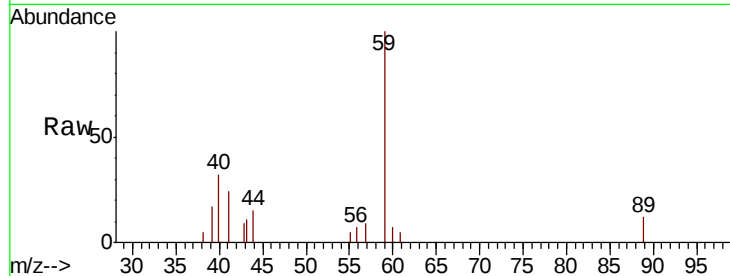


#11

Tert butyl alcohol
 Concen: 68.246 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

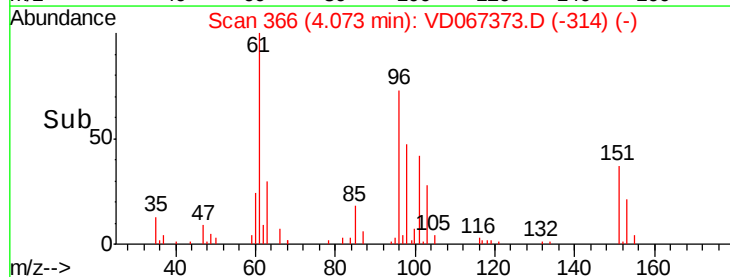
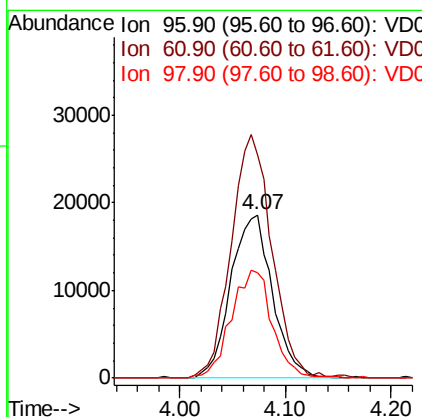
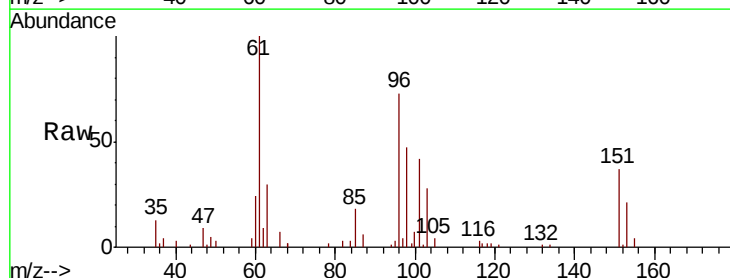
Tot Ion: 59 Resp: 16149
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.1 7.7#

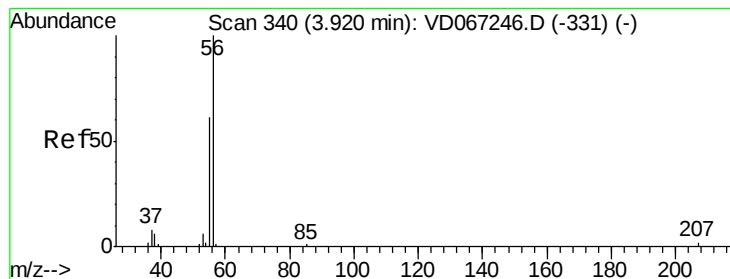


#12

1,1-Dichloroethene
 Concen: 20.127 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Tgt Ion: 96 Resp: 50793
 Ion Ratio Lower Upper
 96 100
 61 137.2 118.6 177.8
 98 64.6 51.8 77.6





#13

Acrolein

Concen: 65.465 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

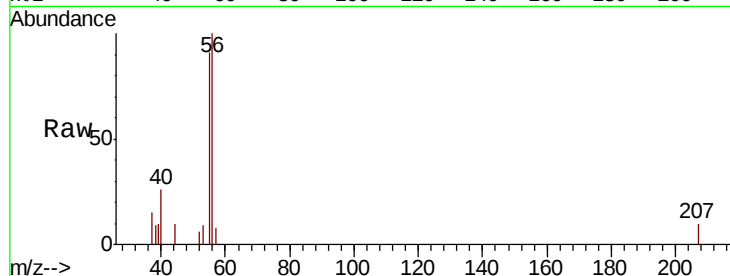
VD1023SBS01

Tot Ion: 56 Resp: 8780

Ion Ratio Lower Upper

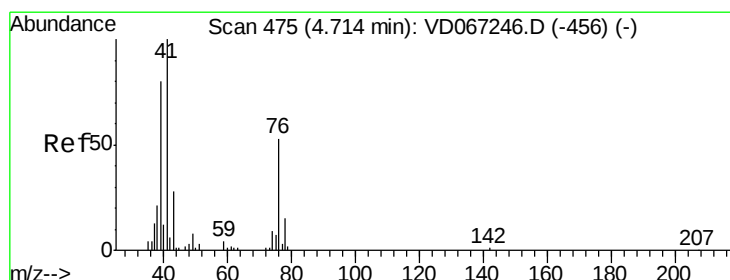
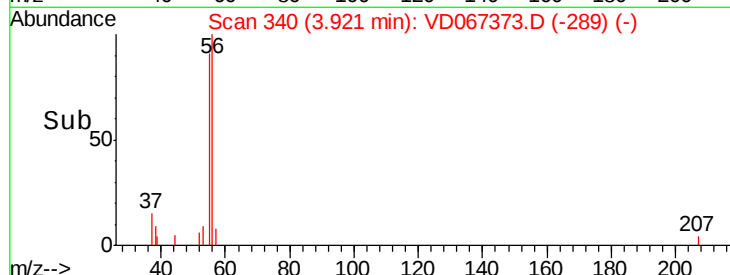
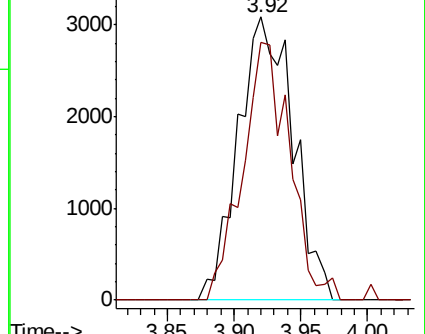
56 100

55 78.3 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.559 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

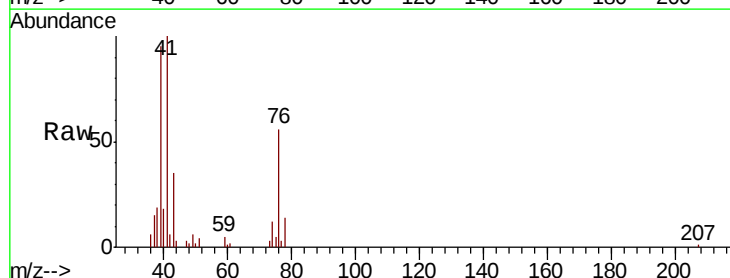
Tgt Ion: 41 Resp: 56526

Ion Ratio Lower Upper

41 100

39 85.2 63.8 95.6

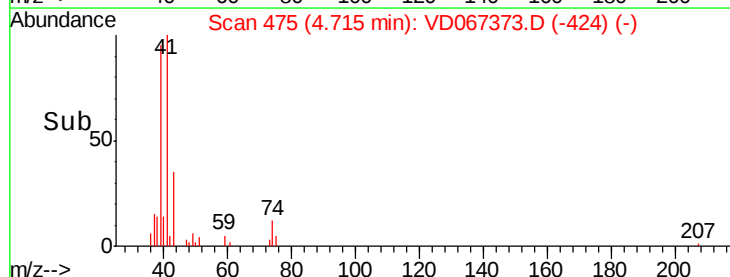
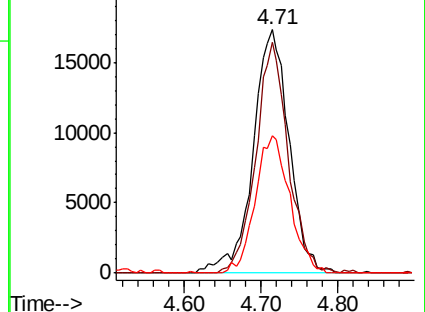
76 54.2 40.4 60.6

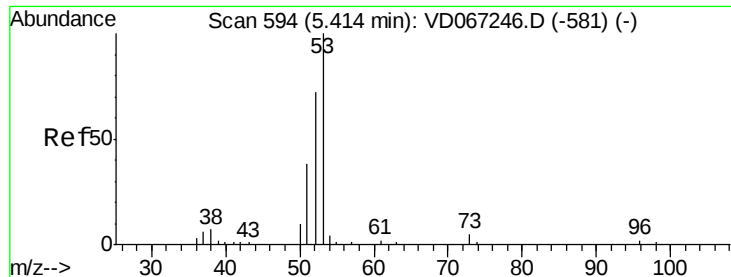


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 107.274 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

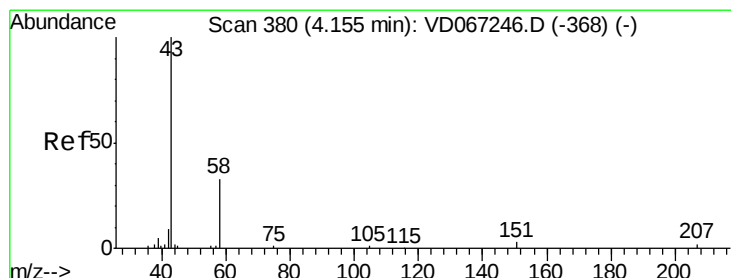
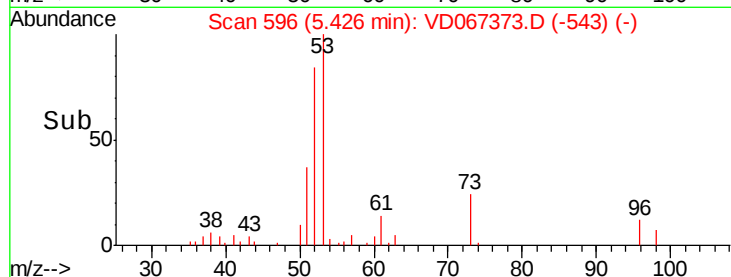
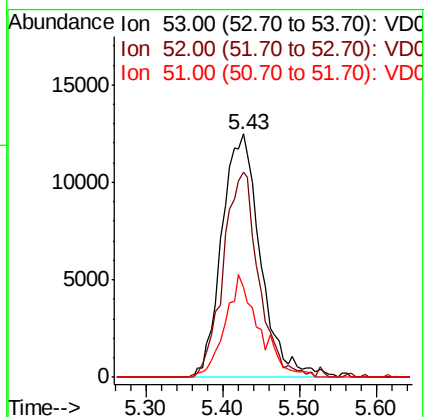
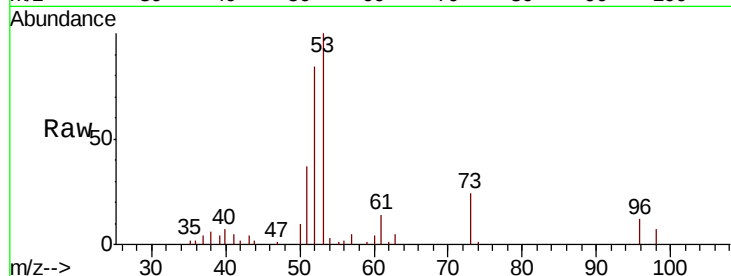
Tot Ion: 53 Resp: 43548

Ion Ratio Lower Upper

53 100

52 77.5 65.6 98.4

51 37.3 30.8 46.2



#16

Acetone

Concen: 103.167 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067373.D

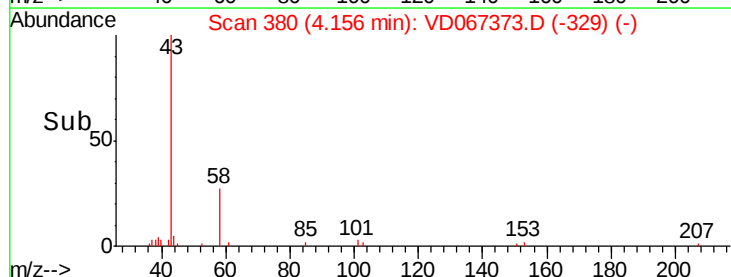
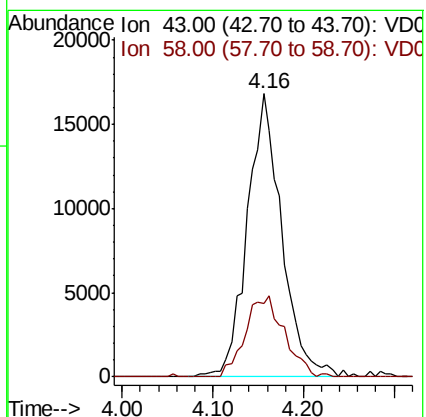
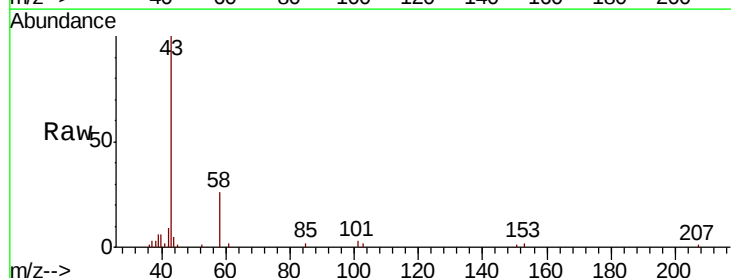
Acq: 23 Oct 2020 11:10

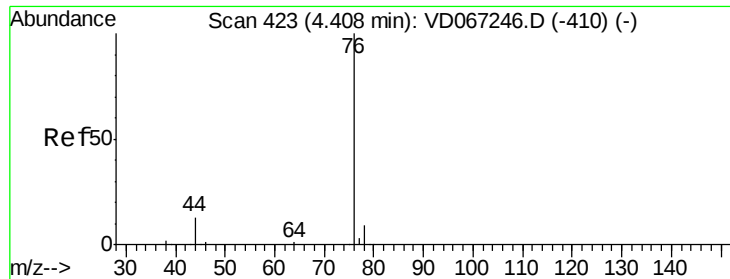
Tgt Ion: 43 Resp: 44261

Ion Ratio Lower Upper

43 100

58 26.1 26.1 39.1#

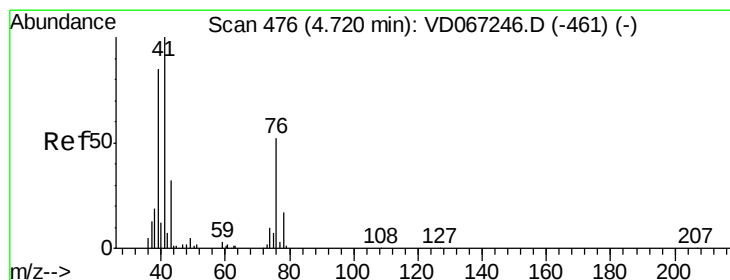
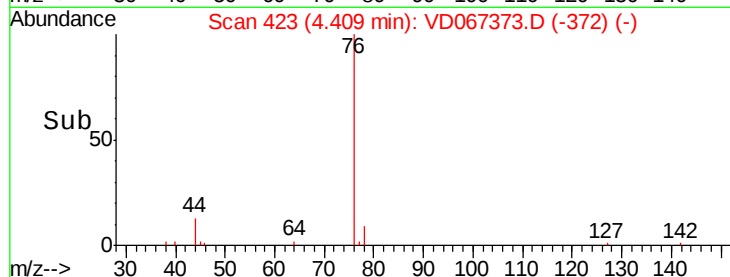
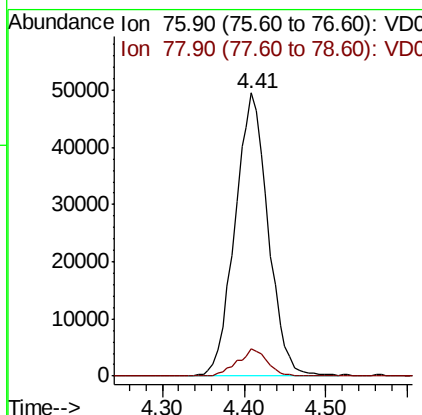
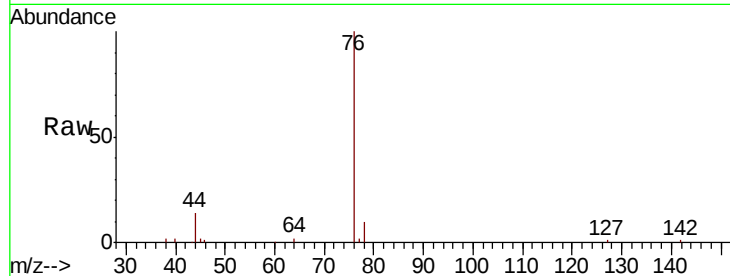




#17
Carbon Disulfide
Concen: 19.374 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

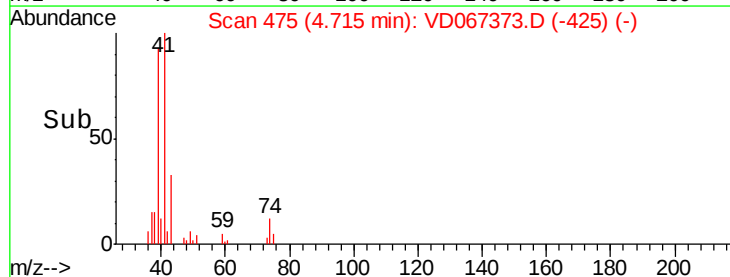
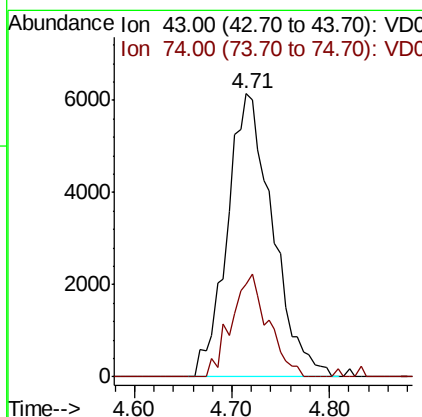
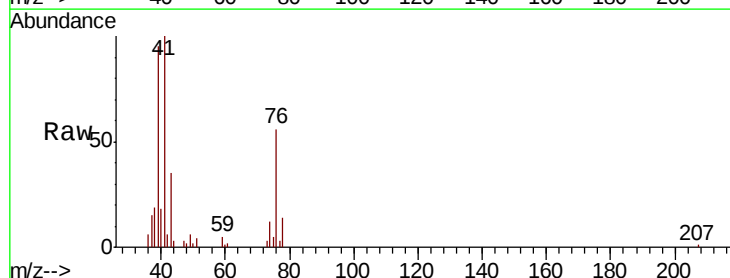
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

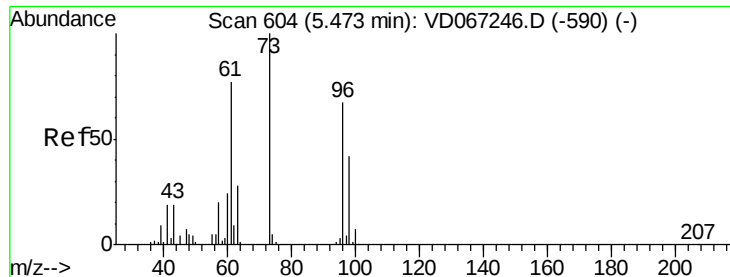
Tot Ion: 76 Resp: 139383
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 20.342 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 43 Resp: 19906
Ion Ratio Lower Upper
43 100
74 29.5 26.6 39.8

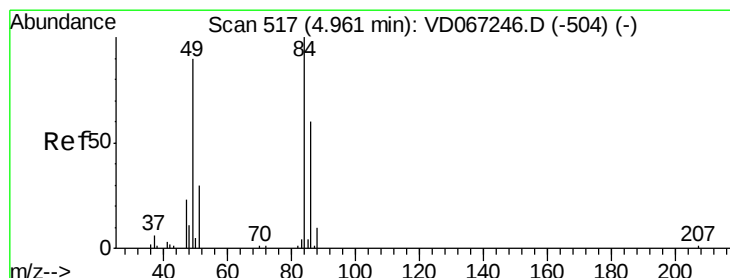
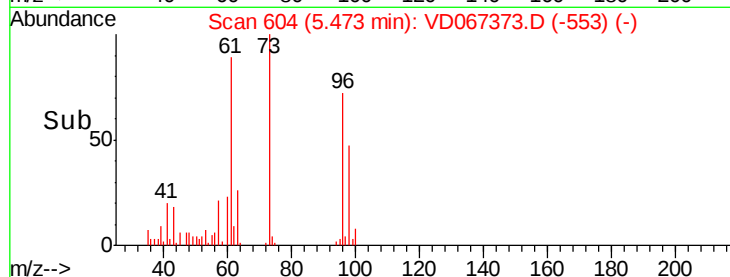
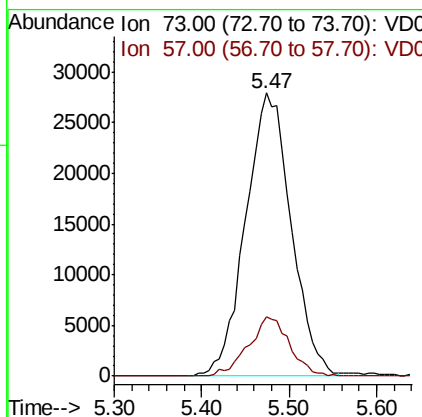
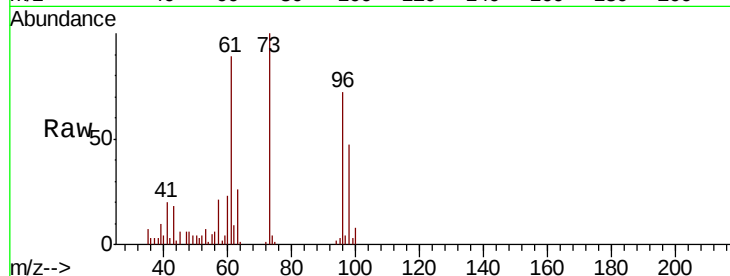




#19
Methyl tert-butyl Ether
Concen: 19.811 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

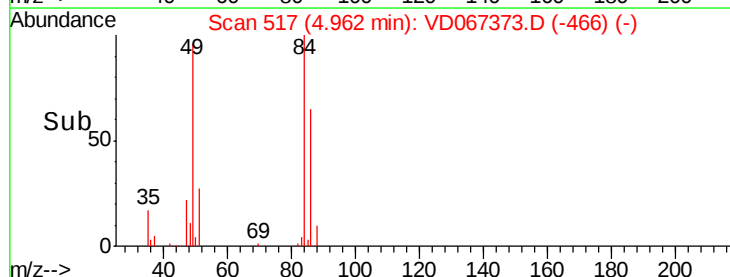
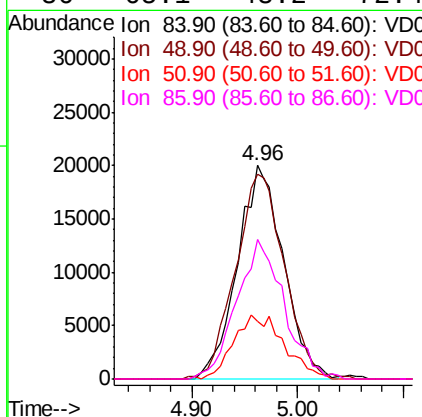
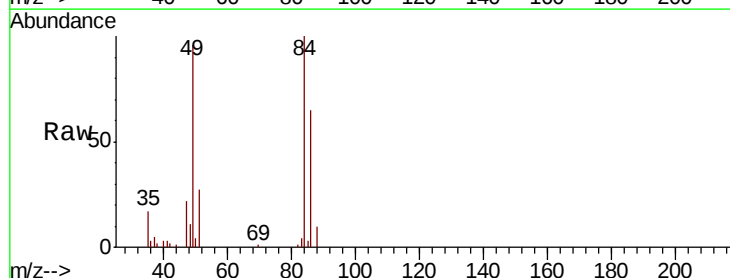
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

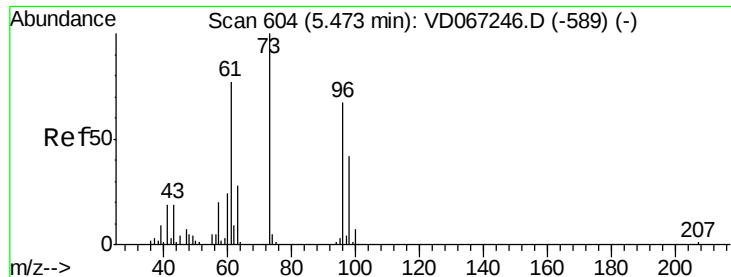
Tot Ion: 73 Resp: 99411
Ion Ratio Lower Upper
73 100
57 21.1 15.7 23.5



#20
Methylene Chloride
Concen: 19.353 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 84 Resp: 60745
Ion Ratio Lower Upper
84 100
49 94.5 72.2 108.2
51 27.2 23.8 35.8
86 65.1 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.310 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

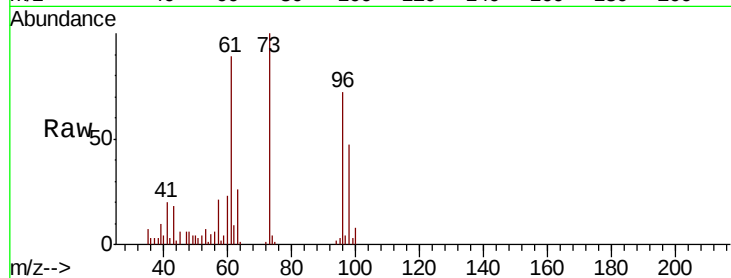
Tot Ion: 96 Resp: 58983

Ion Ratio Lower Upper

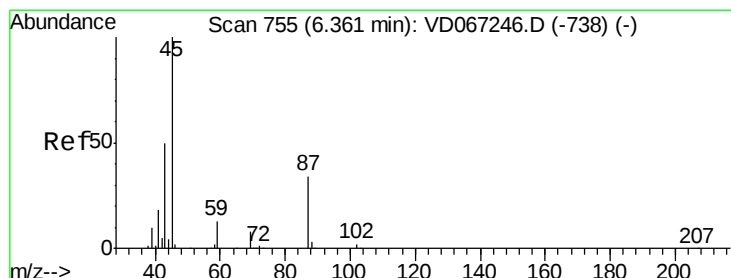
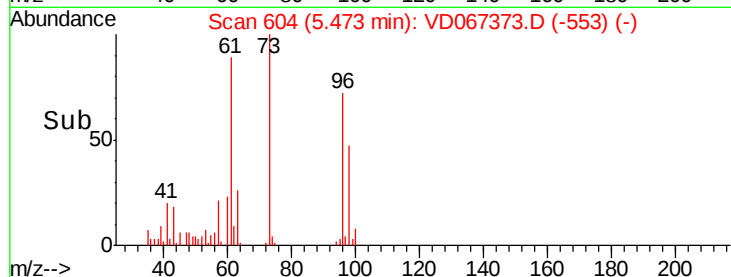
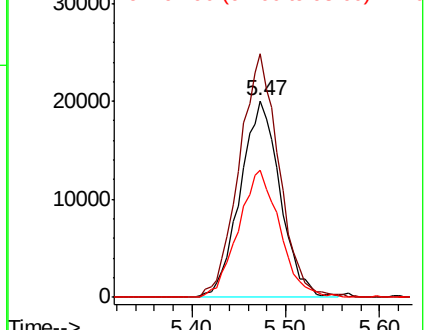
96 100

61 123.8 92.0 138.0

98 64.8 49.8 74.8



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: 21.794 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Tgt Ion: 45 Resp: 115054

