

Data File : VD064172.D
Acq On : 08 Nov 2019 23:30
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 09 01:51:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 16:20:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	711907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1084275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	957556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	474318	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	338535	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
35) Dibromofluoromethane	7.92	113	321702	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.34	98	1194409	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.64	95	410030	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	261614	44.309	ug/l	97
3) Chloromethane	2.21	50	335193	52.927	ug/l	100
4) Vinyl Chloride	2.36	62	348738	51.493	ug/l	96
5) Bromomethane	2.77	94	254103	59.418	ug/l	95
6) Chloroethane	2.93	64	240518	55.579	ug/l	99
7) Trichlorofluoromethane	3.28	101	560219	51.021	ug/l	100
8) Diethyl Ether	3.71	74	164553	54.503	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	287028	45.735	ug/l	98
10) Methyl Iodide	4.30	142	355660	49.660	ug/l	99
11) Tert butyl alcohol	5.24	59	114931	292.796	ug/l	97
12) 1,1-Dichloroethene	4.07	96	288414	48.214	ug/l	96
13) Acrolein	3.93	56	105680	305.469	ug/l	98
14) Allyl chloride	4.71	41	557210	52.683	ug/l	99
15) Acrylonitrile	5.43	53	359962	279.671	ug/l	100
16) Acetone	4.17	43	370161	266.868	ug/l	99
17) Carbon Disulfide	4.41	76	930158	49.930	ug/l	100
18) Methyl Acetate	4.73	43	211962	54.713	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	798609	55.922	ug/l	96
20) Methylene Chloride	4.97	84	353643	50.474	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	344563	50.840	ug/l	98
22) Diisopropyl ether	6.37	45	1081350	55.103	ug/l	97
23) Vinyl Acetate	6.31	43	3106074	283.944	ug/l	100
24) 1,1-Dichloroethane	6.27	63	607523	53.318	ug/l	99
25) 2-Butanone	7.22	43	490793	273.880	ug/l	100
26) 2,2-Dichloropropane	7.21	77	517577	46.318	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	391307	53.840	ug/l	97
28) Bromochloromethane	7.55	49	251197	63.322	ug/l	95
29) Tetrahydrofuran	7.57	42	304579	282.889	ug/l	99
30) Chloroform	7.71	83	632217	54.243	ug/l	97
31) Cyclohexane	7.99	56	512812	44.625	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	558655	50.057	ug/l	100
36) 1,1-Dichloropropene	8.11	75	461059	46.074	ug/l	99
37) Ethyl Acetate	7.30	43	219578	52.049	ug/l	98
38) Carbon Tetrachloride	8.10	117	490235	45.784	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	546854	43.187	ug/l	98
40) Benzene	8.36	78	1358113	49.658	ug/l	98
41) Methacrylonitrile	7.53	41	128474	48.453	ug/l	94
42) 1,2-Dichloroethane	8.43	62	423311	51.535	ug/l	100
43) Isopropyl Acetate	8.46	43	454354	52.271	ug/l	99
44) Trichloroethene	9.11	130	393938	47.992	ug/l	97
45) 1,2-Dichloropropane	9.39	63	336688	50.579	ug/l	99
46) Dibromomethane	9.48	93	184810	51.859	ug/l	99
47) Bromodichloromethane	9.67	83	492304	51.286	ug/l	100
48) Methyl methacrylate	9.46	41	211018	49.648	ug/l	96
49) 1,4-Dioxane	9.47	88	42058	982.663	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	1096691	263.103	ug/l	99
52) Toluene	10.41	92	875792	48.699	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	484048	50.333	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	568649	50.672	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	250991	51.917	ug/l	97
56) Ethyl methacrylate	10.67	69	345978	51.159	ug/l #	95
57) 1,3-Dichloropropane	10.95	76	441459	52.360	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	704336	257.112	ug/l	100
59) 2-Hexanone	10.99	43	758368	255.730	ug/l	100
60) Dibromochloromethane	11.14	129	343983	50.992	ug/l	99
61) 1,2-Dibromoethane	11.25	107	249858	51.600	ug/l	98
64) Tetrachloroethene	10.88	164	351055	47.669	ug/l	99
65) Chlorobenzene	11.67	112	940323	48.291	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	361780	48.862	ug/l	98
67) Ethyl Benzene	11.75	91	1658843	47.097	ug/l	100
68) m/p-Xylenes	11.86	106	1286897	95.323	ug/l	100
69) o-Xylene	12.18	106	605178	48.334	ug/l	100
70) Styrene	12.20	104	1068185	48.874	ug/l	100
71) Bromoform	12.37	173	210792	50.026	ug/l #	97
73) Isopropylbenzene	12.48	105	1568626	45.056	ug/l	99
74) N-amyl acetate	12.29	43	403121	49.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	259366	49.441	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	355952	93.169	ug/l #	100
77) Bromobenzene	12.76	156	408674	48.318	ug/l	98
78) n-propylbenzene	12.83	91	1809408	45.490	ug/l	100
79) 2-Chlorotoluene	12.91	91	1050706	46.788	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1320461	46.158	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	89043	46.296	ug/l	95
82) 4-Chlorotoluene	13.01	91	1118252	47.741	ug/l	98
83) tert-Butylbenzene	13.23	119	1145861	45.425	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1337047	47.341	ug/l	99
85) sec-Butylbenzene	13.41	105	1510416	44.581	ug/l	100
86) p-Isopropyltoluene	13.52	119	1441052	44.740	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	744446	47.415	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	743547	48.523	ug/l	100
89) n-Butylbenzene	13.85	91	1304429	44.826	ug/l	100
90) Hexachloroethane	14.11	117	274679	46.144	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	649046	48.841	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	45269	48.264	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110819\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	488027	47.606	ug/l	99
94) Hexachlorobutadiene	15.27	225	289179	43.674	ug/l	99
95) Naphthalene	15.41	128	816268	48.575	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	419447	48.135	ug/l	99

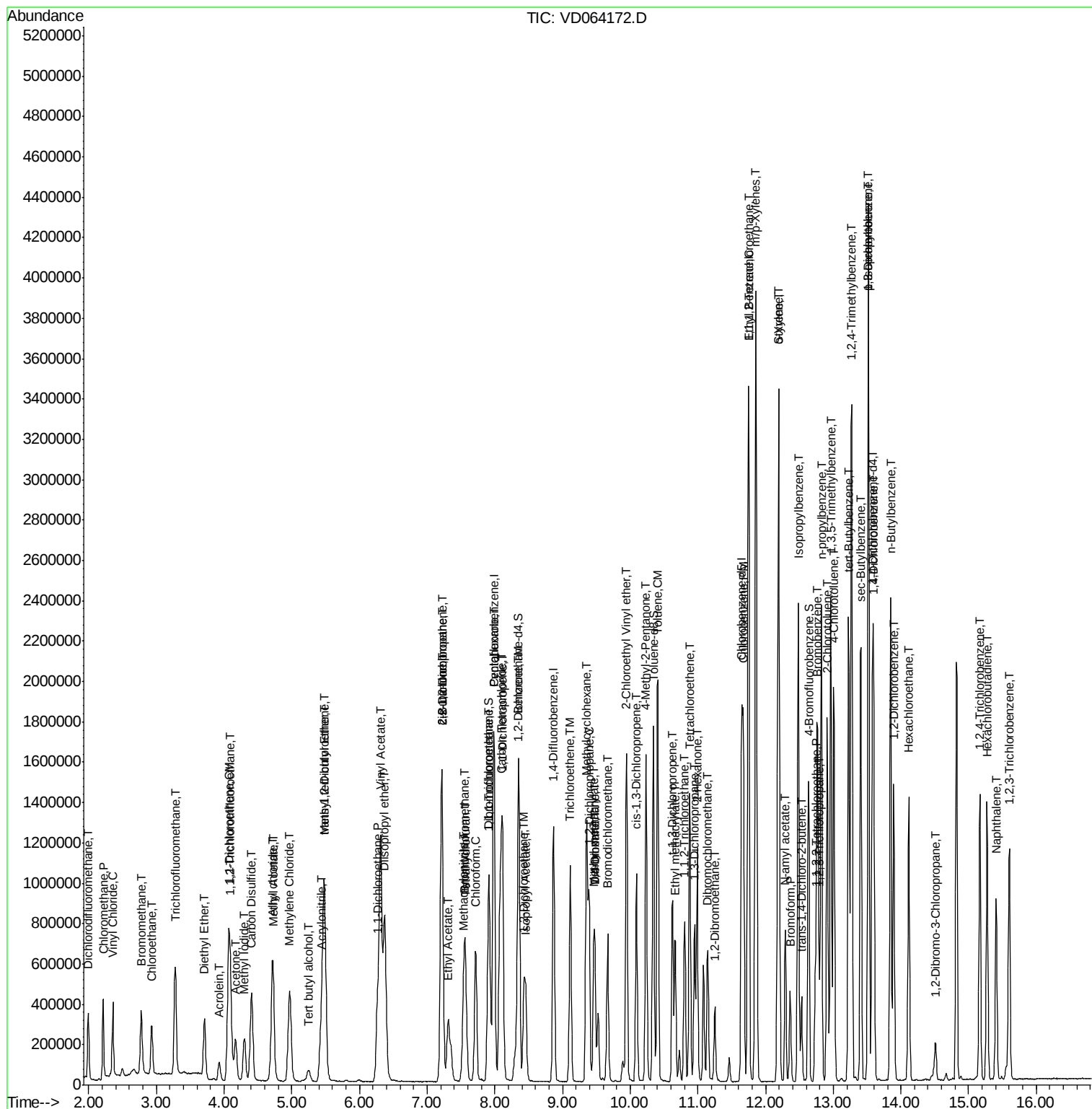
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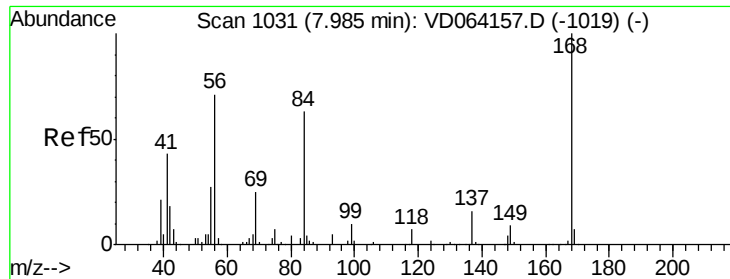
Data File : VD064172.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

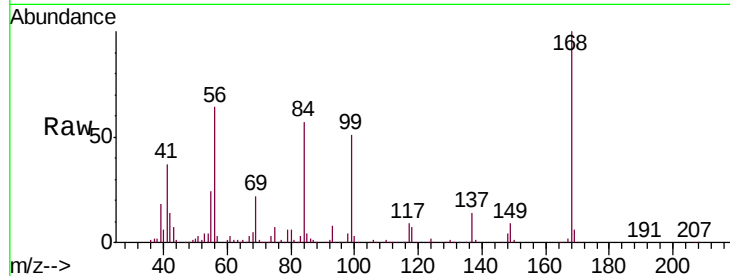
VSTDCCC050EC

Tgt Ion:168 Resp: 711907

Ion Ratio Lower Upper

168 100

99 51.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

300000

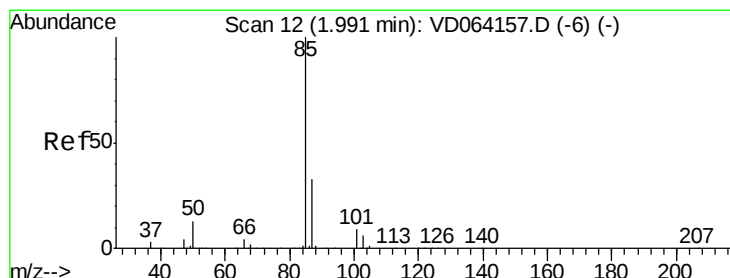
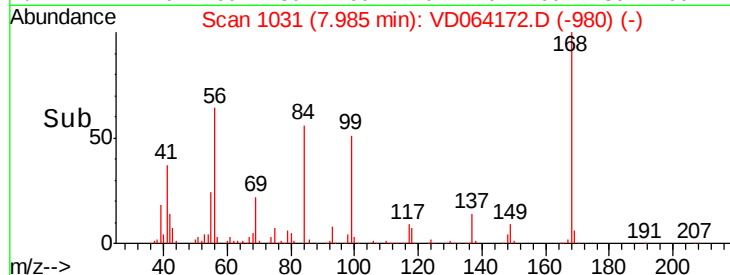
200000

100000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.309 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064172.D

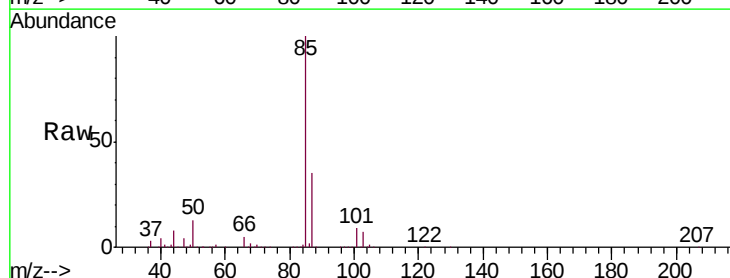
Acq: 08 Nov 2019 23:30

Tgt Ion: 85 Resp: 261614

Ion Ratio Lower Upper

85 100

87 34.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

200000

150000

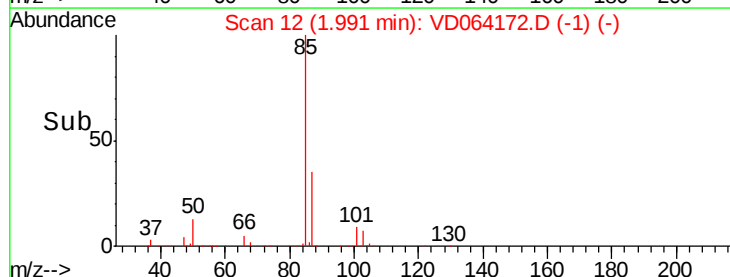
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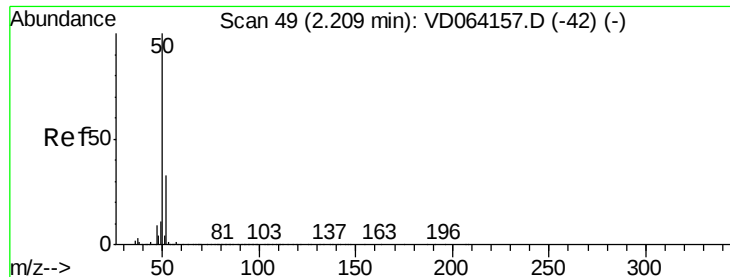
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 52.927 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

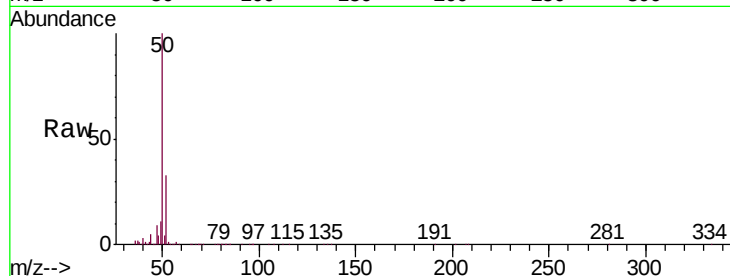
VSTDCCC050EC

Tgt Ion: 50 Resp: 335193

Ion Ratio Lower Upper

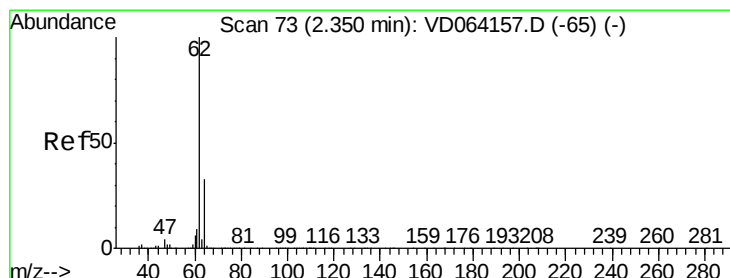
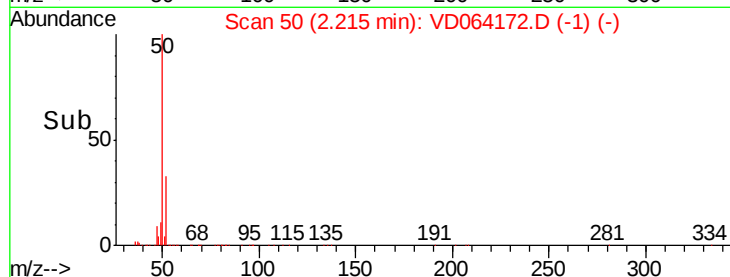
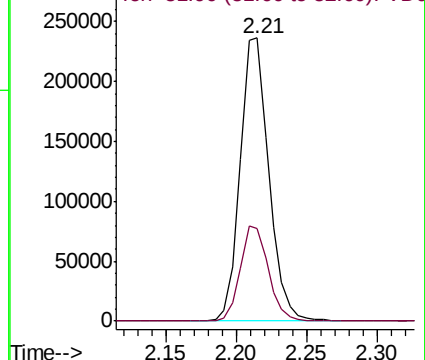
50 100

52 32.7 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.493 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD064172.D

