

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110320\
 Data File : VD067501.D
 Acq On : 03 Nov 2020 10:16
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 04 00:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:25:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	307621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	474764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	419767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	214434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	15525	5.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.54%	
35) Dibromofluoromethane	7.92	113	15734	5.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.00%	
50) Toluene-d8	10.34	98	53090	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
62) 4-Bromofluorobenzene	12.64	95	18319	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.99	85	15778	5.609	ug/l	100
3) Chloromethane	2.21	50	10386	5.422	ug/l	98
4) Vinyl Chloride	2.36	62	12022	5.629	ug/l	96
5) Bromomethane	2.78	94	10156	5.867	ug/l	88
6) Chloroethane	2.93	64	7099	5.391	ug/l	90
7) Trichlorofluoromethane	3.28	101	30475	5.511	ug/l	97
8) Diethyl Ether	3.71	74	5943	5.334	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	14882	5.331	ug/l #	70
10) Methyl Iodide	4.31	142	12181	4.072	ug/l	91
11) Tert butyl alcohol	5.23	59	1410	10.353	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	13151	5.122	ug/l	92
13) Acrolein	3.92	56	1088	11.133	ug/l #	38
14) Allyl chloride	4.72	41	13687	4.981	ug/l	98
15) Acrylonitrile	5.42	53	10508	25.511	ug/l	97
16) Acetone	4.16	43	9585	23.813	ug/l	96
17) Carbon Disulfide	4.41	76	41634	5.292	ug/l	98
18) Methyl Acetate	4.71	43	5091	6.121	ug/l #	73
19) Methyl tert-butyl Ether	5.48	73	24039	4.747	ug/l	92
20) Methylene Chloride	4.96	84	16555	5.822	ug/l #	95
21) trans-1,2-Dichloroethene	5.48	96	16231	5.427	ug/l	91
22) Diisopropyl ether	6.36	45	25836	4.825	ug/l #	96
23) Vinyl Acetate	6.31	43	46856	16.684	ug/l #	85
24) 1,1-Dichloroethane	6.27	63	22707	5.183	ug/l	95
25) 2-Butanone	7.22	43	10665	24.797	ug/l	98
26) 2,2-Dichloropropane	7.21	77	24662	5.334	ug/l	95
27) cis-1,2-Dichloroethene	7.22	96	15980	5.148	ug/l	98
28) Bromochloromethane	7.55	49	7626	4.894	ug/l	97
29) Tetrahydrofuran	7.56	42	5999	23.285	ug/l	91
30) Chloroform	7.71	83	27609	5.283	ug/l	96
31) Cyclohexane	7.99	56	23859	6.116	ug/l #	82
32) 1,1,1-Trichloroethane	7.91	97	29040	5.385	ug/l	97
36) 1,1-Dichloropropene	8.12	75	20934	5.151	ug/l	97
37) Ethyl Acetate	7.30	43	4887	4.632	ug/l #	93
38) Carbon Tetrachloride	8.10	117	26942	5.103	ug/l #	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110320\
 Data File : VD067501.D
 Acq On : 03 Nov 2020 10:16
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC005

Quant Time: Nov 04 00:26:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:25:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	22450	4.694	ug/l	93
40) Benzene	8.36	78	56340	5.118	ug/l	97
41) Methacrylonitrile	7.56	41	7118	13.413	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	17652	5.190	ug/l	97
43) Isopropyl Acetate	8.46	43	10482	5.024	ug/l	91
44) Trichloroethene	9.11	130	19929	5.506	ug/l	82
45) 1,2-Dichloropropane	9.40	63	12675	5.326	ug/l	89
46) Dibromomethane	9.48	93	8021	5.300	ug/l	93
47) Bromodichloromethane	9.67	83	21281	5.174	ug/l	86
48) Methyl methacrylate	9.46	41	5509	5.113	ug/l	91
49) 1,4-Dioxane	9.47	88	1401	91.196	ug/l #	79
51) 4-Methyl-2-Pentanone	10.23	43	23934	23.984	ug/l	97
52) Toluene	10.41	92	35889	4.867	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	16731	4.749	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	20838	4.979	ug/l	92
55) 1,1,2-Trichloroethane	10.81	97	9993	4.991	ug/l #	91
56) Ethyl methacrylate	10.67	69	9165	4.433	ug/l	98
57) 1,3-Dichloropropane	10.95	76	16152	5.013	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.95	63	24629	25.543	ug/l	98
59) 2-Hexanone	10.99	43	15126	21.678	ug/l	96
60) Dibromochloromethane	11.14	129	14381	4.855	ug/l	95
61) 1,2-Dibromoethane	11.25	107	10387	5.169	ug/l	98
64) Tetrachloroethene	10.88	164	16919	5.442	ug/l	84
65) Chlorobenzene	11.68	112	41847	5.175	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.75	131	16777	5.264	ug/l	98
67) Ethyl Benzene	11.75	91	66731	4.823	ug/l	96
68) m/p-Xylenes	11.86	106	52487	9.750	ug/l	99
69) o-Xylene	12.18	106	22542	4.690	ug/l	95
70) Styrene	12.20	104	39201	4.681	ug/l	99
71) Bromoform	12.36	173	7879	4.848	ug/l #	89
73) Isopropylbenzene	12.48	105	63135	4.556	ug/l	97
74) N-amyl acetate	12.29	43	8528	4.677	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.73	83	9869	5.222	ug/l	100
76) 1,2,3-Trichloropropane	12.80	75	12945	9.573	ug/l #	100
77) Bromobenzene	12.77	156	16885	4.961	ug/l	98
78) n-propylbenzene	12.83	91	73916	4.663	ug/l	96
79) 2-Chlorotoluene	12.91	91	42532	4.723	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	53581	4.526	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.54	75	3141	4.930	ug/l	96
82) 4-Chlorotoluene	13.01	91	46398	4.804	ug/l	97
83) tert-Butylbenzene	13.23	119	45362	4.521	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	53720	4.559	ug/l	100
85) sec-Butylbenzene	13.41	105	62735	4.632	ug/l	99
86) p-Isopropyltoluene	13.52	119	60372	4.616	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	33335	5.133	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	35357	5.377	ug/l	94
89) n-Butylbenzene	13.85	91	52783	4.672	ug/l	96
90) Hexachloroethane	14.12	117	12067	4.899	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	29377	5.227	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.52	75	1438	4.298	ug/l	86

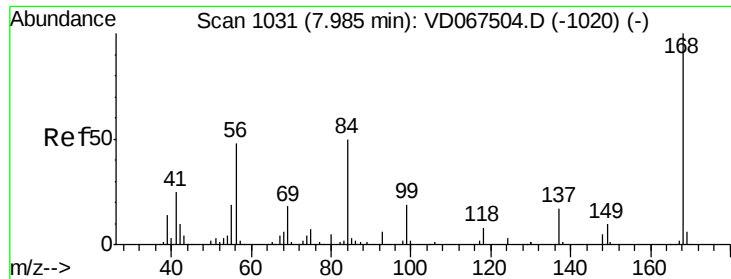
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110320\
Data File : VD067501.D
Acq On : 03 Nov 2020 10:16
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Nov 04 00:26:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:25:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	18304	4.798	ug/l	98
94) Hexachlorobutadiene	15.28	225	14552	5.700	ug/l	88
95) Naphthalene	15.41	128	24803	4.213	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.60	180	15855	4.853	ug/l	92

(#) = 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: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

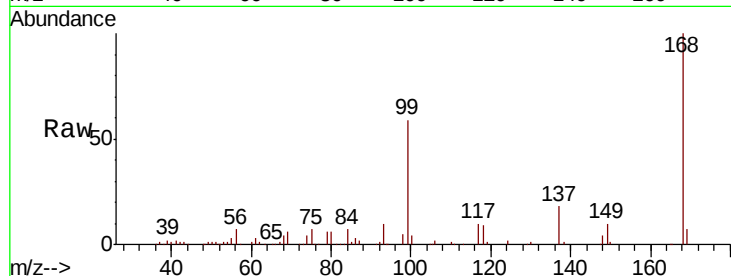
VSTDIC005

Tot Ion:168 Resp: 307621

Ion Ratio Lower Upper

168 100

99 58.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

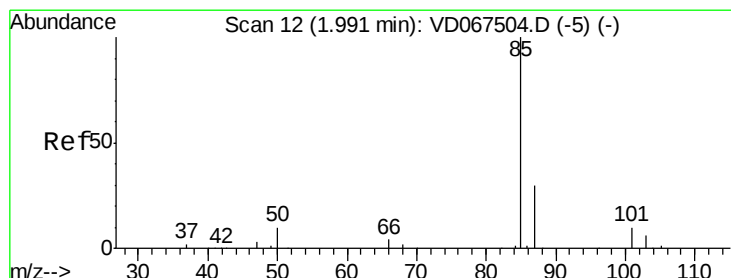
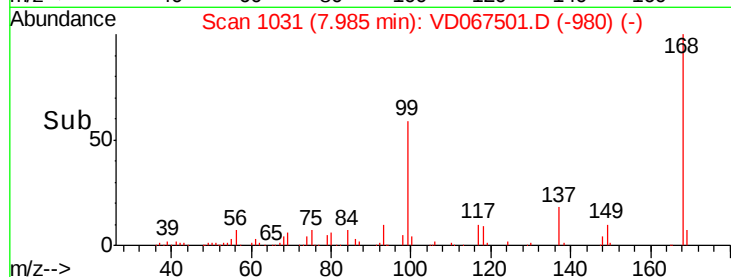
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 5.609 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067501.D

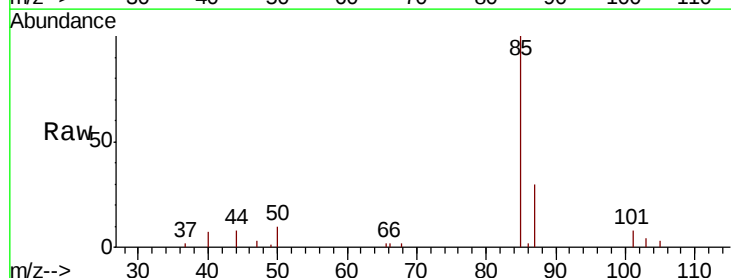
Acq: 03 Nov 2020 10:16

Tgt Ion: 85 Resp: 15778

Ion Ratio Lower Upper

85 100

87 30.3 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

15000

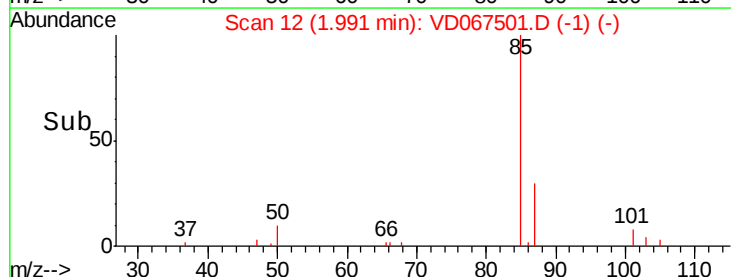
10000

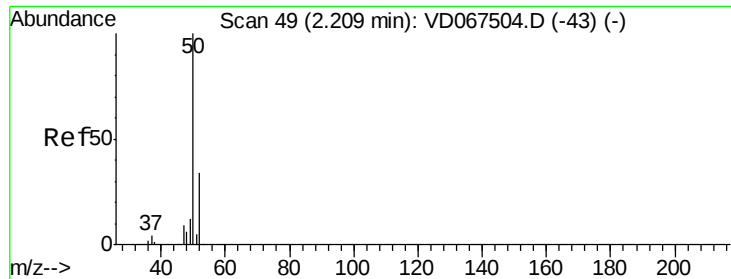
5000

0

Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 5.422 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

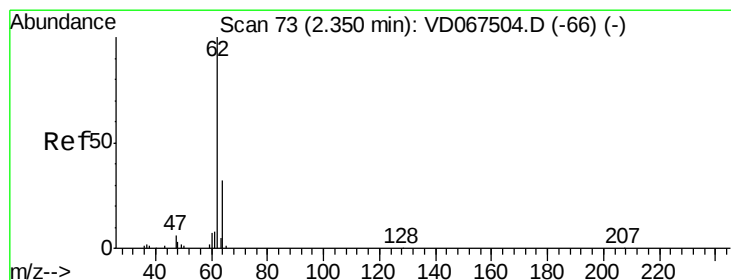
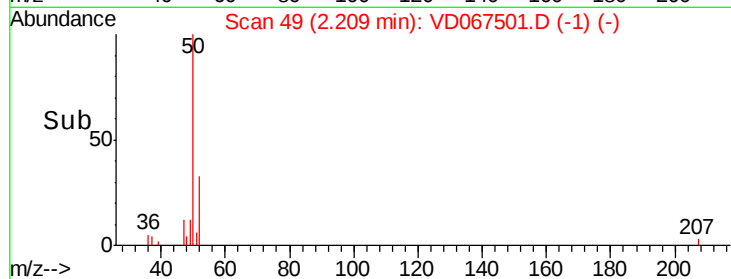
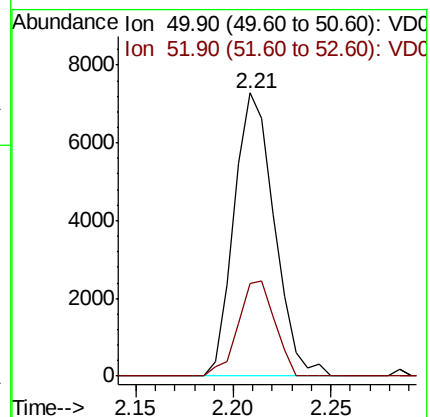
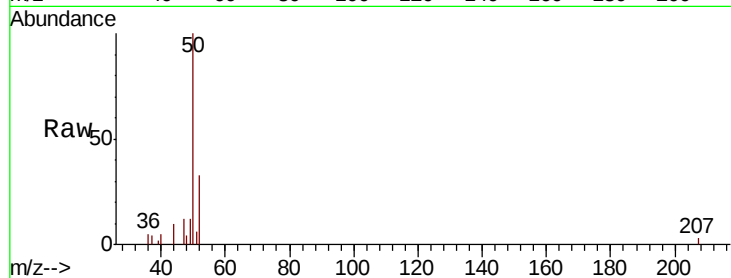
VSTDIC005

Tot Ion: 50 Resp: 10386

Ion Ratio Lower Upper

50 100

52 32.9 27.3 40.9



#4

Vinyl Chloride

Concen: 5.629 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067501.D

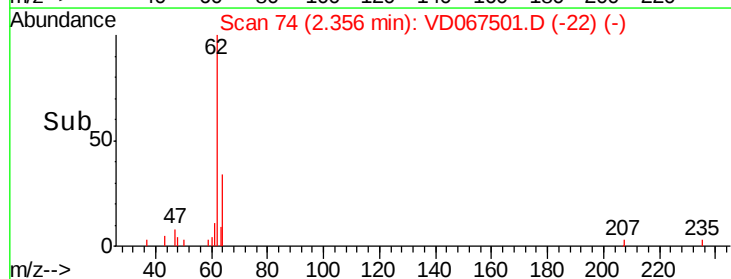
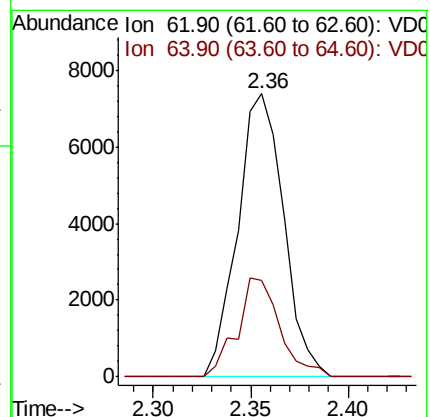
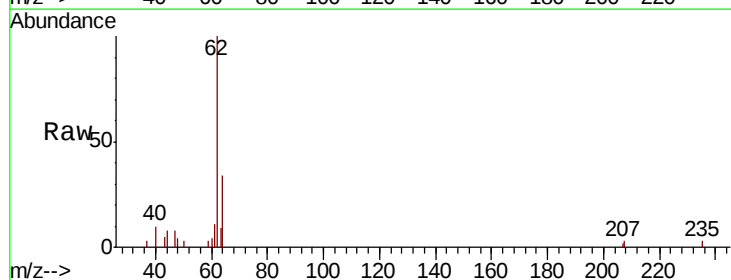
Acq: 03 Nov 2020 10:16

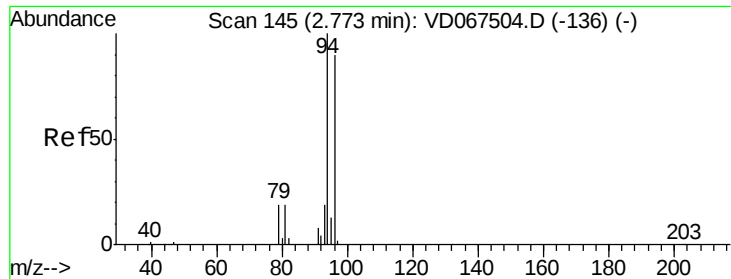
Tgt Ion: 62 Resp: 12022

Ion Ratio Lower Upper

62 100

64 34.0 25.6 38.4





#5

Bromomethane

Concen: 5.867 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

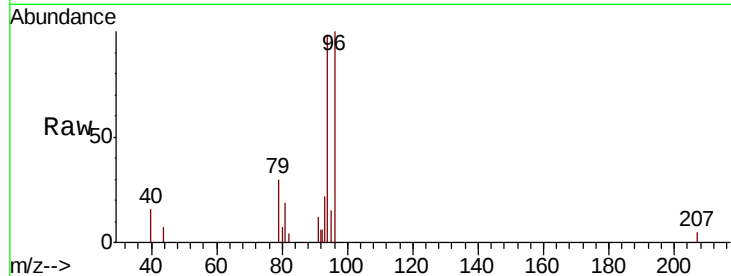
VSTDIC005

Tot Ion: 94 Resp: 10156

Ion Ratio Lower Upper

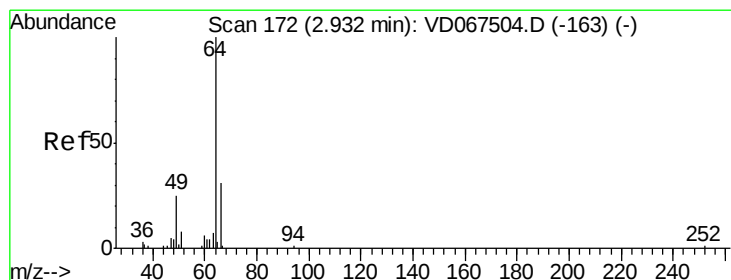
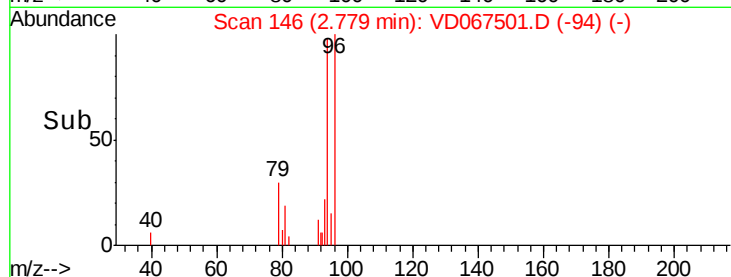
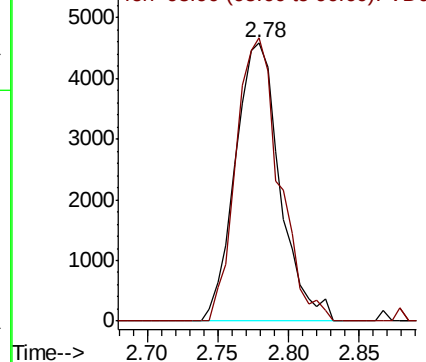
94 100

96 101.5 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.391 ug/l

RT: 2.93 min Scan# 172

Delta R.T. -0.00 min

Lab File: VD067501.D

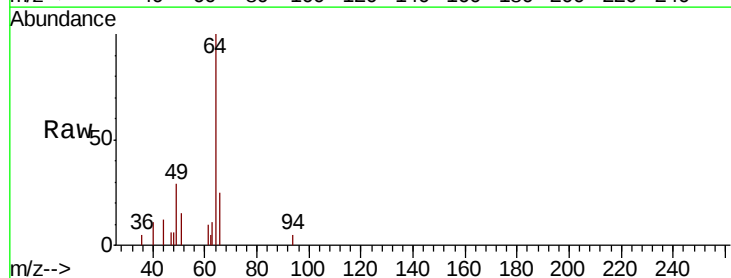
Acq: 03 Nov 2020 10:16

Tgt Ion: 64 Resp: 7099

Ion Ratio Lower Upper

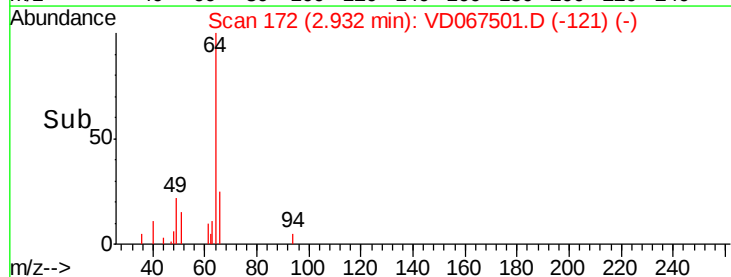
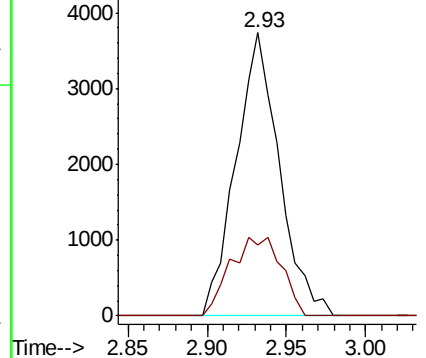
64 100

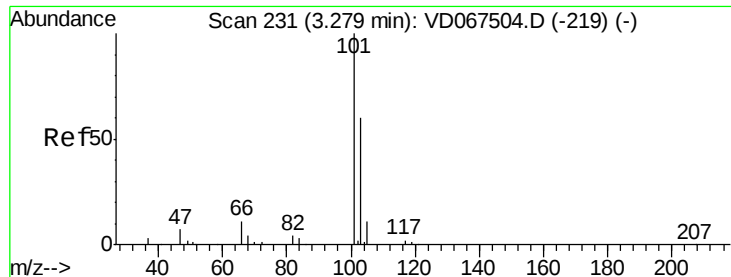
66 25.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 5.511 ug/l

RT: 3.28 min Scan# 232

Delta R.T. 0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

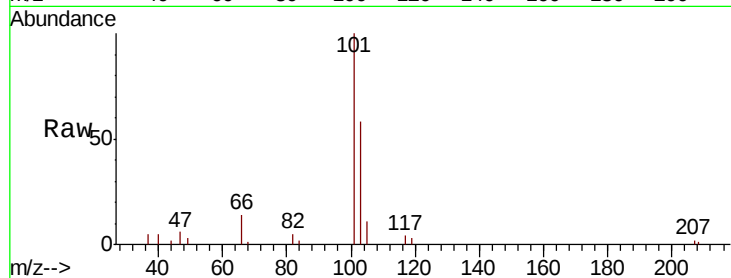
VSTDIC005

Tot Ion:101 Resp: 30475

Ion Ratio Lower Upper

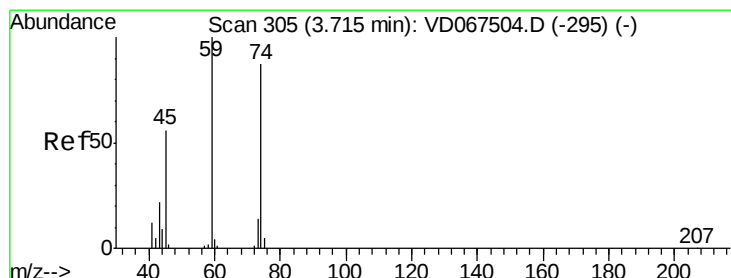
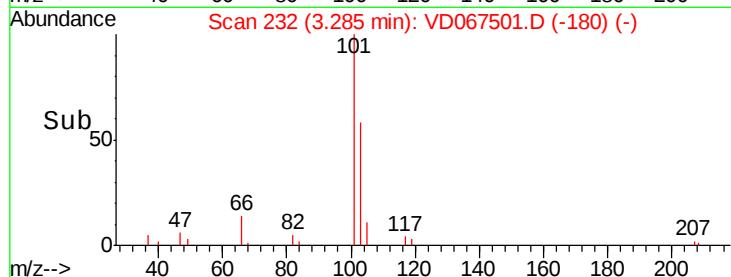
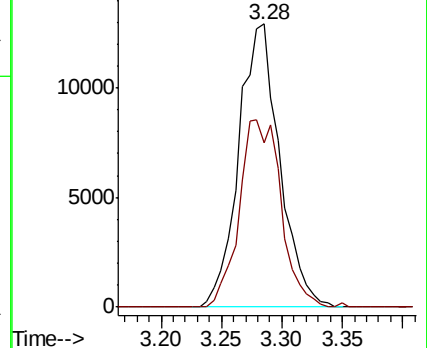
101 100

103 58.1 48.1 72.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.334 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.01 min

Lab File: VD067501.D

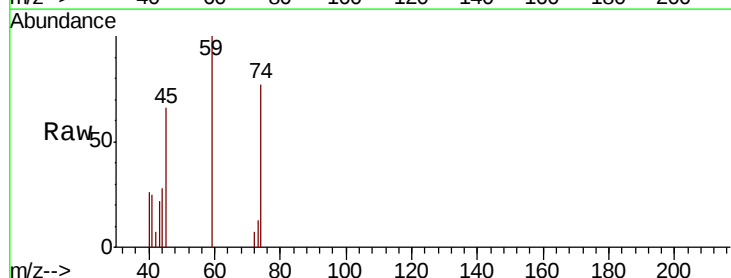
Acq: 03 Nov 2020 10:16

Tgt Ion: 74 Resp: 5943

Ion Ratio Lower Upper

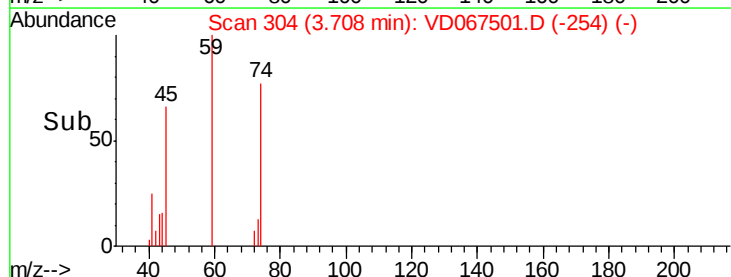
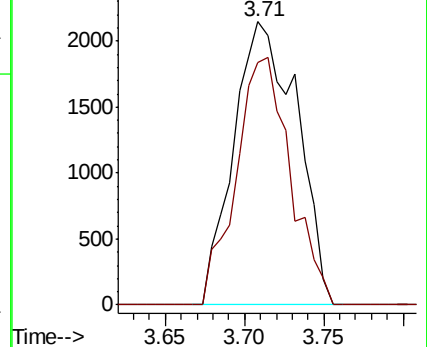
74 100

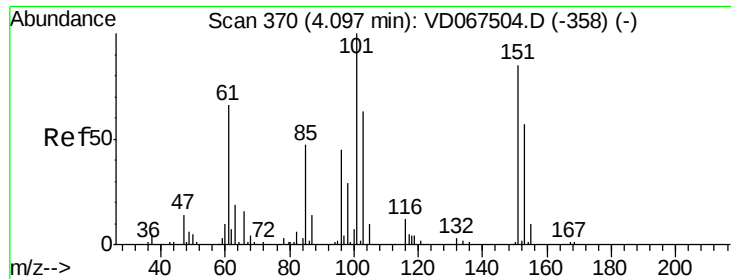
45 75.3 38.2 114.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.331 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

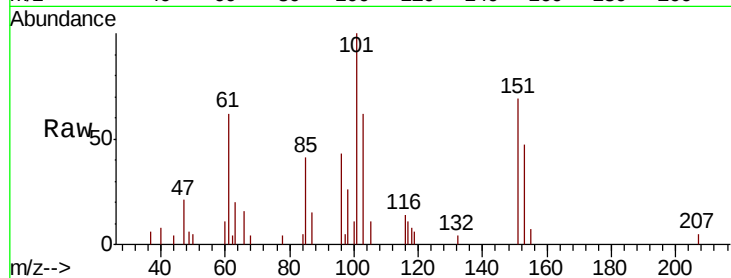
Tot Ion:101 Resp: 14882

Ion Ratio Lower Upper

101 100

85 45.9 34.4 51.6

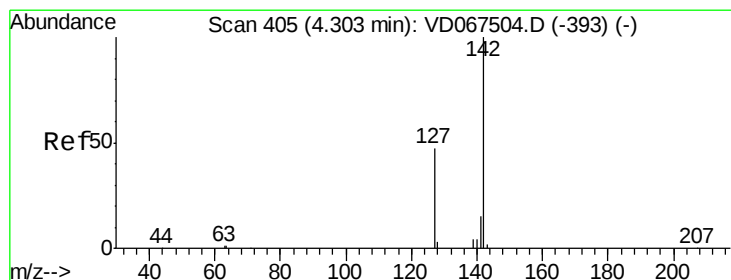
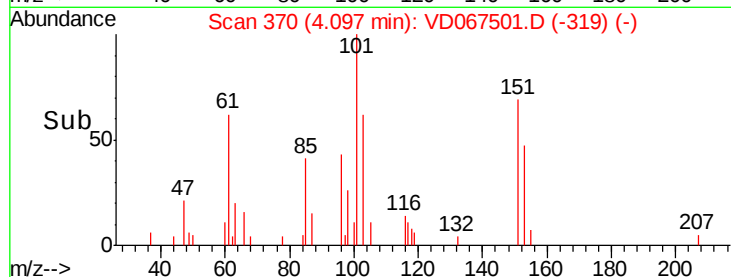
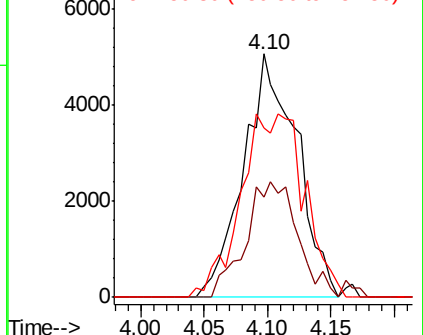
151 46.0 68.1 102.1#



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: 4.072 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

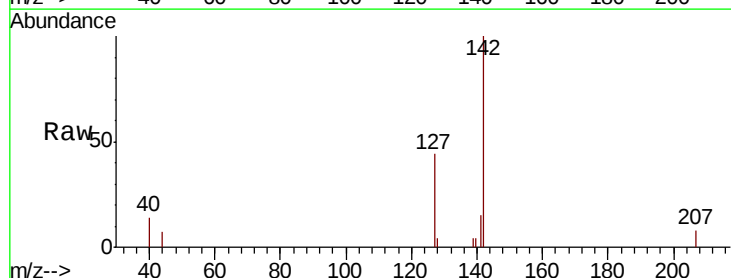
Tgt Ion:142 Resp: 12181

Ion Ratio Lower Upper

142 100

127 57.9 40.0 60.0

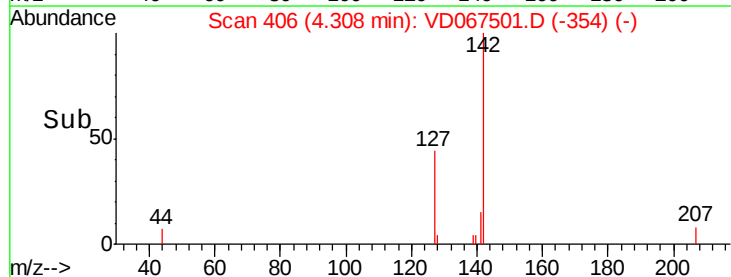
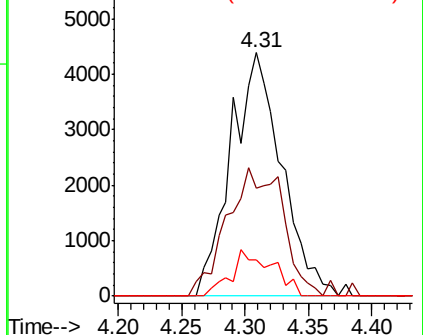
141 15.5 11.7 17.5

