

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
 Data File : VD067264.D
 Acq On : 14 Oct 2020 12:05
 Operator : VA/SY
 Sample : VD1014SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

Quant Time: Oct 15 06:12:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	336224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	508927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	479106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	234615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	169500	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	7.91	113	177503	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	10.34	98	647255	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.64	95	228352	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	62688	20.662	ug/l	92
3) Chloromethane	2.21	50	43042	20.341	ug/l	98
4) Vinyl Chloride	2.35	62	45697	19.682	ug/l	99
5) Bromomethane	2.76	94	35807	20.790	ug/l	94
6) Chloroethane	2.92	64	29689	20.533	ug/l	97
7) Trichlorofluoromethane	3.27	101	118421	20.256	ug/l	95
8) Diethyl Ether	3.71	74	27435	20.508	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	62132	20.003	ug/l	97
10) Methyl Iodide	4.30	142	56371	19.674	ug/l	98
11) Tert butyl alcohol	5.21	59	11963	27.779	ug/l #	81
12) 1,1-Dichloroethene	4.06	96	52975	19.091	ug/l	94
13) Acrolein	3.93	56	14540	87.629	ug/l	99
14) Allyl chloride	4.72	41	62449	19.652	ug/l	97
15) Acrylonitrile	5.42	53	46459	104.079	ug/l #	87
16) Acetone	4.16	43	46884	99.382	ug/l	90
17) Carbon Disulfide	4.40	76	159565	20.171	ug/l	98
18) Methyl Acetate	4.73	43	22042	20.485	ug/l	92
19) Methyl tert-butyl Ether	5.48	73	107618	19.504	ug/l	93
20) Methylene Chloride	4.97	84	67731	19.693	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	63226	19.800	ug/l	97
22) Diisopropyl ether	6.37	45	124636	21.470	ug/l	96
23) Vinyl Acetate	6.31	43	342027	103.562	ug/l	99
24) 1,1-Dichloroethane	6.27	63	102548	20.637	ug/l	98
25) 2-Butanone	7.21	43	55728	103.632	ug/l #	88
26) 2,2-Dichloropropane	7.21	77	104369	20.377	ug/l	100
27) cis-1,2-Dichloroethene	7.22	96	70439	20.127	ug/l	97
28) Bromochloromethane	7.55	49	34305	20.240	ug/l #	97
29) Tetrahydrofuran	7.57	42	31859	106.579	ug/l	97
30) Chloroform	7.71	83	123473	20.800	ug/l	94
31) Cyclohexane	7.99	56	77958	20.094	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	116262	19.961	ug/l	96
36) 1,1-Dichloropropene	8.11	75	89645	20.782	ug/l	98
37) Ethyl Acetate	7.29	43	23741	18.707	ug/l	99
38) Carbon Tetrachloride	8.10	117	110713	20.082	ug/l	98

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Quant Time: Oct 15 06:12:59 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	90748	20.124	ug/l	96
40) Benzene	8.36	78	245323	20.731	ug/l	98
41) Methacrylonitrile	7.54	41	16653	24.282	ug/l #	8
42) 1,2-Dichloroethane	8.43	62	73634	19.883	ug/l	99
43) Isopropyl Acetate	8.46	43	51802	20.571	ug/l	99
44) Trichloroethene	9.11	130	78019	20.592	ug/l	96
45) 1,2-Dichloropropane	9.39	63	56148	20.473	ug/l	98
46) Dibromomethane	9.48	93	35926	21.025	ug/l	94
47) Bromodichloromethane	9.66	83	94637	20.672	ug/l	98
48) Methyl methacrylate	9.46	41	24975	20.408	ug/l	92
49) 1,4-Dioxane	9.46	88	7366	428.085	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	131046	104.334	ug/l	97
52) Toluene	10.41	92	172313	21.379	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	85158	21.175	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	97482	20.712	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	48803	20.945	ug/l	94
56) Ethyl methacrylate	10.67	69	48965	20.262	ug/l	99
57) 1,3-Dichloropropane	10.95	76	77240	20.830	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	126692	102.196	ug/l	98
59) 2-Hexanone	10.99	43	87531	101.985	ug/l	98
60) Dibromochloromethane	11.14	129	71313	20.986	ug/l	99
61) 1,2-Dibromoethane	11.25	107	47301	20.591	ug/l	99
64) Tetrachloroethene	10.88	164	68893	19.847	ug/l	97
65) Chlorobenzene	11.68	112	182388	19.852	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	75724	20.738	ug/l	99
67) Ethyl Benzene	11.75	91	321186	20.394	ug/l	99
68) m/p-Xylenes	11.86	106	249375	41.119	ug/l	100
69) o-Xylene	12.18	106	114593	20.405	ug/l	94
70) Styrene	12.20	104	205004	21.206	ug/l	98
71) Bromoform	12.37	173	40926	20.863	ug/l #	100
73) Isopropylbenzene	12.48	105	318352	21.380	ug/l	99
74) N-amyl acetate	12.29	43	45363	20.171	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	47815	20.957	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	66527	40.912	ug/l #	100
77) Bromobenzene	12.77	156	79362	21.378	ug/l	99
78) n-propylbenzene	12.83	91	368363	21.352	ug/l	98
79) 2-Chlorotoluene	12.91	91	212535	21.243	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	282045	21.797	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	15464	21.566	ug/l	96
82) 4-Chlorotoluene	13.01	91	228263	21.496	ug/l	100
83) tert-Butylbenzene	13.23	119	233250	21.340	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	276898	21.651	ug/l	99
85) sec-Butylbenzene	13.41	105	320203	21.350	ug/l	99
86) p-Isopropyltoluene	13.53	119	301385	21.290	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	154945	21.685	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	151553	21.408	ug/l	99
89) n-Butylbenzene	13.85	91	261646	21.010	ug/l	99
90) Hexachloroethane	14.12	117	50521	20.451	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	133662	21.413	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8938	21.564	ug/l	88

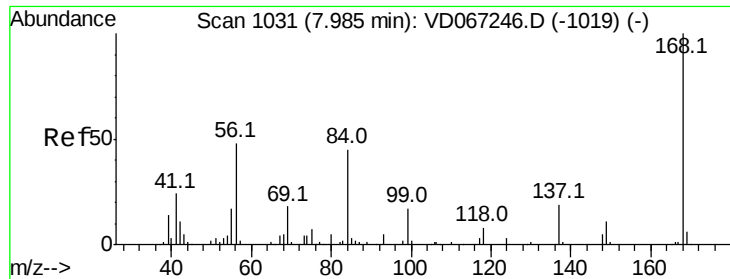
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QLast Update : Wed Oct 14 03:30:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	87535	20.799	ug/l	98
94) Hexachlorobutadiene	15.28	225	56761	21.719	ug/l	95
95) Naphthalene	15.41	128	141533	20.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	77393	21.286	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

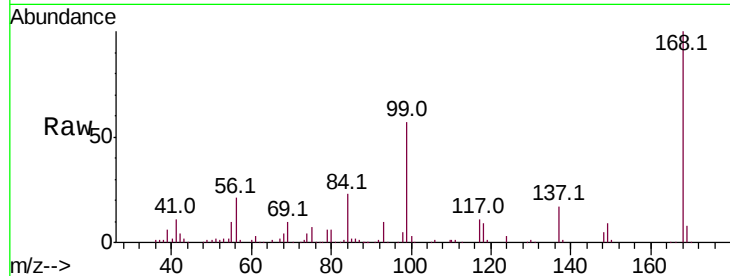
VD1014SBSD01

Tot Ion:168 Resp: 336224

Ion Ratio Lower Upper

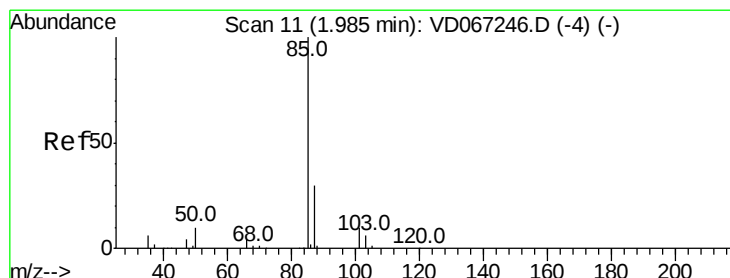
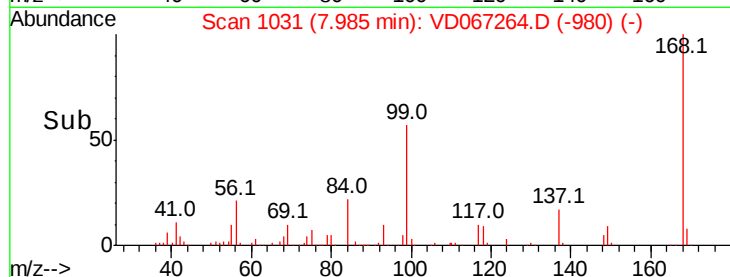
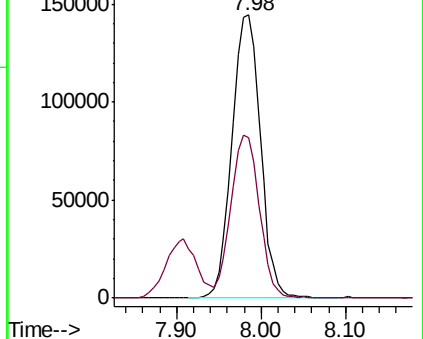
168 100

99 56.3 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: 20.662 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067264.D

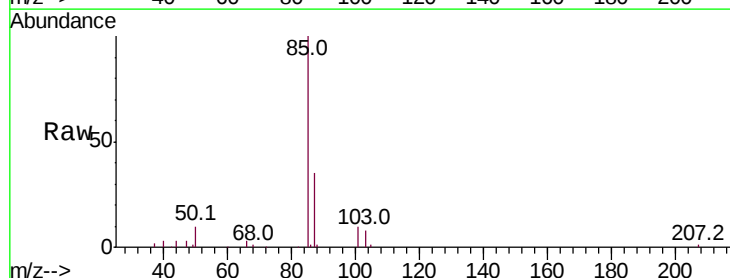
Acq: 14 Oct 2020 12:05

Tgt Ion: 85 Resp: 62688

Ion Ratio Lower Upper

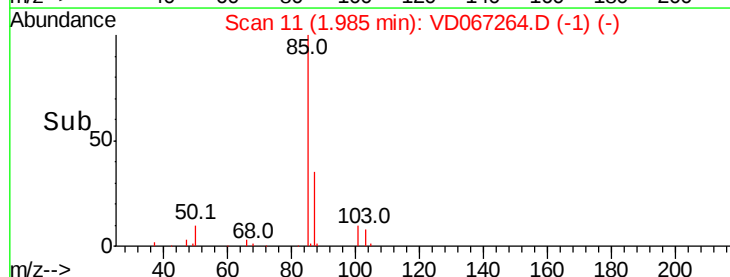
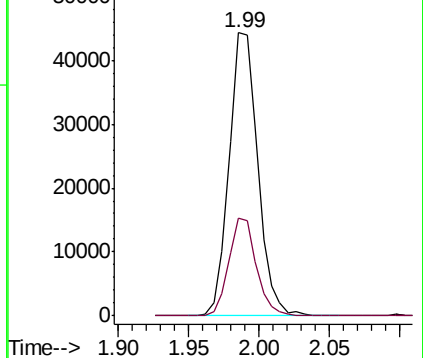
85 100

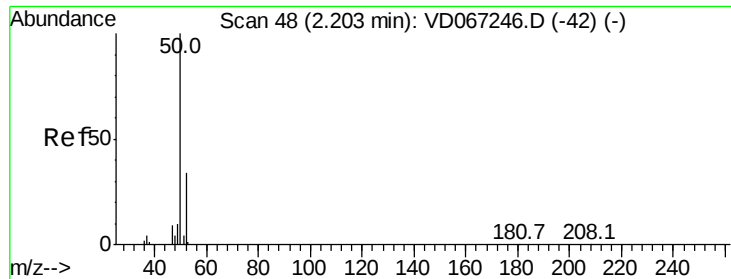
87 34.6 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.341 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

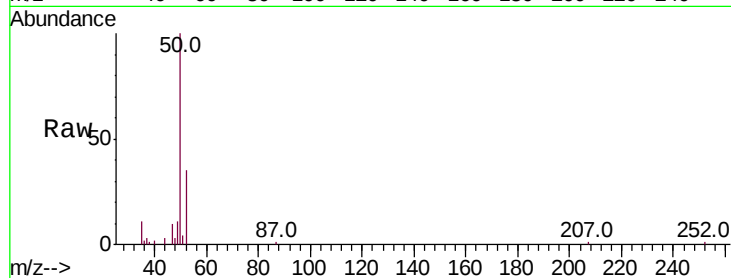
VD1014SBSD01

Tot Ion: 50 Resp: 43042

Ion Ratio Lower Upper

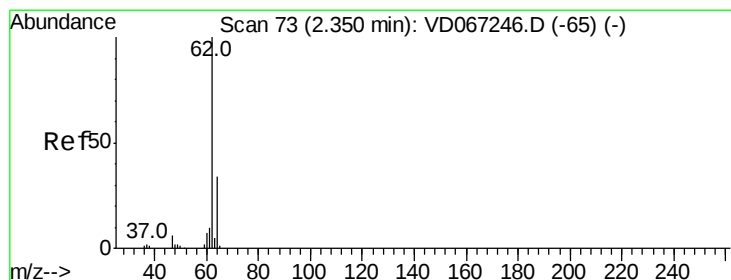
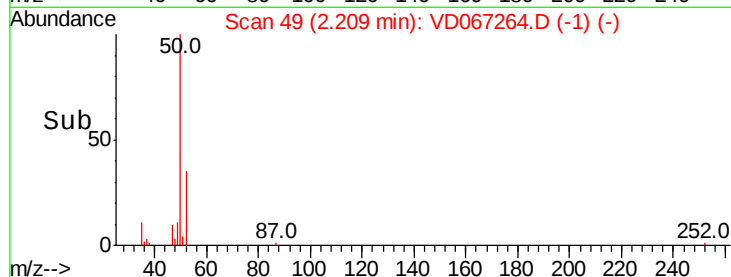
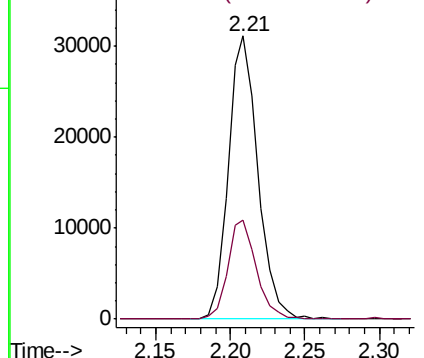
50 100

52 35.1 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.682 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067264.D

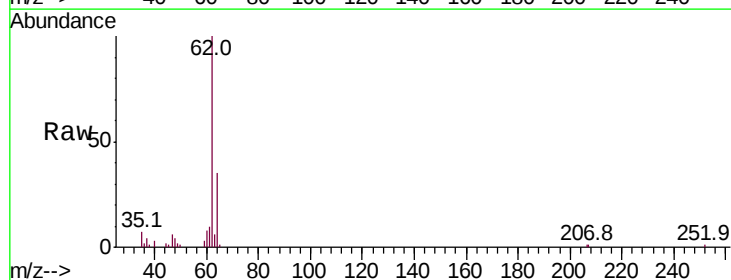
Acq: 14 Oct 2020 12:05

Tgt Ion: 62 Resp: 45697

Ion Ratio Lower Upper

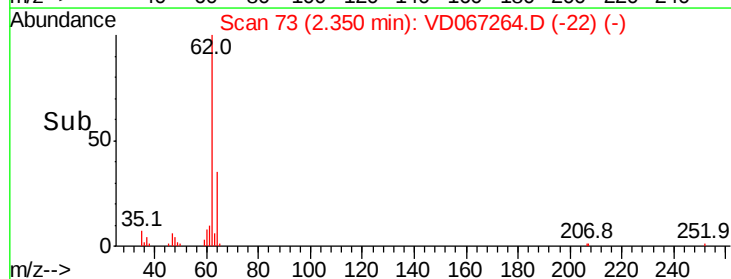
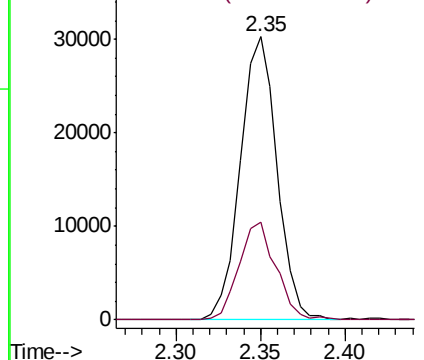
62 100

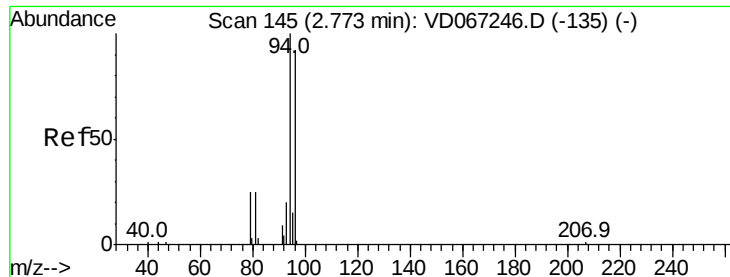
64 34.6 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.790 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

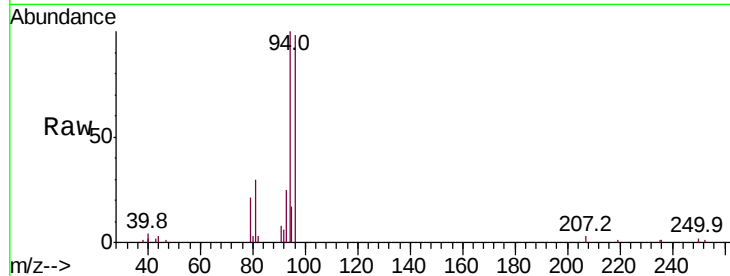
VD1014SBS01

Tot Ion: 94 Resp: 35807

Ion Ratio Lower Upper

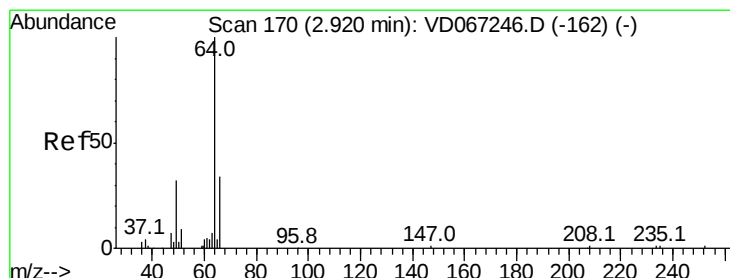
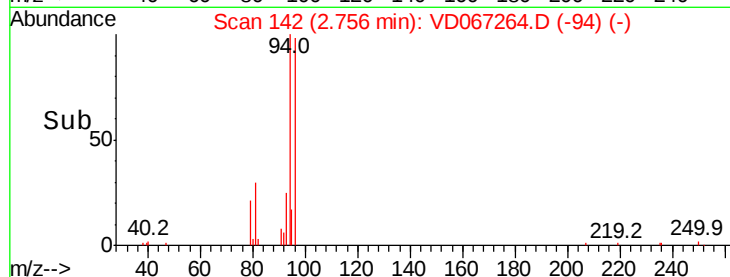
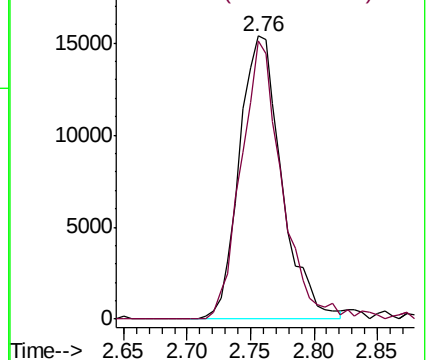
94 100

96 98.3 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: 20.533 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067264.D

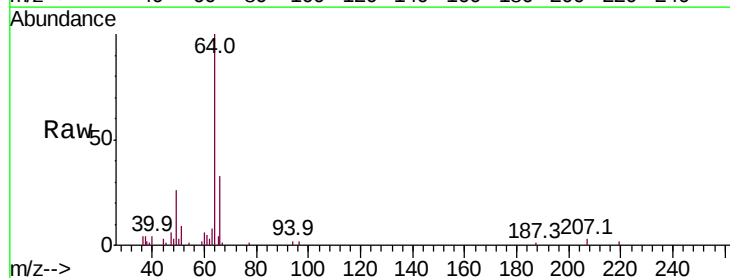
Acq: 14 Oct 2020 12:05

Tgt Ion: 64 Resp: 29689

Ion Ratio Lower Upper

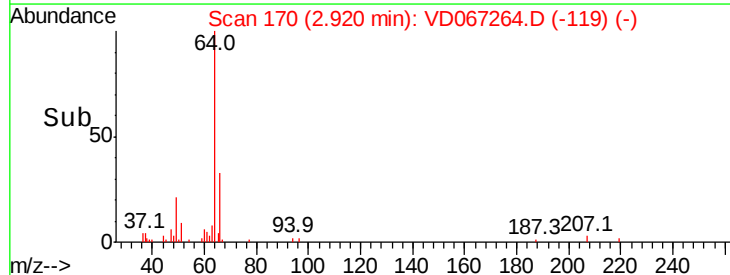
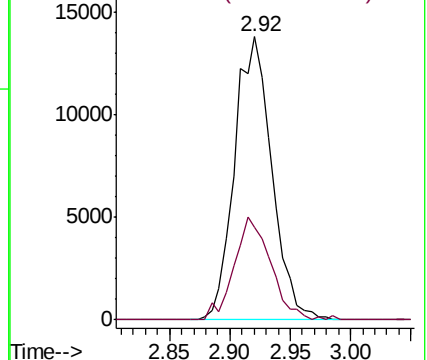
64 100

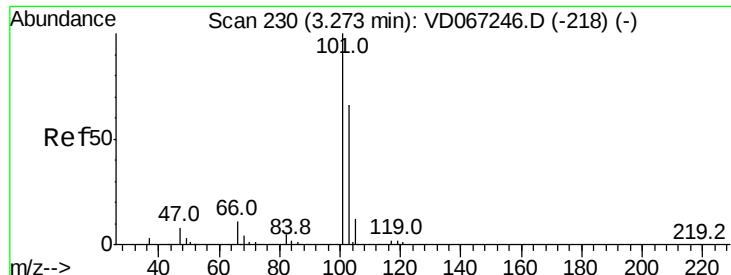
66 32.5 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 20.256 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

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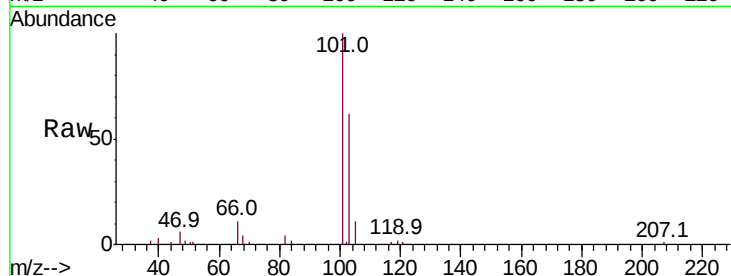
VD1014SBSD01

Tot Ion:101 Resp: 118421

Ion Ratio Lower Upper

101 100

103 62.4 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.27

60000

50000

40000

30000

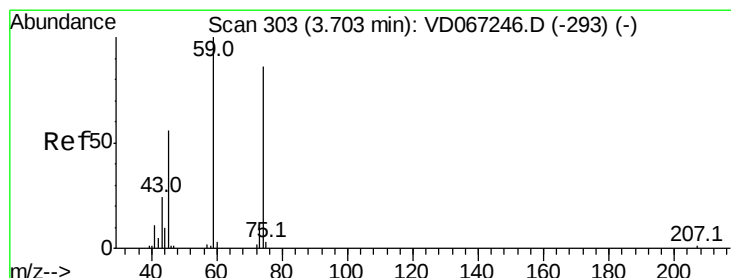
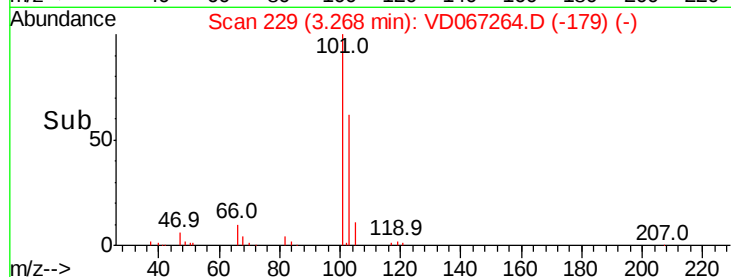
20000

10000

0

Time-->

3.20 3.30 3.40



#8

Diethyl Ether

Concen: 20.508 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD067264.D

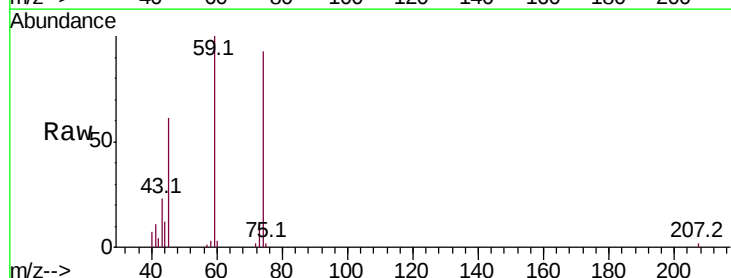
Acq: 14 Oct 2020 12:05

Tgt Ion: 74 Resp: 27435

Ion Ratio Lower Upper

74 100

45 78.8 37.0 111.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

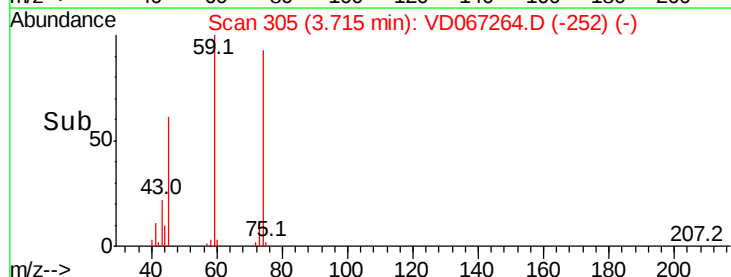
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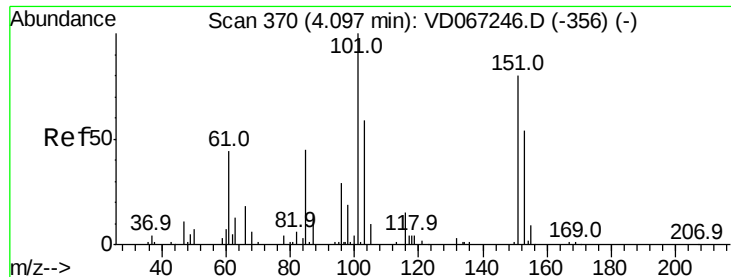
5000

0

Time-->

3.60 3.70 3.80





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.003 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

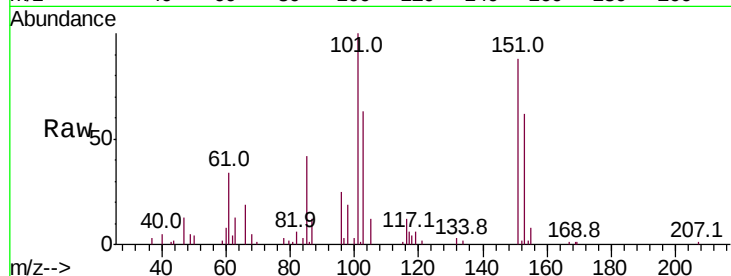
Tot Ion:101 Resp: 62132

Ion Ratio Lower Upper

101 100

85 43.9 34.2 51.4

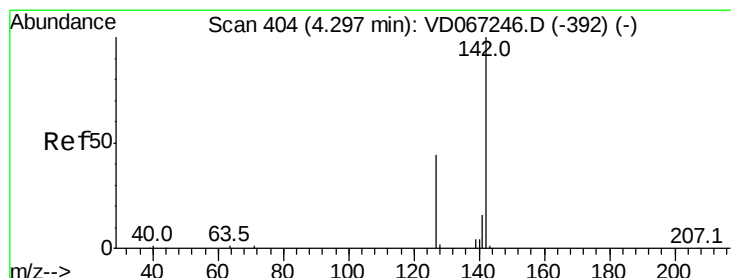
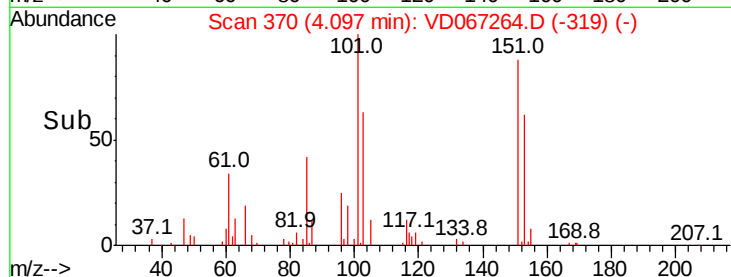
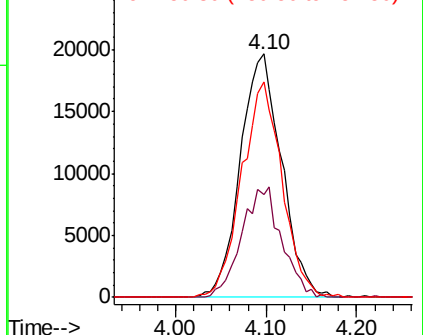
151 86.7 66.3 99.5



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: 19.674 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

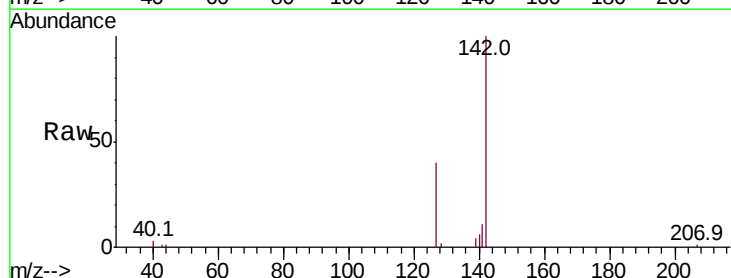
Tgt Ion:142 Resp: 56371

Ion Ratio Lower Upper

142 100

127 46.7 38.4 57.6

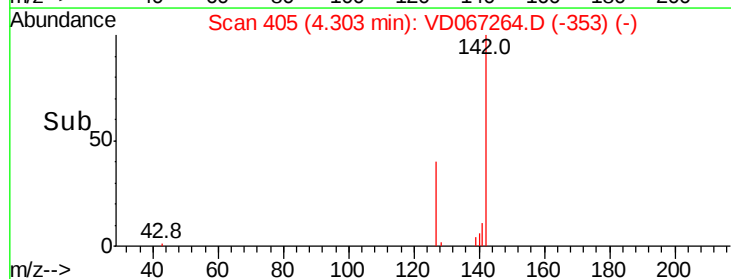
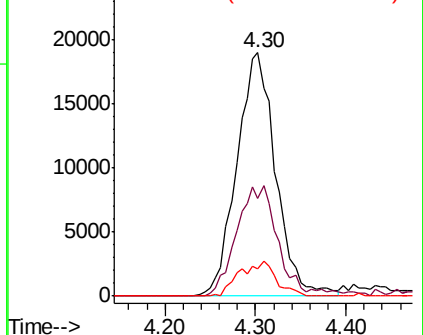
141 13.5 11.6 17.4