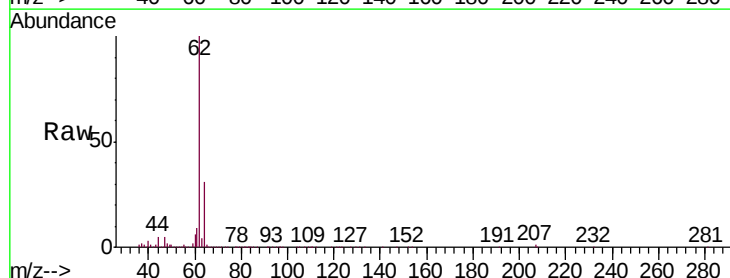
Acq: 08 Nov 2019 23:30

Tgt Ion: 62 Resp: 348738

Ion Ratio Lower Upper

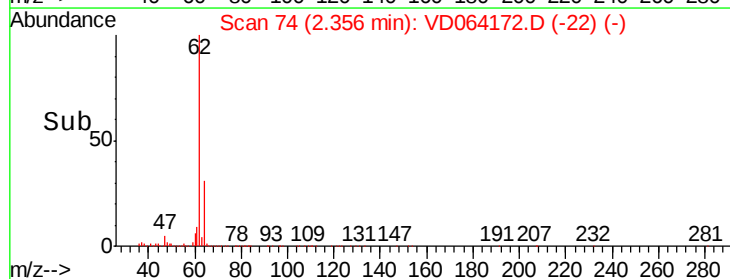
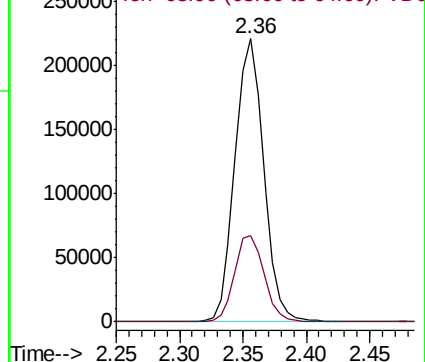
62 100

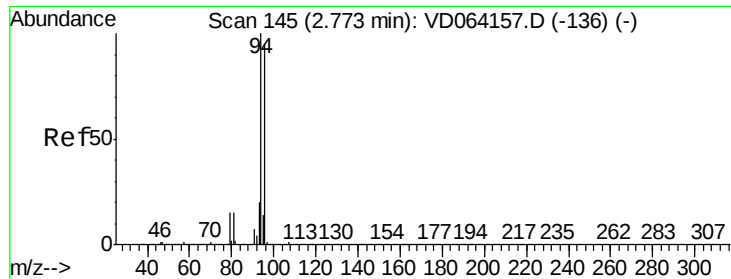
64 30.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 59.418 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

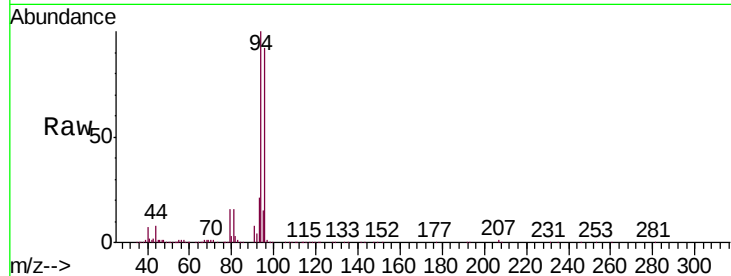
VSTDCCC050EC

Tgt Ion: 94 Resp: 254103

Ion Ratio Lower Upper

94 100

96 90.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

120000

100000

80000

60000

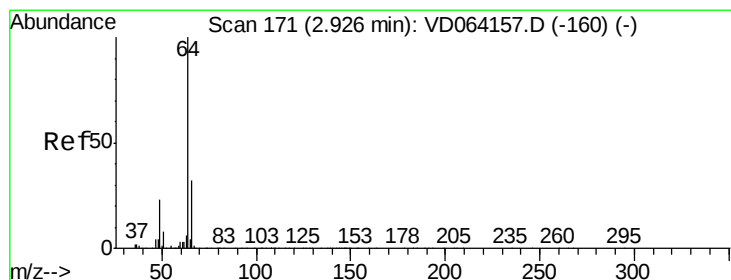
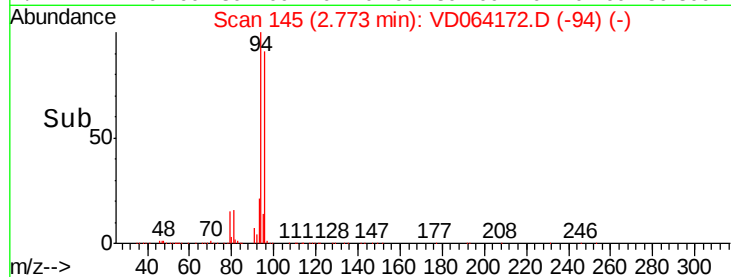
40000

20000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 55.579 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD064172.D

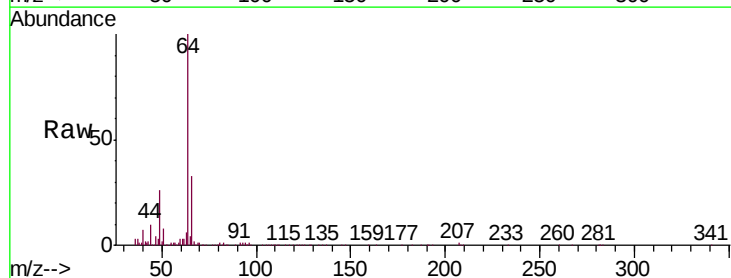
Acq: 08 Nov 2019 23:30

Tgt Ion: 64 Resp: 240518

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

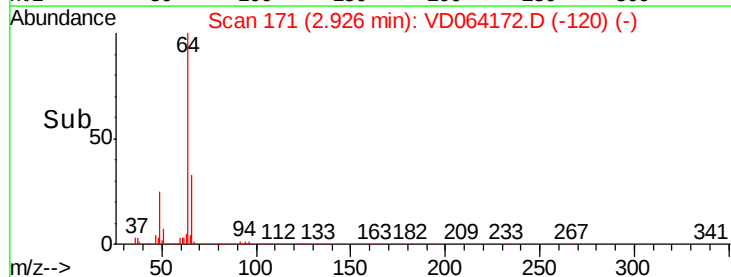
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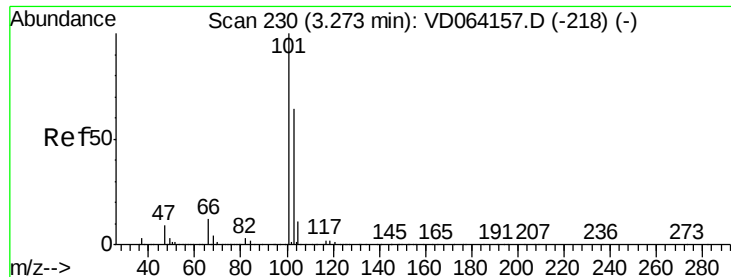
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Time-->

2.80 2.90 3.00



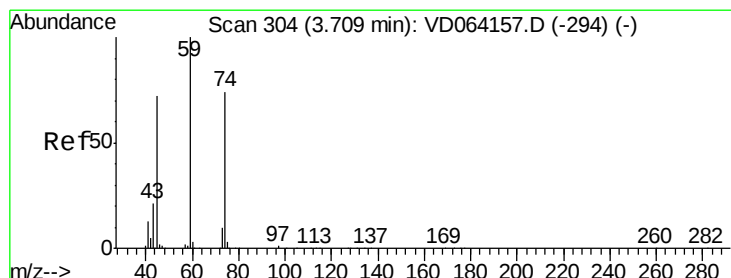
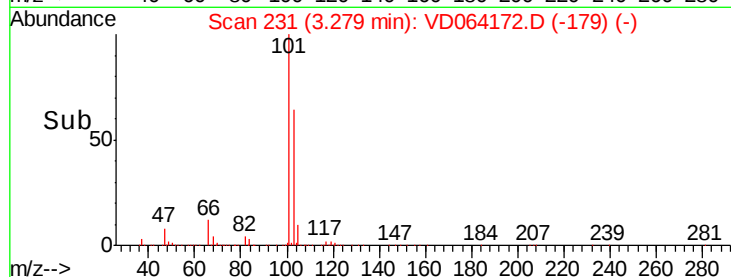
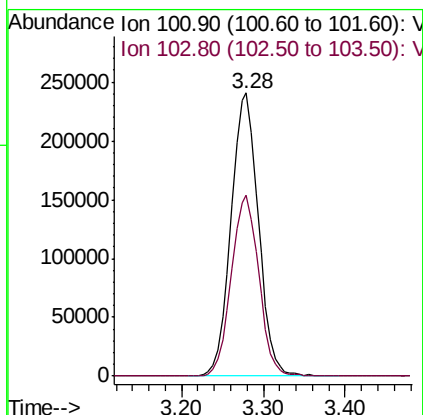
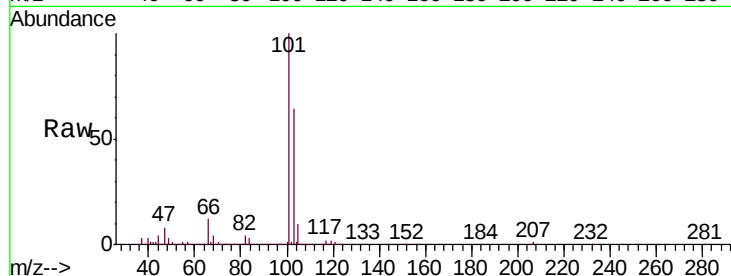


#7

Trichlorofluoromethane
Concen: 51.021 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

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VSTDCCC050EC

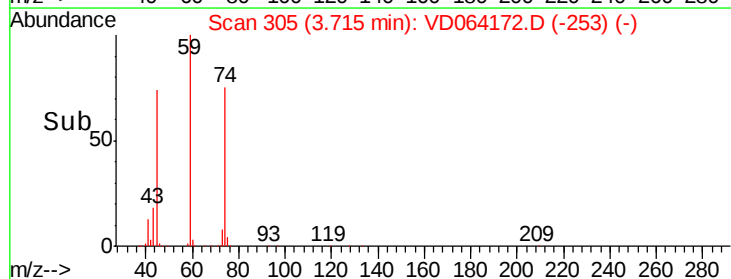
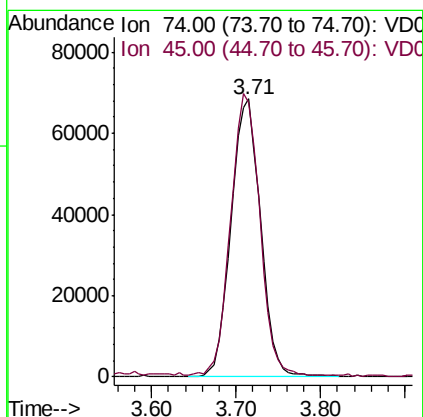
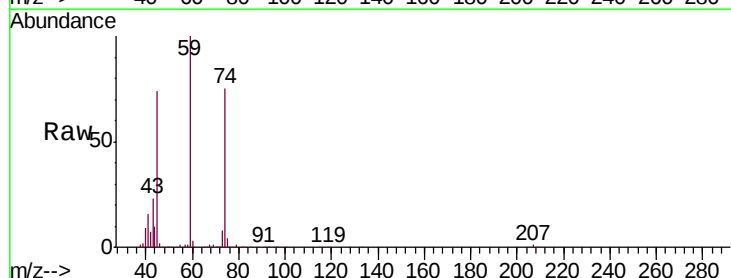
Tgt Ion:101 Resp: 560219
Ion Ratio Lower Upper
101 100
103 63.7 50.8 76.2



#8

Diethyl Ether
Concen: 54.503 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion: 74 Resp: 164553
Ion Ratio Lower Upper
74 100
45 100.0 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.735 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

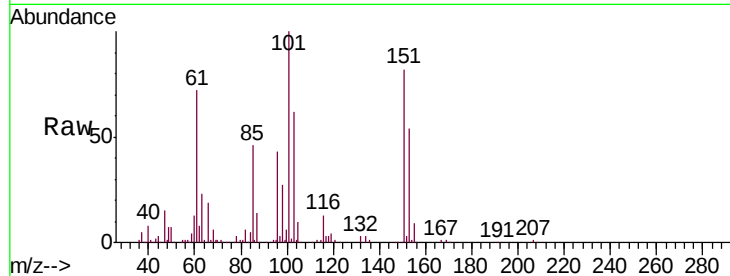
Tgt Ion:101 Resp: 287028

Ion Ratio Lower Upper

101 100

85 44.9 34.4 51.6

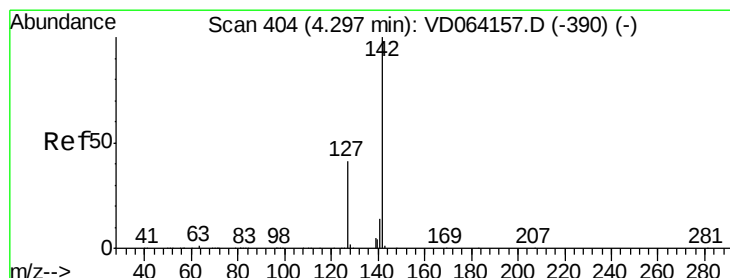
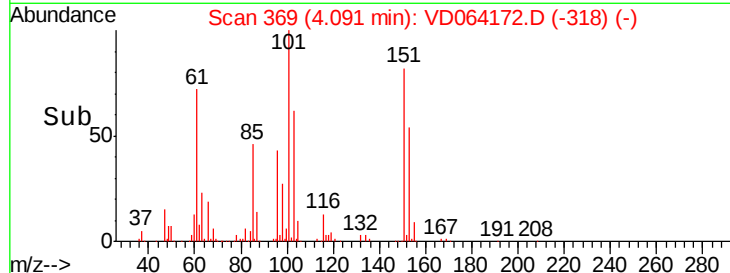
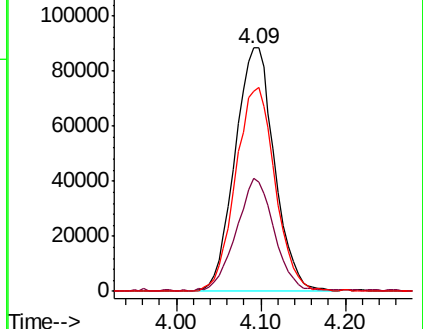
151 83.8 68.1 102.1



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: 49.660 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

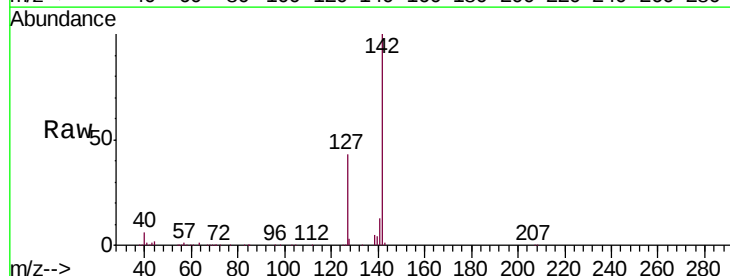
Tgt Ion:142 Resp: 355660

Ion Ratio Lower Upper

142 100

127 44.0 34.4 51.6

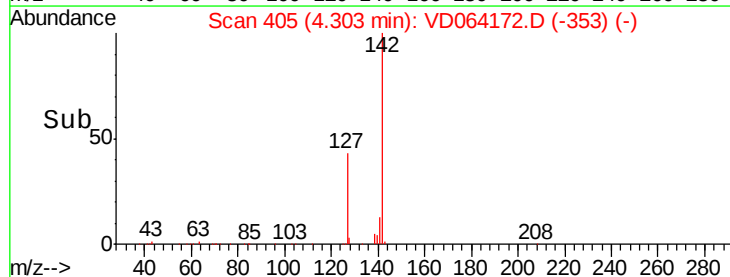
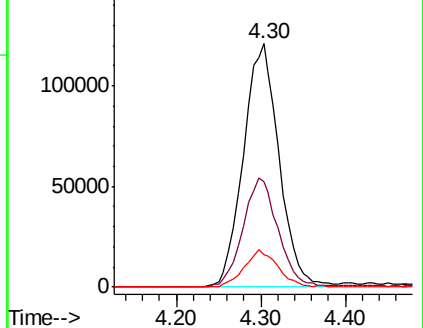
141 14.4 11.2 16.8



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

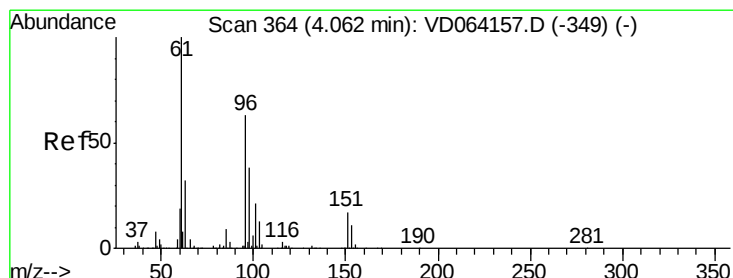
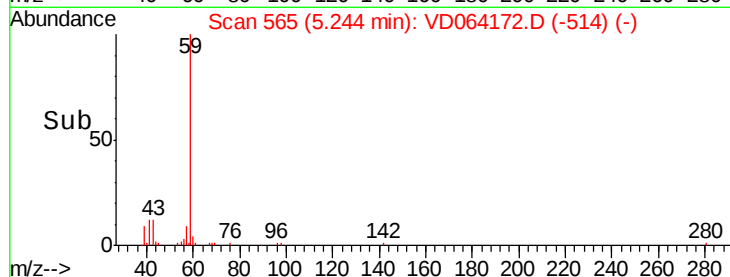
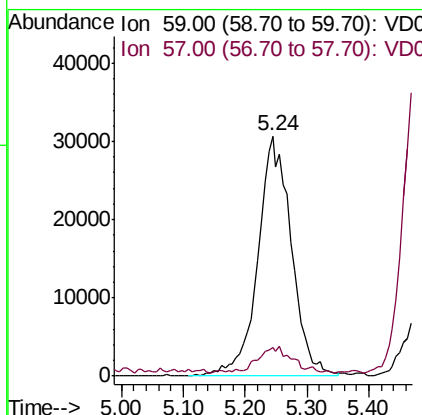
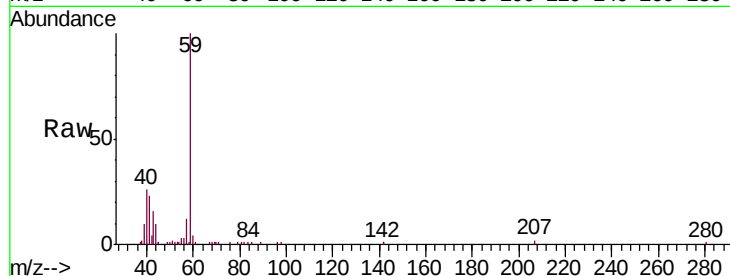