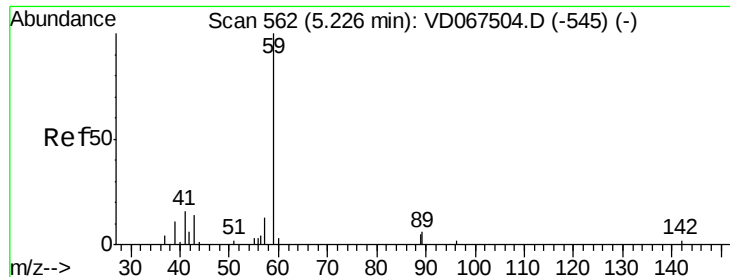


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

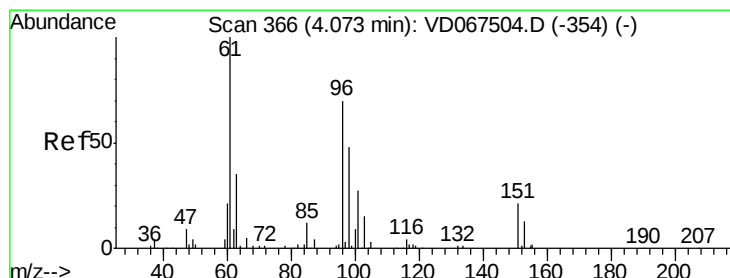
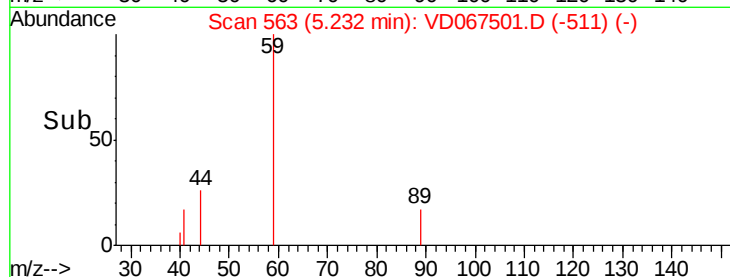
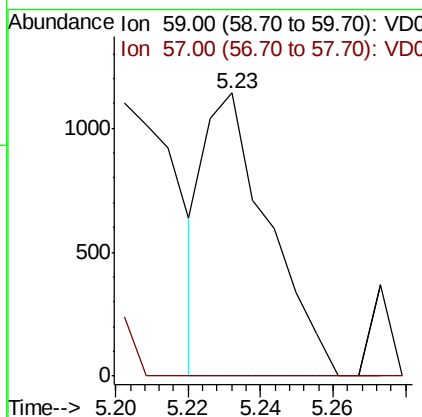
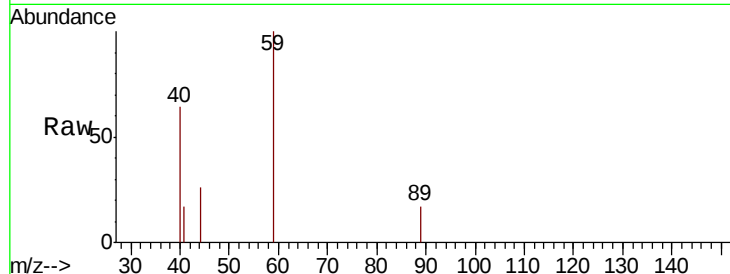




#11
Tert butyl alcohol
Concen: 10.353 ug/l
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

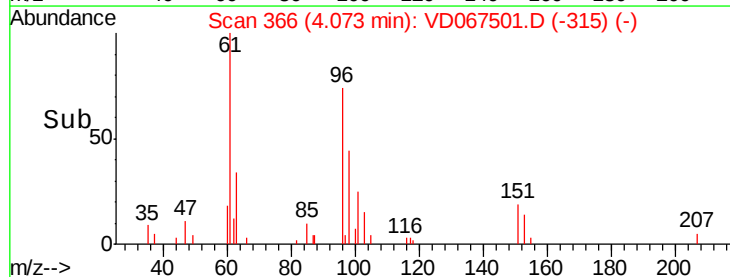
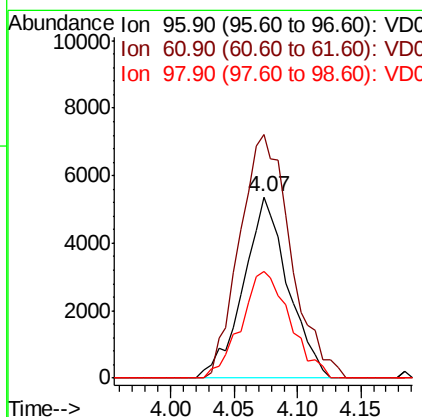
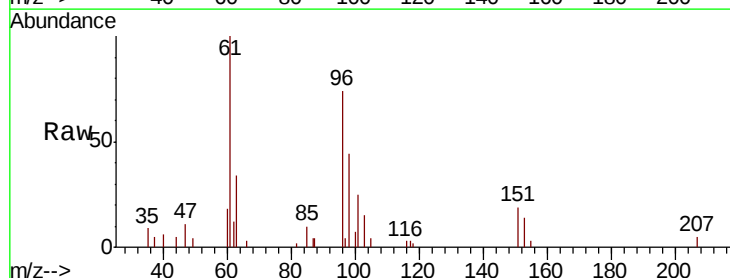
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

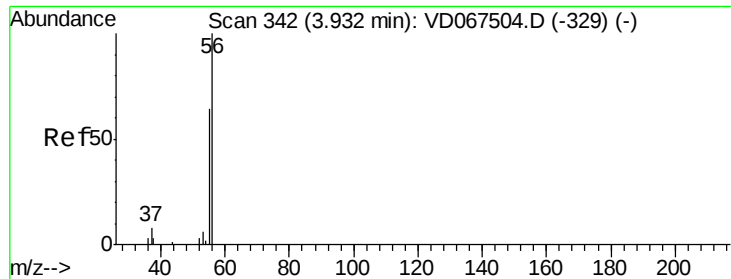
Tot Ion: 59 Resp: 1410
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#12
1,1-Dichloroethene
Concen: 5.122 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 96 Resp: 13151
Ion Ratio Lower Upper
96 100
61 134.5 114.5 171.7
98 59.0 54.5 81.7





#13

Acrolein

Concen: 11.133 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

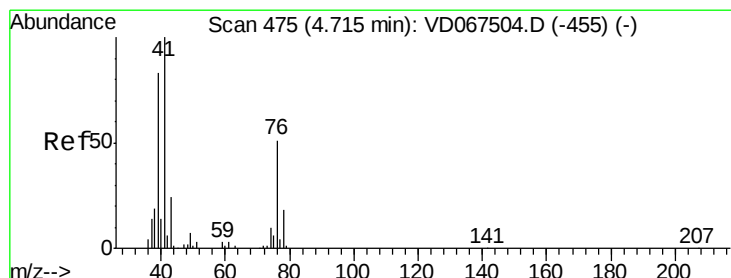
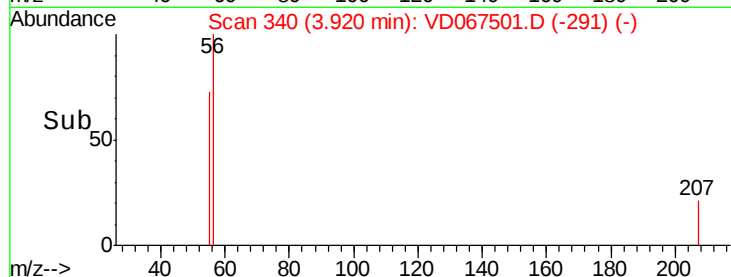
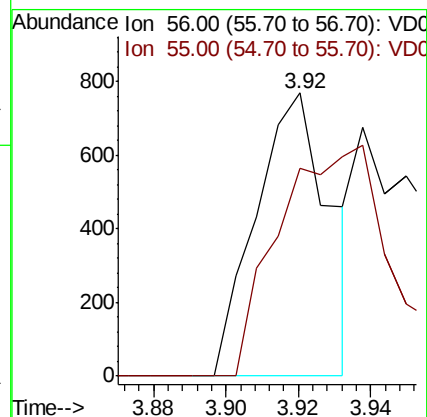
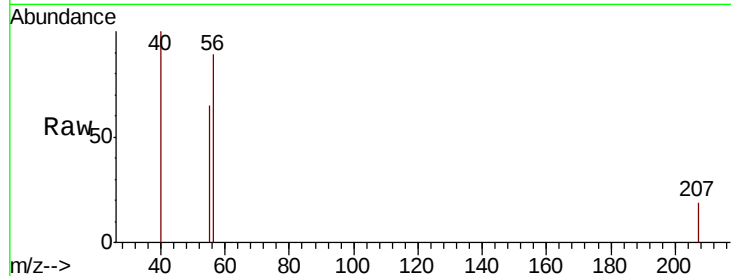
VSTDIC005

Tot Ion: 56 Resp: 1088

Ion Ratio Lower Upper

56 100

55 120.2 55.8 83.8#



#14

Allyl chloride

Concen: 4.981 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

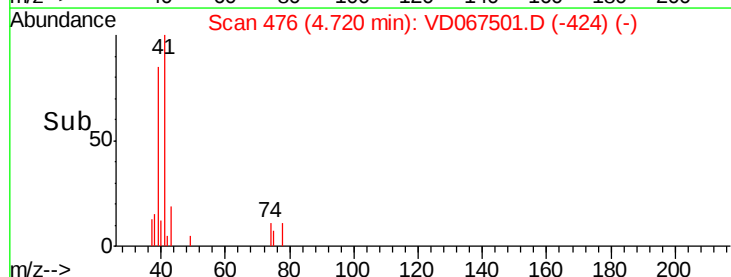
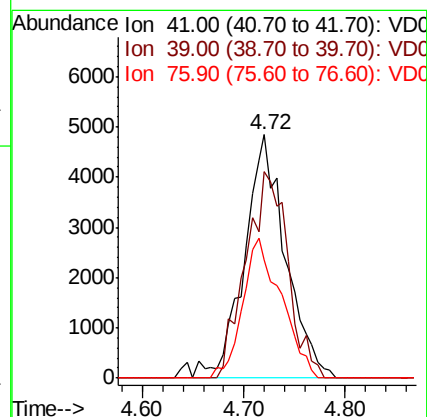
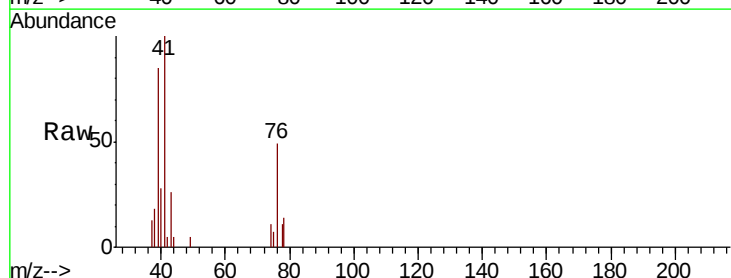
Tgt Ion: 41 Resp: 13687

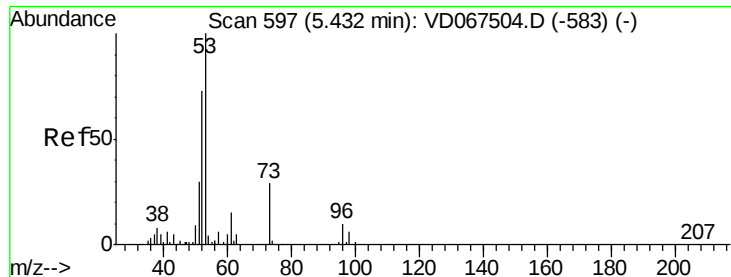
Ion Ratio Lower Upper

41 100

39 86.1 67.4 101.0

76 53.9 42.2 63.2





#15

Acrylonitrile

Concen: 25.511 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

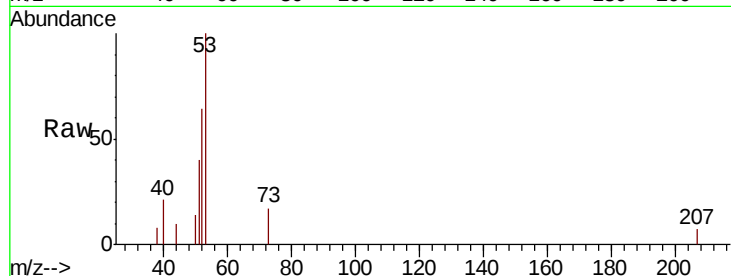
Tot Ion: 53 Resp: 10508

Ion Ratio Lower Upper

53 100

52 77.9 64.8 97.2

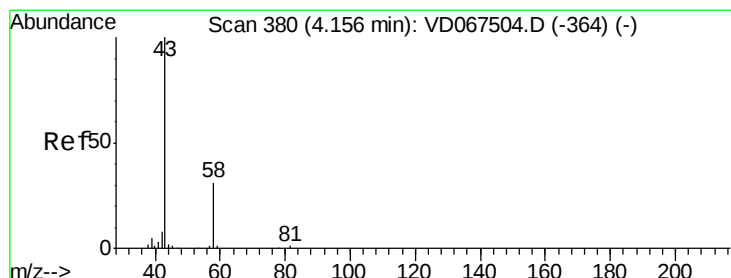
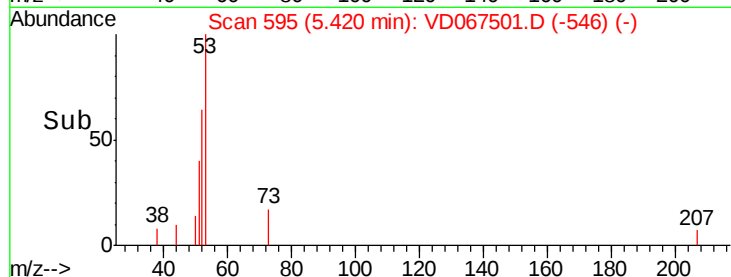
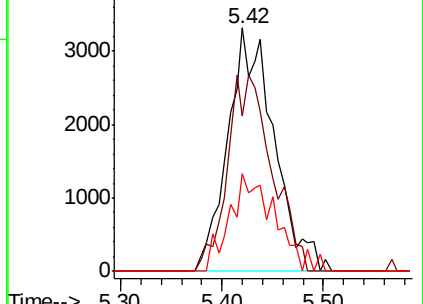
51 37.5 29.5 44.3



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: 23.813 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067501.D

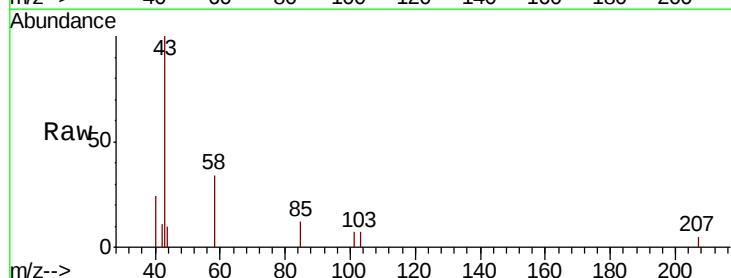
Acq: 03 Nov 2020 10:16

Tgt Ion: 43 Resp: 9585

Ion Ratio Lower Upper

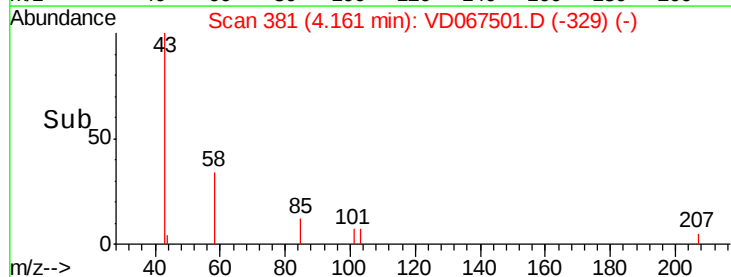
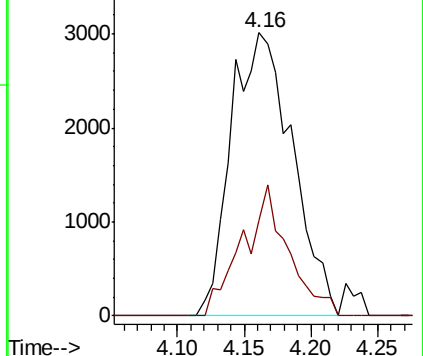
43 100

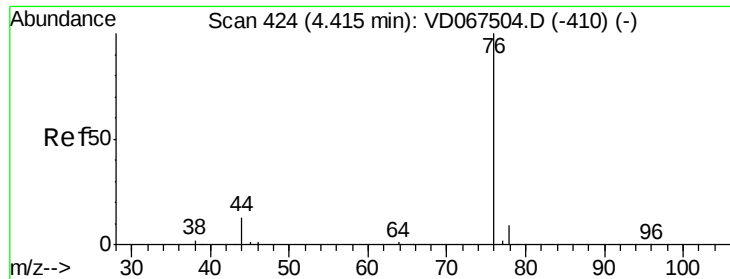
58 33.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

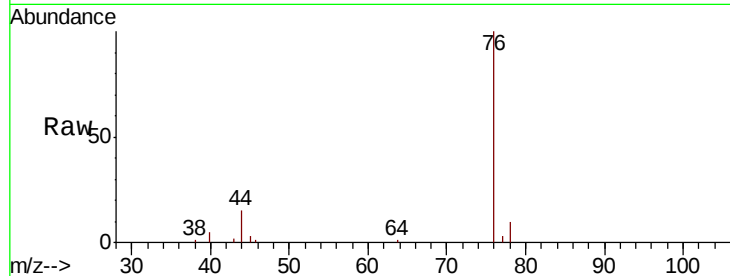




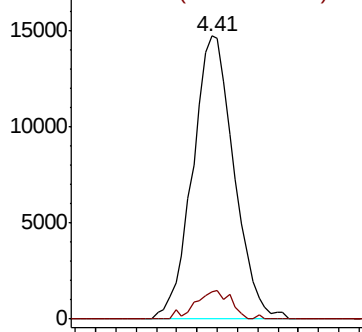
#17
Carbon Disulfide
Concen: 5.292 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

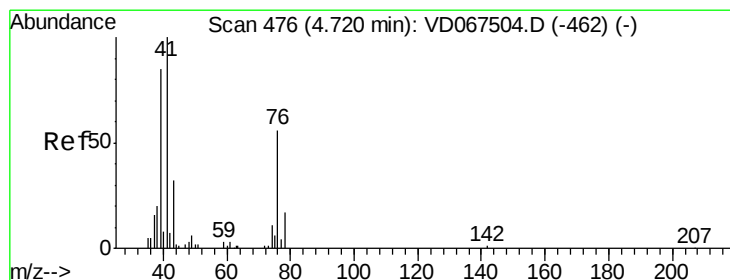
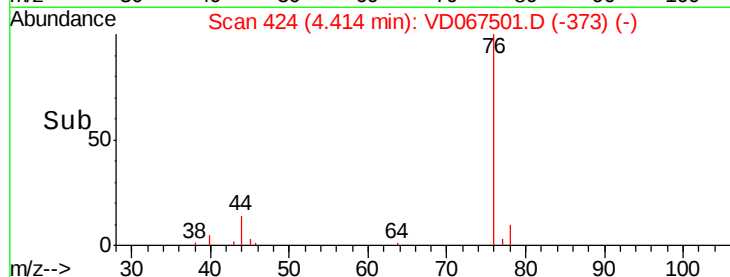
Tot Ion: 76 Resp: 41634
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

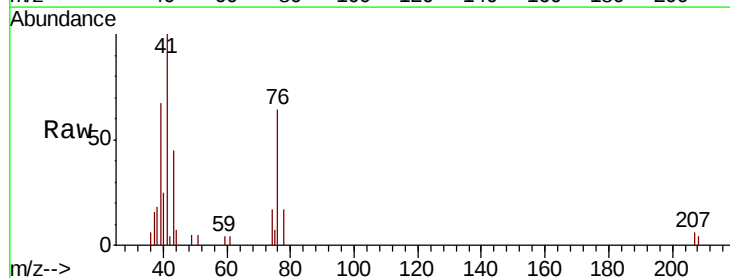


Time-->

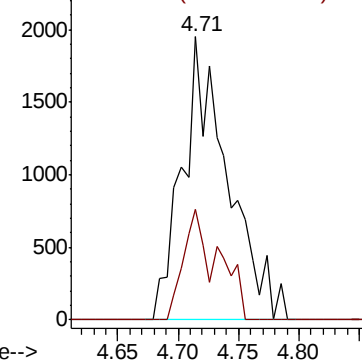


#18
Methyl Acetate
Concen: 6.121 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

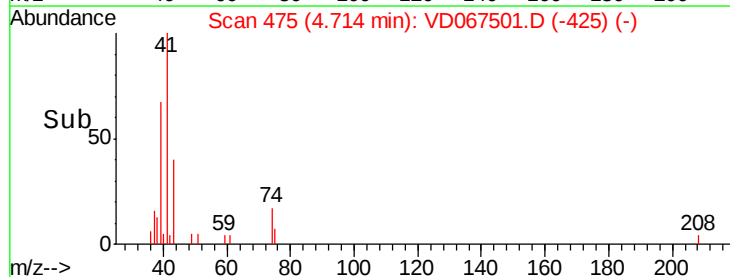
Tgt Ion: 43 Resp: 5091
Ion Ratio Lower Upper
43 100
74 18.4 27.2 40.8#

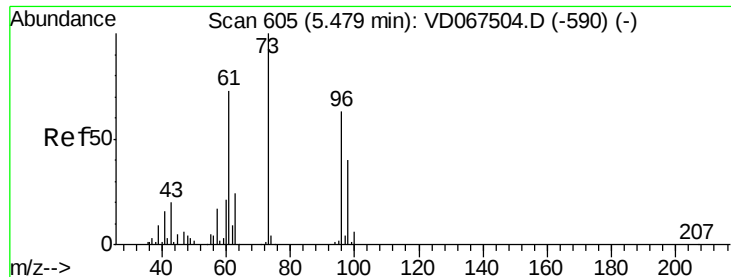


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC



Time-->



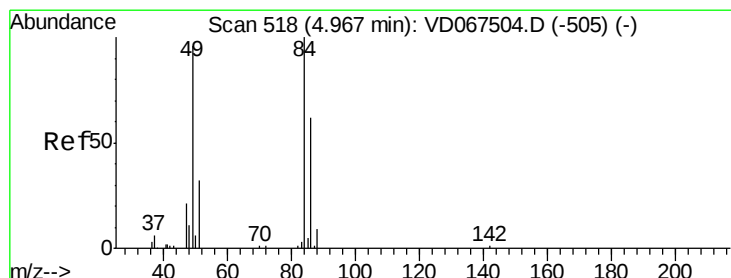
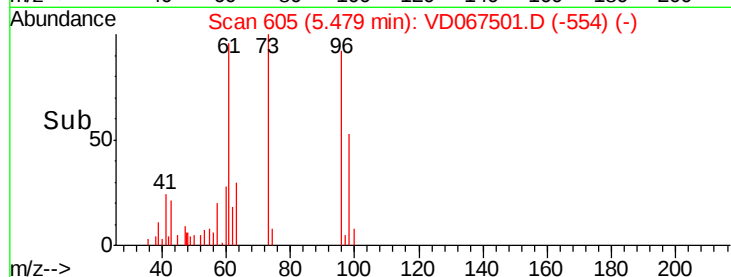
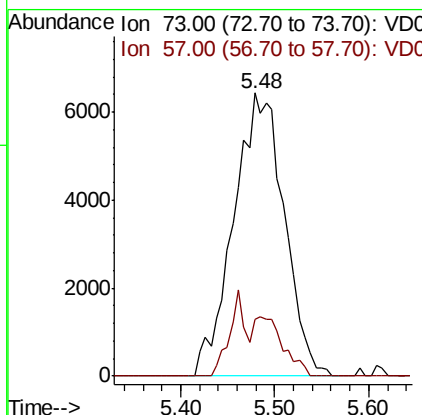
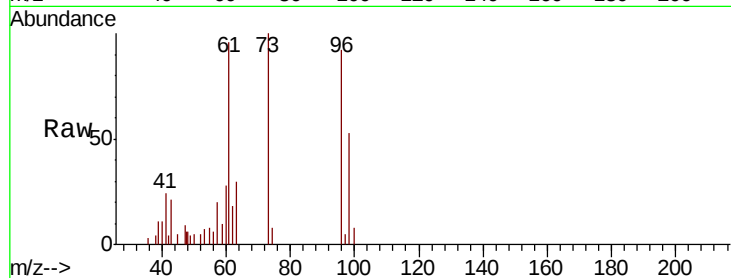


#19

Methyl tert-butyl Ether
 Concen: 4.747 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

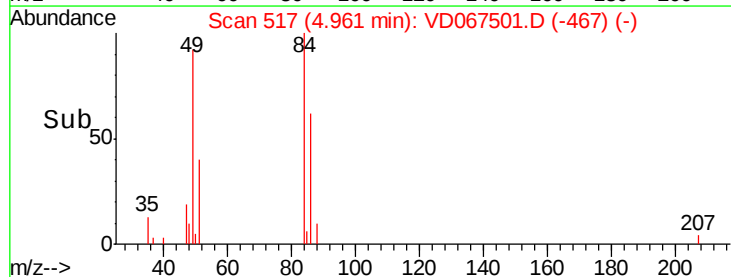
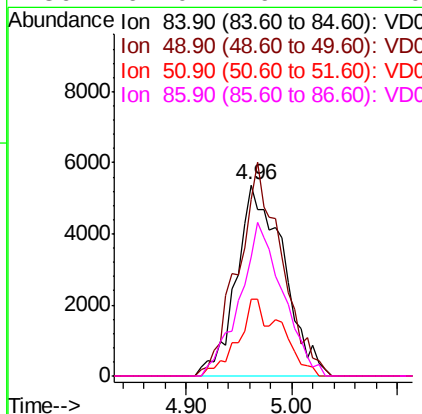
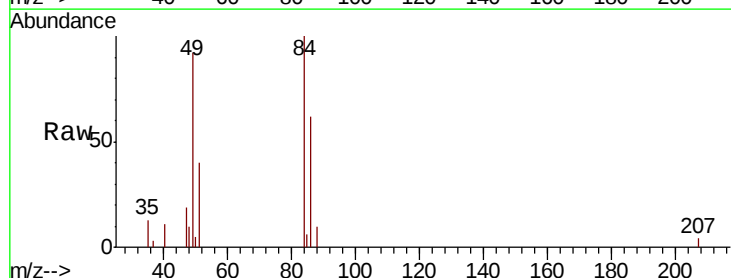
Tot Ion: 73 Resp: 24039
 Ion Ratio Lower Upper
 73 100
 57 19.9 13.4 20.0

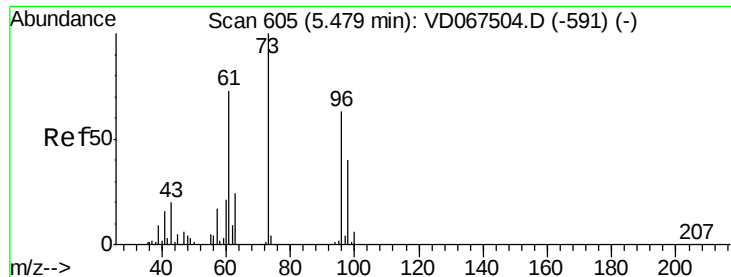


#20

Methylene Chloride
 Concen: 5.822 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

Tgt Ion: 84 Resp: 16555
 Ion Ratio Lower Upper
 84 100
 49 92.4 77.0 115.4
 51 40.0 25.4 38.2#
 86 62.0 49.4 74.0

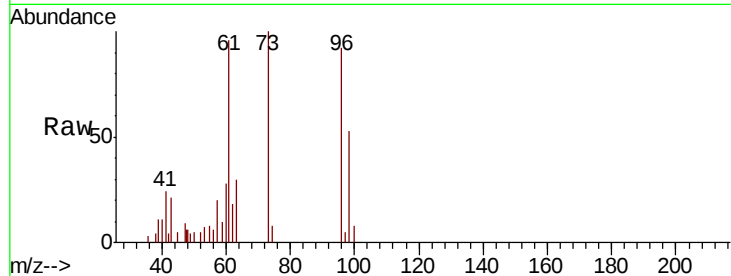




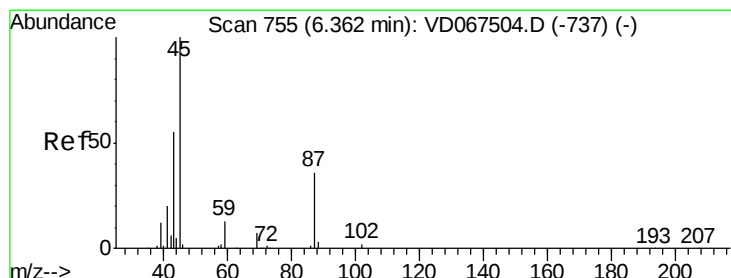
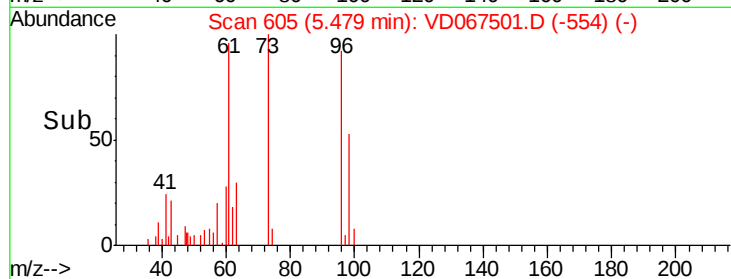
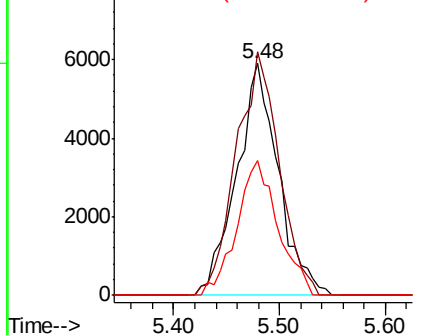
#21
trans-1,2-Dichloroethene
Concen: 5.427 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 96 Resp: 16231
Ion Ratio Lower Upper
96 100
61 105.1 93.0 139.6
98 58.3 50.9 76.3

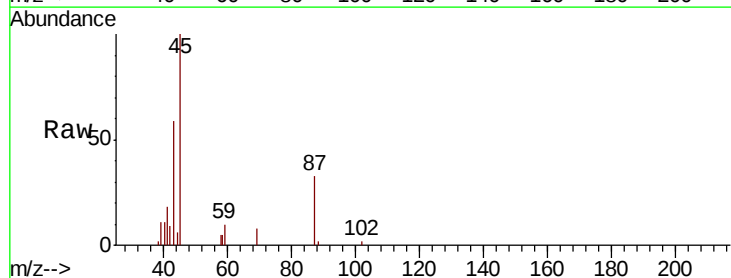


Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC

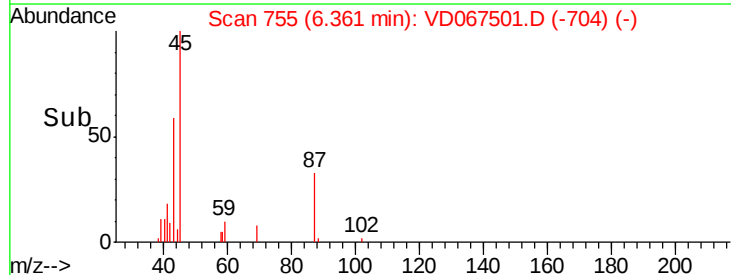
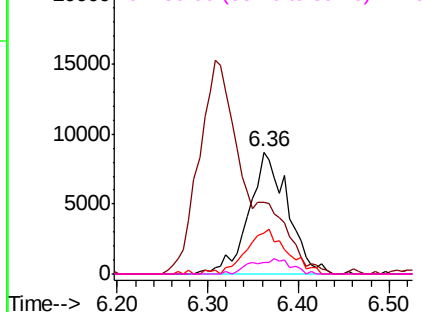


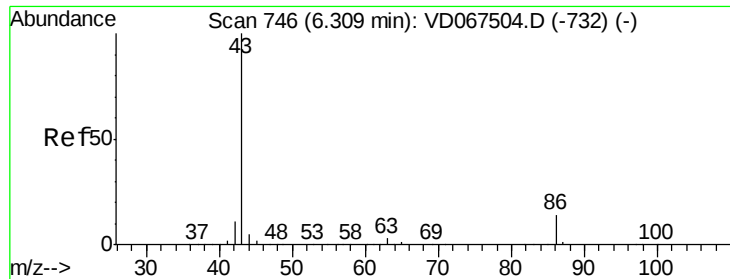
#22
Diisopropyl ether
Concen: 4.825 ug/l
RT: 6.36 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 45 Resp: 25836
Ion Ratio Lower Upper
45 100
43 58.9 46.2 69.4
87 33.5 29.4 44.2
59 9.7 10.8 16.2#



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 16.684 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