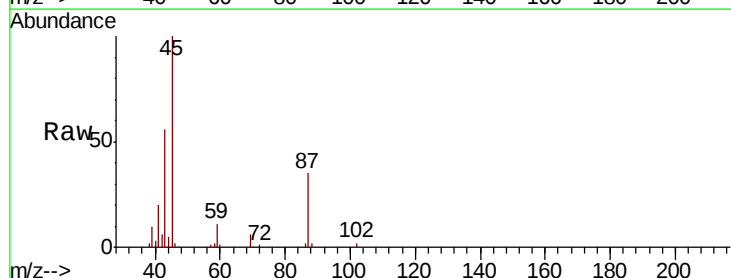
Ion Ratio Lower Upper

45 100

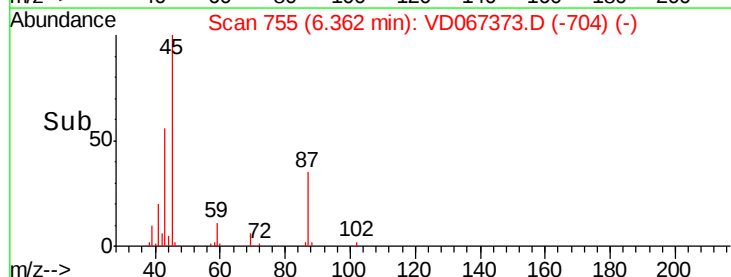
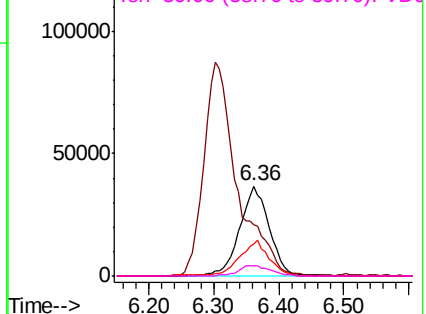
43 54.5 48.0 72.0

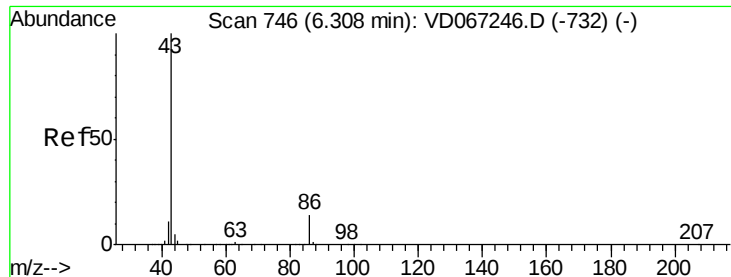
87 35.4 28.5 42.7

59 11.2 10.5 15.7



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: 103.477 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

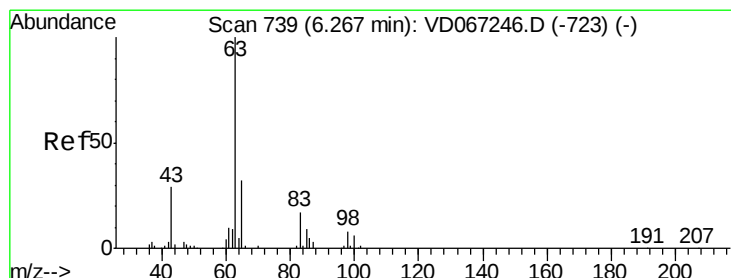
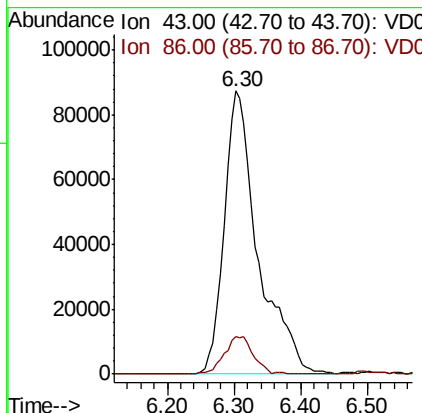
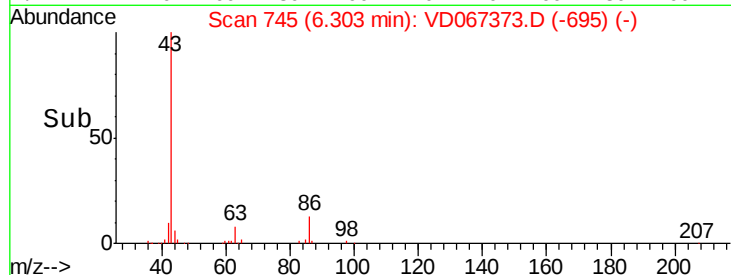
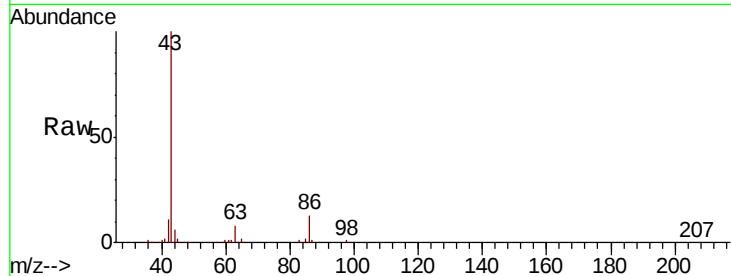
VD1023SBS01

Tot Ion: 43 Resp: 310793

Ion Ratio Lower Upper

43 100

86 13.4 11.0 16.6



#24

1,1-Dichloroethane

Concen: 21.418 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

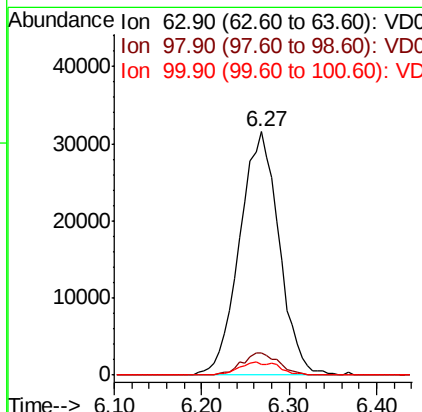
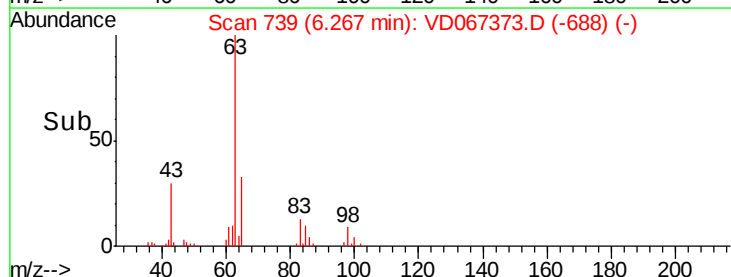
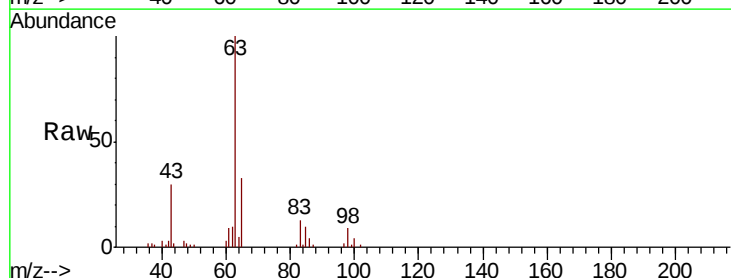
Tgt Ion: 63 Resp: 96788

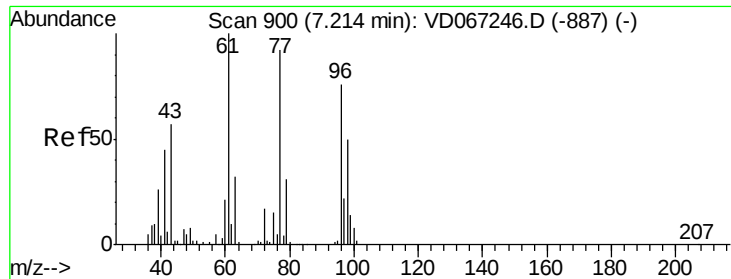
Ion Ratio Lower Upper

63 100

98 9.2 4.0 12.2

100 4.1 2.8 8.4

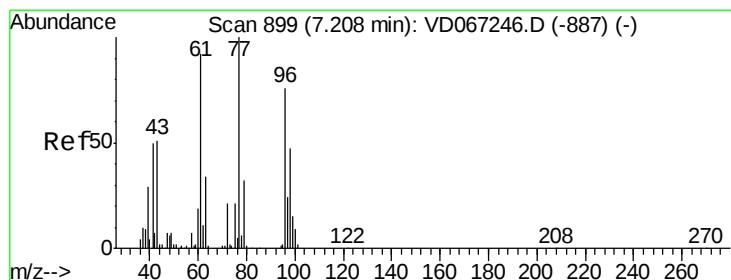
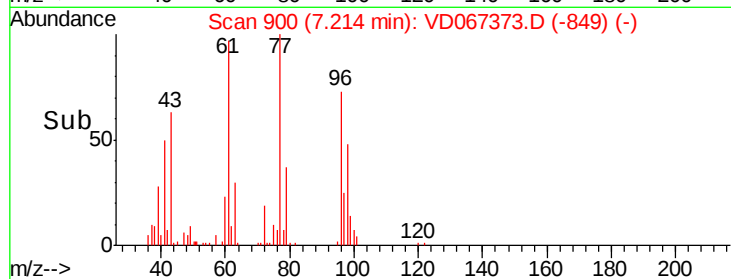
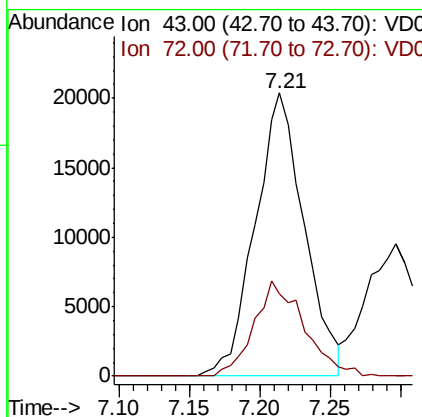
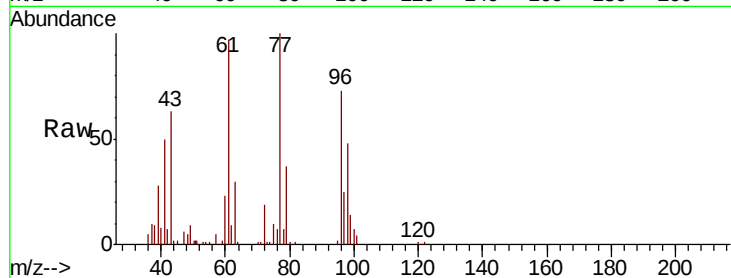




#25
2-Butanone
Concen: 101.492 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

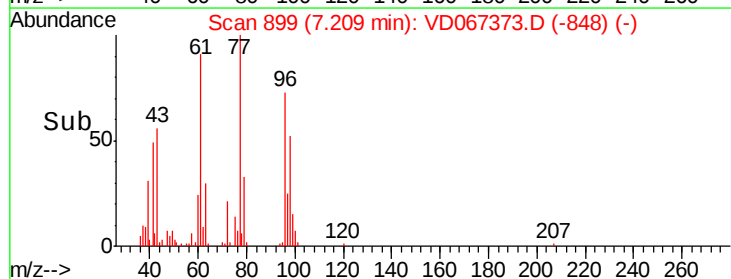
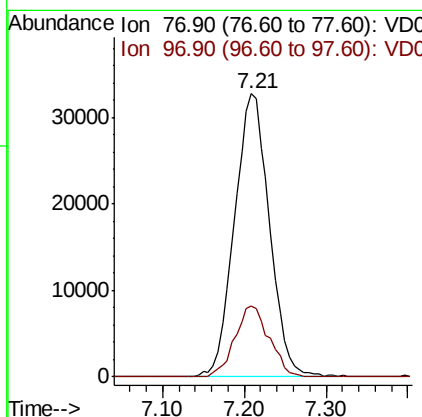
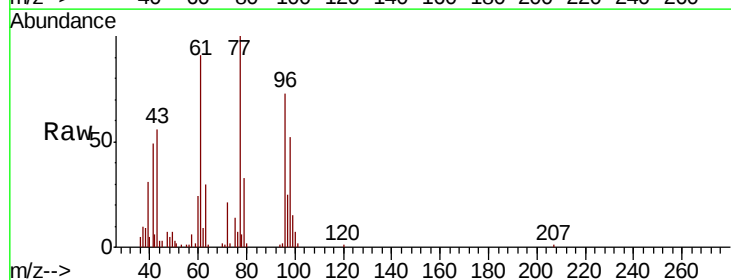
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

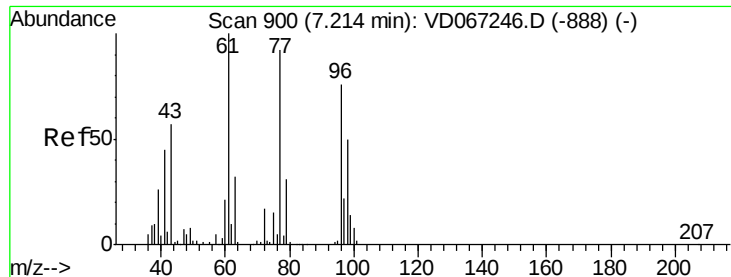
Tot Ion: 43 Resp: 49634
Ion Ratio Lower Upper
43 100
72 29.3 23.7 35.5



#26
2,2-Dichloropropane
Concen: 20.921 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 77 Resp: 97451
Ion Ratio Lower Upper
77 100
97 24.6 11.4 34.2



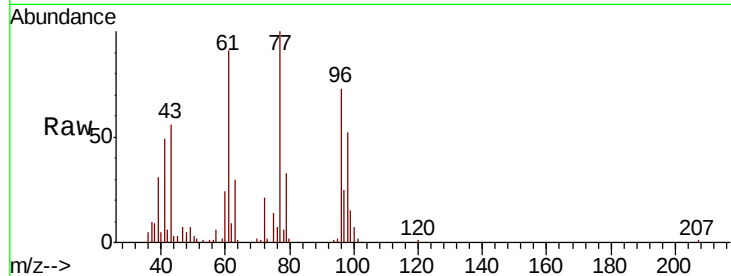


#27

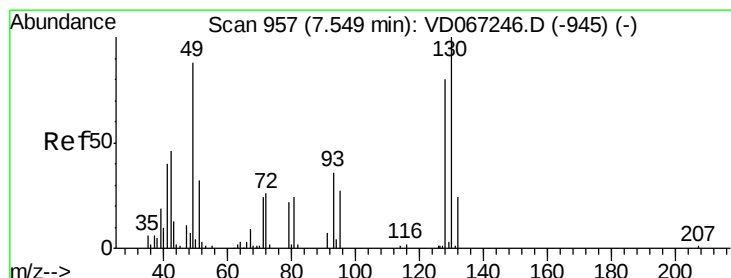
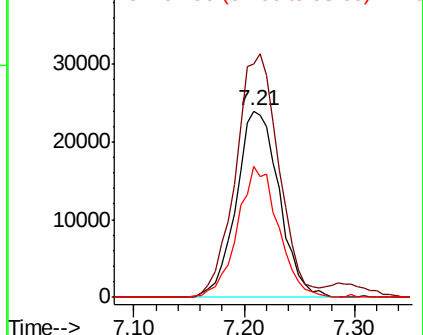
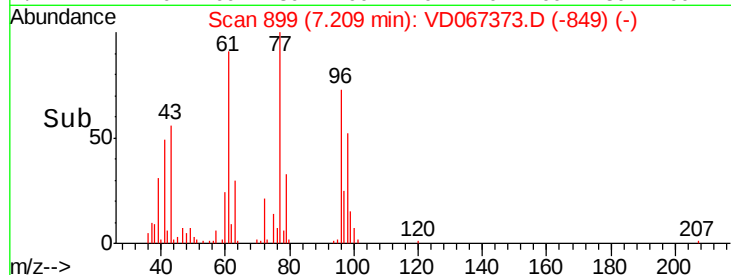
cis-1,2-Dichloroethene
 Concen: 20.547 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

Tot Ion: 96 Resp: 65398
 Ion Ratio Lower Upper
 96 100
 61 131.5 0.0 255.4
 98 66.9 0.0 128.0



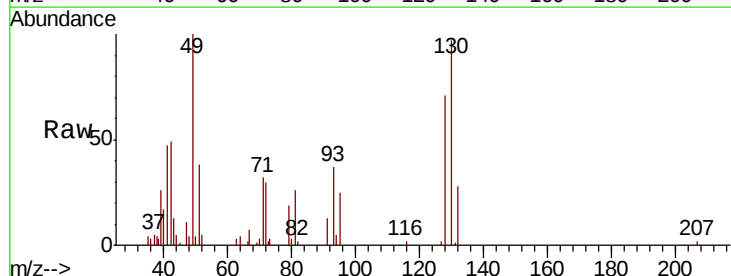
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



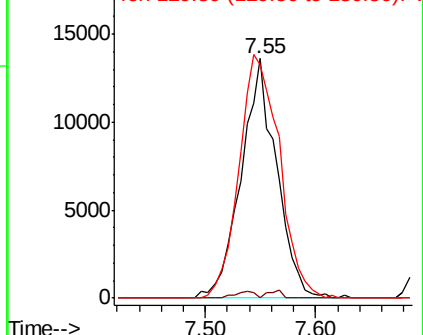
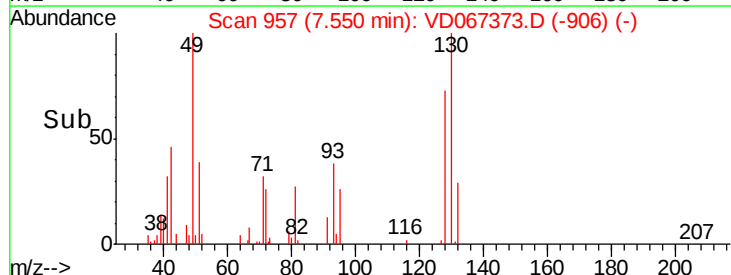
#28

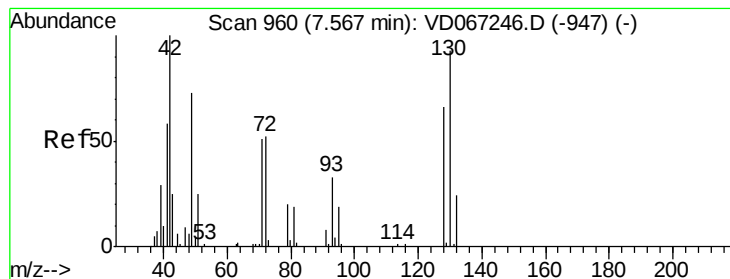
Bromochloromethane
 Concen: 19.813 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Tgt Ion: 49 Resp: 30540
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 1.6
 130 116.1 91.0 136.6



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 101.681 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

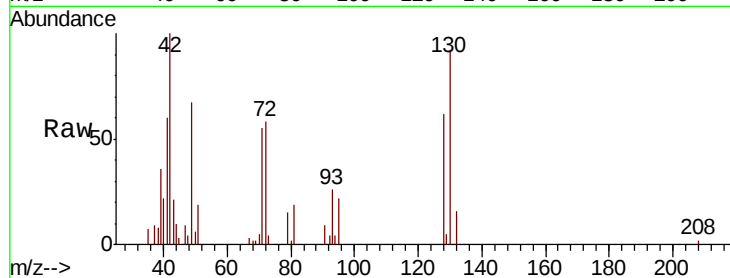
Tot Ion: 42 Resp: 27642

Ion Ratio Lower Upper

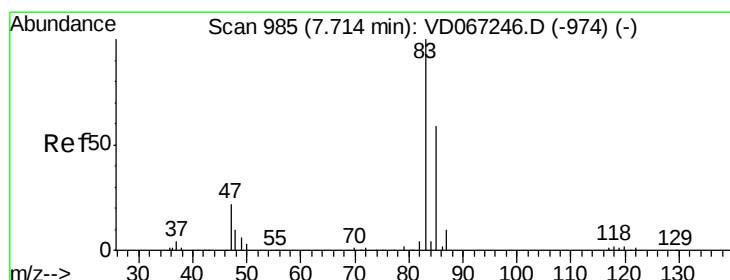
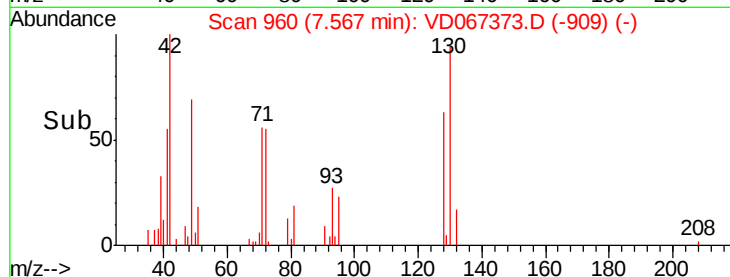
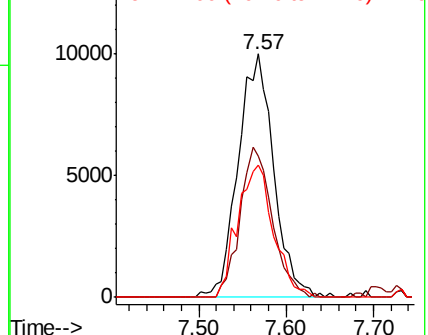
42 100

72 55.9 43.2 64.8

71 54.8 39.4 59.0



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 21.909 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD067373.D

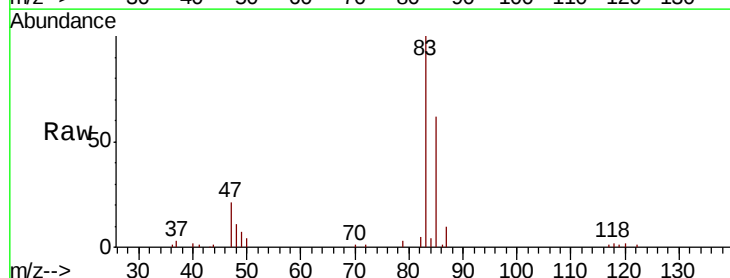
Acq: 23 Oct 2020 11:10

Tgt Ion: 83 Resp: 118275

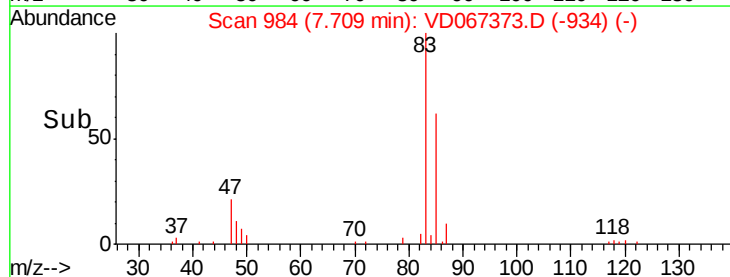
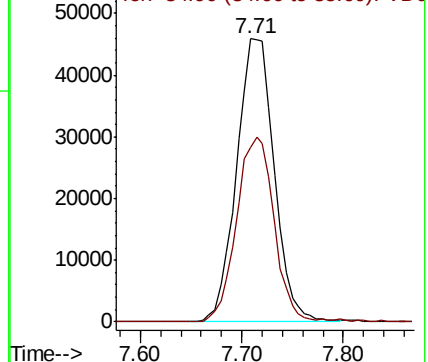
Ion Ratio Lower Upper

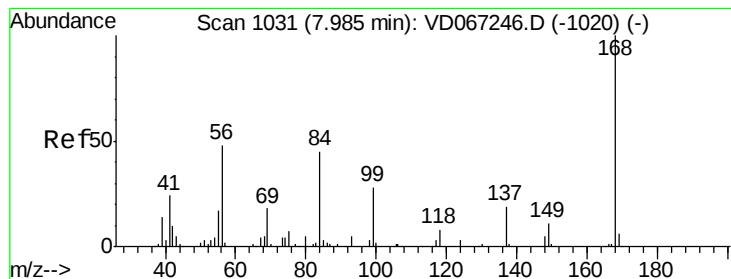
83 100

85 61.5 47.3 70.9



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





#31

Cyclohexane

Concen: 20.261 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

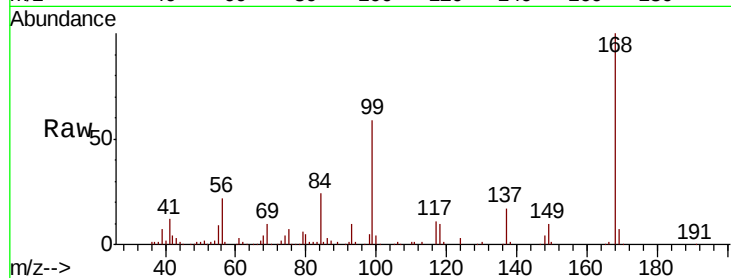
Tot Ion: 56 Resp: 71487

Ion Ratio Lower Upper

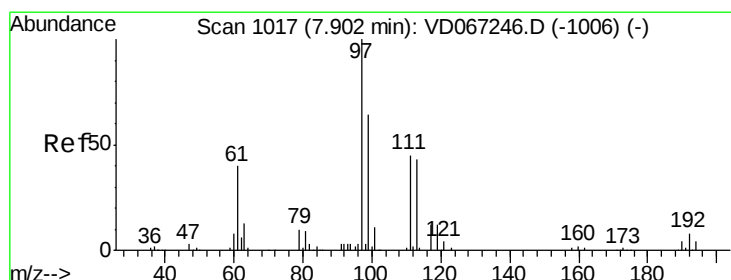
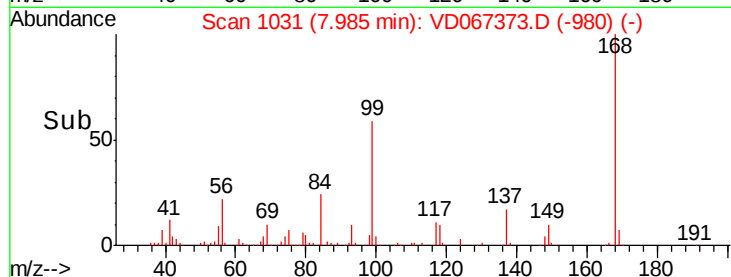
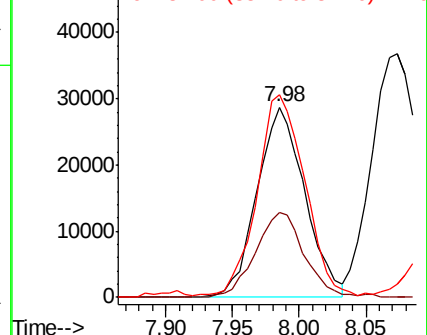
56 100

69 44.5 29.8 44.6

84 105.3 76.6 114.8



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: 21.855 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

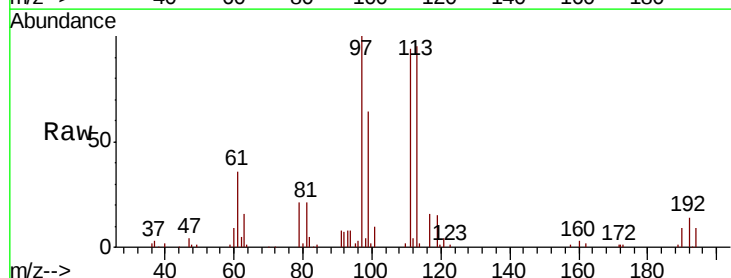
Tgt Ion: 97 Resp: 115761

Ion Ratio Lower Upper

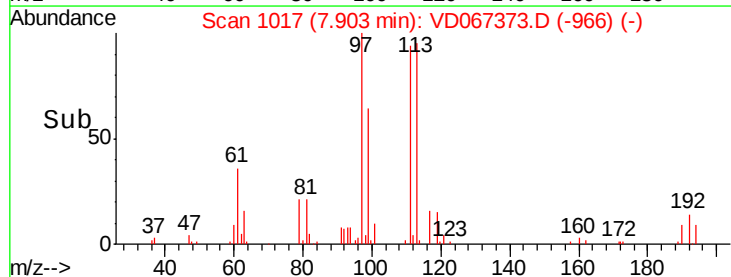
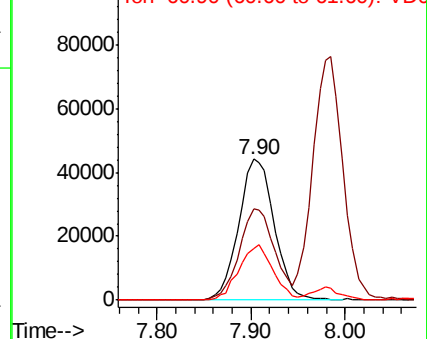
97 100