#11
Tert butyl alcohol
Concen: 292.796 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

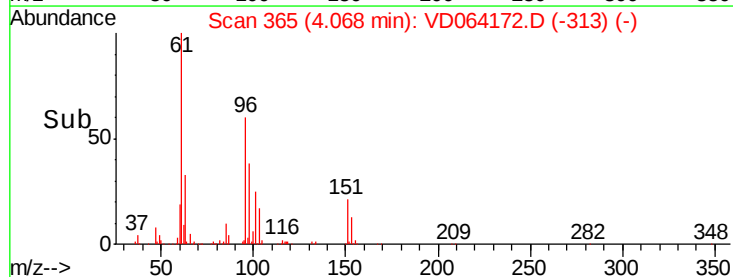
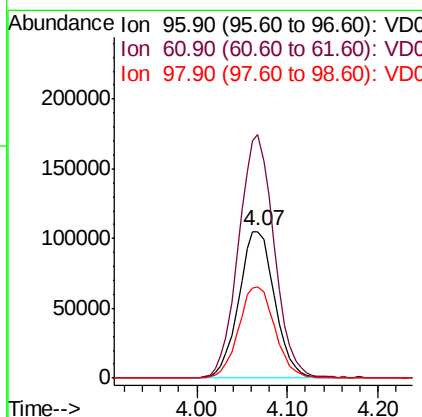
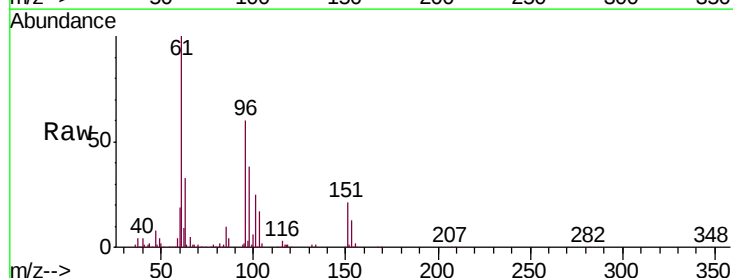
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

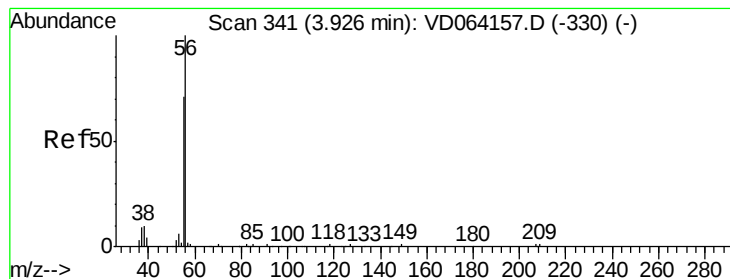
Tgt Ion: 59 Resp: 114931
Ion Ratio Lower Upper
59 100
57 10.6 9.4 14.2



#12
1,1-Dichloroethene
Concen: 48.214 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion: 96 Resp: 288414
Ion Ratio Lower Upper
96 100
61 165.8 127.4 191.2
98 62.6 48.1 72.1





#13

Acrolein

Concen: 305.469 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

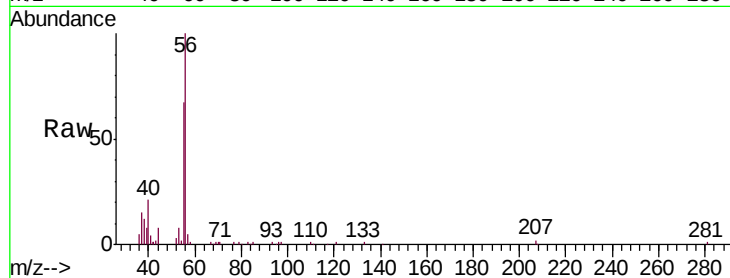
VSTDCCC050EC

Tgt Ion: 56 Resp: 105680

Ion Ratio Lower Upper

56 100

55 71.4 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

40000

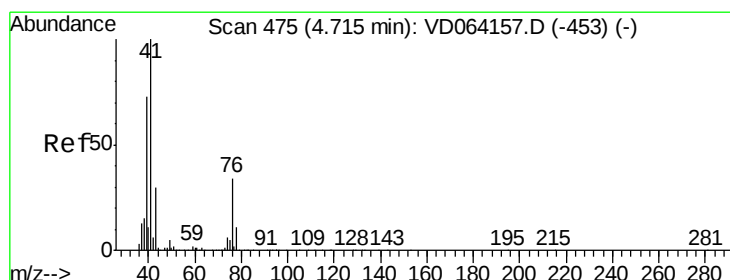
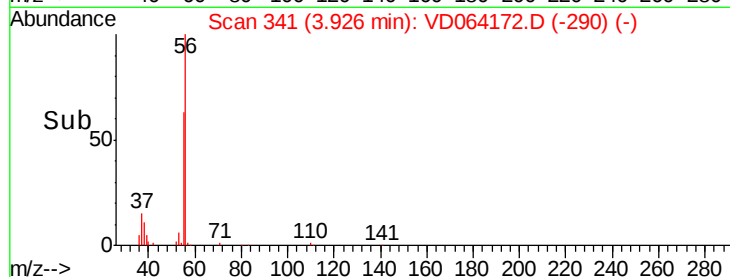
30000

20000

10000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 52.683 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

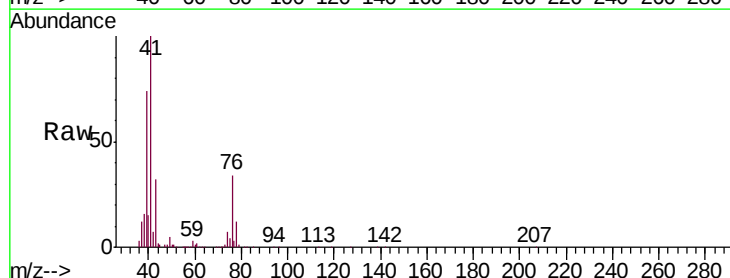
Tgt Ion: 41 Resp: 557210

Ion Ratio Lower Upper

41 100

39 72.5 57.5 86.3

76 33.6 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

250000

200000

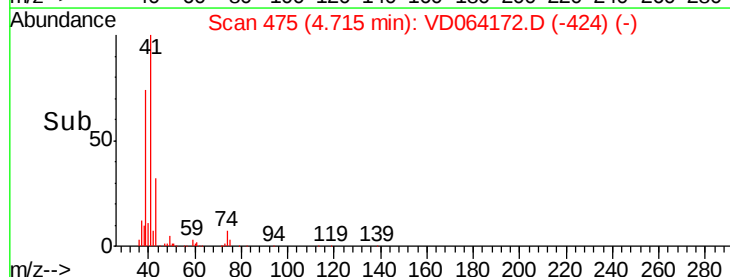
150000

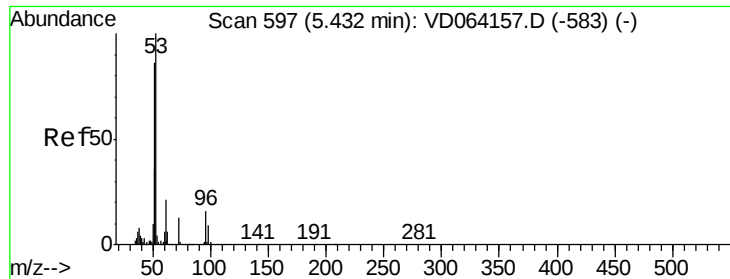
100000

50000

0

Time--> 4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 279.671 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

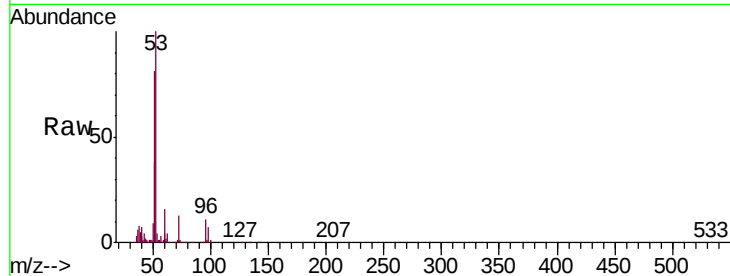
Tgt Ion: 53 Resp: 359962

Ion Ratio Lower Upper

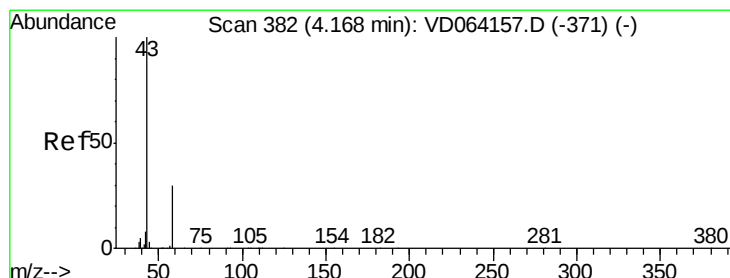
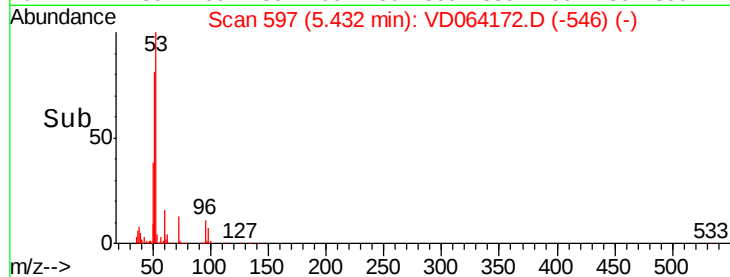
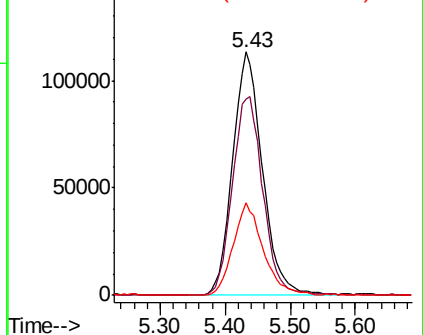
53 100

52 83.4 66.7 100.1

51 37.9 30.6 46.0



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: 266.868 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064172.D

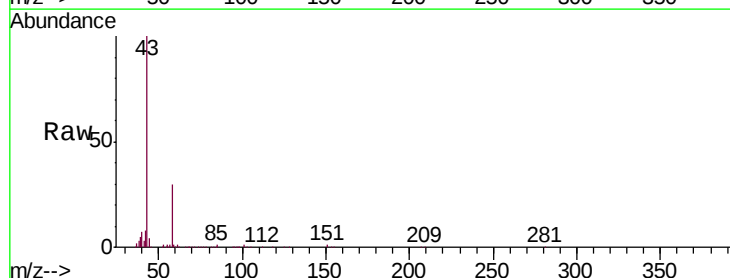
Acq: 08 Nov 2019 23:30

Tgt Ion: 43 Resp: 370161

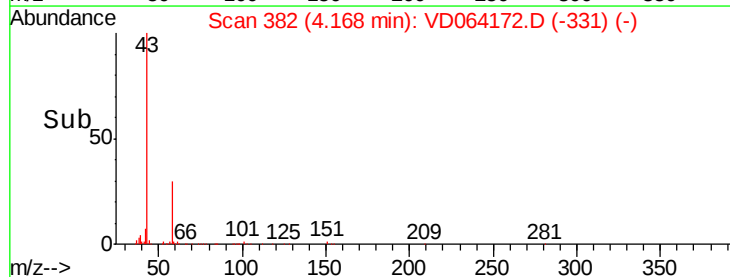
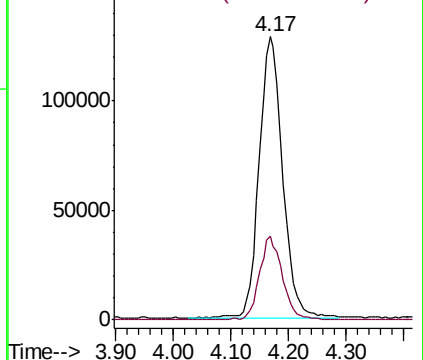
Ion Ratio Lower Upper

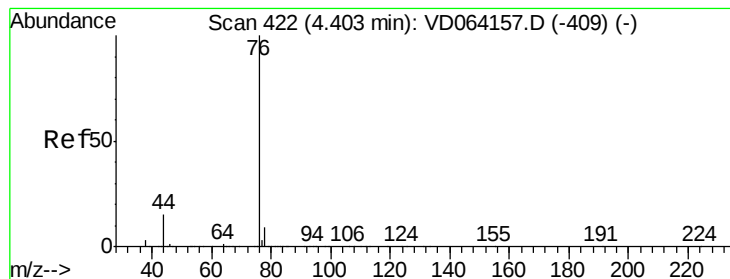
43 100

58 29.5 24.1 36.1



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





#17

Carbon Disulfide

Concen: 49.930 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.01 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

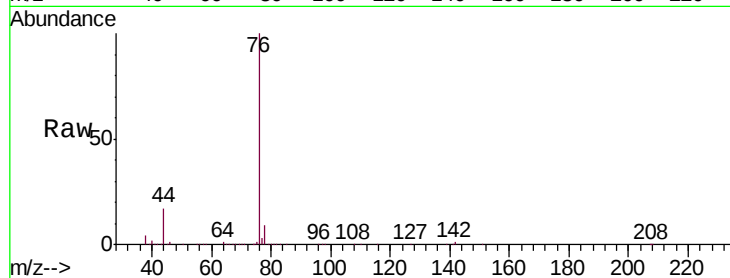
VSTDCCC050EC

Tgt Ion: 76 Resp: 930158

Ion Ratio Lower Upper

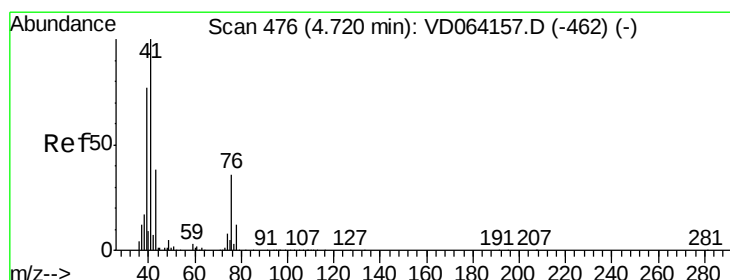
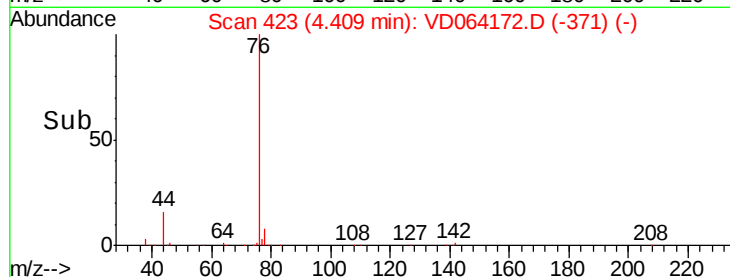
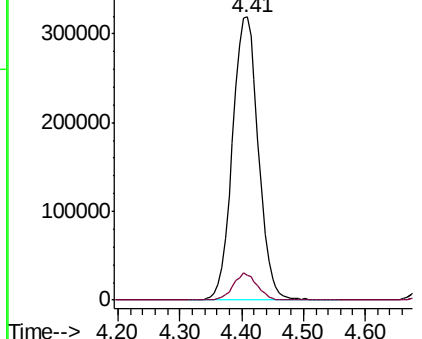
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 54.713 ug/l

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD064172.D

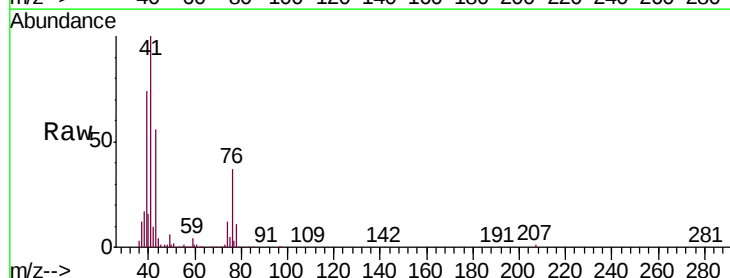
Acq: 08 Nov 2019 23:30

Tgt Ion: 43 Resp: 211962

Ion Ratio Lower Upper

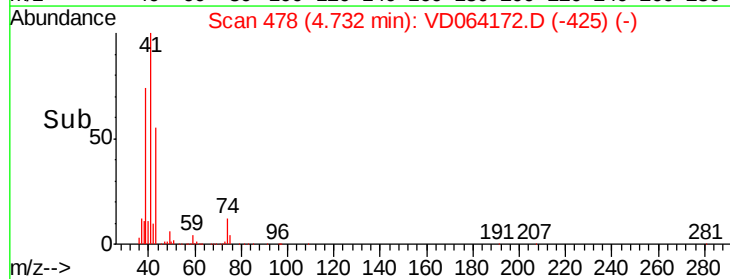
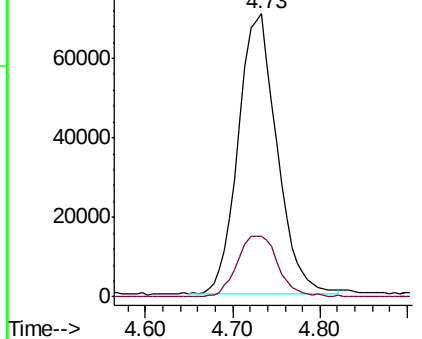
43 100