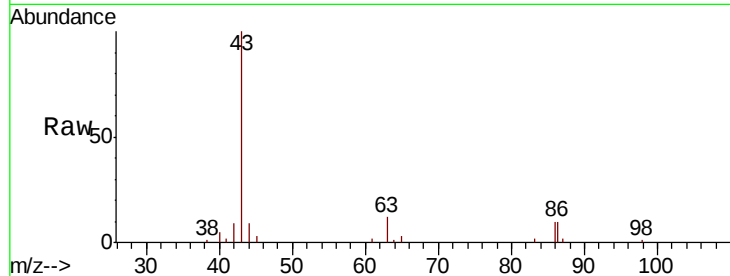
VSTDIC005

Tot Ion: 43 Resp: 46856

Ion Ratio Lower Upper

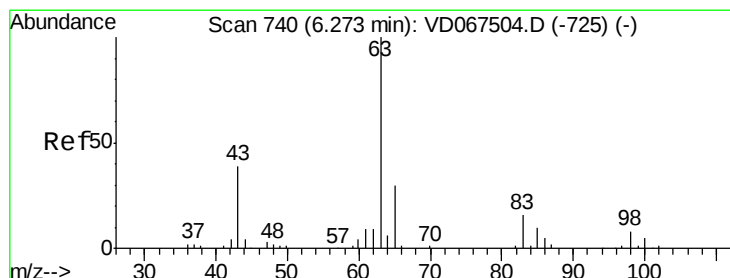
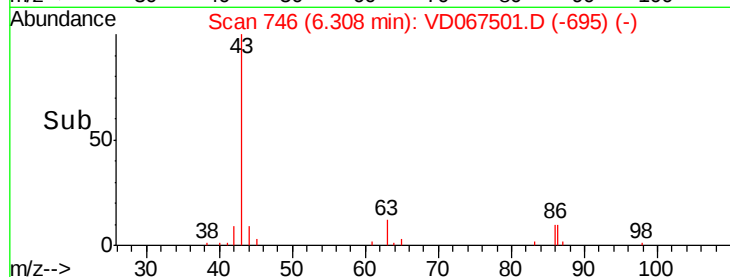
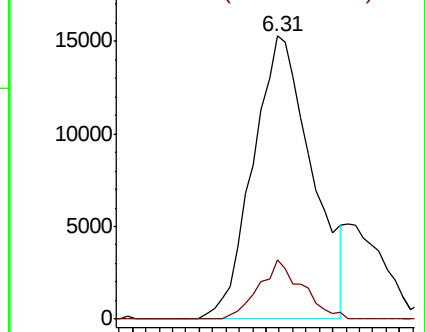
43 100

86 20.8 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 5.183 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

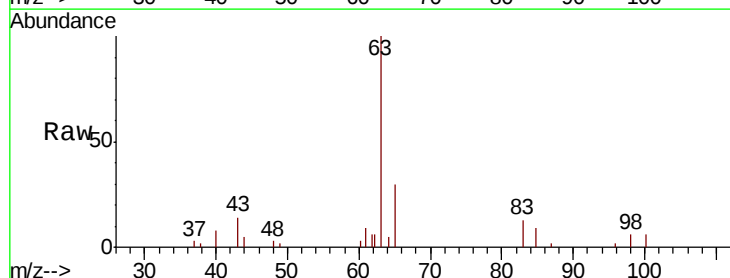
Tgt Ion: 63 Resp: 22707

Ion Ratio Lower Upper

63 100

98 5.6 3.9 11.5

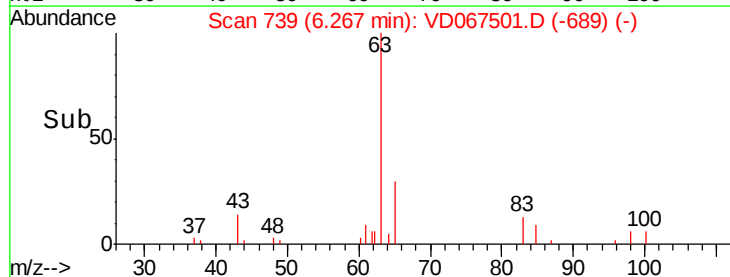
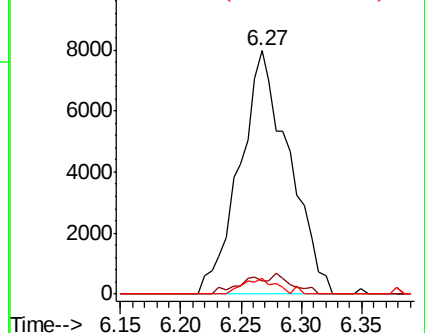
100 6.4 2.6 7.8

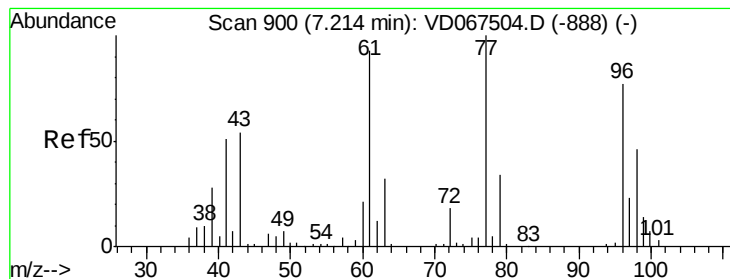


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 24.797 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

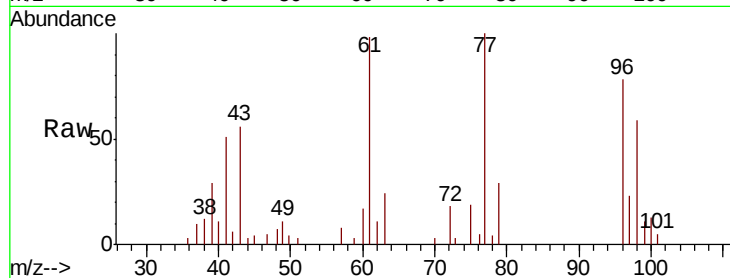
VSTDIC005

Tot Ion: 43 Resp: 10665

Ion Ratio Lower Upper

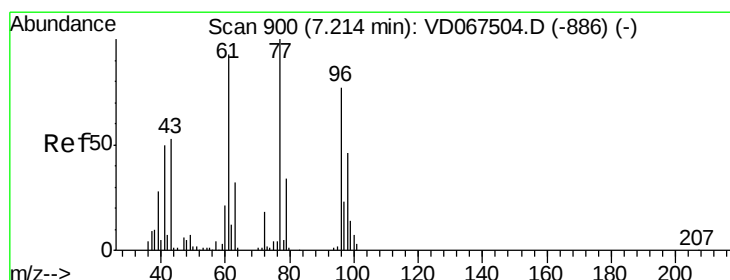
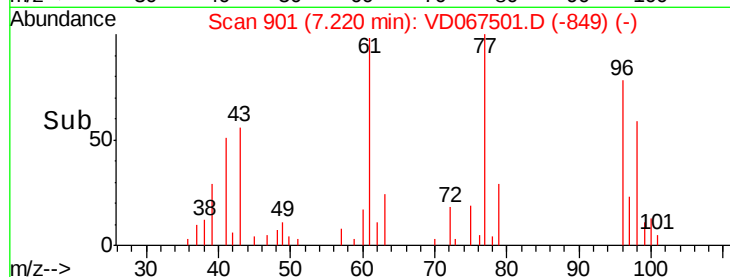
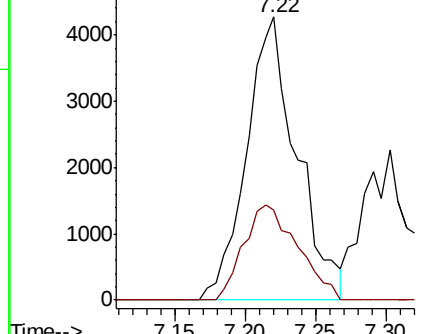
43 100

72 31.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 5.334 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067501.D

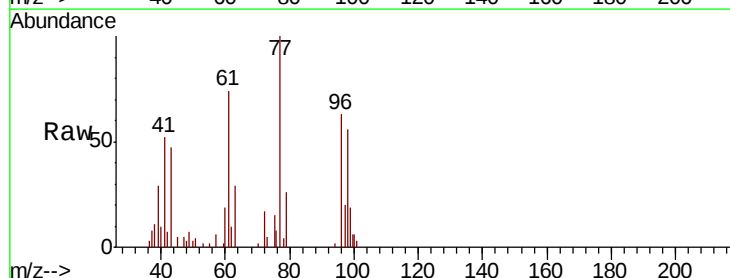
Acq: 03 Nov 2020 10:16

Tgt Ion: 77 Resp: 24662

Ion Ratio Lower Upper

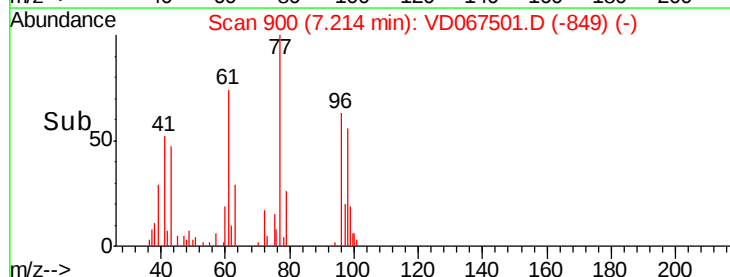
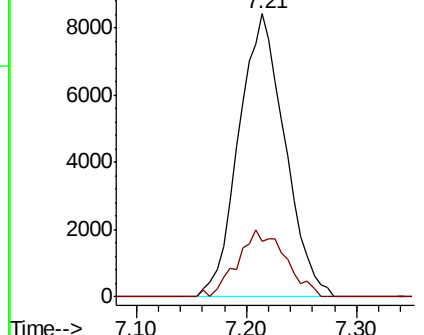
77 100

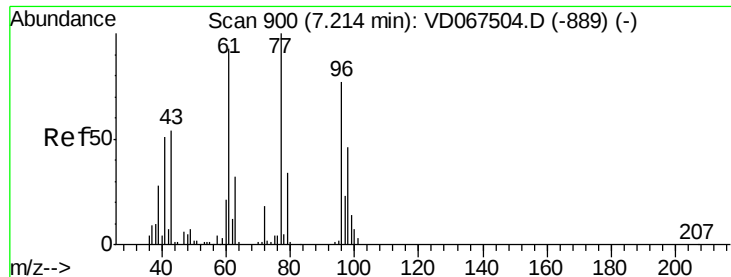
97 24.4 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



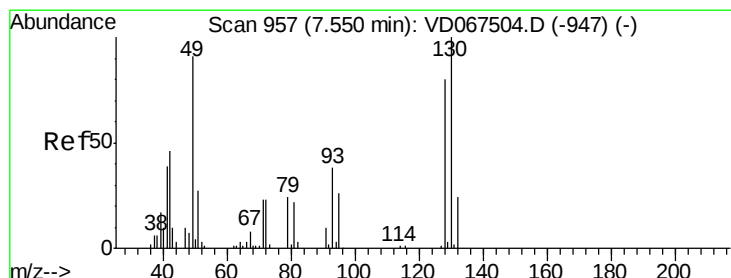
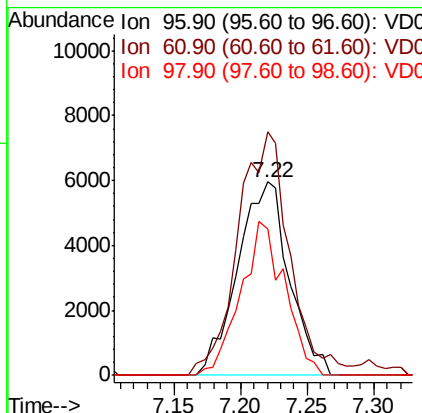
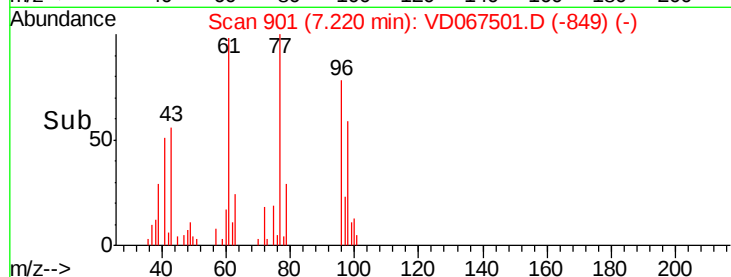
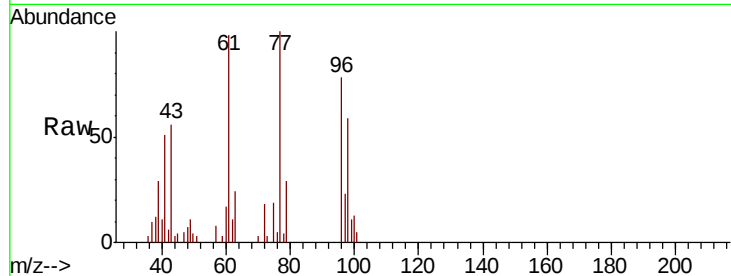


#27

cis-1,2-Dichloroethene
Concen: 5.148 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

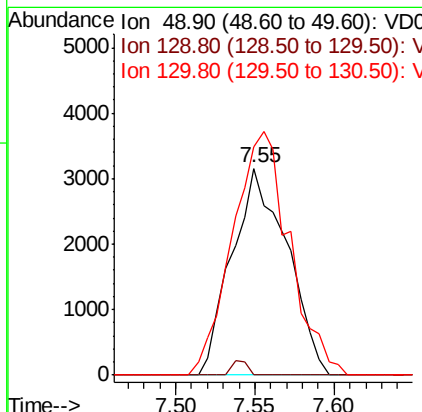
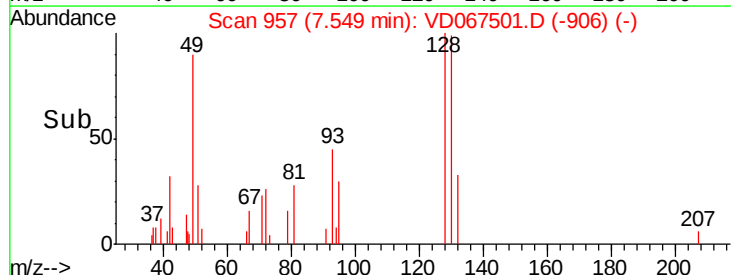
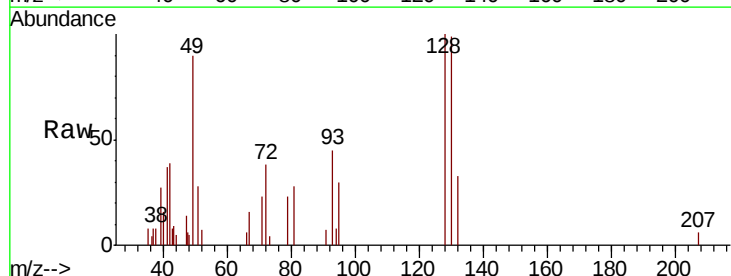
Tot Ion: 96 Resp: 15980
Ion Ratio Lower Upper
96 100
61 125.5 0.0 251.6
98 67.6 0.0 128.0

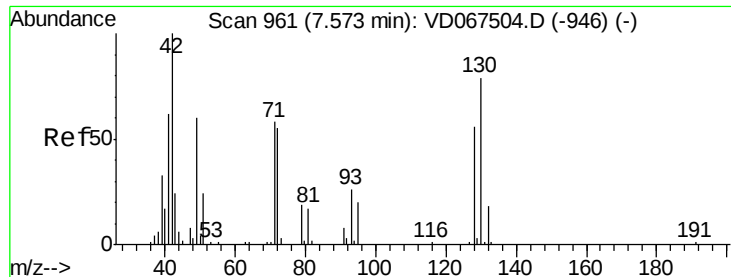


#28

Bromochloromethane
Concen: 4.894 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 49 Resp: 7626
Ion Ratio Lower Upper
49 100
129 2.0 0.0 6.4
130 121.4 94.6 142.0

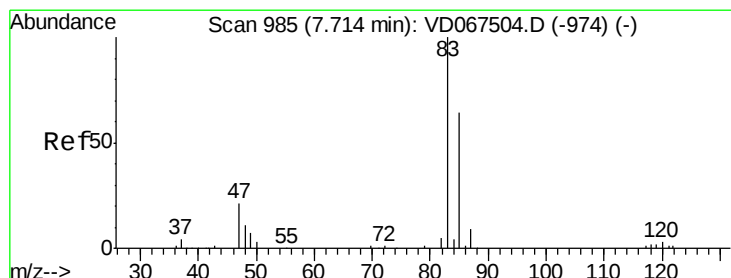
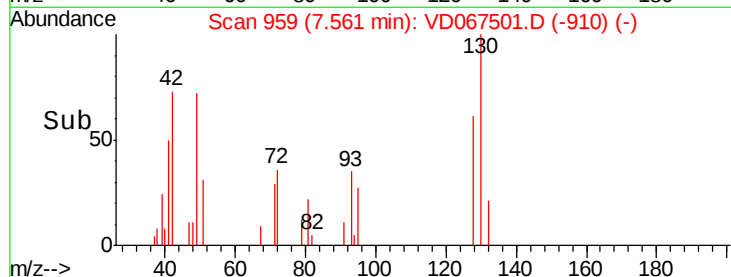
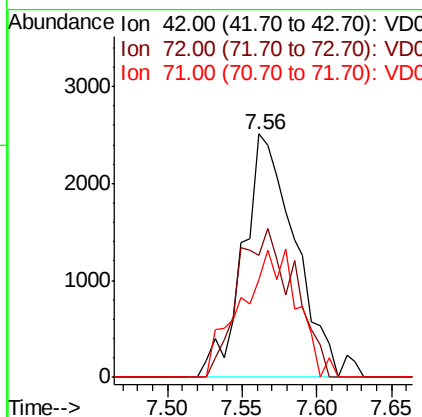
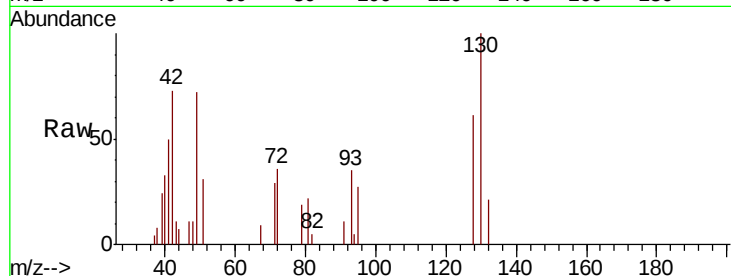




#29
Tetrahydrofuran
Concen: 23.285 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

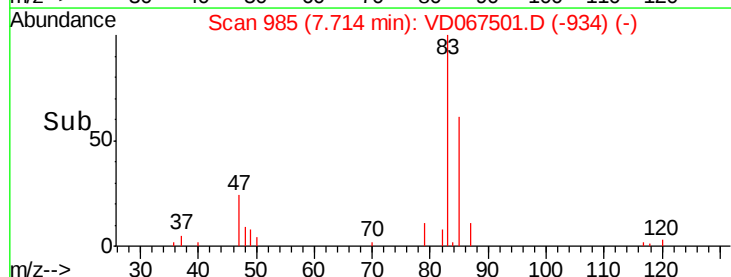
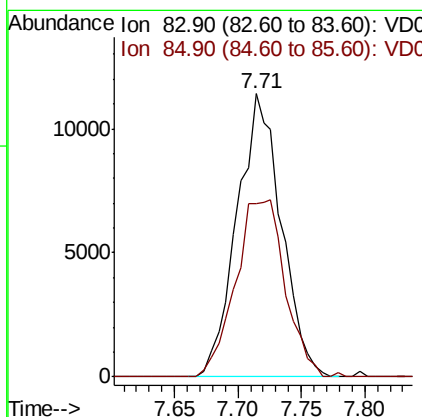
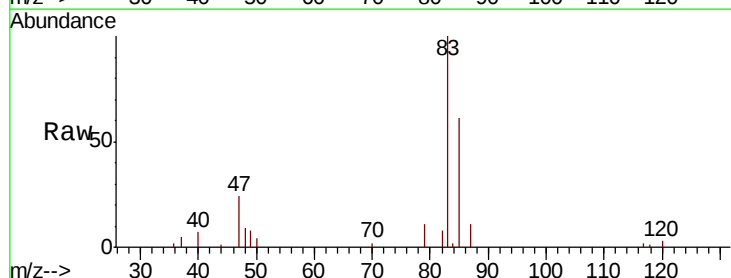
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

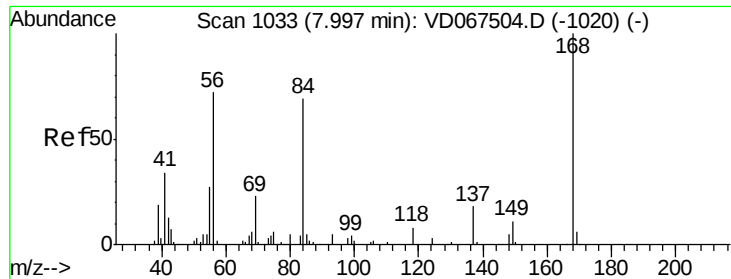
Tot Ion: 42 Resp: 5999
Ion Ratio Lower Upper
42 100
72 67.5 46.3 69.5
71 58.3 44.0 66.0



#30
Chloroform
Concen: 5.283 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 83 Resp: 27609
Ion Ratio Lower Upper
83 100
85 61.2 51.5 77.3

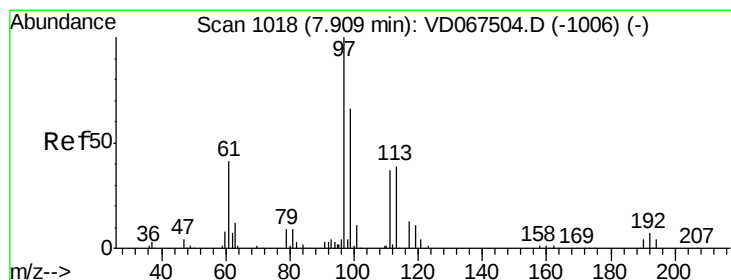
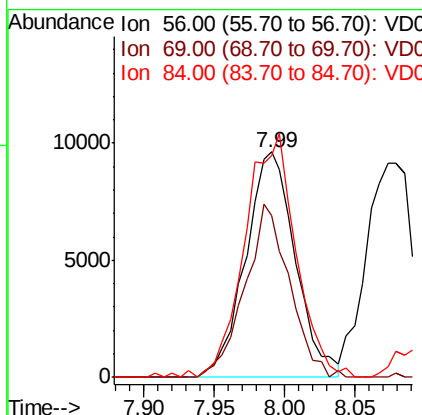
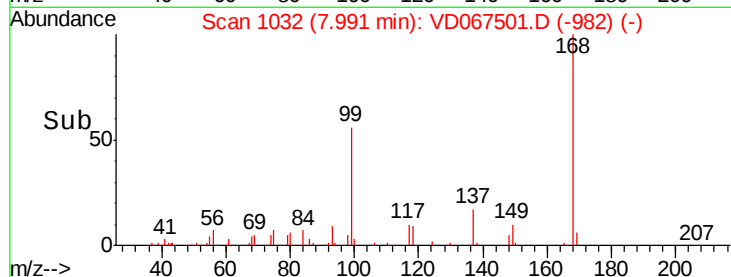
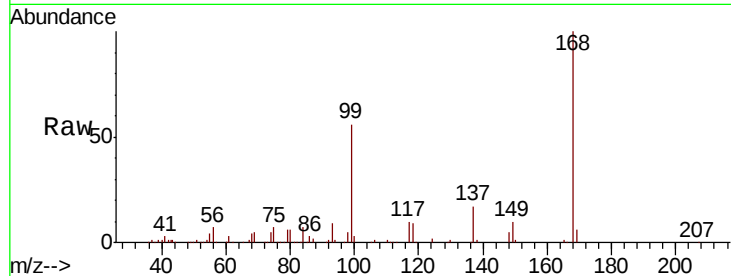




#31
Cyclohexane
Concen: 6.116 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

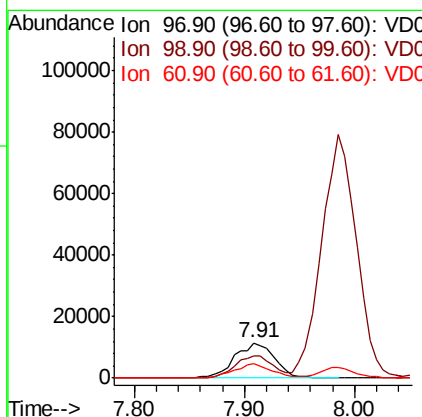
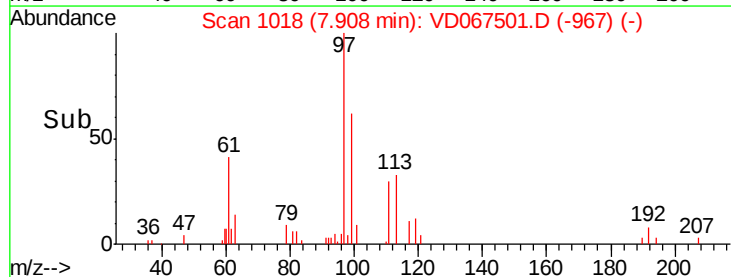
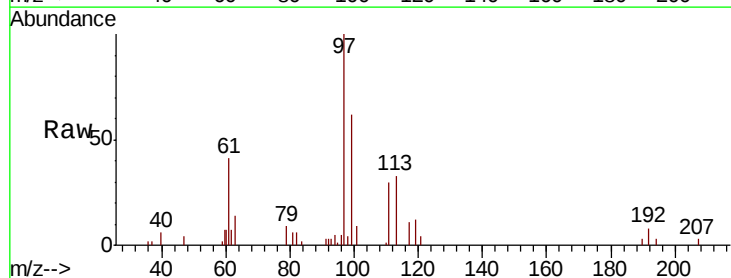
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

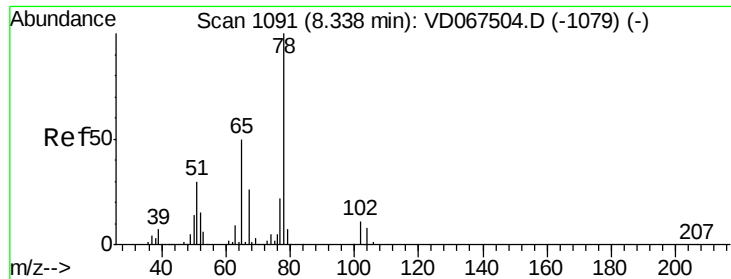
Tot Ion: 56 Resp: 23859
Ion Ratio Lower Upper
56 100
69 71.4 25.9 38.9#
84 96.0 76.2 114.4



#32
1,1,1-Trichloroethane
Concen: 5.385 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 97 Resp: 29040
Ion Ratio Lower Upper
97 100
99 62.4 51.8 77.6
61 40.1 30.5 45.7

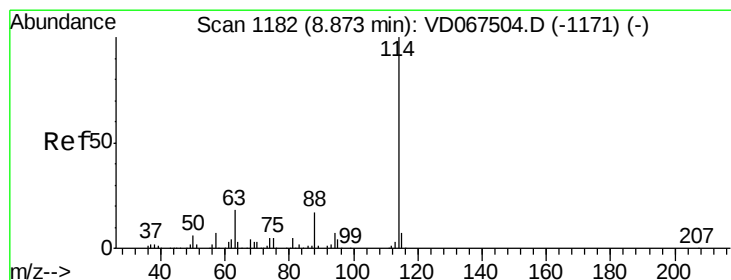
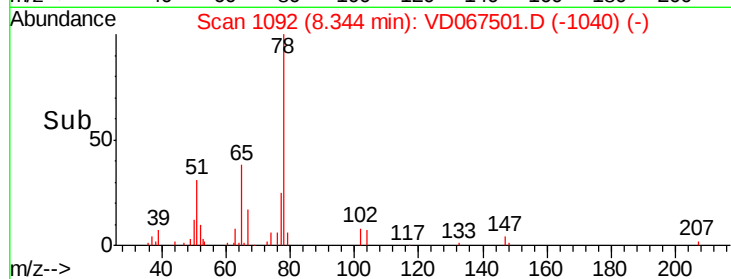
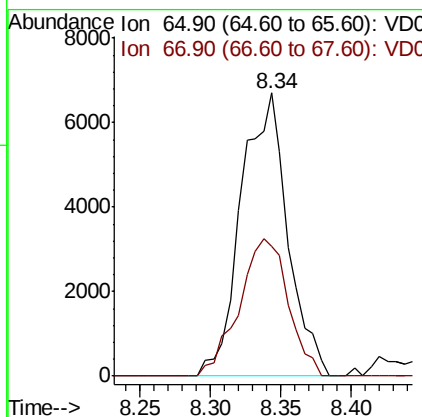
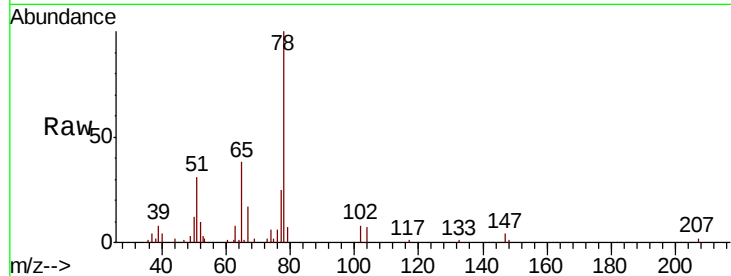




#33
 1,2-Dichloroethane-d4
 Concen: 5.772 ug/l
 RT: 8.34 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

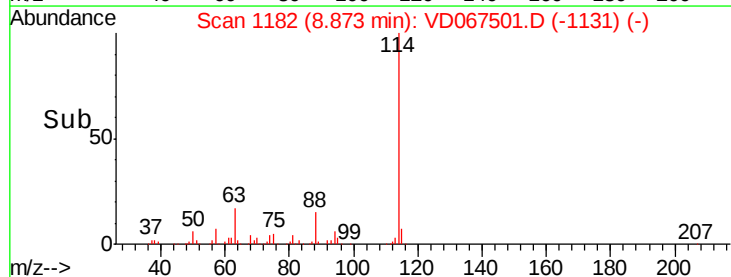
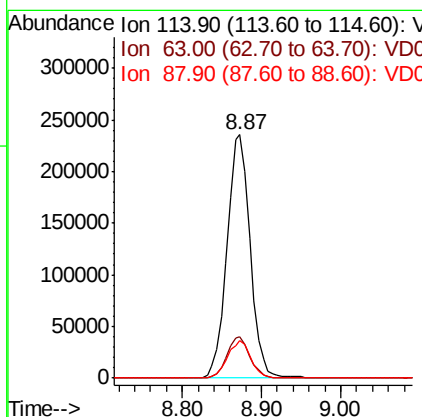
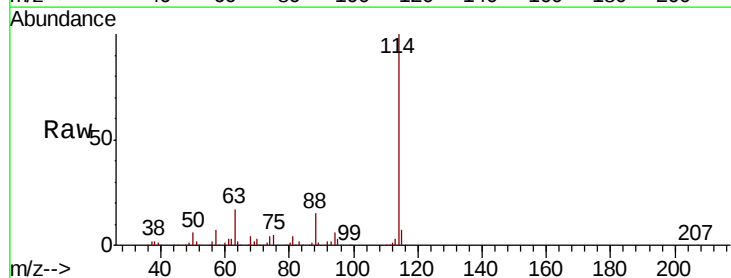
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

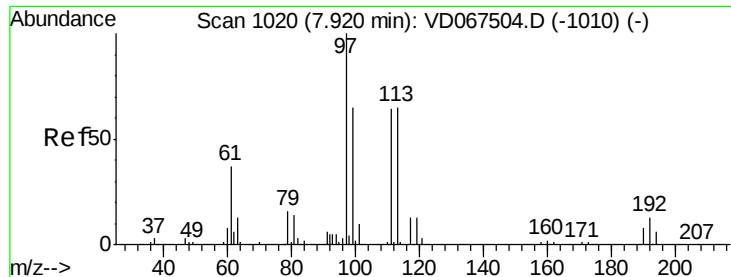
Tot Ion: 65 Resp: 15525
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

Tgt Ion: 114 Resp: 474764
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 15.4 0.0 33.0