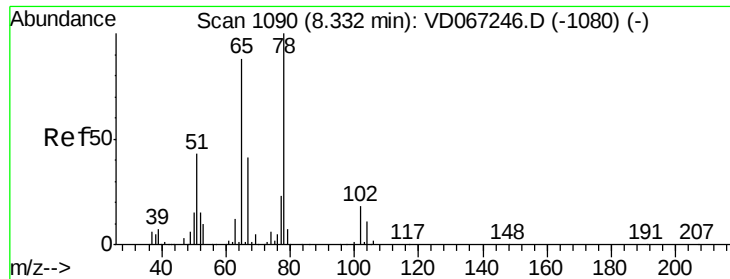
99 64.5 50.2 75.4

61 37.4 30.5 45.7



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

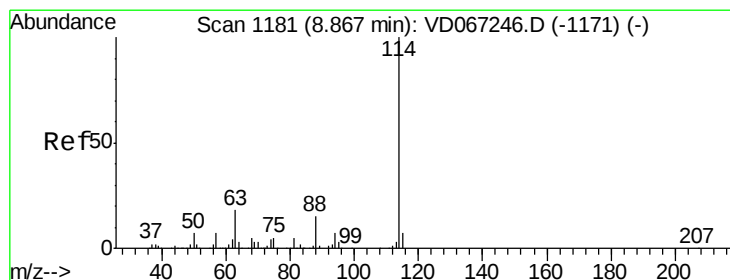
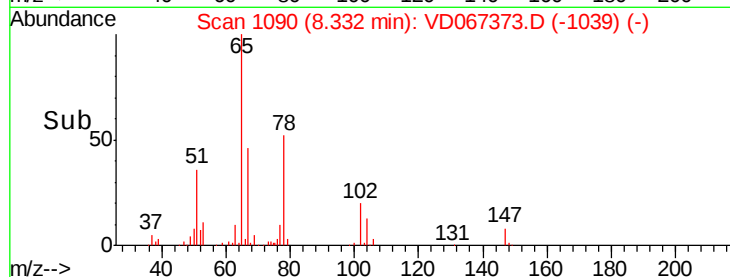
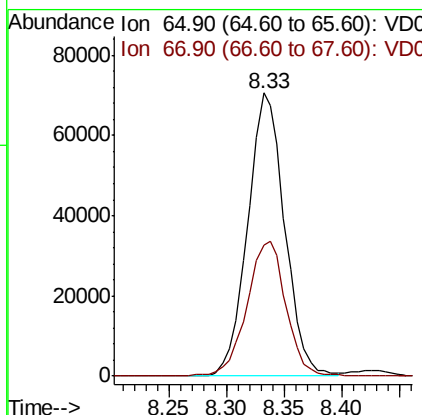
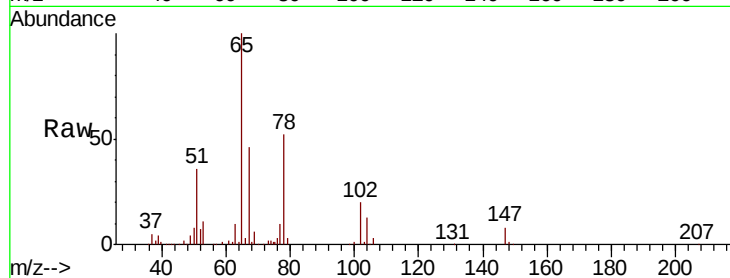




#33
 1,2-Dichloroethane-d4
 Concen: 51.462 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

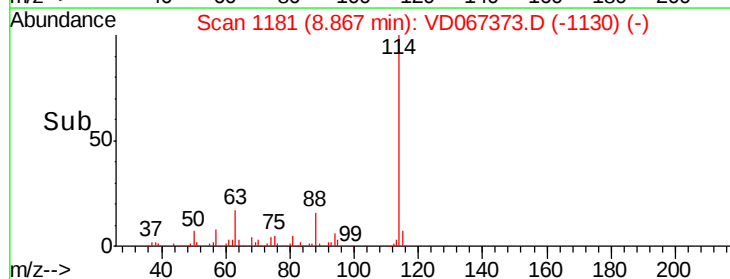
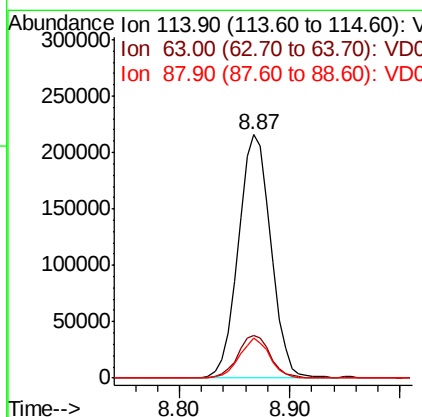
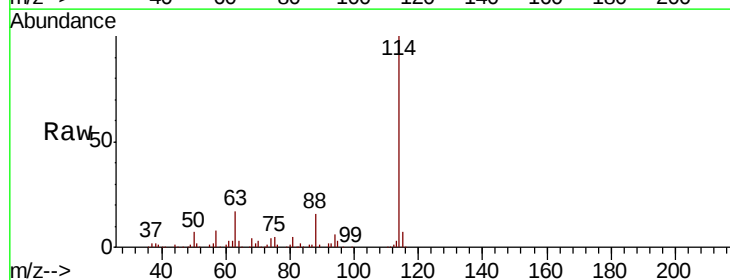
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

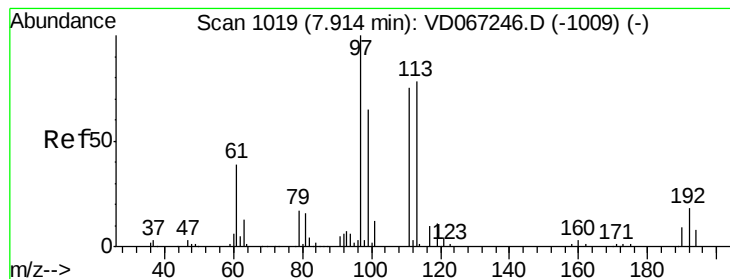
Tot Ion: 65 Resp: 157645
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Tgt Ion: 114 Resp: 448386
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.542 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

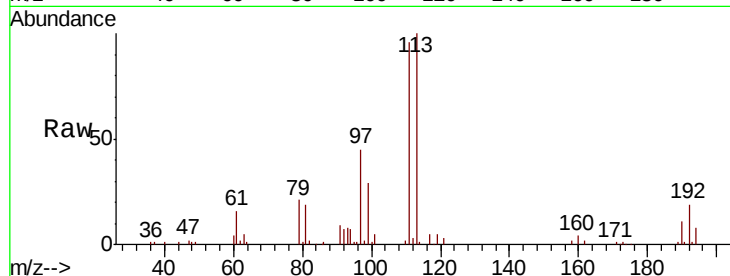
Tot Ion:113 Resp: 159771

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

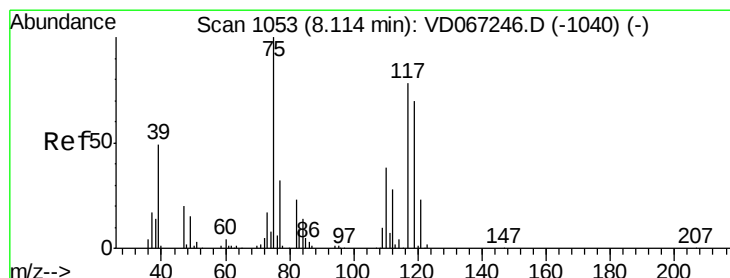
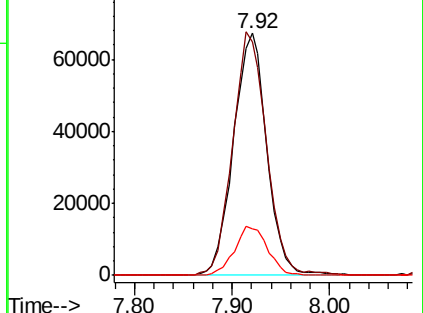
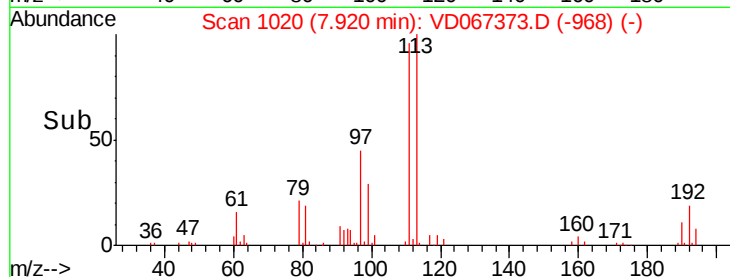
192 20.2 17.0 25.4



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: 21.387 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

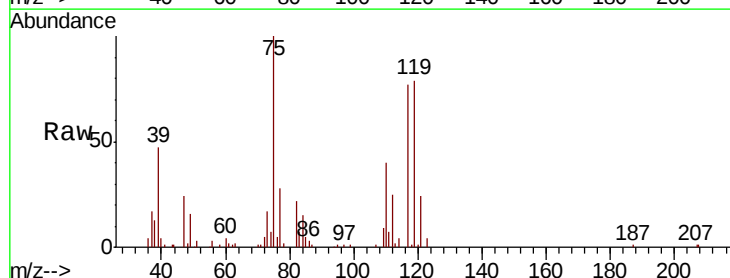
Tgt Ion: 75 Resp: 81277

Ion Ratio Lower Upper

75 100

110 39.3 19.6 58.7

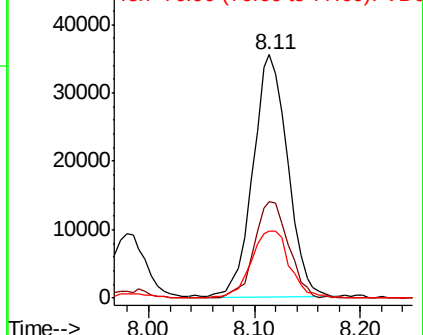
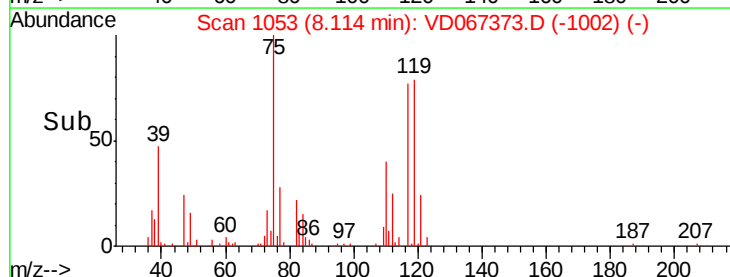
77 30.8 24.6 37.0

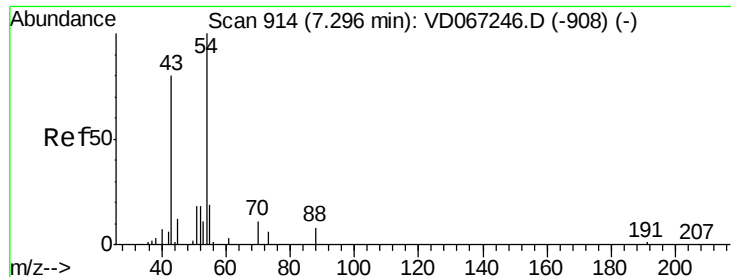


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

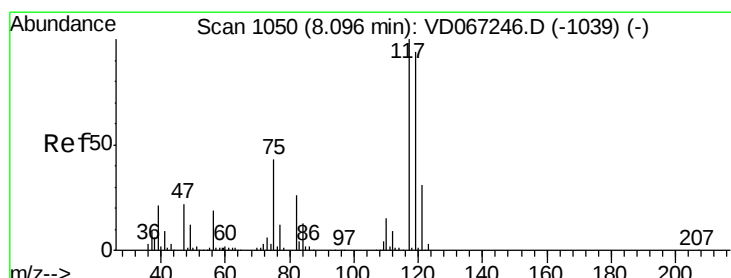
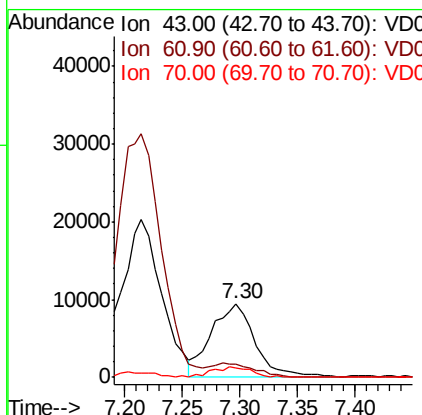
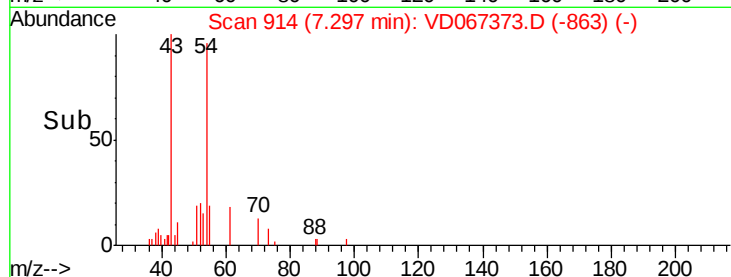
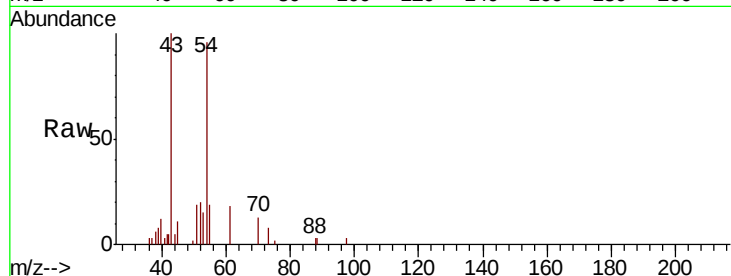




#37
Ethyl Acetate
Concen: 22.490 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

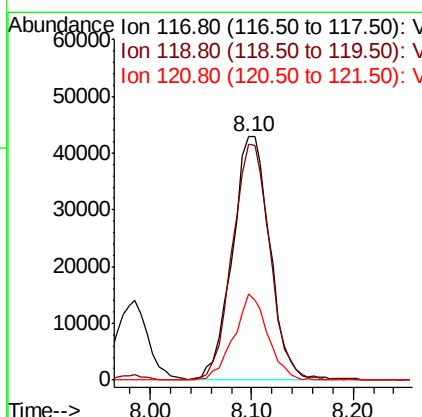
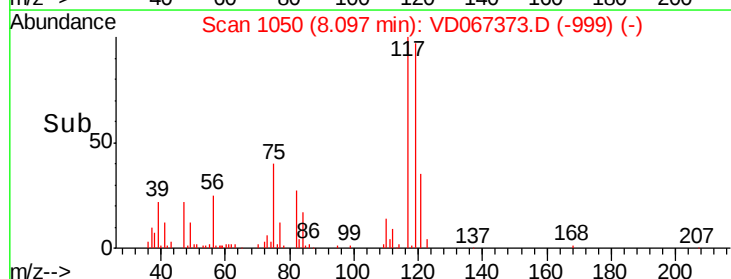
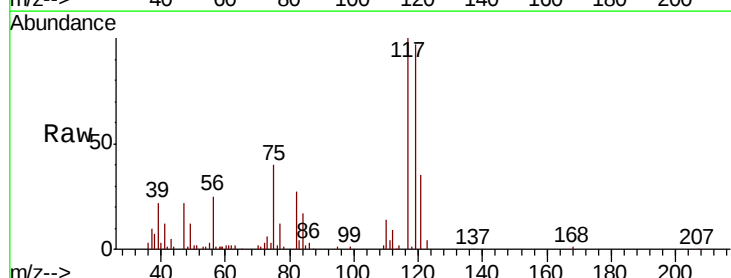
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

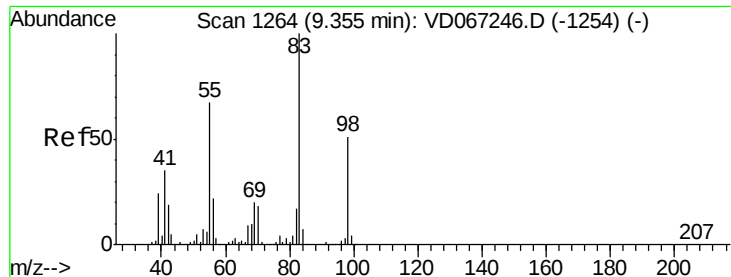
Tot Ion: 43 Resp: 25147
Ion Ratio Lower Upper
43 100
61 16.9 15.6 23.4
70 13.2 10.4 15.6



#38
Carbon Tetrachloride
Concen: 22.441 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 117 Resp: 109002
Ion Ratio Lower Upper
117 100
119 97.0 75.0 112.4
121 35.5 24.9 37.3

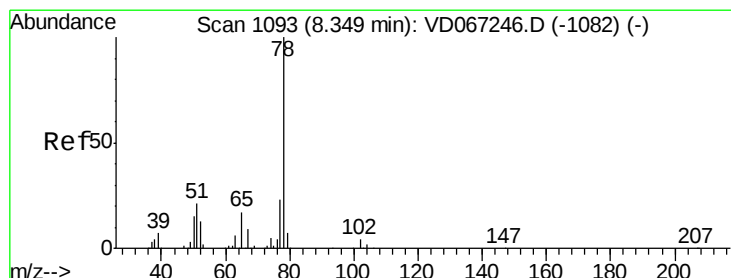
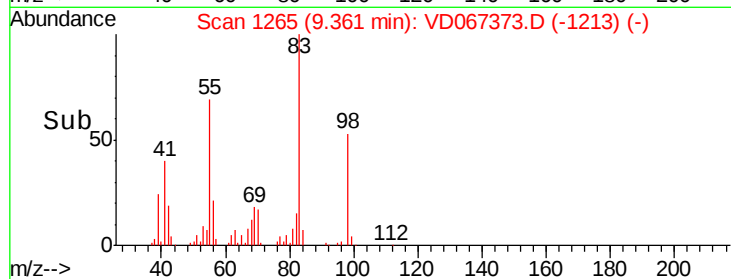
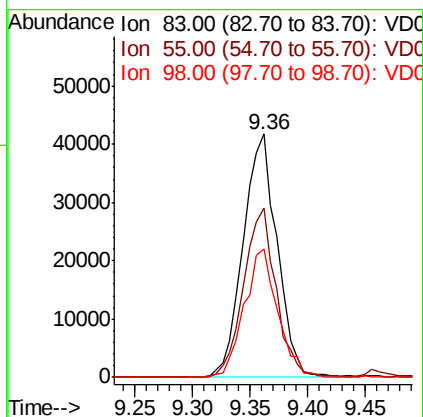
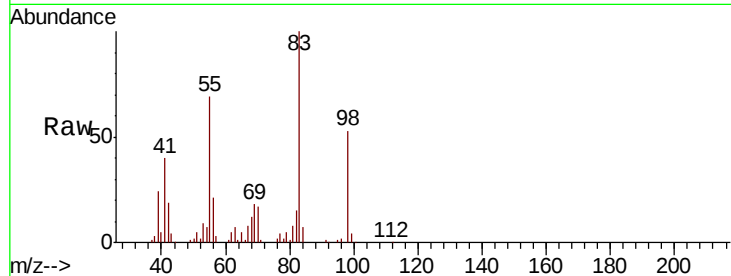




#39
Methvlcvclohexane
Concen: 21.515 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

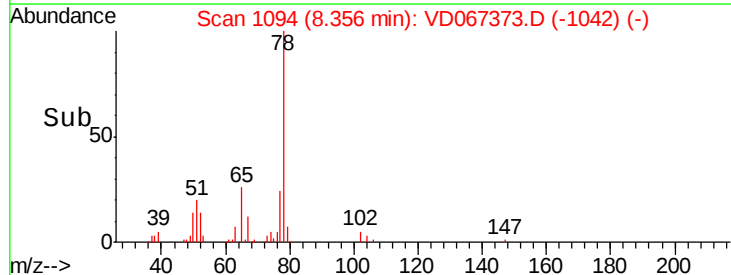
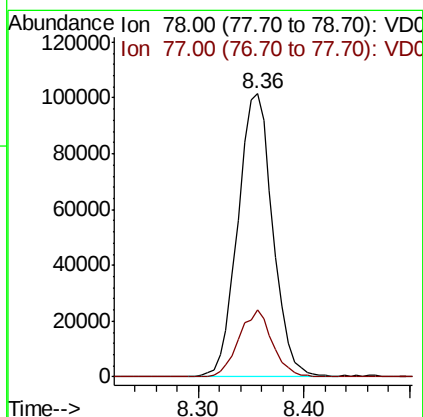
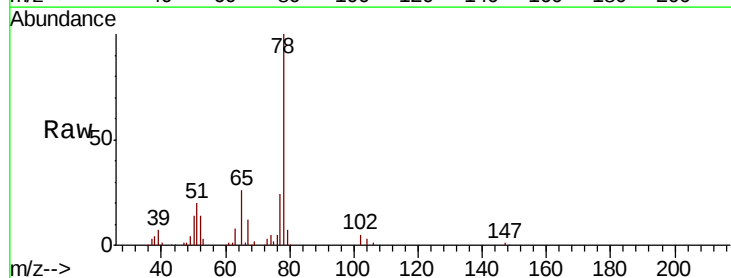
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

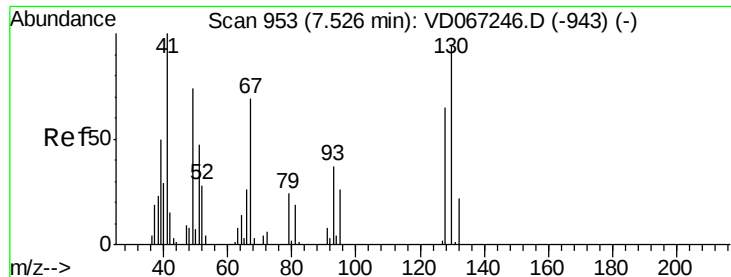
Tot Ion: 83 Resp: 85479
Ion Ratio Lower Upper
83 100
55 69.5 53.3 79.9
98 52.7 41.0 61.4



#40
Benzene
Concen: 22.321 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 78 Resp: 232718
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5





#41

Methacrylonitrile

Concen: 50.046 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.02 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

Tot Ion: 41 Resp: 30239

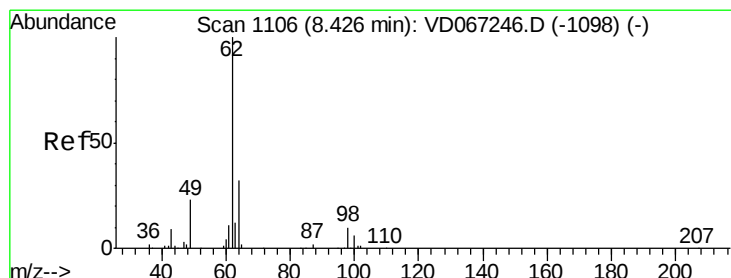
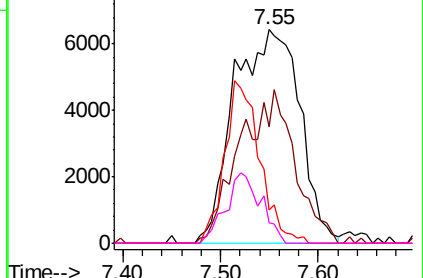
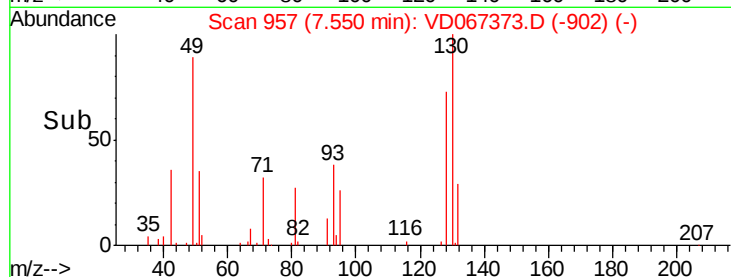
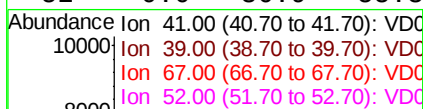
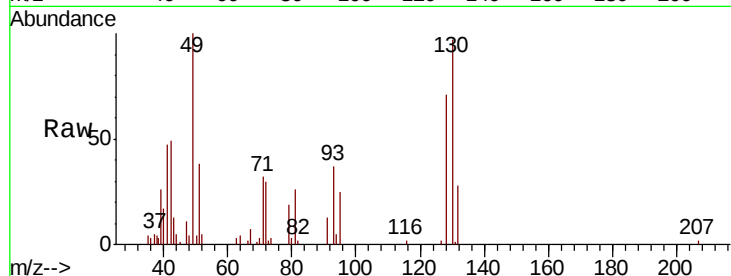
Ion Ratio Lower Upper

41 100

39 34.9 60.0 90.0#

67 0.0 88.9 133.3#

52 0.0 36.9 55.3#



#42

1,2-Dichloroethane

Concen: 21.164 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067373.D

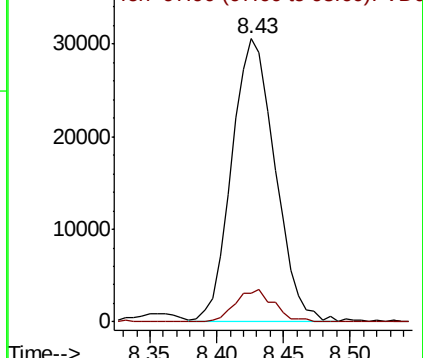
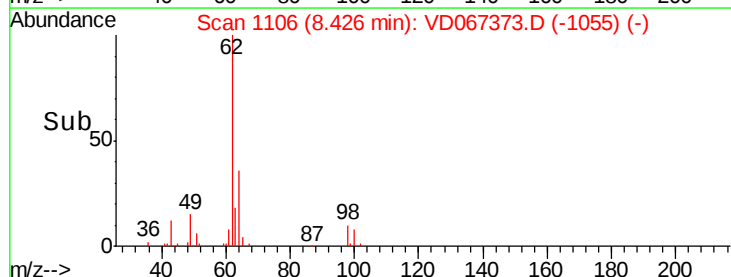
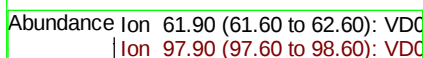
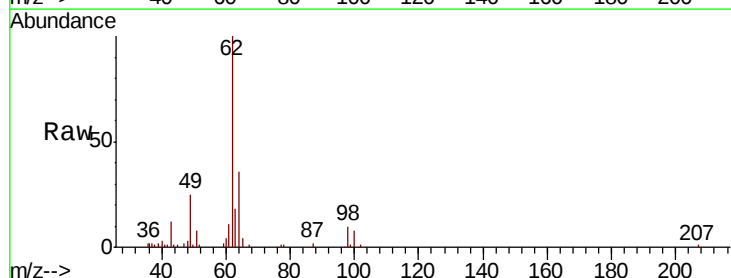
Acq: 23 Oct 2020 11:10

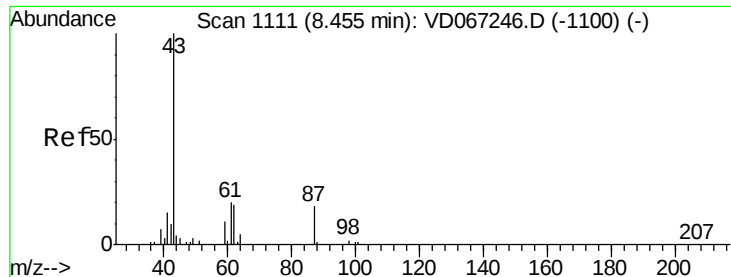
Tgt Ion: 62 Resp: 69054

Ion Ratio Lower Upper

62 100

98 10.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 20.963 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