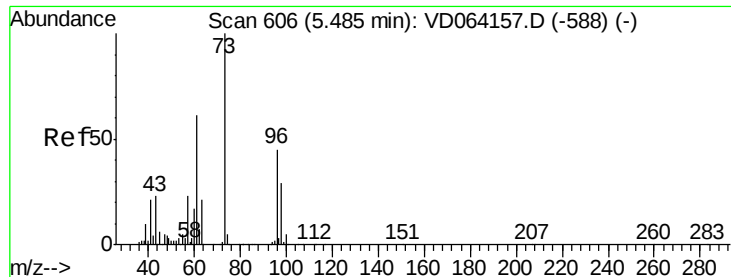
74 23.0 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



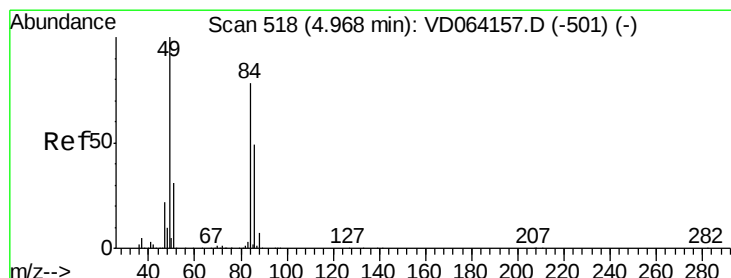
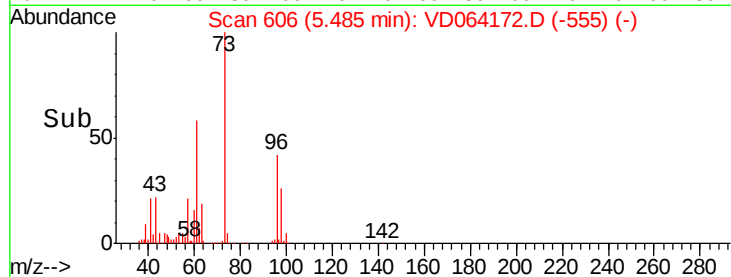
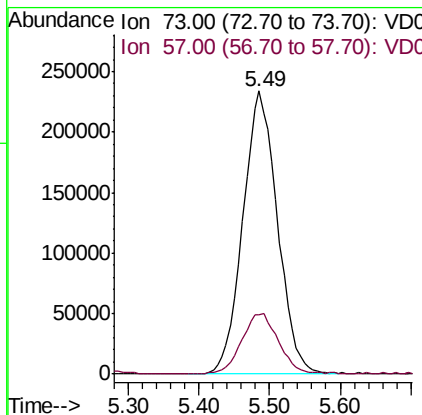
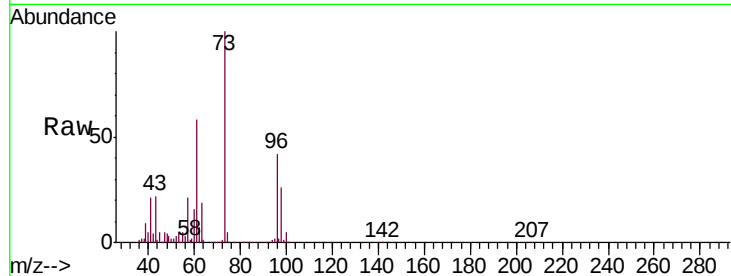


#19

Methyl tert-butyl Ether
 Concen: 55.922 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

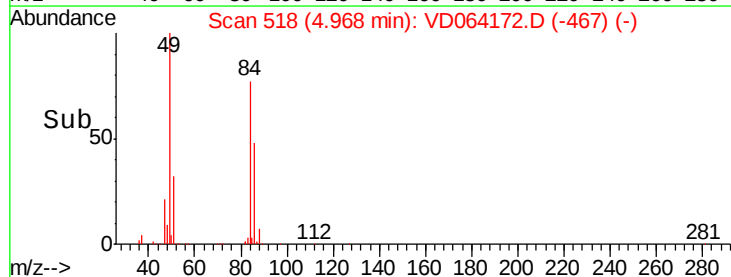
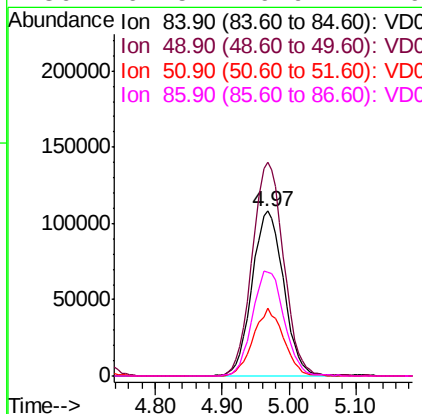
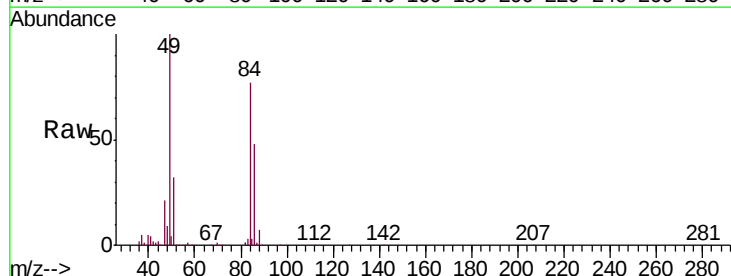
Tgt Ion: 73 Resp: 798609
 Ion Ratio Lower Upper
 73 100
 57 20.8 18.4 27.6

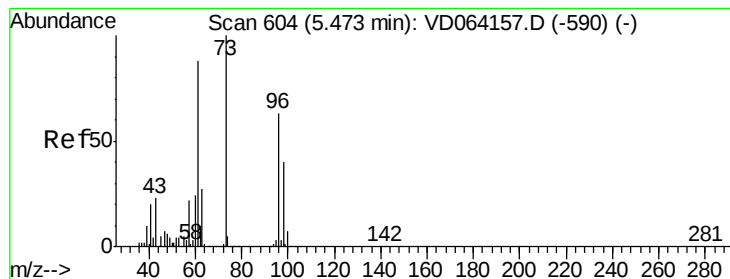


#20

Methylene Chloride
 Concen: 50.474 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion: 84 Resp: 353643
 Ion Ratio Lower Upper
 84 100
 49 129.5 102.1 153.1
 51 41.2 32.2 48.2
 86 62.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.840 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

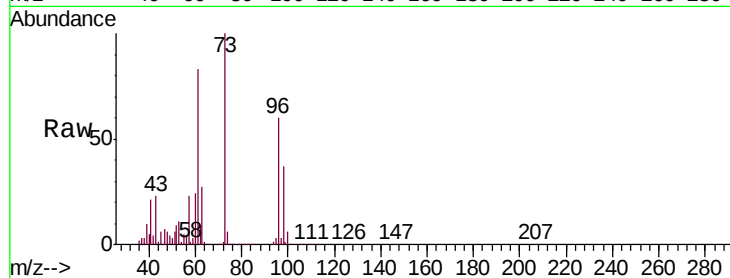
Tgt Ion: 96 Resp: 344563

Ion Ratio Lower Upper

96 100

61 137.1 111.8 167.6

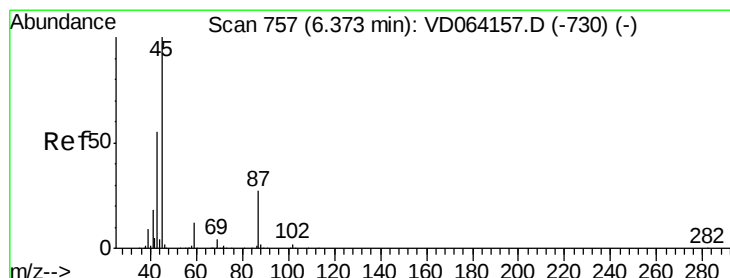
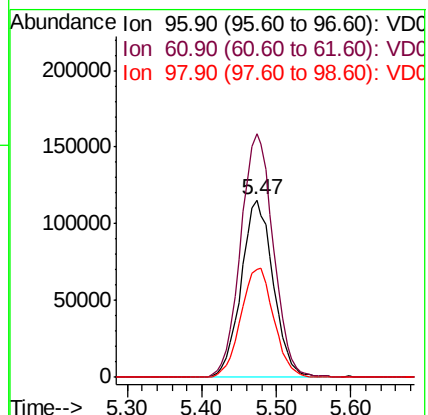
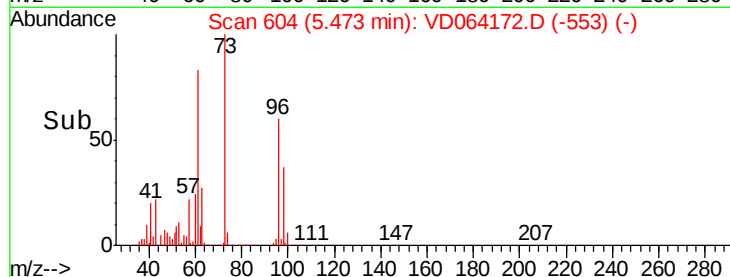
98 61.0 50.3 75.5



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: 55.103 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Tgt Ion: 45 Resp: 1081350

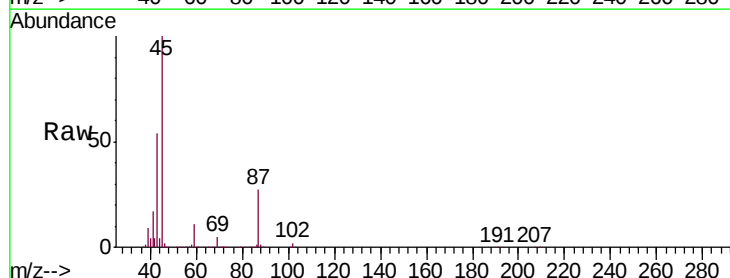
Ion Ratio Lower Upper

45 100

43 52.8 44.4 66.6

87 27.3 21.9 32.9

59 10.9 9.4 14.2

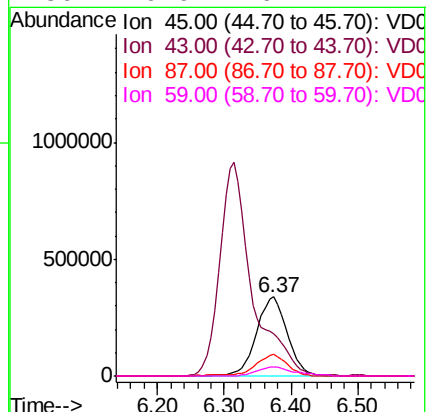
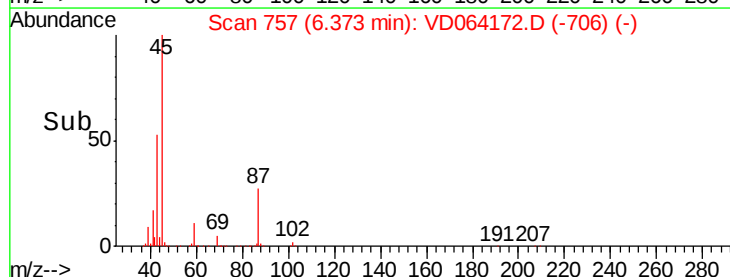


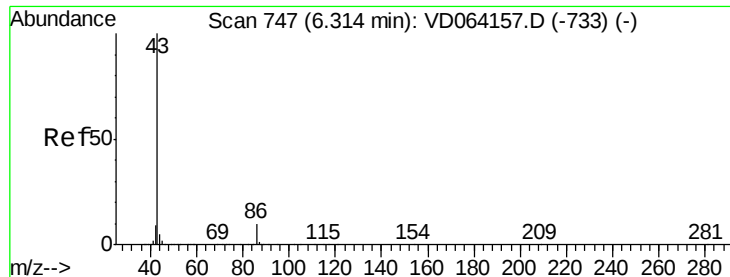
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 283.944 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

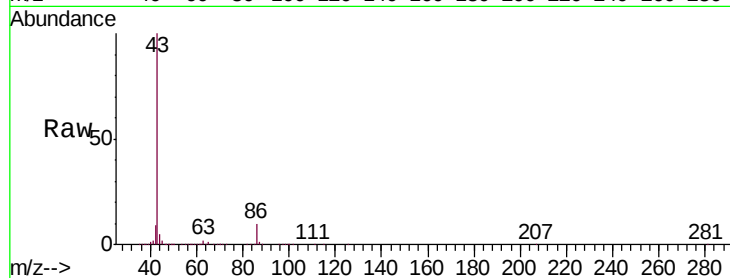
VSTDCCC050EC

Tgt Ion: 43 Resp: 3106074

Ion Ratio Lower Upper

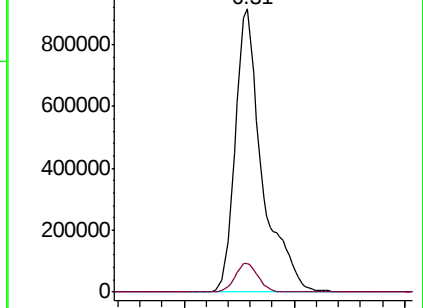
43 100

86 10.1 8.2 12.2

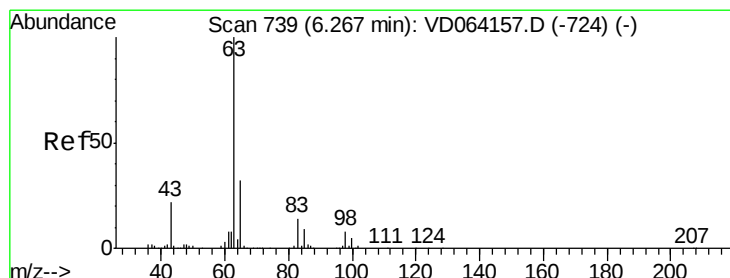
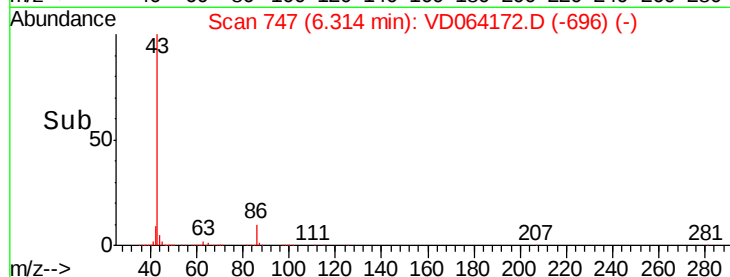


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 53.318 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

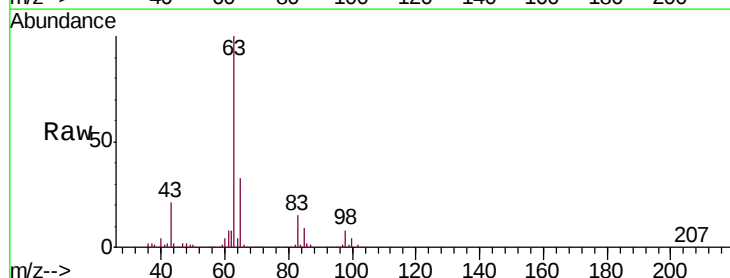
Tgt Ion: 63 Resp: 607523

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

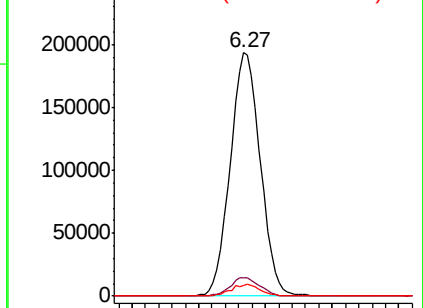
100 4.5 2.4 7.2



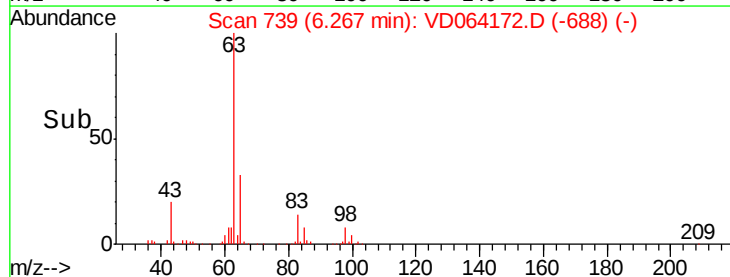
Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->