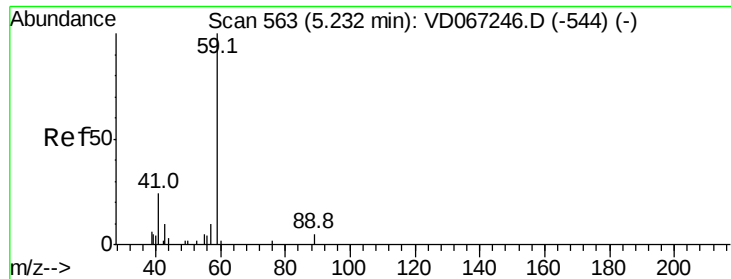


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



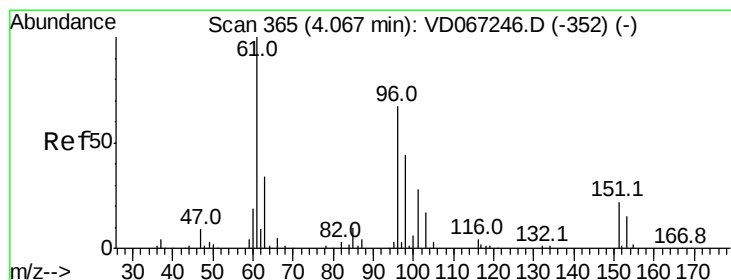
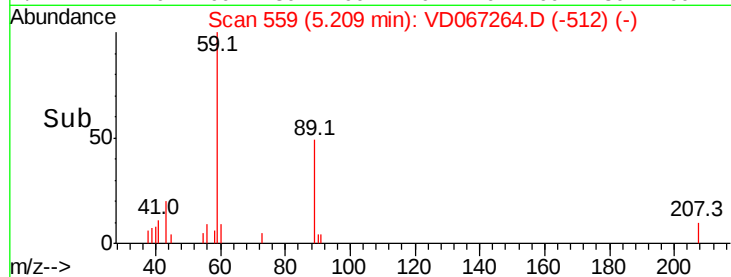
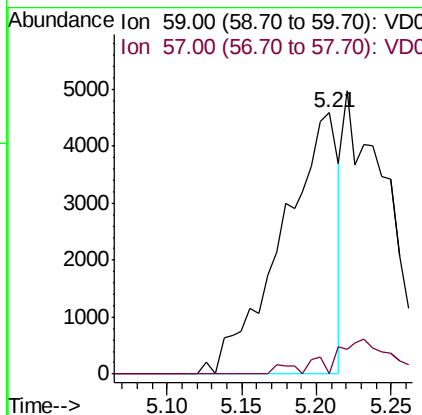
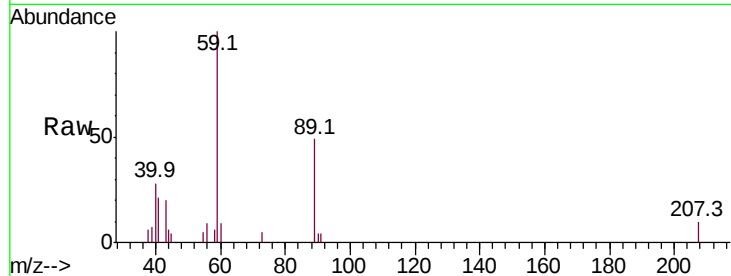


#11

Tert butyl alcohol
 Concen: 27.779 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

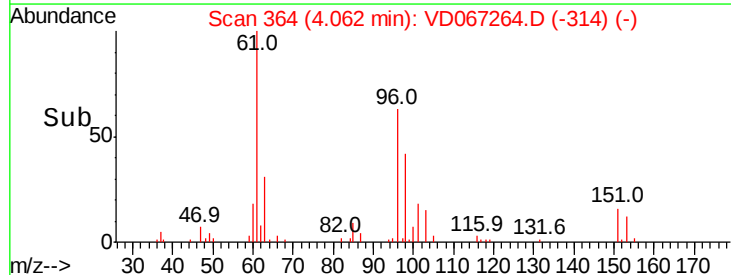
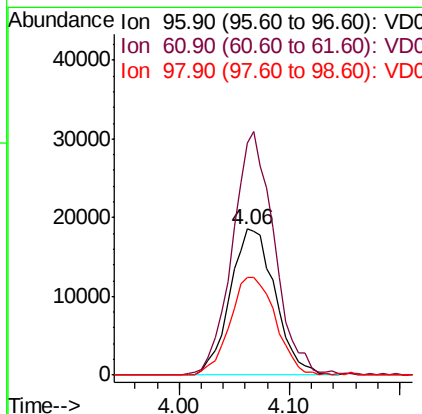
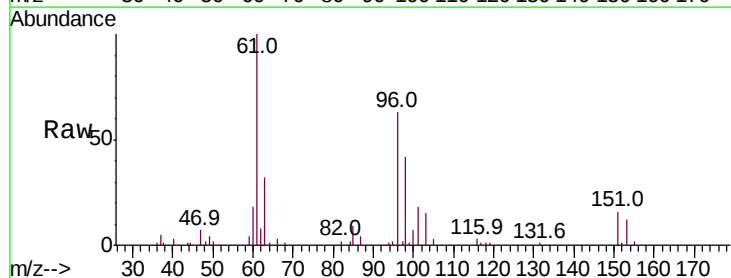
Tot Ion: 59 Resp: 11963
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.1 7.7#

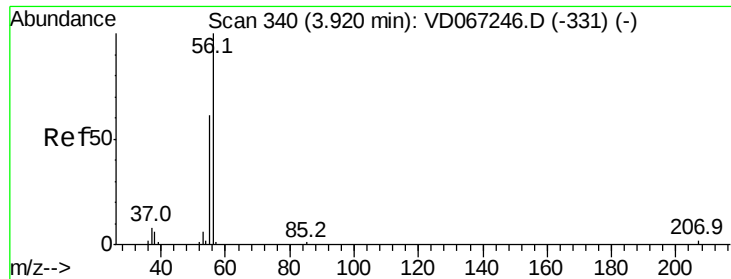


#12

1,1-Dichloroethene
 Concen: 19.091 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

Tgt Ion: 96 Resp: 52975
 Ion Ratio Lower Upper
 96 100
 61 158.0 118.6 177.8
 98 67.1 51.8 77.6





#13

Acrolein

Concen: 87.629 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

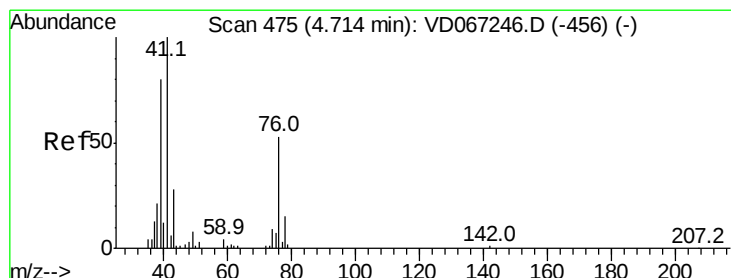
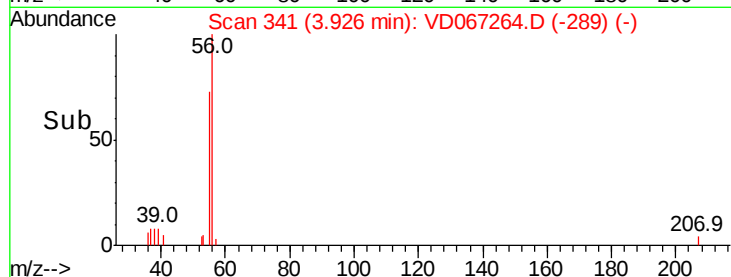
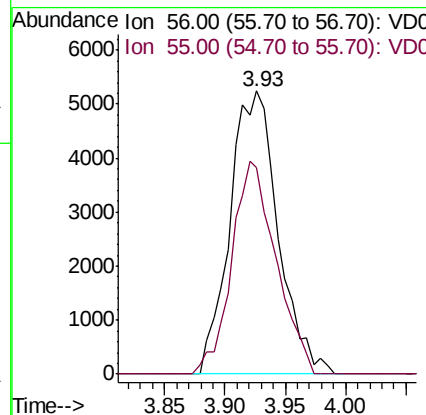
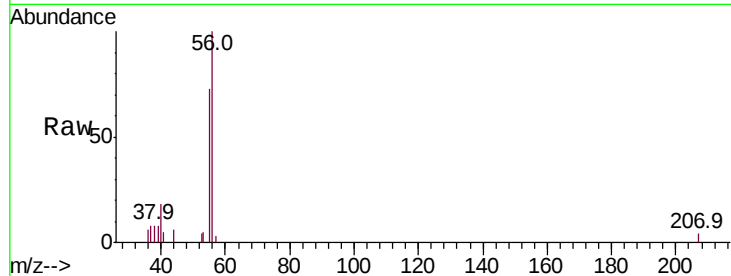
VD1014SBSD01

Tot Ion: 56 Resp: 14540

Ion Ratio Lower Upper

56 100

55 69.1 56.0 84.0



#14

Allyl chloride

Concen: 19.652 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

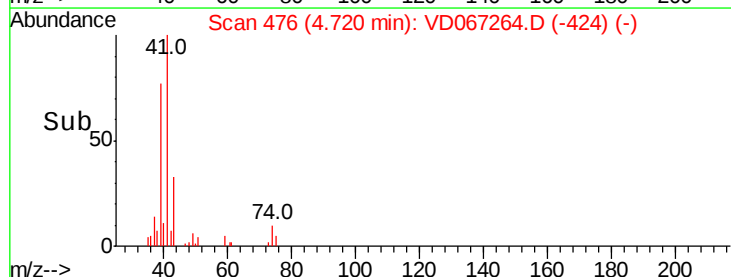
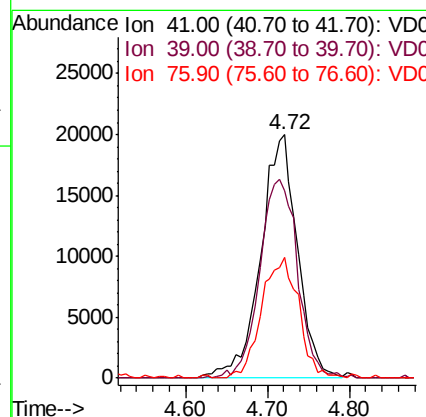
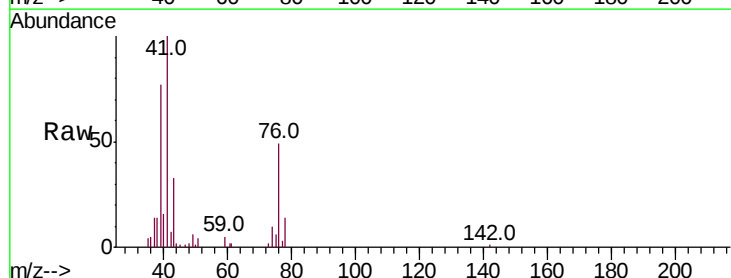
Tgt Ion: 41 Resp: 62449

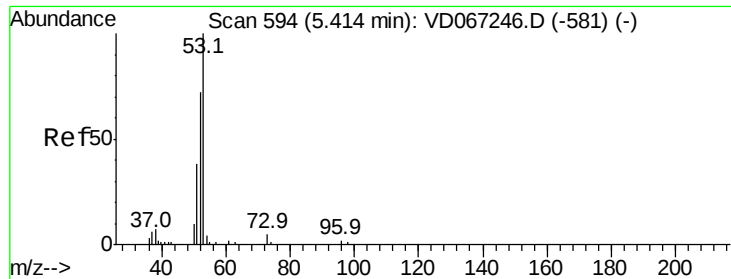
Ion Ratio Lower Upper

41 100

39 84.2 63.8 95.6

76 49.9 40.4 60.6





#15

Acrylonitrile

Concen: 104.079 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

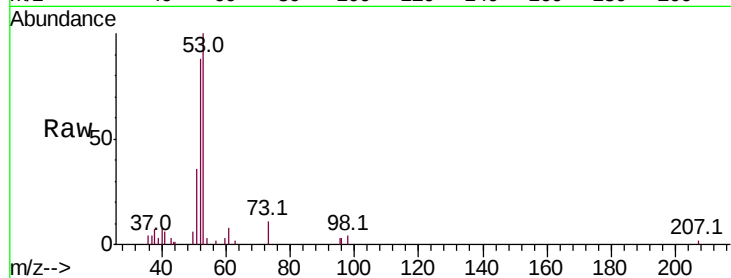
Tot Ion: 53 Resp: 46459

Ion Ratio Lower Upper

53 100

52 85.0 65.6 98.4

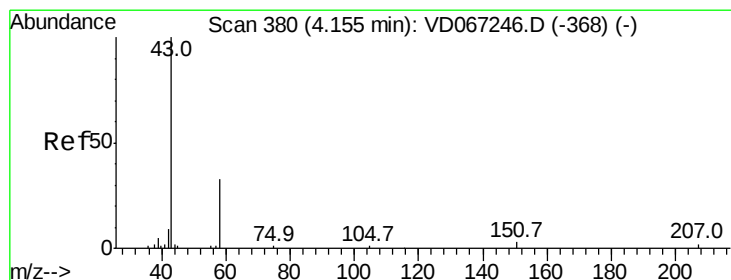
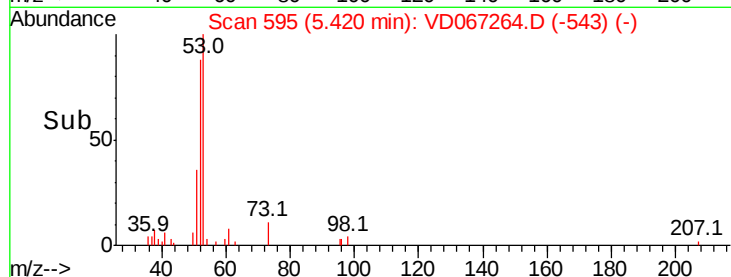
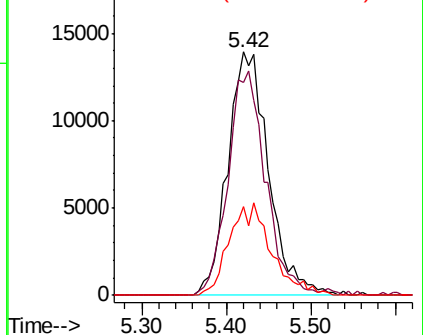
51 19.1 30.8 46.2#



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 99.382 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067264.D

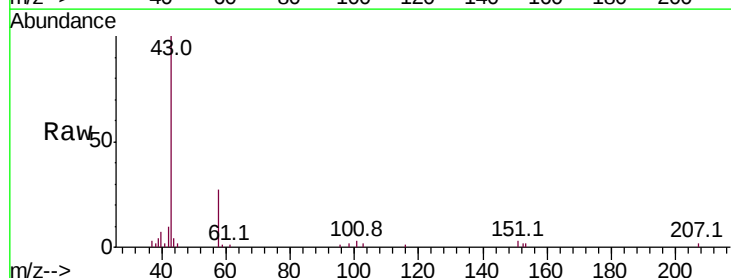
Acq: 14 Oct 2020 12:05

Tgt Ion: 43 Resp: 46884

Ion Ratio Lower Upper

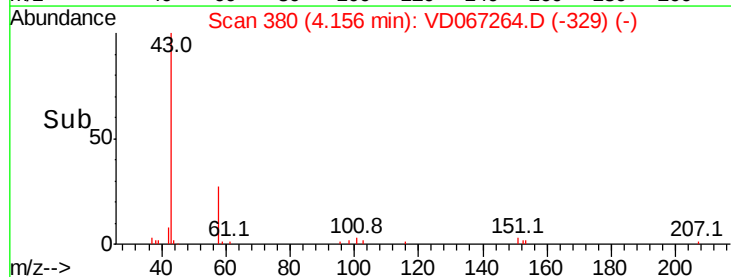
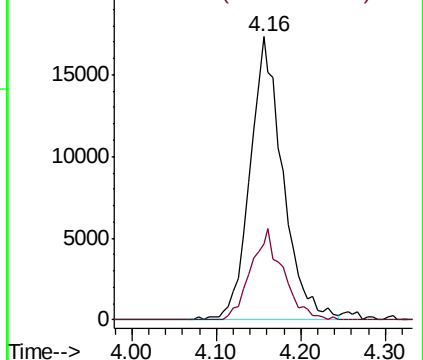
43 100

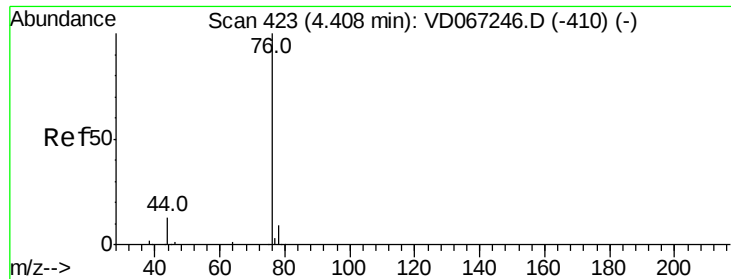
58 26.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

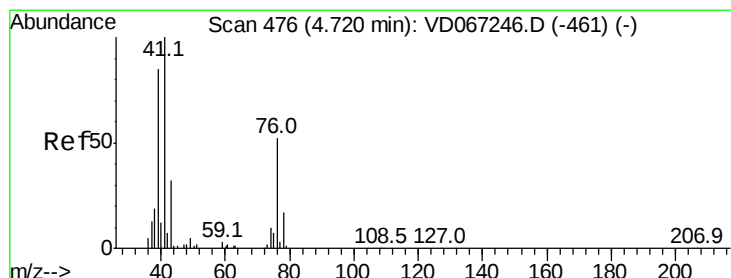
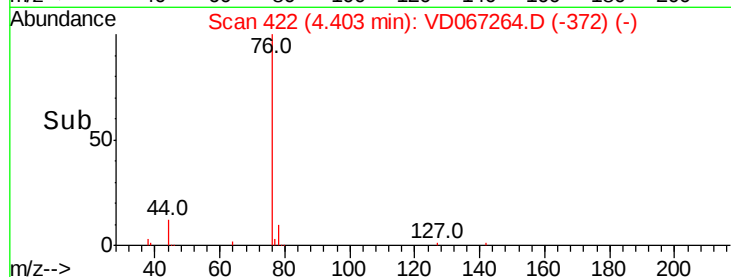
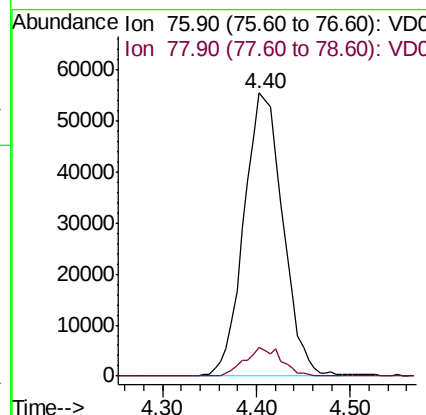
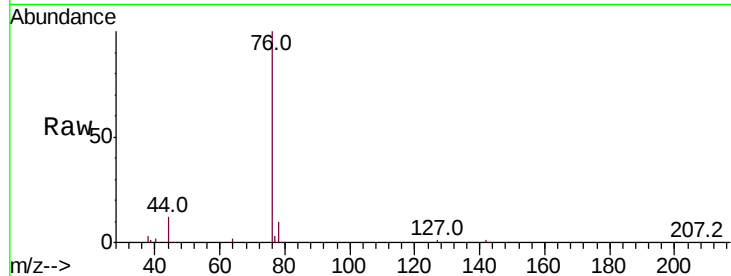




#17
Carbon Disulfide
Concen: 20.171 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

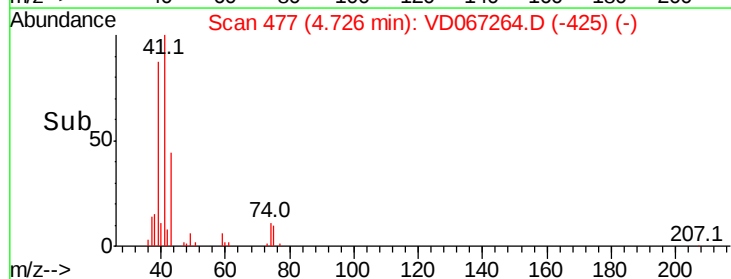
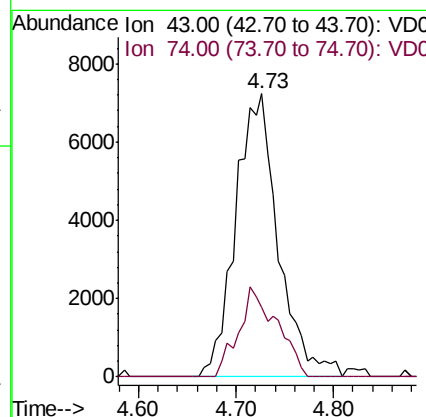
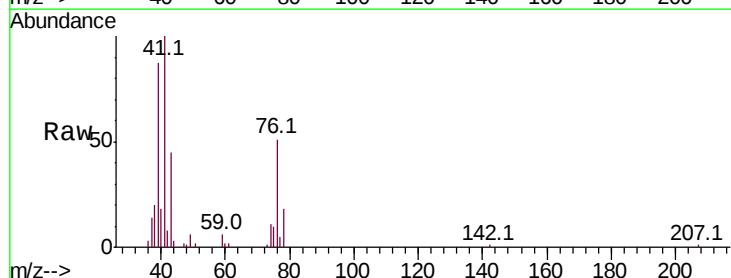
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBSD01

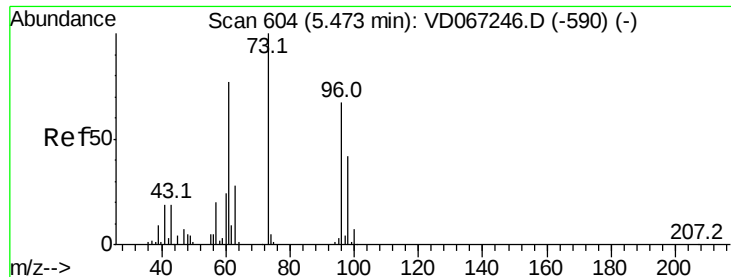
Tot Ion: 76 Resp: 159565
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 20.485 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion: 43 Resp: 22042
Ion Ratio Lower Upper
43 100
74 28.6 26.6 39.8



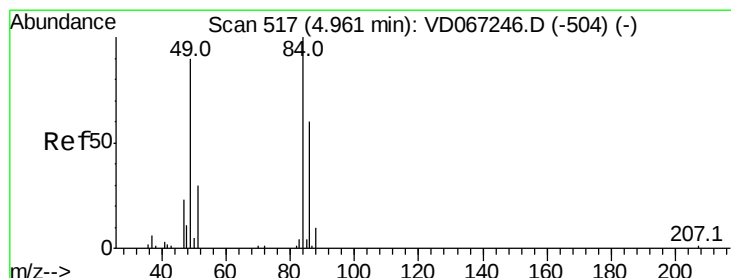
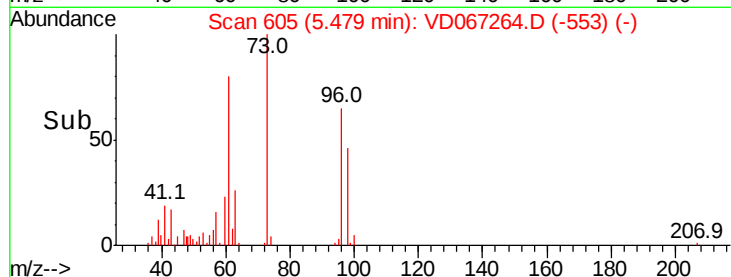
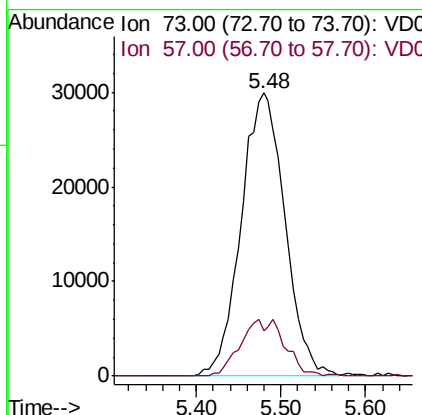
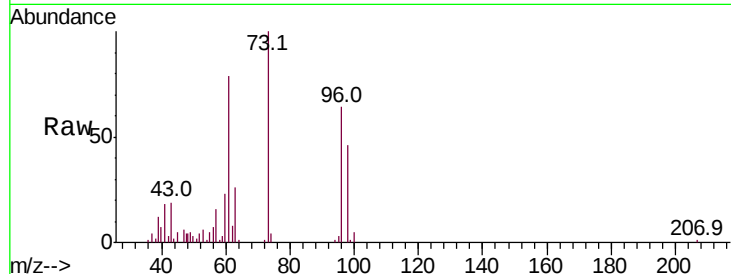


#19

Methyl tert-butyl Ether
 Concen: 19.504 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBS01

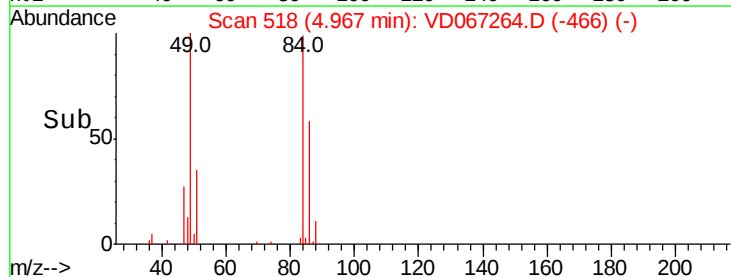
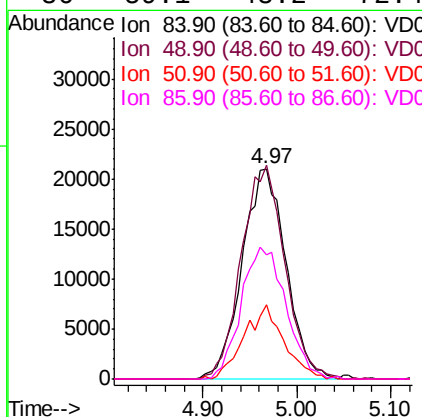
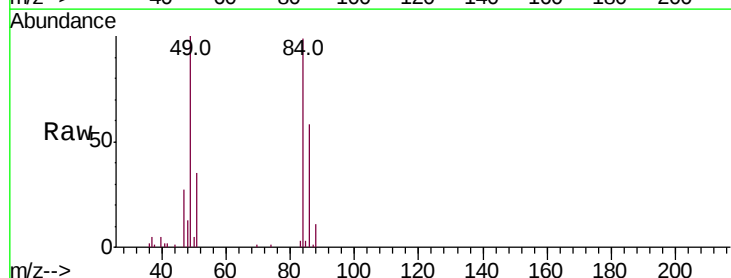
Tot Ion: 73 Resp: 107618
 Ion Ratio Lower Upper
 73 100
 57 16.2 15.7 23.5

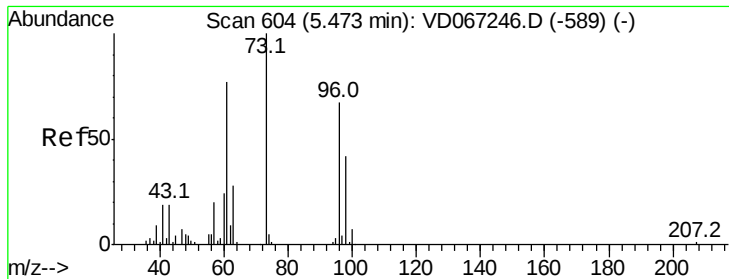


#20

Methylene Chloride
 Concen: 19.693 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

Tgt Ion: 84 Resp: 67731
 Ion Ratio Lower Upper
 84 100
 49 101.5 72.2 108.2
 51 35.1 23.8 35.8
 86 59.1 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 19.800 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

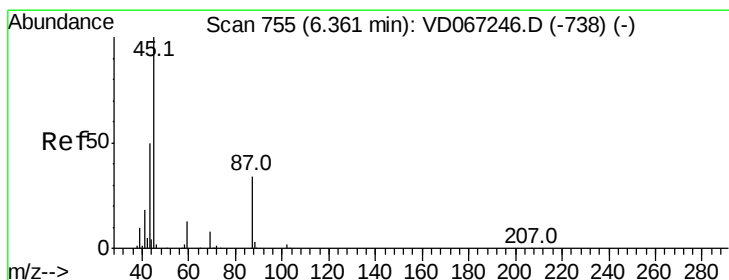
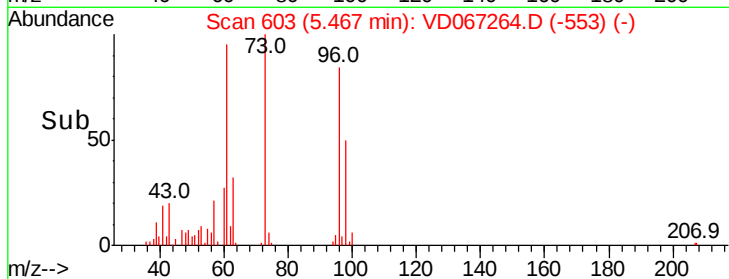
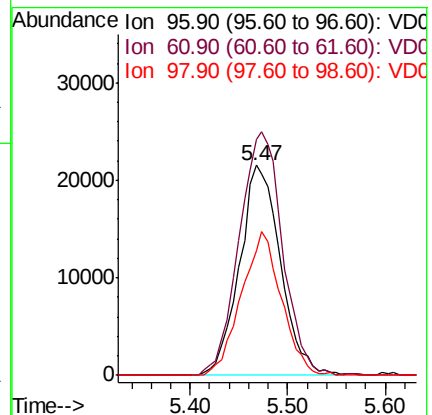
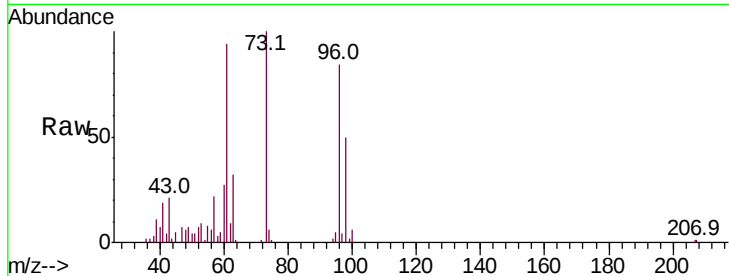
Tot Ion: 96 Resp: 63226

Ion Ratio Lower Upper

96 100

61 112.1 92.0 138.0

98 59.6 49.8 74.8



#22

Diisopropyl ether

Concen: 21.470 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Tgt Ion: 45 Resp: 124636

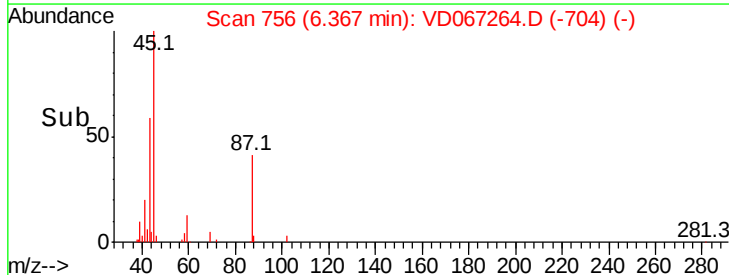
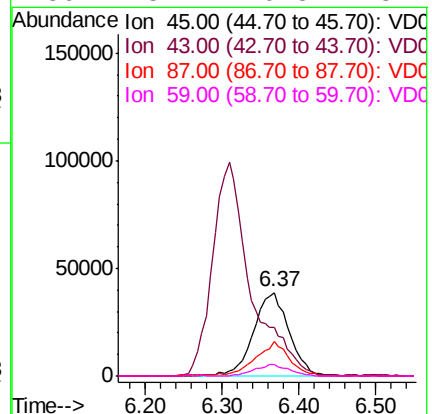
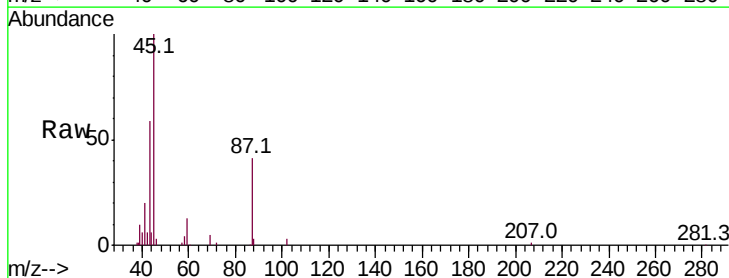
Ion Ratio Lower Upper