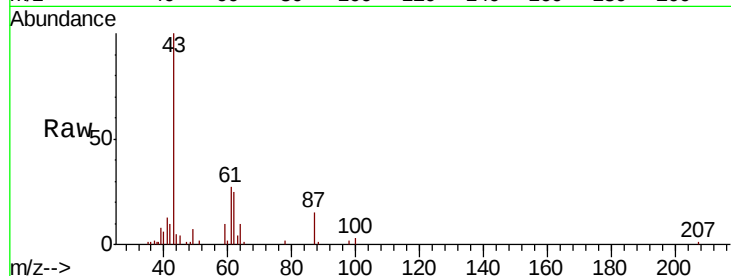
Tot Ion: 43 Resp: 46510

Ion Ratio Lower Upper

43 100

61 38.8 29.5 44.3

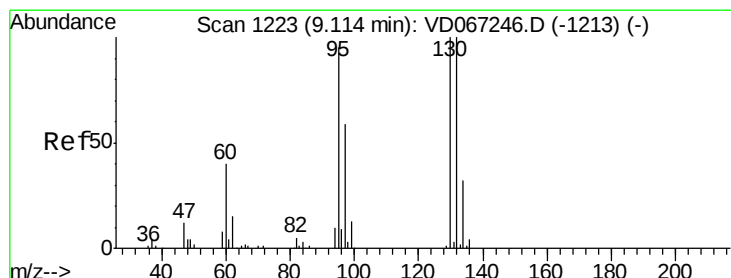
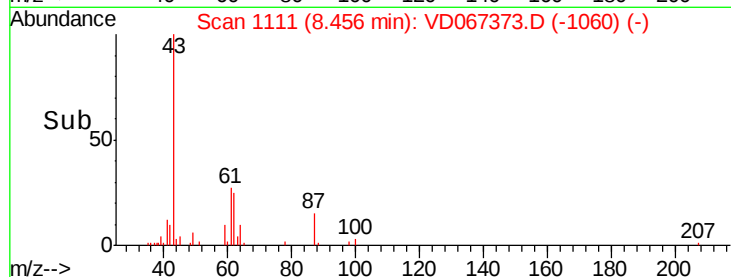
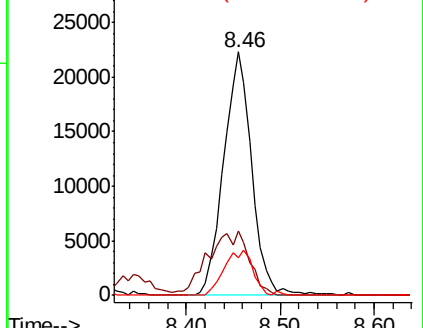
87 18.6 14.2 21.4



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: 22.338 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067373.D

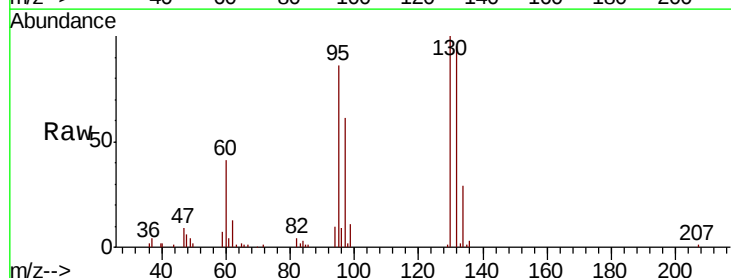
Acq: 23 Oct 2020 11:10

Tgt Ion:130 Resp: 74567

Ion Ratio Lower Upper

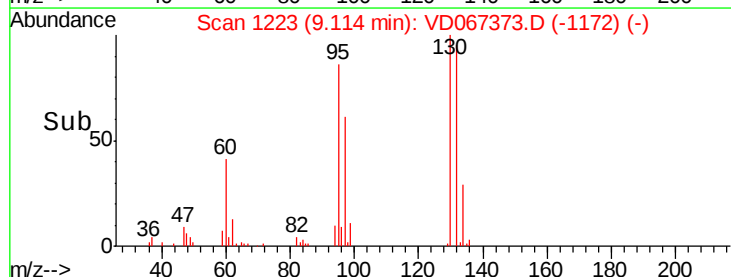
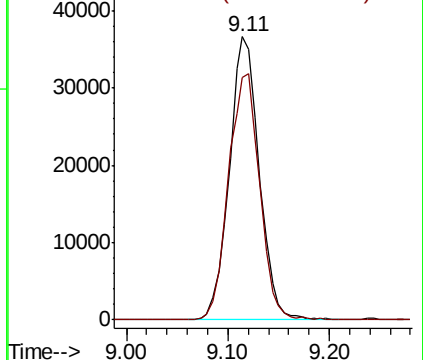
130 100

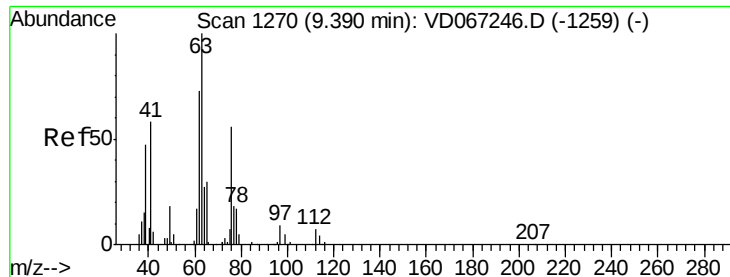
95 85.8 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.858 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

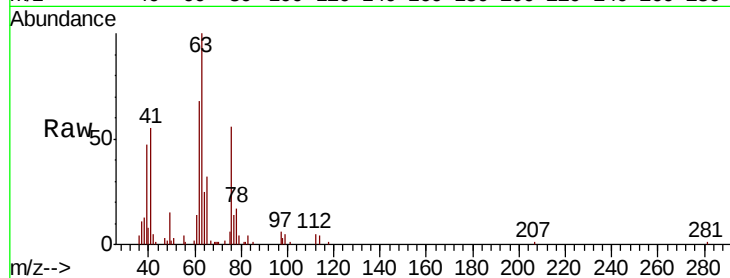
VD1023SBS01

Tot Ion: 63 Resp: 52814

Ion Ratio Lower Upper

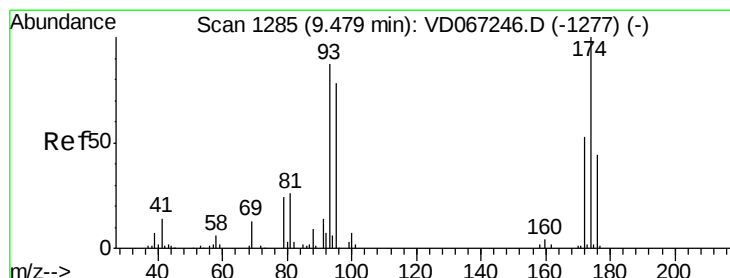
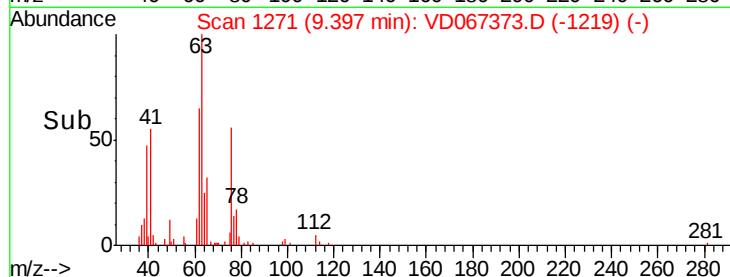
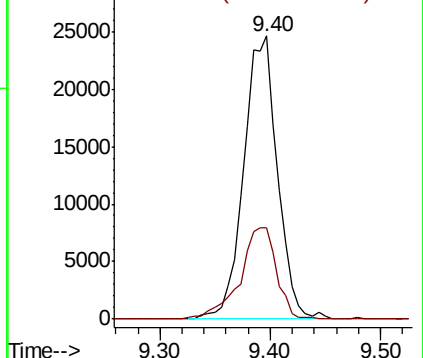
63 100

65 32.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.385 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

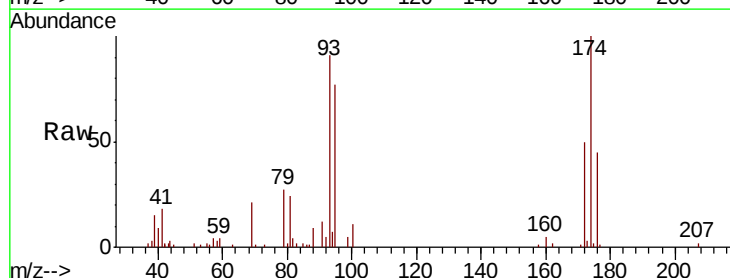
Tgt Ion: 93 Resp: 32194

Ion Ratio Lower Upper

93 100

95 87.2 68.0 102.0

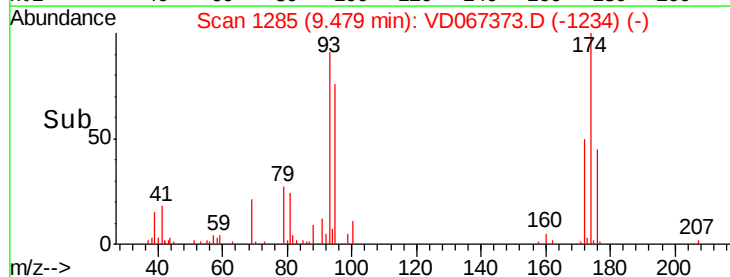
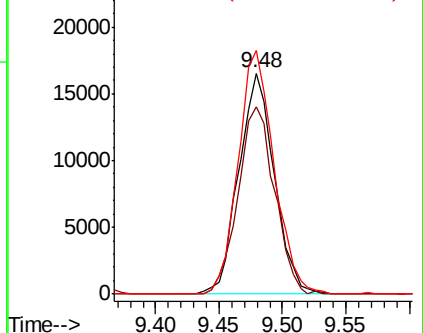
174 111.1 91.8 137.6

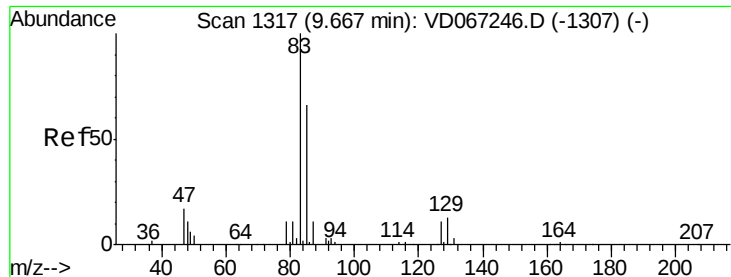


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC

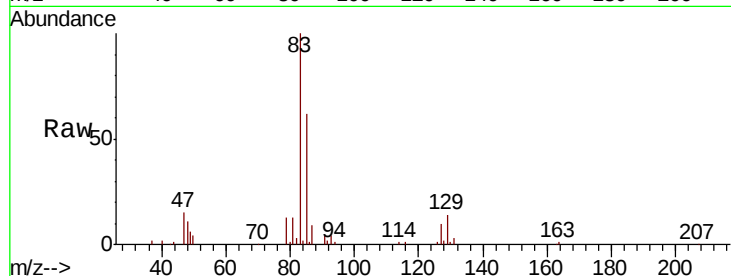




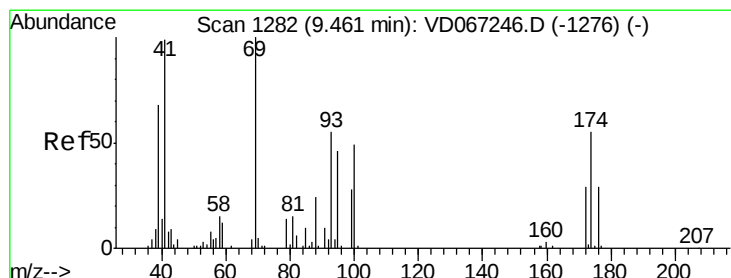
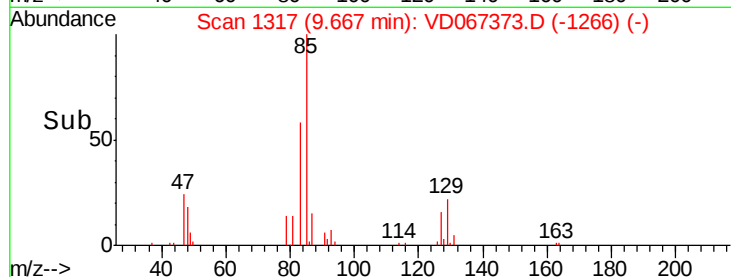
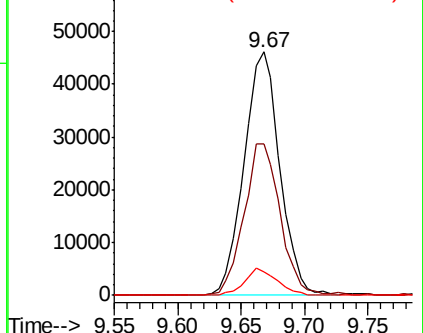
#47
Bromodichloromethane
Concen: 22.500 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

Tot Ion: 83 Resp: 90755
Ion Ratio Lower Upper
83 100
85 62.3 53.1 79.7
127 9.8 8.6 13.0

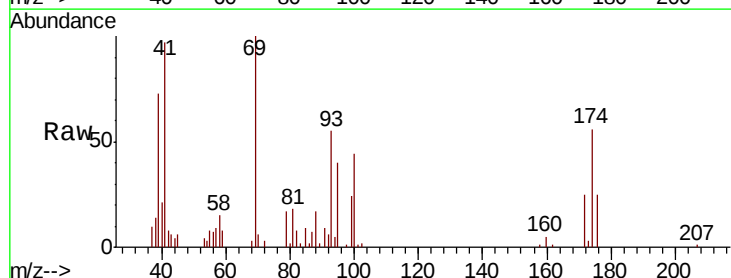


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

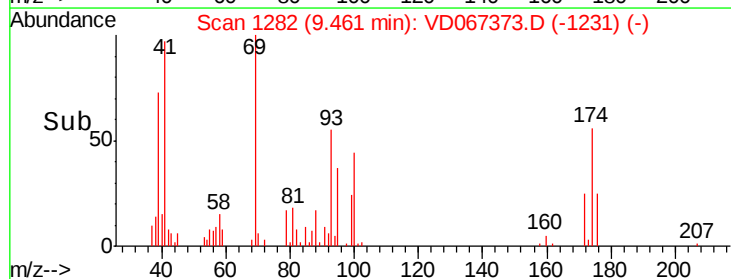
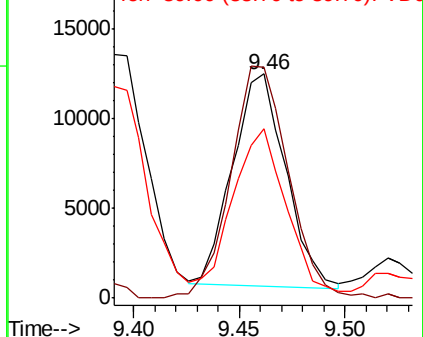


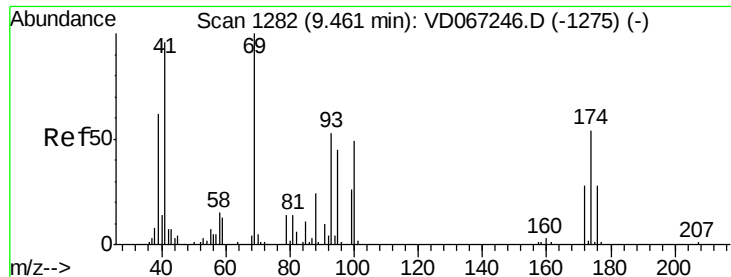
#48
Methyl methacrylate
Concen: 19.108 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 41 Resp: 20602
Ion Ratio Lower Upper
41 100
69 119.1 89.0 133.6
39 75.4 60.2 90.2



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

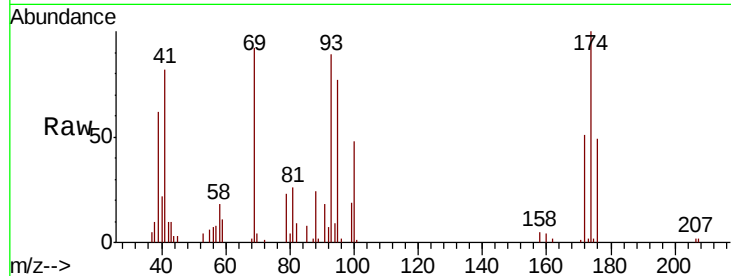




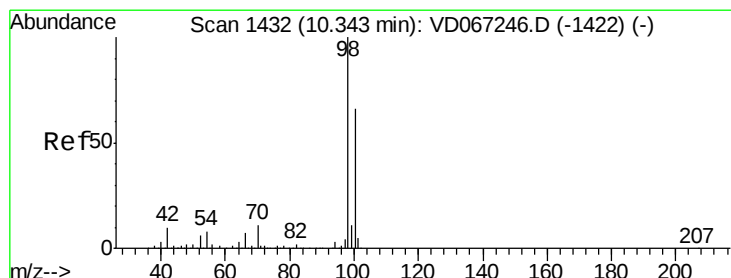
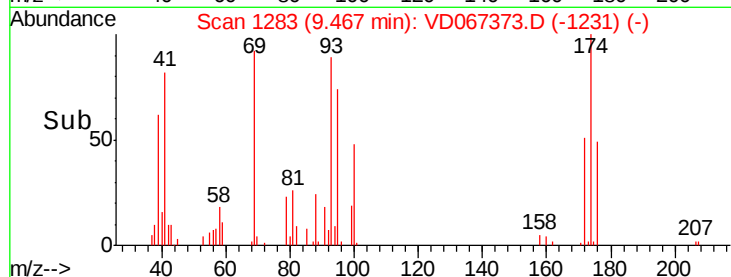
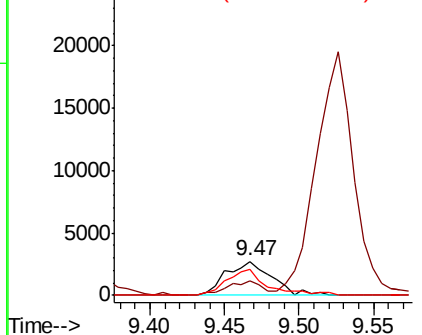
#49
1,4-Dioxane
Concen: 373.524 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

Tot Ion: 88 Resp: 5719
Ion Ratio Lower Upper
88 100
43 32.0 23.9 35.9
58 69.4 51.0 76.6

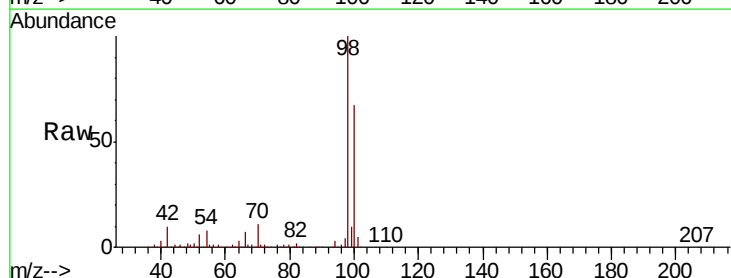


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

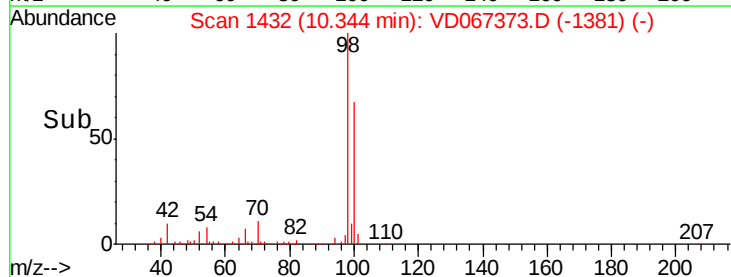
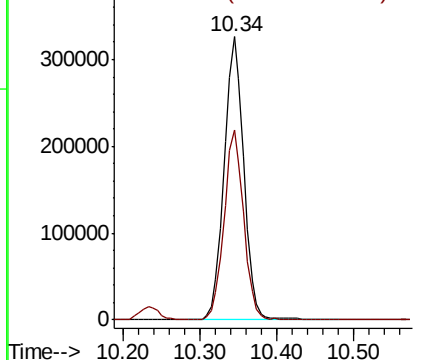


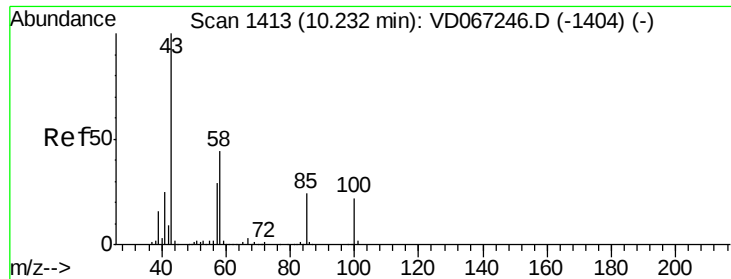
#50
Toluene-d8
Concen: 53.717 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 98 Resp: 580086
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



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: 103.591 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

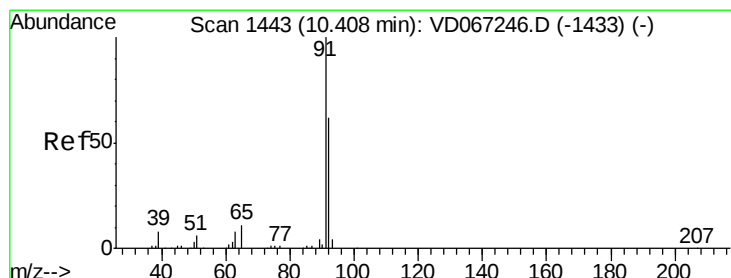
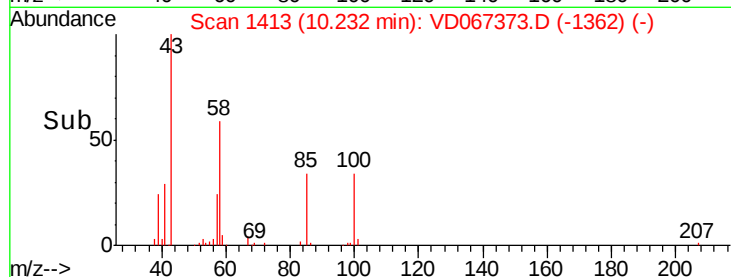
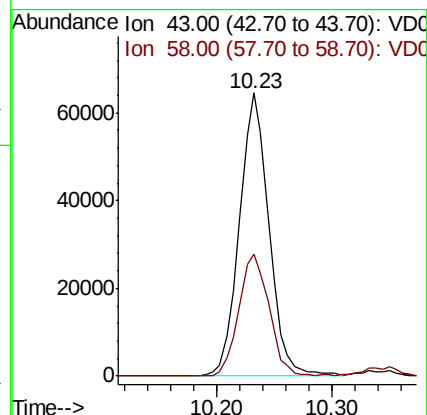
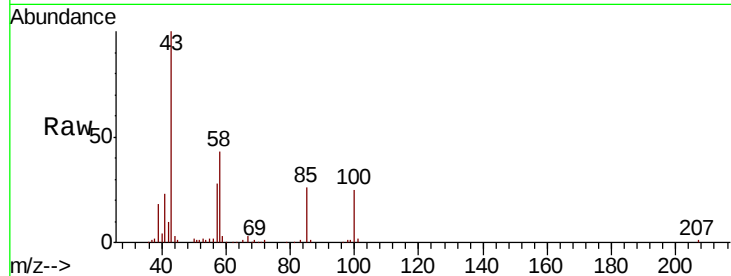
VD1023SBS01

Tot Ion: 43 Resp: 114635

Ion Ratio Lower Upper

43 100

58 44.0 35.7 53.5



#52

Toluene

Concen: 22.423 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067373.D

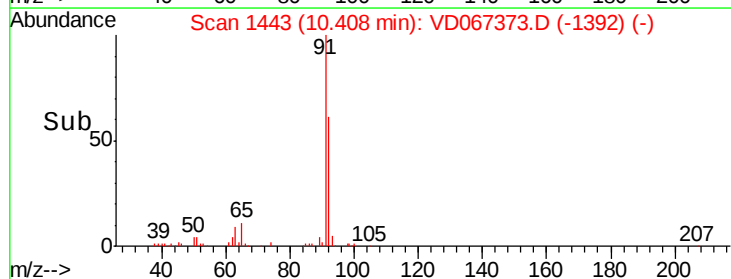
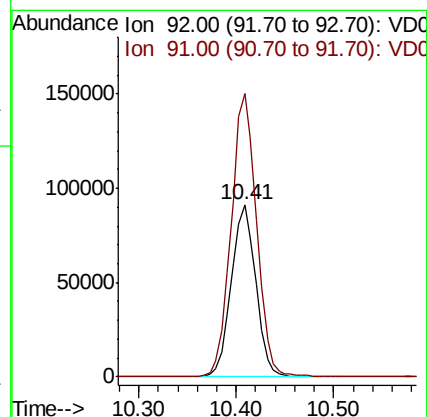
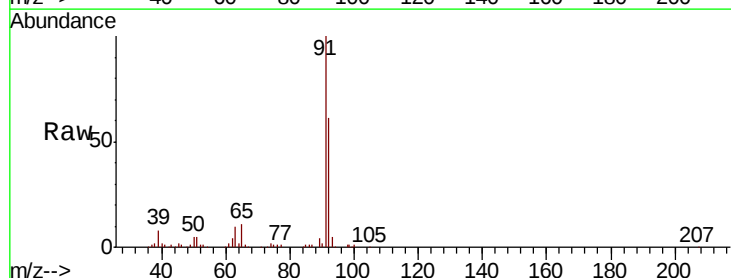
Acq: 23 Oct 2020 11:10

Tgt Ion: 92 Resp: 159229

Ion Ratio Lower Upper

92 100

91 170.3 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 21.129 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

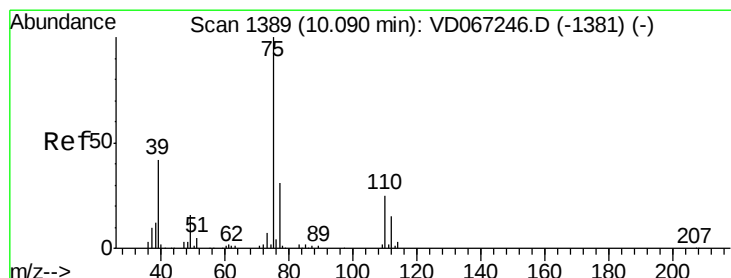
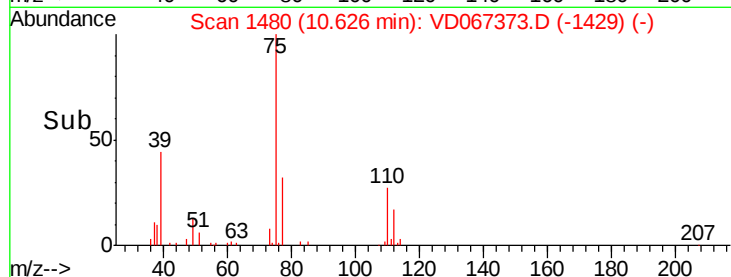
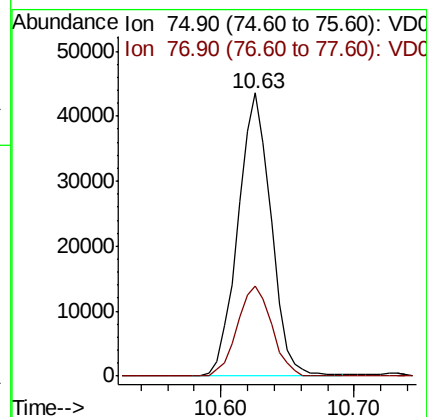
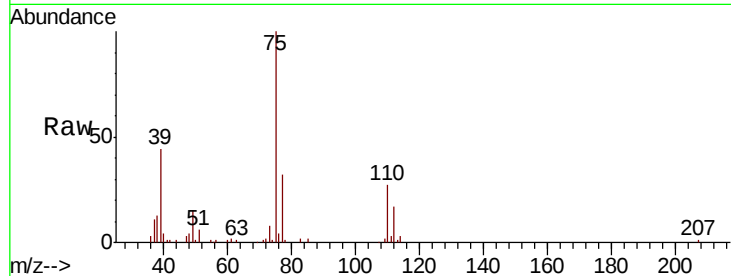
VD1023SBS01