#25

2-Butanone

Concen: 273.880 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

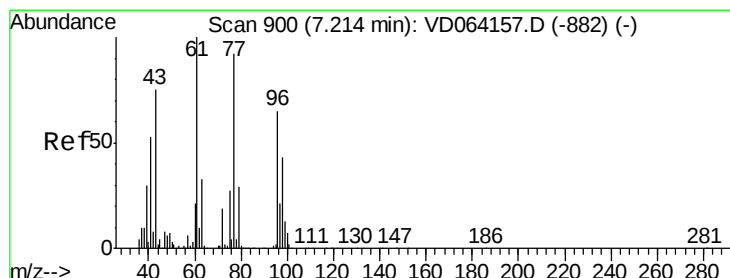
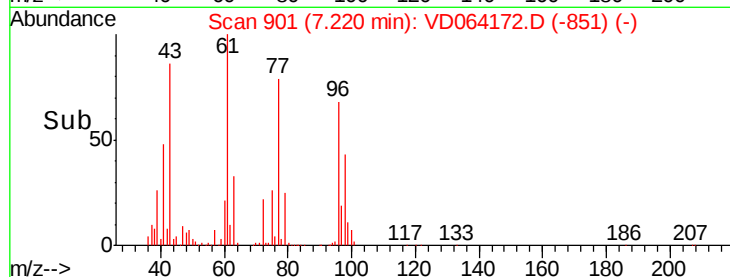
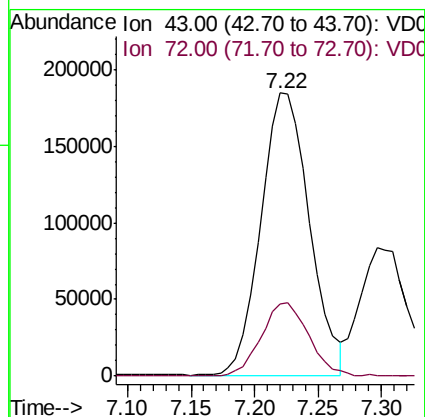
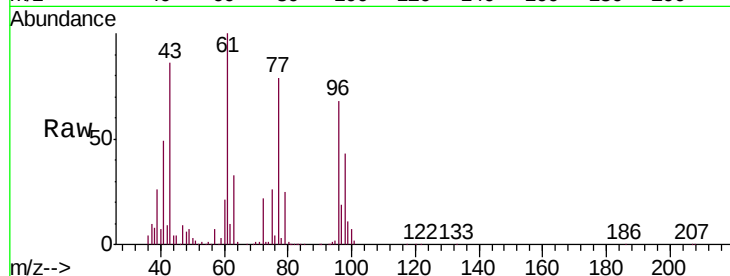
VSTDCCC050EC

Tgt Ion: 43 Resp: 490793

Ion Ratio Lower Upper

43 100

72 25.7 20.6 30.8



#26

2,2-Dichloropropane

Concen: 46.318 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD064172.D

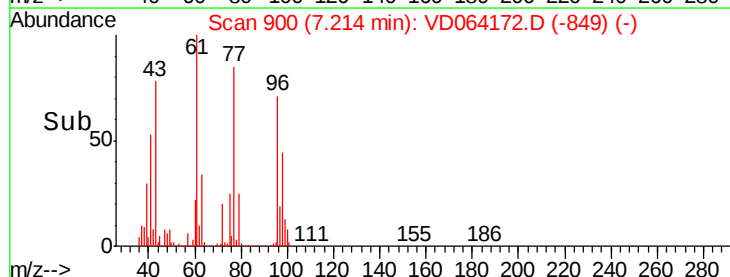
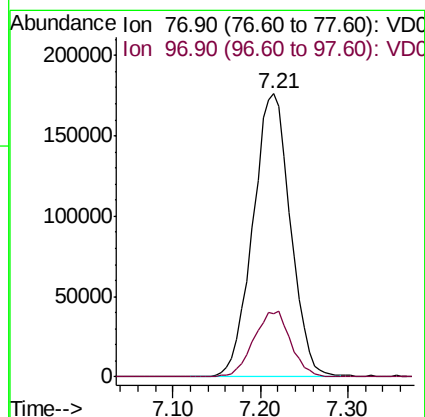
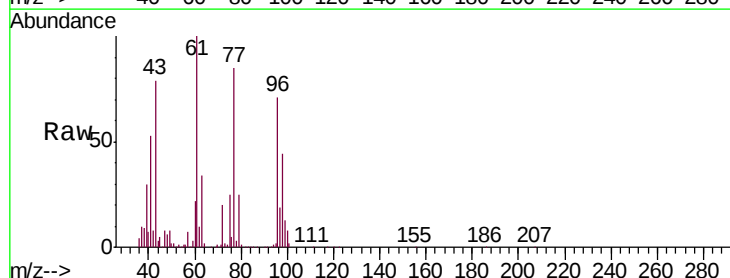
Acq: 08 Nov 2019 23:30

Tgt Ion: 77 Resp: 517577

Ion Ratio Lower Upper

77 100

97 22.9 11.1 33.3



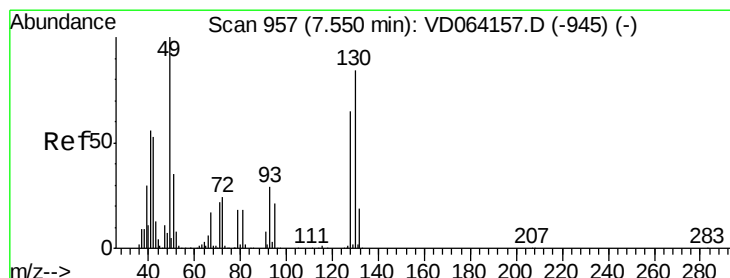
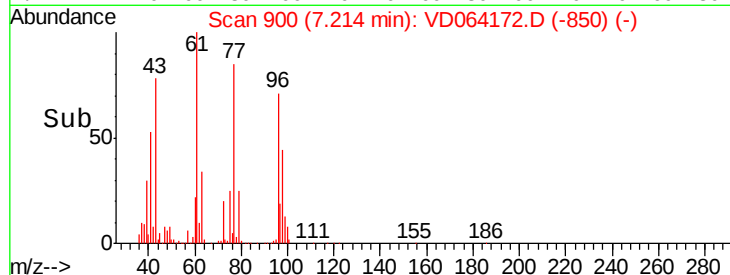
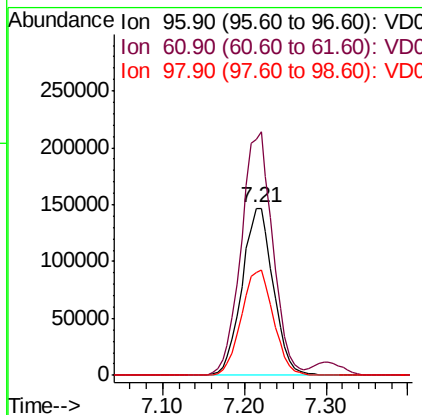
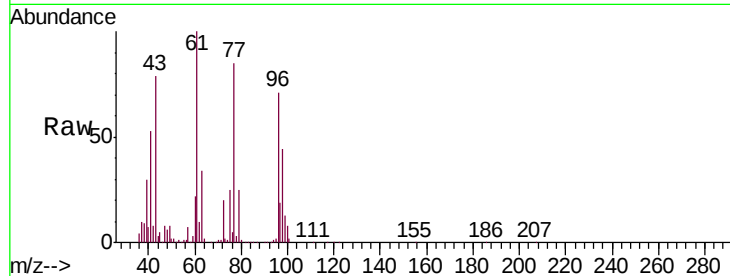


#27

cis-1,2-Dichloroethene
Concen: 53.840 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

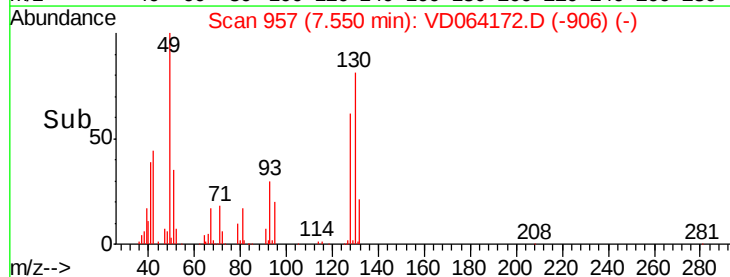
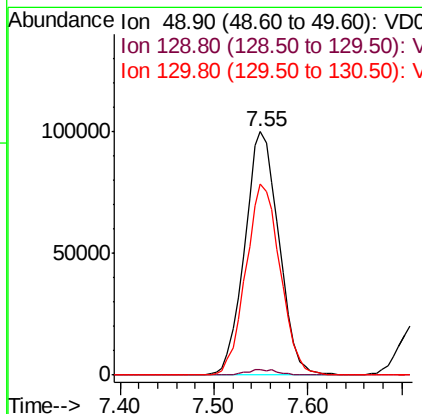
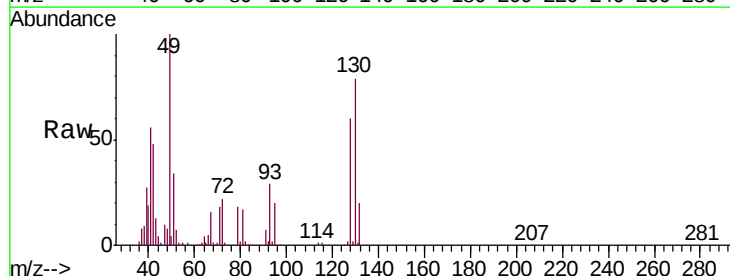
Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	301.4
98	64.5	0.0	133.2

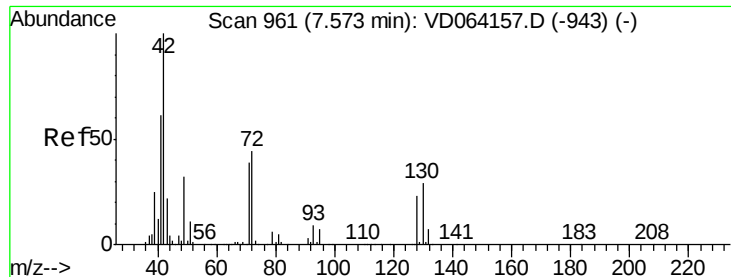


#28

Bromochloromethane
Concen: 63.322 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	79.1	66.8	100.2





#29

Tetrahydrofuran

Concen: 282.889 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

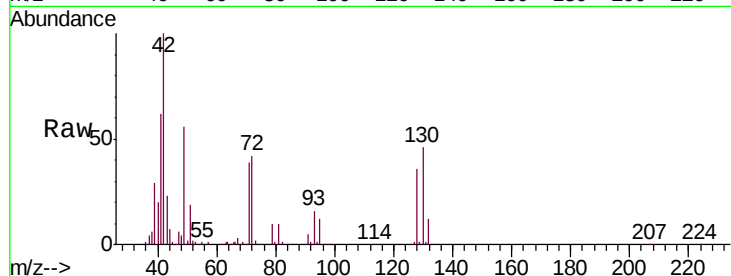
Tgt Ion: 42 Resp: 304579

Ion Ratio Lower Upper

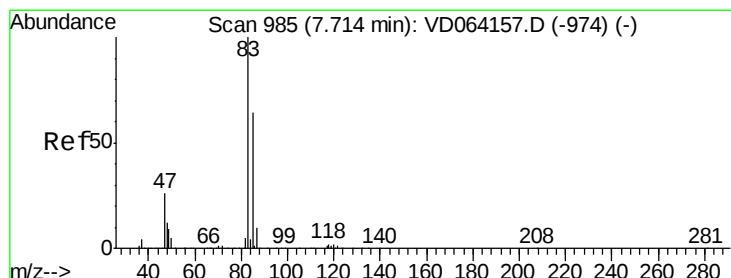
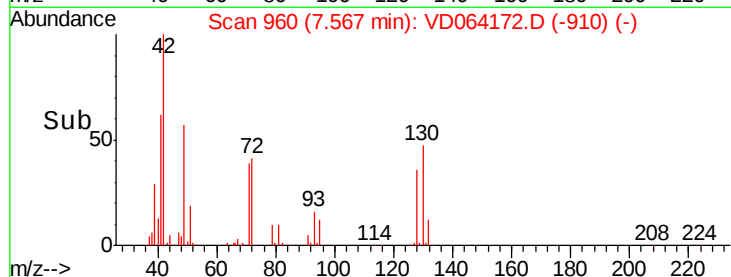
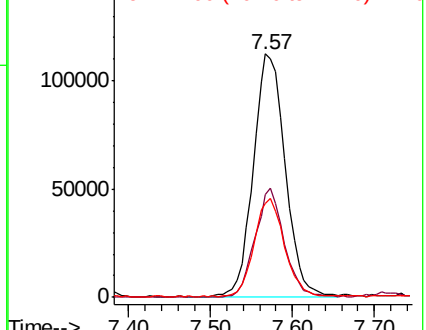
42 100

72 41.1 33.4 50.2

71 38.3 31.0 46.4



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



#30

Chloroform

Concen: 54.243 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064172.D

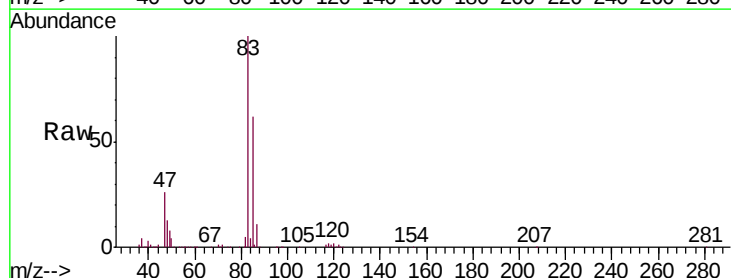
Acq: 08 Nov 2019 23:30

Tgt Ion: 83 Resp: 632217

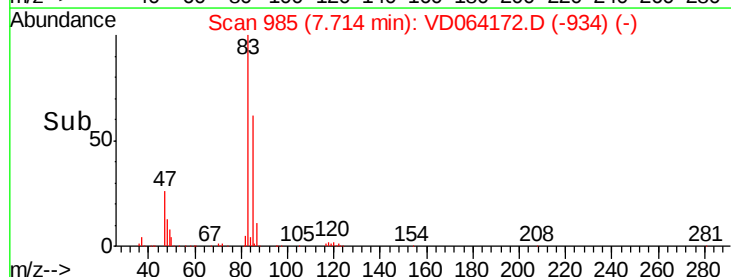
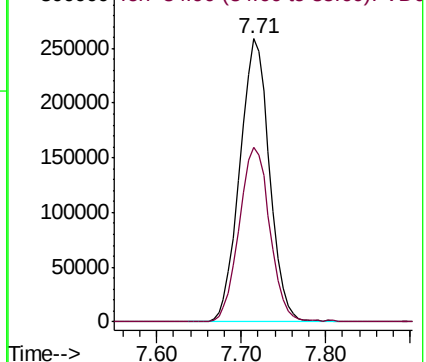
Ion Ratio Lower Upper

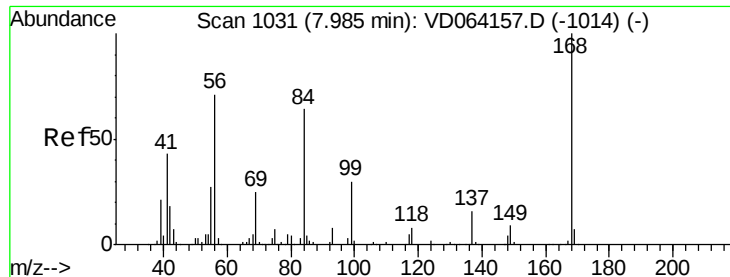
83 100

85 61.6 51.4 77.0



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

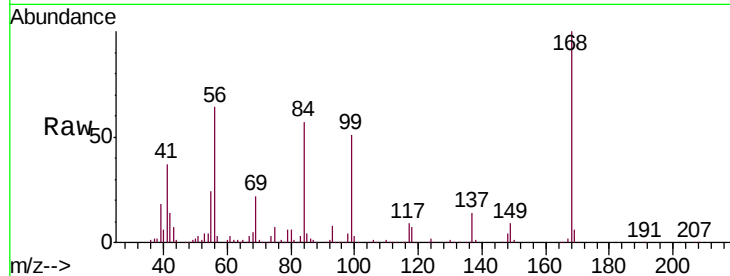




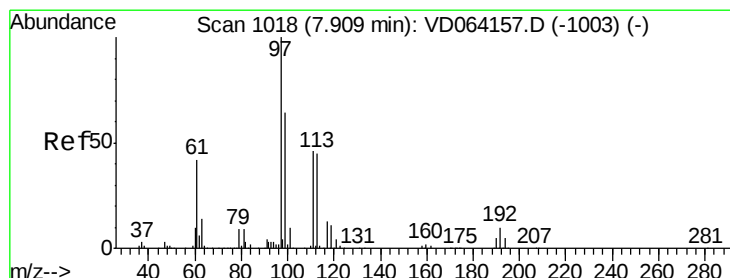
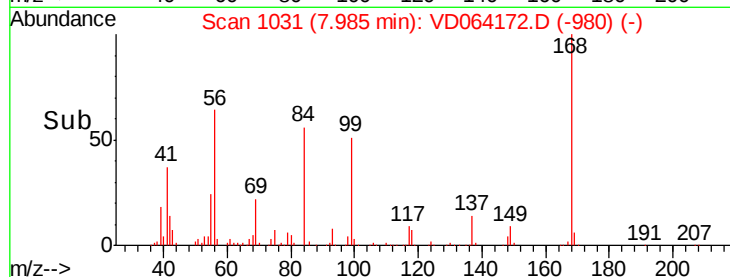
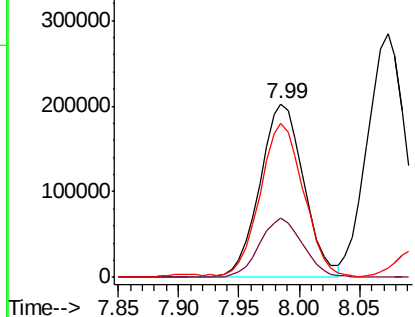
#31
Cyclohexane
Concen: 44.625 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 512812
Ion Ratio Lower Upper
56 100
69 34.3 28.2 42.4
84 87.2 71.8 107.6