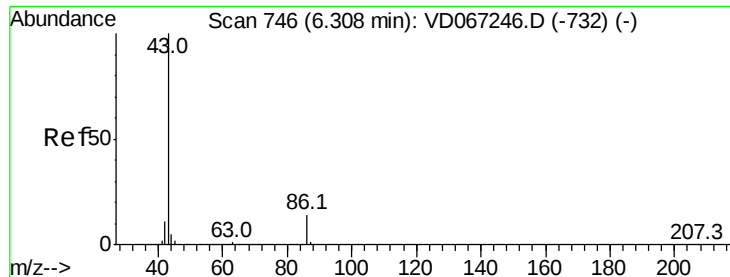
45 100

43 58.0 48.0 72.0

87 41.0 28.5 42.7

59 13.2 10.5 15.7

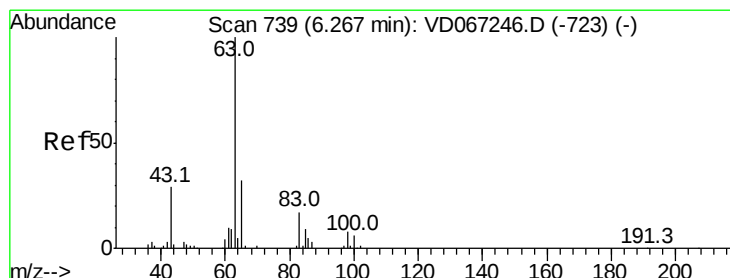
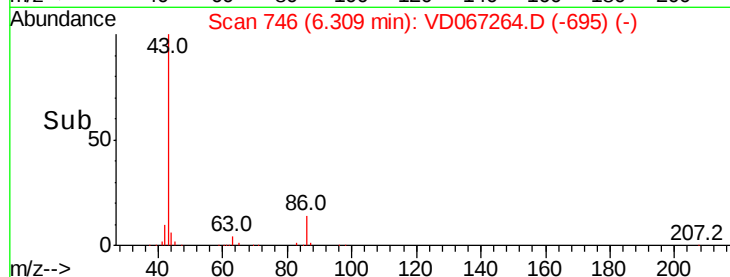
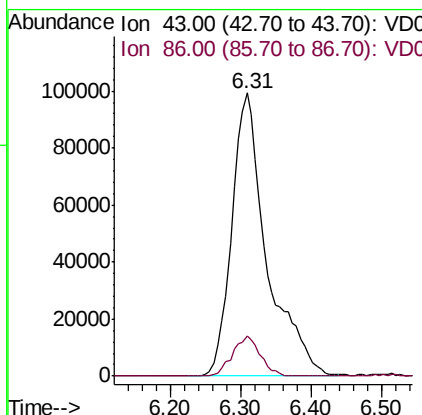
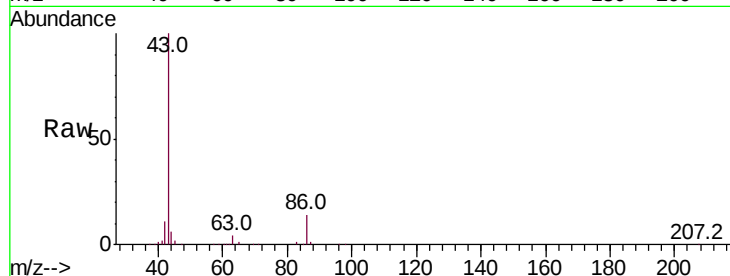




#23
 Vinyl Acetate
 Concen: 103.562 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

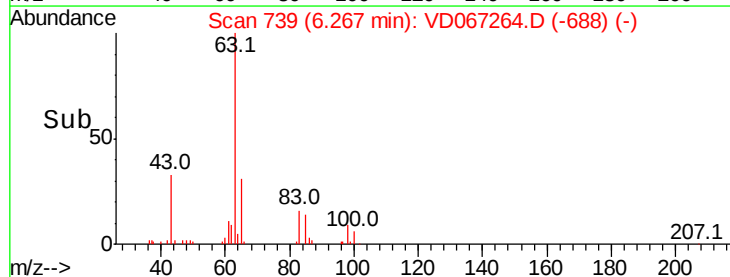
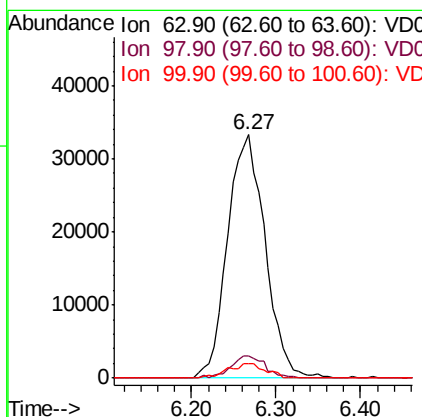
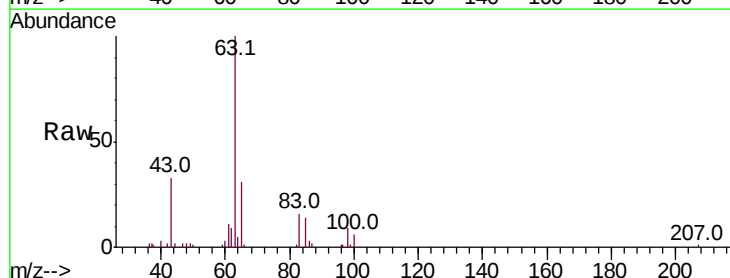
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBSD01

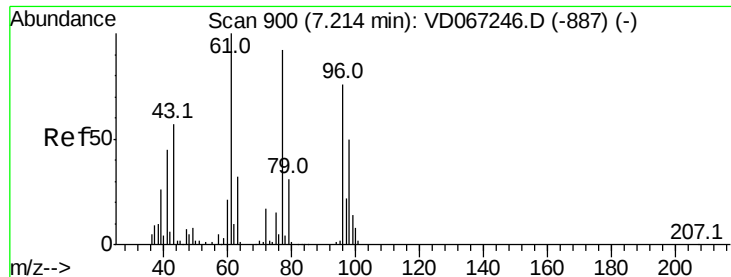
Tot Ion: 43 Resp: 342027
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.0 16.6



#24
 1,1-Dichloroethane
 Concen: 20.637 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

Tgt Ion: 63 Resp: 102548
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.0 12.2
 100 6.1 2.8 8.4





#25

2-Butanone

Concen: 103.632 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

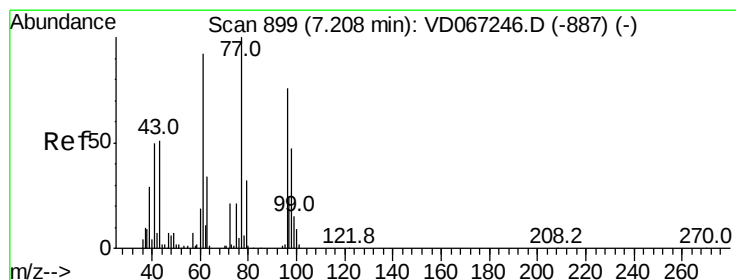
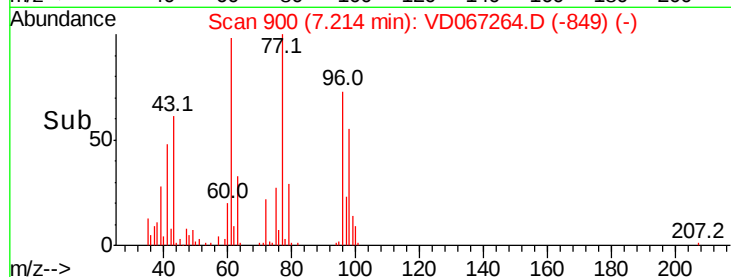
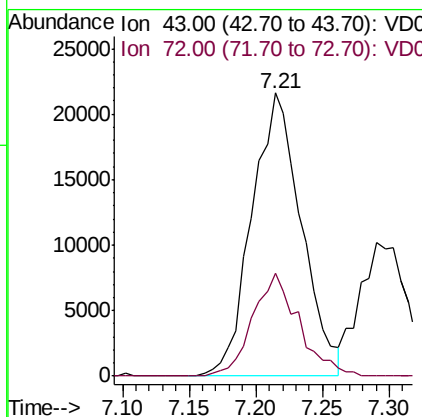
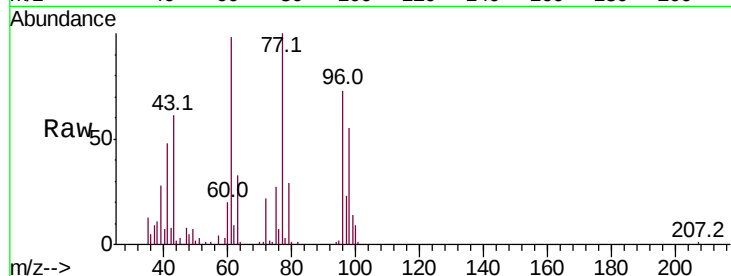
VD1014SBSD01

Tot Ion: 43 Resp: 55728

Ion Ratio Lower Upper

43 100

72 36.3 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 20.377 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067264.D

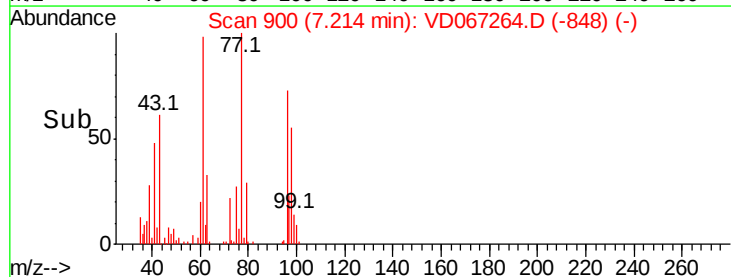
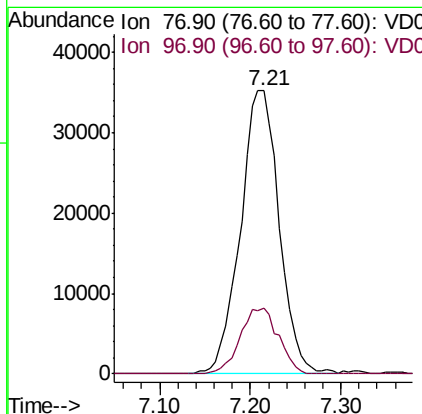
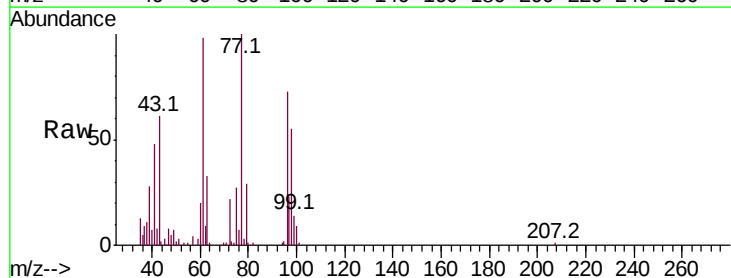
Acq: 14 Oct 2020 12:05

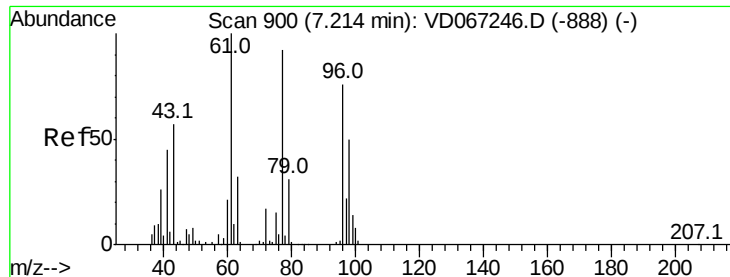
Tgt Ion: 77 Resp: 104369

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2

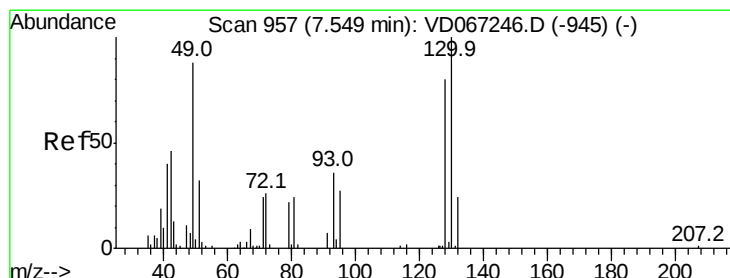
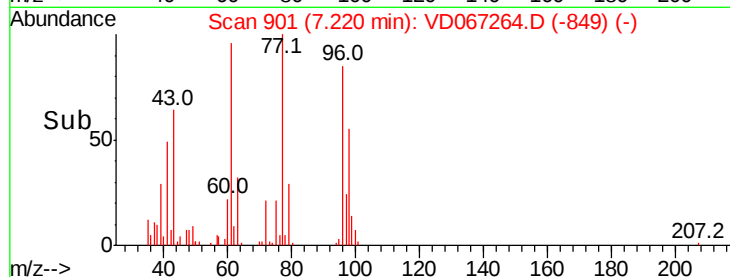
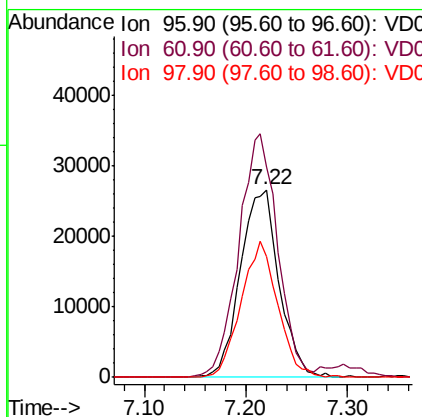
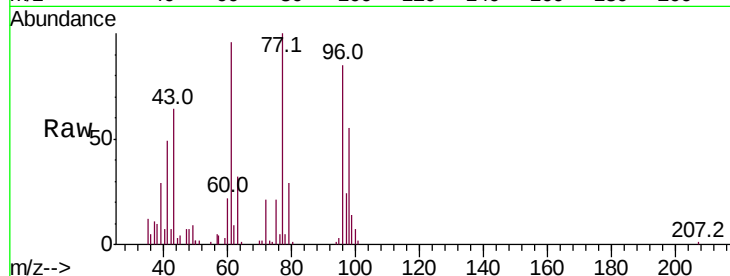




#27
 cis-1,2-Dichloroethene
 Concen: 20.127 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

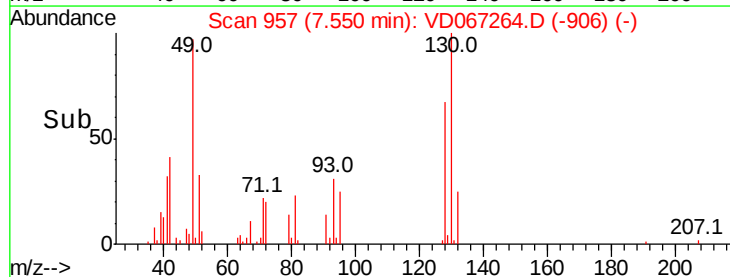
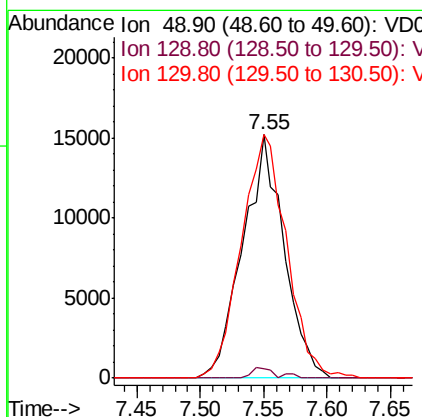
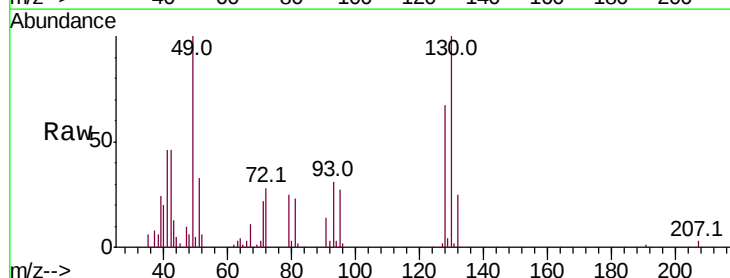
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBSD01

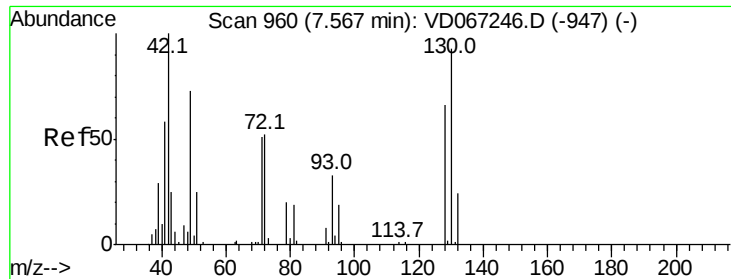
Tot Ion: 96 Resp: 70439
 Ion Ratio Lower Upper
 96 100
 61 129.9 0.0 255.4
 98 68.6 0.0 128.0



#28
 Bromochloromethane
 Concen: 20.240 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

Tgt Ion: 49 Resp: 34305
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 110.2 91.0 136.6

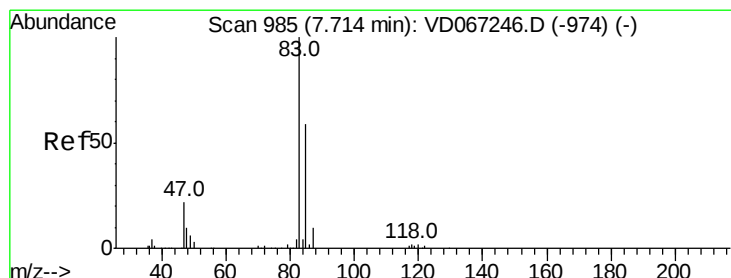
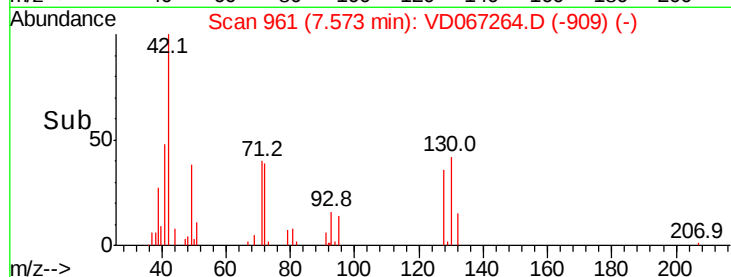
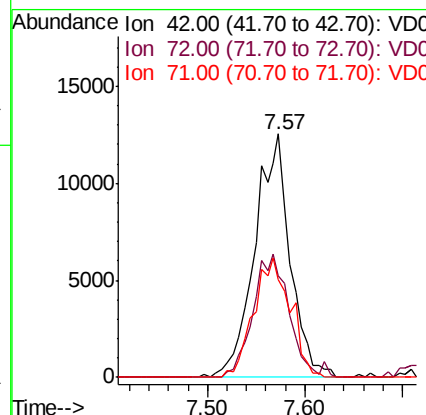
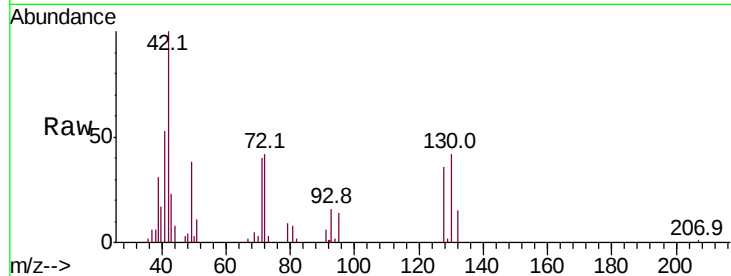




#29
Tetrahydrofuran
Concen: 106.579 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.01 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

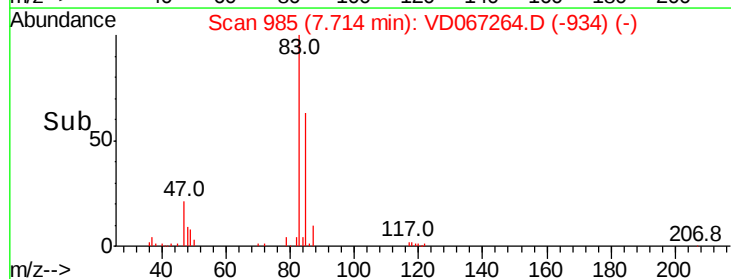
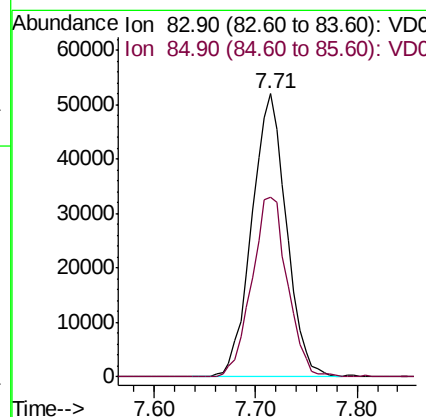
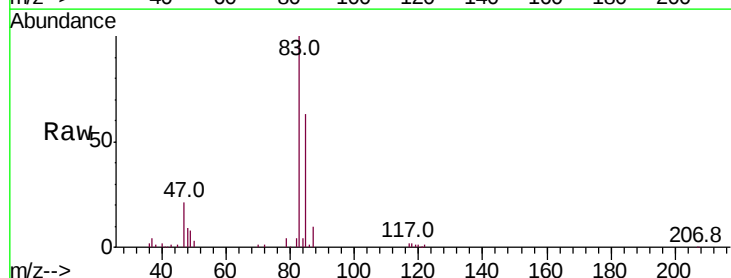
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

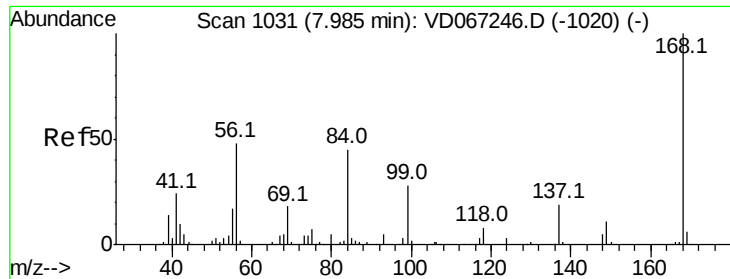
Tot Ion: 42 Resp: 31859
Ion Ratio Lower Upper
42 100
72 51.1 43.2 64.8
71 51.0 39.4 59.0



#30
Chloroform
Concen: 20.800 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion: 83 Resp: 123473
Ion Ratio Lower Upper
83 100
85 63.3 47.3 70.9

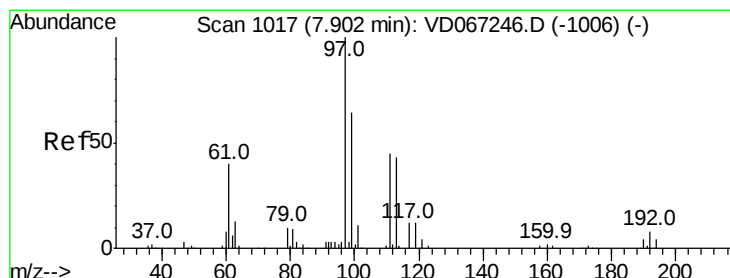
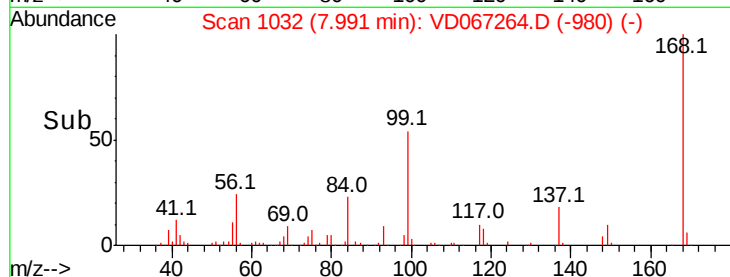
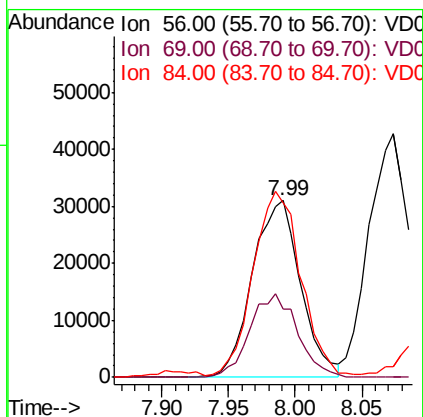
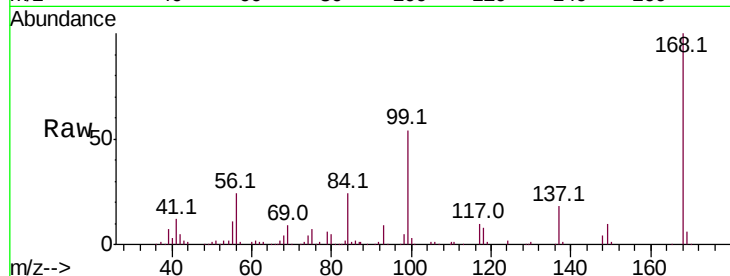




#31
Cyclohexane
Concen: 20.094 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

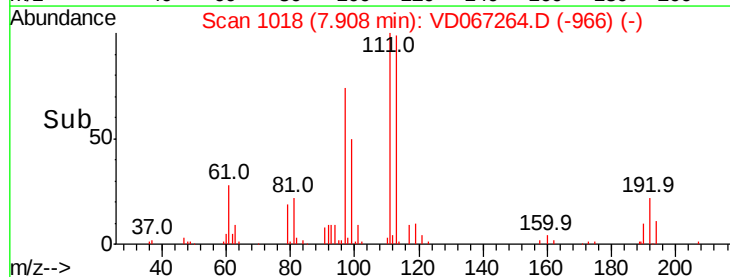
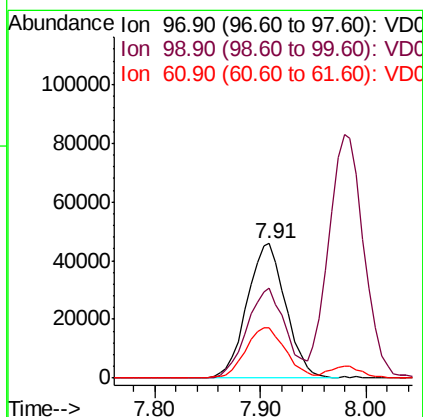
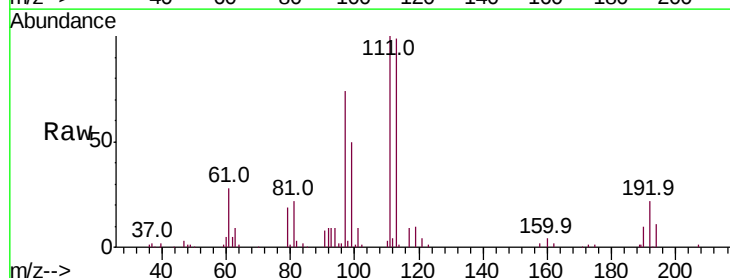
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBSD01

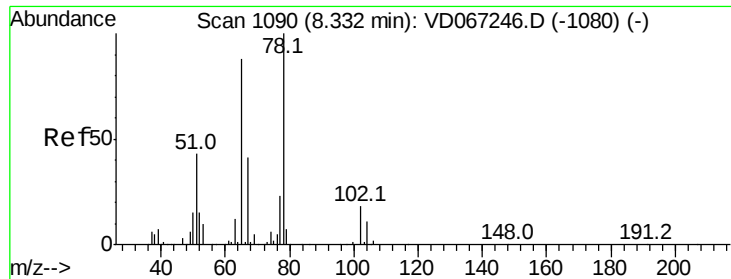
Tot Ion: 56 Resp: 77958
Ion Ratio Lower Upper
56 100
69 38.6 29.8 44.6
84 95.9 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 19.961 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion: 97 Resp: 116262
Ion Ratio Lower Upper
97 100
99 67.5 50.2 75.4
61 38.8 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 50.320 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

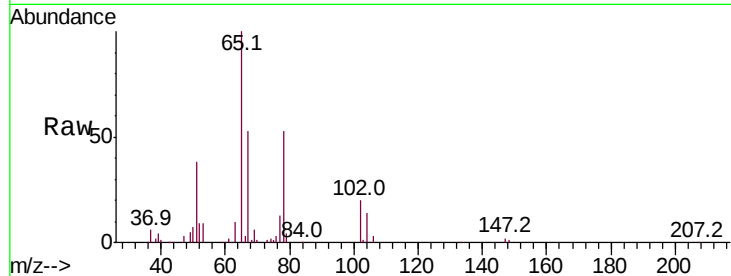
VD1014SBSD01

Tot Ion: 65 Resp: 169500

Ion Ratio Lower Upper

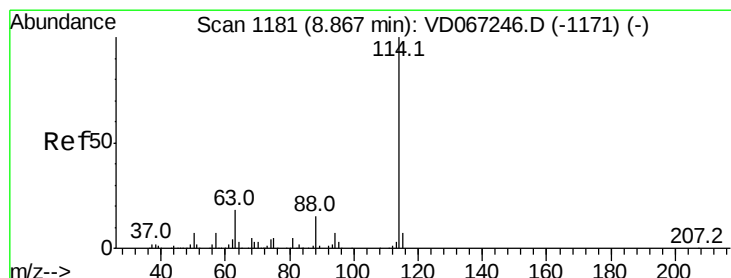
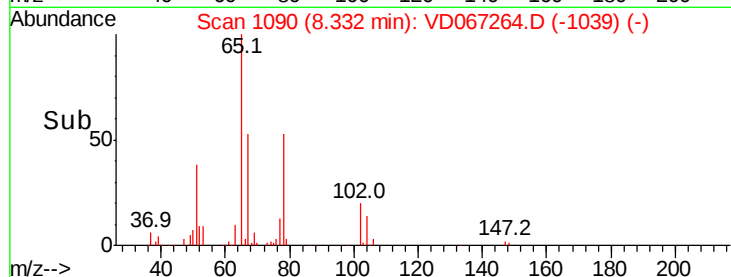
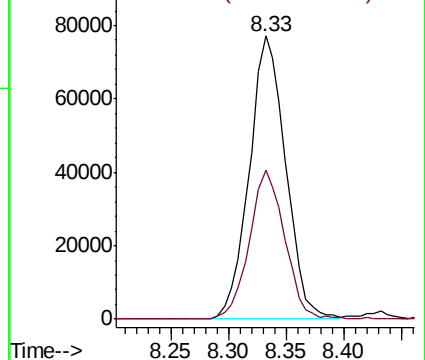
65 100

67 51.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

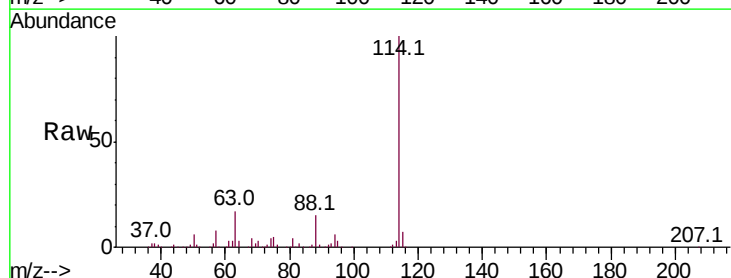
Tgt Ion: 114 Resp: 508927

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

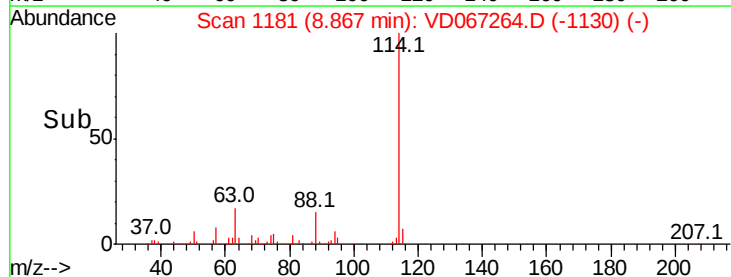
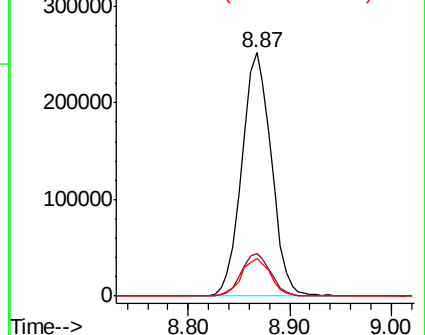
88 15.5 0.0 30.6

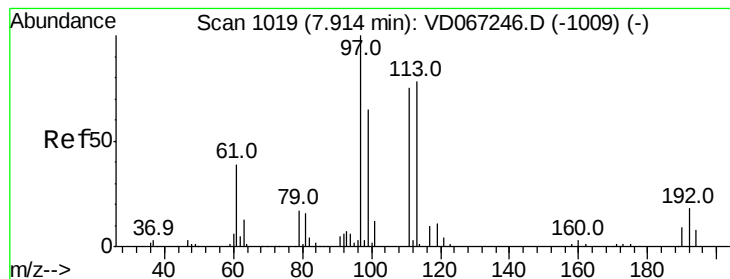


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 52.408 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