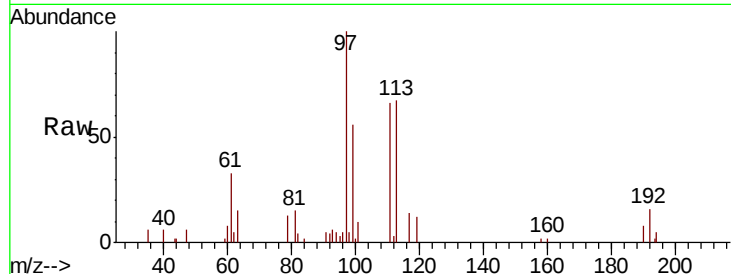




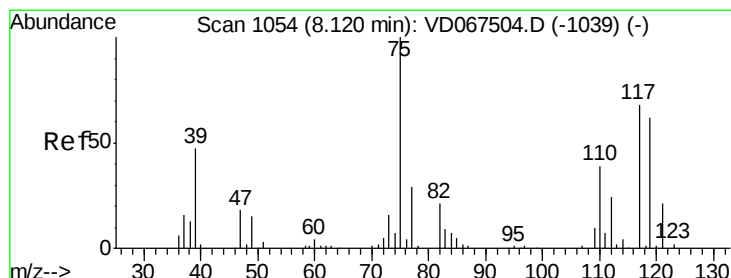
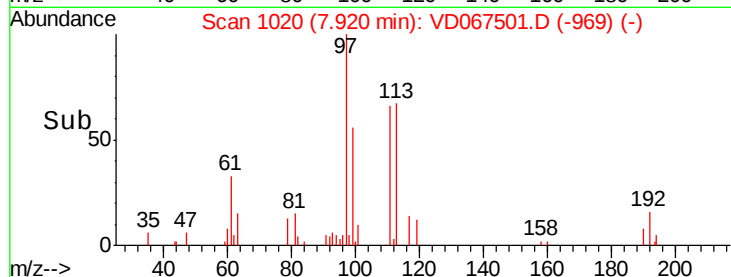
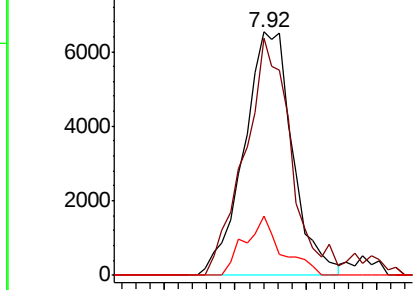
#35
Dibromofluoromethane
Concen: 5.501 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:113 Resp: 15734
Ion Ratio Lower Upper
113 100
111 93.5 80.0 120.0
192 18.4 16.3 24.5

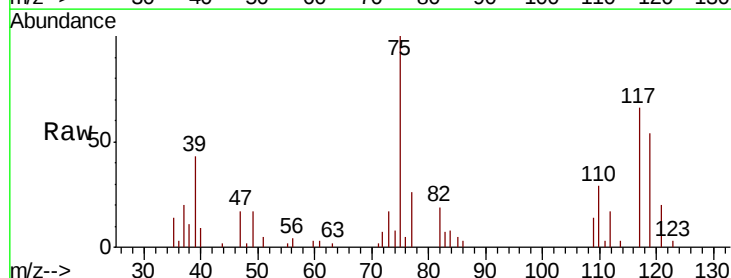


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

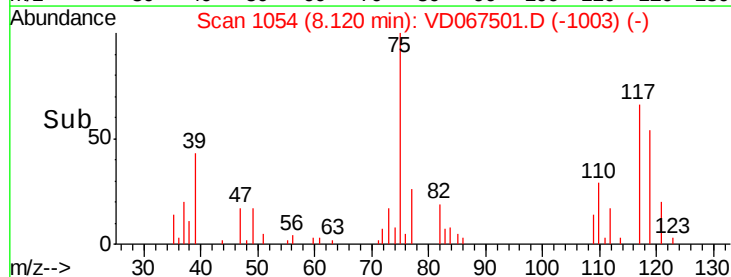
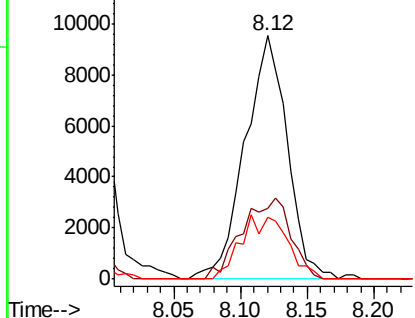


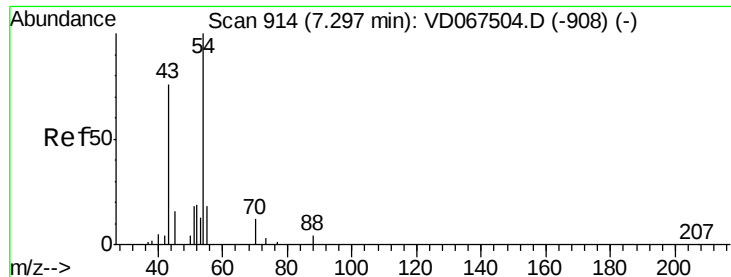
#36
1,1-Dichloropropene
Concen: 5.151 ug/l
RT: 8.12 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 75 Resp: 20934
Ion Ratio Lower Upper
75 100
110 38.8 19.9 59.7
77 28.8 24.8 37.2



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

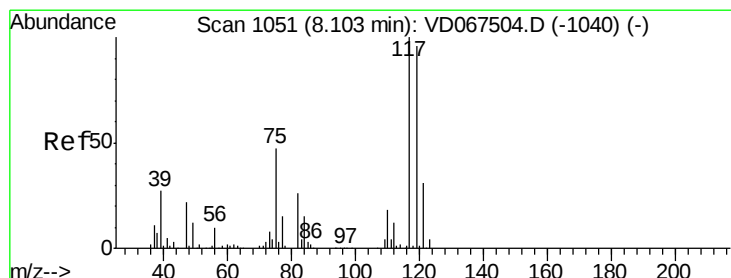
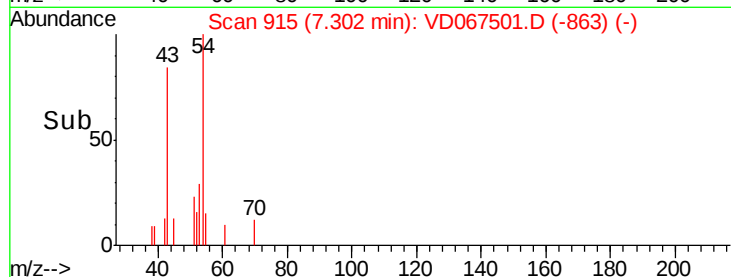
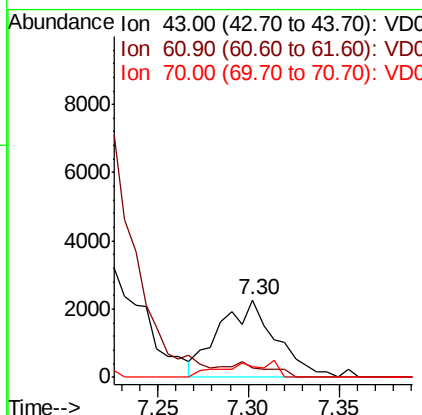
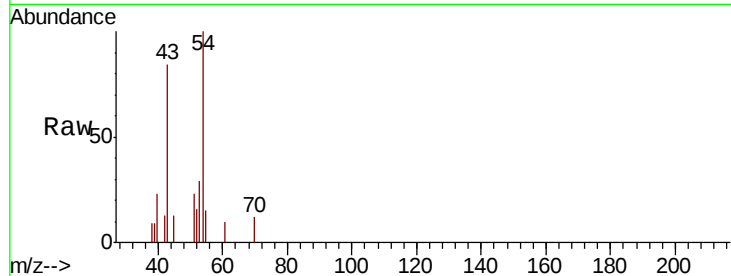




#37
Ethyl Acetate
Concen: 4.632 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

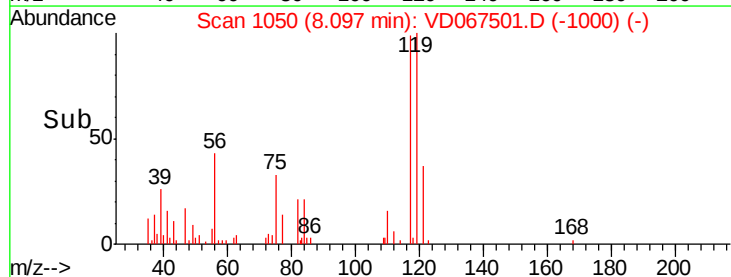
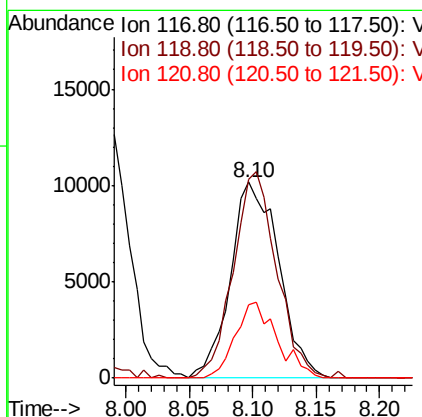
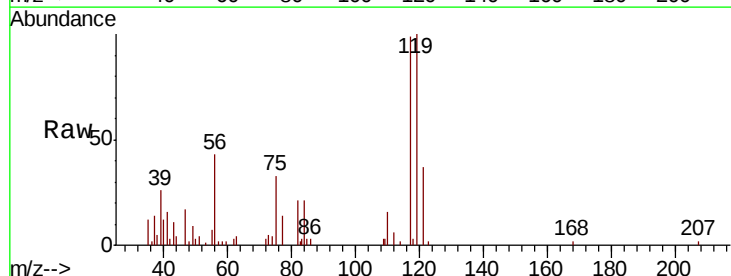
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

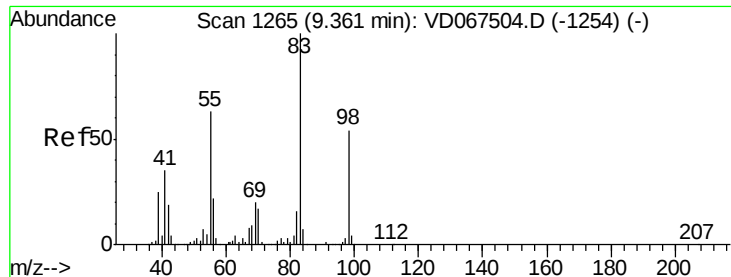
Tot Ion: 43 Resp: 4887
Ion Ratio Lower Upper
43 100
61 12.7 12.8 19.2#
70 17.5 11.7 17.5#



#38
Carbon Tetrachloride
Concen: 5.103 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 117 Resp: 26942
Ion Ratio Lower Upper
117 100
119 101.4 76.9 115.3
121 37.7 24.5 36.7#

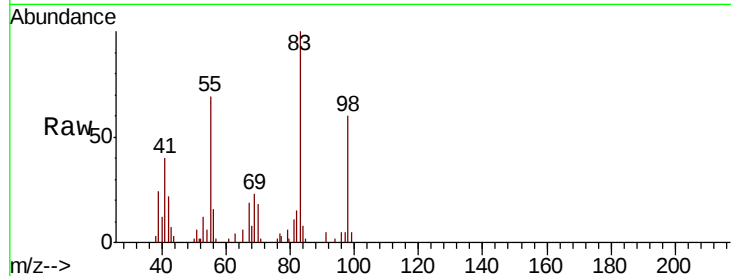




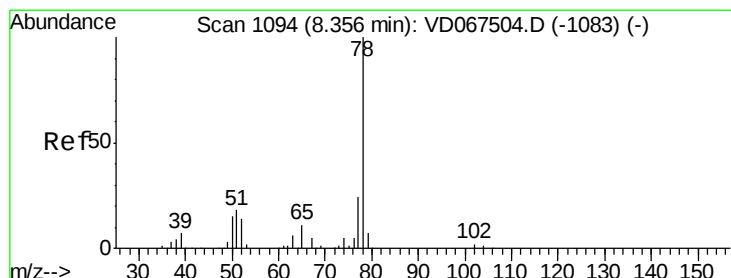
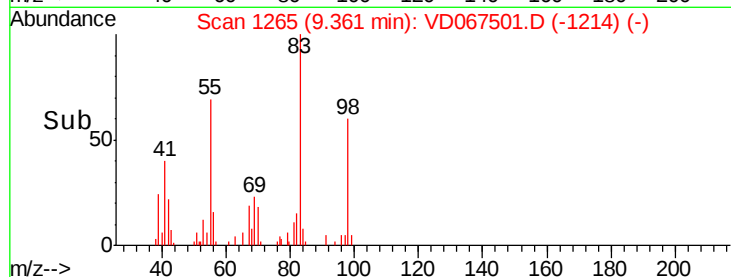
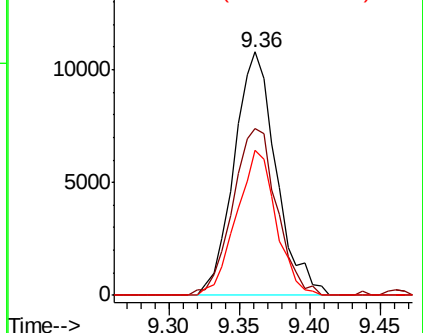
#39
Methvlcvclohexane
Concen: 4.694 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 22450
Ion Ratio Lower Upper
83 100
55 68.6 50.5 75.7
98 59.7 43.4 65.0

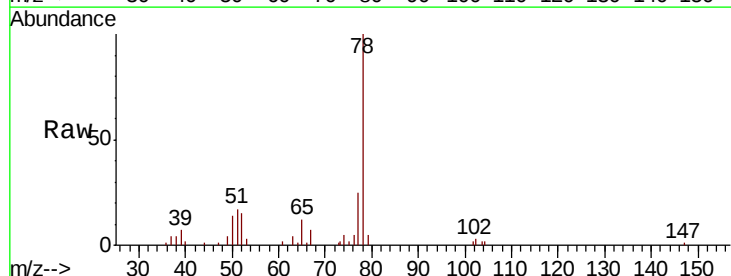


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

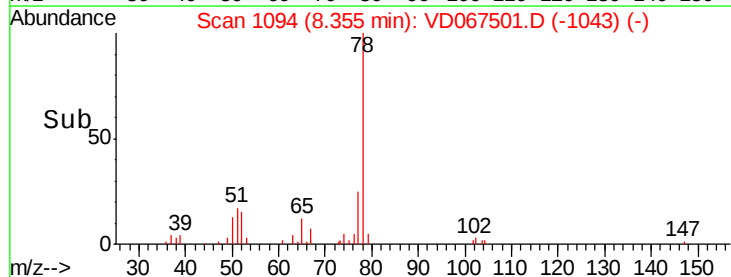
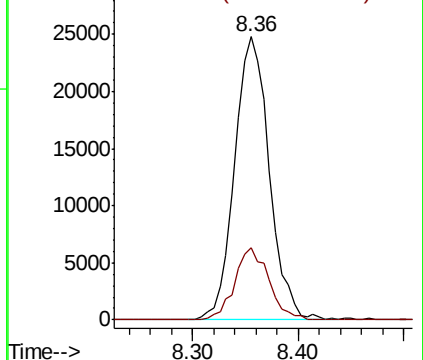


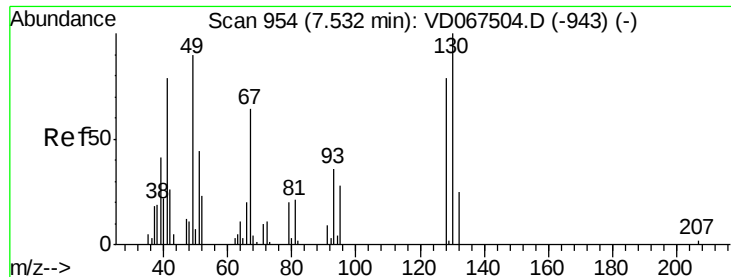
#40
Benzene
Concen: 5.118 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 78 Resp: 56340
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7



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





#41

Methacrylonitrile

Concen: 13.413 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.03 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 7118

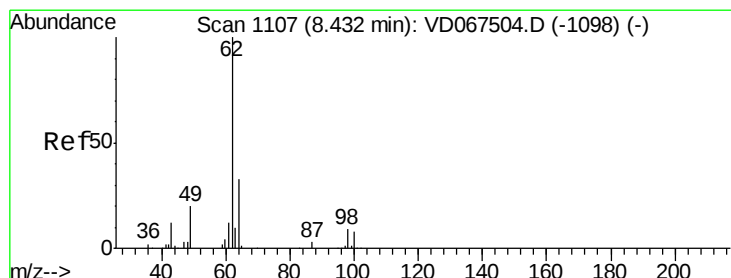
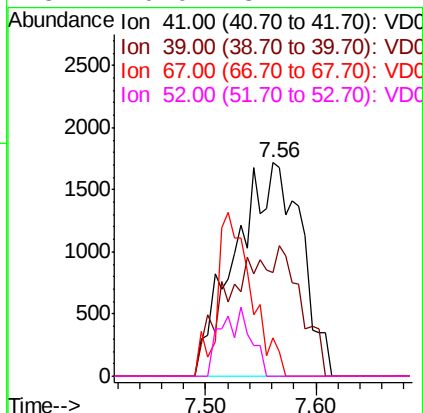
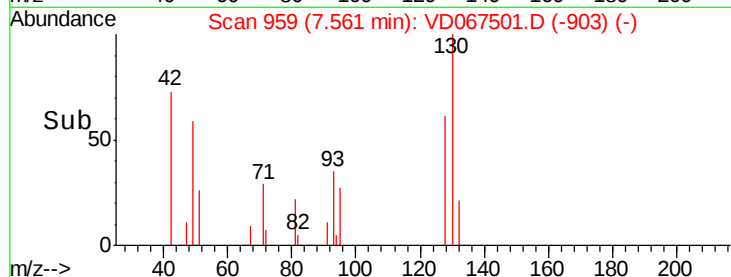
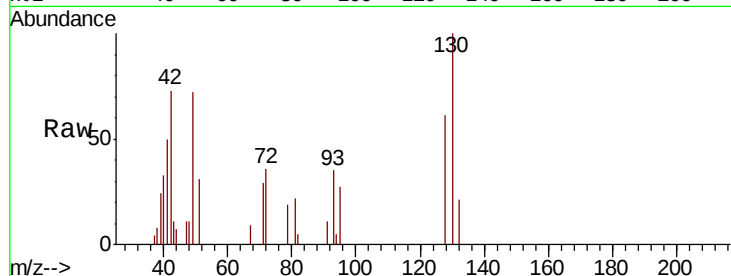
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 0.0 78.9 118.3#

52 0.0 31.4 47.2#



#42

1,2-Dichloroethane

Concen: 5.190 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067501.D

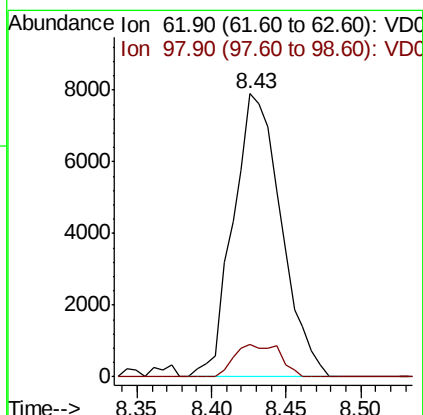
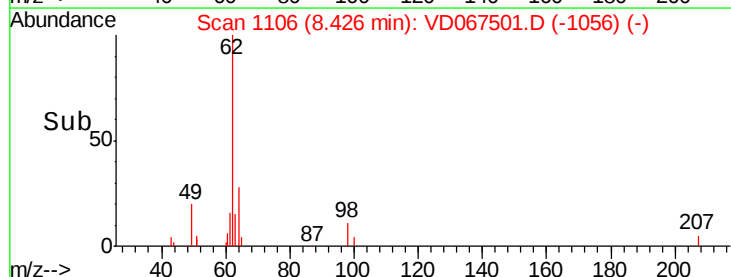
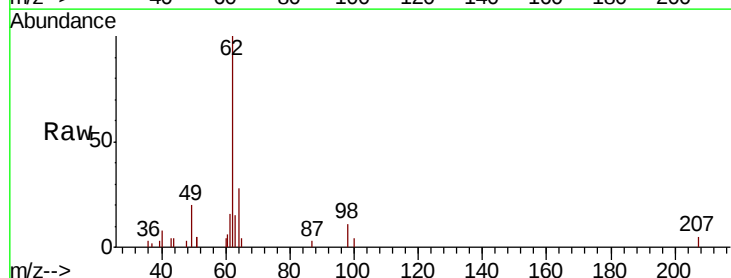
Acq: 03 Nov 2020 10:16

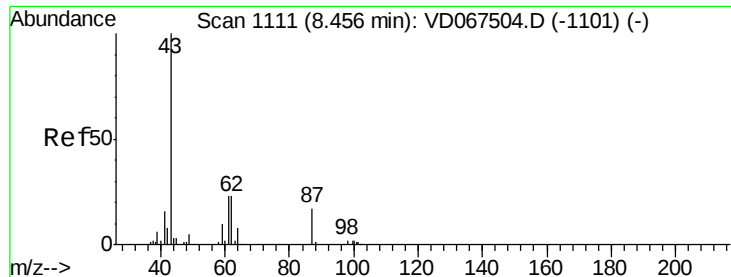
Tgt Ion: 62 Resp: 17652

Ion Ratio Lower Upper

62 100

98 10.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 5.024 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

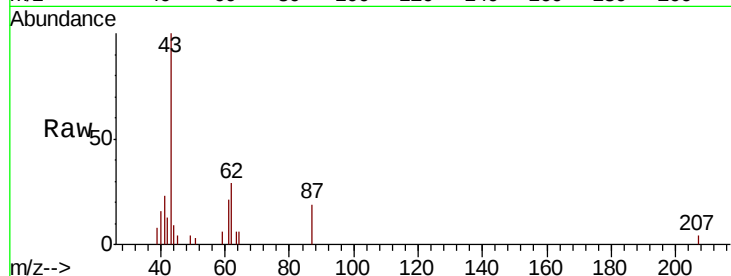
Tot Ion: 43 Resp: 10482

Ion Ratio Lower Upper

43 100

61 31.4 30.5 45.7

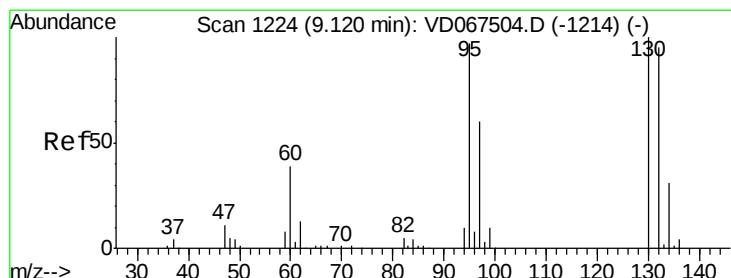
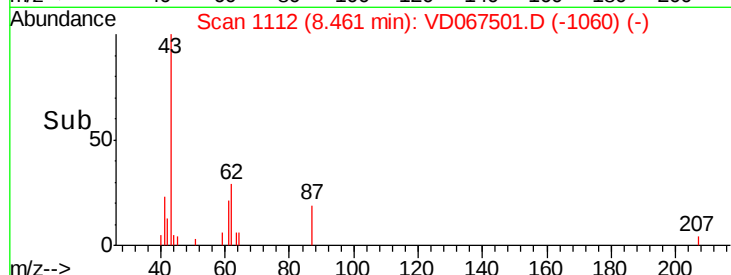
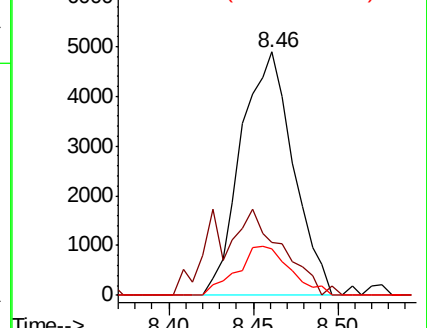
87 20.7 14.7 22.1



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: 5.506 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067501.D

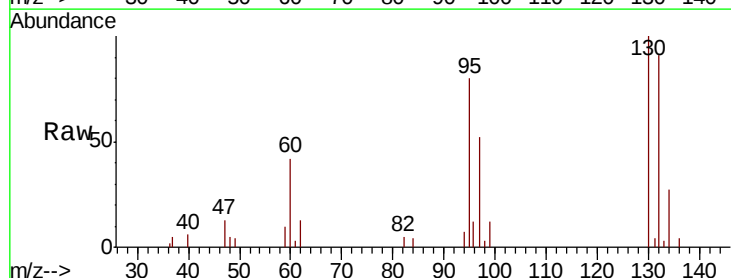
Acq: 03 Nov 2020 10:16

Tgt Ion: 130 Resp: 19929

Ion Ratio Lower Upper

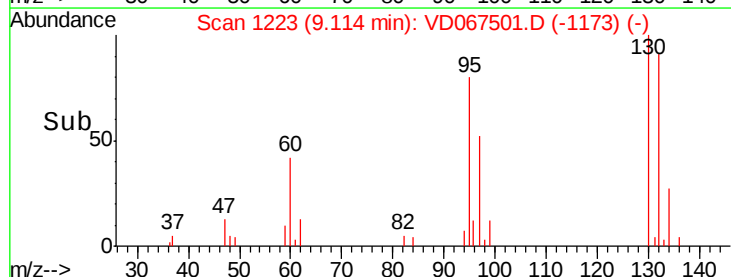
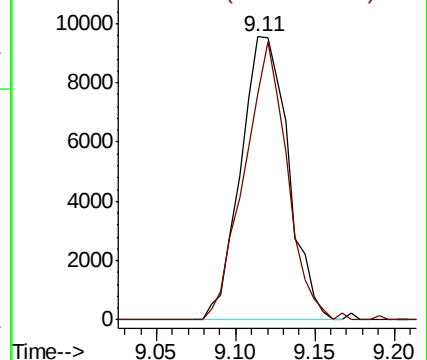
130 100

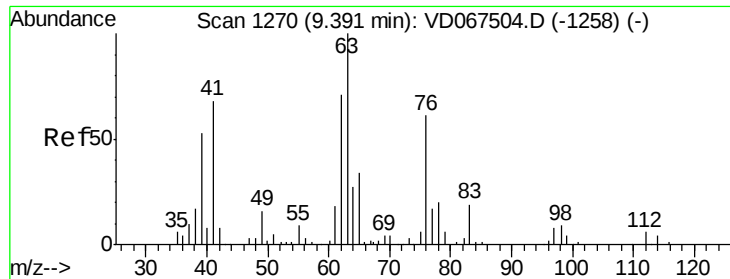
95 79.8 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

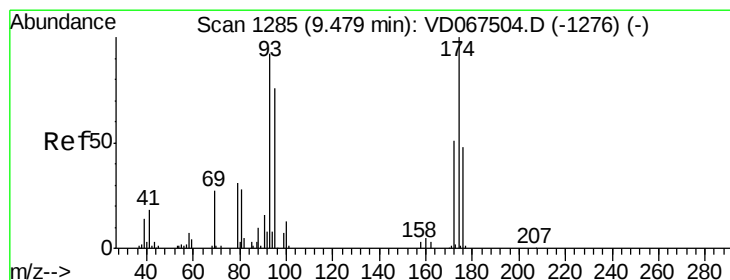
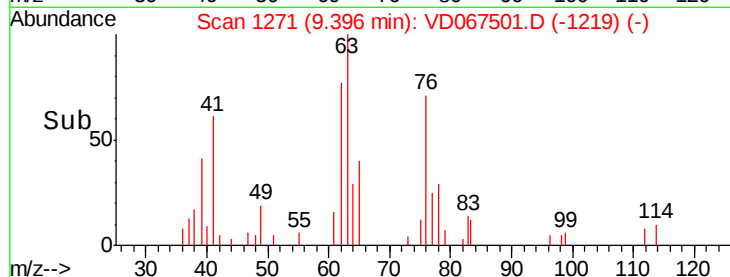
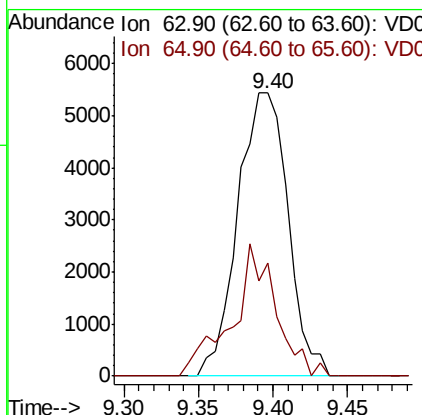
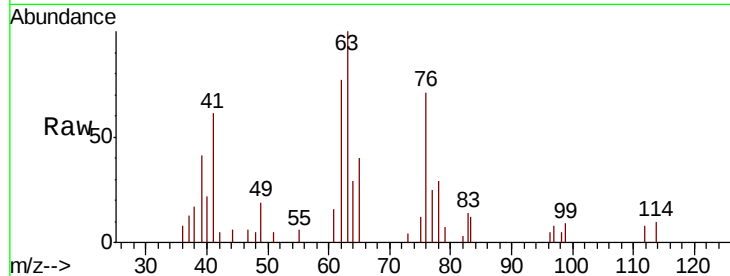




#45
 1,2-Dichloropropane
 Concen: 5.326 ug/l
 RT: 9.40 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

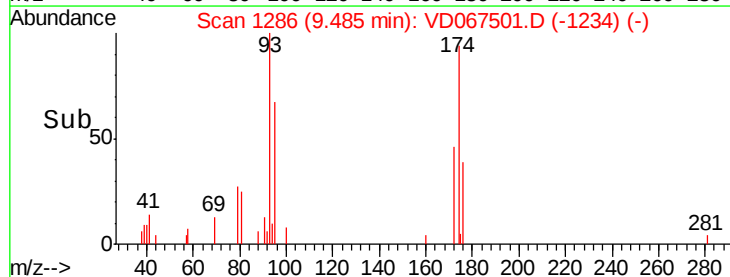
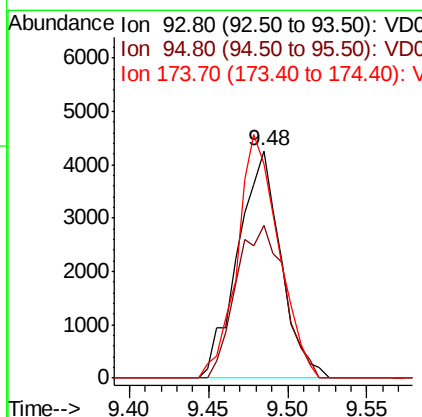
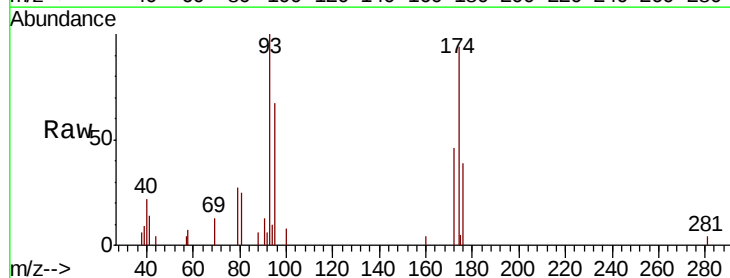
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

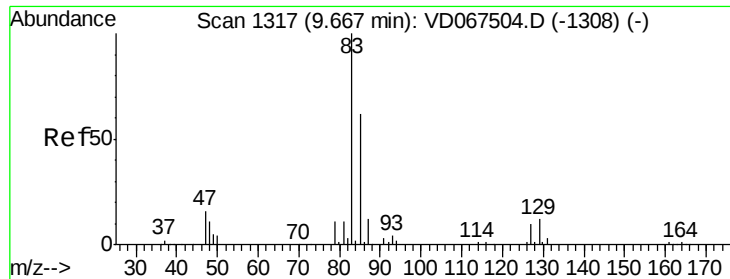
Tot Ion: 63 Resp: 12675
 Ion Ratio Lower Upper
 63 100
 65 39.9 26.9 40.3



#46
 Dibromomethane
 Concen: 5.300 ug/l
 RT: 9.48 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

Tgt Ion: 93 Resp: 8021
 Ion Ratio Lower Upper
 93 100
 95 76.2 66.4 99.6
 174 103.0 88.2 132.4