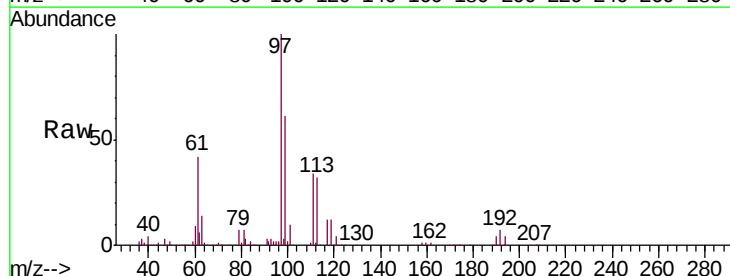


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

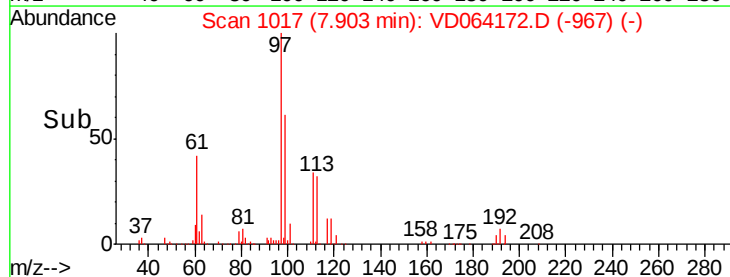
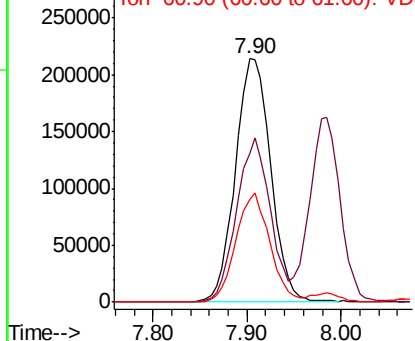


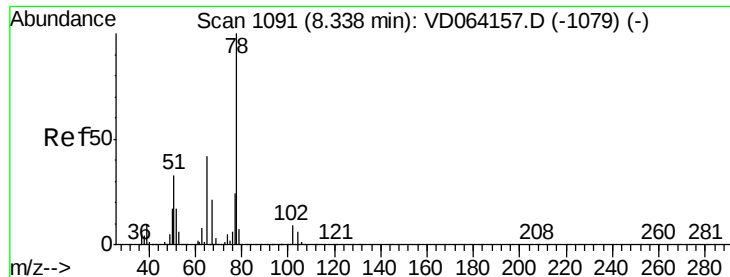
#32
1,1,1-Trichloroethane
Concen: 50.057 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion: 97 Resp: 558655
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 43.2 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

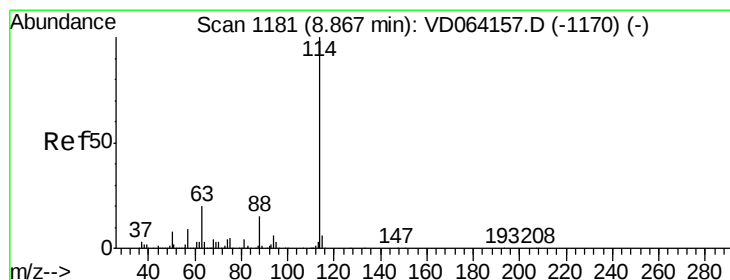
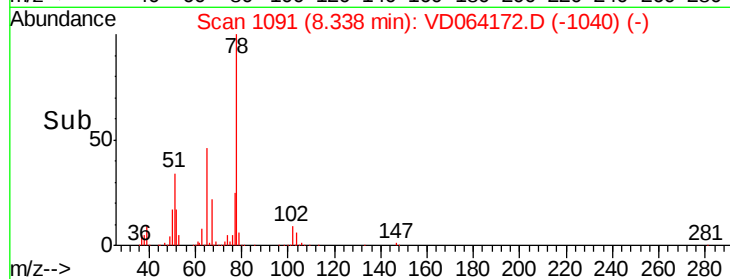
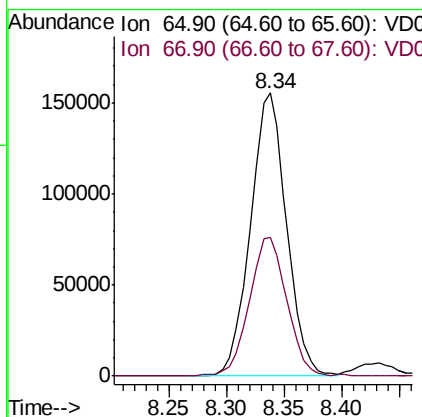
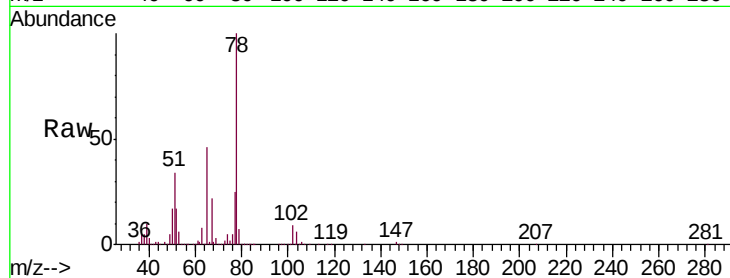




#33
 1,2-Dichloroethane-d4
 Concen: 57.820 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

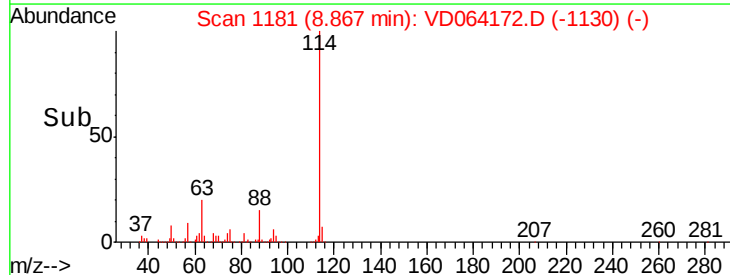
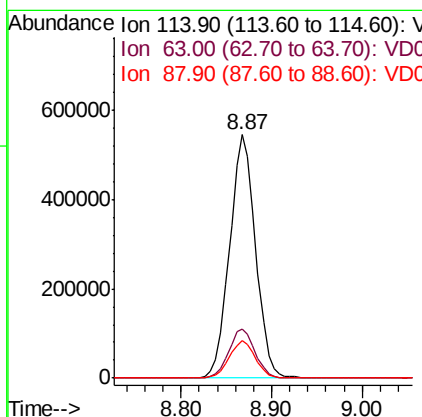
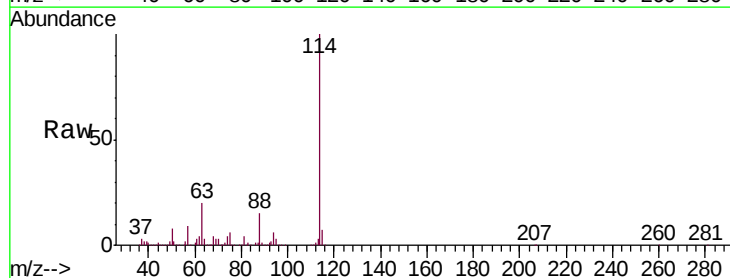
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

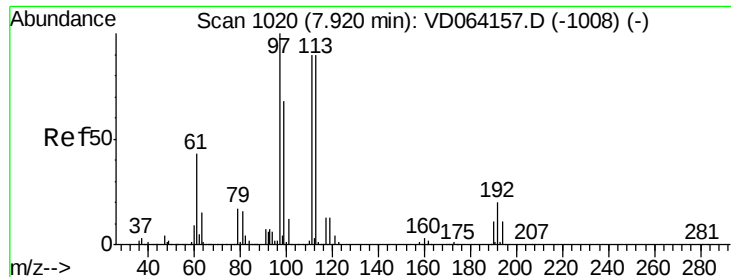
Tgt Ion: 65 Resp: 338535
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion: 114 Resp: 1084275
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.3 0.0 30.2

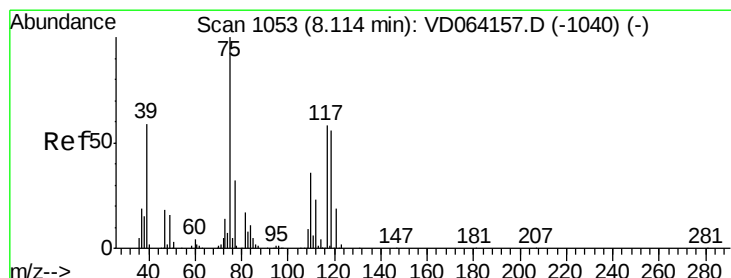
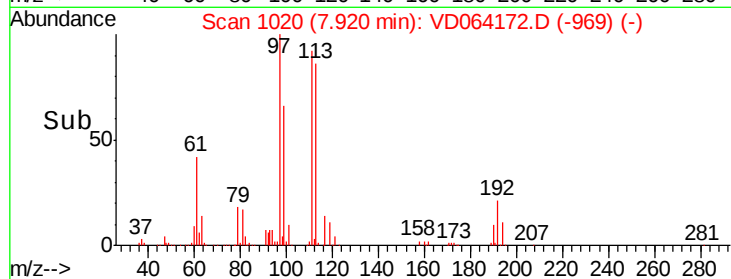
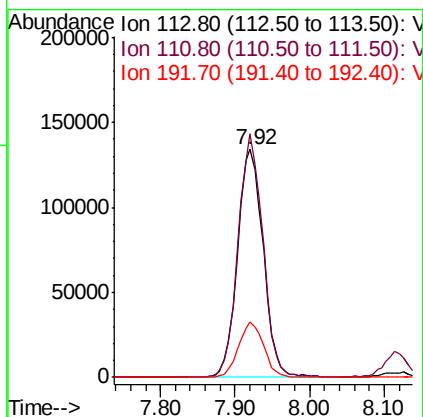
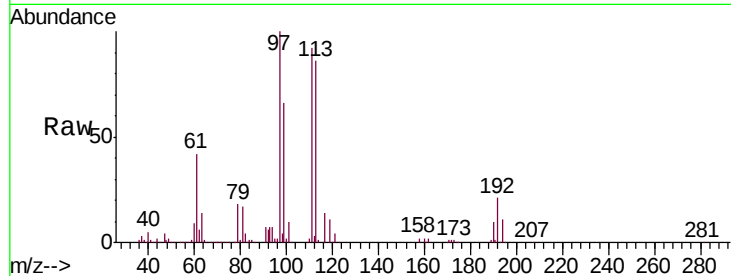




#35
 Dibromofluoromethane
 Concen: 51.688 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

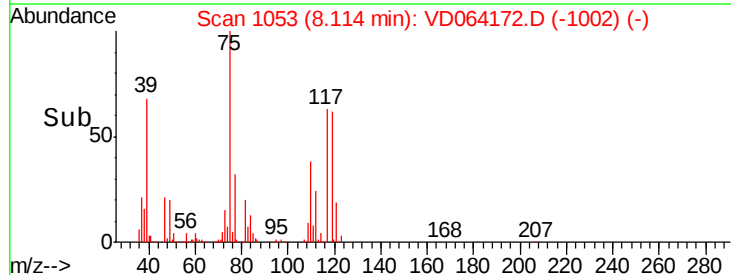
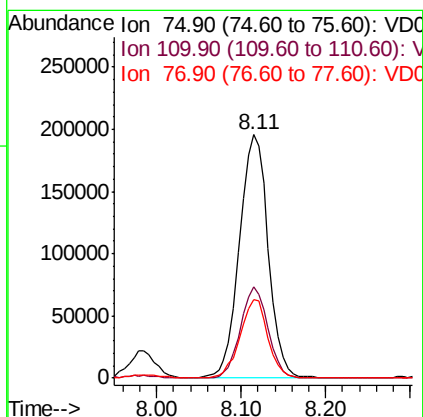
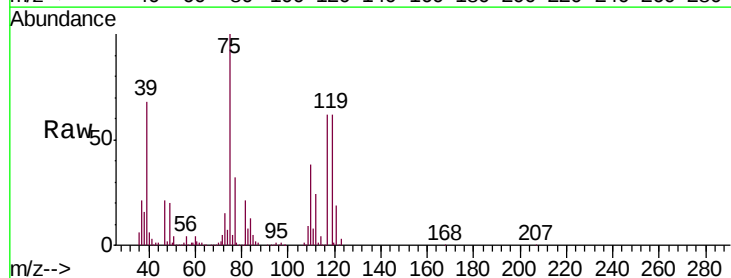
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 321702
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.5 122.3
 192 23.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 46.074 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion: 75 Resp: 461059
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.3 54.9
 77 31.0 25.0 37.6

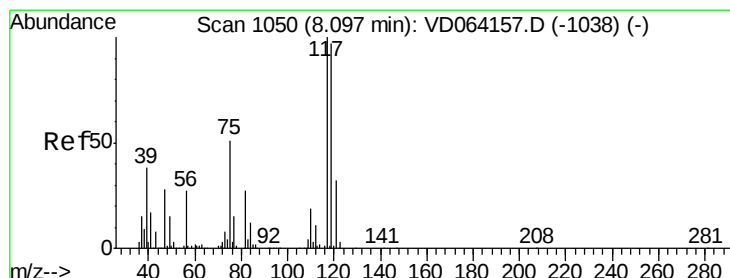
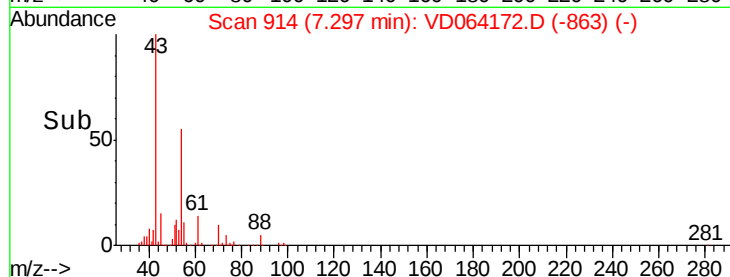
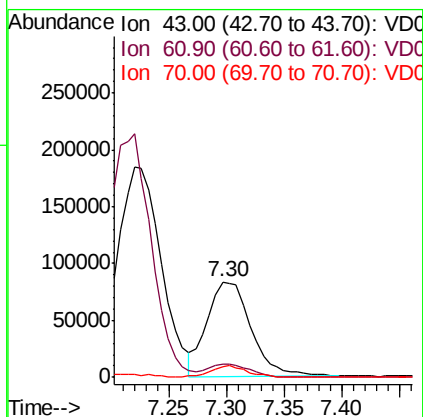
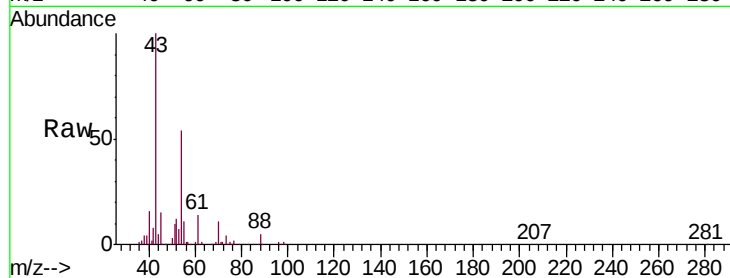




#37
Ethyl Acetate
Concen: 52.049 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

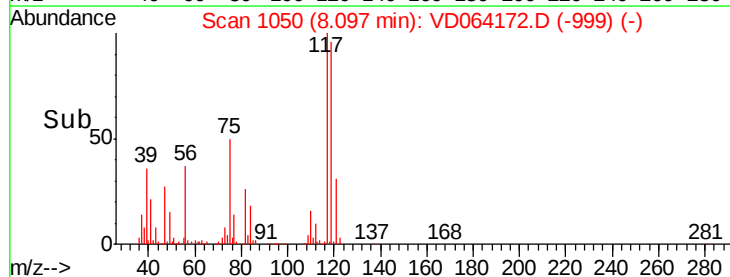
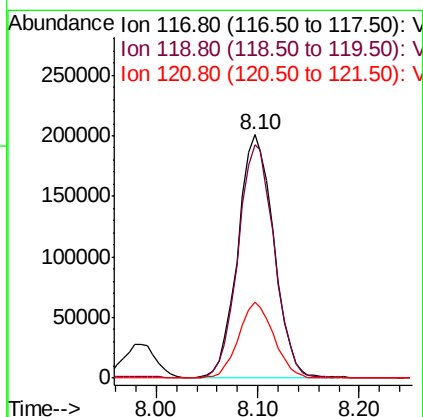
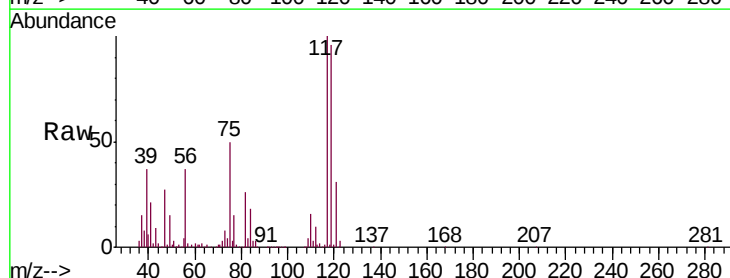
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