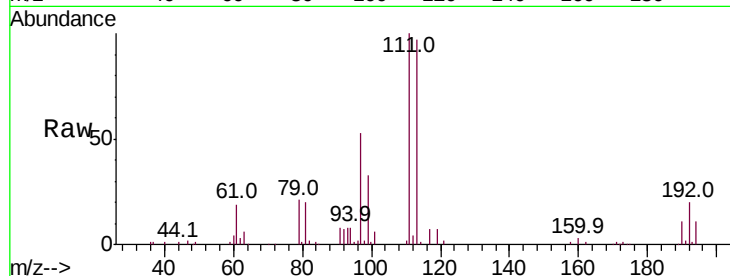
Tot Ion:113 Resp: 177503

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

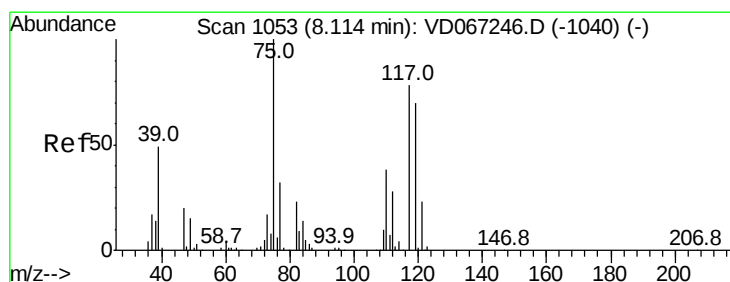
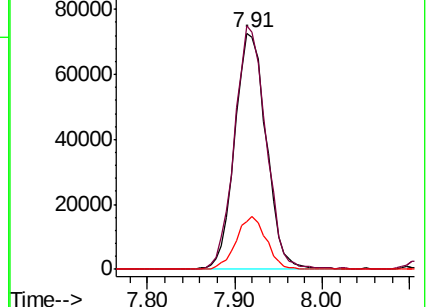
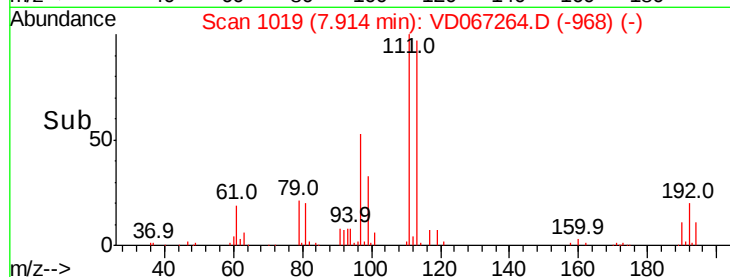
192 21.1 17.0 25.4



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: 20.782 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

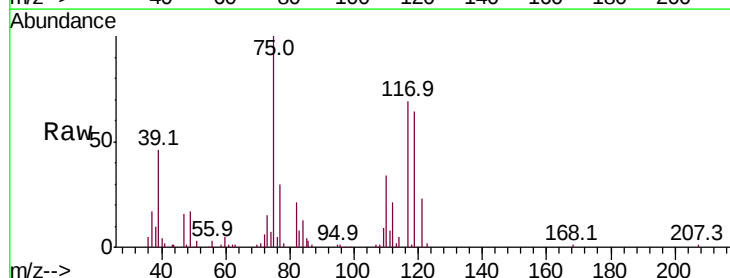
Tgt Ion: 75 Resp: 89645

Ion Ratio Lower Upper

75 100

110 36.7 19.6 58.7

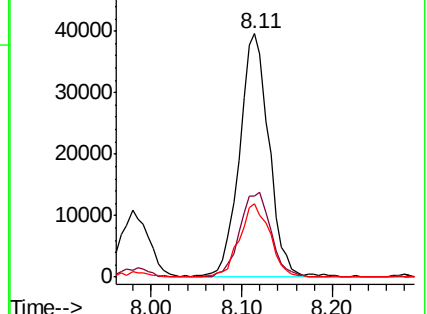
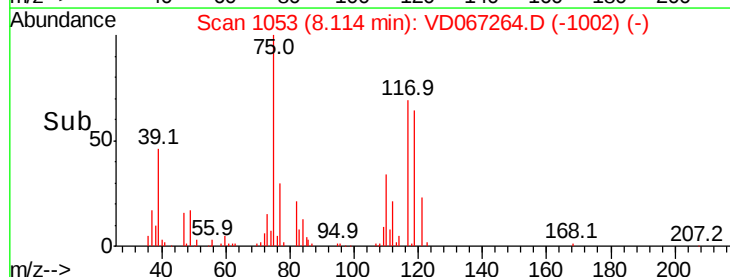
77 31.1 24.6 37.0

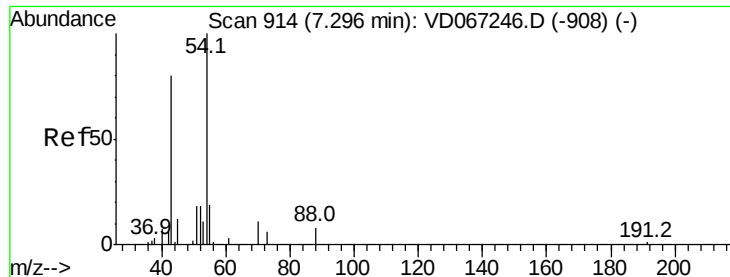


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

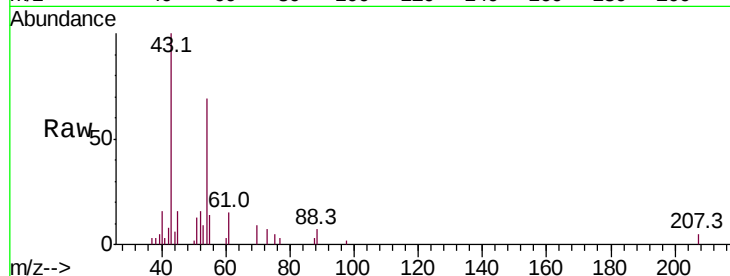




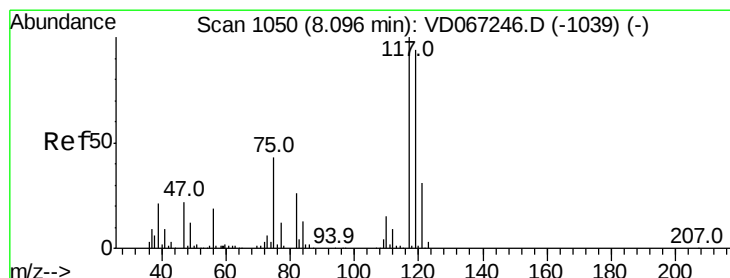
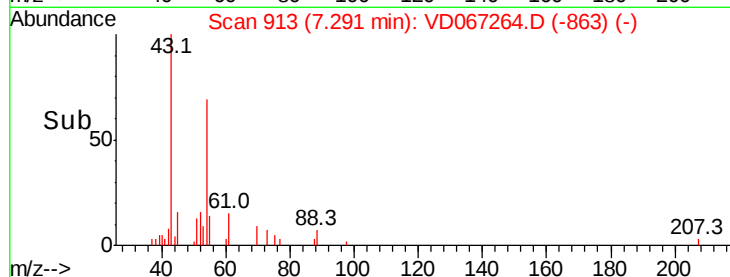
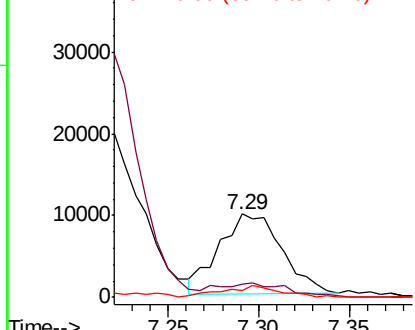
#37
Ethyl Acetate
Concen: 18.707 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Instrument :
MSVOA_D
ClientSampleID :
VD1014SBSD01

Tot Ion: 43 Resp: 23741
Ion Ratio Lower Upper
43 100
61 20.0 15.6 23.4
70 13.3 10.4 15.6

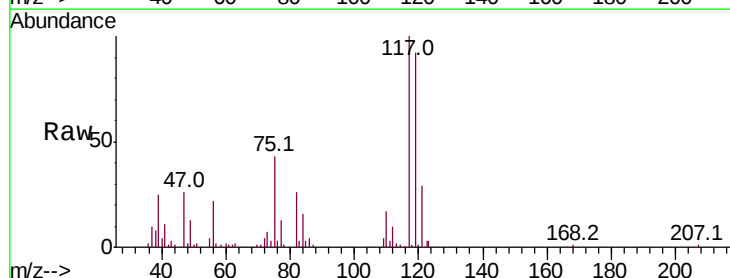


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

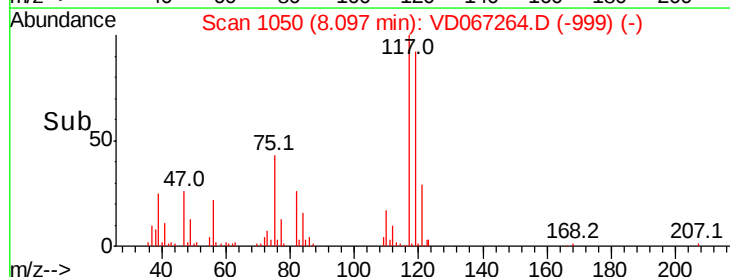
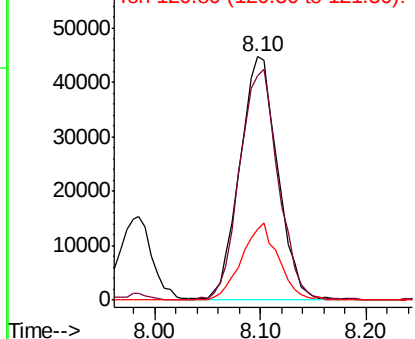


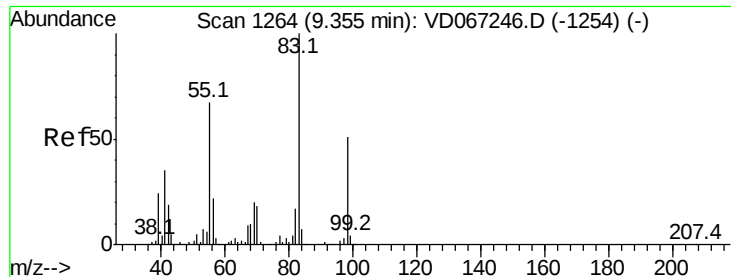
#38
Carbon Tetrachloride
Concen: 20.082 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion: 117 Resp: 110713
Ion Ratio Lower Upper
117 100
119 92.4 75.0 112.4
121 29.3 24.9 37.3



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

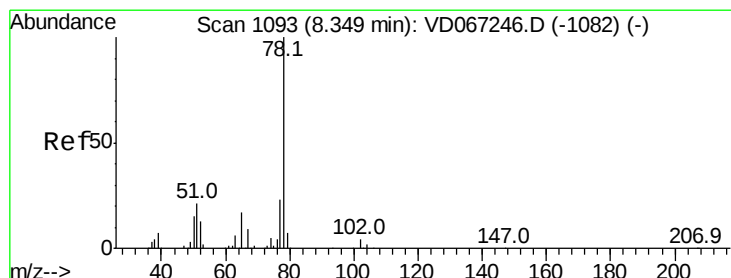
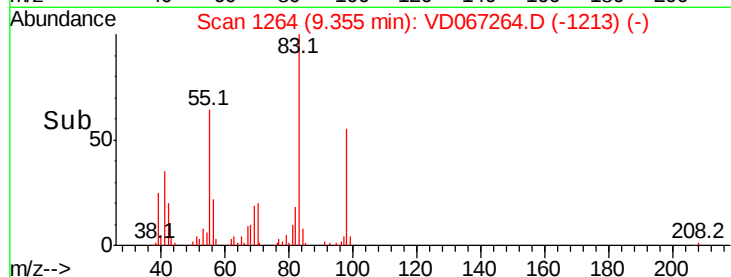
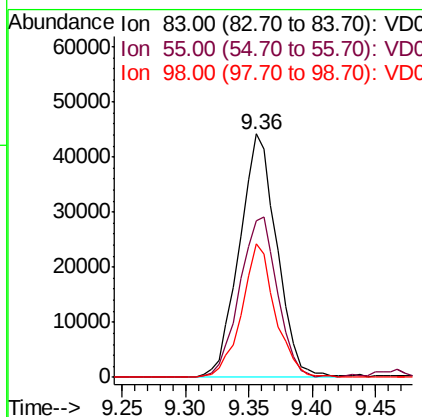
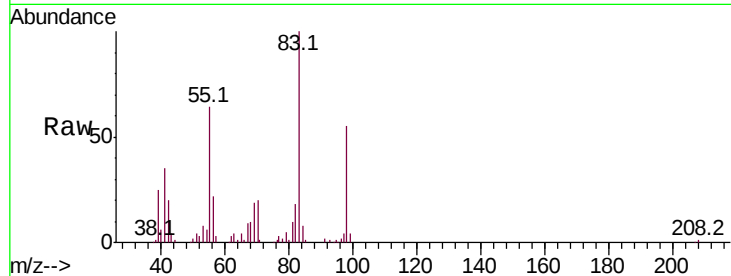




#39
Methvlcvclohexane
Concen: 20.124 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

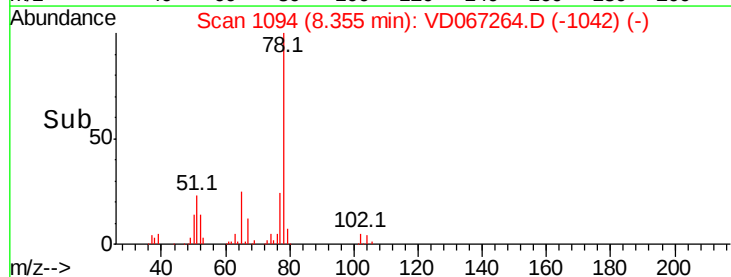
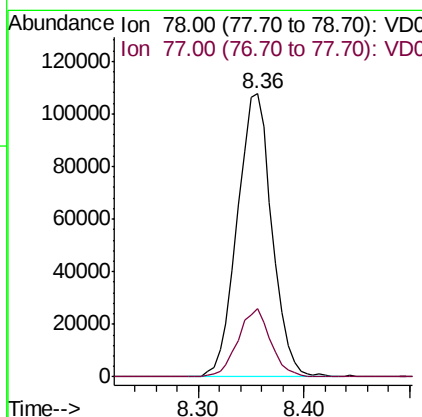
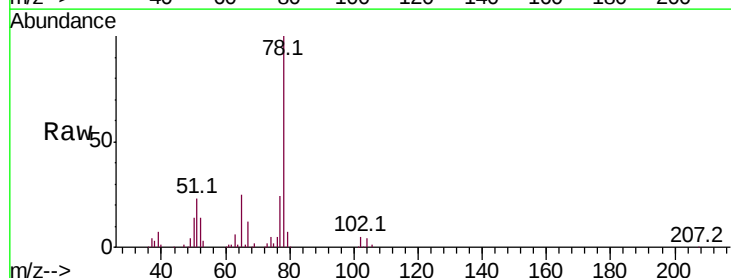
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBSD01

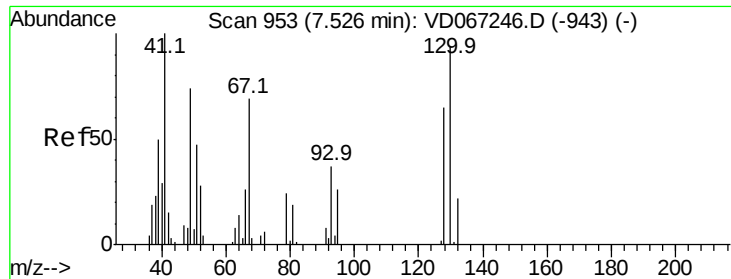
Tot Ion: 83 Resp: 90748
Ion Ratio Lower Upper
83 100
55 64.2 53.3 79.9
98 55.1 41.0 61.4



#40
Benzene
Concen: 20.731 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion: 78 Resp: 245323
Ion Ratio Lower Upper
78 100
77 24.0 18.3 27.5





#41

Methacrylonitrile

Concen: 24.282 ug/l

RT: 7.54 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

Tot Ion: 41 Resp: 16653

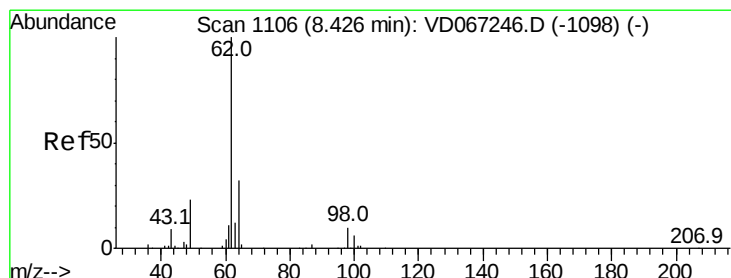
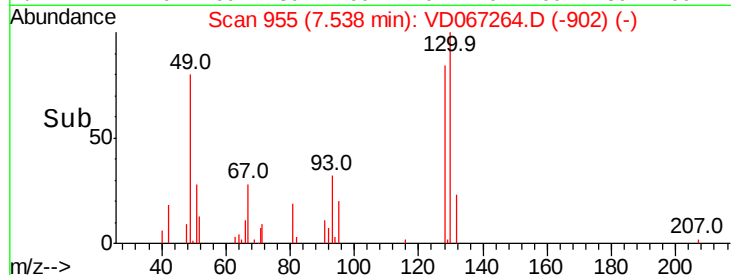
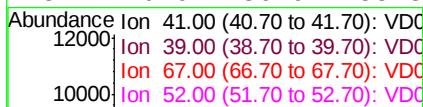
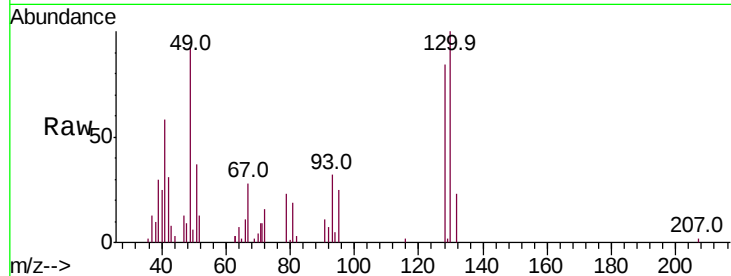
Ion Ratio Lower Upper

41 100

39 0.0 60.0 90.0#

67 0.0 88.9 133.3#

52 0.0 36.9 55.3#



#42

1,2-Dichloroethane

Concen: 19.883 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD067264.D

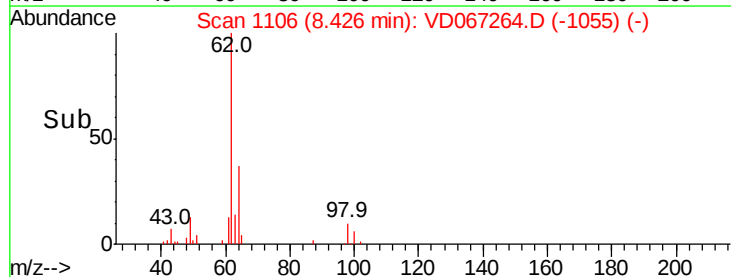
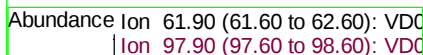
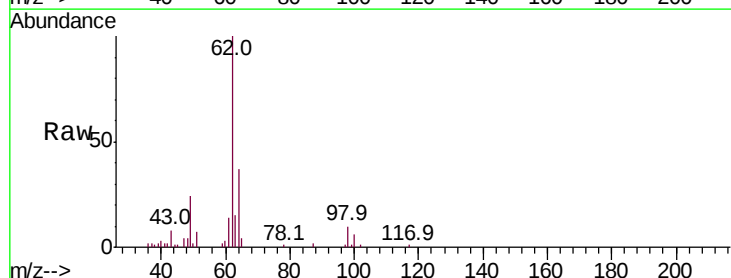
Acq: 14 Oct 2020 12:05

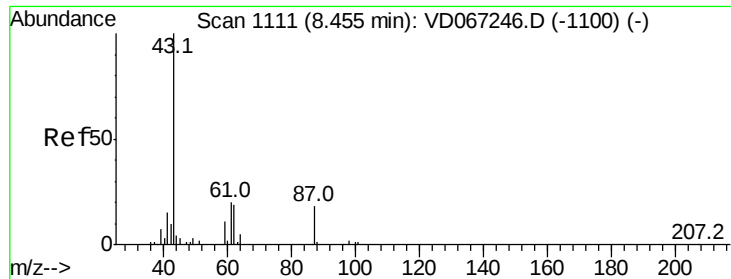
Tgt Ion: 62 Resp: 73634

Ion Ratio Lower Upper

62 100

98 10.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 20.571 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

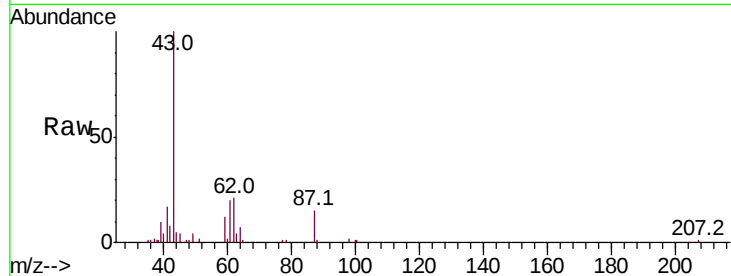
Tot Ion: 43 Resp: 51802

Ion Ratio Lower Upper

43 100

61 36.5 29.5 44.3

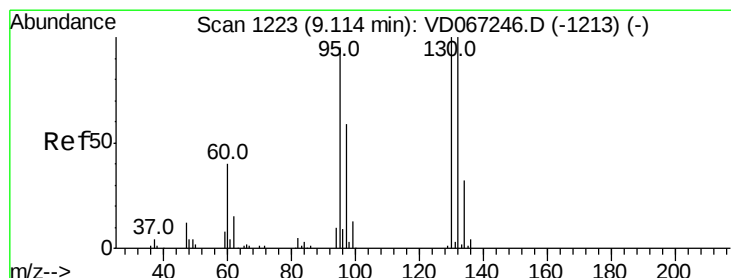
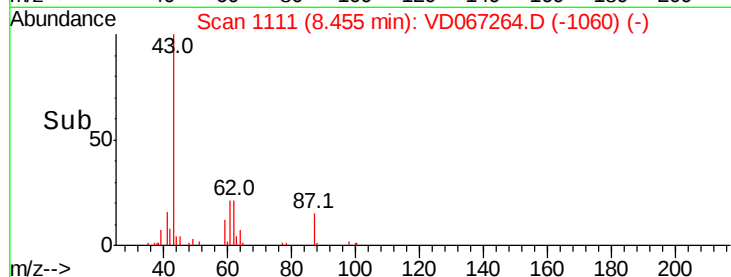
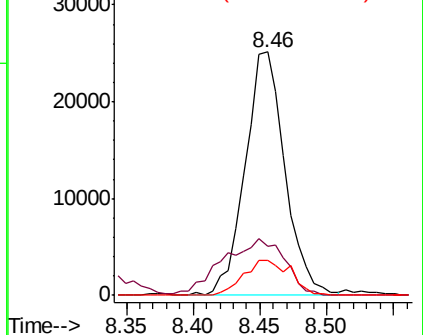
87 17.2 14.2 21.4



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: 20.592 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067264.D

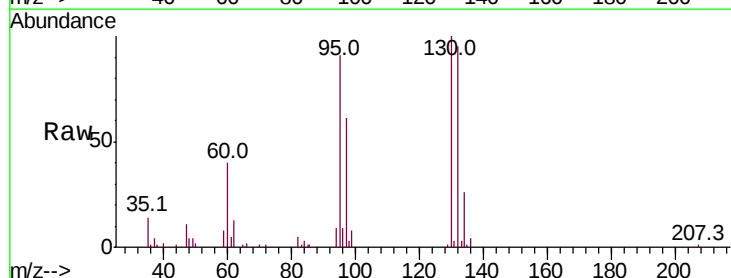
Acq: 14 Oct 2020 12:05

Tgt Ion:130 Resp: 78019

Ion Ratio Lower Upper

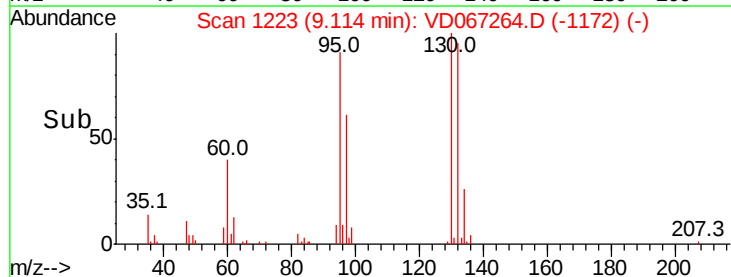
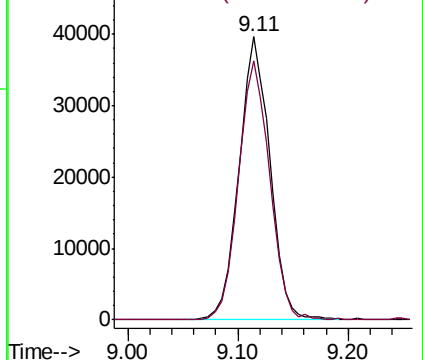
130 100

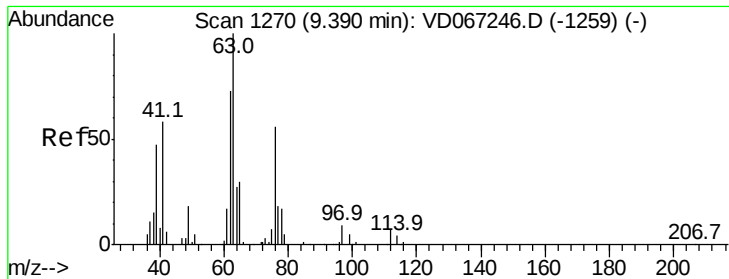
95 91.4 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.473 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

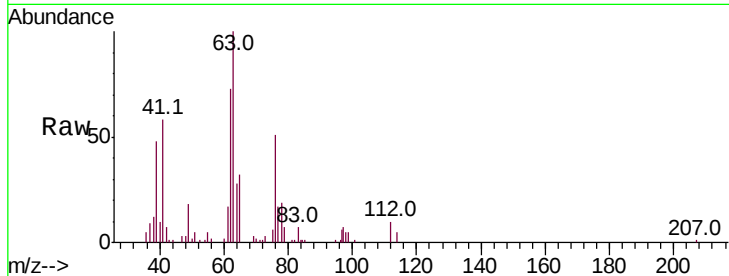
VD1014SBSD01

Tot Ion: 63 Resp: 56148

Ion Ratio Lower Upper

63 100

65 31.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

25000

20000

15000

10000

5000

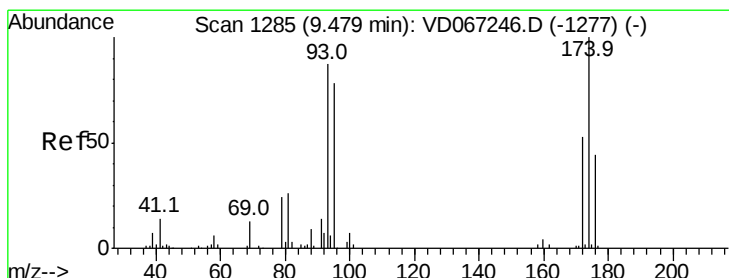
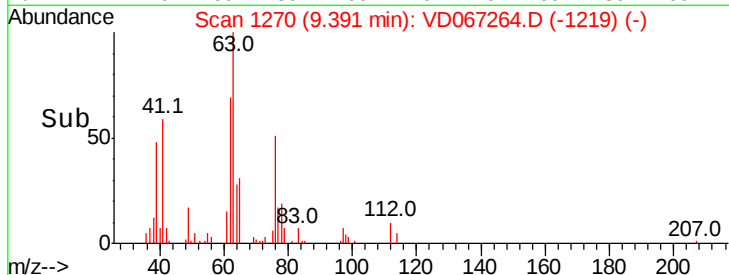
0

9.30

9.40

9.50

Time-->



#46

Dibromomethane

Concen: 21.025 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

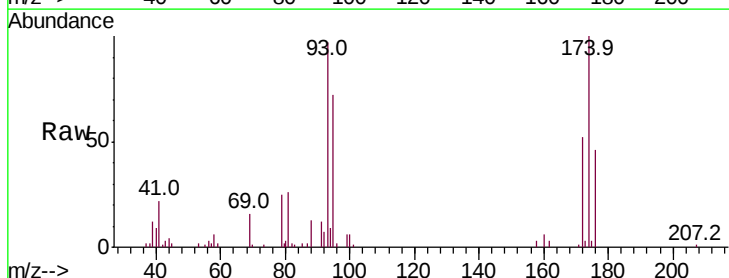
Tgt Ion: 93 Resp: 35926

Ion Ratio Lower Upper

93 100

95 81.5 68.0 102.0

174 106.1 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

9.48

25000

20000

15000

10000

5000

0

9.40

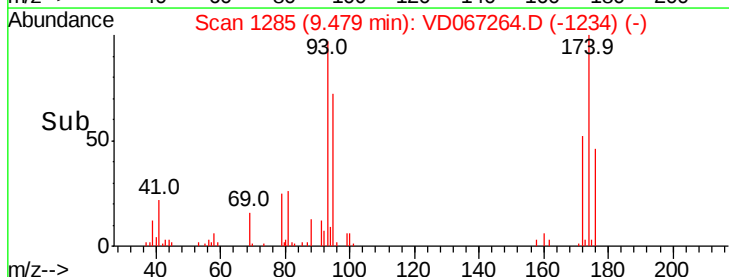
9.45

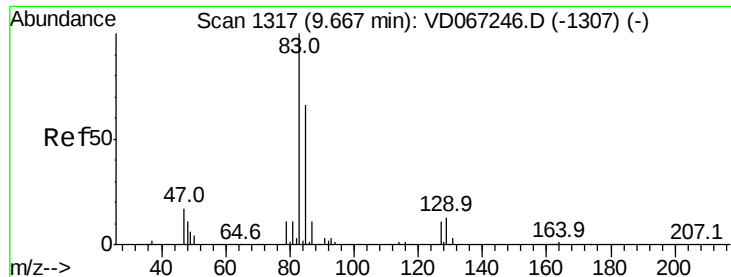
9.50

9.55

9.60

Time-->





#47

Bromodichloromethane

Concen: 20.672 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

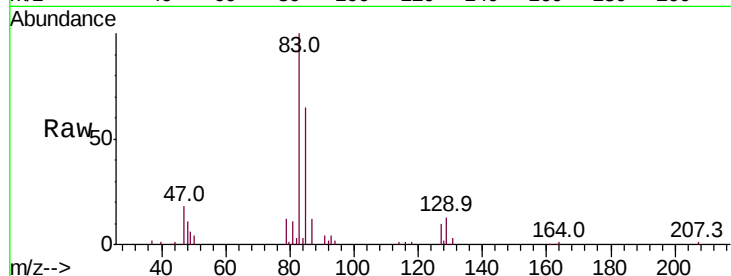
Tot Ion: 83 Resp: 94637

Ion Ratio Lower Upper

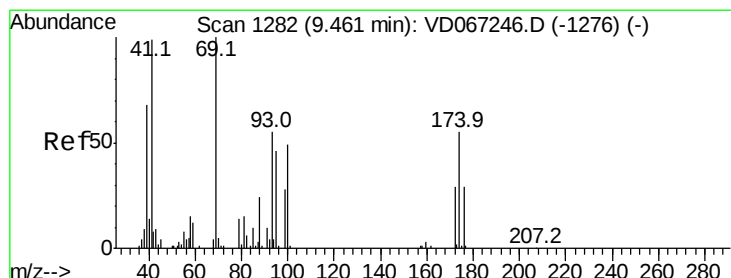
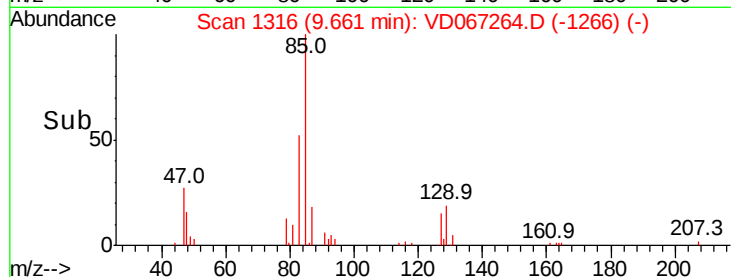
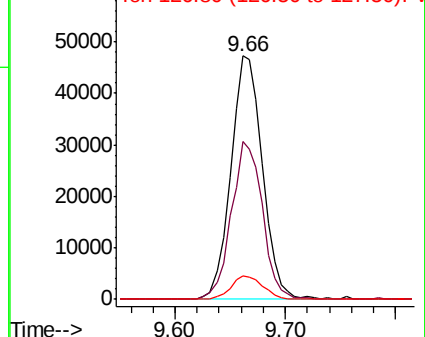
83 100