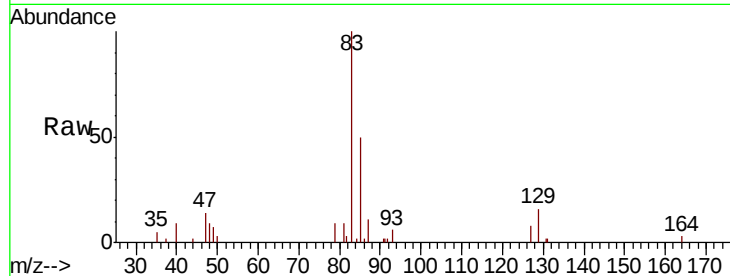




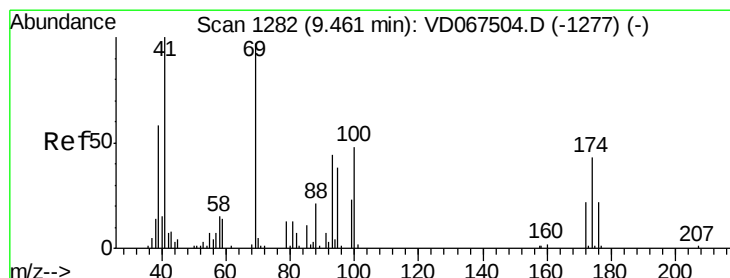
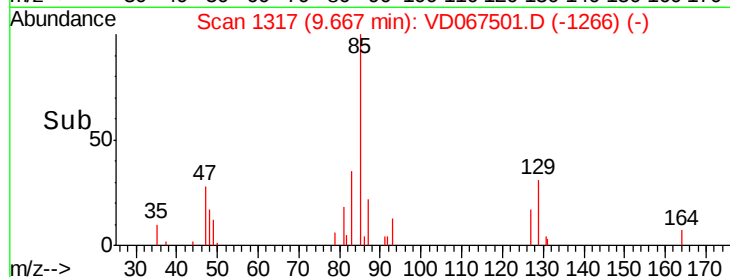
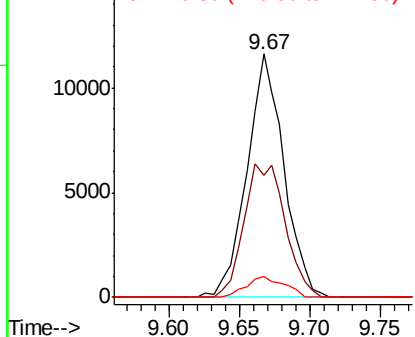
#47
Bromodichloromethane
Concen: 5.174 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 21281
Ion Ratio Lower Upper
83 100
85 50.0 49.4 74.2
127 8.5 7.7 11.5

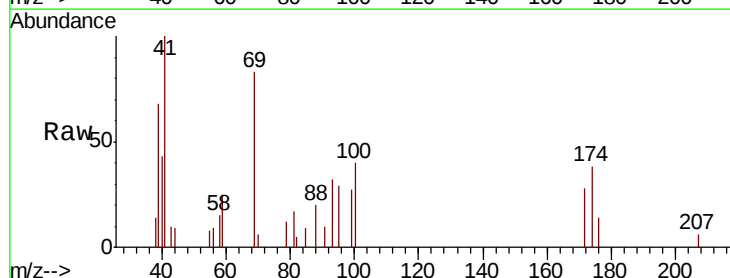


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

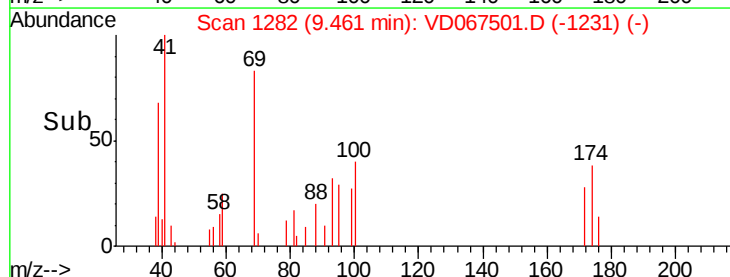
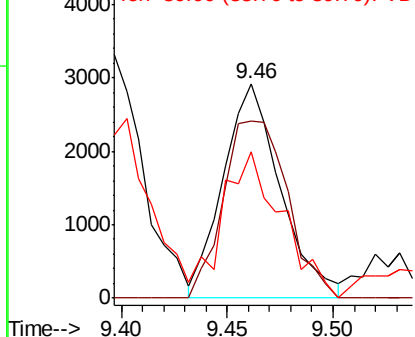


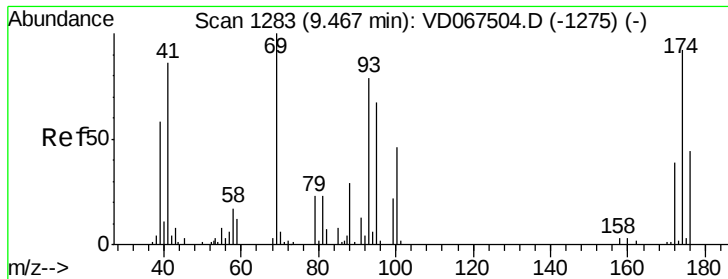
#48
Methyl methacrylate
Concen: 5.113 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 41 Resp: 5509
Ion Ratio Lower Upper
41 100
69 92.8 80.6 121.0
39 70.3 50.2 75.4



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: 91.196 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

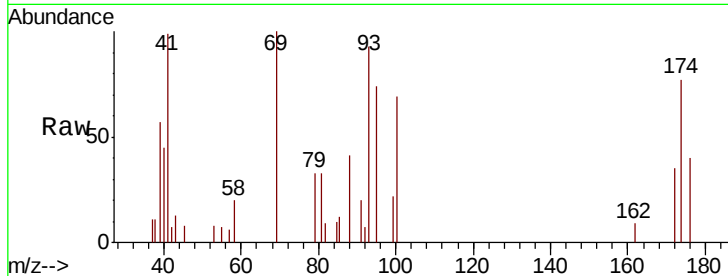
Tot Ion: 88 Resp: 1401

Ion Ratio Lower Upper

88 100

43 19.8 23.6 35.4#

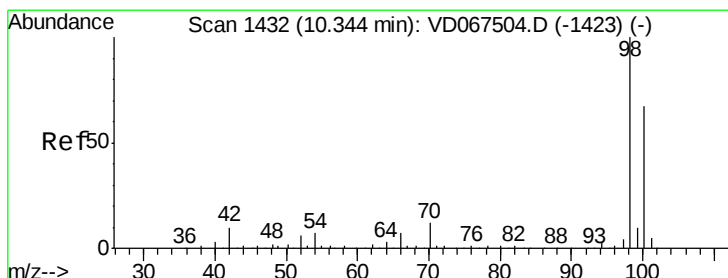
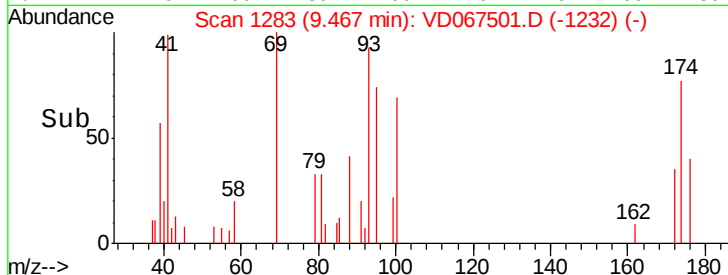
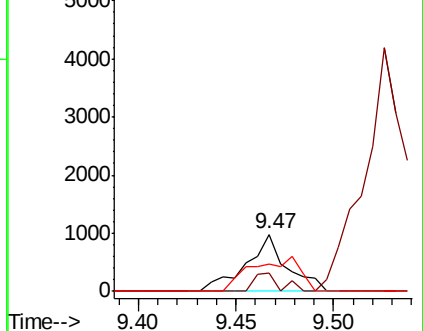
58 72.4 44.7 67.1#



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: 5.281 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067501.D

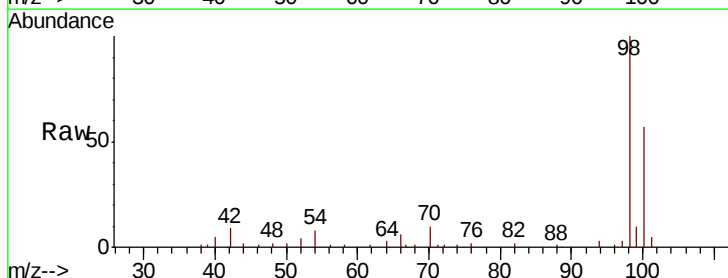
Acq: 03 Nov 2020 10:16

Tgt Ion: 98 Resp: 53090

Ion Ratio Lower Upper

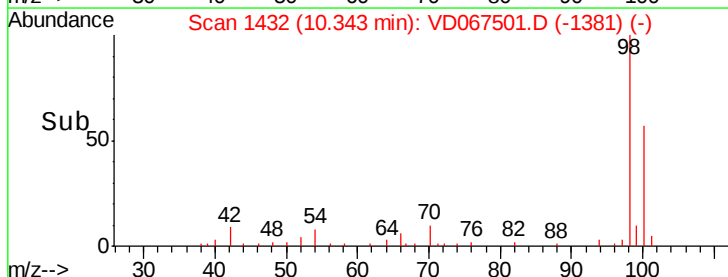
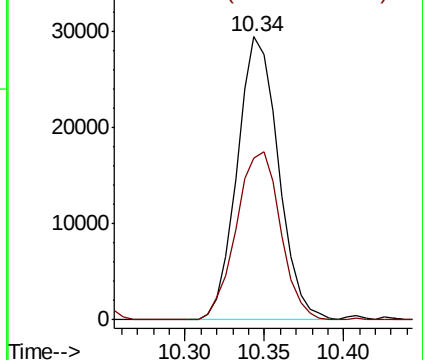
98 100

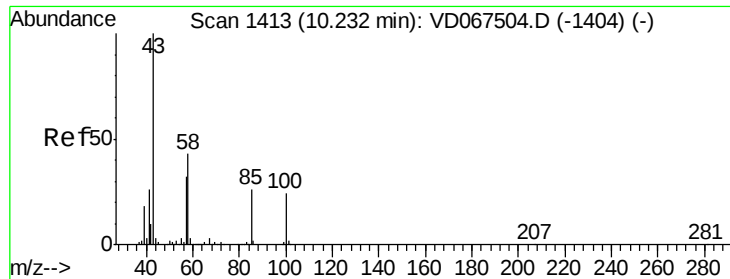
100 63.7 53.0 79.6



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: 23.984 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

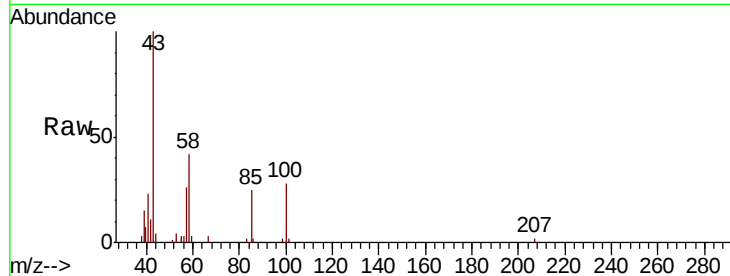
VSTDIC005

Tot Ion: 43 Resp: 23934

Ion Ratio Lower Upper

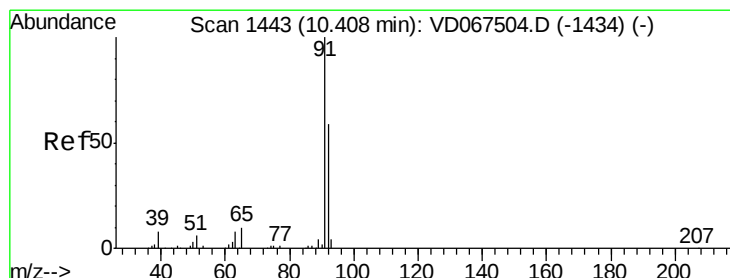
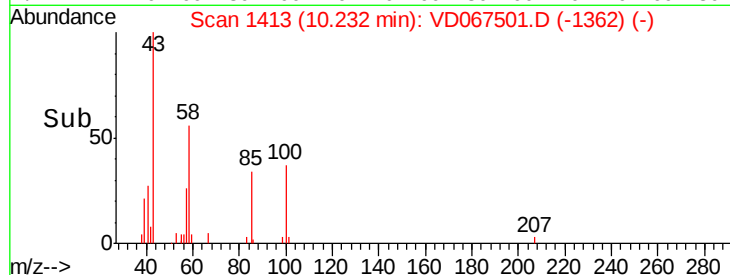
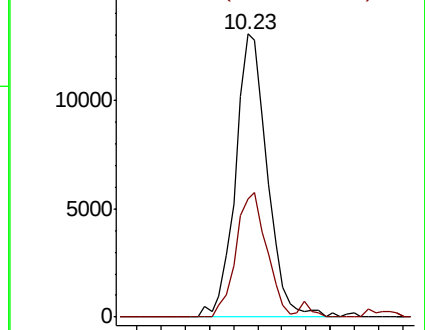
43 100

58 42.6 35.6 53.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 4.867 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067501.D

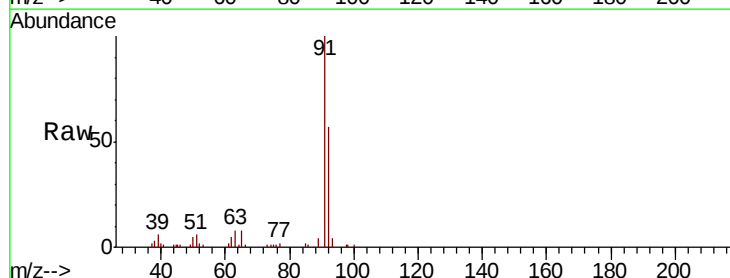
Acq: 03 Nov 2020 10:16

Tgt Ion: 92 Resp: 35889

Ion Ratio Lower Upper

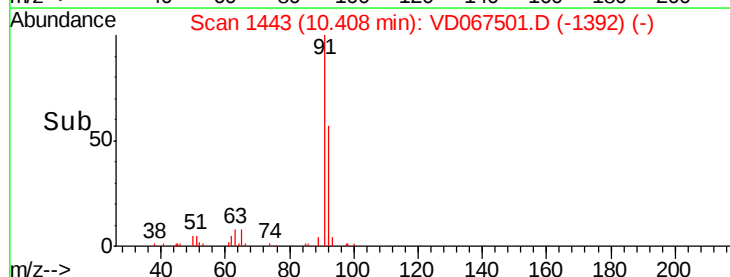
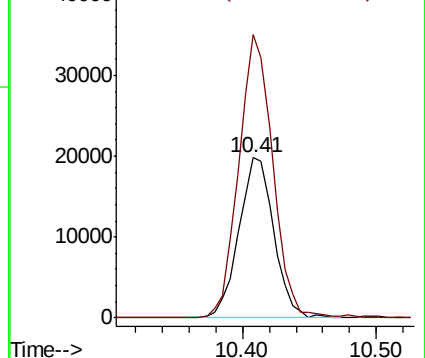
92 100

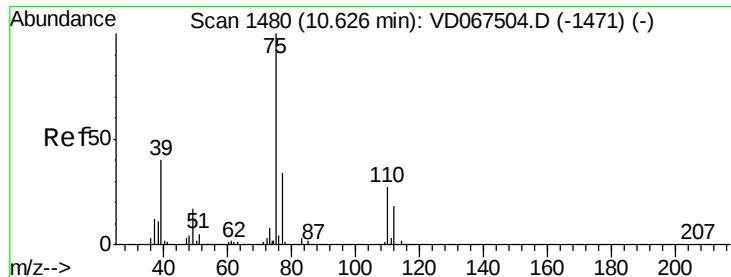
91 171.6 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 4.749 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

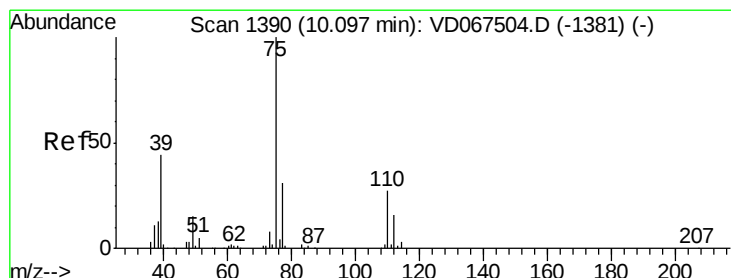
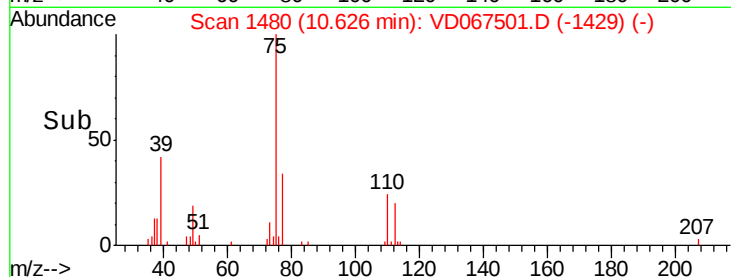
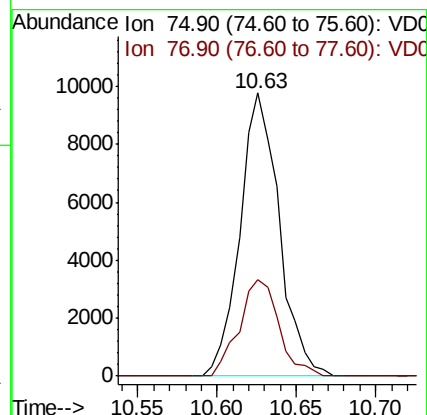
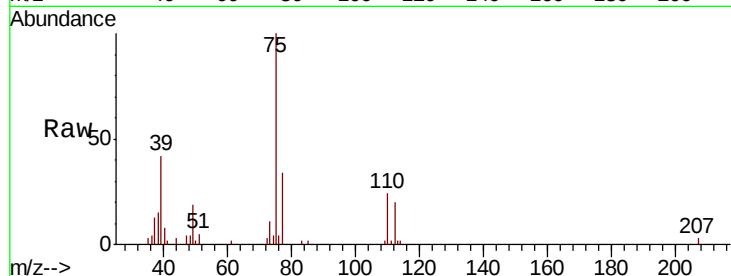
VSTDIC005

Tot Ion: 75 Resp: 16731

Ion Ratio Lower Upper

75 100

77 34.0 27.0 40.6



#54

cis-1,3-Dichloropropene

Concen: 4.979 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

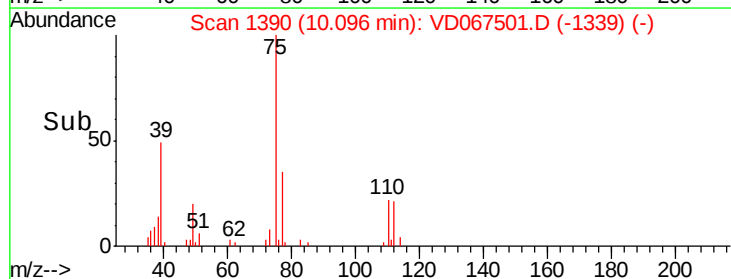
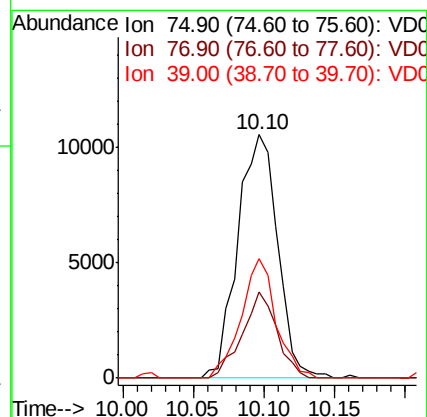
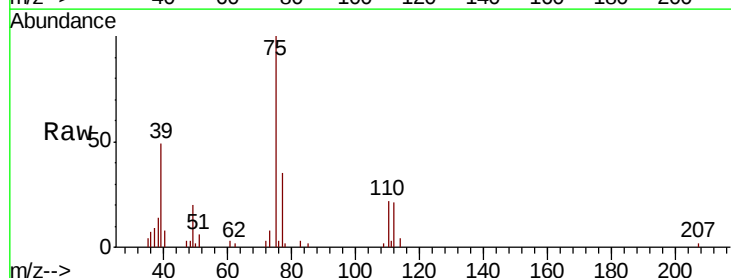
Tgt Ion: 75 Resp: 20838

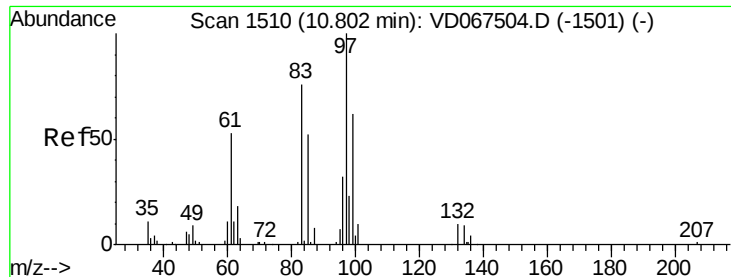
Ion Ratio Lower Upper

75 100

77 35.2 24.4 36.6

39 48.9 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 4.991 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 9993

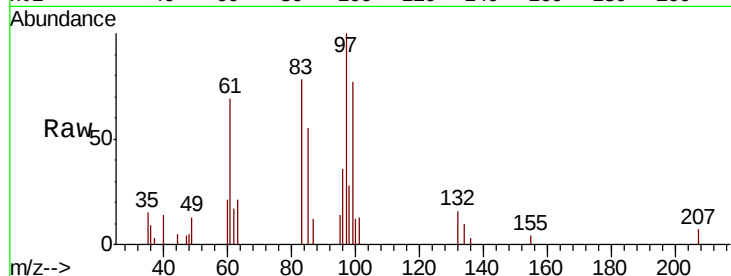
Ion	Ratio	Lower	Upper
97	100		
83	78.3	61.0	91.6
85	55.1	41.5	62.3
99	77.4	49.4	74.2#

97 100

83 78.3 61.0 91.6

85 55.1 41.5 62.3

99 77.4 49.4 74.2#



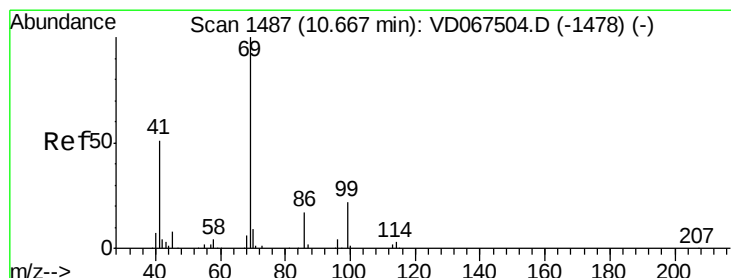
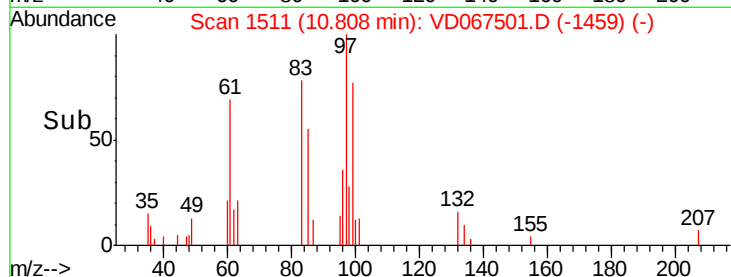
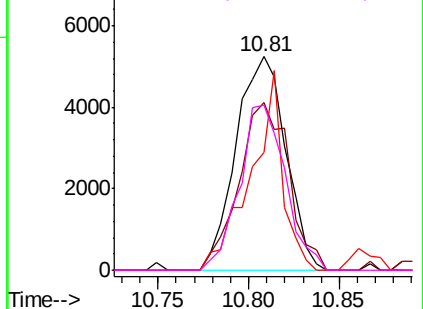
Abundance

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: 4.433 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

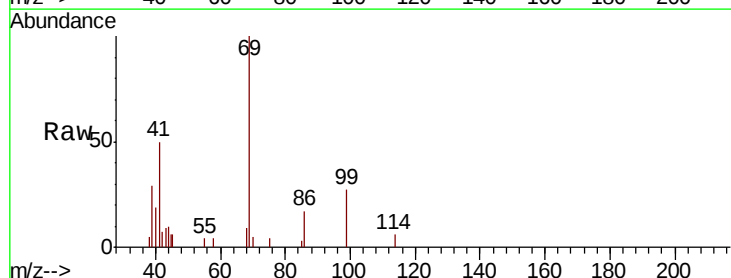
Tgt Ion: 69 Resp: 9165

Ion	Ratio	Lower	Upper
69	100		
41	56.1	45.4	68.0
39	32.1	27.4	41.0

69 100

41 56.1 45.4 68.0

39 32.1 27.4 41.0

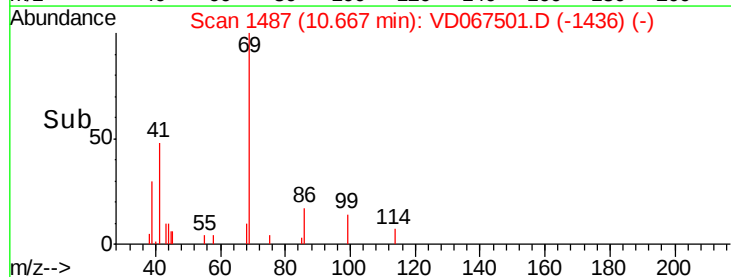
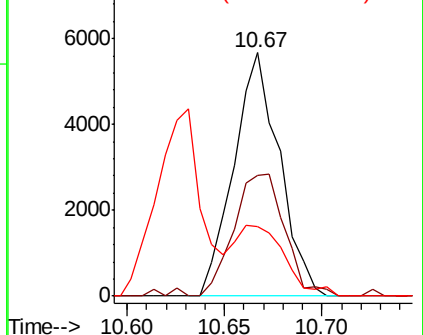


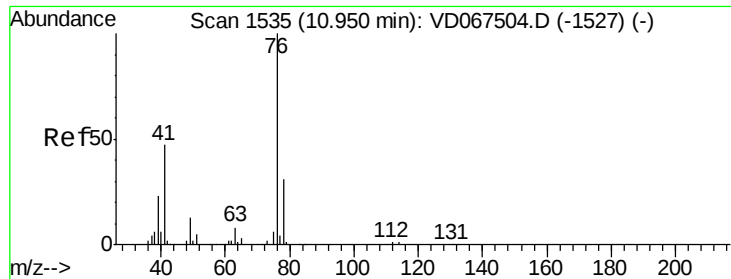
Abundance

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: 5.013 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

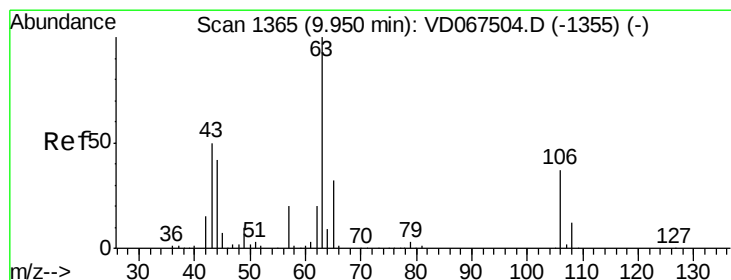
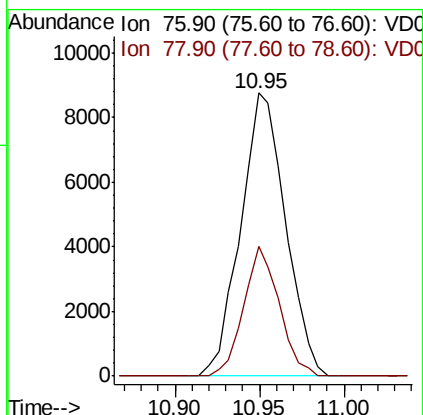
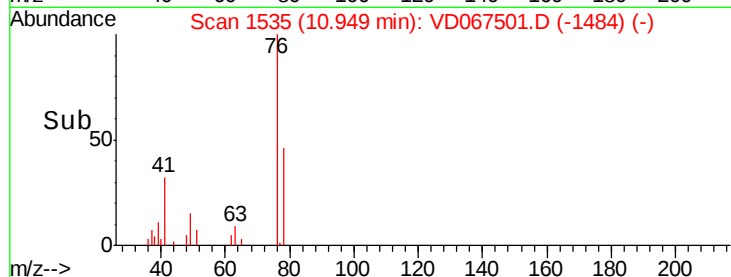
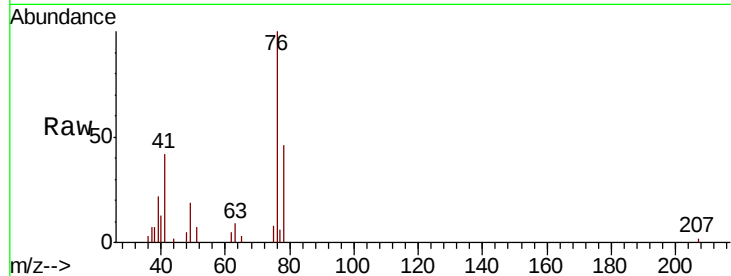
VSTDIC005

Tot Ion: 76 Resp: 16152

Ion Ratio Lower Upper

76 100

78 36.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 25.543 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD067501.D

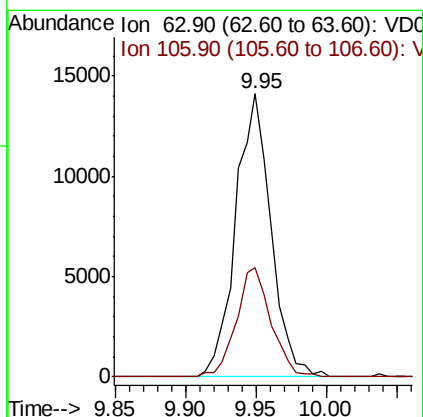
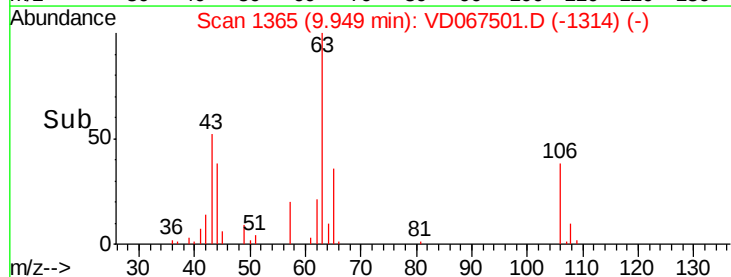
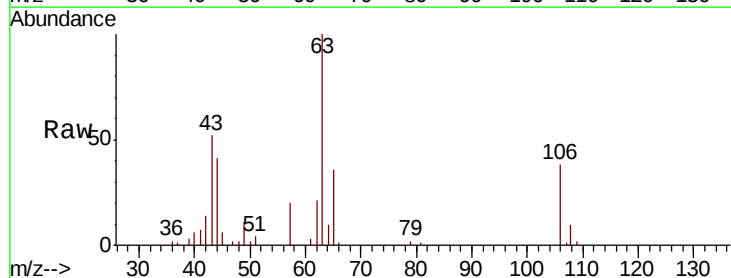
Acq: 03 Nov 2020 10:16

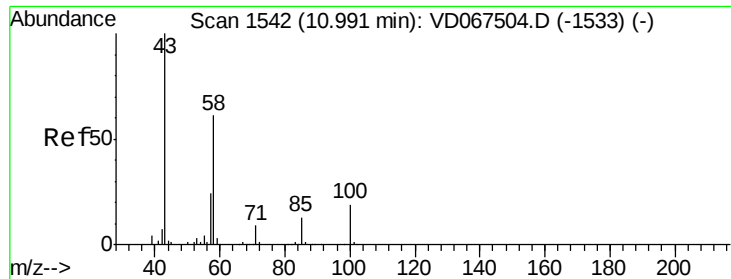
Tgt Ion: 63 Resp: 24629

Ion Ratio Lower Upper

63 100

106 38.0 29.2 43.8

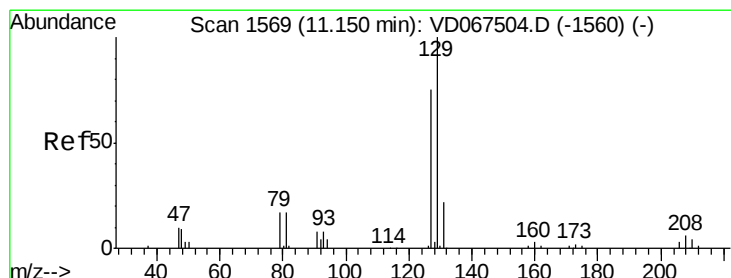
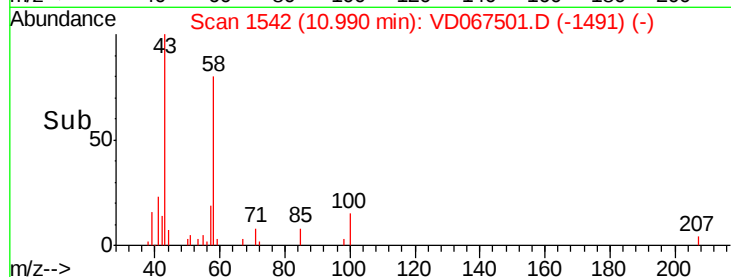
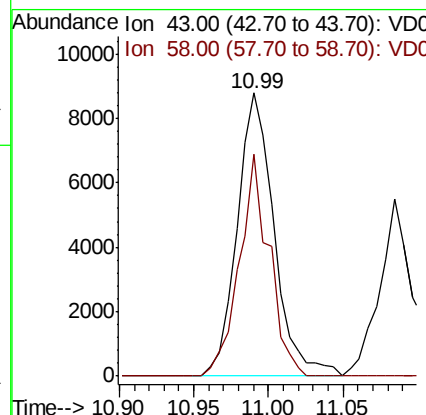
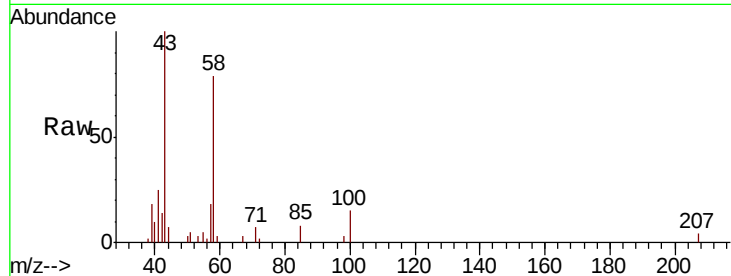