Tot Ion: 75 Resp: 74866

Ion Ratio Lower Upper

75 100

77 32.0 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 21.374 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

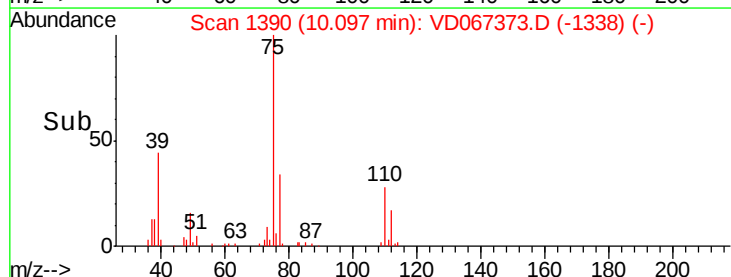
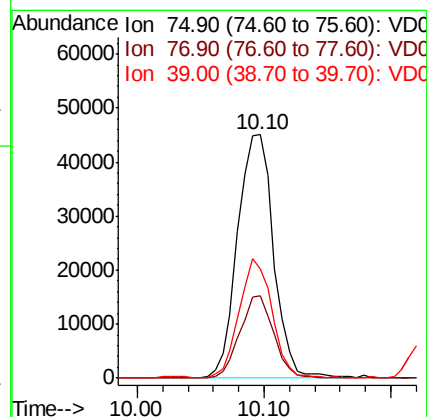
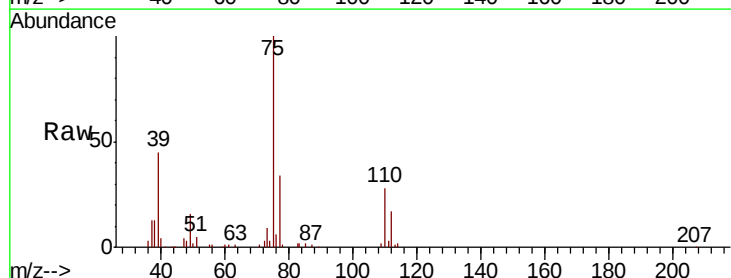
Tgt Ion: 75 Resp: 88630

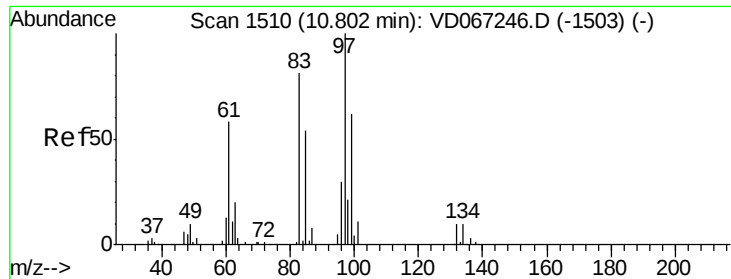
Ion Ratio Lower Upper

75 100

77 33.7 24.5 36.7

39 44.7 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 20.950 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

Tot Ion: 97 Resp: 43008

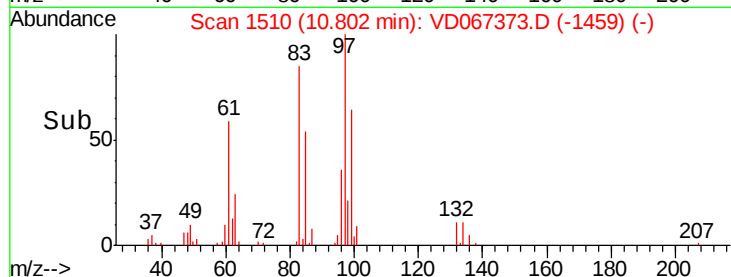
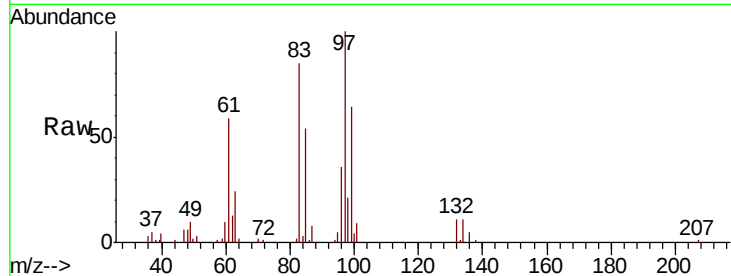
Ion	Ratio	Lower	Upper
97	100		
83	85.1	64.9	97.3
85	54.3	43.3	64.9
99	63.8	49.1	73.7

97 100

83 85.1 64.9 97.3

85 54.3 43.3 64.9

99 63.8 49.1 73.7

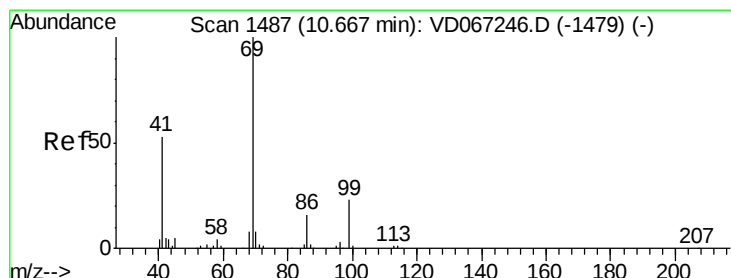
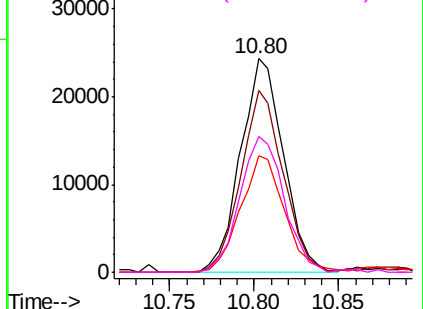


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 20.837 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

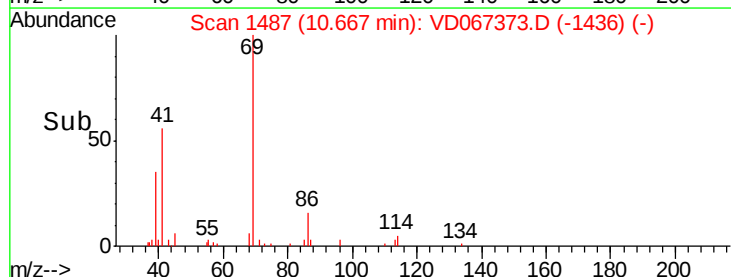
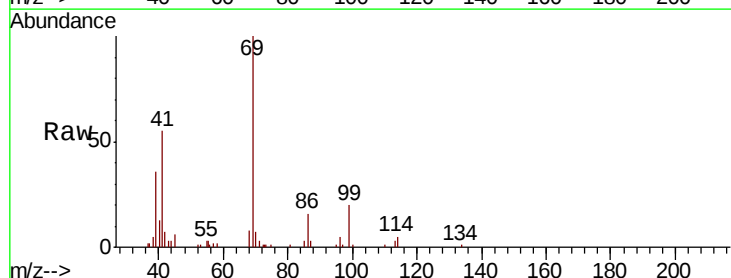
Tgt Ion: 69 Resp: 44364

Ion	Ratio	Lower	Upper
69	100		
41	57.2	44.7	67.1
39	34.2	26.2	39.2

69 100

41 57.2 44.7 67.1

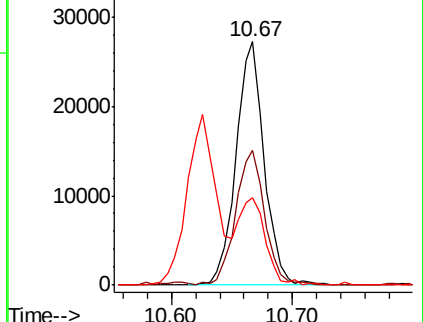
39 34.2 26.2 39.2

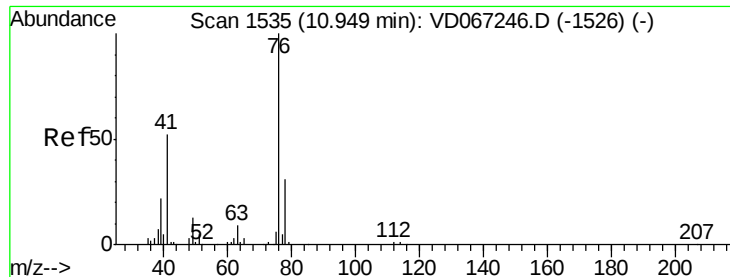


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.739 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

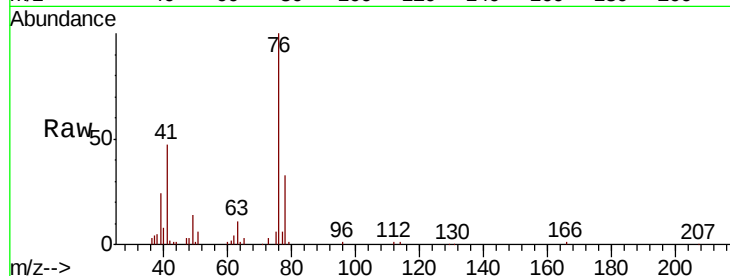
VD1023SBS01

Tot Ion: 76 Resp: 71024

Ion Ratio Lower Upper

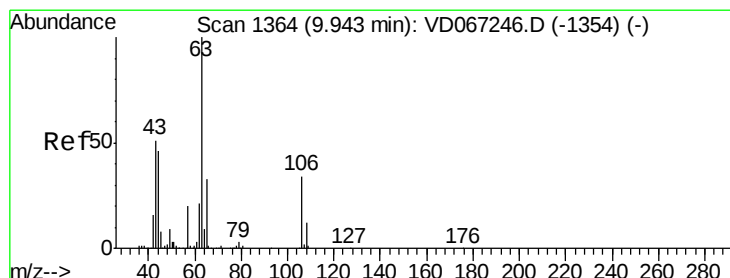
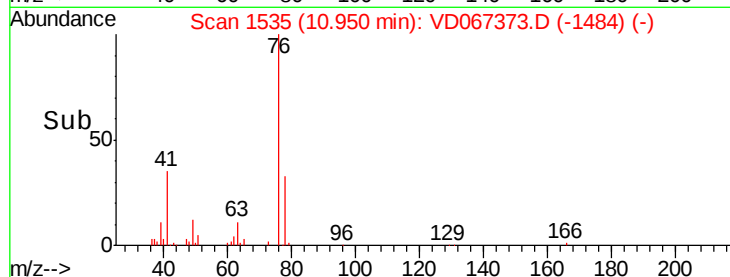
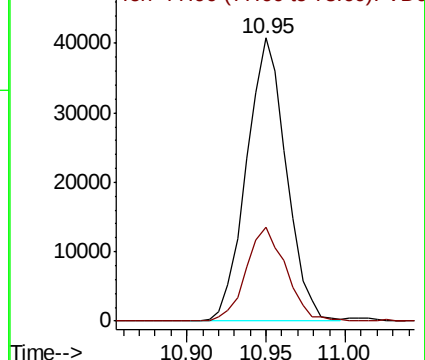
76 100

78 33.3 26.8 40.2



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: 104.422 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067373.D

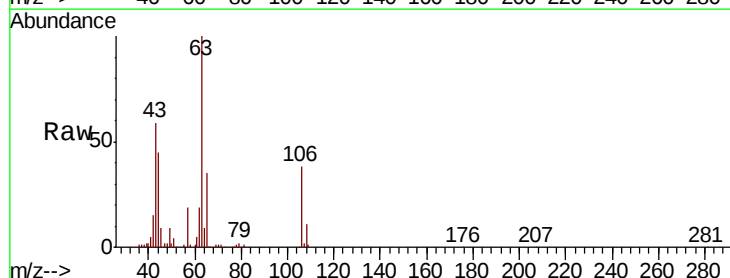
Acq: 23 Oct 2020 11:10

Tgt Ion: 63 Resp: 114052

Ion Ratio Lower Upper

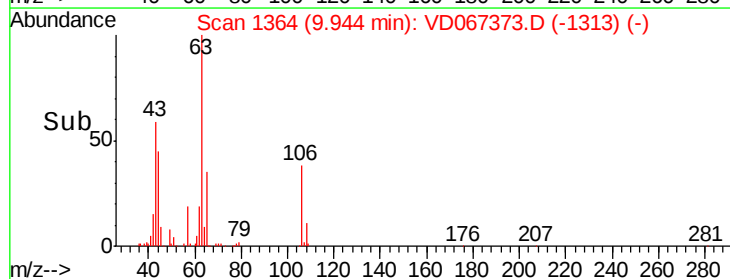
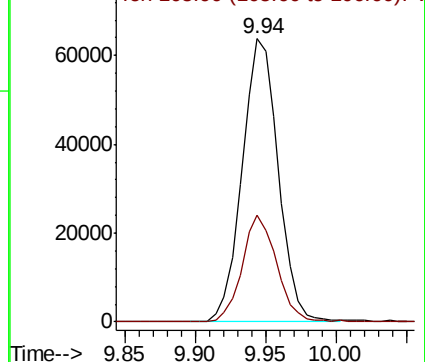
63 100

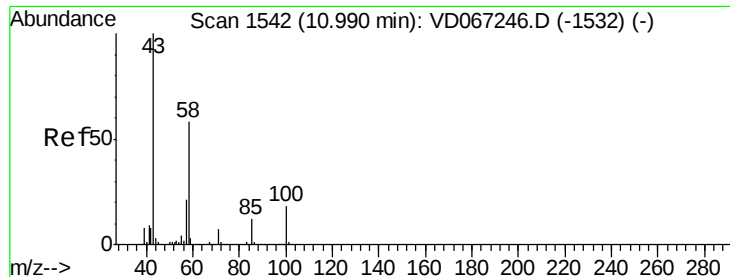
106 36.1 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

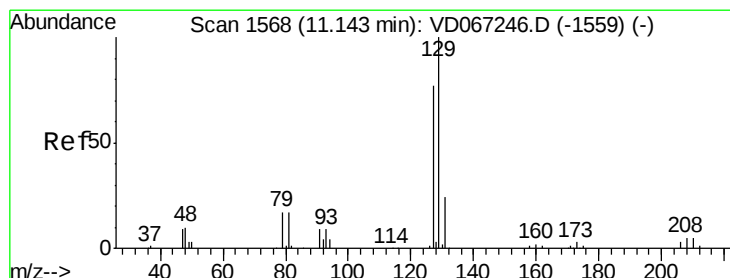
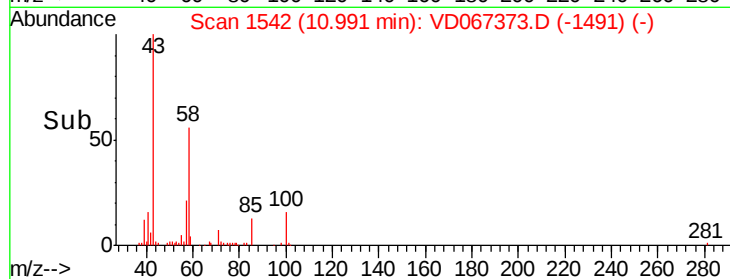
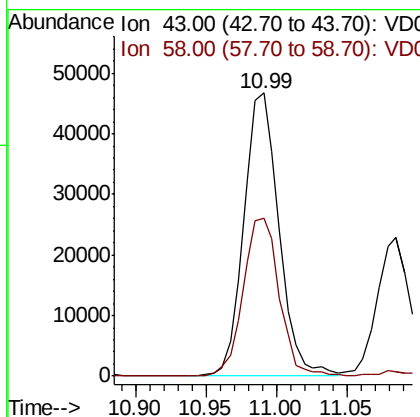
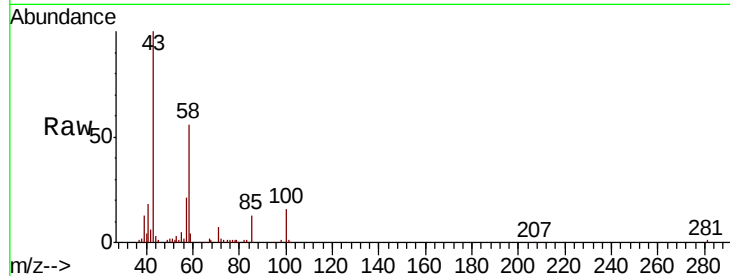




#59
2-Hexanone
Concen: 107.934 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

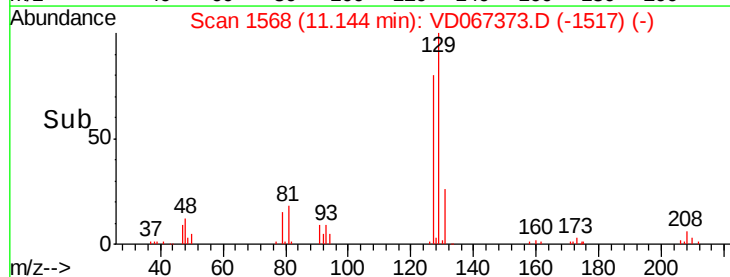
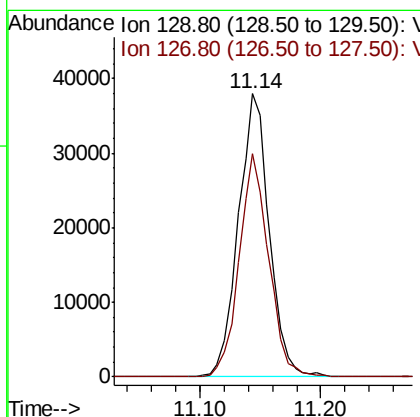
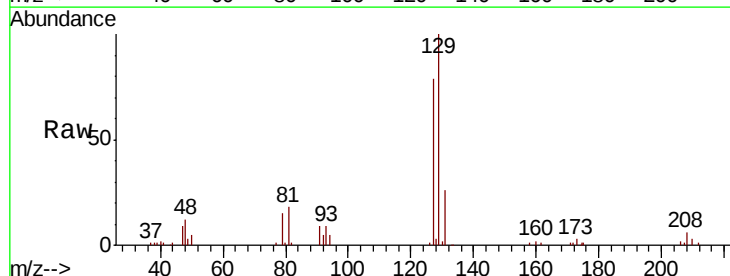
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

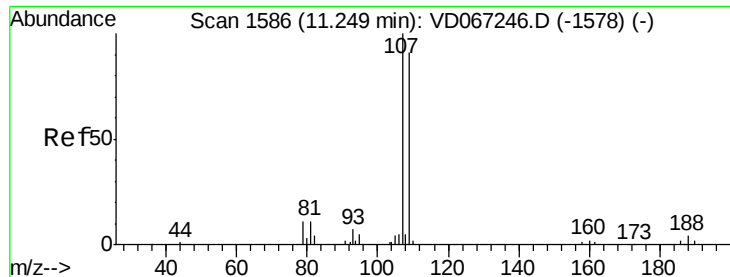
Tot Ion: 43 Resp: 81617
Ion Ratio Lower Upper
43 100
58 57.4 29.3 87.9



#60
Dibromochloromethane
Concen: 22.585 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 129 Resp: 67617
Ion Ratio Lower Upper
129 100
127 75.6 38.3 114.8

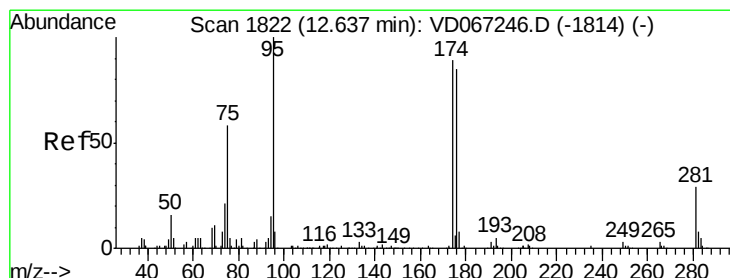
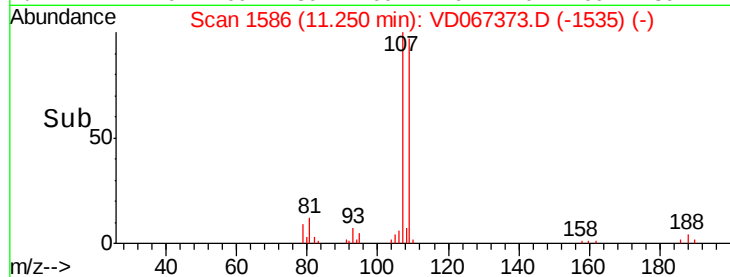
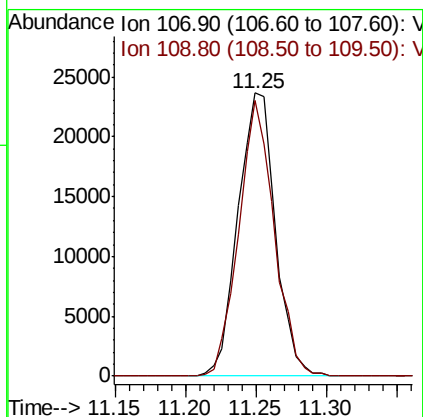
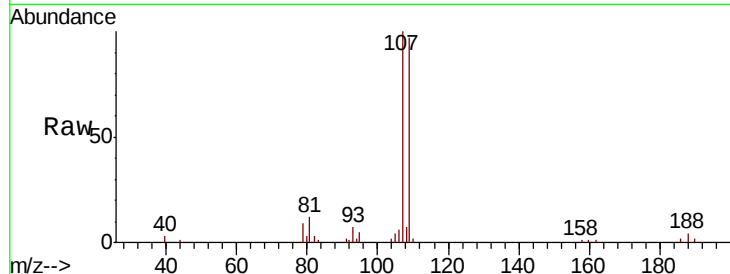




#61
 1,2-Dibromoethane
 Concen: 21.636 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

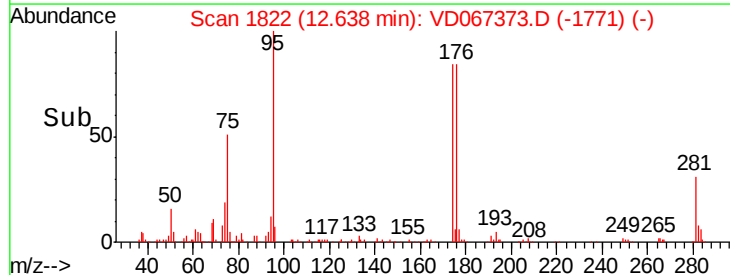
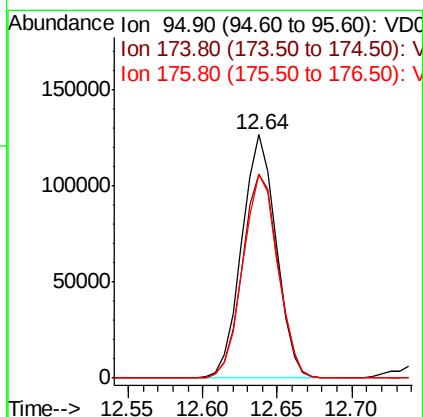
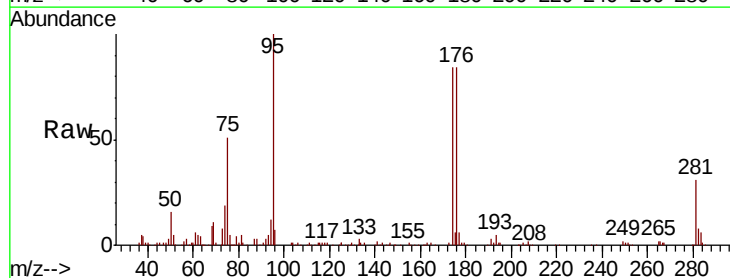
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

Tot Ion:107 Resp: 43788
 Ion Ratio Lower Upper
 107 100
 109 92.2 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 53.763 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Tgt Ion: 95 Resp: 201881
 Ion Ratio Lower Upper
 95 100
 174 86.8 0.0 175.2
 176 85.1 0.0 168.6

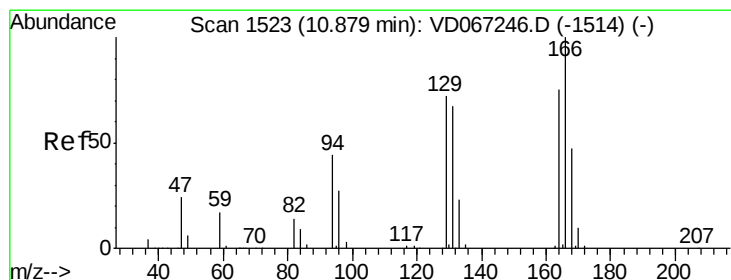
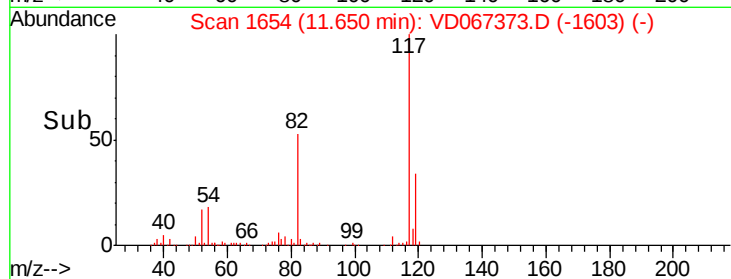
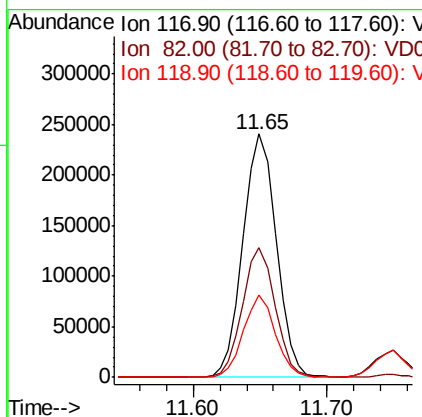
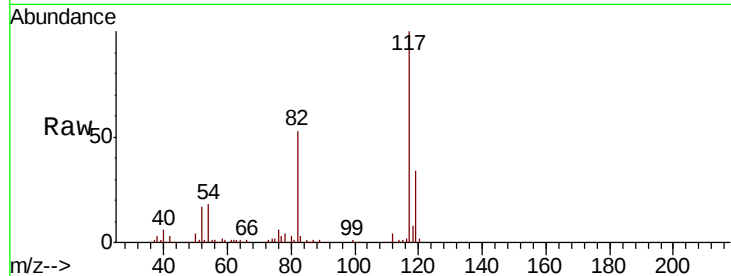




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

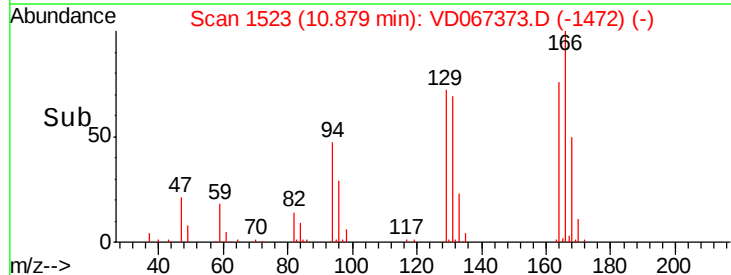
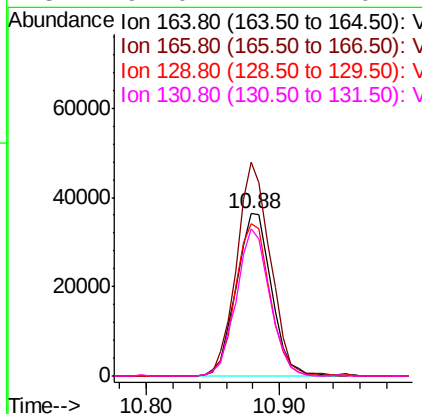
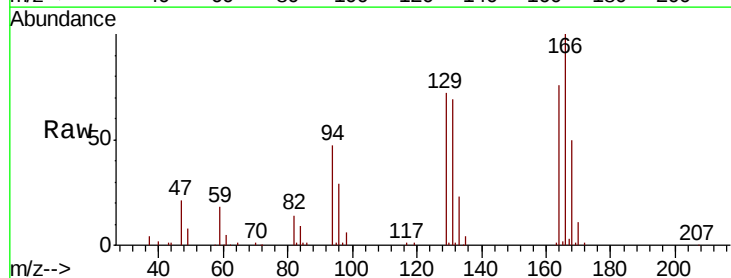
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