85 65.0 53.1 79.7

127 9.5 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: 20.408 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

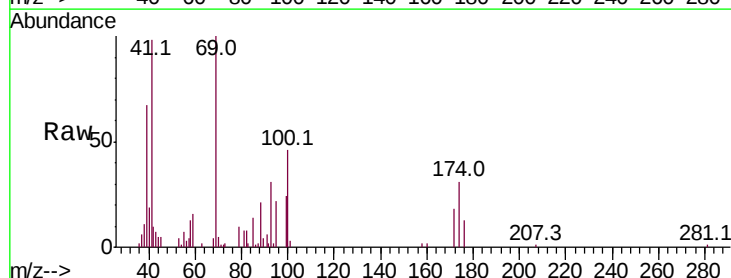
Tgt Ion: 41 Resp: 24975

Ion Ratio Lower Upper

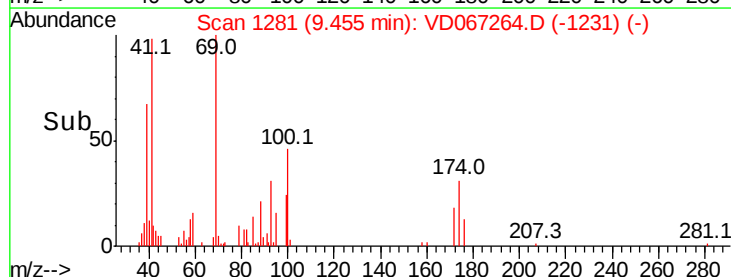
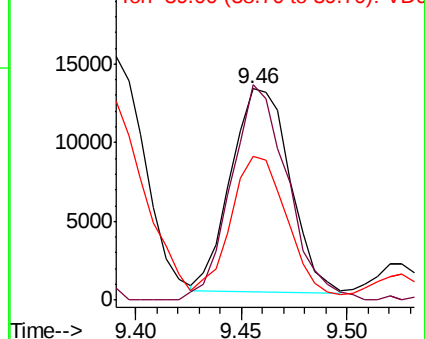
41 100

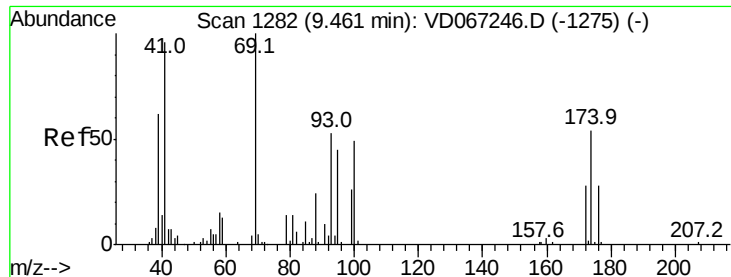
69 101.4 89.0 133.6

39 69.6 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: 428.085 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

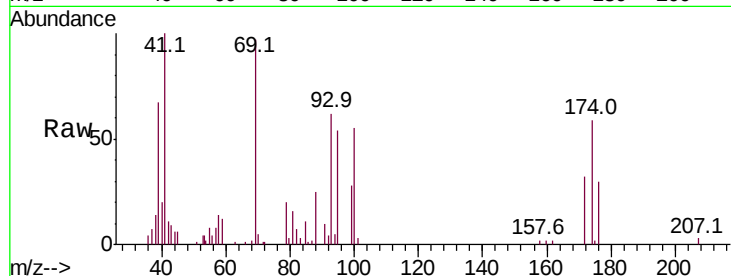
Tot Ion: 88 Resp: 7366

Ion Ratio Lower Upper

88 100

43 31.5 23.9 35.9

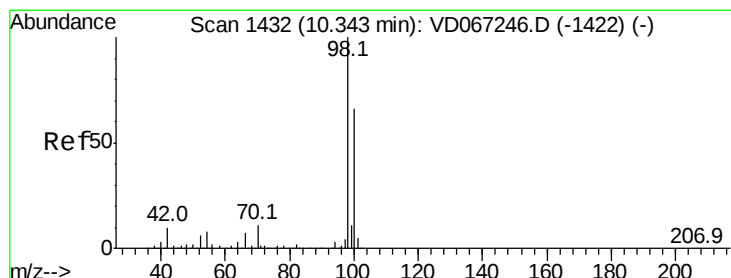
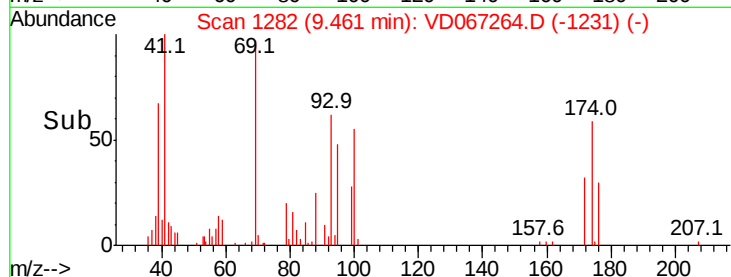
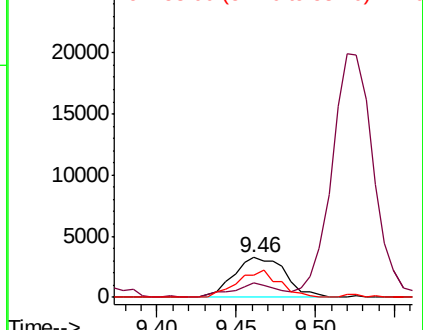
58 55.5 51.0 76.6



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: 52.807 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067264.D

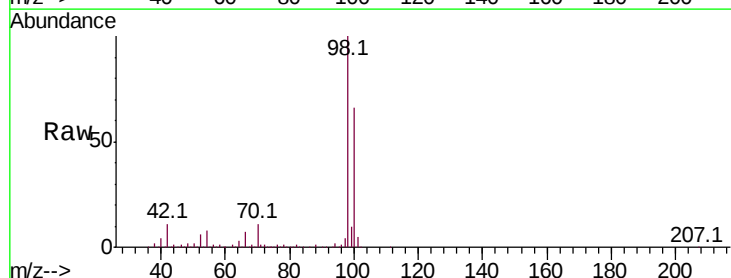
Acq: 14 Oct 2020 12:05

Tgt Ion: 98 Resp: 647255

Ion Ratio Lower Upper

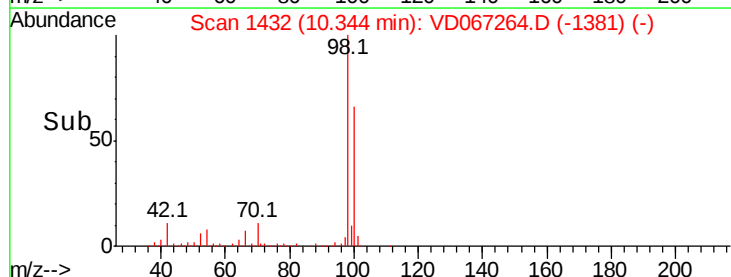
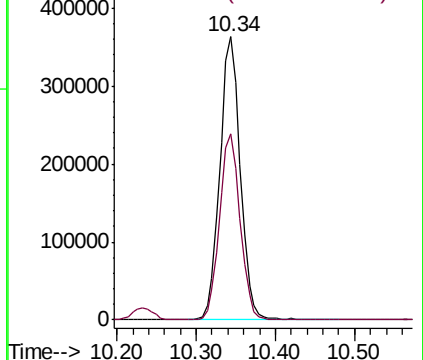
98 100

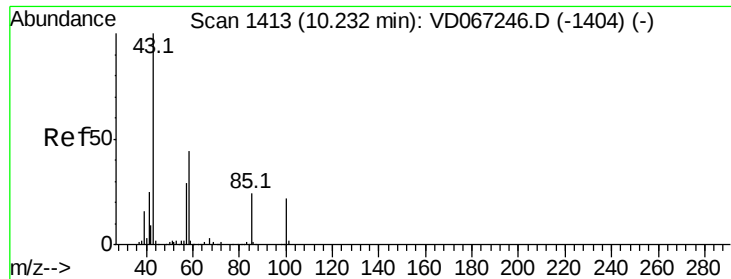
100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

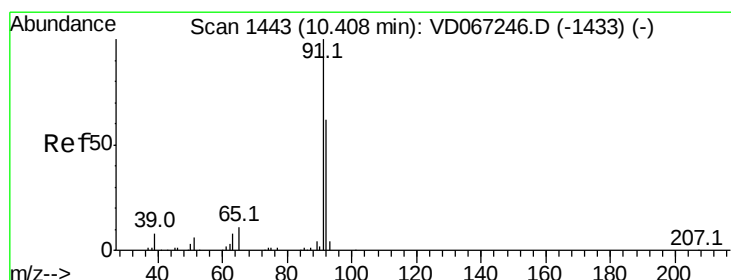
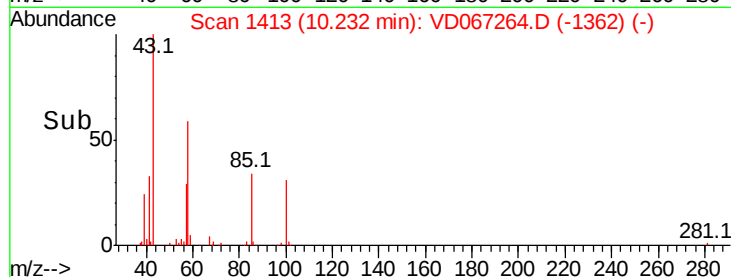
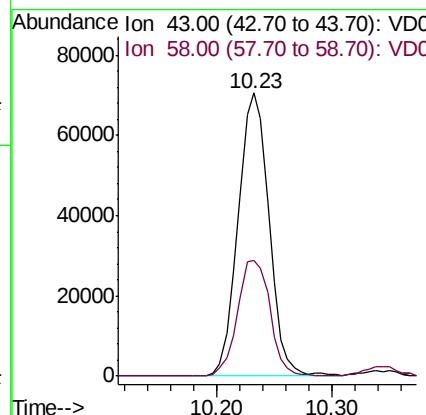
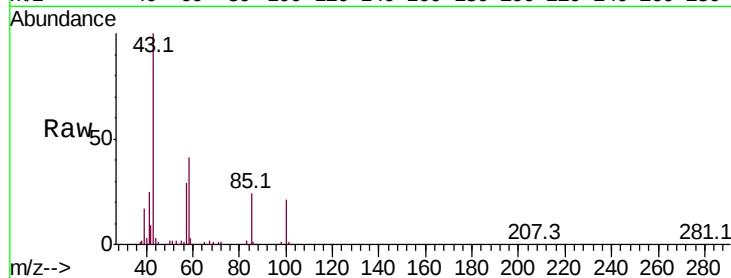




#51
4-Methyl-2-Pentanone
Concen: 104.334 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

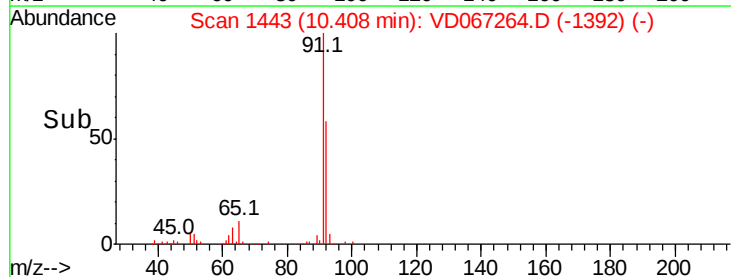
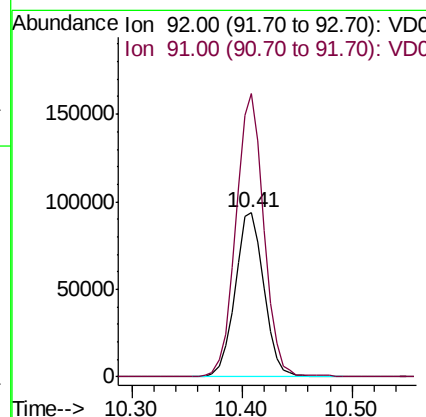
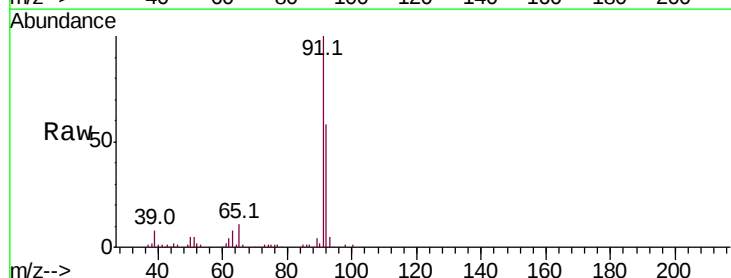
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

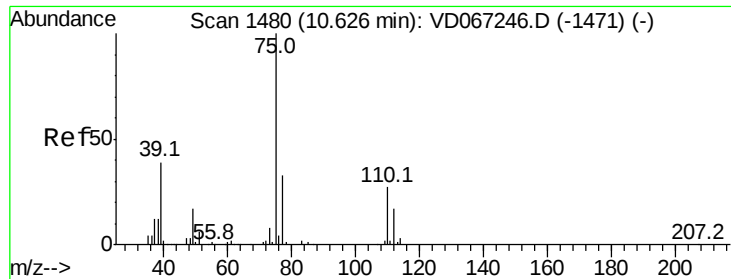
Tot Ion: 43 Resp: 131046
Ion Ratio Lower Upper
43 100
58 42.9 35.7 53.5



#52
Toluene
Concen: 21.379 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion: 92 Resp: 172313
Ion Ratio Lower Upper
92 100
91 167.0 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 21.175 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

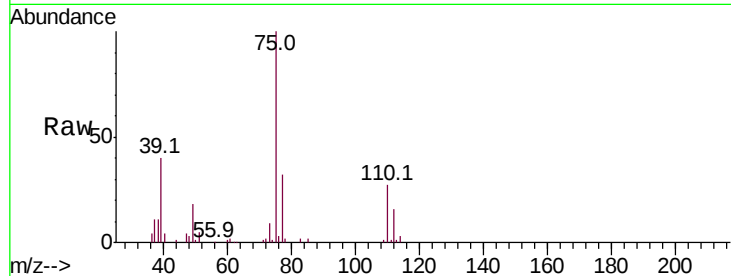
VD1014SBSD01

Tot Ion: 75 Resp: 85158

Ion Ratio Lower Upper

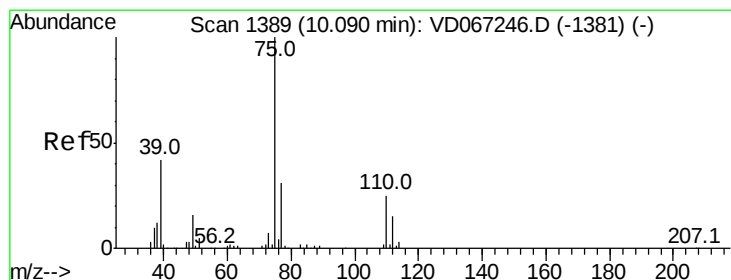
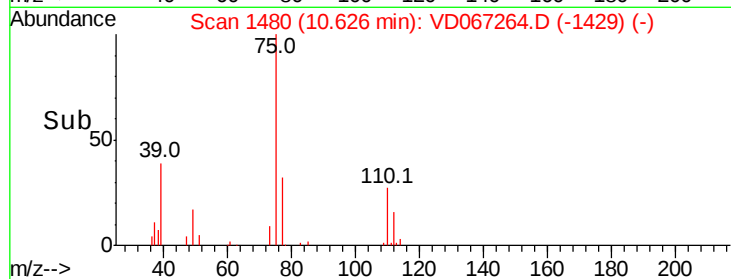
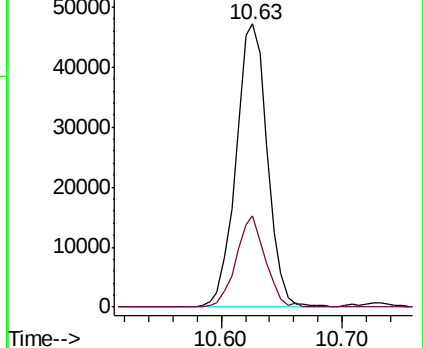
75 100

77 32.2 26.5 39.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.712 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

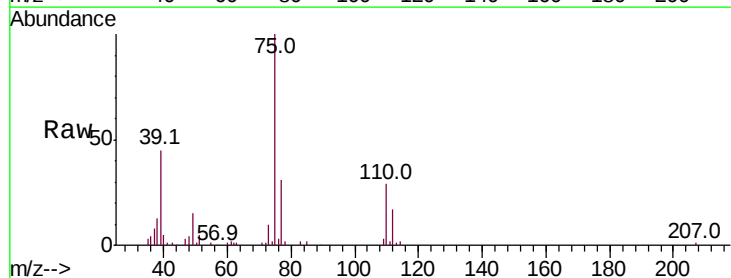
Tgt Ion: 75 Resp: 97482

Ion Ratio Lower Upper

75 100

77 30.7 24.5 36.7

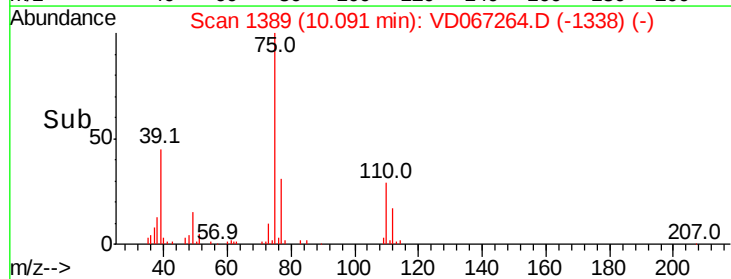
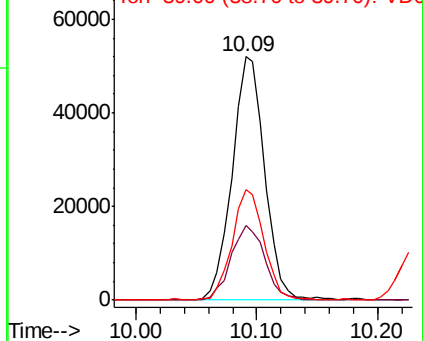
39 45.1 33.7 50.5

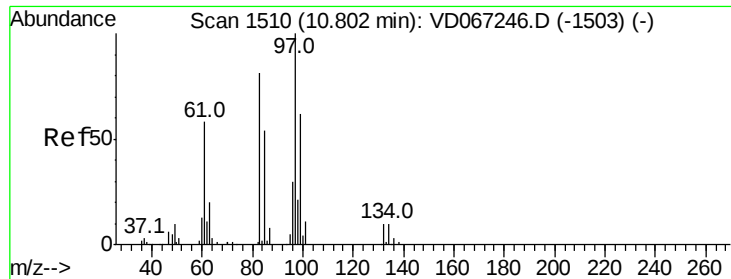


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 20.945 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

Tot Ion: 97 Resp: 48803

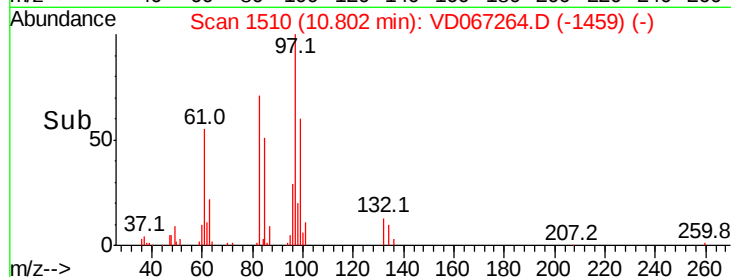
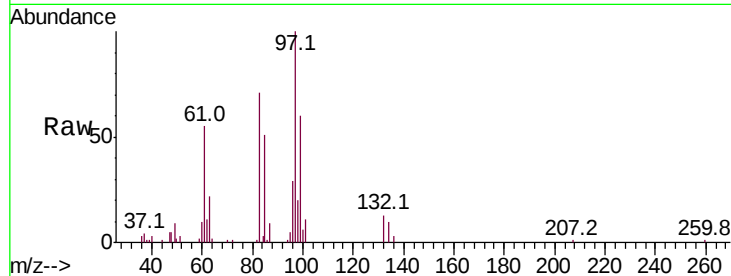
Ion	Ratio	Lower	Upper
97	100		
83	71.5	64.9	97.3
85	51.1	43.3	64.9
99	60.4	49.1	73.7

97 100

83 71.5 64.9 97.3

85 51.1 43.3 64.9

99 60.4 49.1 73.7



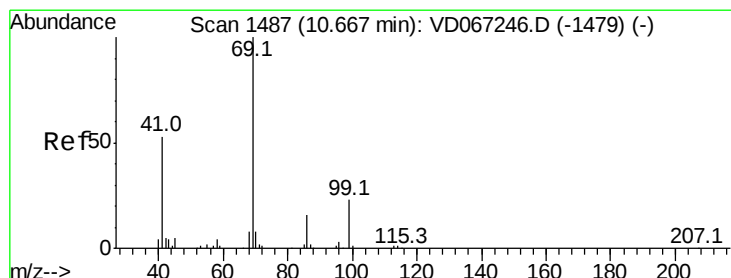
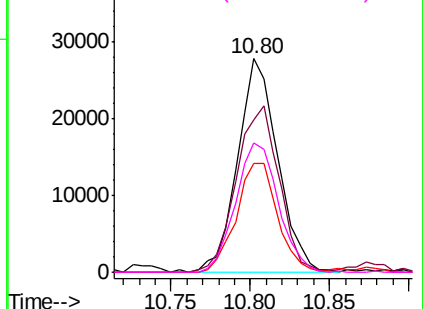
Abundance

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: 20.262 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

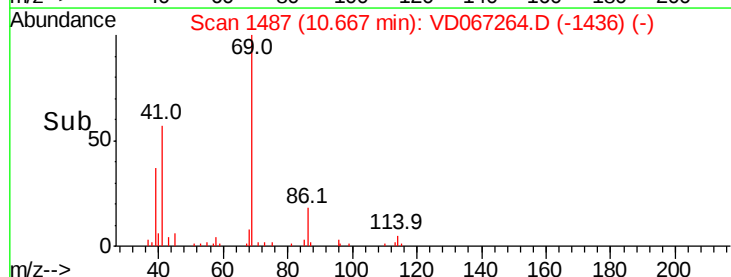
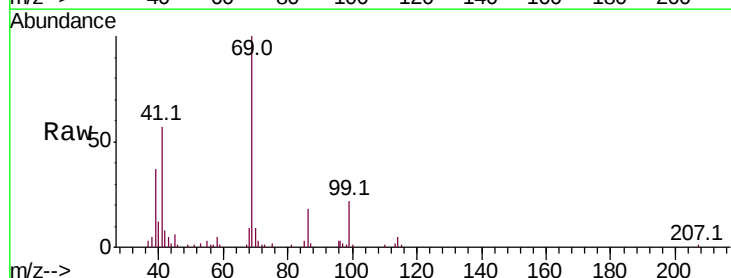
Tgt Ion: 69 Resp: 48965

Ion	Ratio	Lower	Upper
69	100		
41	55.7	44.7	67.1
39	33.9	26.2	39.2

69 100

41 55.7 44.7 67.1

39 33.9 26.2 39.2

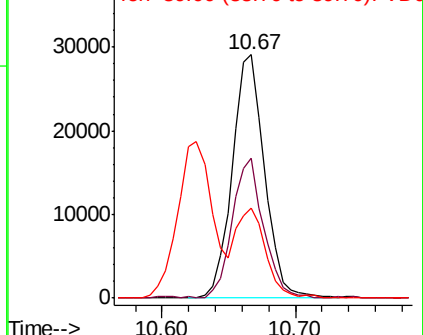


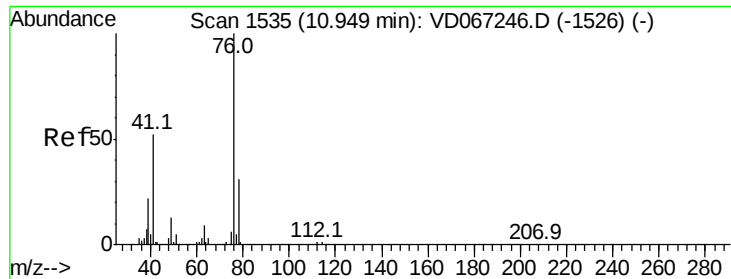
Abundance

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: 20.830 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

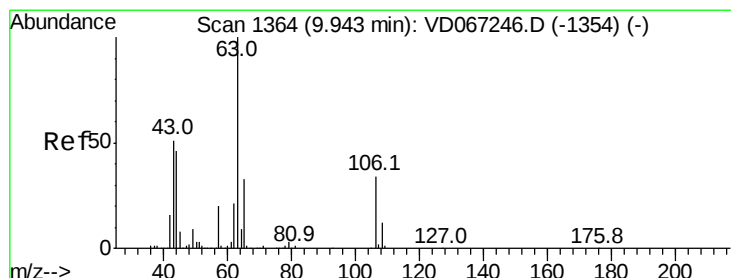
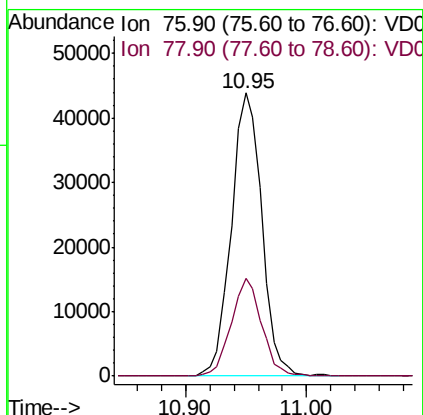
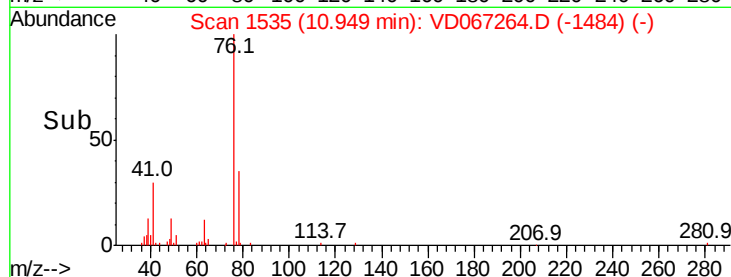
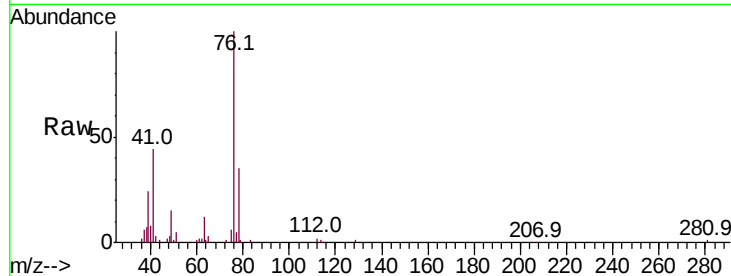
VD1014SBSD01

Tot Ion: 76 Resp: 77240

Ion Ratio Lower Upper

76 100

78 34.6 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 102.196 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067264.D

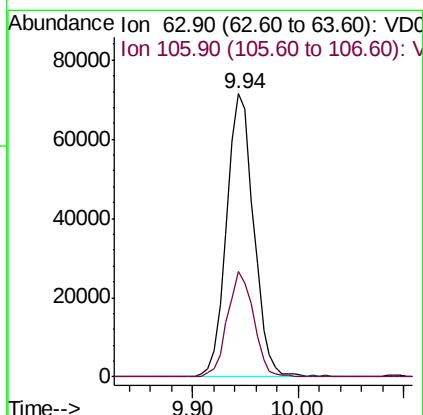
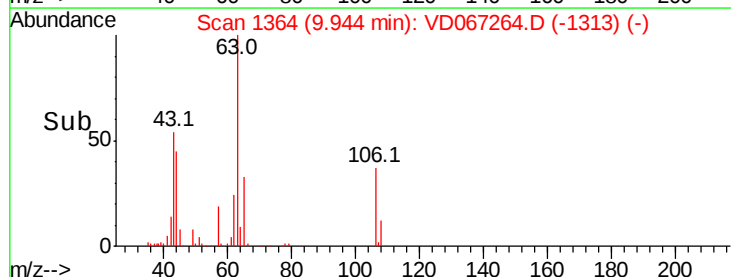
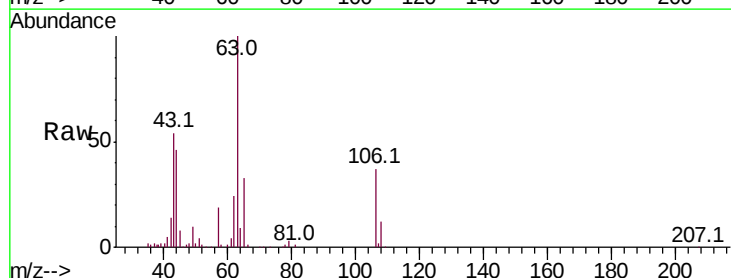
Acq: 14 Oct 2020 12:05

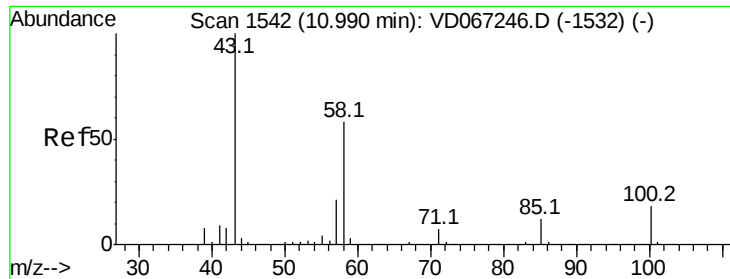
Tgt Ion: 63 Resp: 126692

Ion Ratio Lower Upper

63 100

106 36.1 27.8 41.6

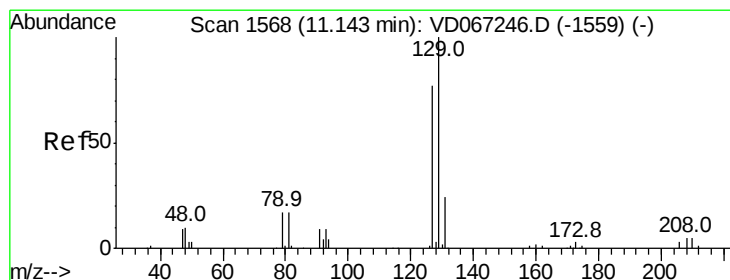
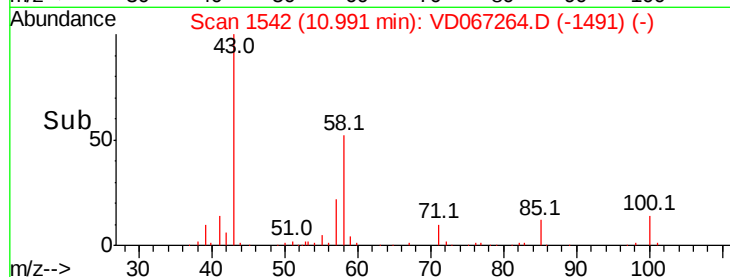
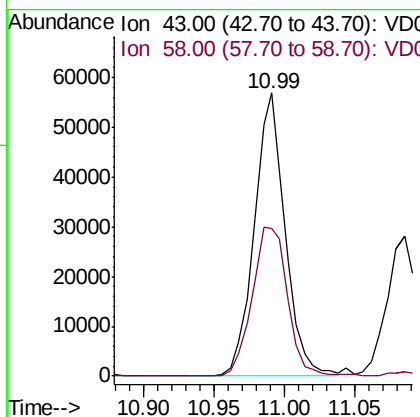
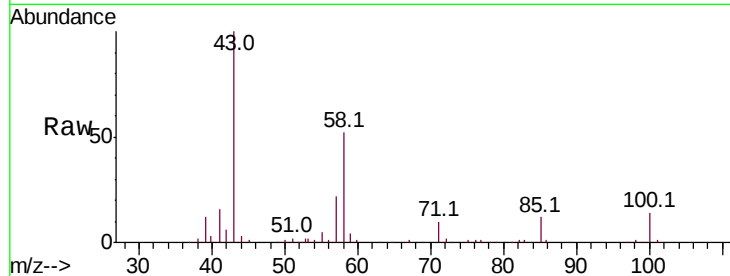