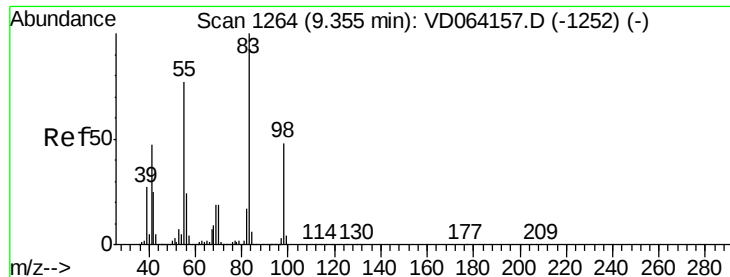
Tgt Ion: 43 Resp: 219578
Ion Ratio Lower Upper
43 100
61 13.3 10.2 15.2
70 9.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 45.784 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion: 117 Resp: 490235
Ion Ratio Lower Upper
117 100
119 96.3 77.2 115.8
121 31.5 25.5 38.3

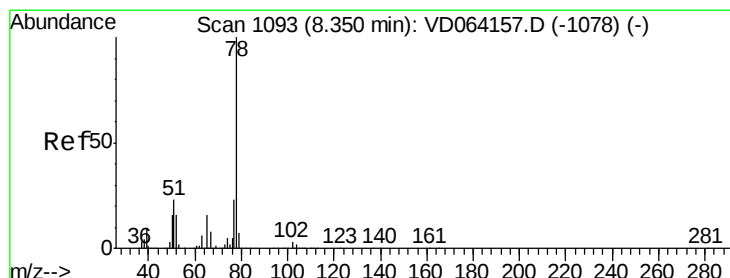
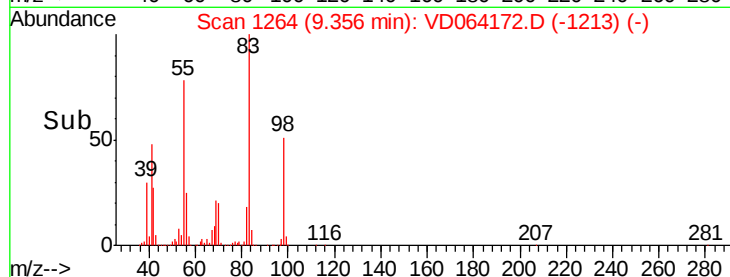
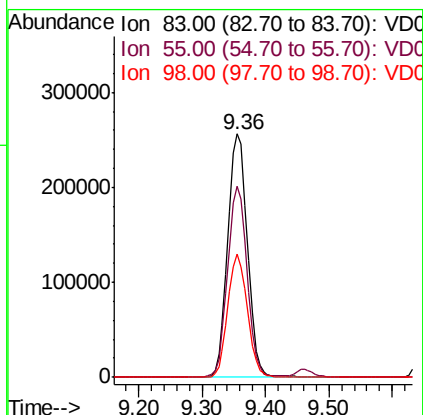
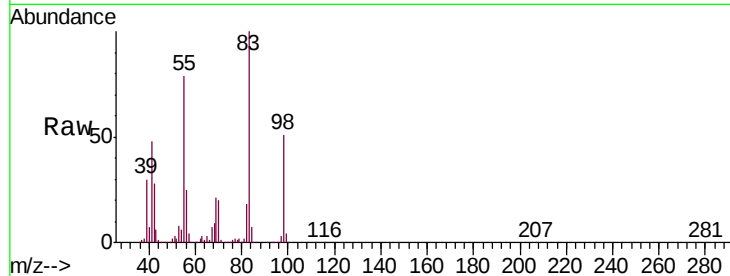




#39
Methylcyclohexane
Concen: 43.187 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

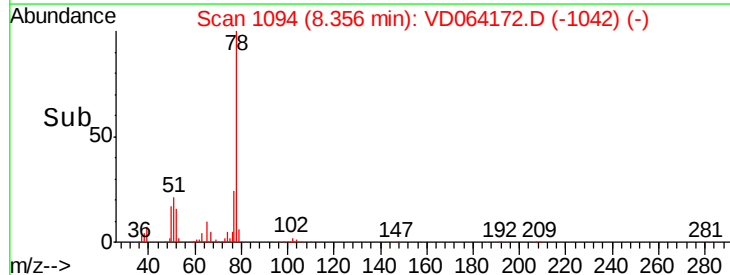
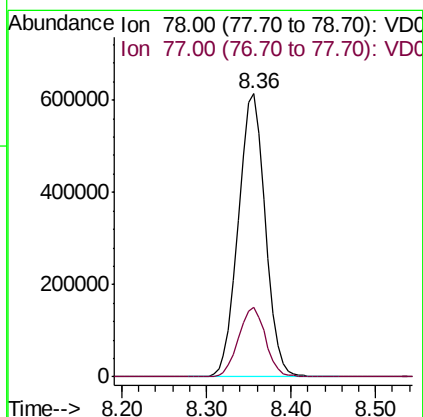
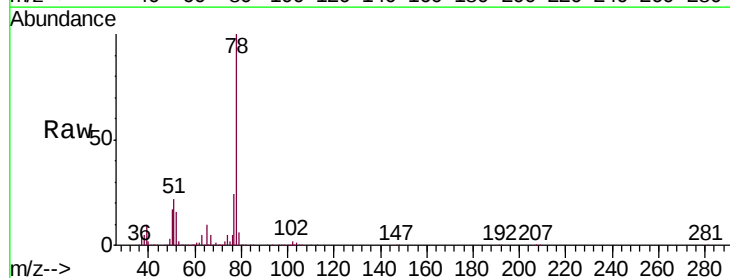
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

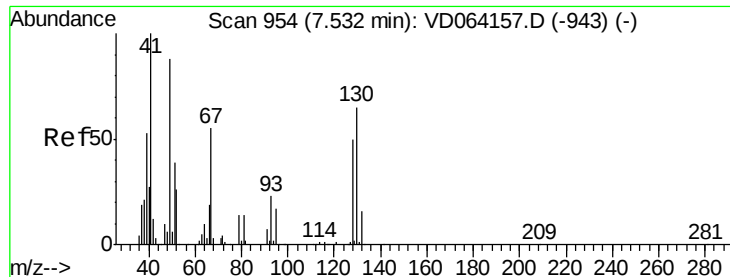
Tgt Ion: 83 Resp: 546854
Ion Ratio Lower Upper
83 100
55 78.4 61.7 92.5
98 50.5 38.6 58.0



#40
Benzene
Concen: 49.658 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion: 78 Resp: 1358113
Ion Ratio Lower Upper
78 100
77 24.5 18.6 28.0

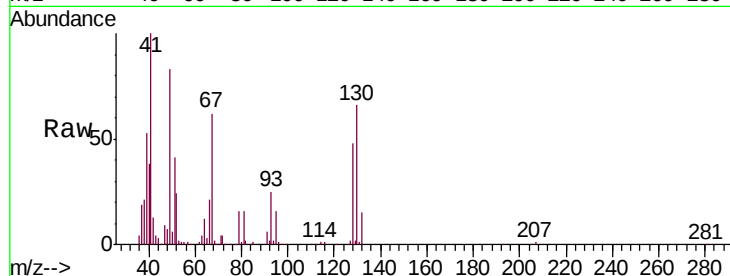




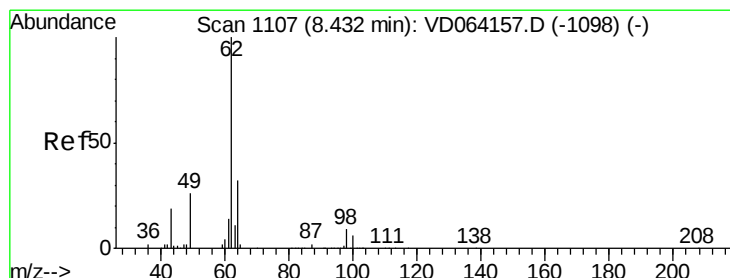
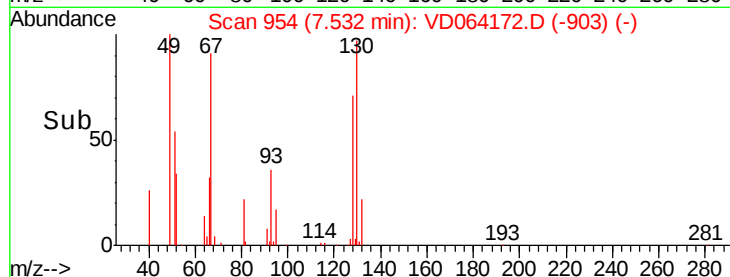
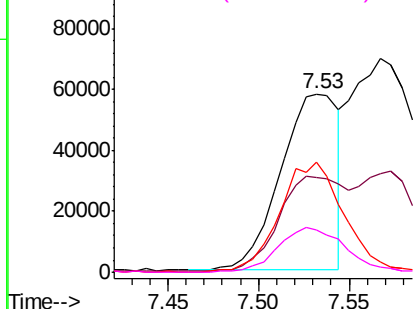
#41
Methacrylonitrile
Concen: 48.453 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	128474
Ion	Ratio	Lower	Upper
41	100		
39	62.1	49.4	74.2
67	70.2	49.6	74.4
52	29.9	21.4	32.0

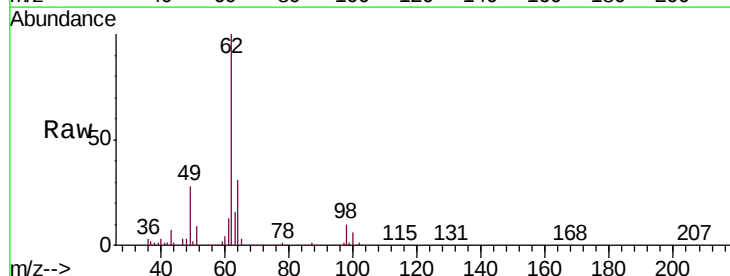


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

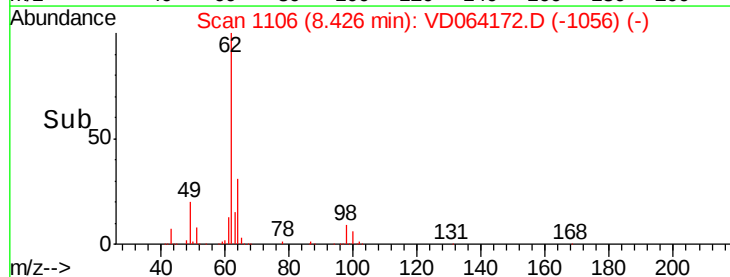
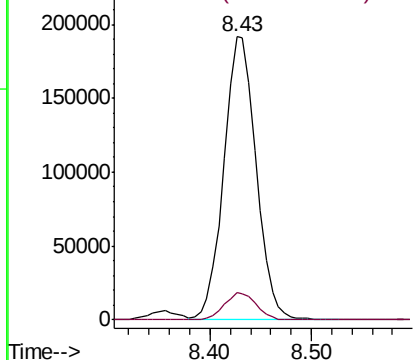


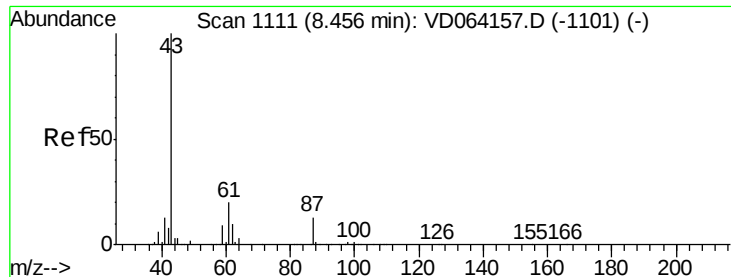
#42
1,2-Dichloroethane
Concen: 51.535 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion:	62	Resp:	423311
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 52.271 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

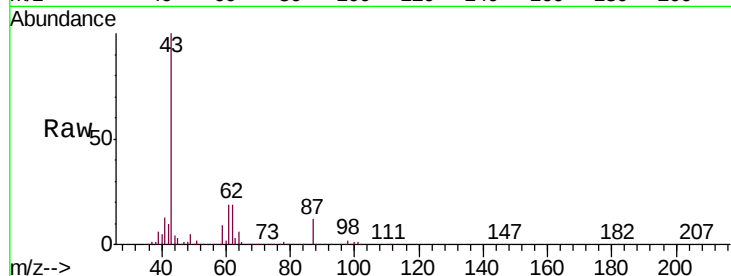
Tgt Ion: 43 Resp: 454354

Ion Ratio Lower Upper

43 100

61 28.1 22.9 34.3

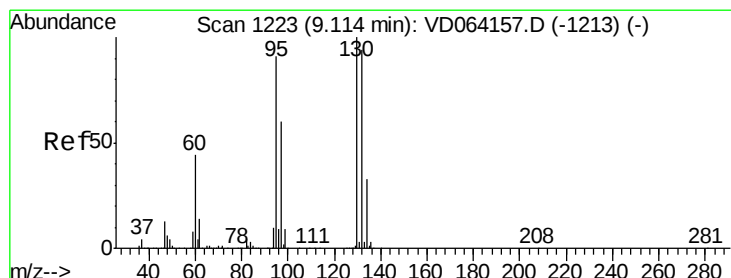
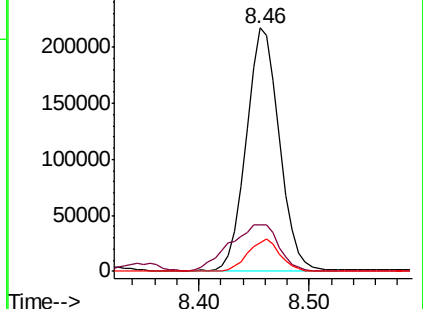
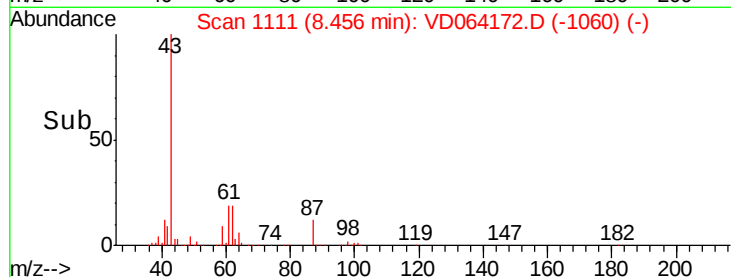
87 13.0 10.2 15.2



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: 47.992 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064172.D

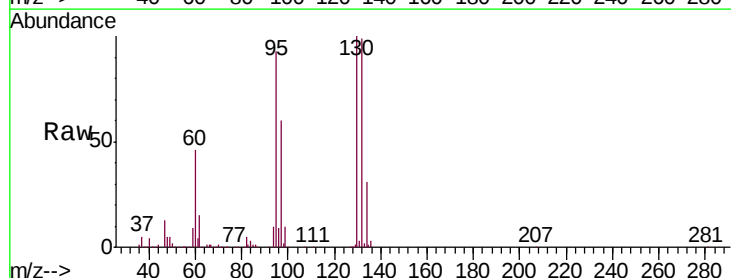
Acq: 08 Nov 2019 23:30

Tgt Ion: 130 Resp: 393938

Ion Ratio Lower Upper

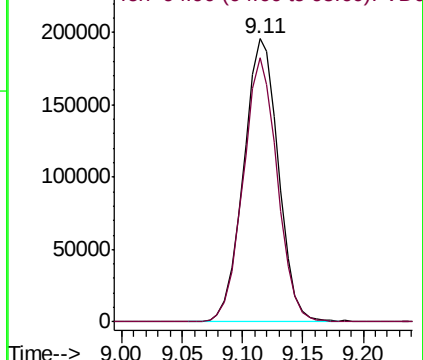
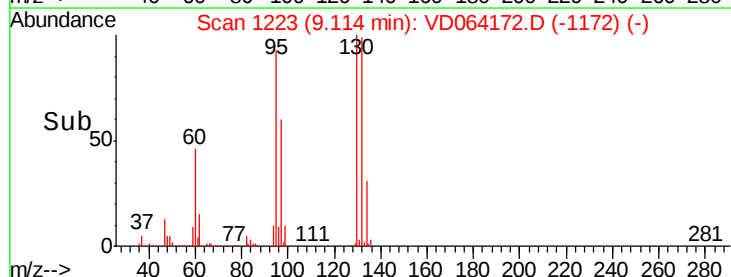
130 100

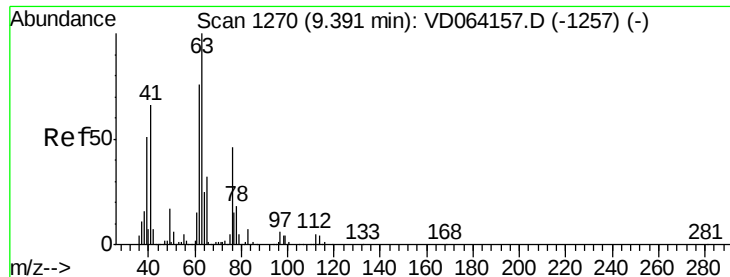
95 93.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.579 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