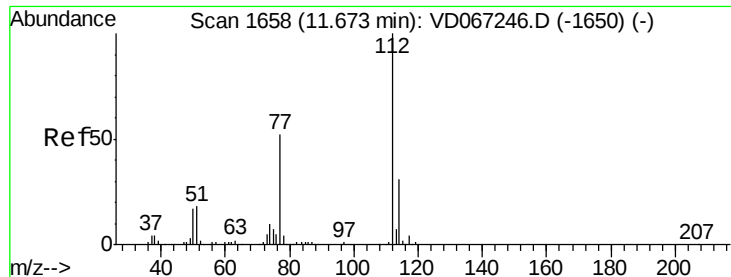
Tot Ion:117 Resp: 416978
Ion Ratio Lower Upper
117 100
82 53.4 39.9 59.9
119 33.6 24.9 37.3



#64
Tetrachloroethene
Concen: 22.060 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion:164 Resp: 66647
Ion Ratio Lower Upper
164 100
166 131.8 107.3 160.9
129 94.4 77.3 115.9
131 91.0 71.4 107.2

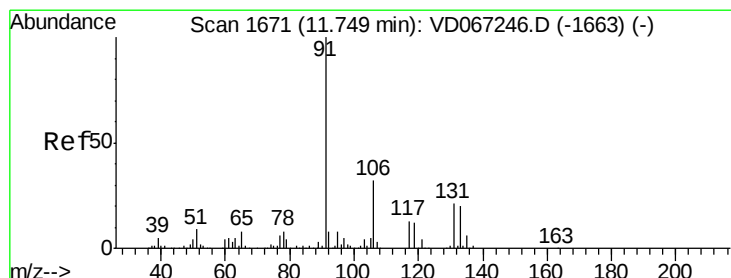
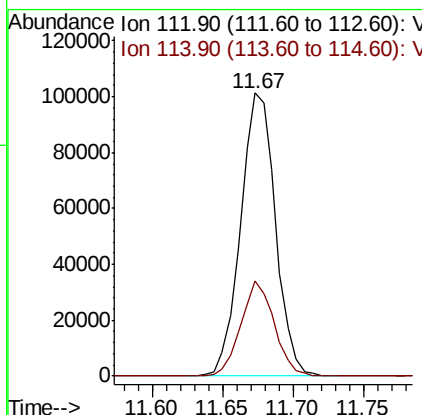
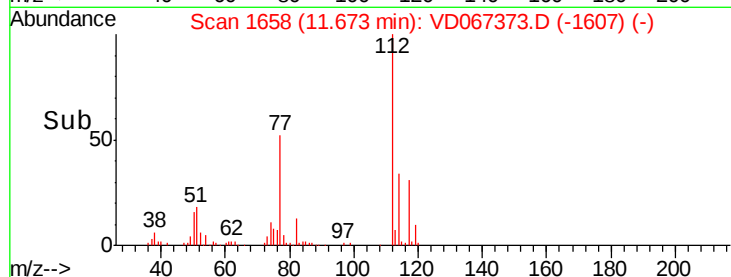
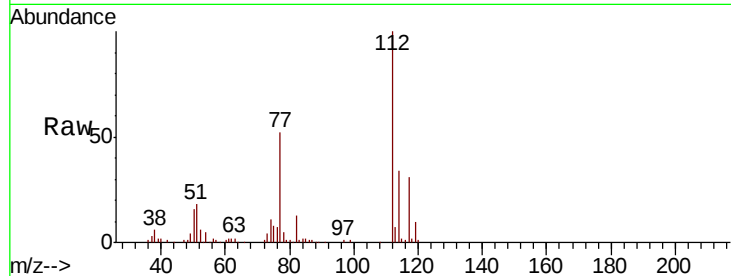




#65
Chlorobenzene
Concen: 21.916 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

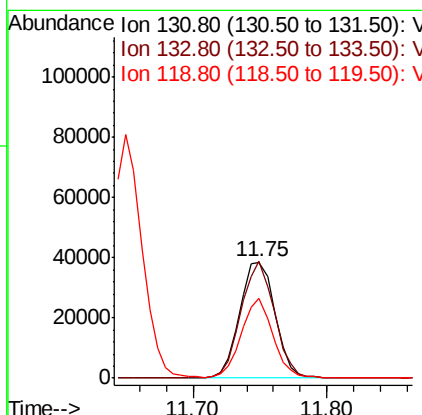
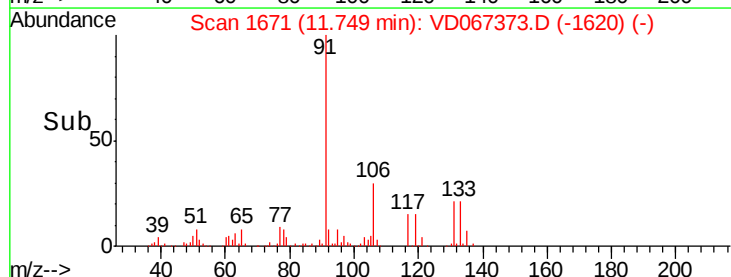
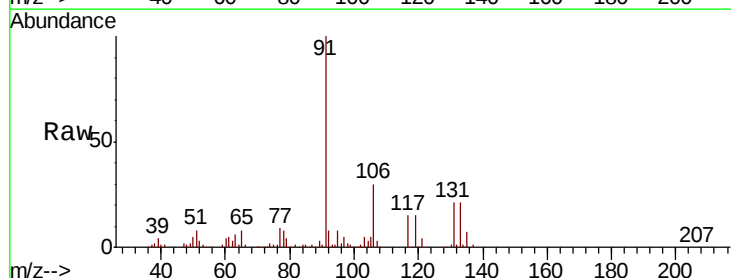
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

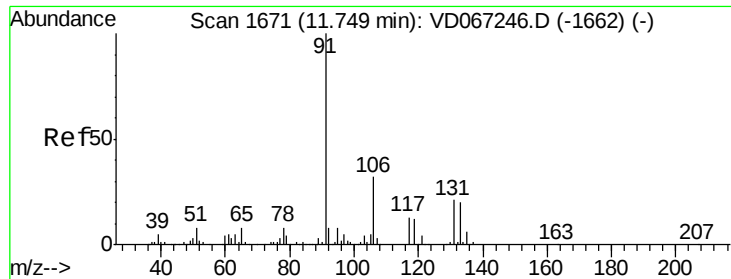
Tot Ion:112 Resp: 175239
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.163 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion:131 Resp: 70434
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.3
119 62.1 30.0 90.0

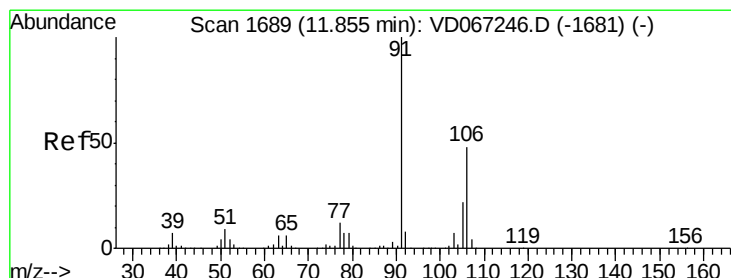
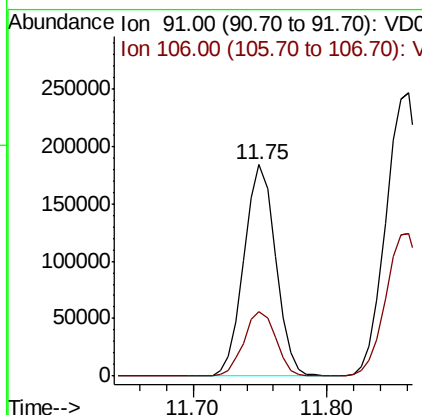
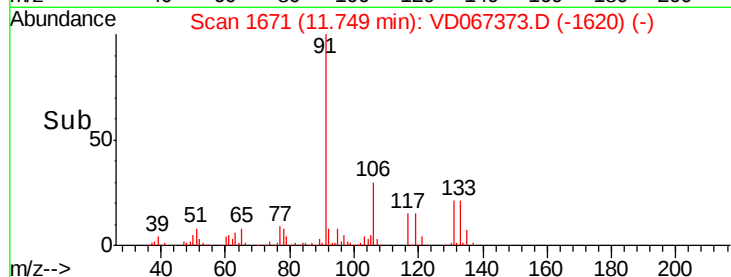
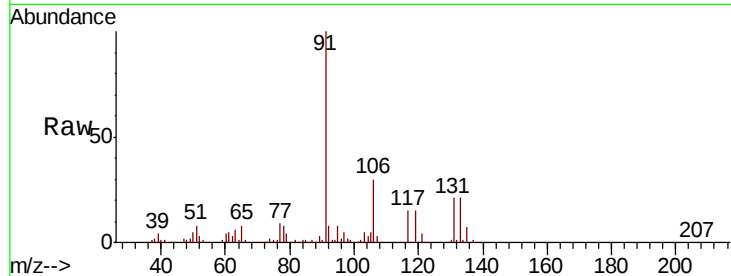




#67
Ethyl Benzene
Concen: 22.084 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

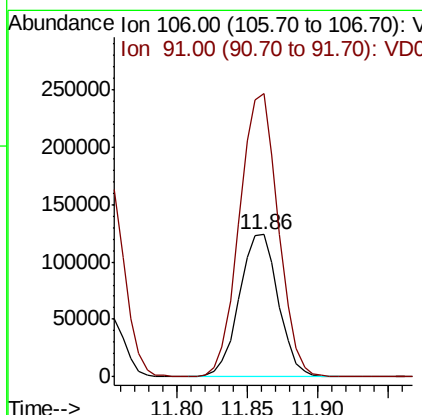
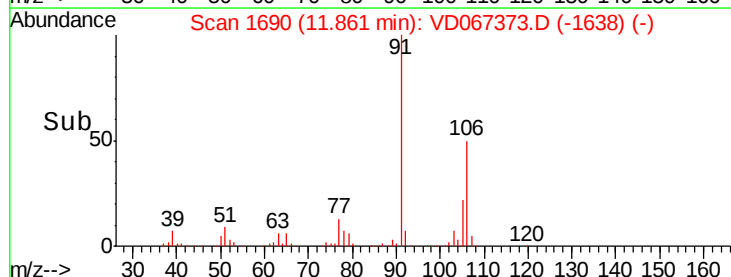
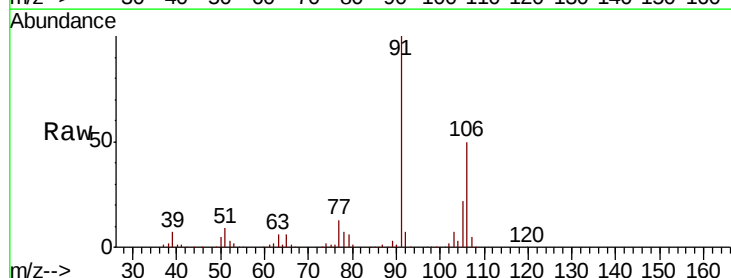
Instrument :
MSVOA_D
ClientSampleID :
VD1023SBS01

Tot Ion: 91 Resp: 302705
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.0



#68
m/p-Xylenes
Concen: 45.422 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 106 Resp: 239748
Ion Ratio Lower Upper
106 100
91 198.2 163.8 245.8

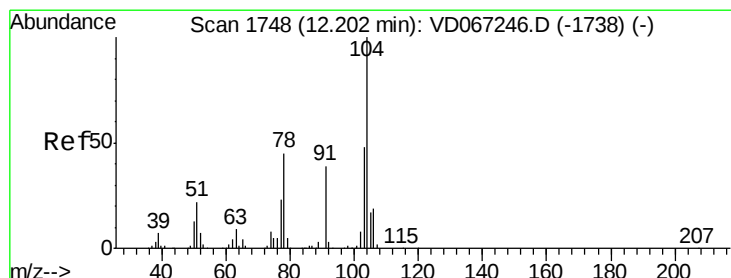
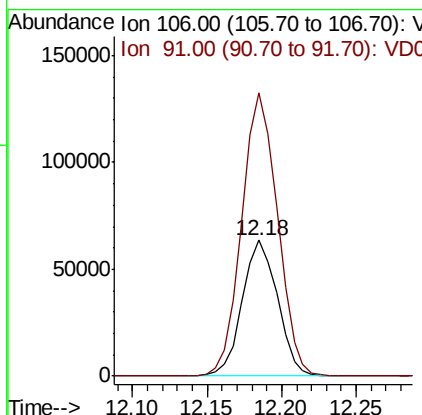
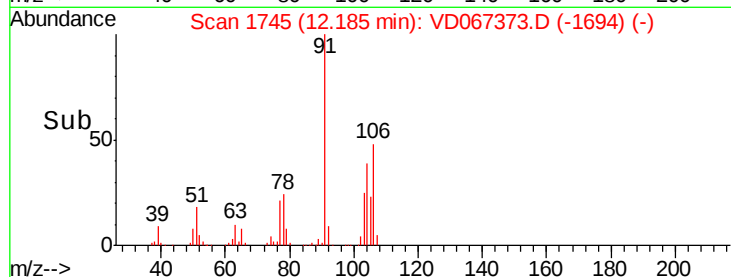
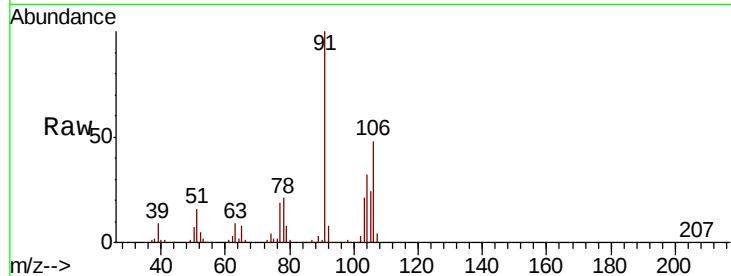




#69
o-Xylene
Concen: 21.294 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

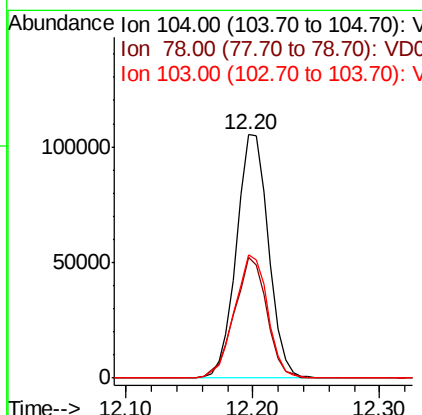
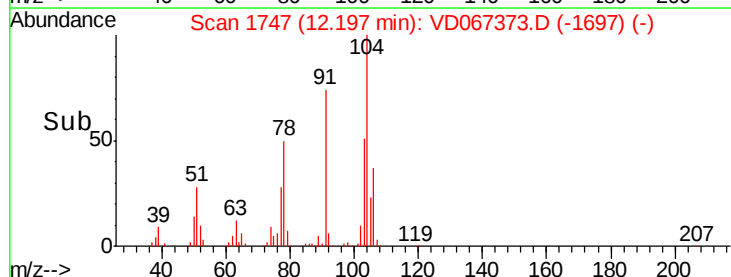
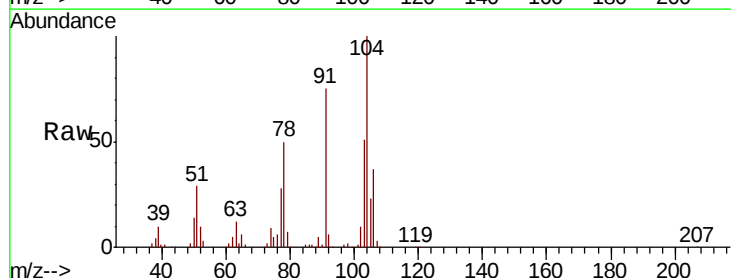
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

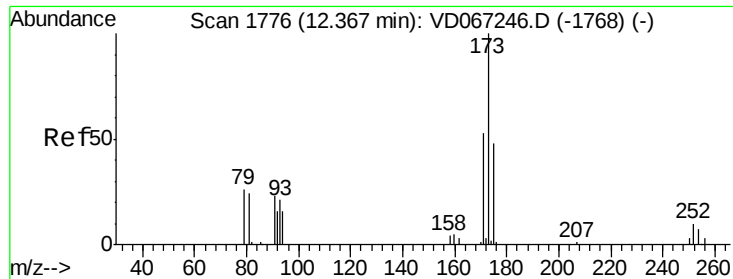
Tot Ion:106 Resp: 104079
Ion Ratio Lower Upper
106 100
91 212.4 109.1 327.3



#70
Styrene
Concen: 21.983 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion:104 Resp: 184957
Ion Ratio Lower Upper
104 100
78 50.1 39.8 59.6
103 52.4 42.6 64.0





#71

Bromoform

Concen: 22.300 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

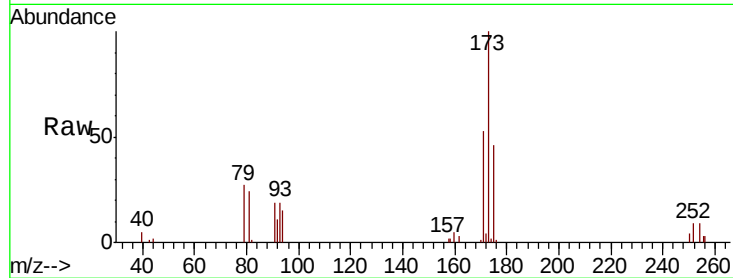
Tot Ion:173 Resp: 38072

Ion Ratio Lower Upper

173 100

175 46.8 24.2 72.6

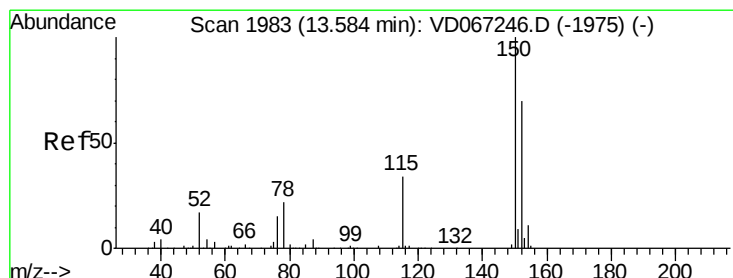
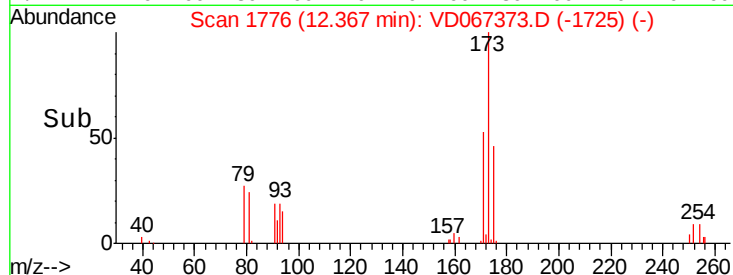
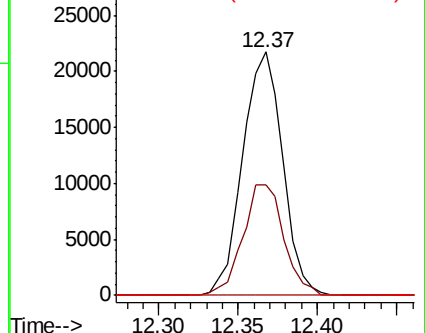
254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

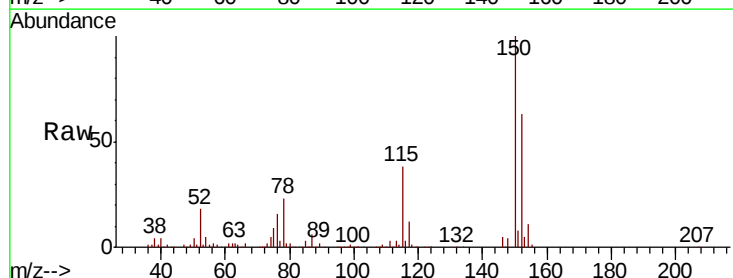
Tgt Ion:152 Resp: 214212

Ion Ratio Lower Upper

152 100

115 59.3 29.3 87.9

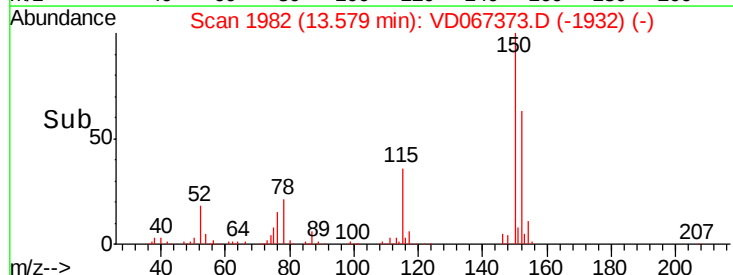
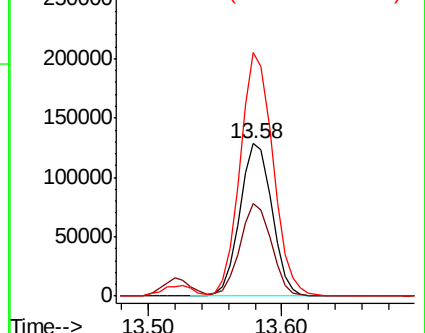
150 163.3 0.0 339.0

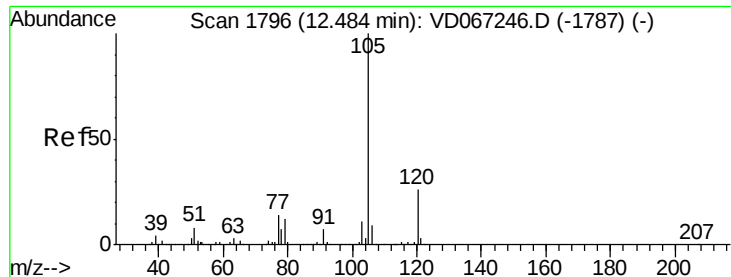


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.177 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

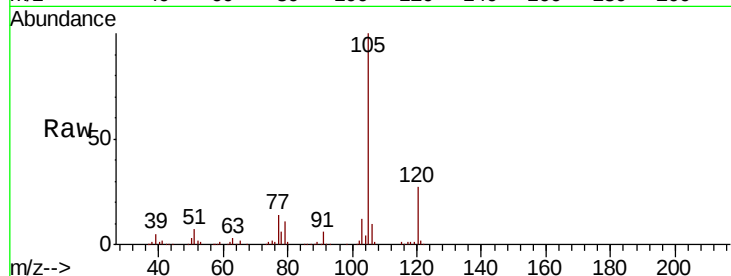
VD1023SBS01

Tot Ion:105 Resp: 301502

Ion Ratio Lower Upper

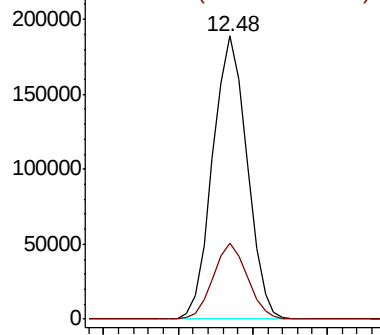
105 100

120 26.8 13.3 39.8

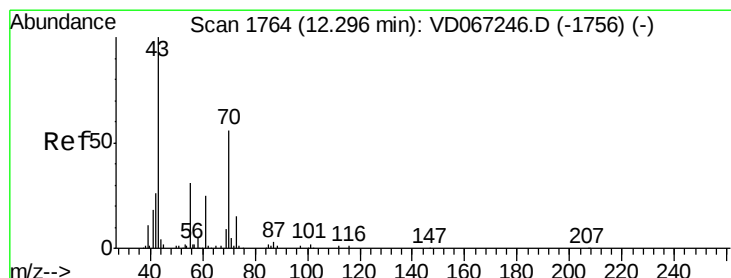
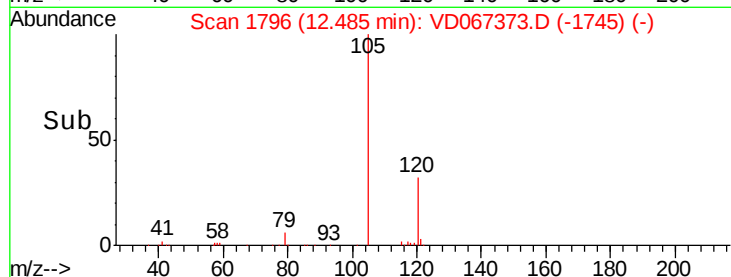


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 20.288 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Tgt Ion: 43 Resp: 41659

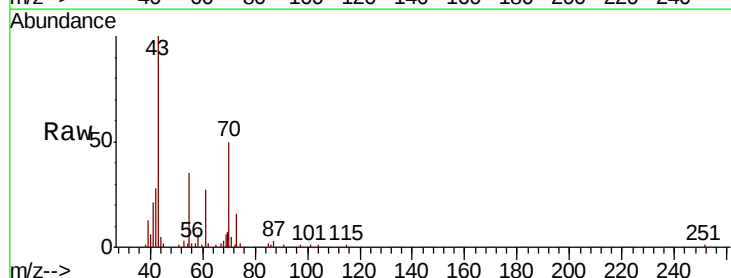
Ion Ratio Lower Upper

43 100

70 52.0 42.7 64.1

55 33.5 24.0 36.0

61 27.4 22.2 33.4

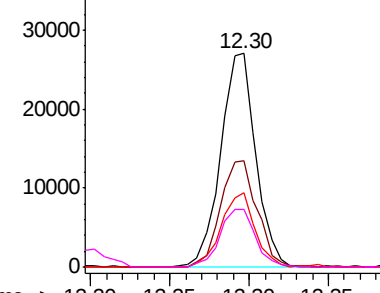


Abundance Ion 43.00 (42.70 to 43.70): V

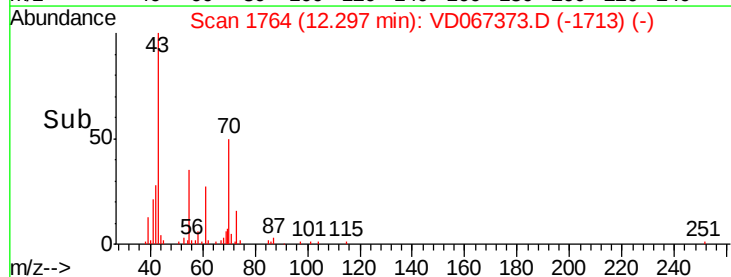
Ion 70.00 (69.70 to 70.70): V

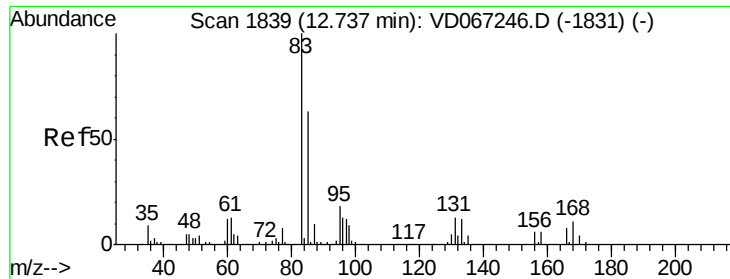
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time--> 12.20 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 21.579 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