#59
2-Hexanone
Concen: 101.985 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

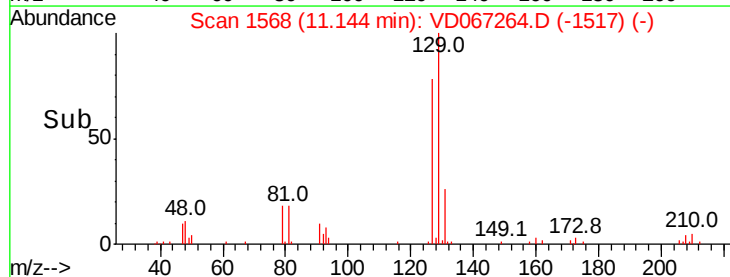
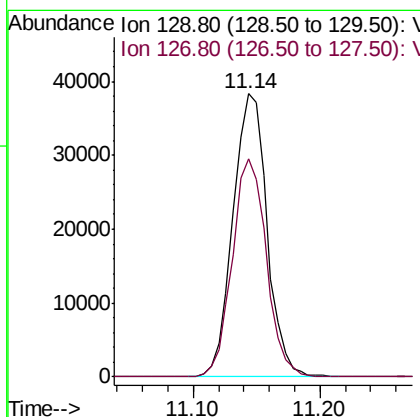
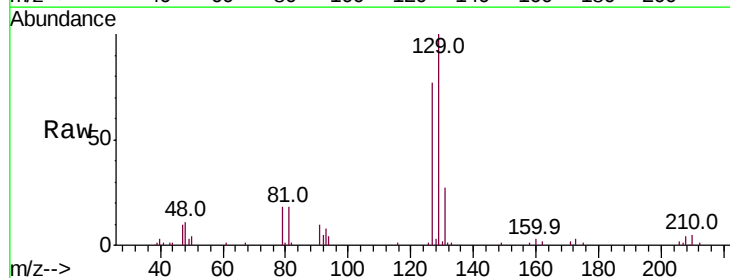
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBSD01

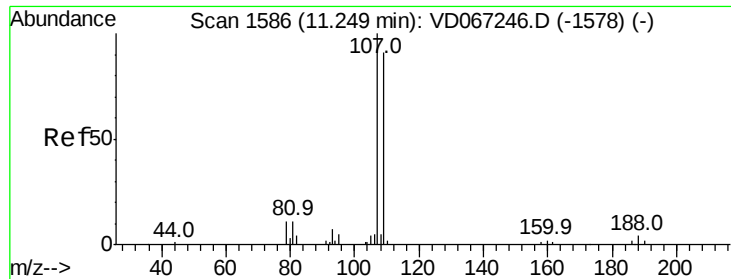
Tot Ion: 43 Resp: 87531
Ion Ratio Lower Upper
43 100
58 60.1 29.3 87.9



#60
Dibromochloromethane
Concen: 20.986 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion:129 Resp: 71313
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8

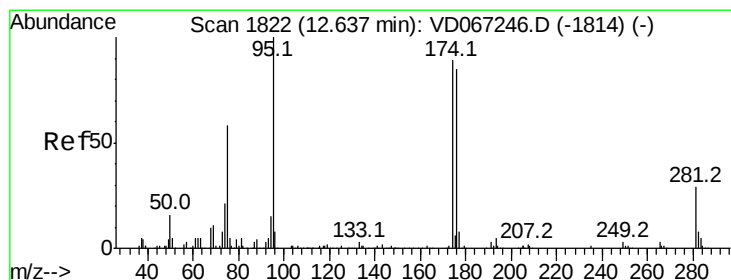
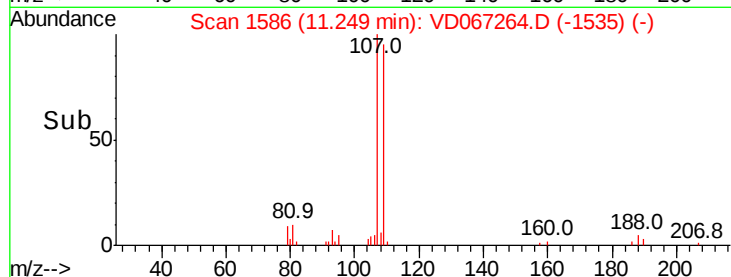
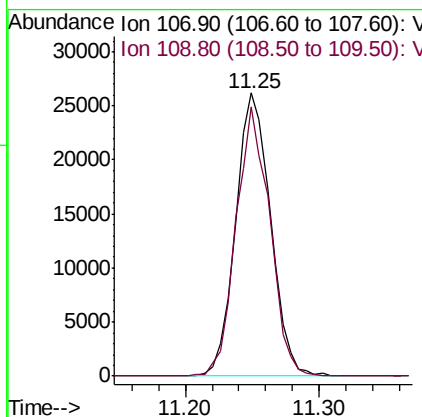
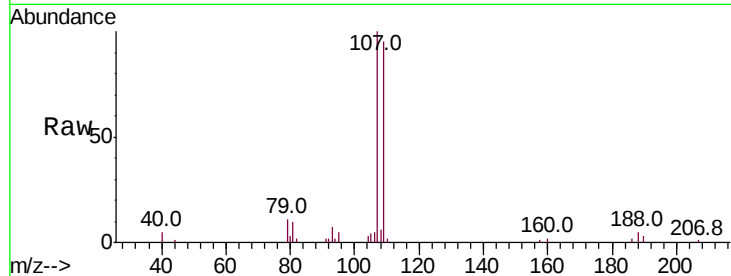




#61
 1,2-Dibromoethane
 Concen: 20.591 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

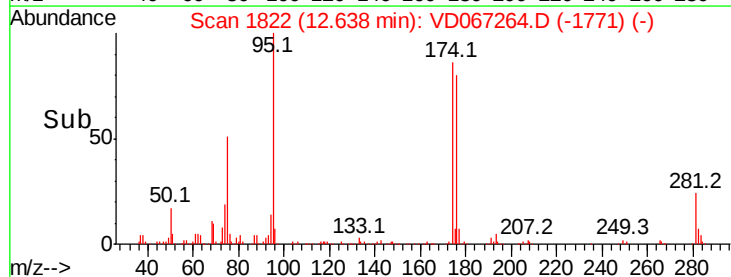
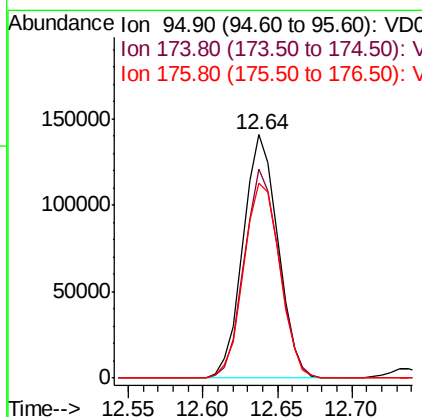
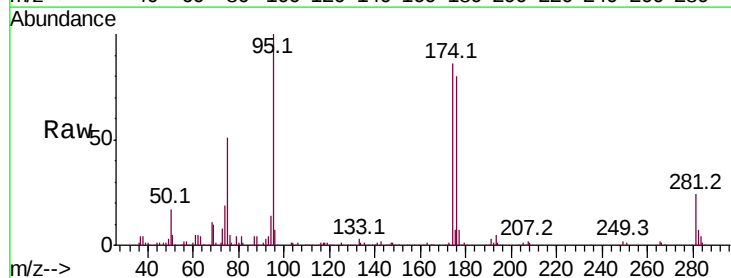
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBSD01

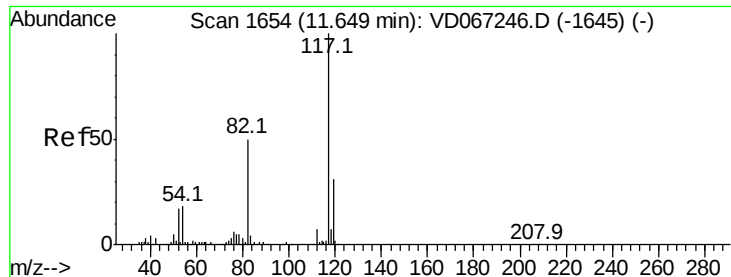
Tot Ion:107 Resp: 47301
 Ion Ratio Lower Upper
 107 100
 109 92.0 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 53.579 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

Tgt Ion: 95 Resp: 228352
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 175.2
 176 82.9 0.0 168.6

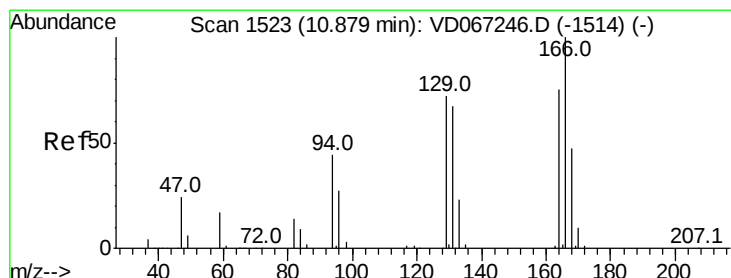
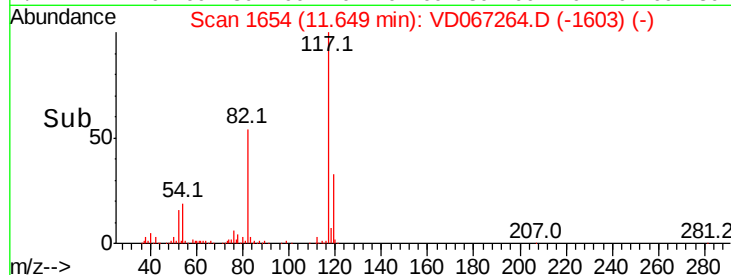
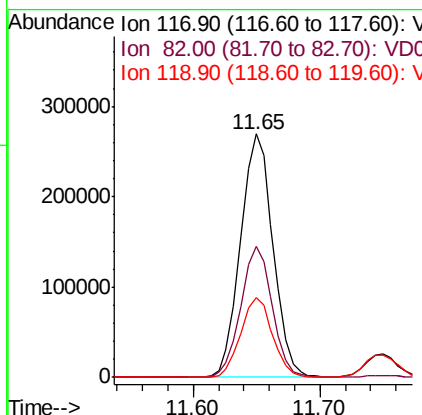
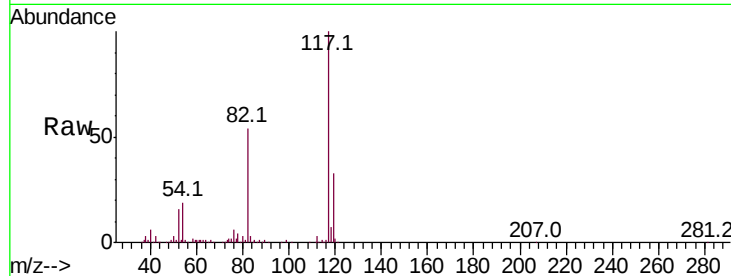




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

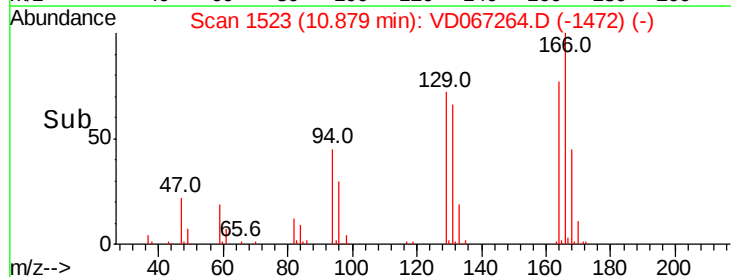
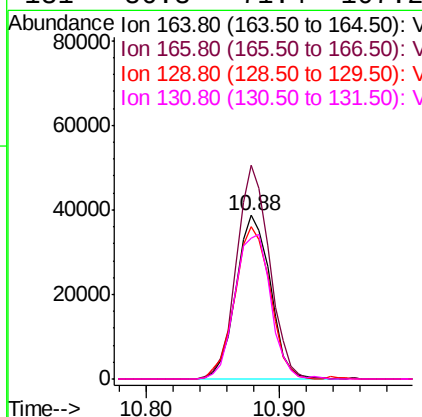
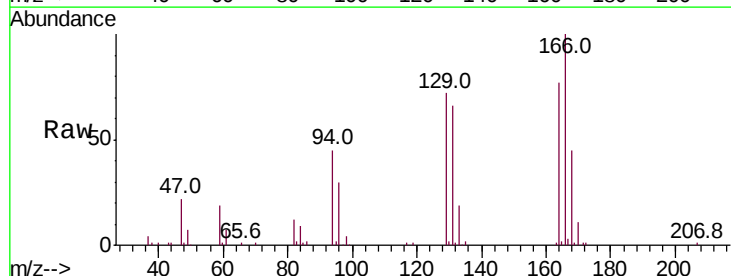
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBSD01

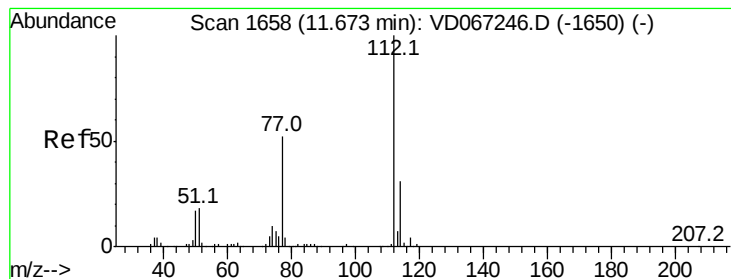
Tot Ion:117 Resp: 479106
Ion Ratio Lower Upper
117 100
82 53.8 39.9 59.9
119 32.9 24.9 37.3



#64
Tetrachloroethene
Concen: 19.847 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion:164 Resp: 68893
Ion Ratio Lower Upper
164 100
166 130.6 107.3 160.9
129 93.4 77.3 115.9
131 86.3 71.4 107.2





#65

Chlorobenzene

Concen: 19.852 ug/l

RT: 11.68 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

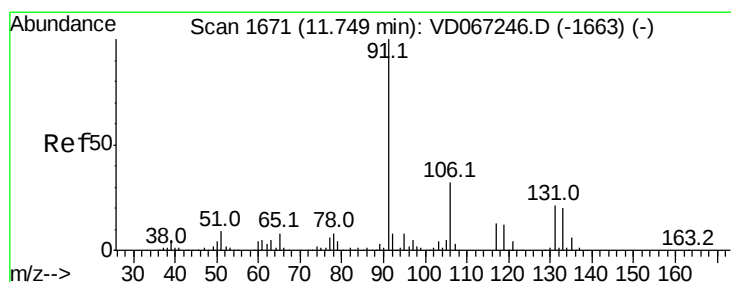
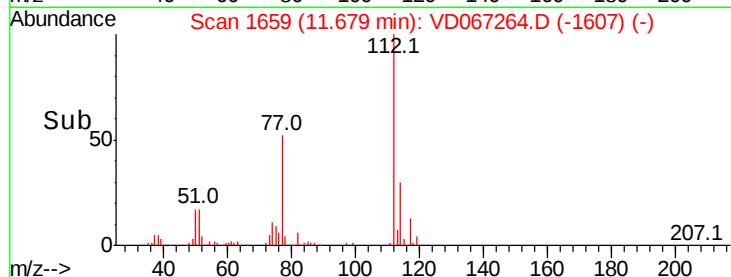
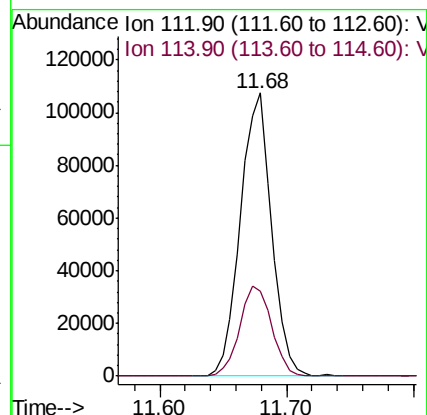
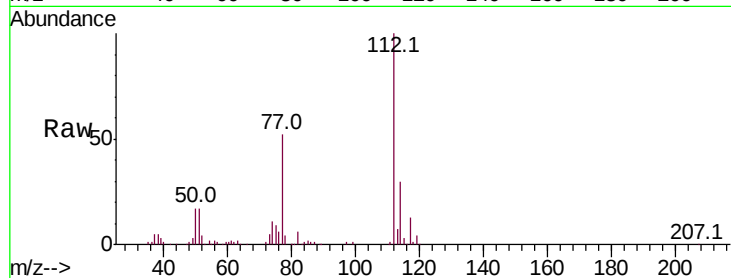
VD1014SBSD01

Tot Ion:112 Resp: 182388

Ion Ratio Lower Upper

112 100

114 30.2 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.738 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

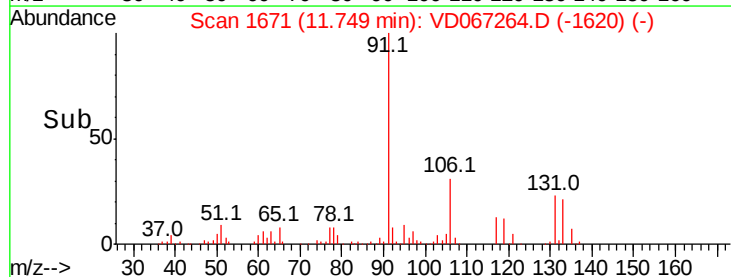
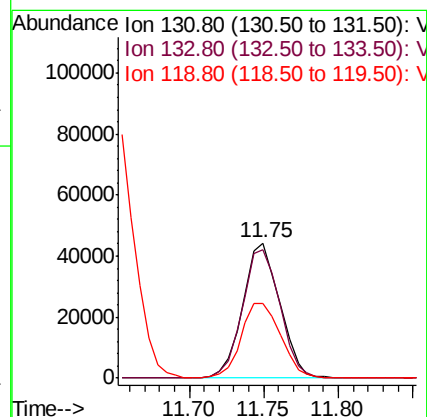
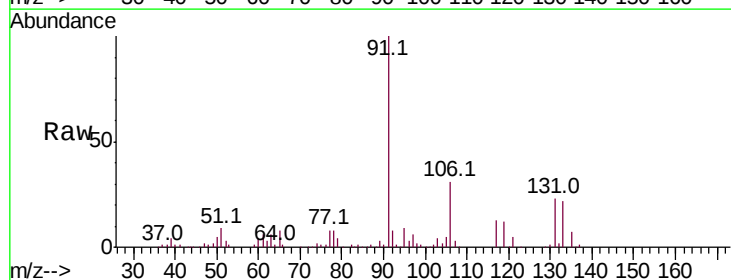
Tgt Ion:131 Resp: 75724

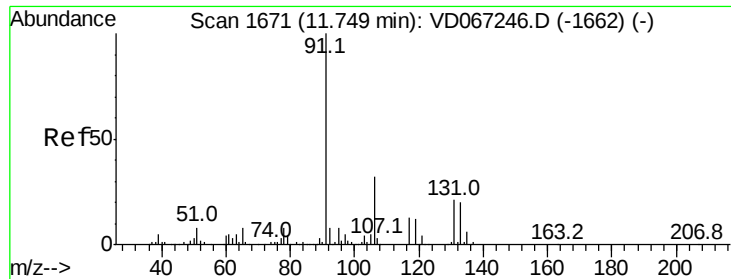
Ion Ratio Lower Upper

131 100

133 97.5 48.1 144.3

119 59.7 30.0 90.0





#67

Ethyl Benzene

Concen: 20.394 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

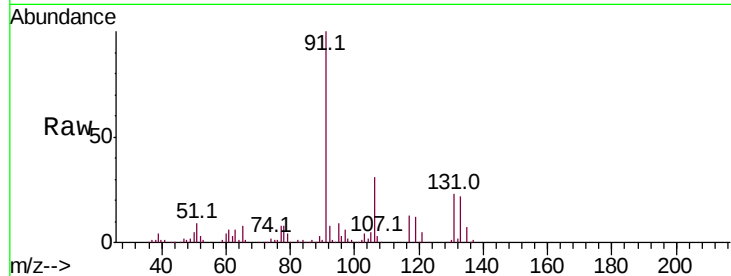
VD1014SBS01

Tot Ion: 91 Resp: 321186

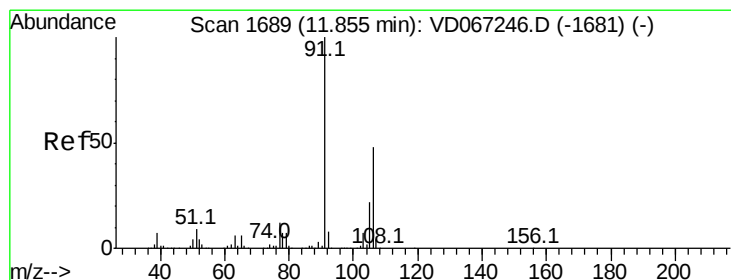
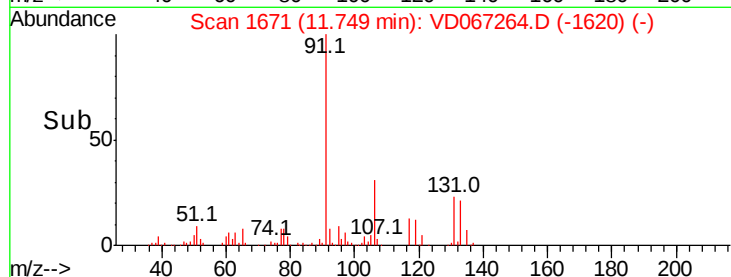
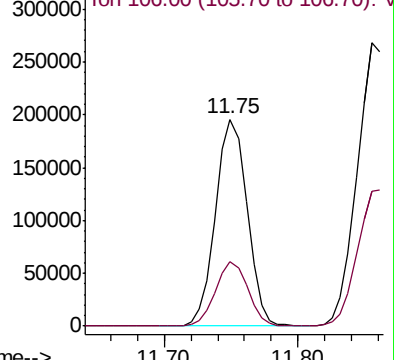
Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VD067264.D (-1662) (-)



#68

m/p-Xylenes

Concen: 41.119 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD067264.D

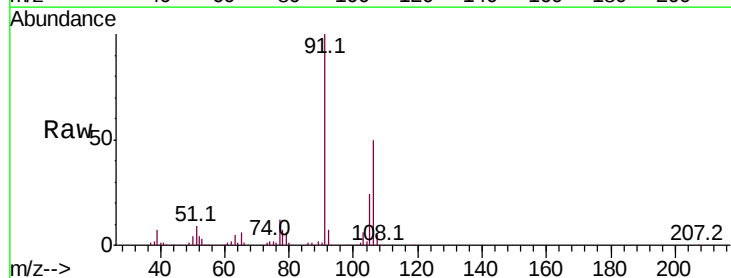
Acq: 14 Oct 2020 12:05

Tgt Ion: 106 Resp: 249375

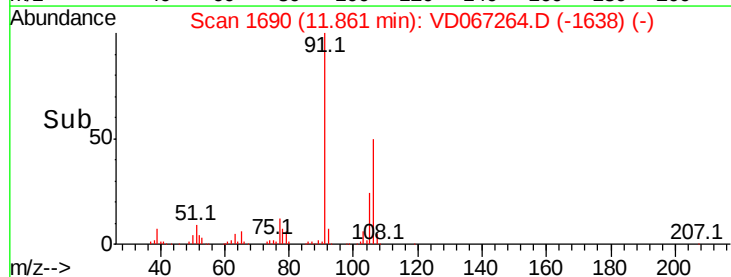
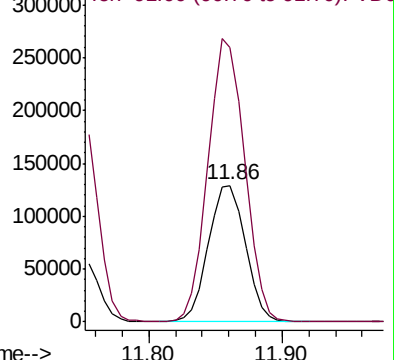
Ion Ratio Lower Upper

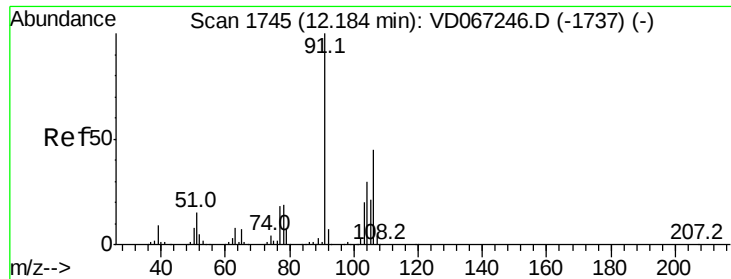
106 100

91 205.0 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VD067264.D (-1681) (-)

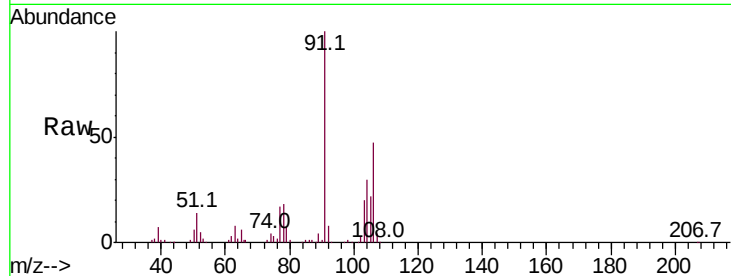




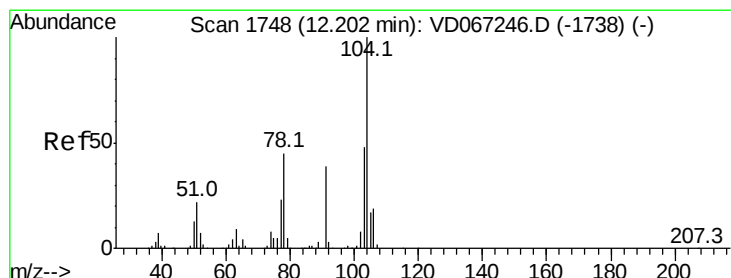
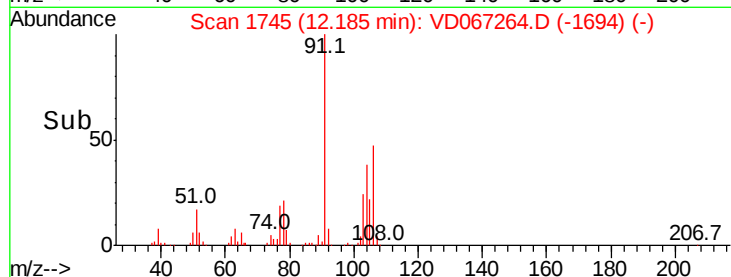
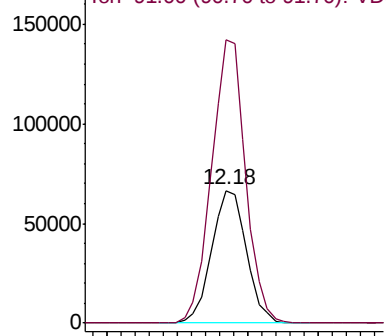
#69
o-Xylene
Concen: 20.405 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

Tot Ion:106 Resp: 114593
Ion Ratio Lower Upper
106 100
91 208.6 109.1 327.3

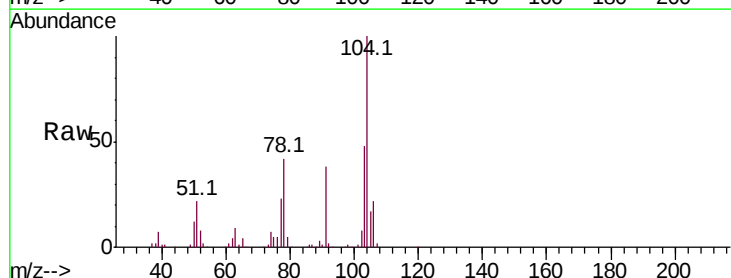


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

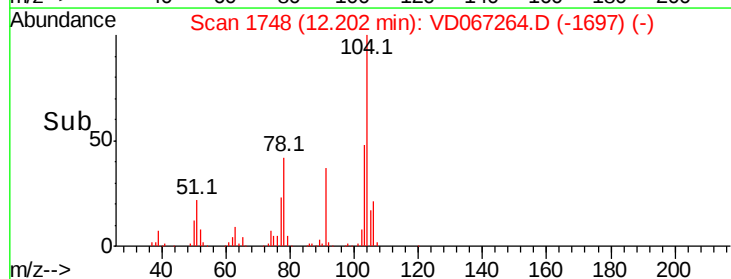
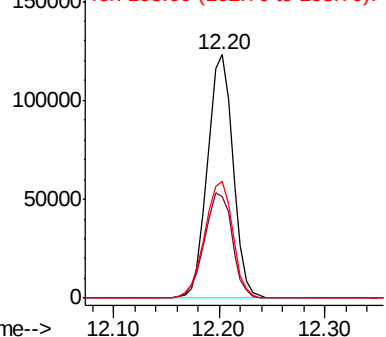


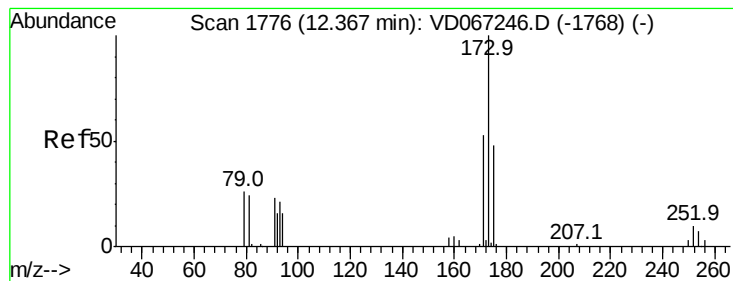
#70
Styrene
Concen: 21.206 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion:104 Resp: 205004
Ion Ratio Lower Upper
104 100
78 47.2 39.8 59.6
103 52.7 42.6 64.0



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





#71

Bromoform

Concen: 20.863 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

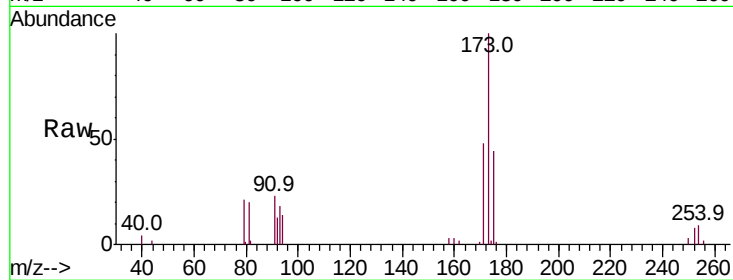
Tot Ion:173 Resp: 40926

Ion Ratio Lower Upper

173 100

175 48.3 24.2 72.6

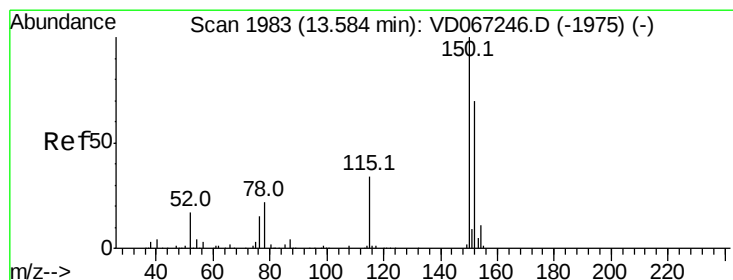
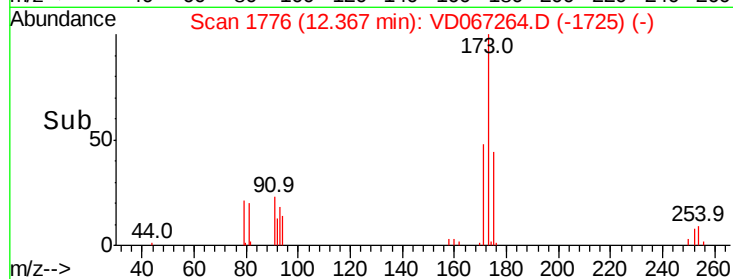
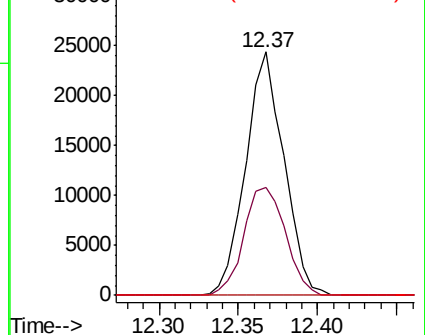
254 0.0 0.1 0.1#