#59
2-Hexanone
Concen: 21.678 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

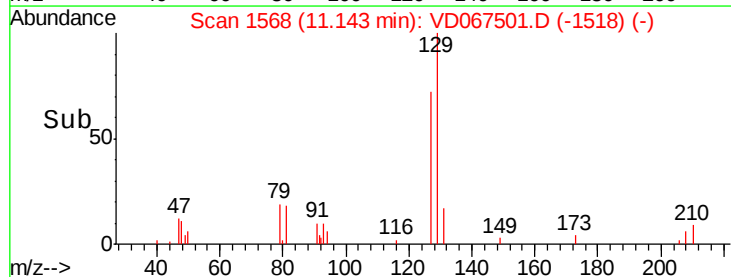
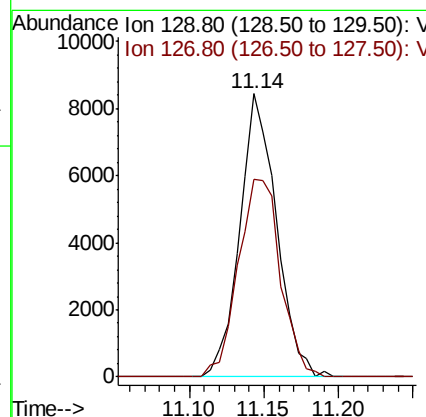
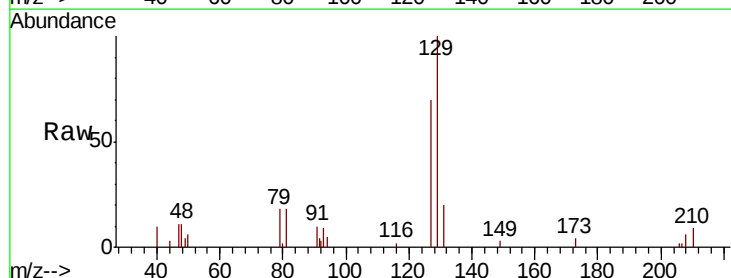
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

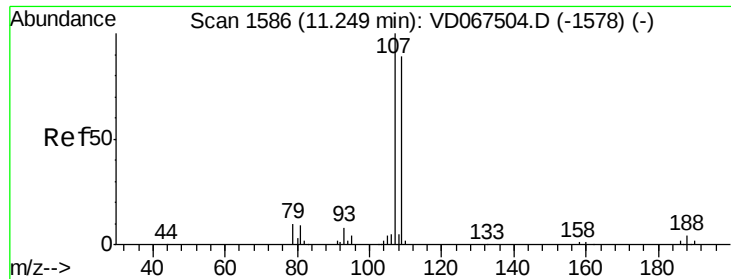
Tot Ion: 43 Resp: 15126
Ion Ratio Lower Upper
43 100
58 63.6 30.3 90.9



#60
Dibromochloromethane
Concen: 4.855 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 129 Resp: 14381
Ion Ratio Lower Upper
129 100
127 80.3 38.0 114.1

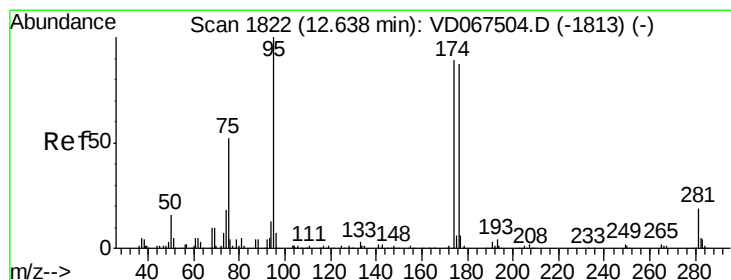
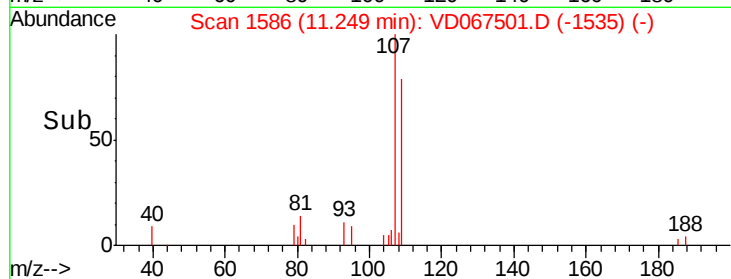
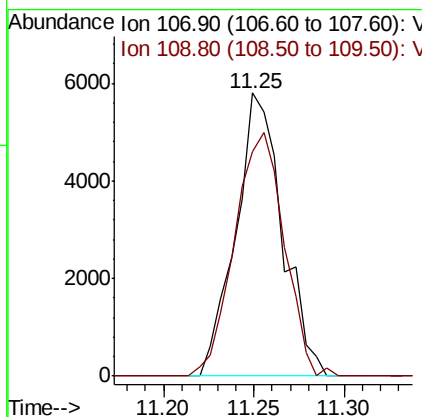
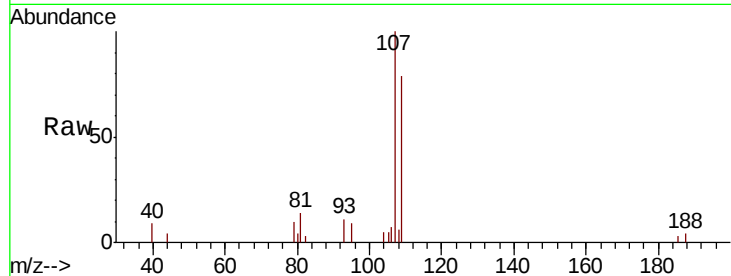




#61
 1,2-Dibromoethane
 Concen: 5.169 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

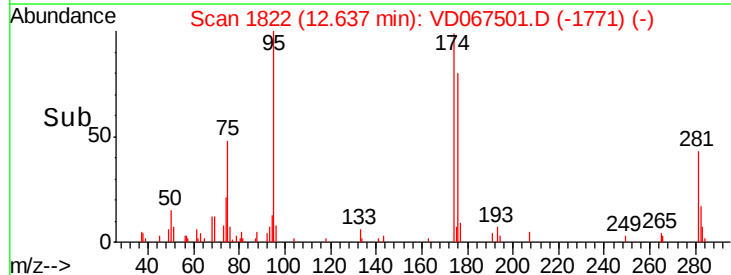
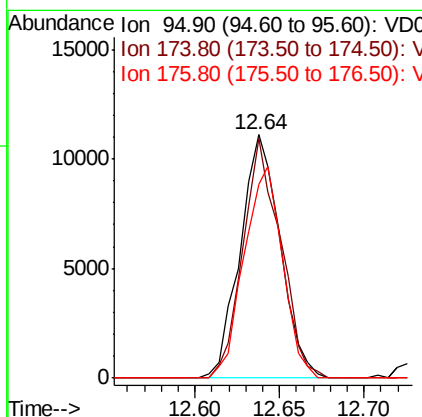
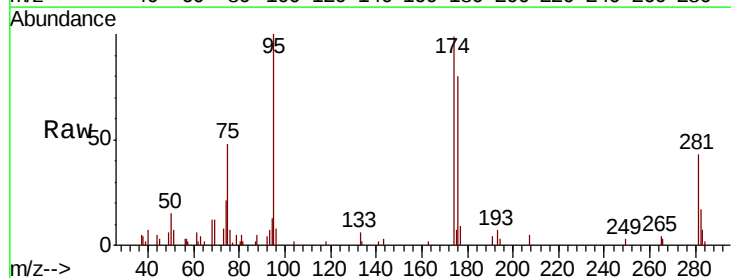
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

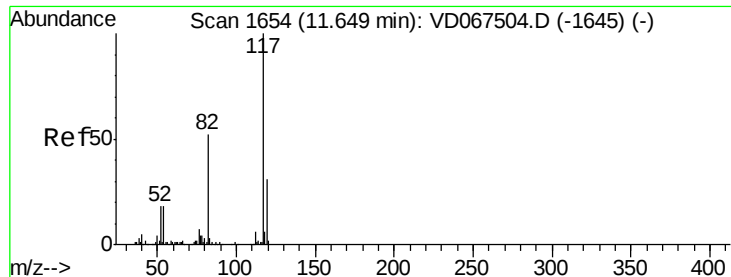
Tot Ion: 107 Resp: 10387
 Ion Ratio Lower Upper
 107 100
 109 91.6 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 5.278 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

Tgt Ion: 95 Resp: 18319
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 177.8
 176 83.6 0.0 172.0

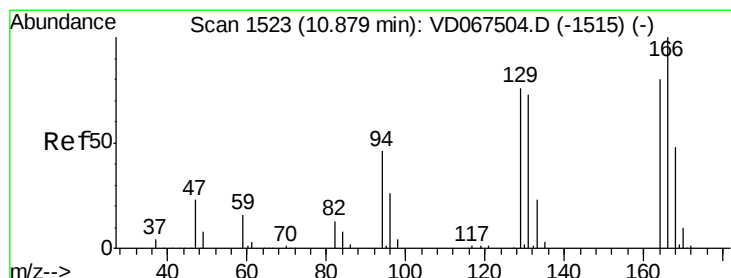
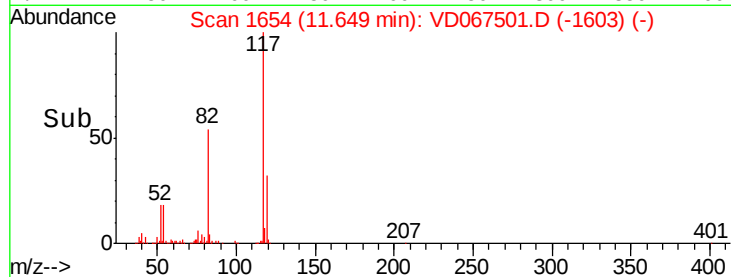
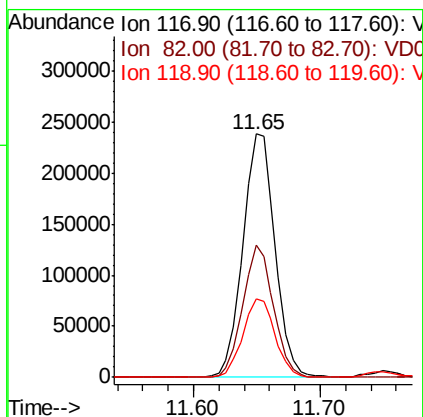
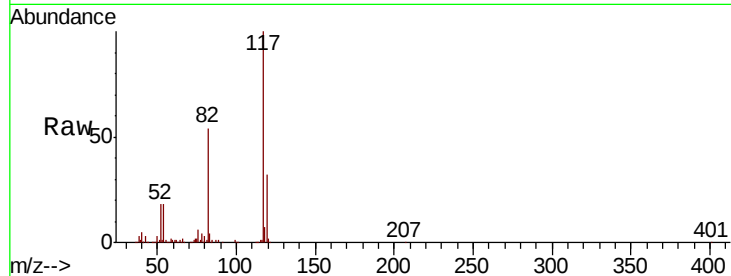




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

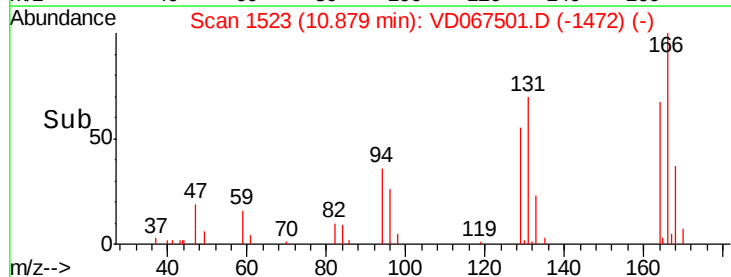
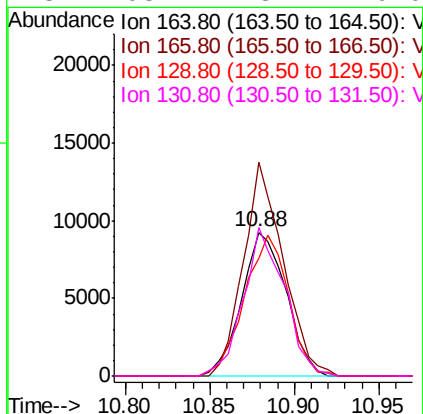
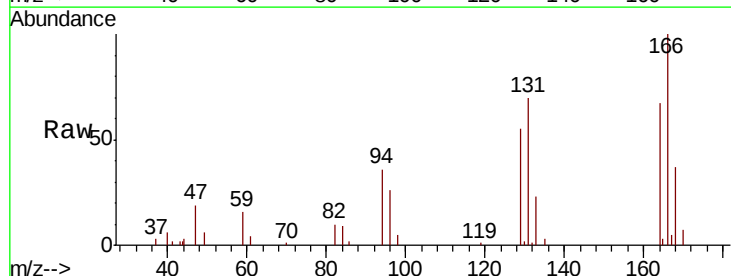
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

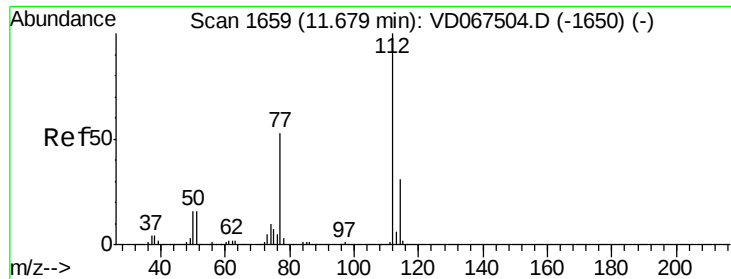
Tot Ion:117 Resp: 419767
Ion Ratio Lower Upper
117 100
82 54.3 41.6 62.4
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 5.442 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion:164 Resp: 16919
Ion Ratio Lower Upper
164 100
166 148.7 99.9 149.9
129 82.2 75.5 113.3
131 103.4 73.4 110.0

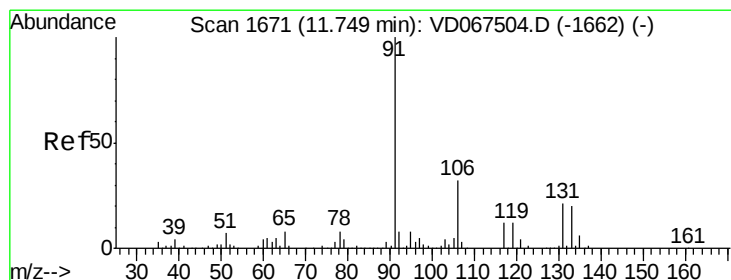
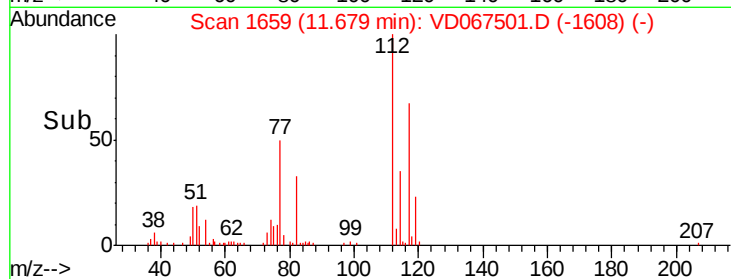
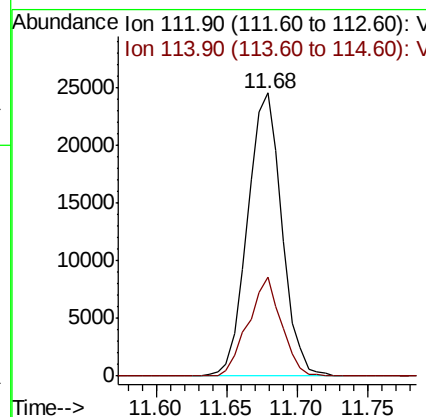
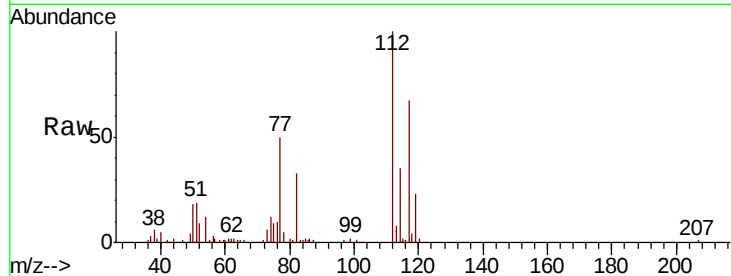




#65
Chlorobenzene
Concen: 5.175 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

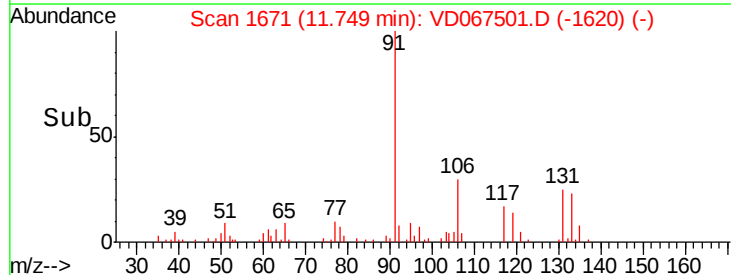
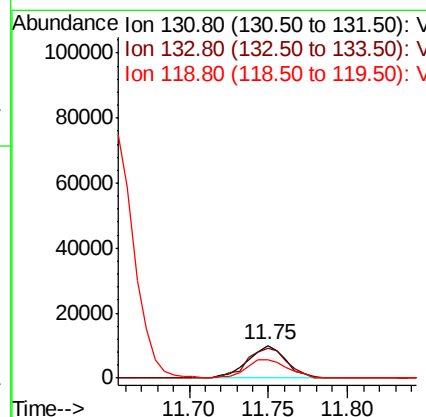
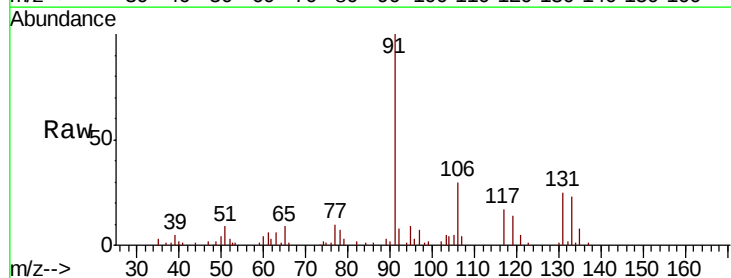
Instrument :
MSVOA_D
ClientSampled :
VSTDIC005

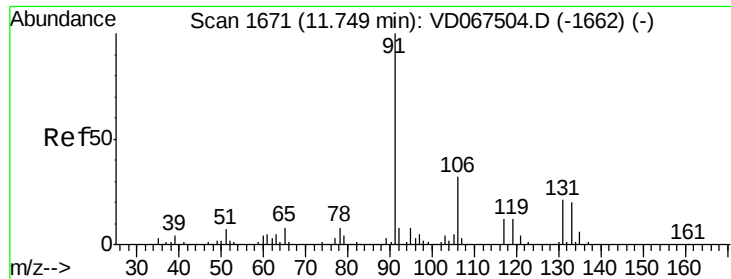
Tot Ion:112 Resp: 41847
Ion Ratio Lower Upper
112 100
114 34.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.264 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion:131 Resp: 16777
Ion Ratio Lower Upper
131 100
133 98.2 48.0 144.0
119 61.1 30.1 90.5

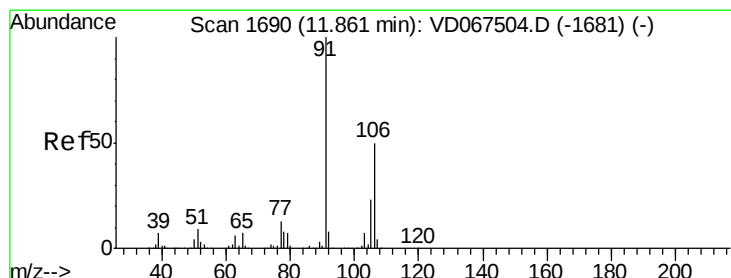
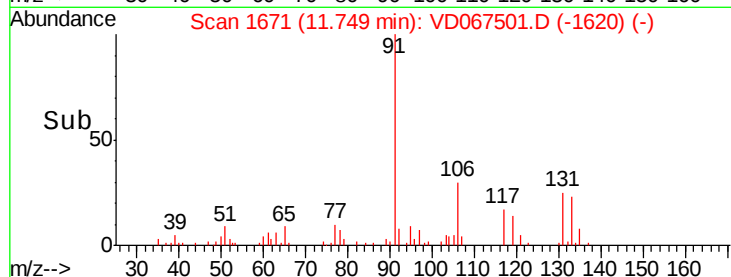
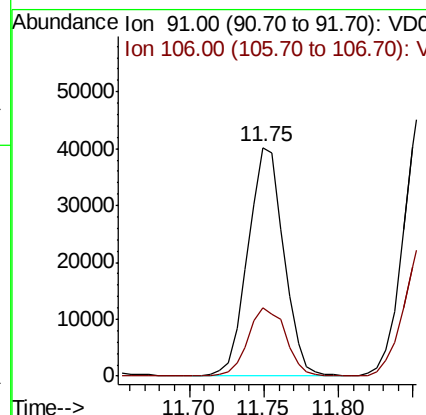
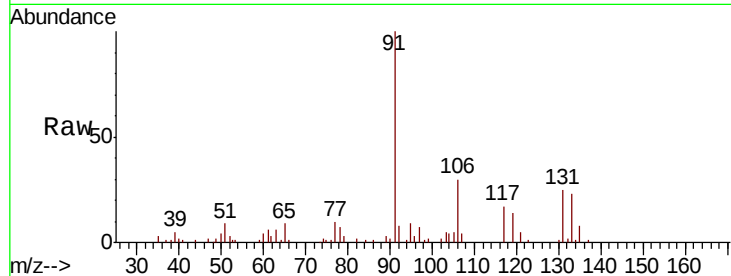




#67
Ethyl Benzene
Concen: 4.823 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

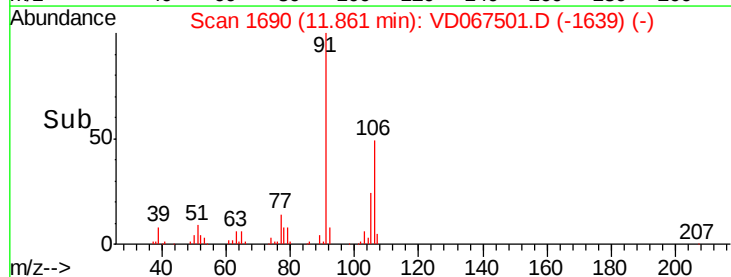
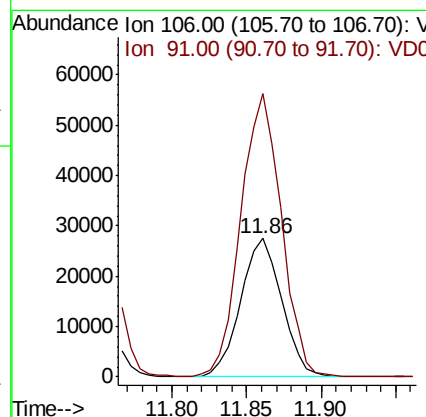
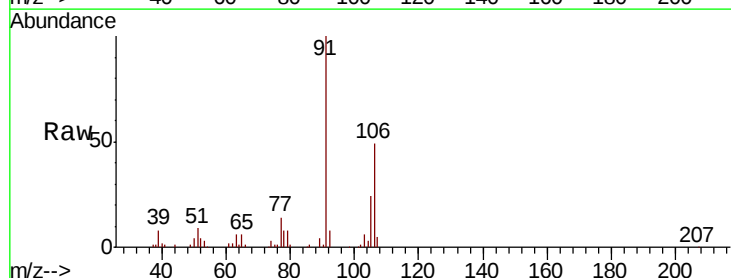
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

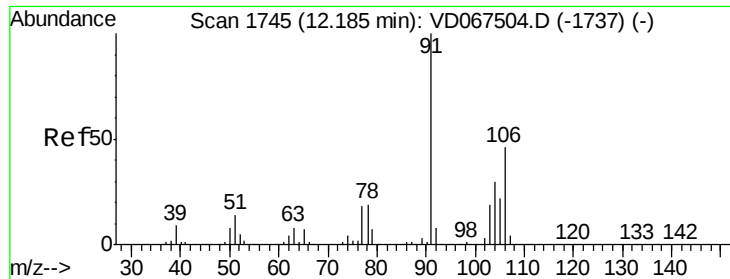
Tot Ion: 91 Resp: 66731
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5



#68
m/p-Xylenes
Concen: 9.750 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 106 Resp: 52487
Ion Ratio Lower Upper
106 100
91 202.0 162.6 244.0

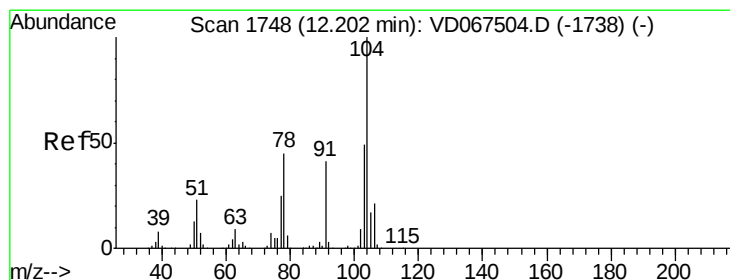
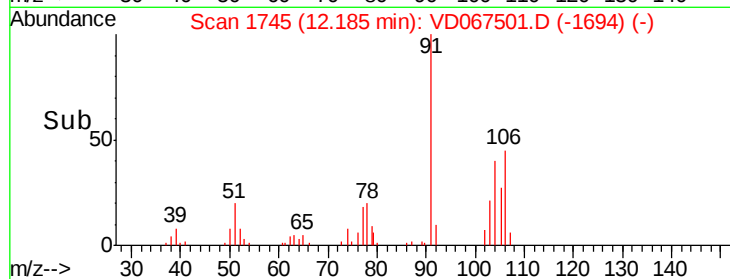
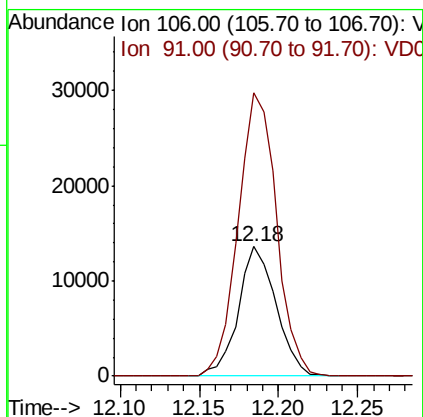
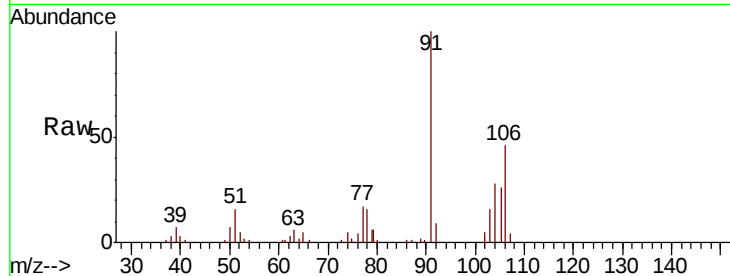




#69
o-Xylene
Concen: 4.690 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

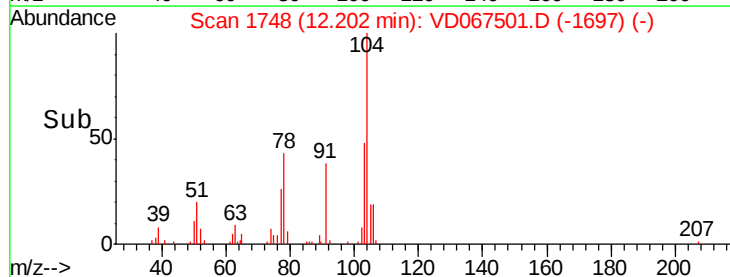
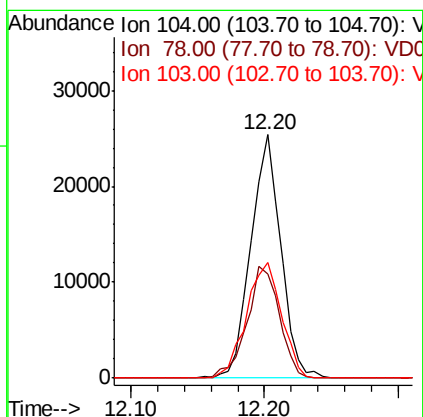
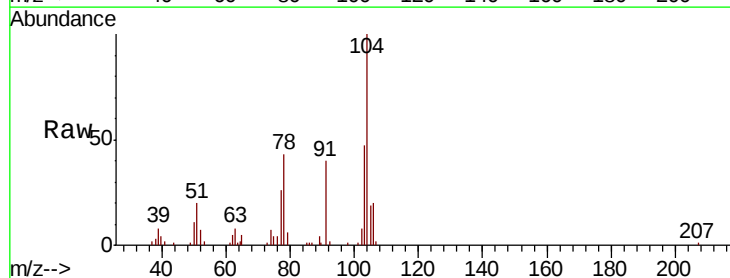
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

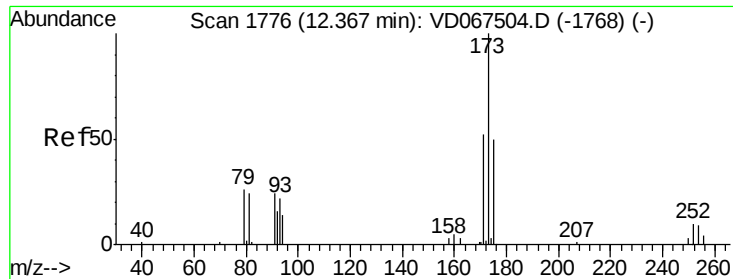
Tot Ion:106 Resp: 22542
Ion Ratio Lower Upper
106 100
91 221.7 107.1 321.1



#70
Styrene
Concen: 4.681 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion:104 Resp: 39201
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.8
103 55.7 43.9 65.9





#71

Bromoform

Concen: 4.848 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

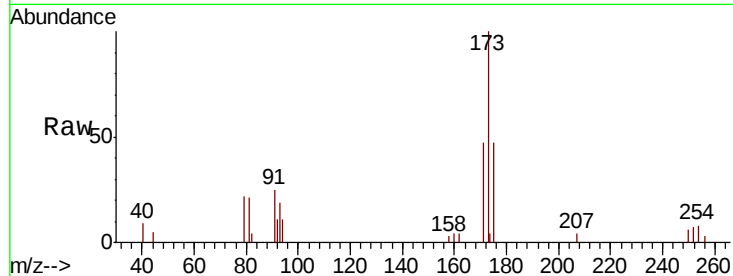
Tot Ion:173 Resp: 7879

Ion Ratio Lower Upper

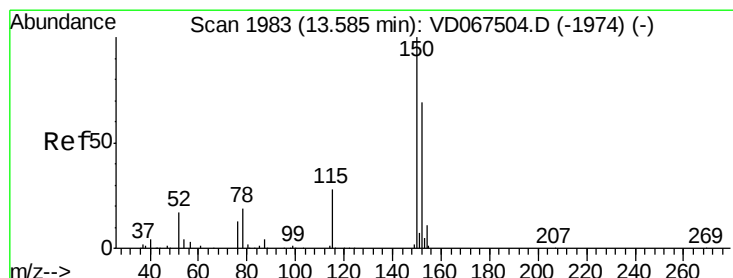
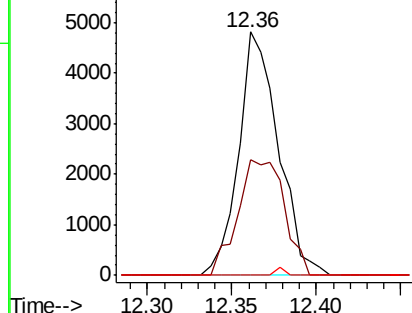
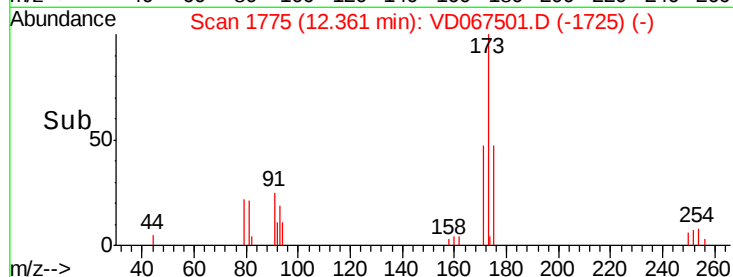
173 100