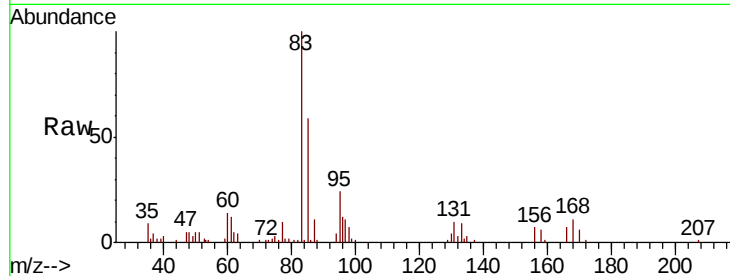
Tot Ion: 83 Resp: 44951

Ion Ratio Lower Upper

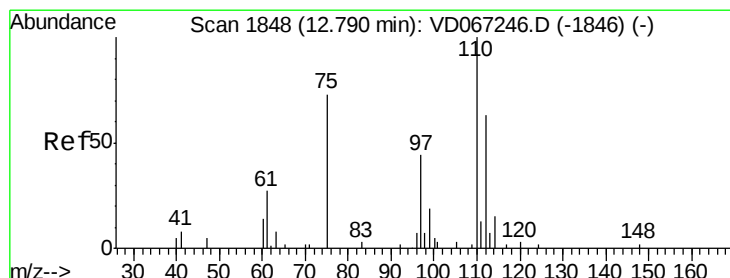
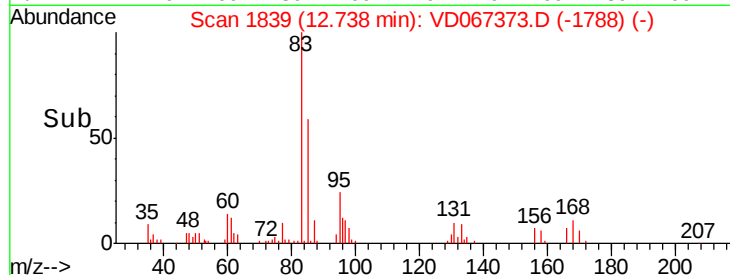
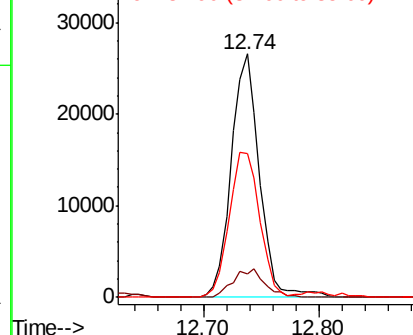
83 100

131 13.0 6.5 19.5

85 64.6 32.6 97.7



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: 40.825 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067373.D

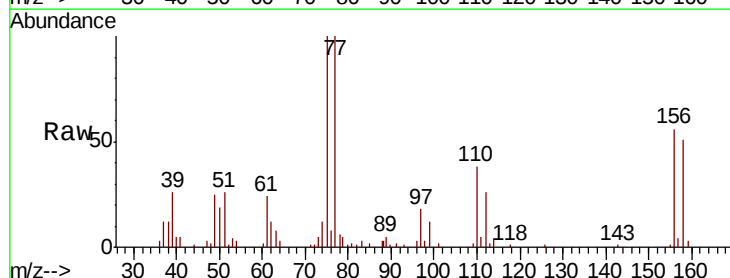
Acq: 23 Oct 2020 11:10

Tgt Ion: 75 Resp: 60612

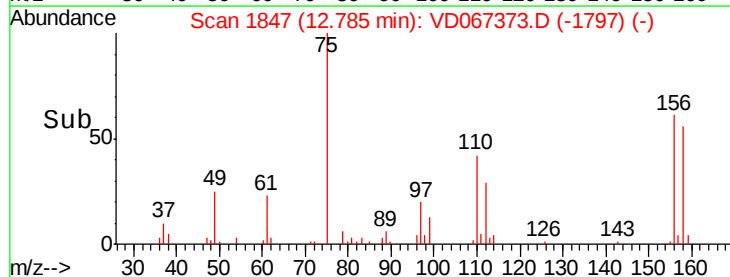
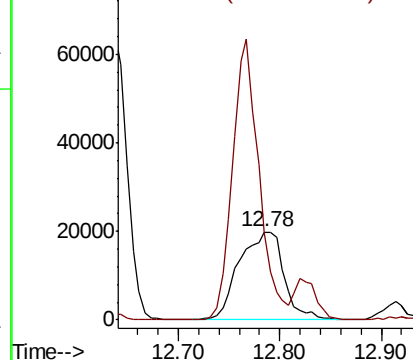
Ion Ratio Lower Upper

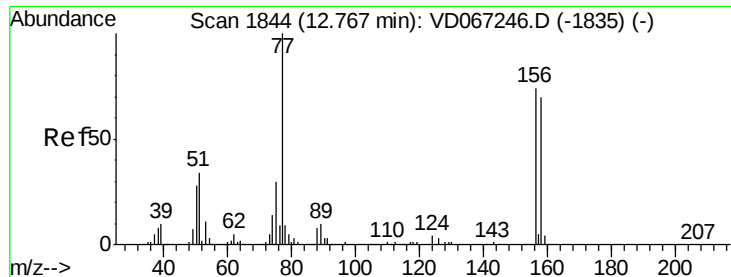
75 100

77 190.2 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: 22.314 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

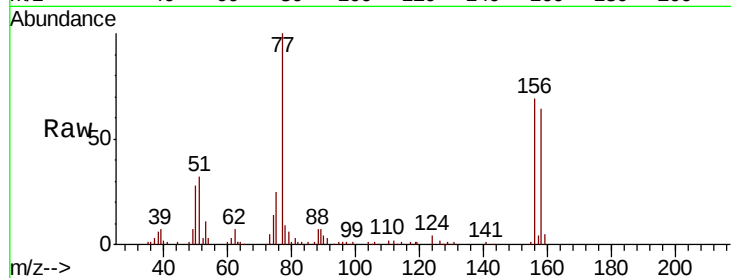
Tot Ion:156 Resp: 75631

Ion Ratio Lower Upper

156 100

77 152.4 78.0 233.8

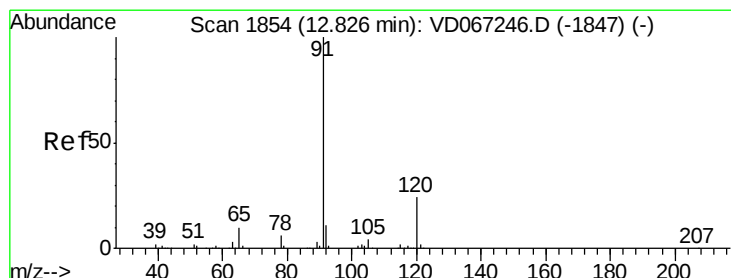
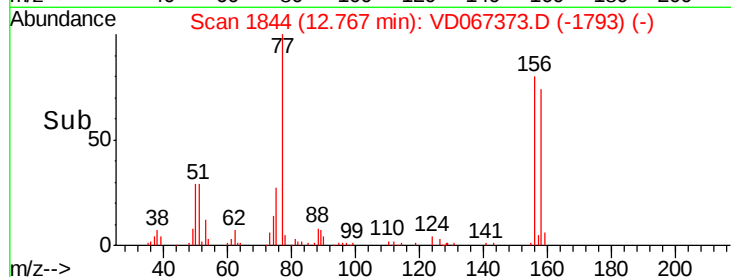
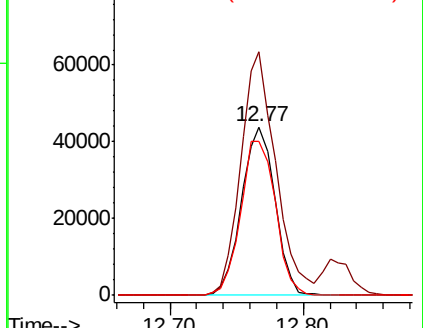
158 95.5 49.1 147.3



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: 22.052 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067373.D

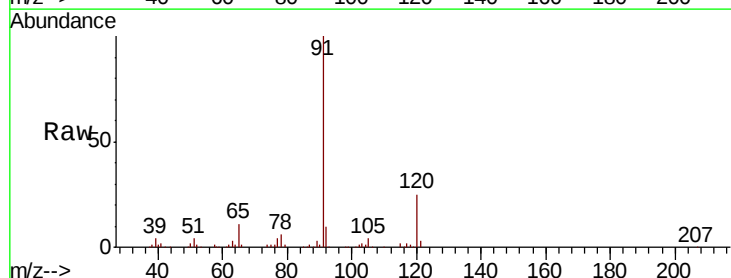
Acq: 23 Oct 2020 11:10

Tgt Ion: 91 Resp: 347356

Ion Ratio Lower Upper

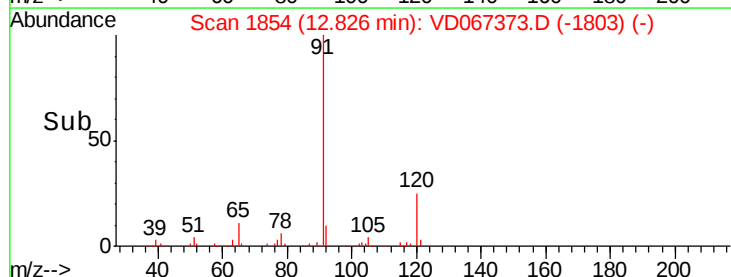
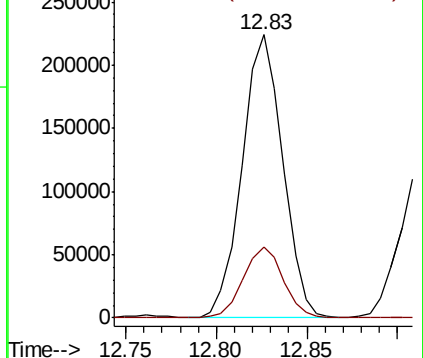
91 100

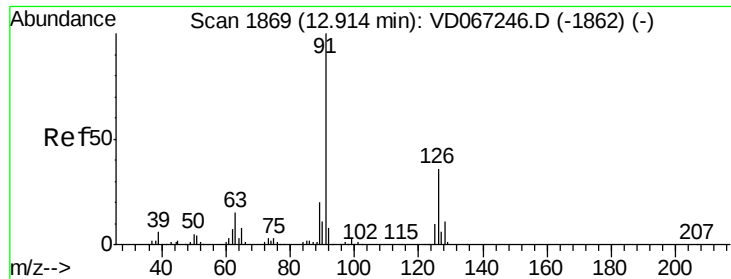
120 24.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.735 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

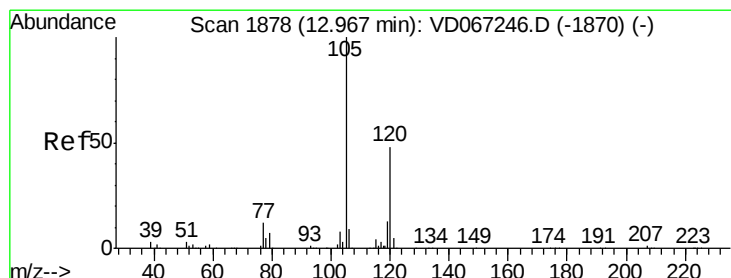
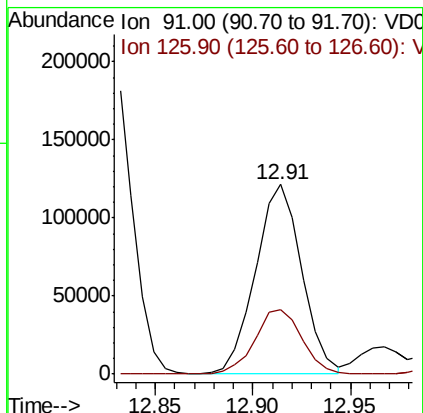
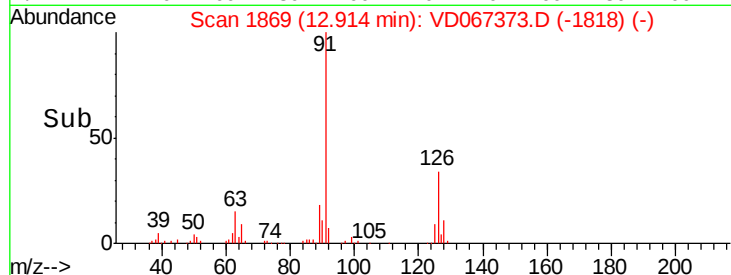
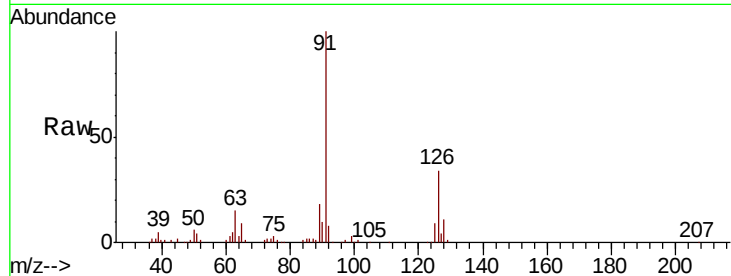
VD1023SBS01

Tot Ion: 91 Resp: 198545

Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 22.445 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067373.D

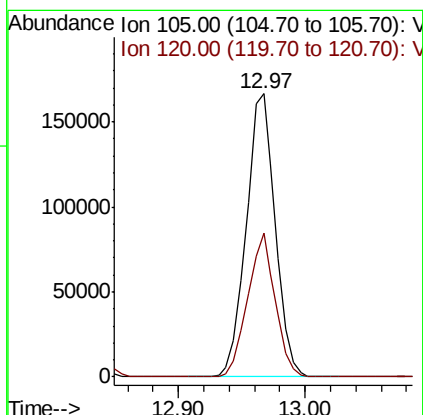
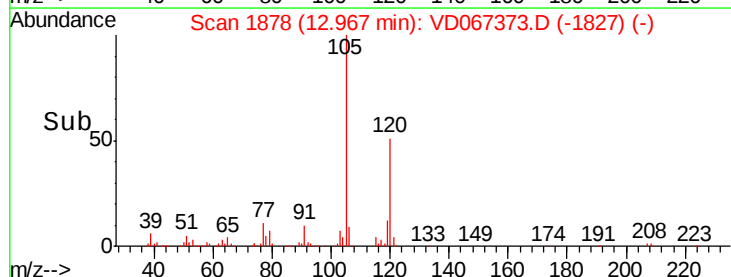
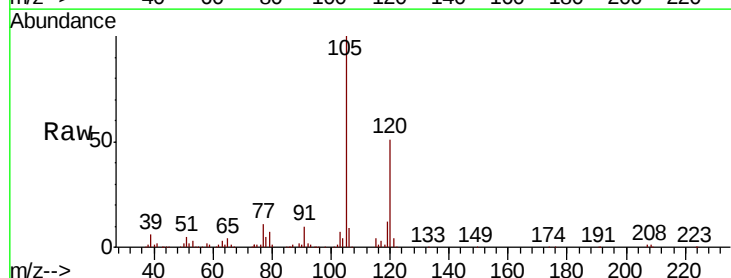
Acq: 23 Oct 2020 11:10

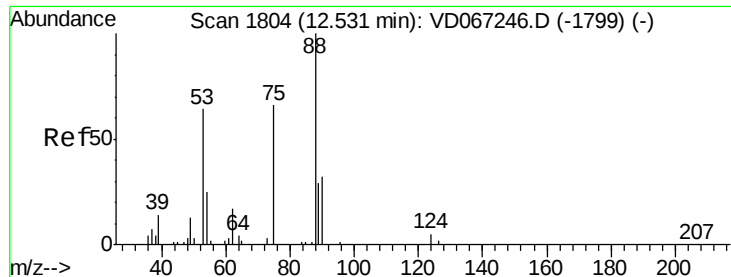
Tgt Ion:105 Resp: 265176

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.771 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBS01

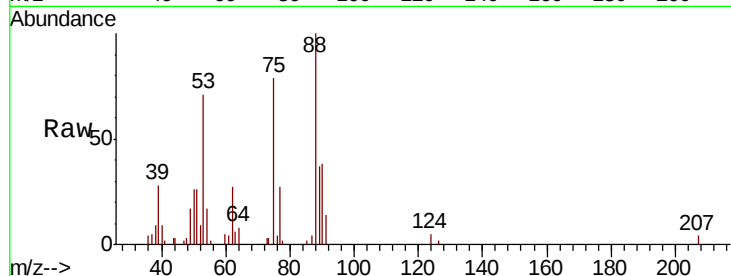
Tot Ion: 75 Resp: 13599

Ion Ratio Lower Upper

75 100

53 88.8 78.5 117.7

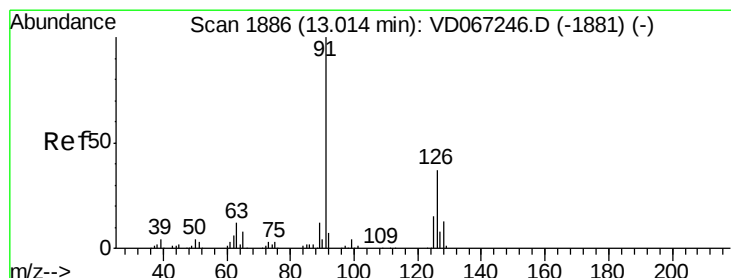
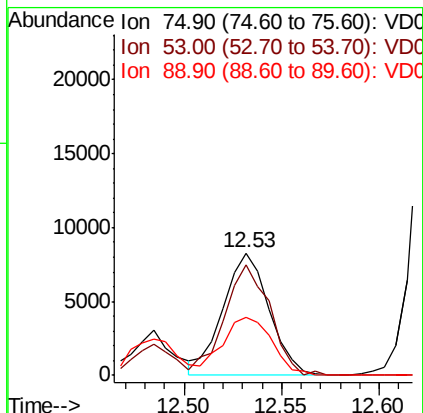
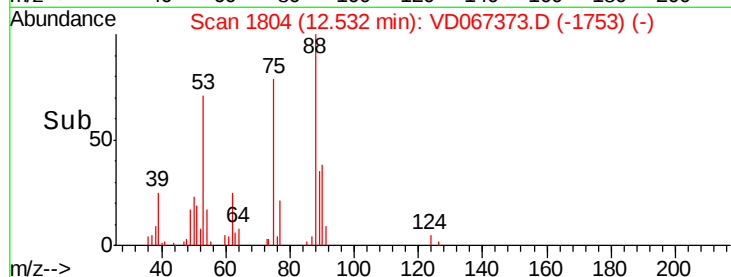
89 50.2 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 22.137 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD067373.D

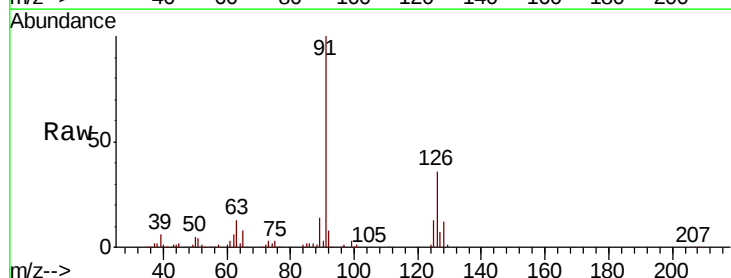
Acq: 23 Oct 2020 11:10

Tgt Ion: 91 Resp: 214628

Ion Ratio Lower Upper

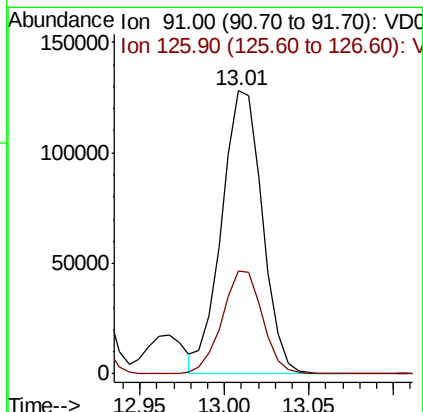
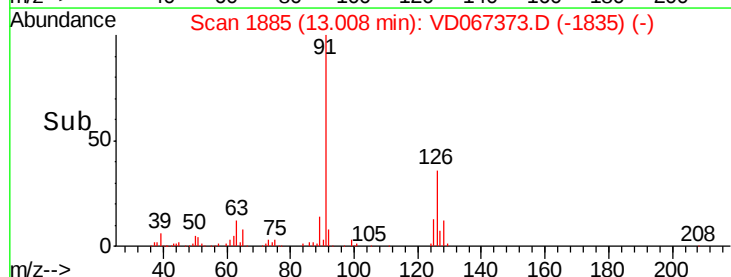
91 100

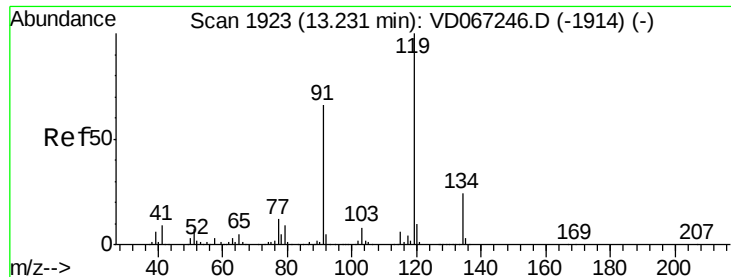
126 36.1 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

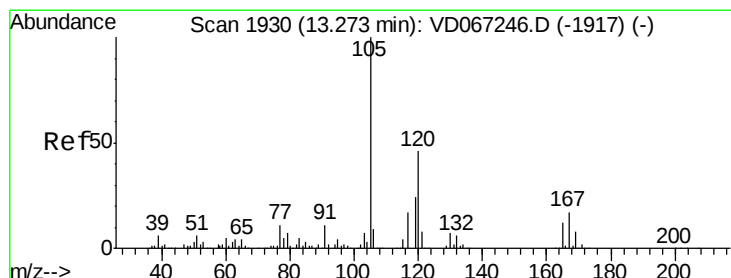
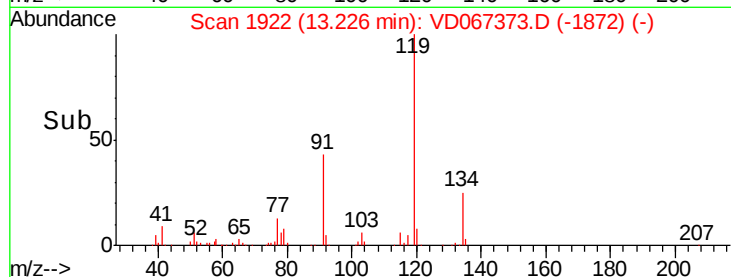
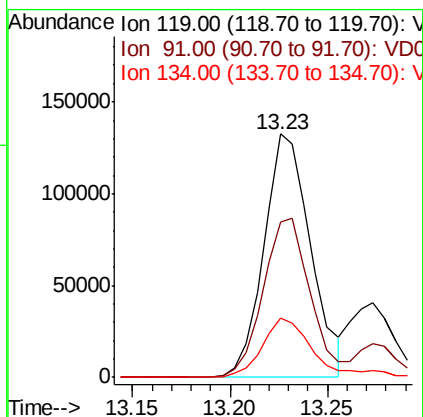
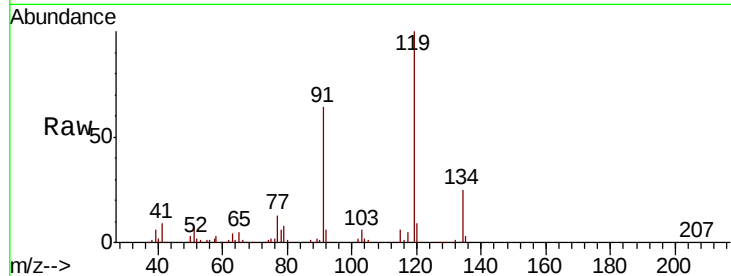




#83
tert-Butylbenzene
Concen: 22.081 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

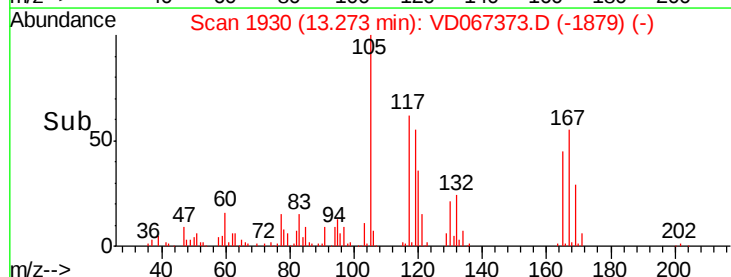
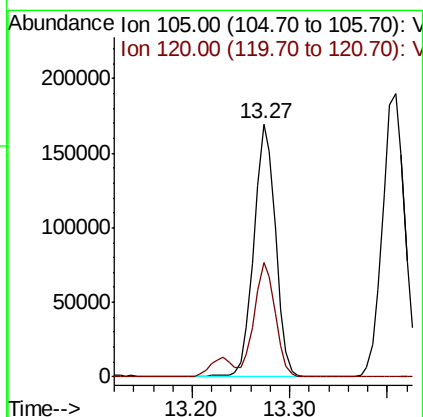
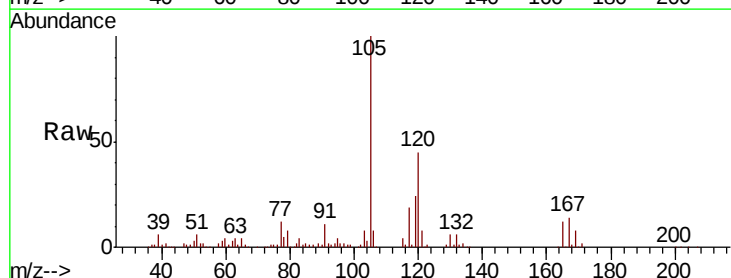
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

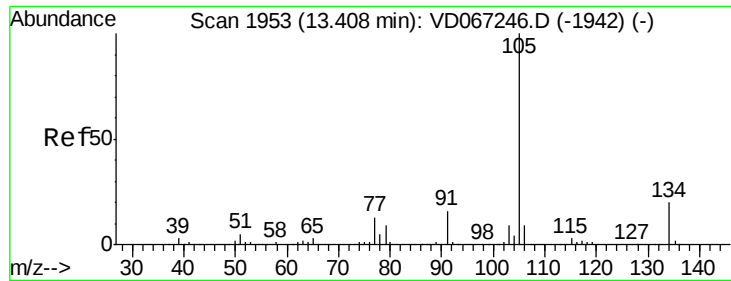
Tot Ion:119 Resp: 220358
Ion Ratio Lower Upper
119 100
91 65.1 33.1 99.2
134 26.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 22.474 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion:105 Resp: 262424
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.990 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

Instrument :

MSVOA_D

ClientSampleId :

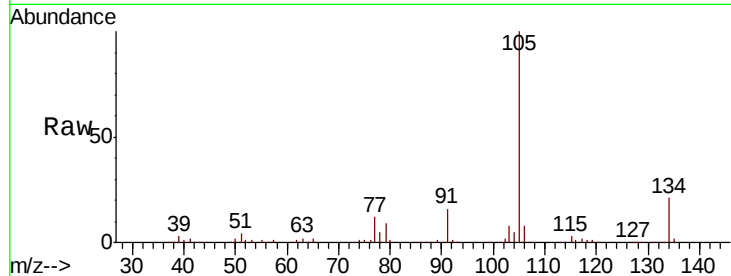
VD1023SBS01

Tot Ion:105 Resp: 301126

Ion Ratio Lower Upper

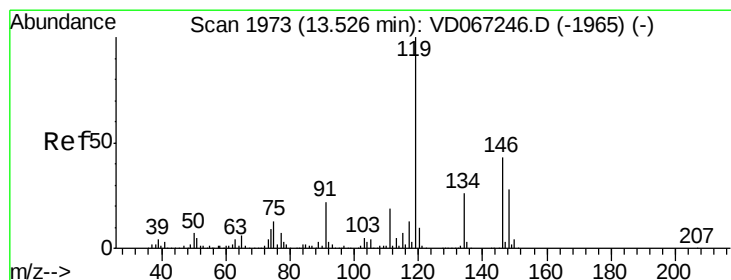
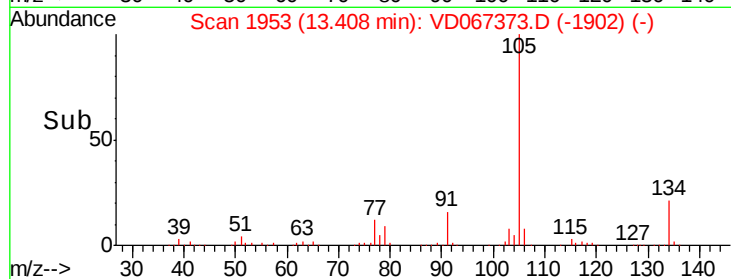
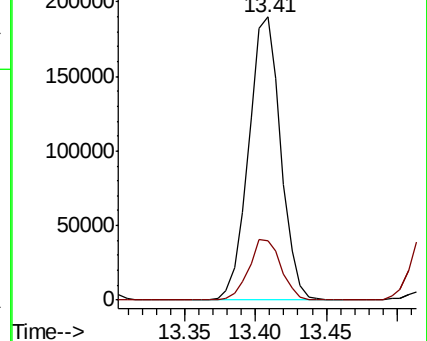
105 100