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# 1983

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

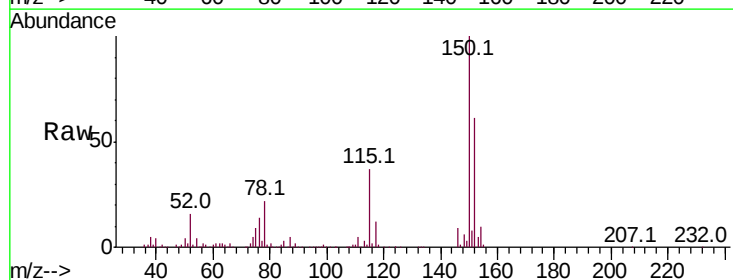
Tgt Ion:152 Resp: 234615

Ion Ratio Lower Upper

152 100

115 60.6 29.3 87.9

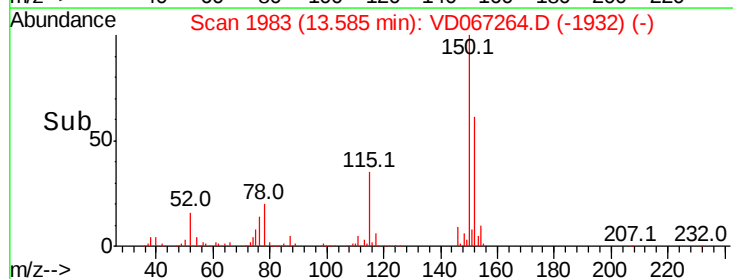
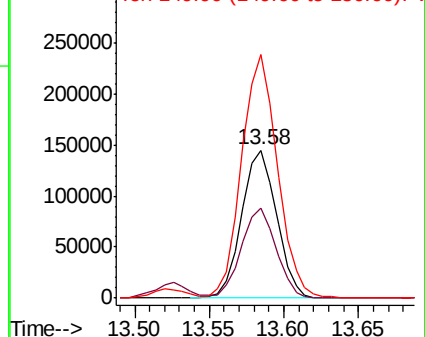
150 169.1 0.0 339.0

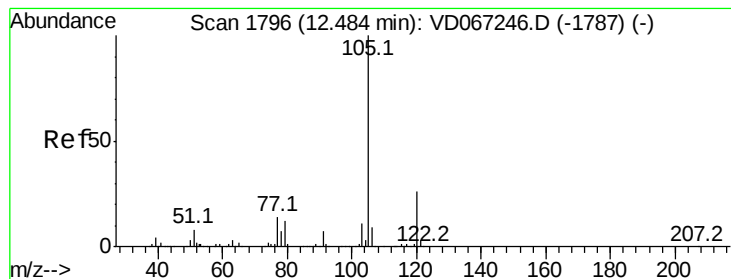


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.380 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

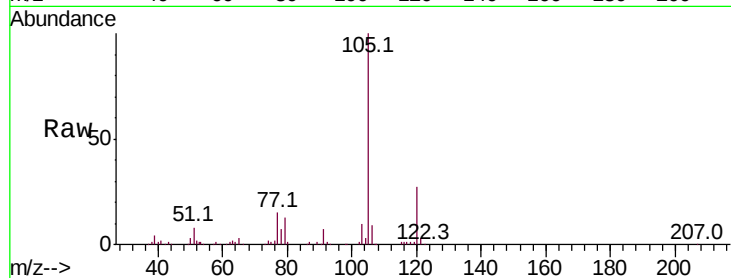
VD1014SBSD01

Tot Ion:105 Resp: 318352

Ion Ratio Lower Upper

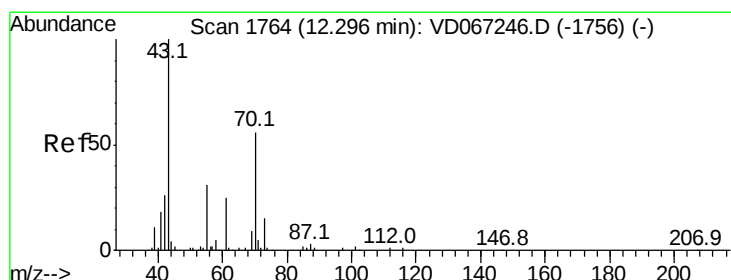
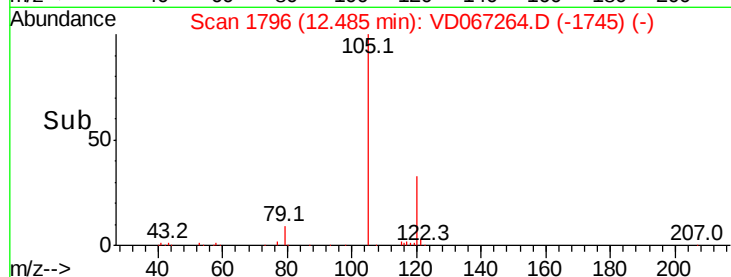
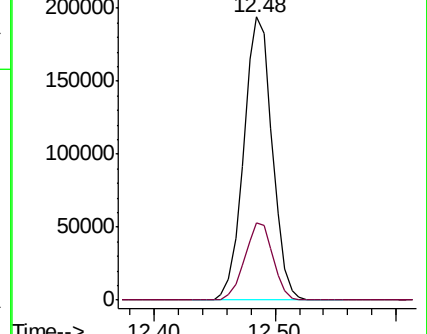
105 100

120 27.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.171 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Tgt Ion: 43 Resp: 45363

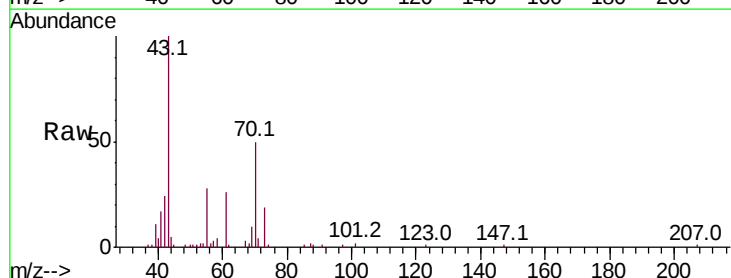
Ion Ratio Lower Upper

43 100

70 52.7 42.7 64.1

55 32.3 24.0 36.0

61 27.6 22.2 33.4

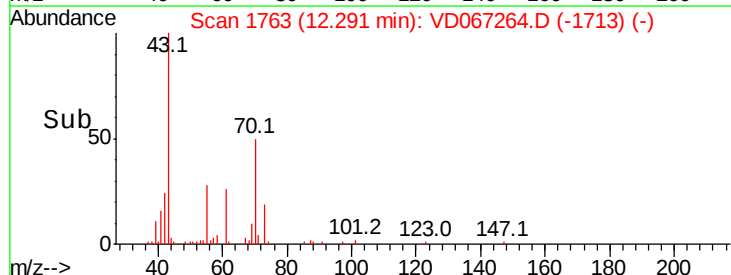
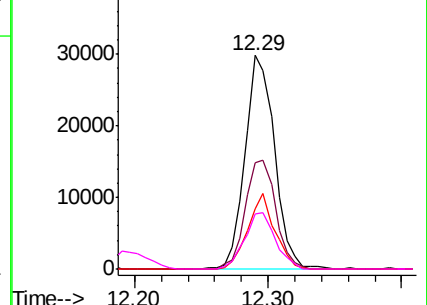


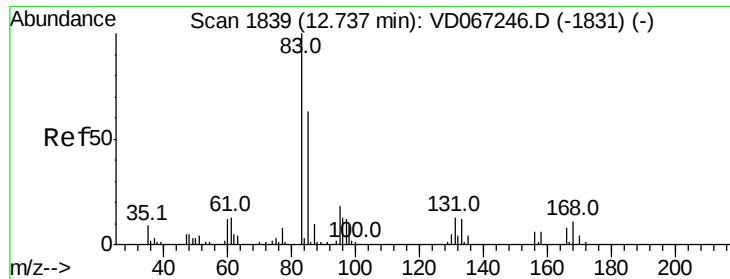
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.957 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

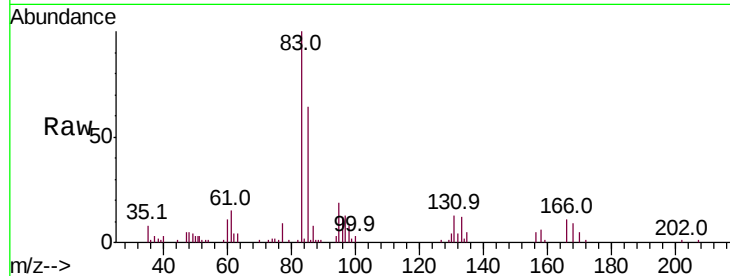
Tot Ion: 83 Resp: 47815

Ion Ratio Lower Upper

83 100

131 13.2 6.5 19.5

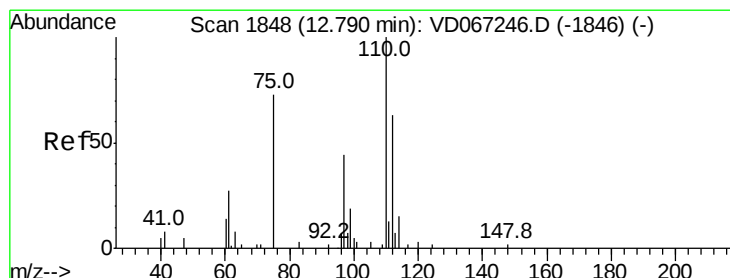
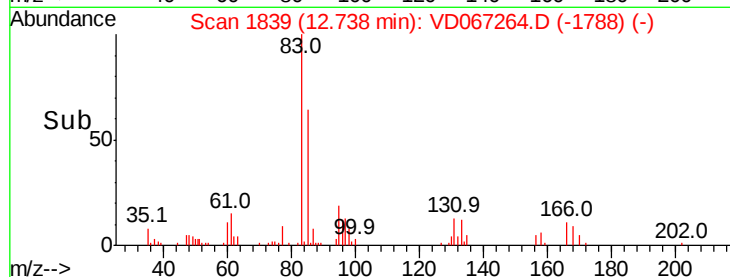
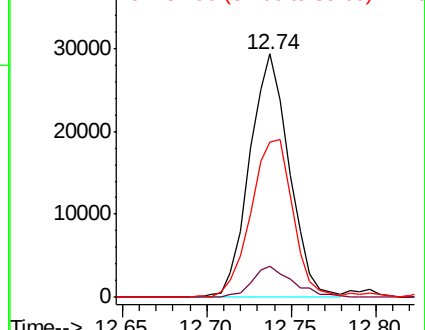
85 68.9 32.6 97.7



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: 40.912 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067264.D

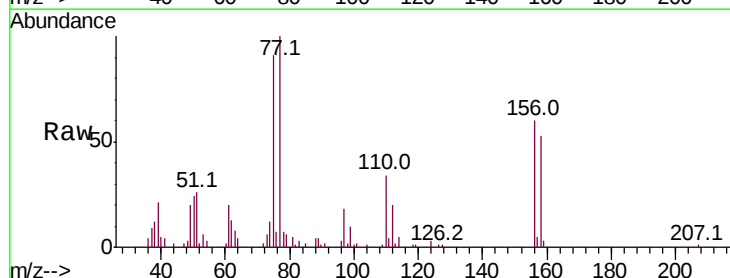
Acq: 14 Oct 2020 12:05

Tgt Ion: 75 Resp: 66527

Ion Ratio Lower Upper

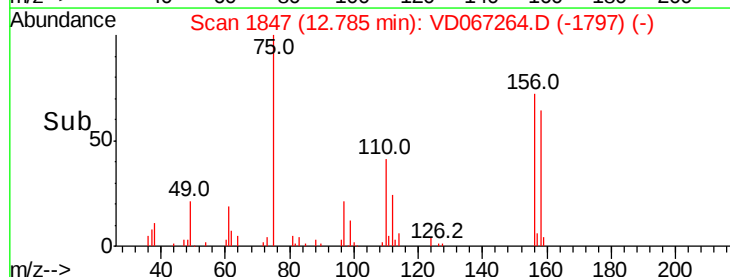
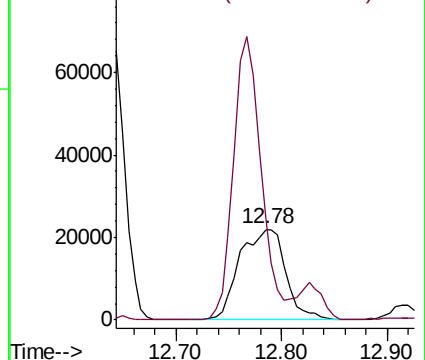
75 100

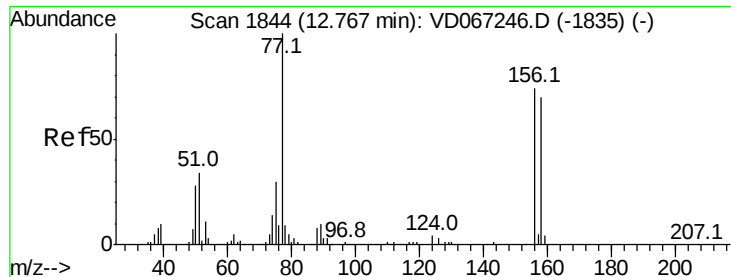
77 186.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.378 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBSD01

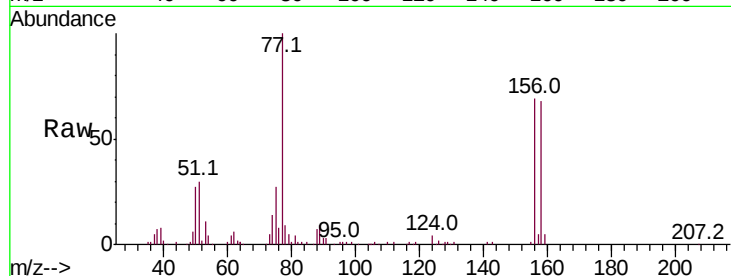
Tot Ion:156 Resp: 79362

Ion Ratio Lower Upper

156 100

77 156.0 78.0 233.8

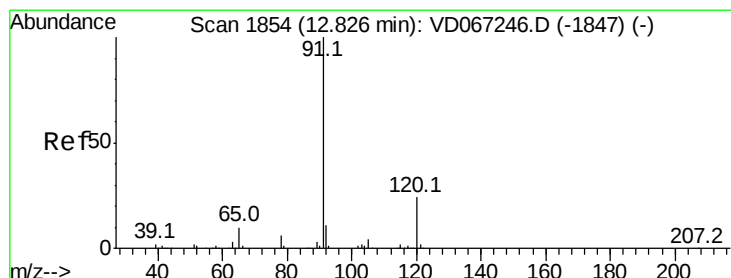
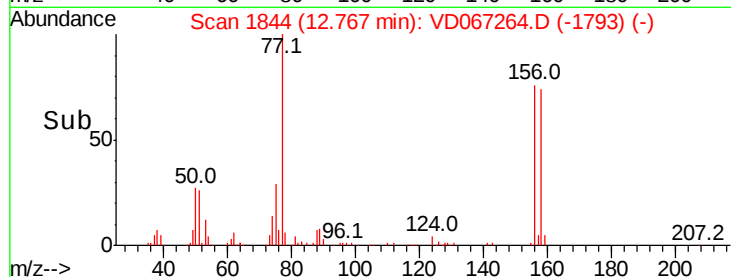
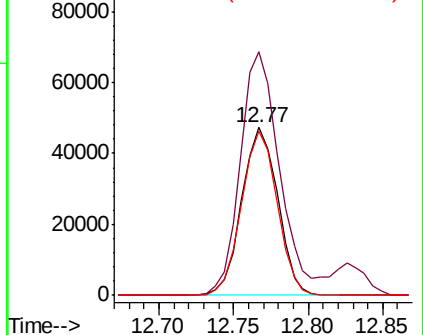
158 96.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 21.352 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067264.D

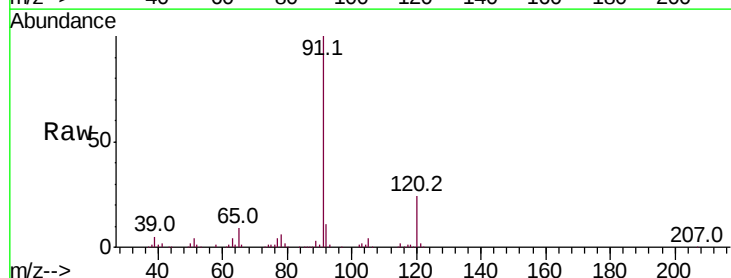
Acq: 14 Oct 2020 12:05

Tgt Ion: 91 Resp: 368363

Ion Ratio Lower Upper

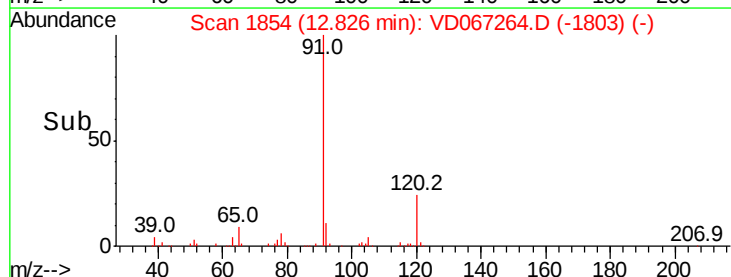
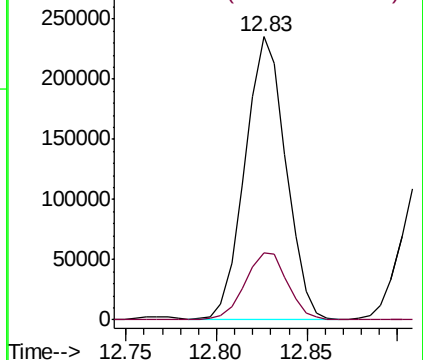
91 100

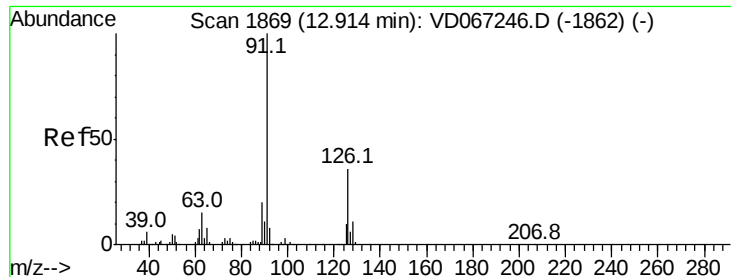
120 24.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V

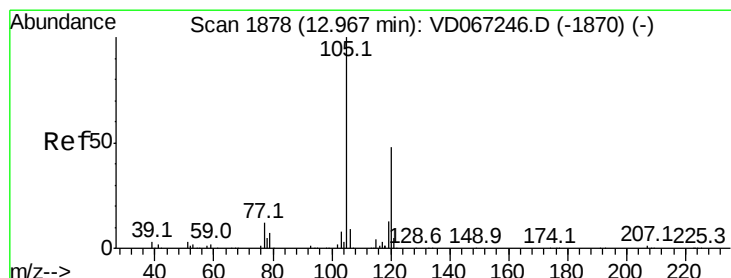
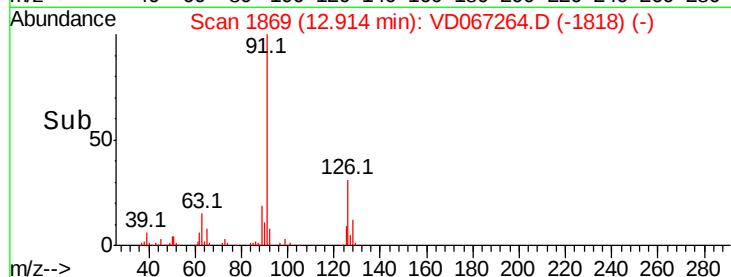
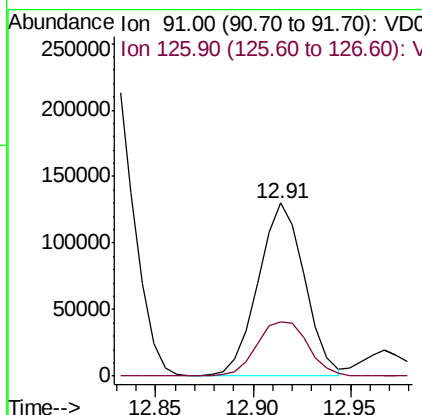
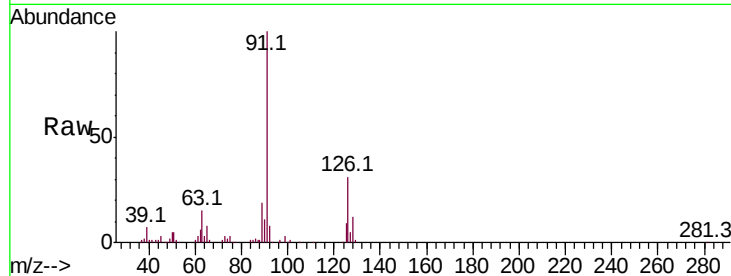




#79
 2-Chlorotoluene
 Concen: 21.243 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

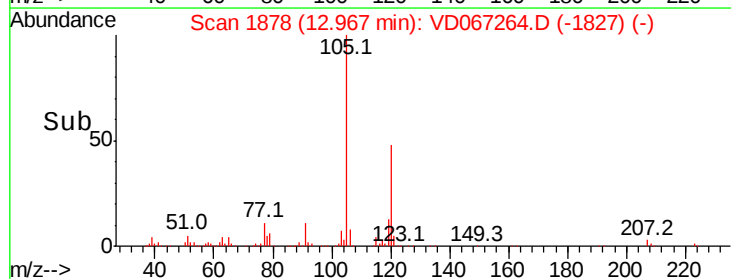
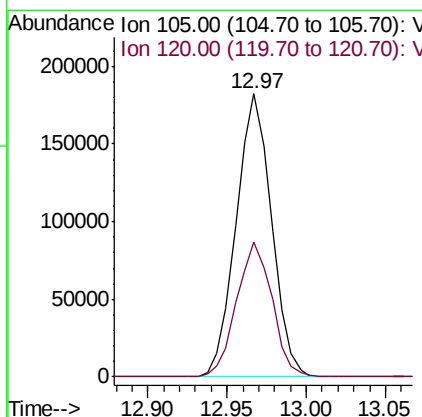
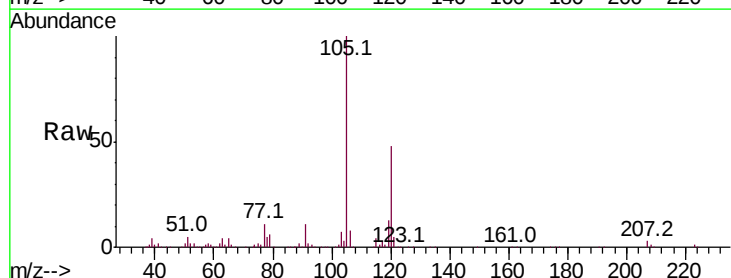
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBSD01

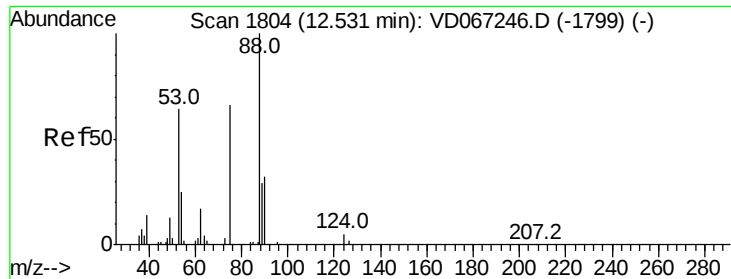
Tot Ion: 91 Resp: 212535
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.797 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

Tgt Ion: 105 Resp: 282045
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8

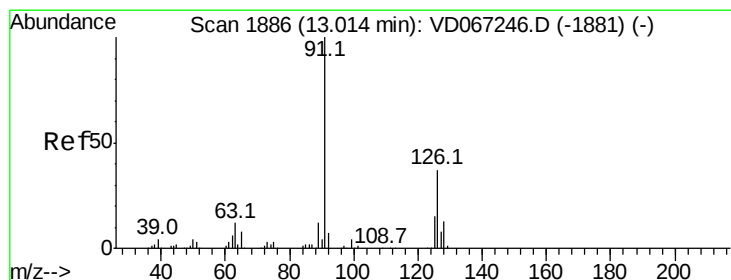
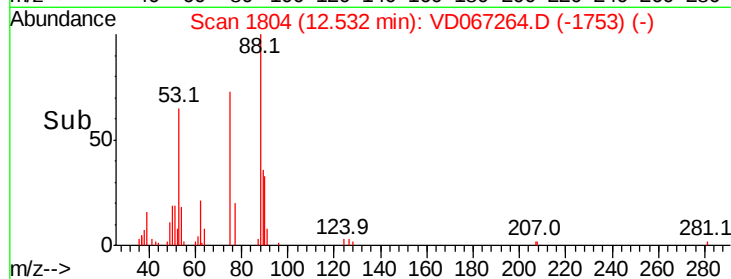
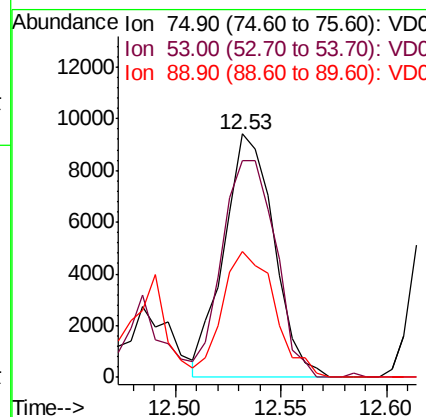
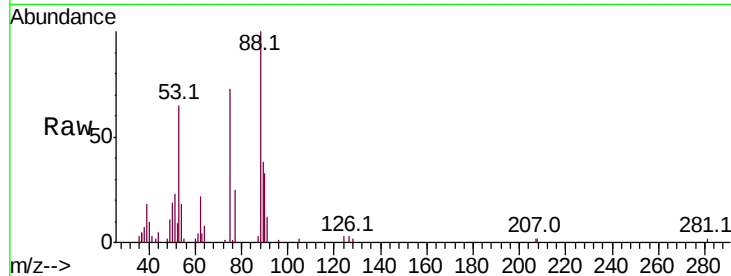




#81
trans-1,4-Dichloro-2-butene
Concen: 21.566 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

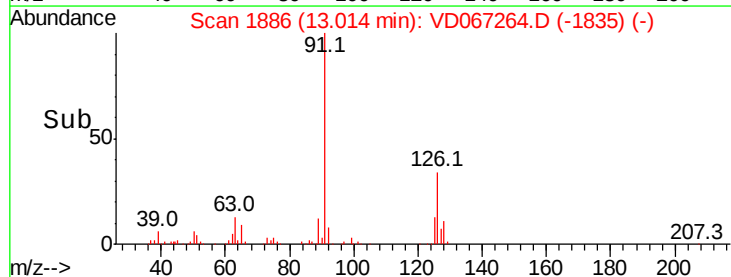
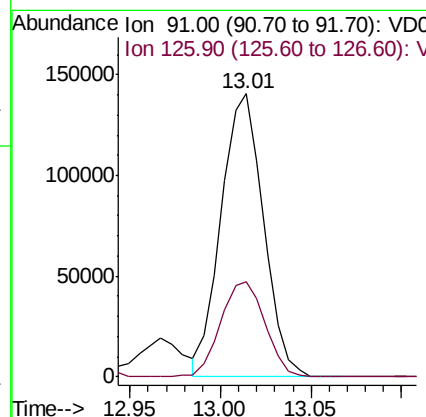
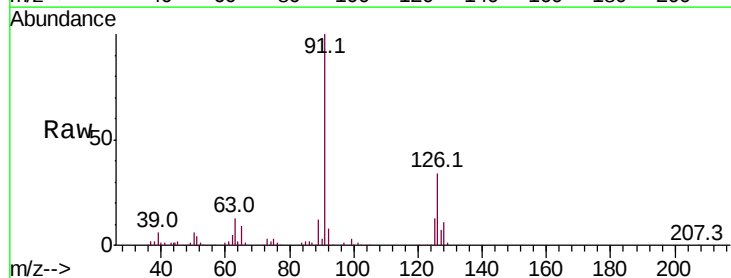
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBSD01

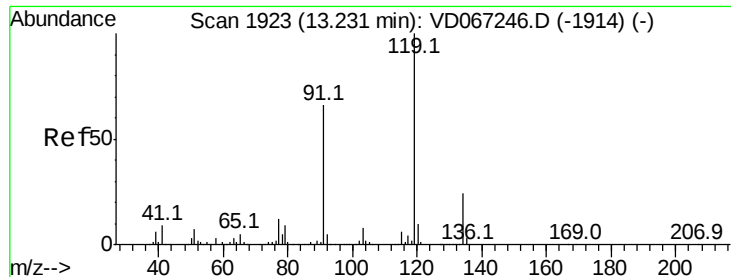
Tot Ion: 75 Resp: 15464
Ion Ratio Lower Upper
75 100
53 95.2 78.5 117.7
89 54.2 39.9 59.9



#82
4-Chlorotoluene
Concen: 21.496 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion: 91 Resp: 228263
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.5





#83

tert-Butylbenzene

Concen: 21.340 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBS01

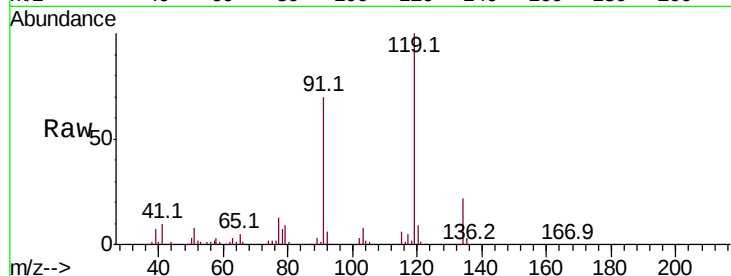
Tot Ion:119 Resp: 233250

Ion Ratio Lower Upper

119 100

91 65.4 33.1 99.2

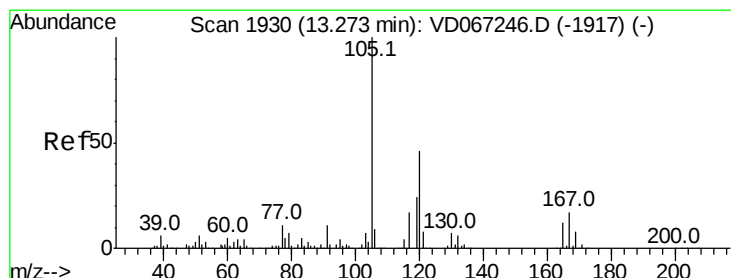
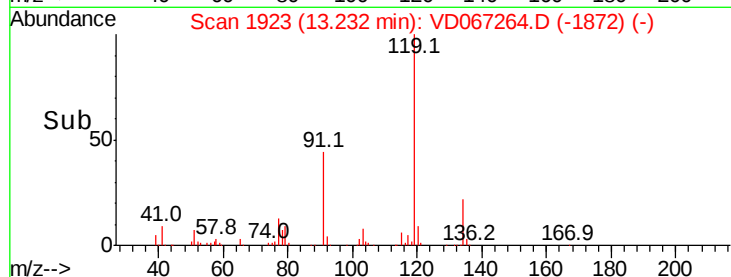
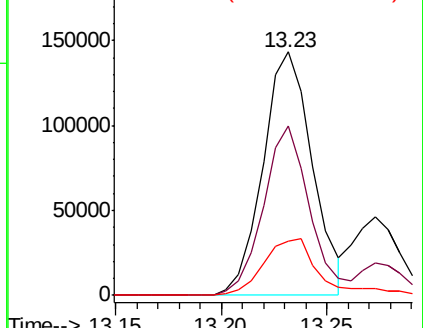
134 26.4 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.651 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067264.D