175 55.4 24.1 72.2

254 0.7 0.0 0.0#



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: VD067501.D

Acq: 03 Nov 2020 10:16

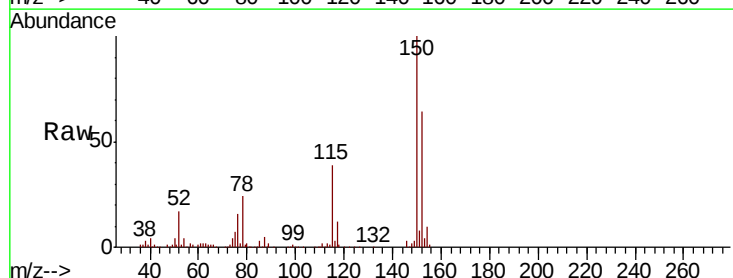
Tgt Ion:152 Resp: 214434

Ion Ratio Lower Upper

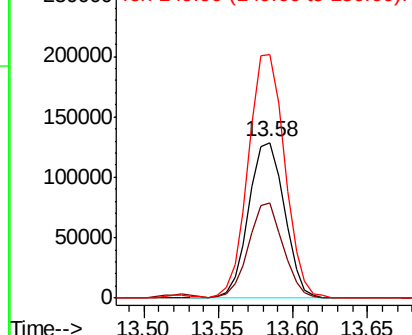
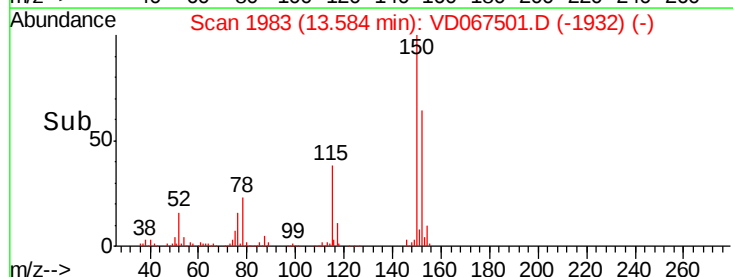
152 100

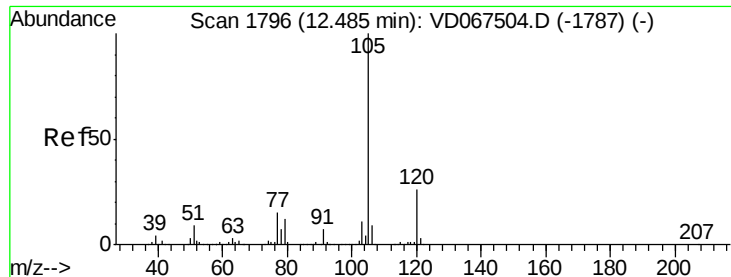
115 59.0 29.3 88.0

150 159.0 0.0 338.2



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: 4.556 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

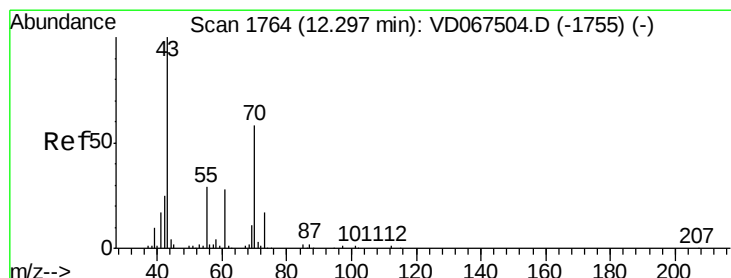
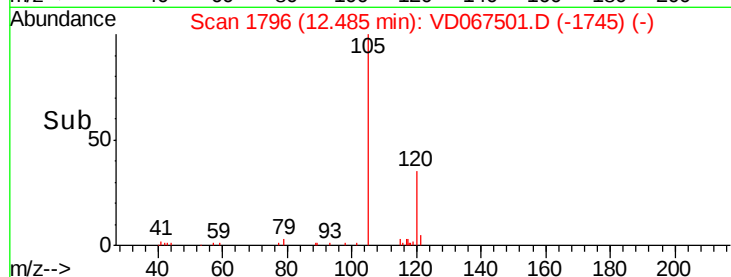
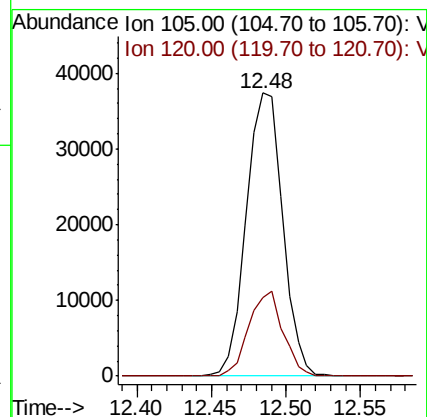
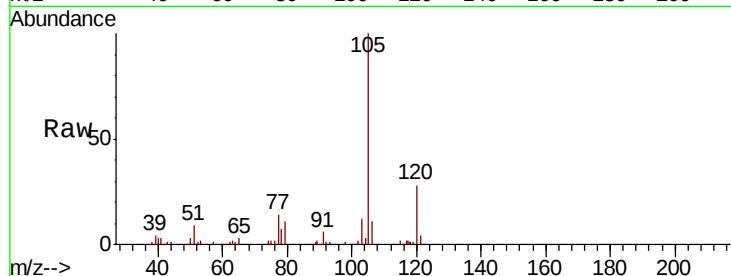
VSTDIC005

Tot Ion:105 Resp: 63135

Ion Ratio Lower Upper

105 100

120 28.1 13.2 39.6



#74

N-ethyl acetate

Concen: 4.677 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Tgt Ion: 43 Resp: 8528

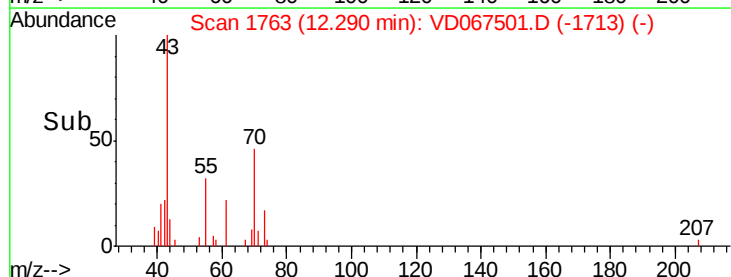
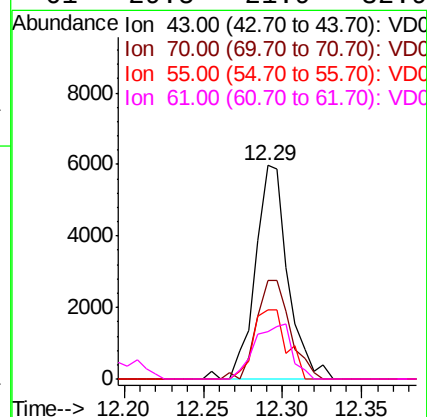
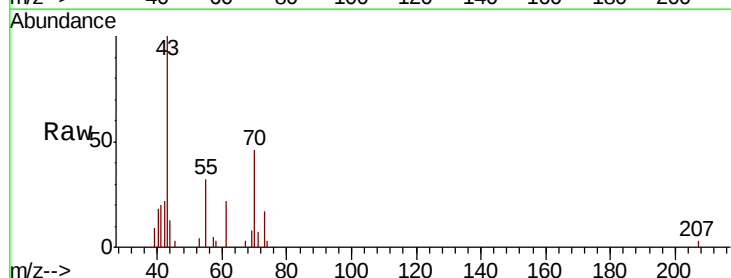
Ion Ratio Lower Upper

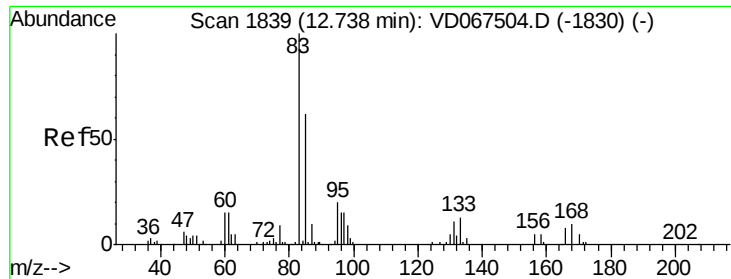
43 100

70 47.7 42.6 64.0

55 33.0 23.7 35.5

61 29.5 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.222 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

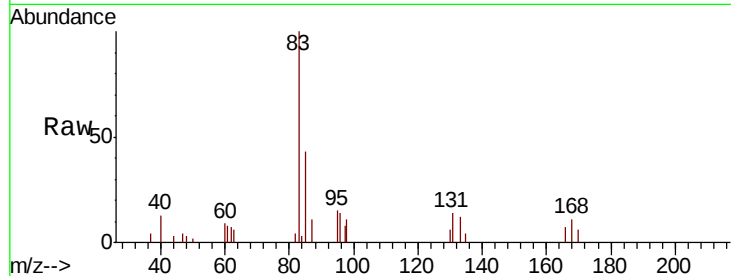
Tot Ion: 83 Resp: 9869

Ion Ratio Lower Upper

83 100

131 13.9 7.1 21.3

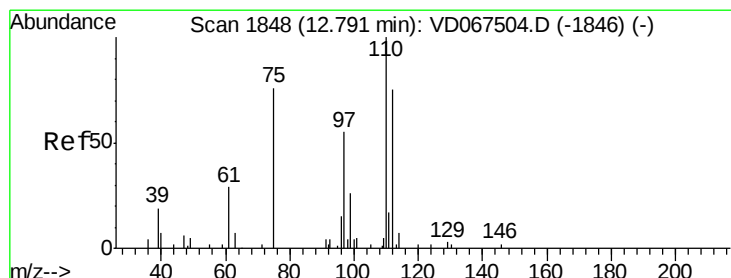
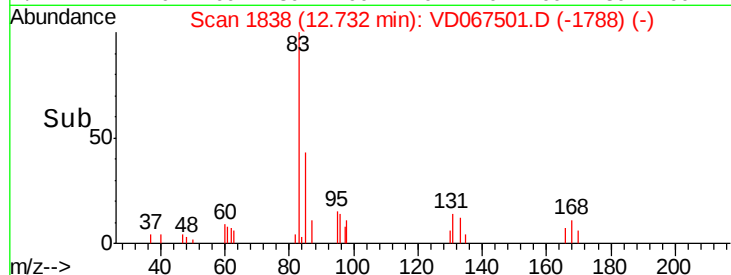
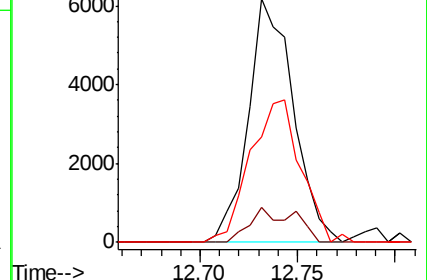
85 65.6 32.9 98.7



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: 9.573 ug/l

RT: 12.80 min Scan# 1849

Delta R.T. 0.01 min

Lab File: VD067501.D

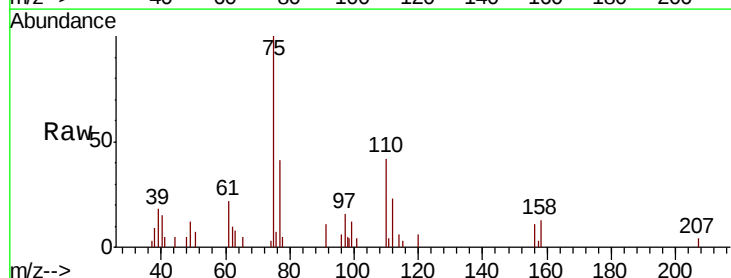
Acq: 03 Nov 2020 10:16

Tgt Ion: 75 Resp: 12945

Ion Ratio Lower Upper

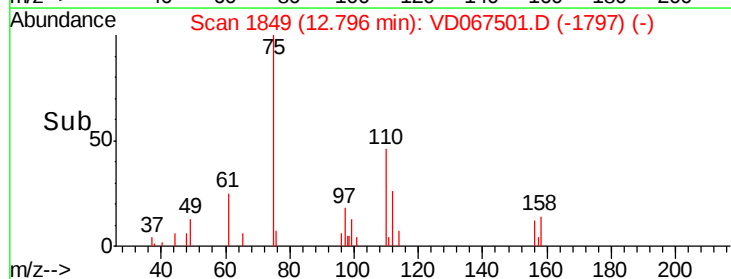
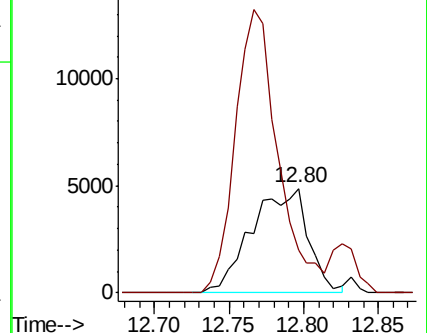
75 100

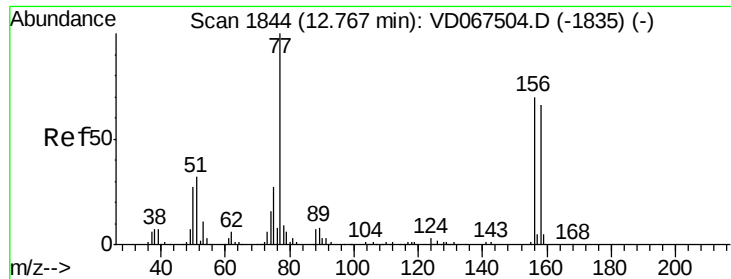
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 4.961 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

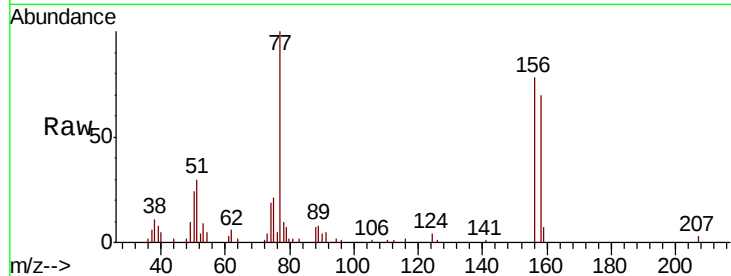
Tot Ion:156 Resp: 16885

Ion Ratio Lower Upper

156 100

77 156.3 77.8 233.5

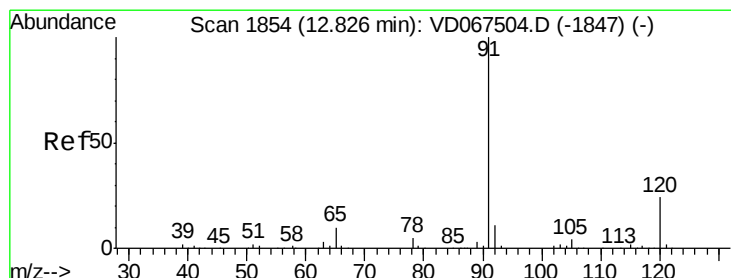
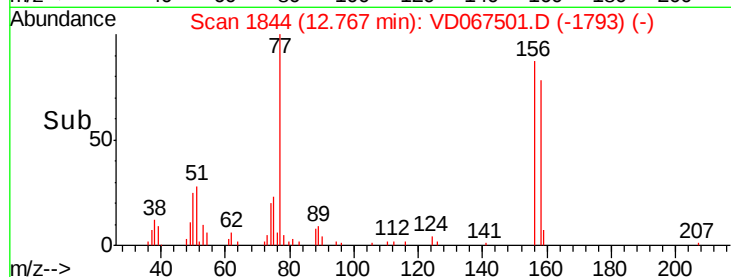
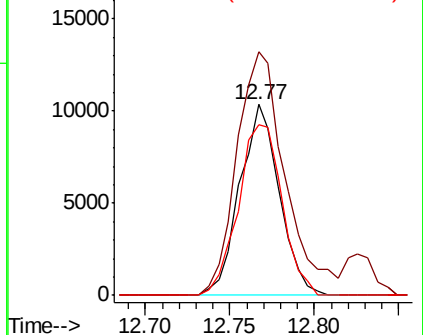
158 98.9 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.663 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067501.D

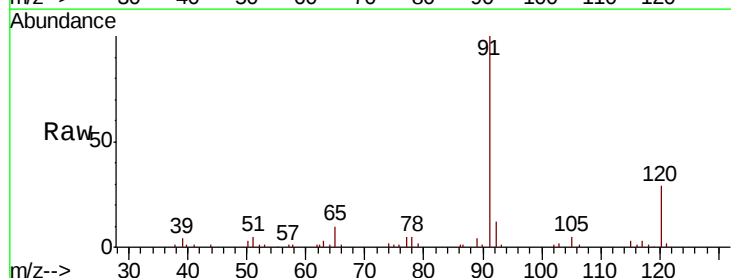
Acq: 03 Nov 2020 10:16

Tgt Ion: 91 Resp: 73916

Ion Ratio Lower Upper

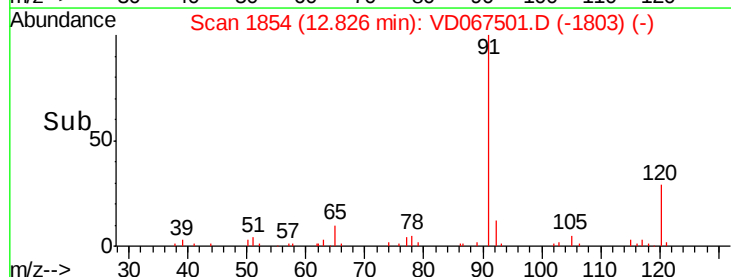
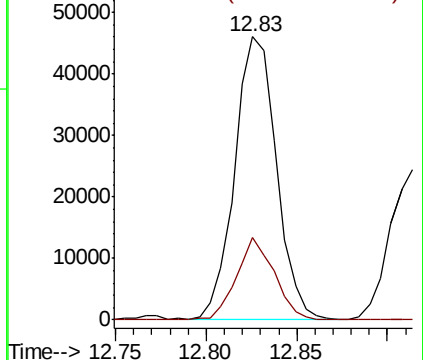
91 100

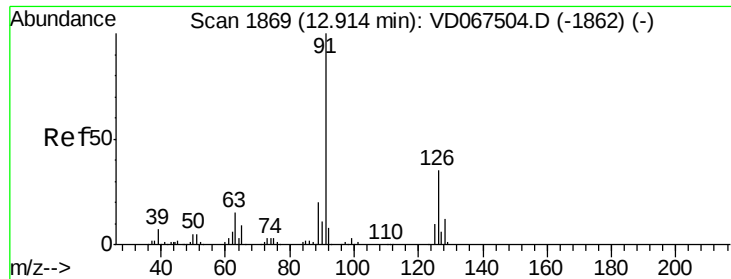
120 26.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.723 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

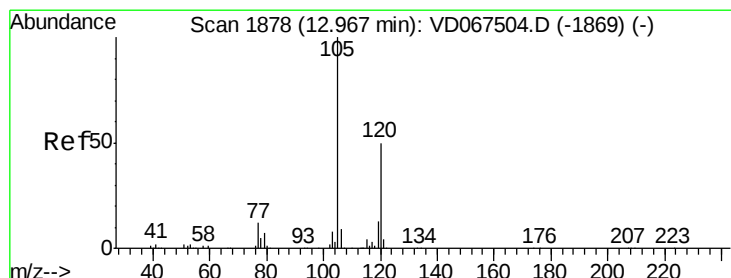
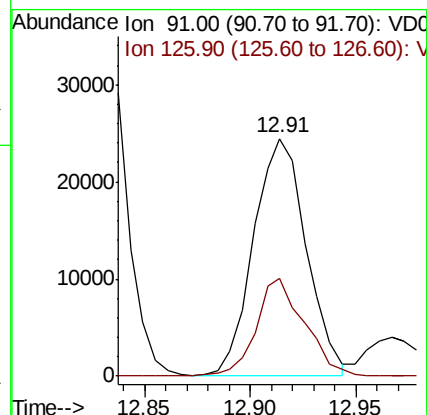
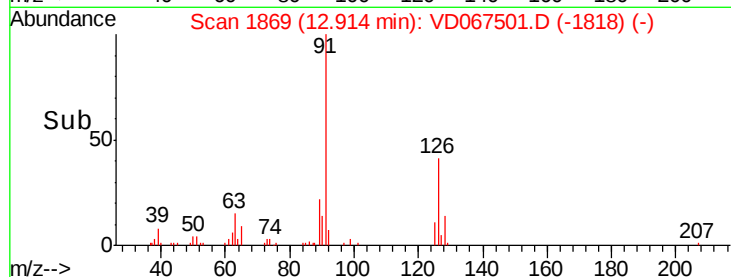
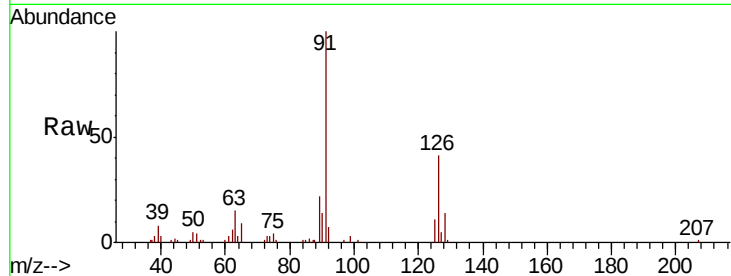
VSTDIC005

Tot Ion: 91 Resp: 42532

Ion Ratio Lower Upper

91 100

126 37.7 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 4.526 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD067501.D

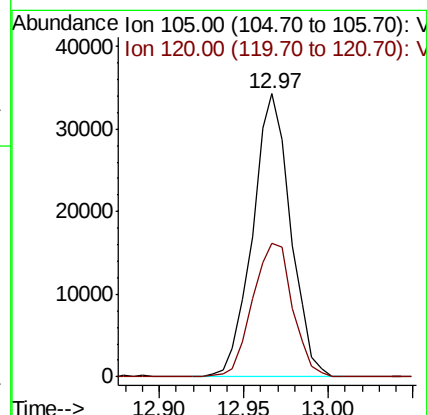
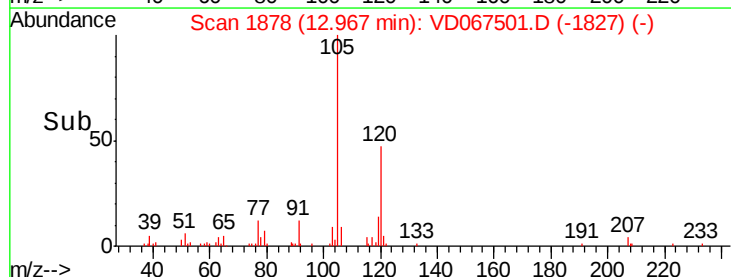
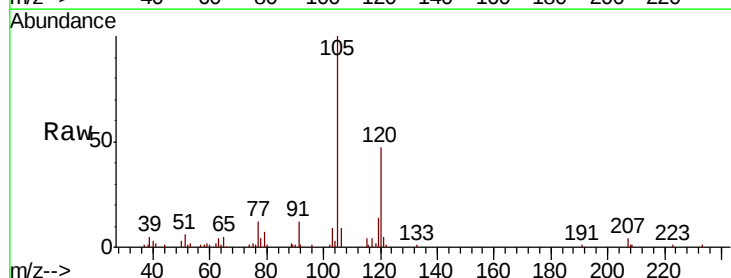
Acq: 03 Nov 2020 10:16

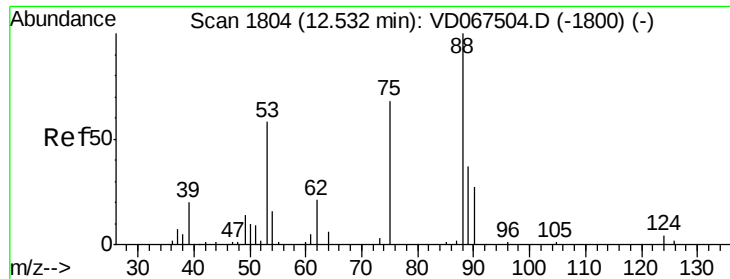
Tgt Ion:105 Resp: 53581

Ion Ratio Lower Upper

105 100

120 49.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 4.930 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

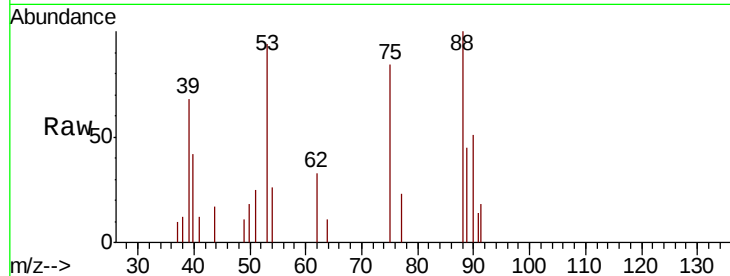
Tot Ion: 75 Resp: 3141

Ion Ratio Lower Upper

75 100

53 94.4 75.9 113.9

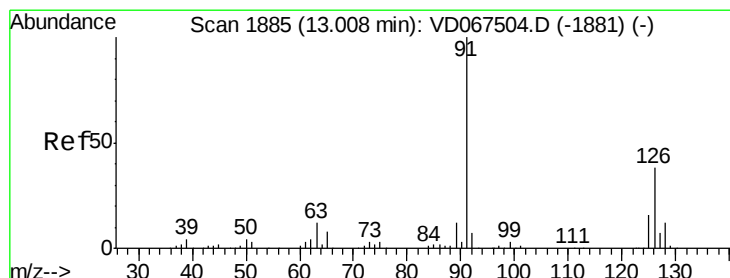
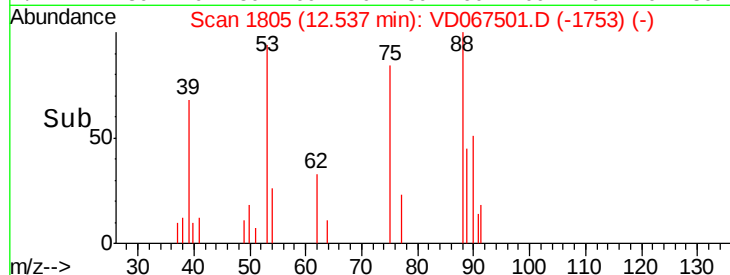
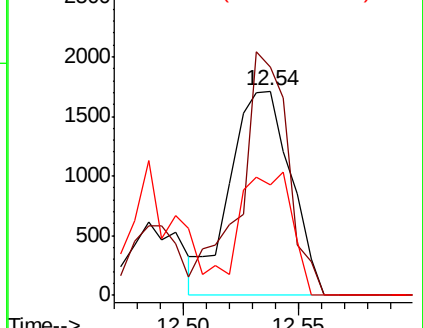
89 48.2 44.6 67.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 4.804 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD067501.D

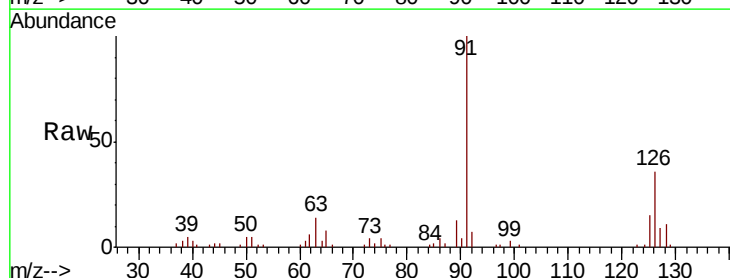
Acq: 03 Nov 2020 10:16

Tgt Ion: 91 Resp: 46398

Ion Ratio Lower Upper

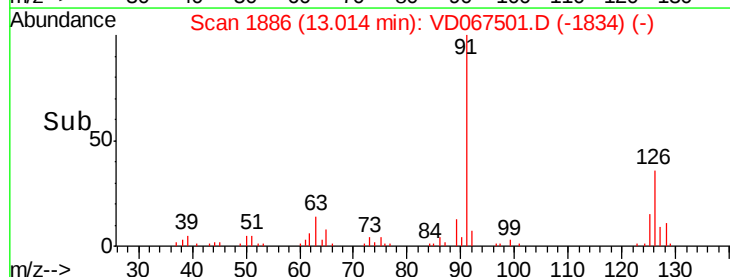
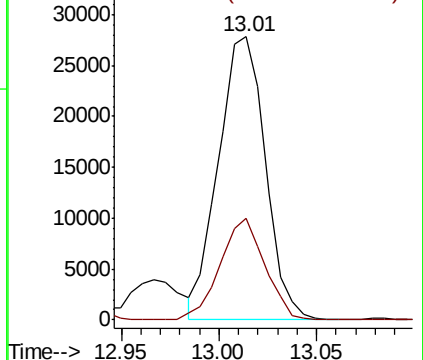
91 100

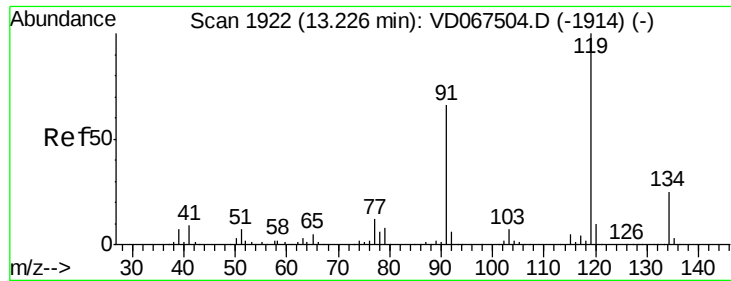
126 34.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

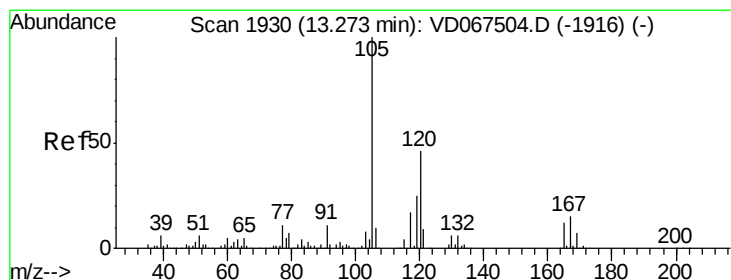
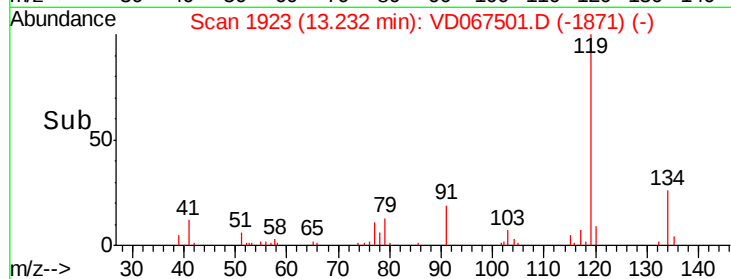
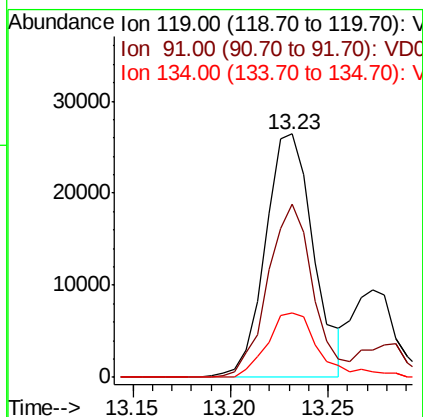
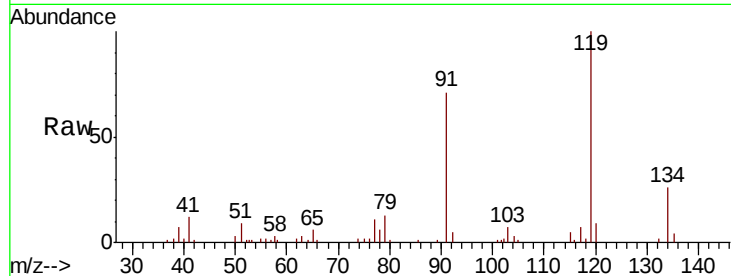