134 21.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.147 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067373.D

Acq: 23 Oct 2020 11:10

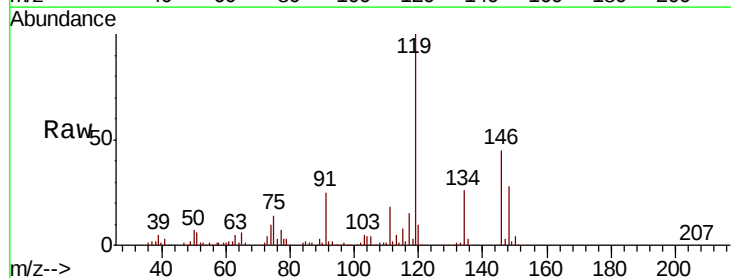
Tgt Ion:119 Resp: 286248

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

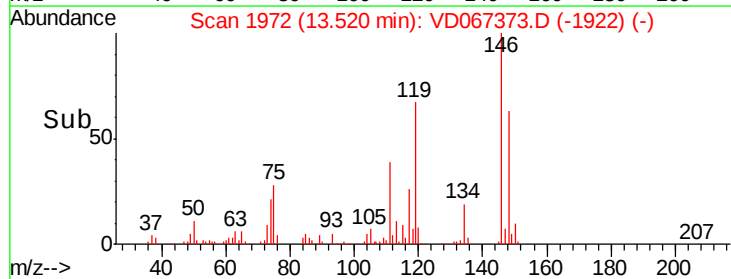
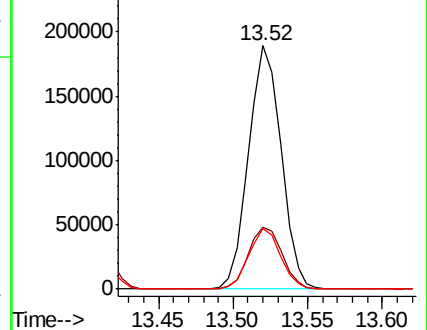
91 24.1 11.9 35.9

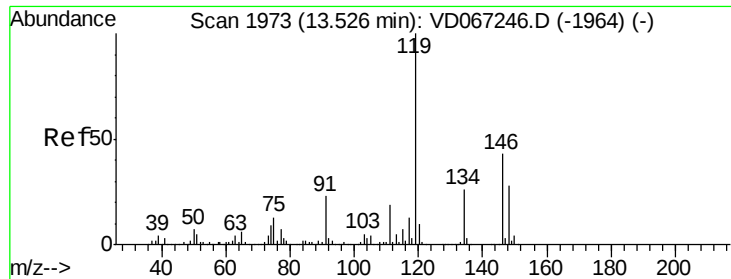


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

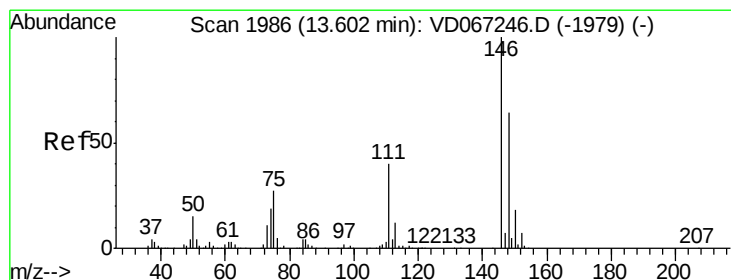
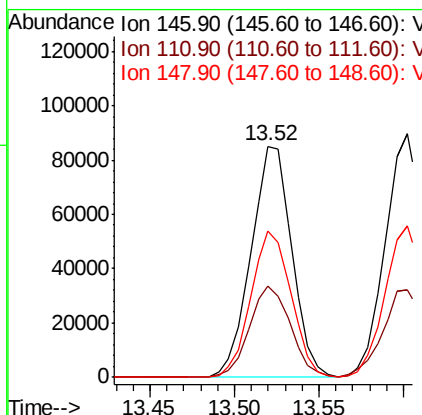
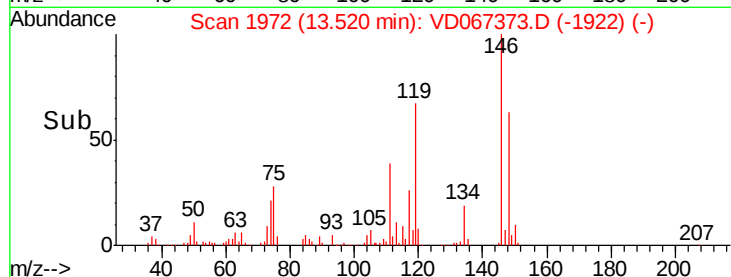
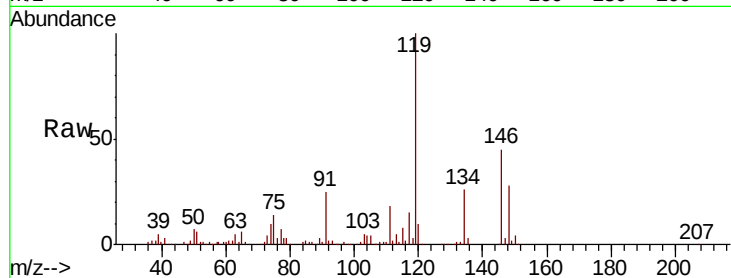




#87
 1,3-Dichlorobenzene
 Concen: 21.911 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

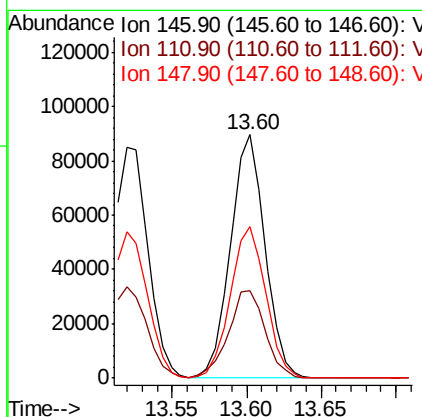
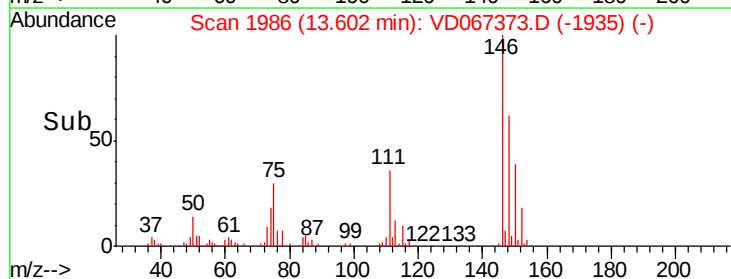
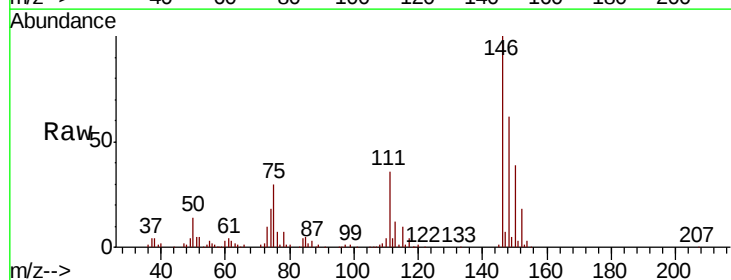
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

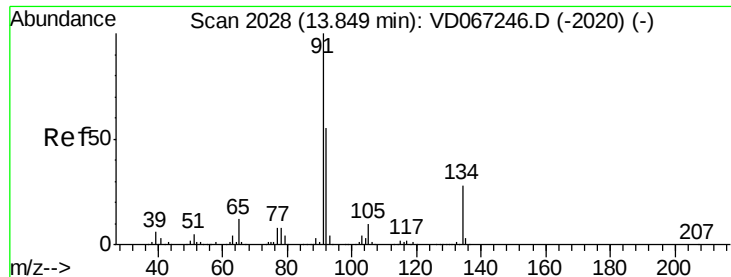
Tot Ion:146 Resp: 142946
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.1 63.3
 148 62.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 22.391 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Tgt Ion:146 Resp: 144728
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.9 59.7
 148 63.8 31.9 95.9

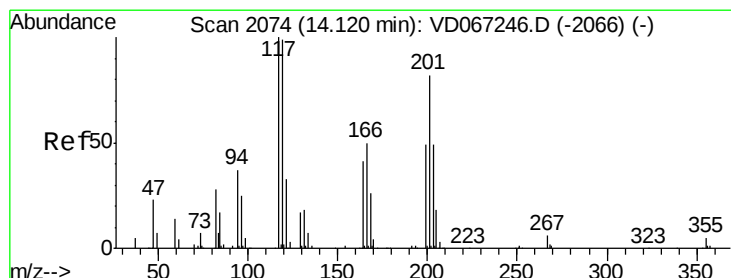
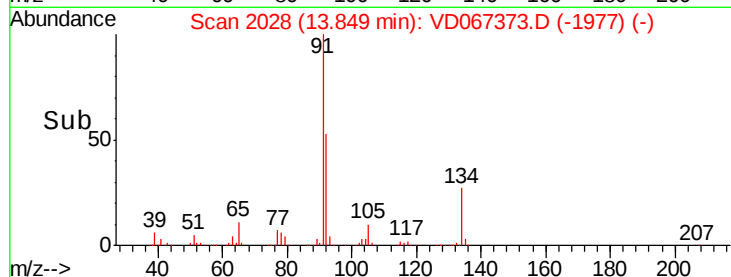
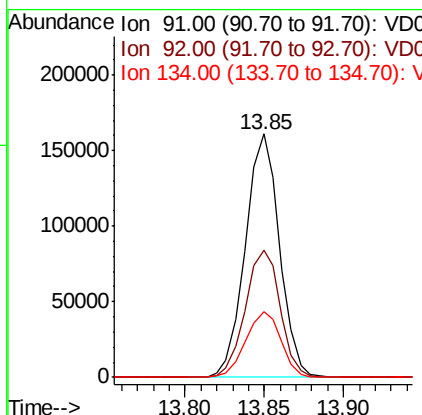
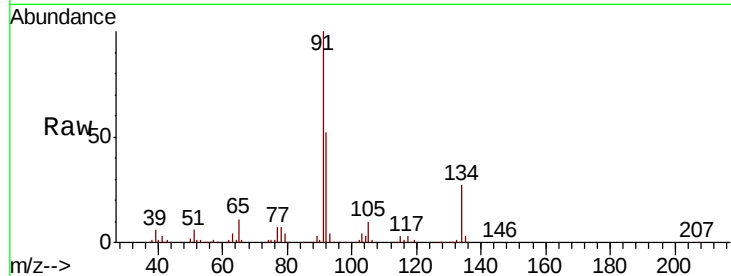




#89
n-Butylbenzene
Concen: 21.167 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

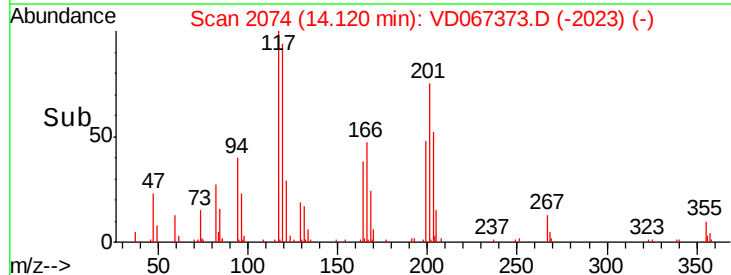
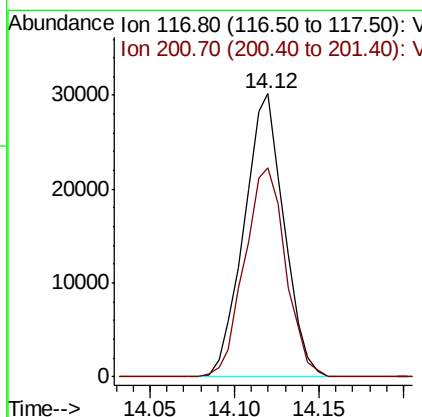
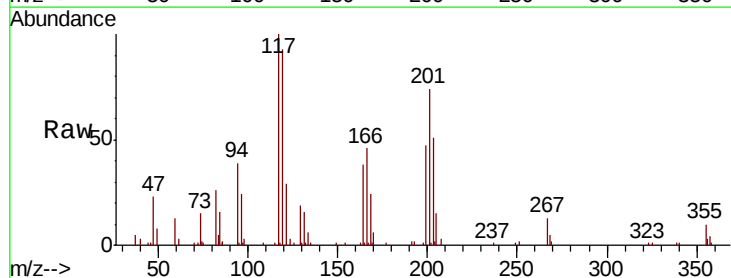
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

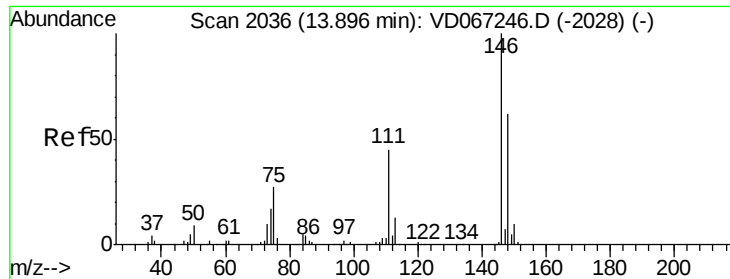
Tot Ion: 91 Resp: 240678
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.0
134 27.9 14.2 42.6



#90
Hexachloroethane
Concen: 22.000 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion: 117 Resp: 49620
Ion Ratio Lower Upper
117 100
201 76.2 40.8 122.2

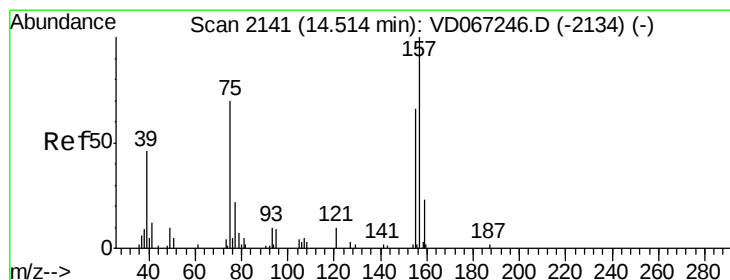
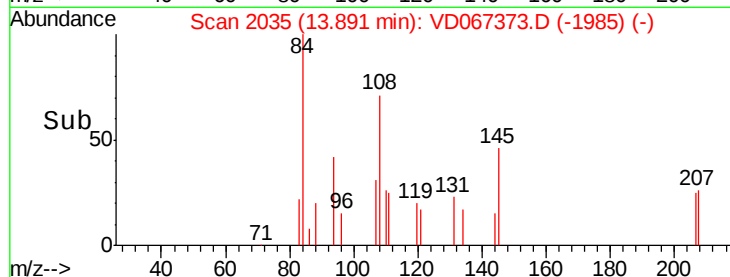
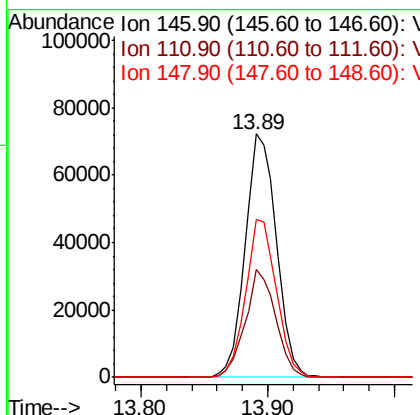
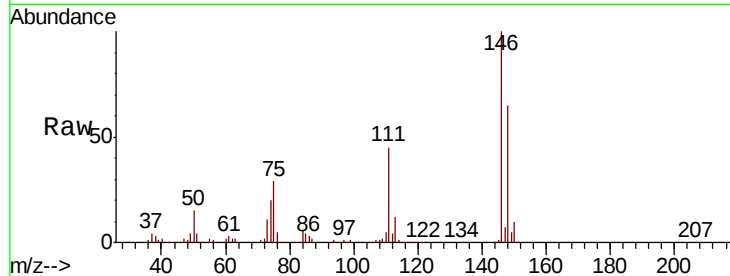




#91
 1,2-Dichlorobenzene
 Concen: 21.749 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

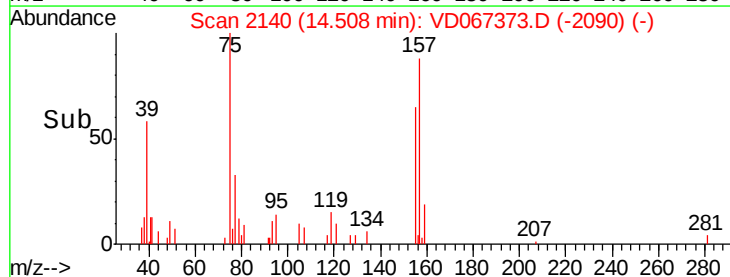
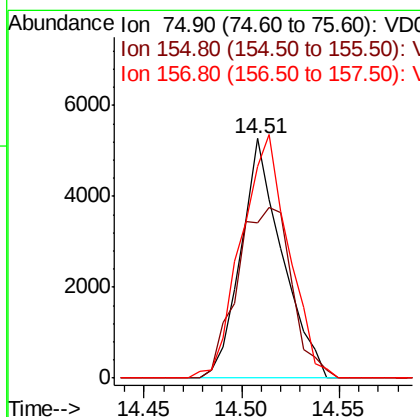
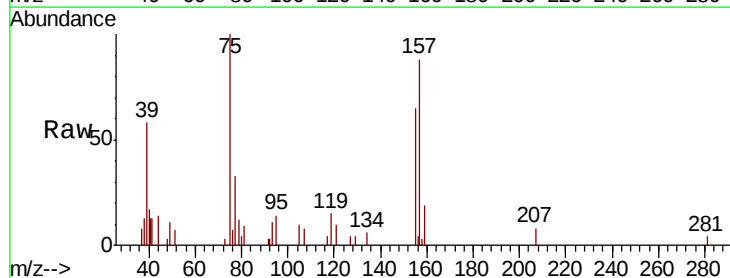
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

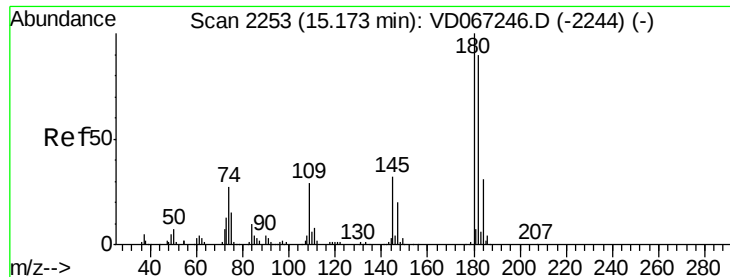
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.0	66.0
148	63.7	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.407 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	44.8	134.4
157	116.5	62.5	187.4

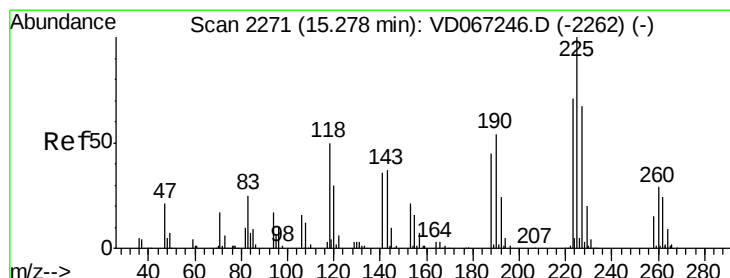
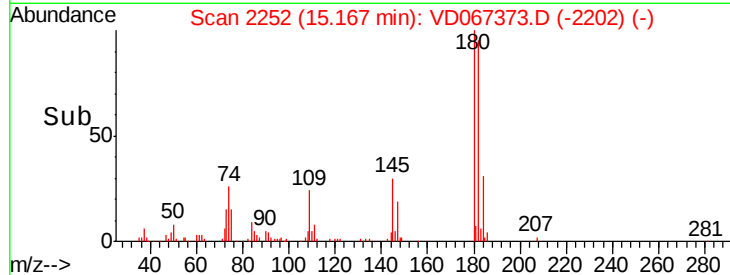
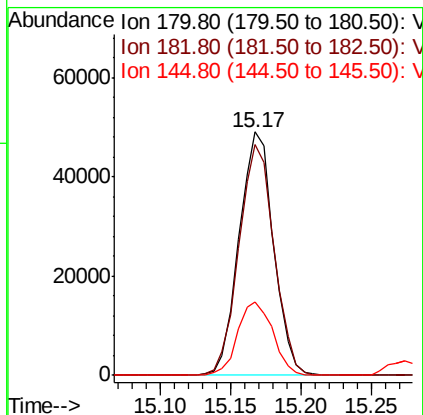
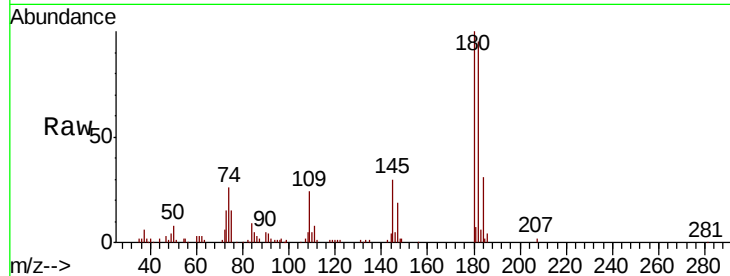




#93
 1,2,4-Trichlorobenzene
 Concen: 21.833 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

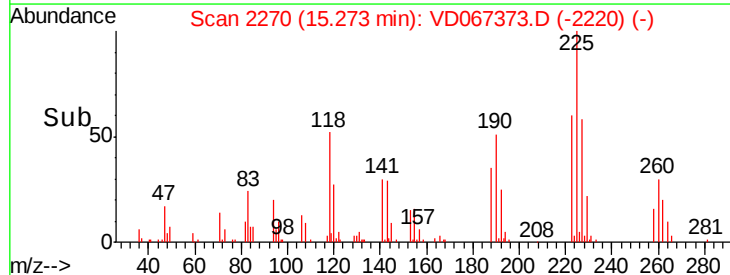
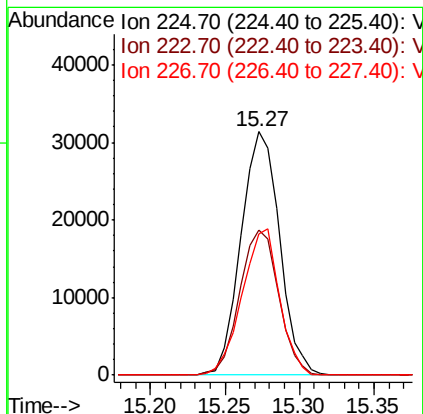
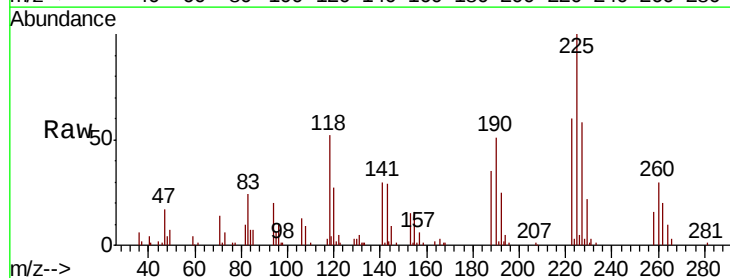
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBS01

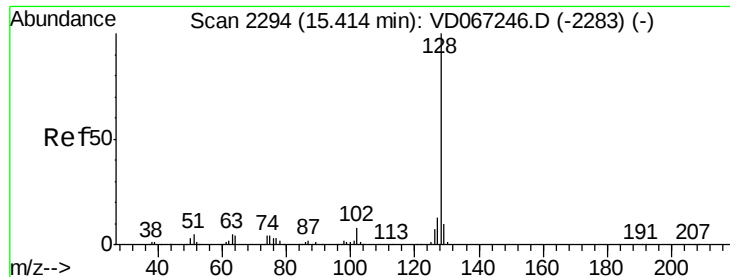
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.1	144.4
145	30.8	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 23.546 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067373.D
 Acq: 23 Oct 2020 11:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.9	95.7
227	58.0	31.2	93.6

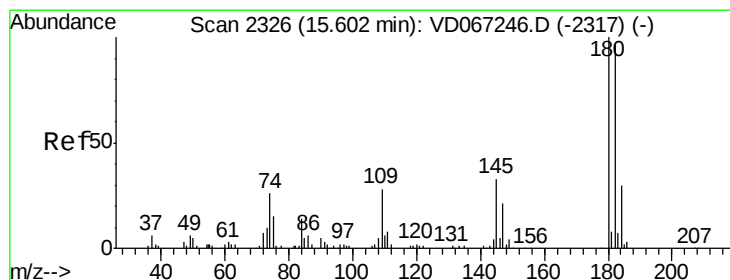
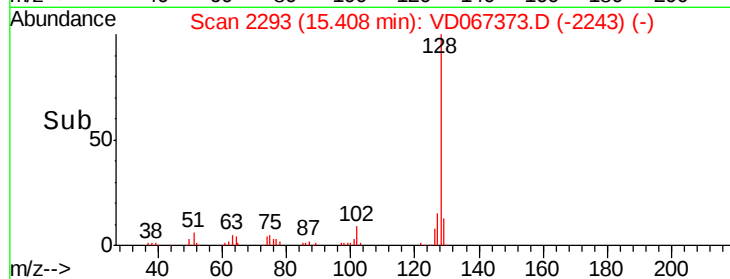
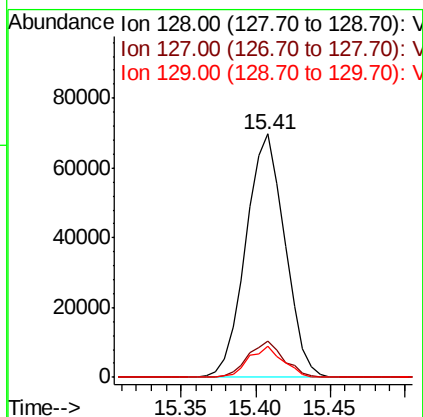
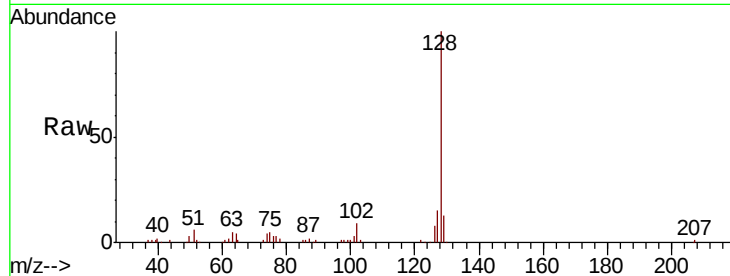




#95
Naphthalene
Concen: 20.000 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Instrument :
MSVOA_D
ClientSampleId :
VD1023SBS01

Tot Ion:128 Resp: 126178
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.617 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067373.D
Acq: 23 Oct 2020 11:10

Tgt Ion:180 Resp: 71760
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.3
145 34.3 17.3 51.9