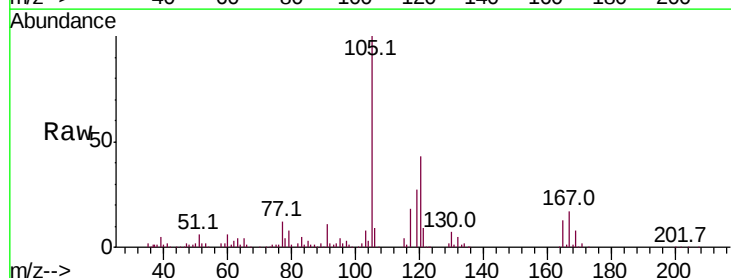
Acq: 14 Oct 2020 12:05

Tgt Ion:105 Resp: 276898

Ion Ratio Lower Upper

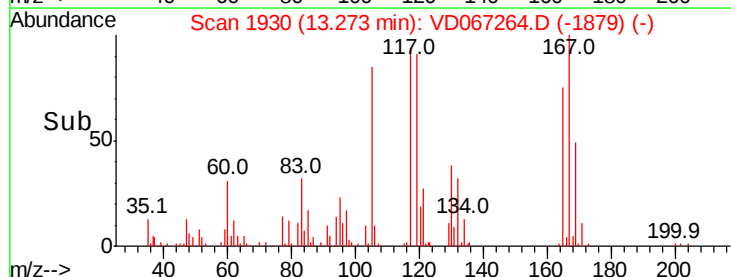
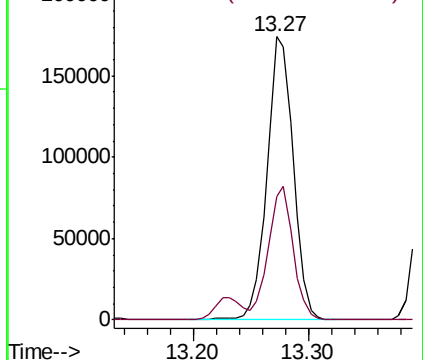
105 100

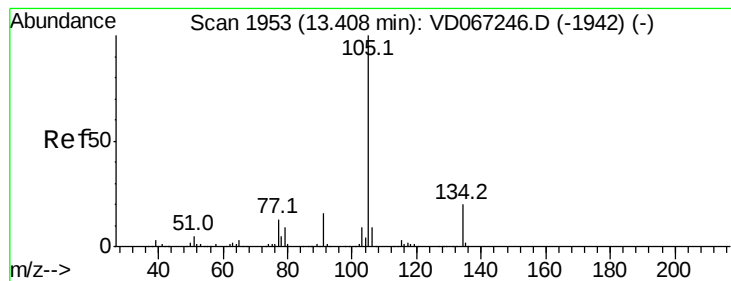
120 44.3 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.350 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :

MSVOA_D

ClientSampleId :

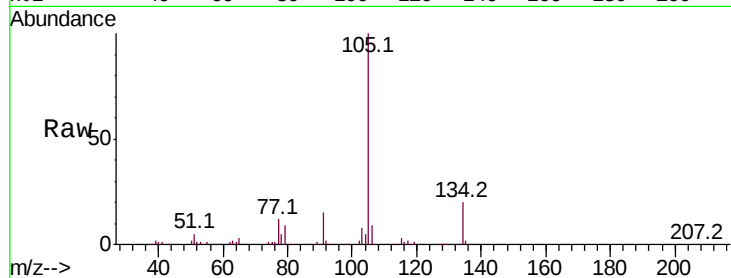
VD1014SBSD01

Tot Ion:105 Resp: 320203

Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

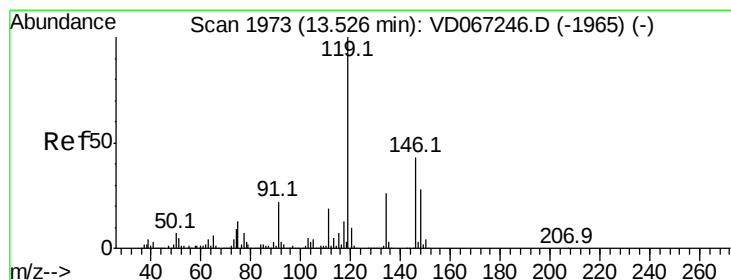
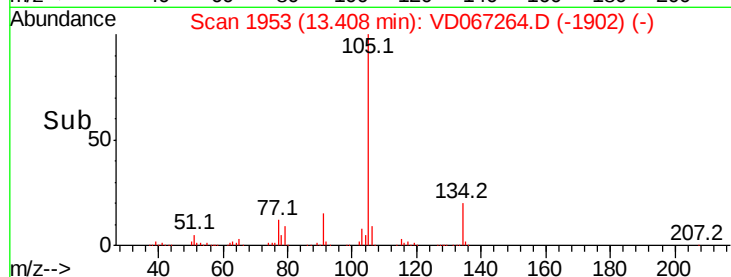
100000

50000

0

13.30 13.40 13.50

Time-->



#86

p-Isopropyltoluene

Concen: 21.290 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

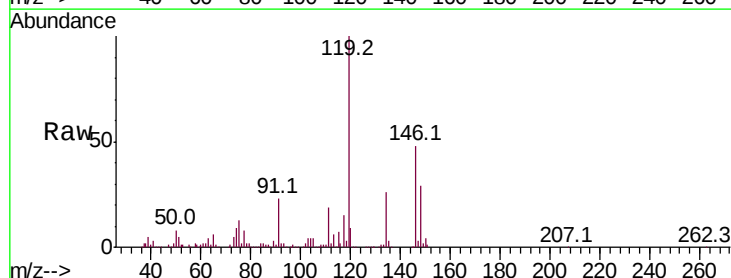
Tgt Ion:119 Resp: 301385

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 23.5 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

250000

200000

150000

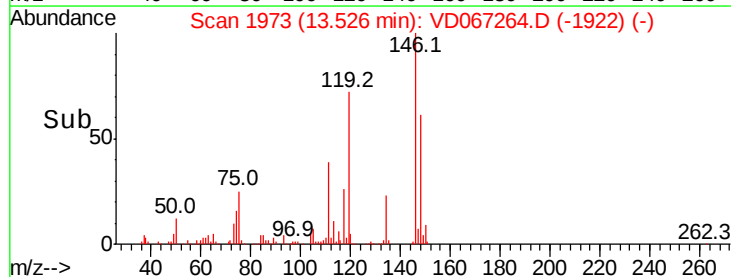
100000

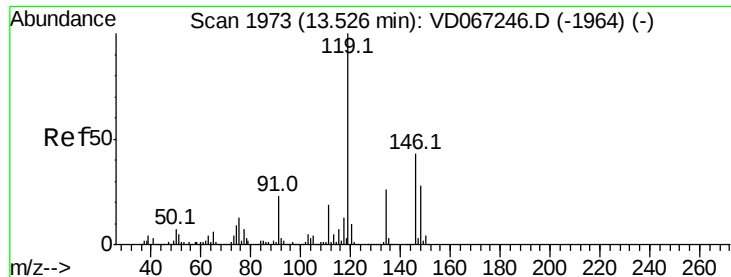
50000

0

13.45 13.50 13.55 13.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.685 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

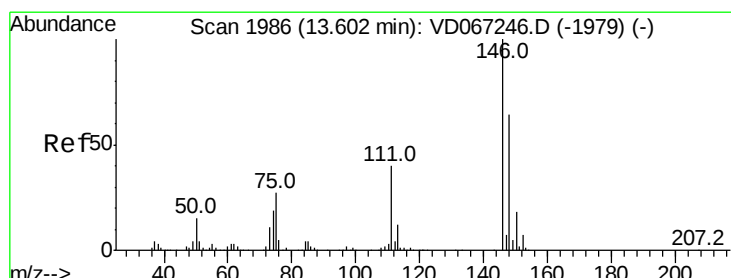
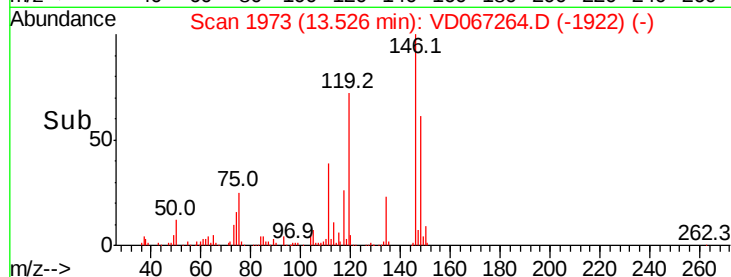
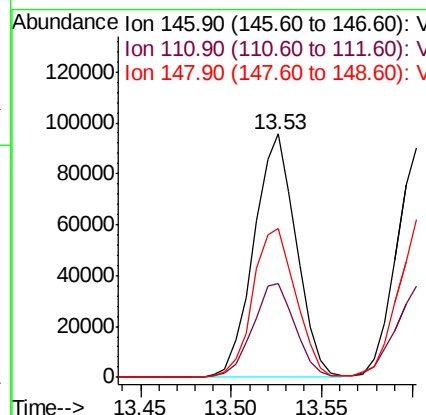
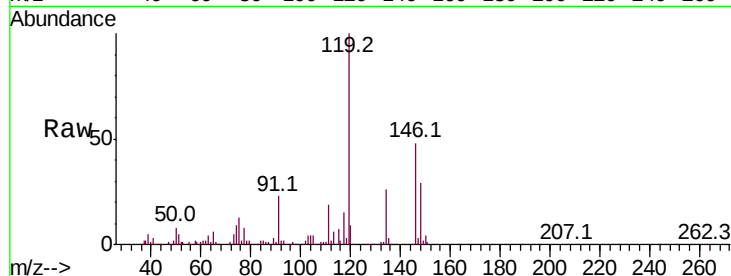
Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBSD01

Tot Ion:146 Resp: 154945

Ion	Ratio	Lower	Upper
146	100		
111	38.6	21.1	63.3
148	62.0	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 21.408 ug/l

RT: 13.60 min Scan# 1986

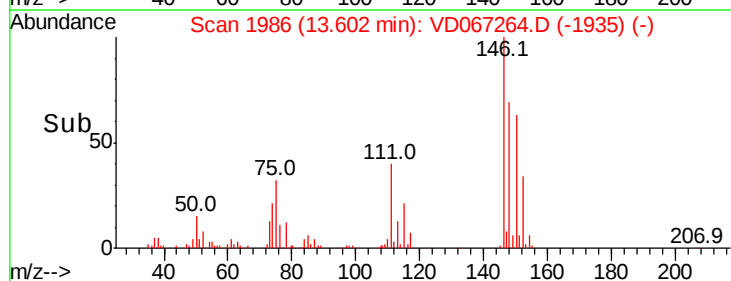
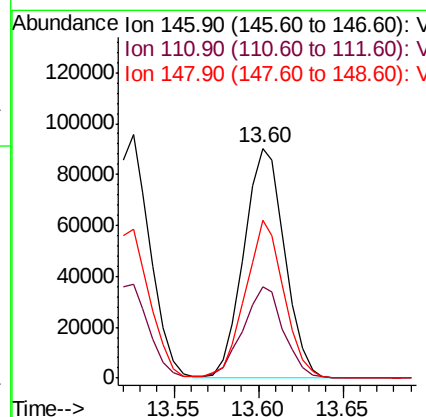
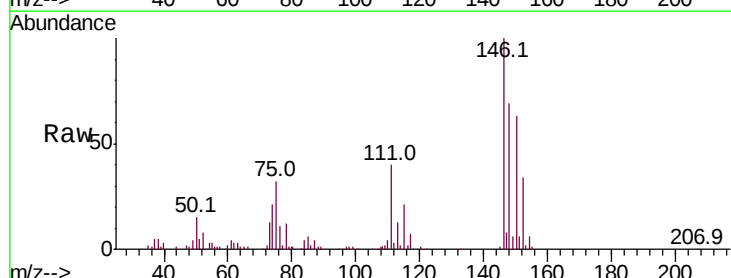
Delta R.T. 0.00 min

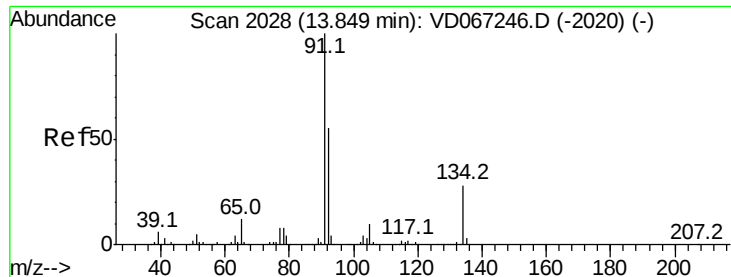
Lab File: VD067264.D

Acq: 14 Oct 2020 12:05

Tgt Ion:146 Resp: 151553

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	65.3	31.9	95.9

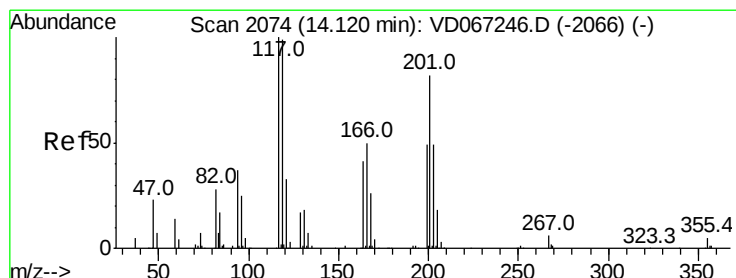
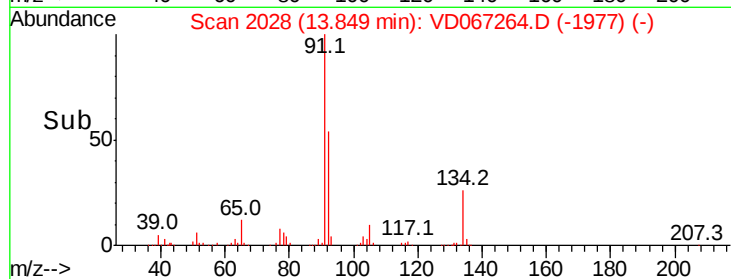
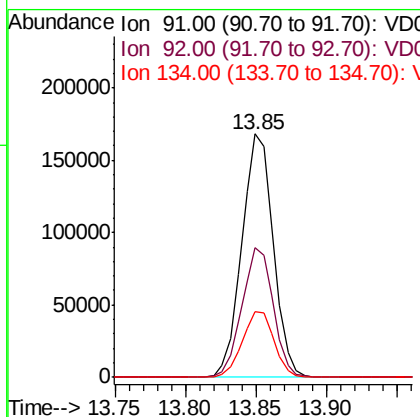
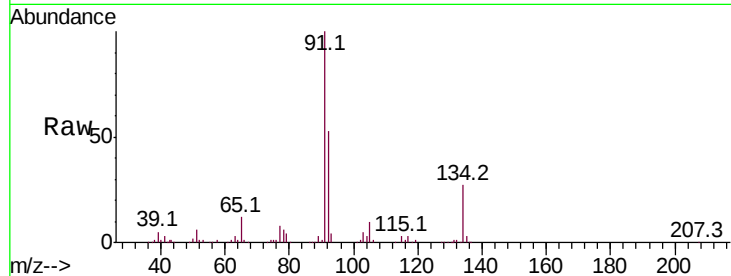




#89
n-Butylbenzene
Concen: 21.010 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

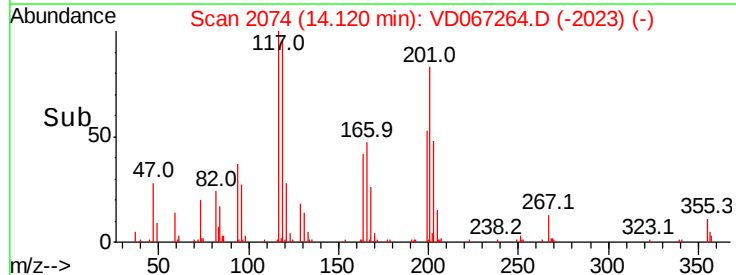
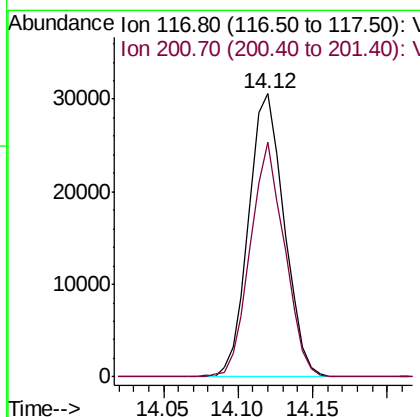
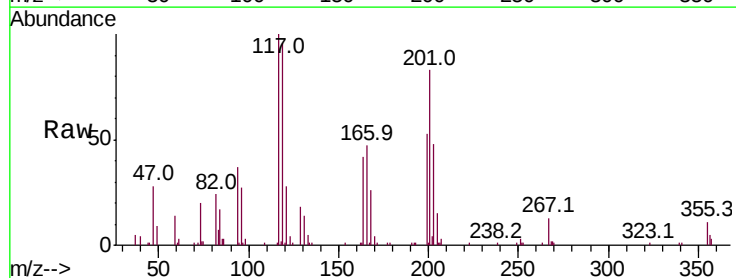
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBSD01

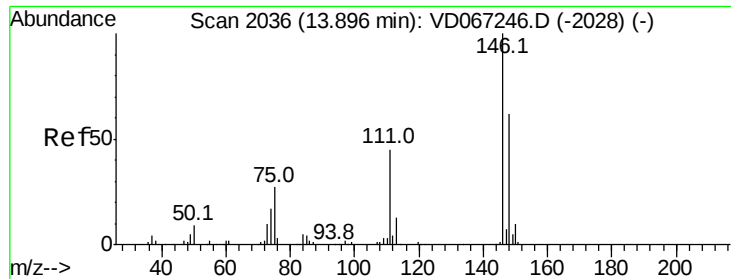
Tot Ion: 91 Resp: 261646
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.0
134 27.3 14.2 42.6



#90
Hexachloroethane
Concen: 20.451 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion: 117 Resp: 50521
Ion Ratio Lower Upper
117 100
201 79.5 40.8 122.2

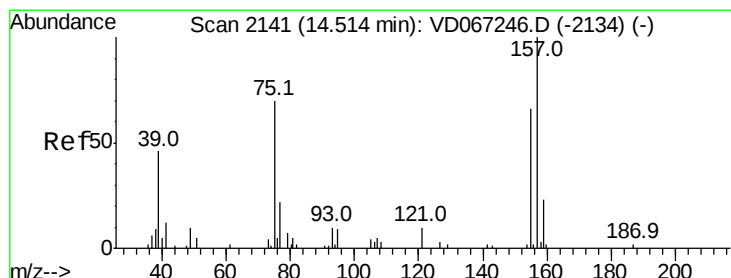
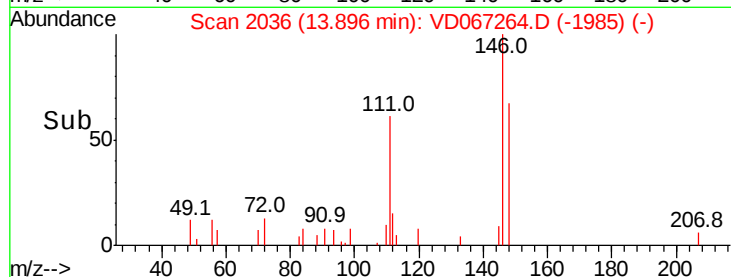
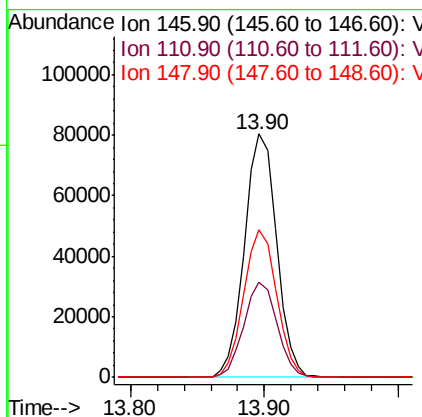
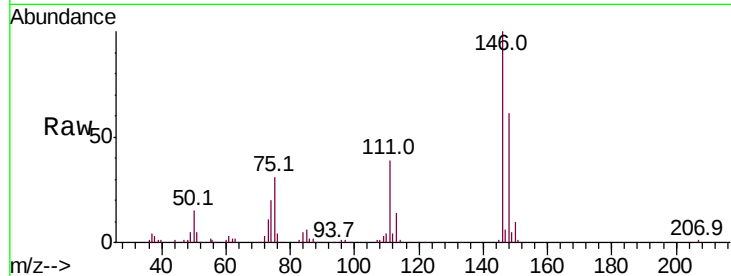




#91
 1,2-Dichlorobenzene
 Concen: 21.413 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

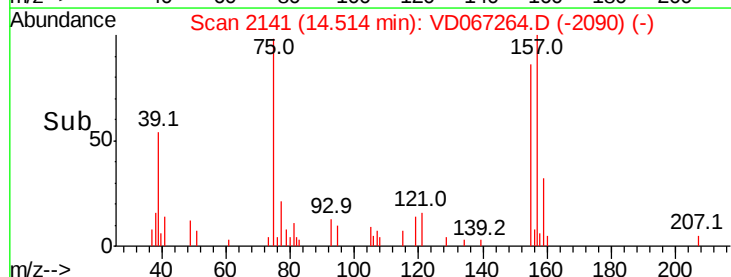
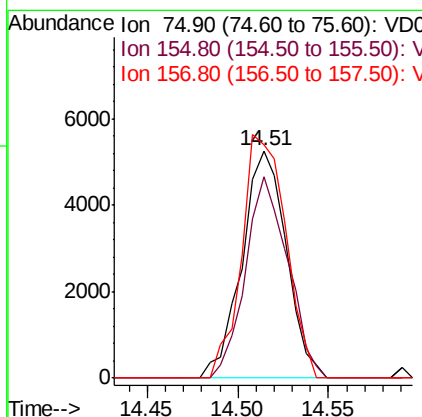
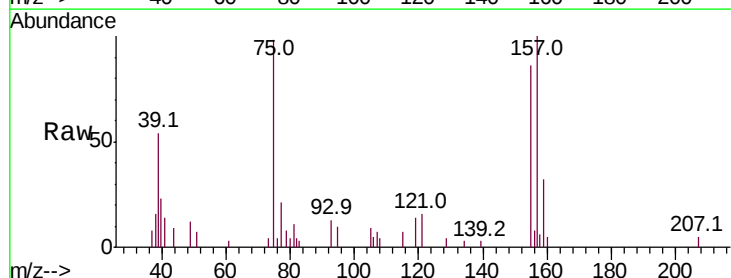
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBSD01

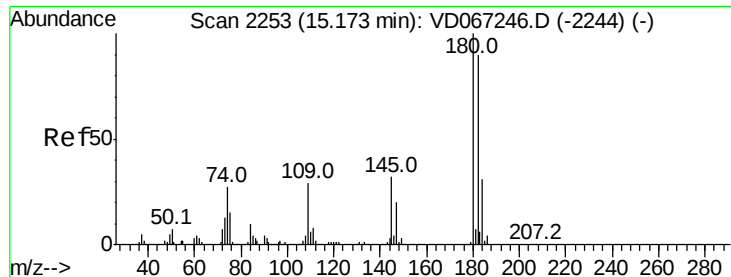
Tot Ion:146 Resp: 133662
 Ion Ratio Lower Upper
 146 100
 111 40.3 22.0 66.0
 148 61.9 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.564 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067264.D
 Acq: 14 Oct 2020 12:05

Tgt Ion: 75 Resp: 8938
 Ion Ratio Lower Upper
 75 100
 155 84.3 44.8 134.4
 157 106.2 62.5 187.4

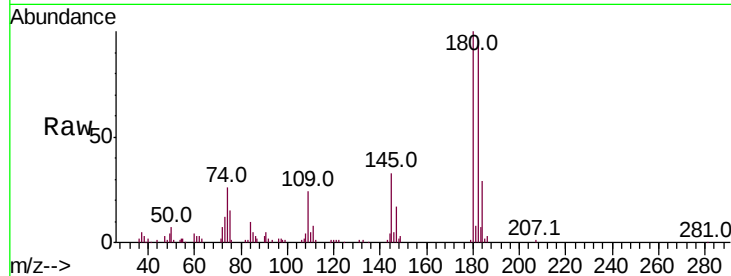




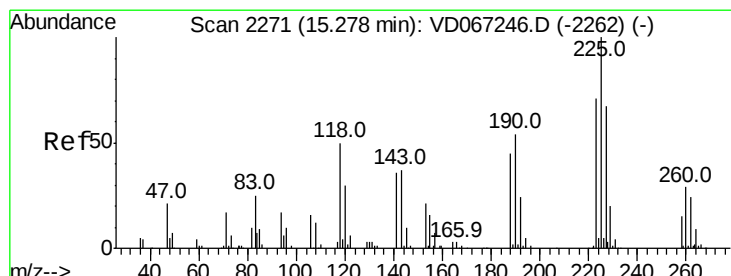
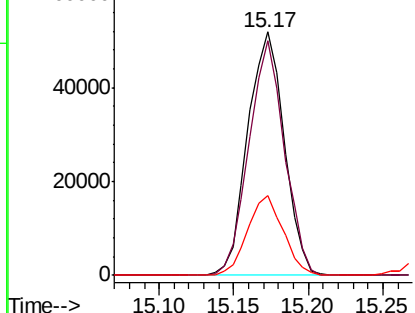
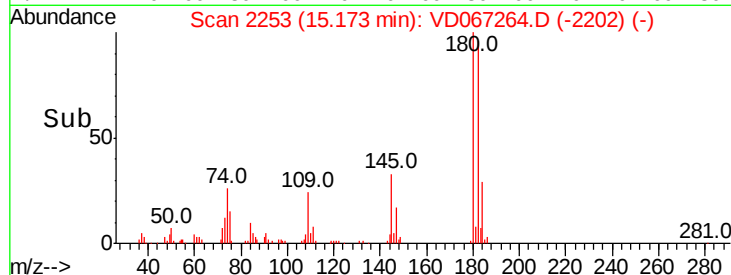
#93
1,2,4-Trichlorobenzene
Concen: 20.799 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.1	144.4
145	32.3	16.3	48.9

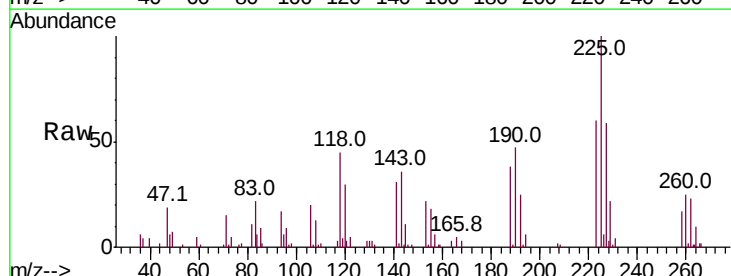


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

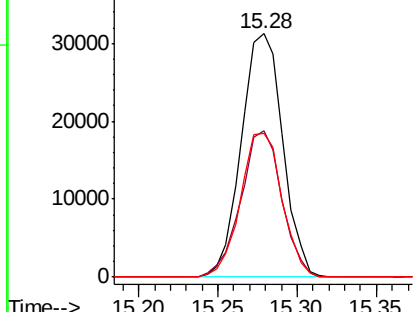
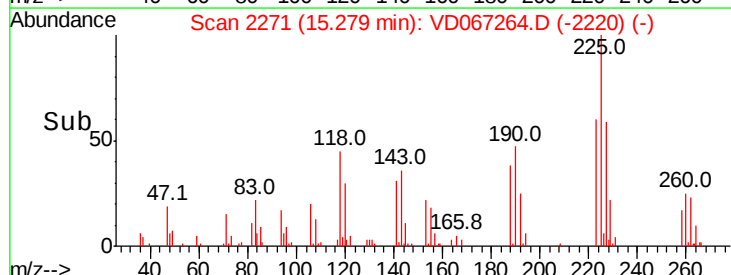


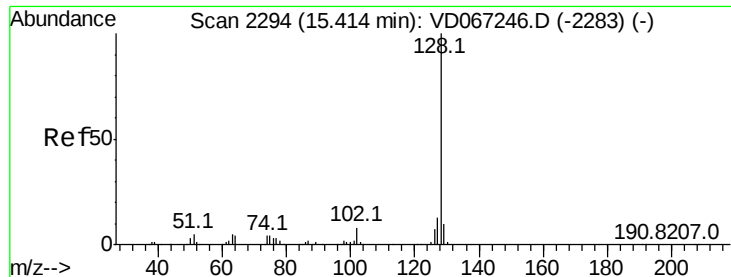
#94
Hexachlorobutadiene
Concen: 21.719 ug/l
RT: 15.28 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	31.9	95.7
227	59.4	31.2	93.6



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

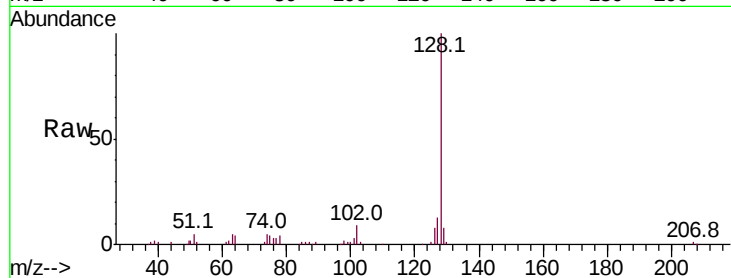




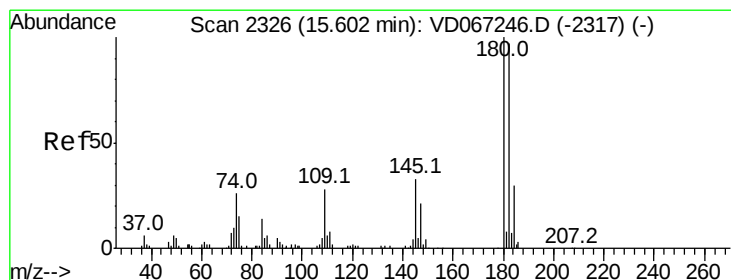
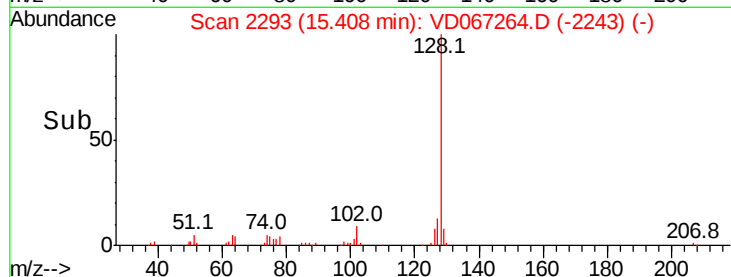
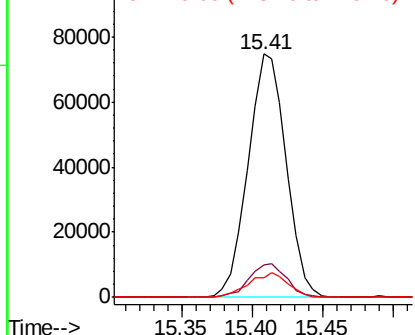
#95
Naphthalene
Concen: 20.483 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.3	8.6	12.8

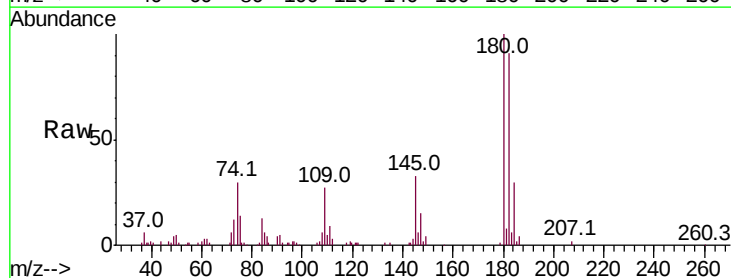


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.286 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD067264.D
Acq: 14 Oct 2020 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	48.1	144.3
145	34.9	17.3	51.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