#83
tert-Butylbenzene
Concen: 4.521 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

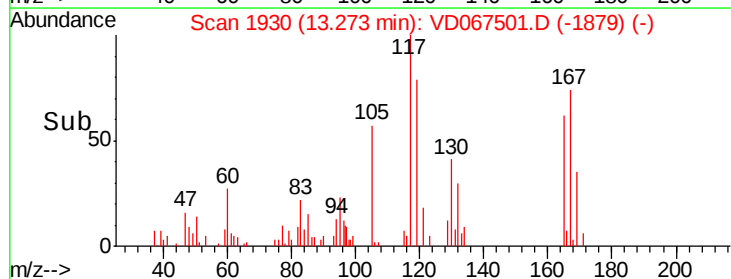
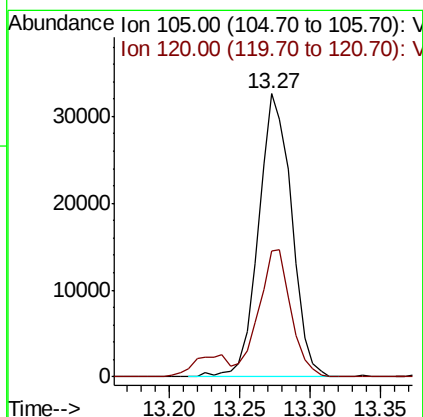
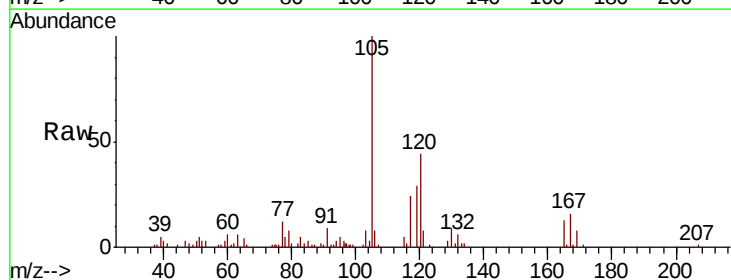
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

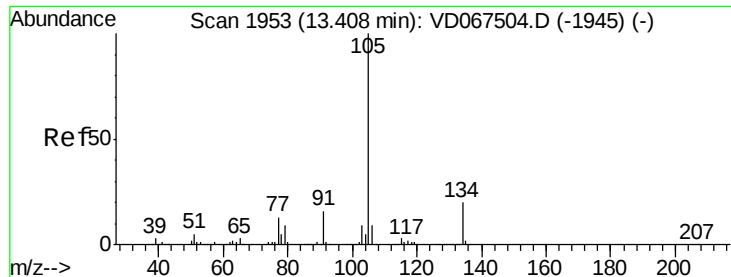
Tot Ion:119 Resp: 45362
Ion Ratio Lower Upper
119 100
91 67.3 32.7 98.1
134 28.5 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 4.559 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion:105 Resp: 53720
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 4.632 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

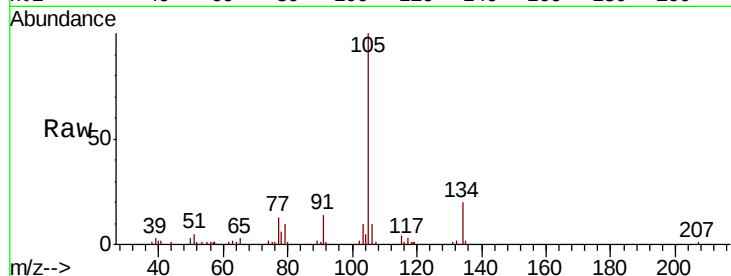
VSTDIC005

Tot Ion:105 Resp: 62735

Ion Ratio Lower Upper

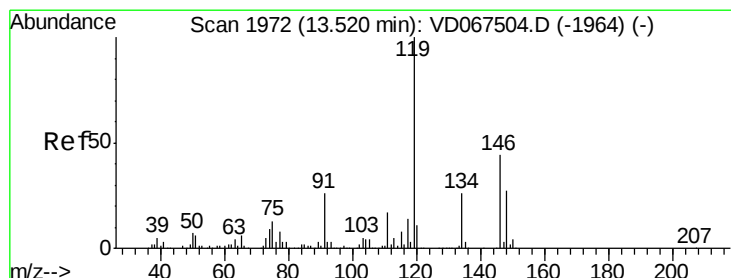
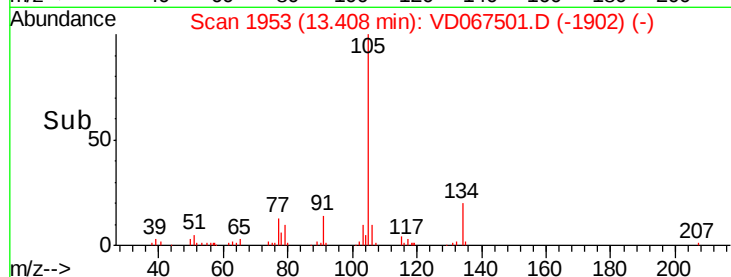
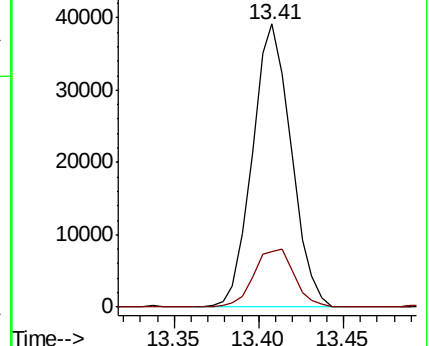
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.616 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

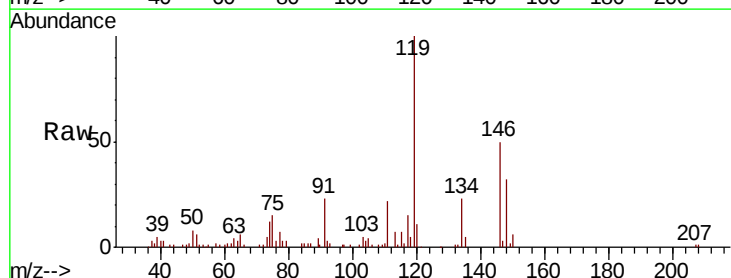
Tgt Ion:119 Resp: 60372

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

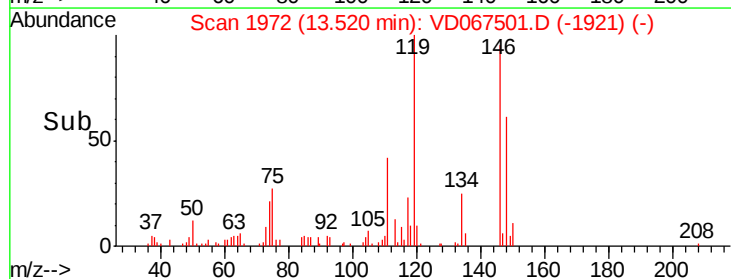
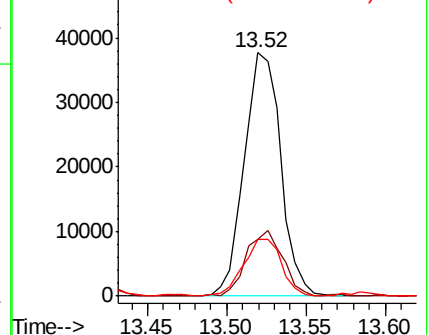
91 24.4 12.2 36.4

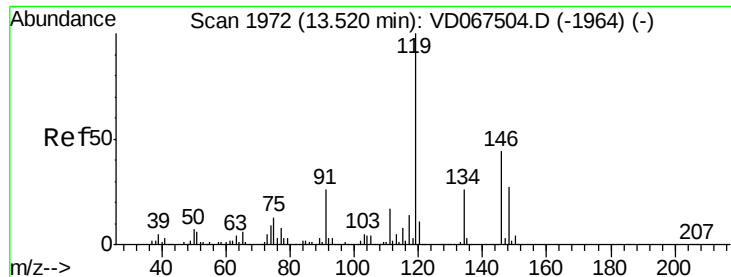


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.133 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

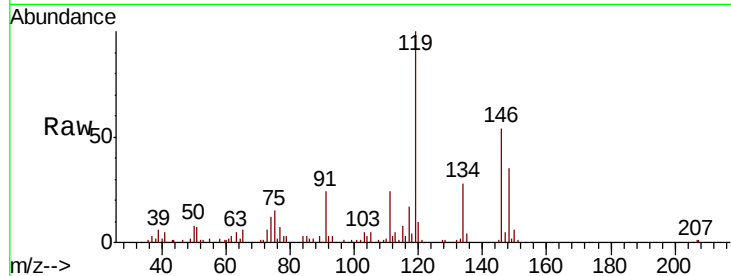
Tot Ion:146 Resp: 33335

Ion Ratio Lower Upper

146 100

111 41.9 20.3 60.8

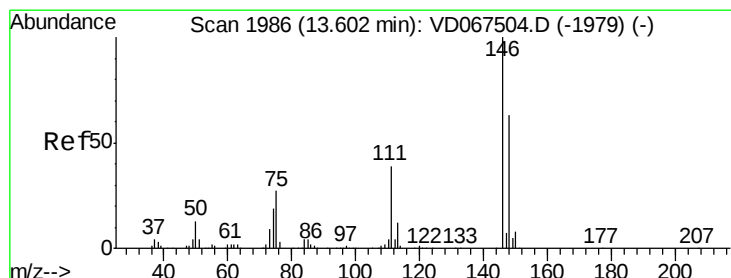
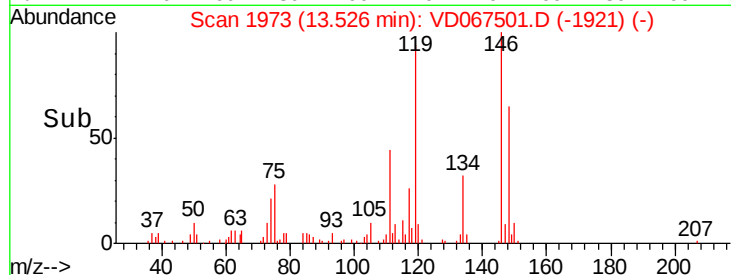
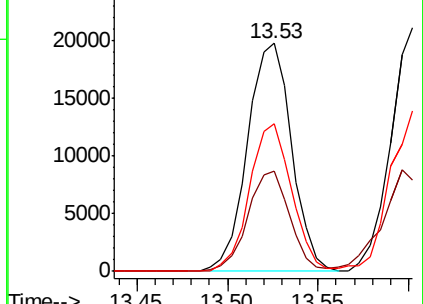
148 62.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.377 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD067501.D

Acq: 03 Nov 2020 10:16

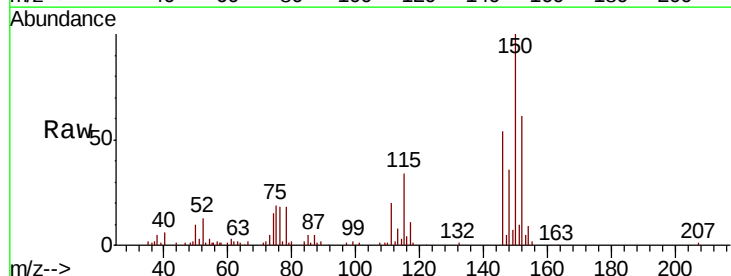
Tgt Ion:146 Resp: 35357

Ion Ratio Lower Upper

146 100

111 45.0 19.6 58.7

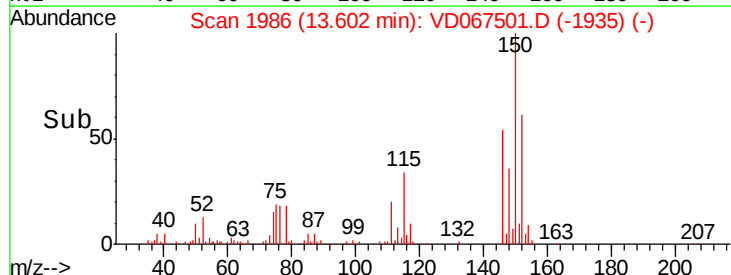
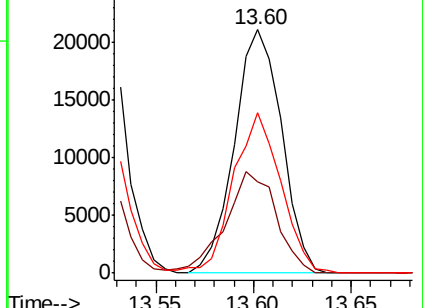
148 66.3 31.8 95.4

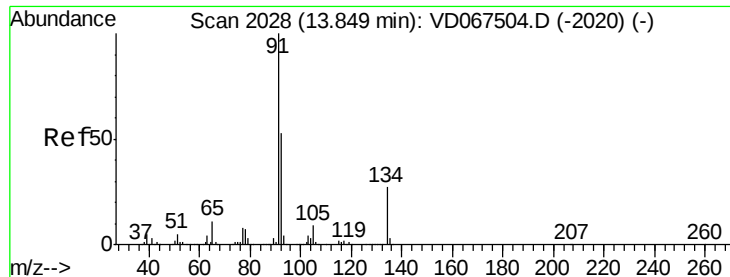


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

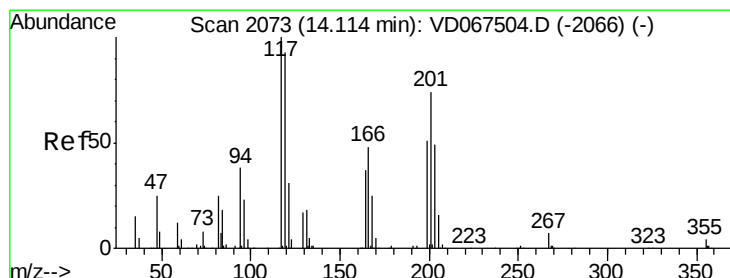
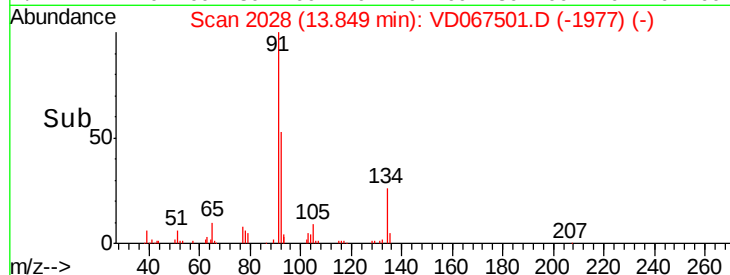
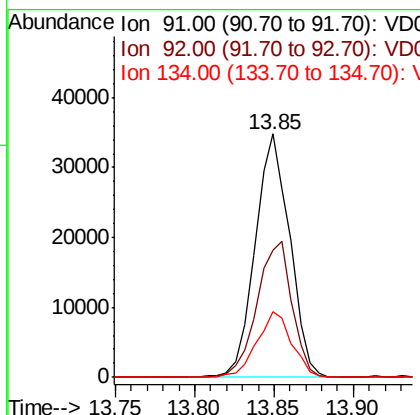
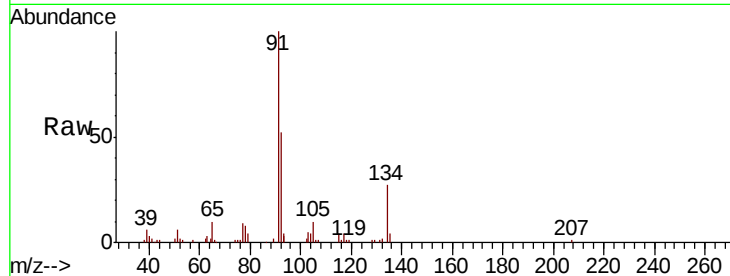




#89
n-Butylbenzene
Concen: 4.672 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

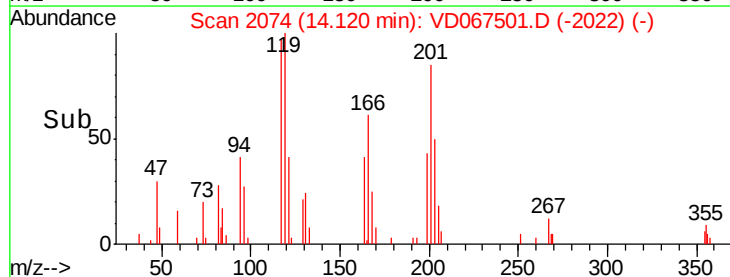
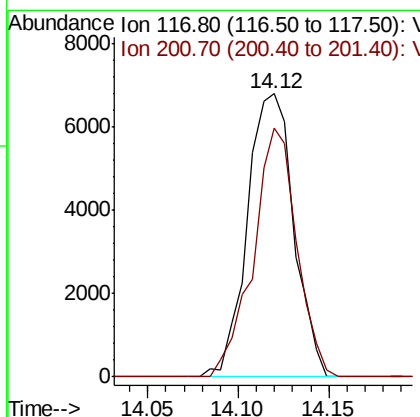
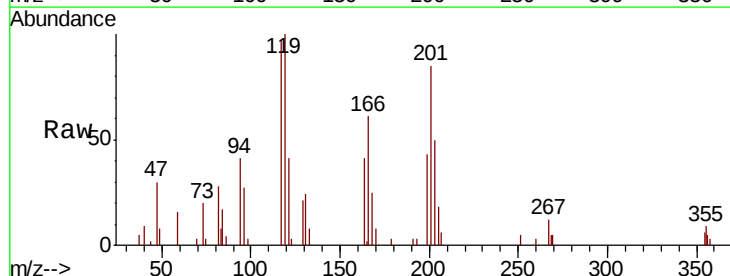
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

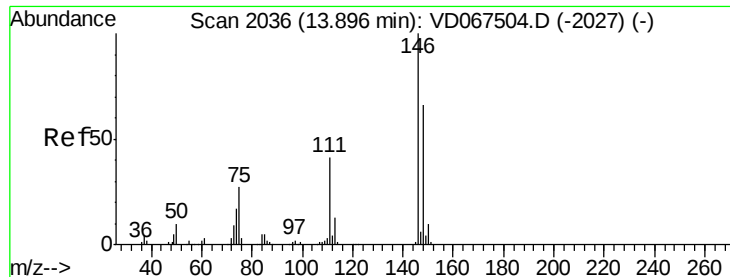
Tot Ion: 91 Resp: 52783
Ion Ratio Lower Upper
91 100
92 56.7 26.6 79.8
134 27.1 14.1 42.2



#90
Hexachloroethane
Concen: 4.899 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion: 117 Resp: 12067
Ion Ratio Lower Upper
117 100
201 82.4 40.7 122.1

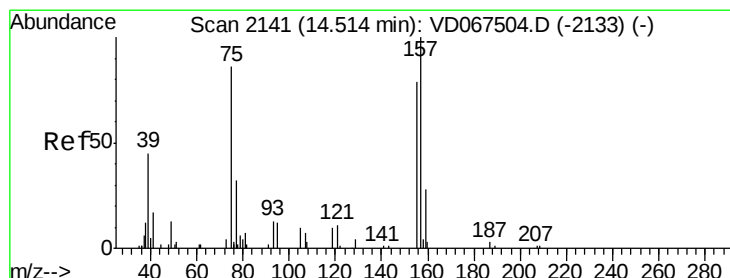
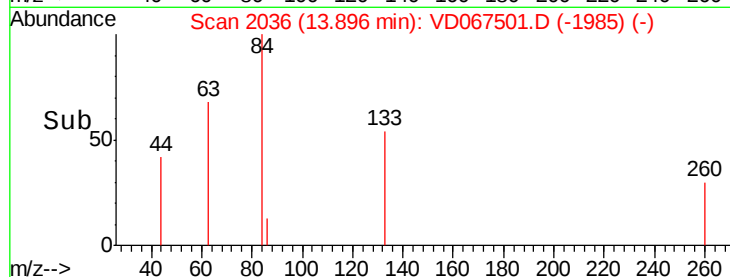
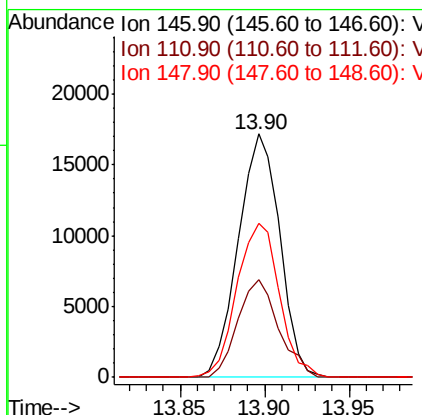
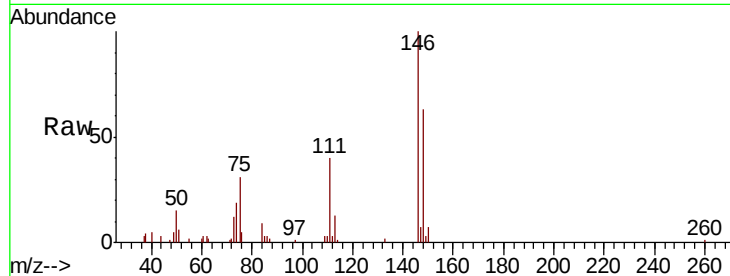




#91
 1,2-Dichlorobenzene
 Concen: 5.227 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

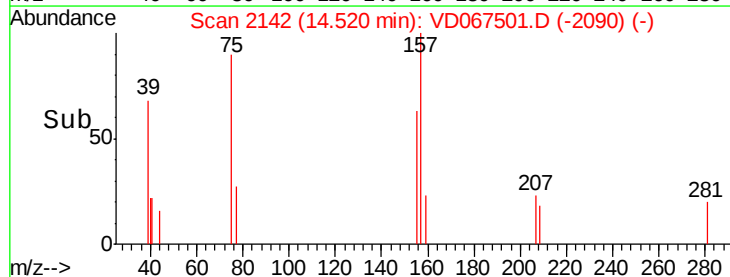
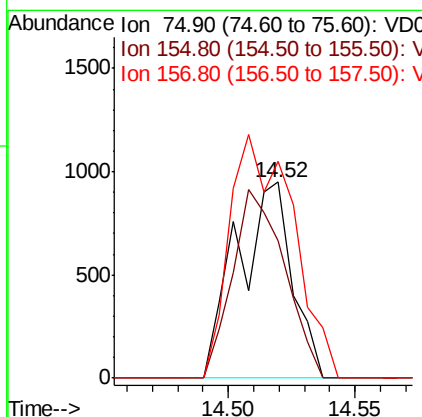
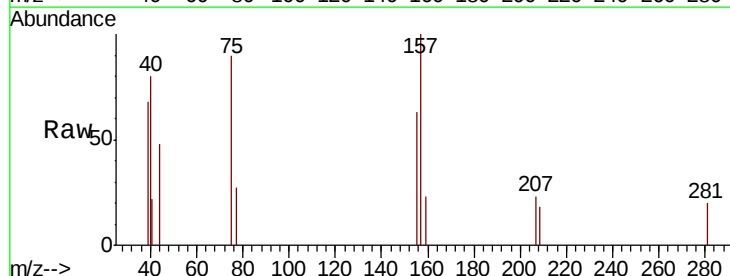
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

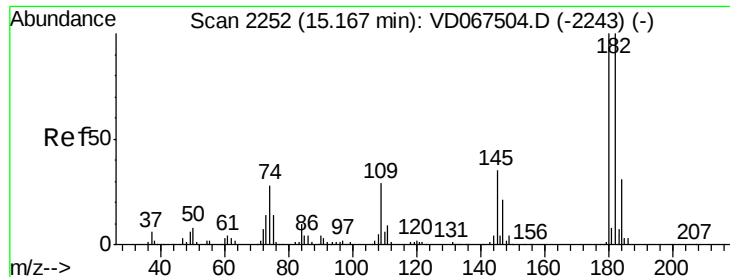
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.7	62.1
148	64.8	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.298 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	46.6	139.8
157	142.1	58.1	174.2

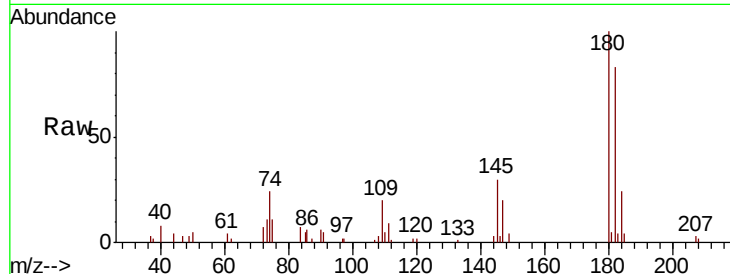




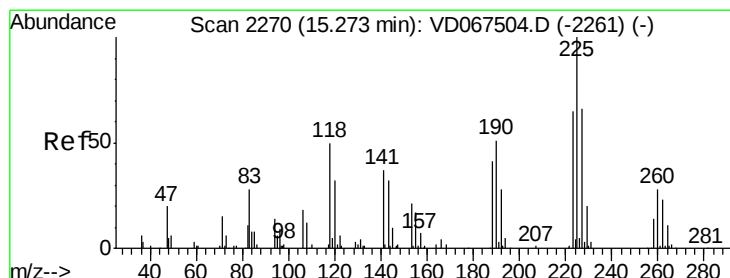
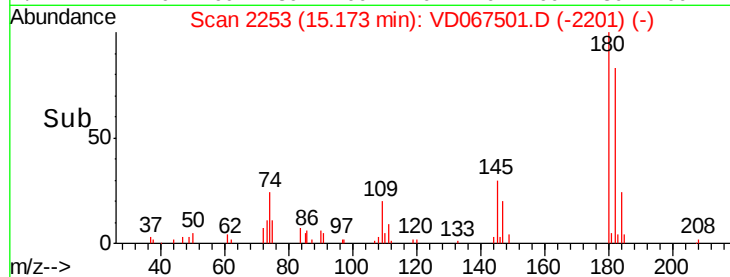
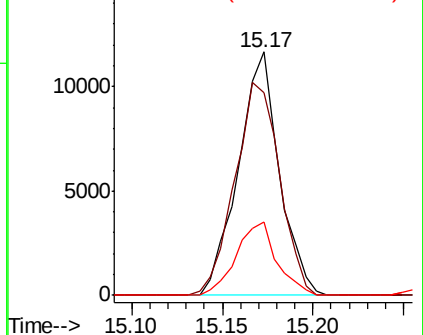
#93
 1,2,4-Trichlorobenzene
 Concen: 4.798 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 18304
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.4 142.3
 145 29.8 16.2 48.6

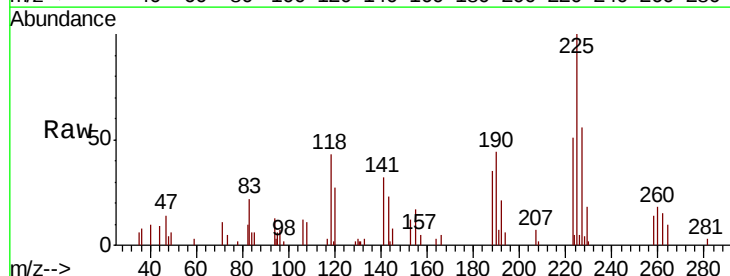


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

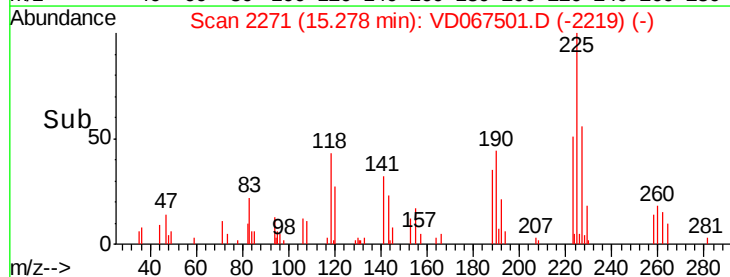
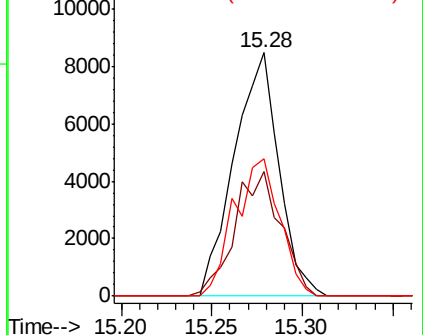


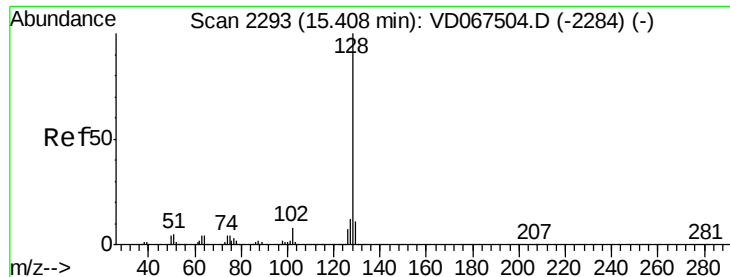
#94
 Hexachlorobutadiene
 Concen: 5.700 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067501.D
 Acq: 03 Nov 2020 10:16

Tgt Ion:225 Resp: 14552
 Ion Ratio Lower Upper
 225 100
 223 52.9 31.9 95.5
 227 57.0 32.5 97.4



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

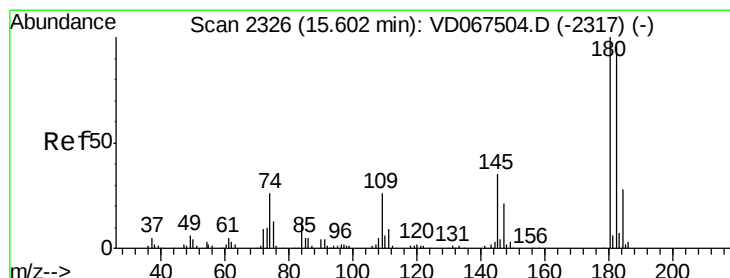
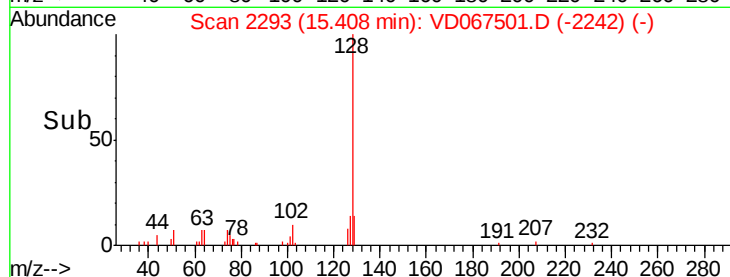
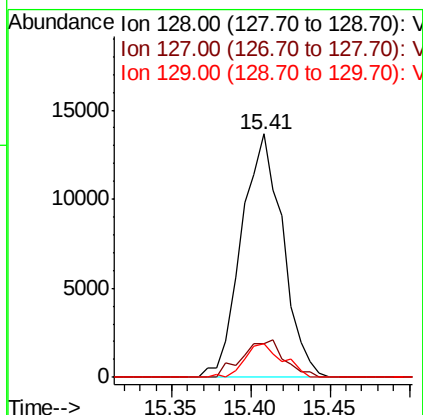
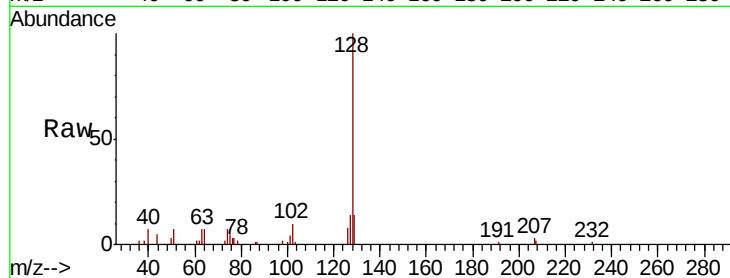




#95
Naphthalene
Concen: 4.213 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 24803
Ion Ratio Lower Upper
128 100
127 15.6 10.2 15.4#
129 12.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 4.853 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067501.D
Acq: 03 Nov 2020 10:16

Tgt Ion:180 Resp: 15855
Ion Ratio Lower Upper
180 100
182 85.5 46.9 140.8
145 30.2 17.1 51.2