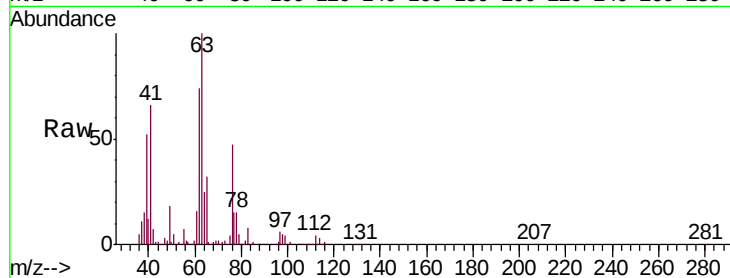
VSTDCCC050EC

Tgt Ion: 63 Resp: 336688

Ion Ratio Lower Upper

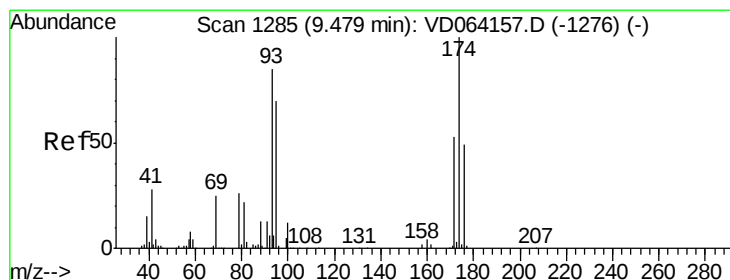
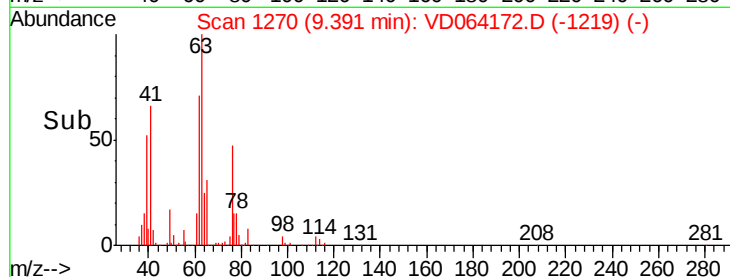
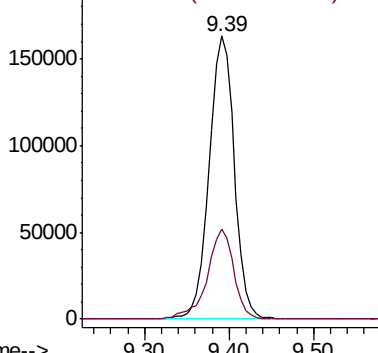
63 100

65 31.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.859 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

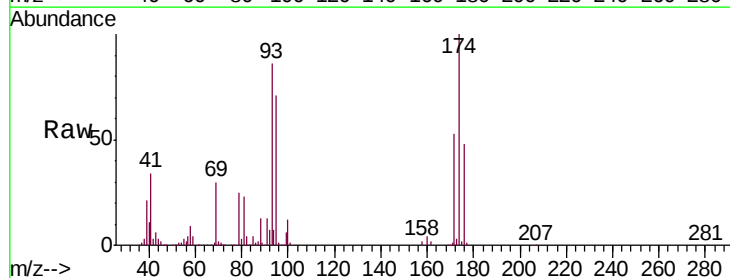
Tgt Ion: 93 Resp: 184810

Ion Ratio Lower Upper

93 100

95 82.2 65.5 98.3

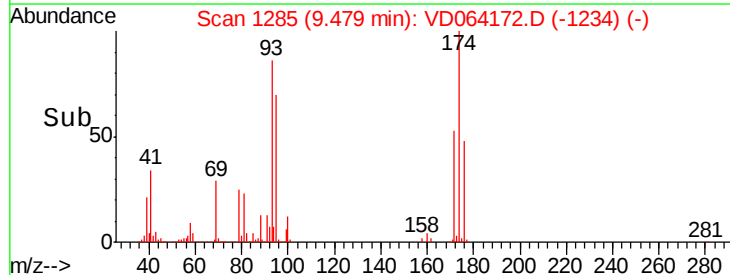
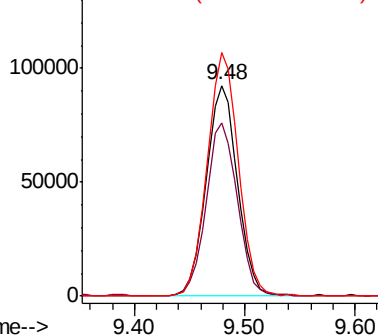
174 115.4 93.9 140.9

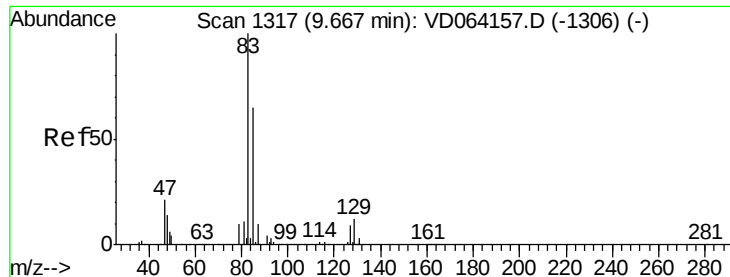


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.286 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

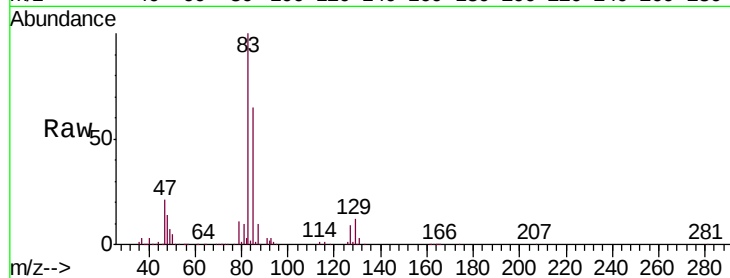
Tgt Ion: 83 Resp: 492304

Ion Ratio Lower Upper

83 100

85 65.2 52.2 78.4

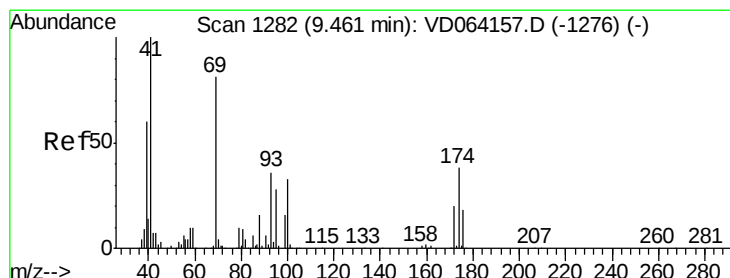
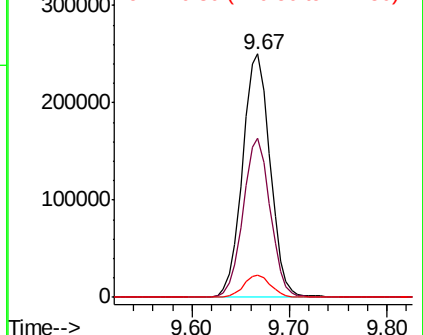
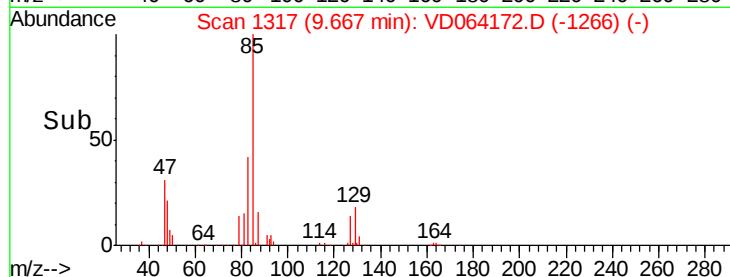
127 8.9 7.5 11.3



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: 49.648 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

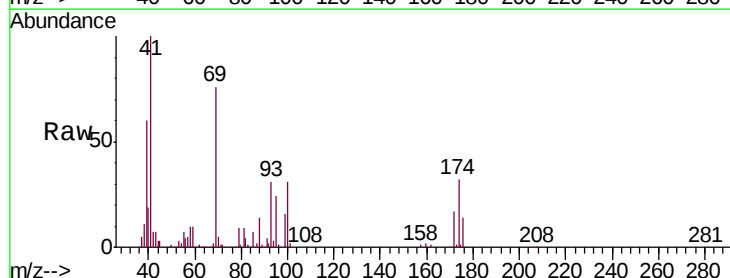
Tgt Ion: 41 Resp: 211018

Ion Ratio Lower Upper

41 100

69 82.0 64.6 97.0

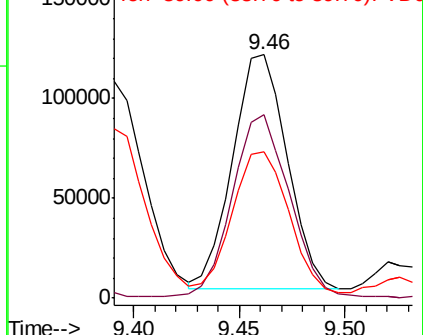
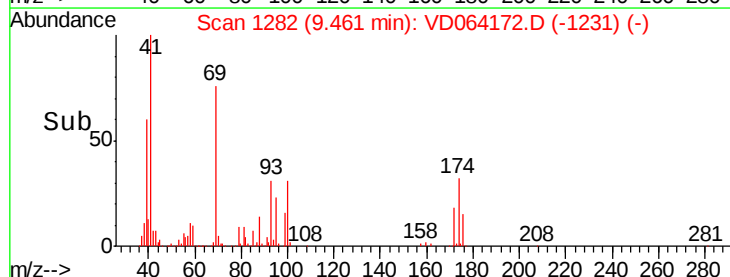
39 66.5 48.2 72.2

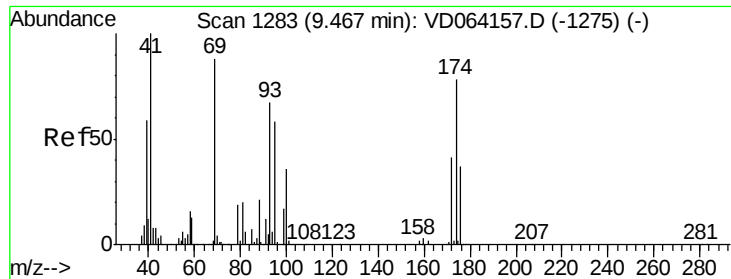


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

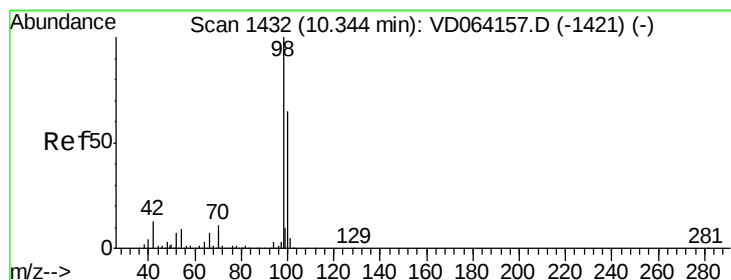
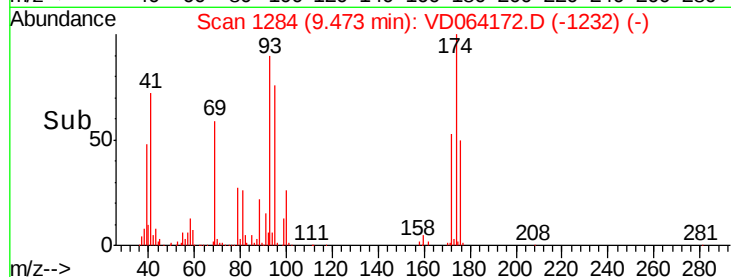
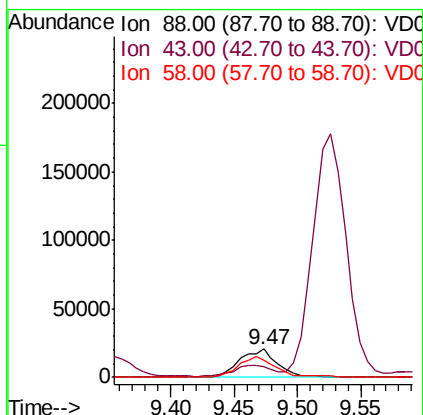
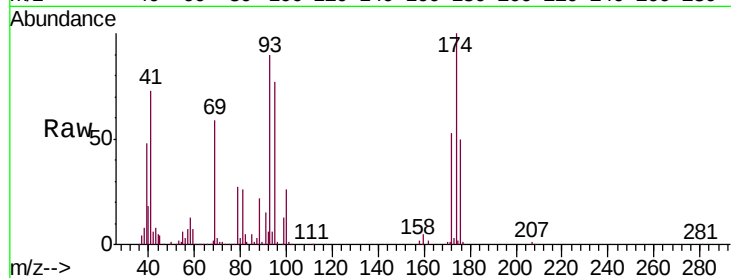




#49
1,4-Dioxane
Concen: 982.663 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

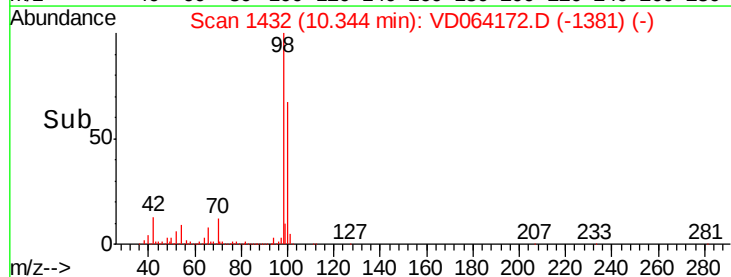
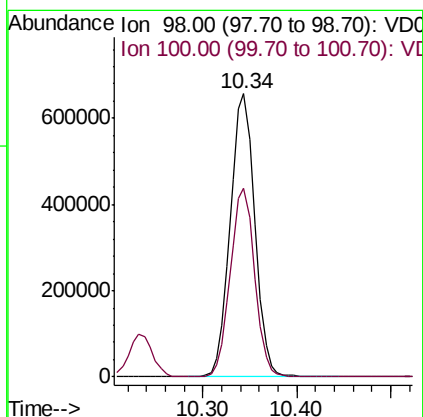
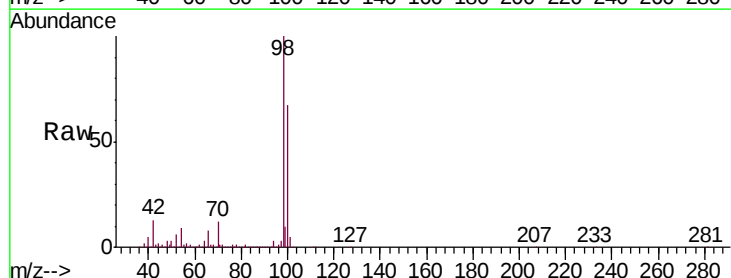
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

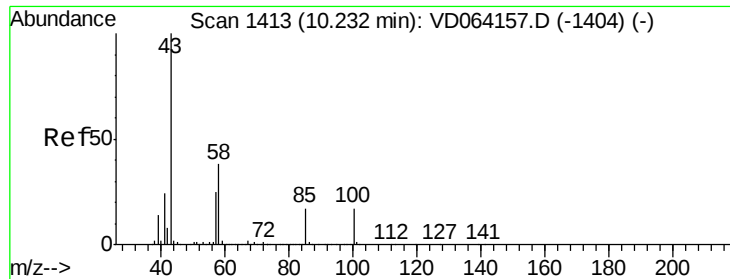
Tgt Ion: 88 Resp: 42058
Ion Ratio Lower Upper
88 100
43 41.4 29.8 44.8
58 72.4 58.1 87.1



#50
Toluene-d8
Concen: 50.871 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion: 98 Resp: 1194409
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

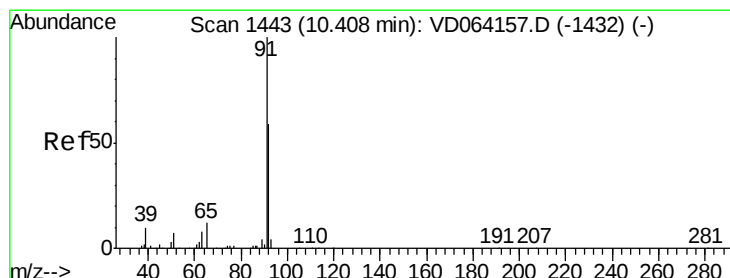
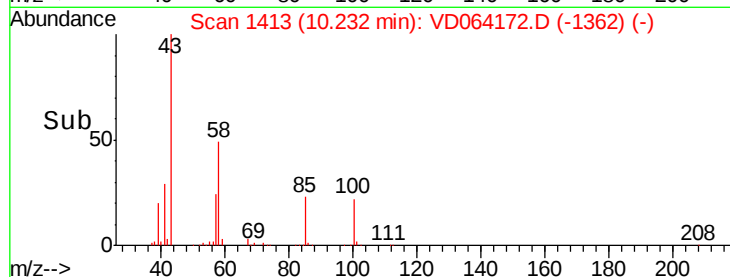
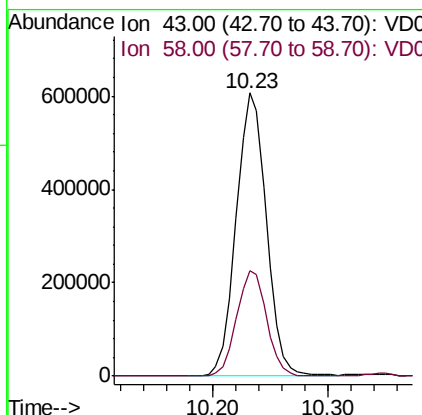
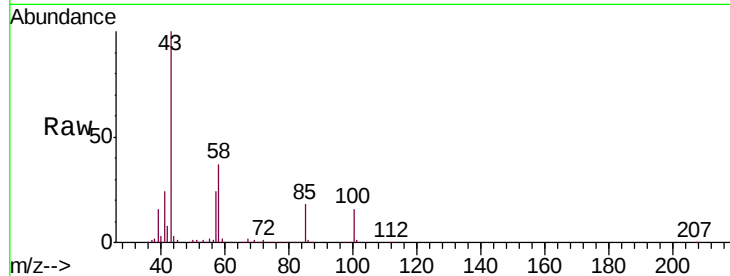




#51
 4-Methyl-2-Pentanone
 Concen: 263.103 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

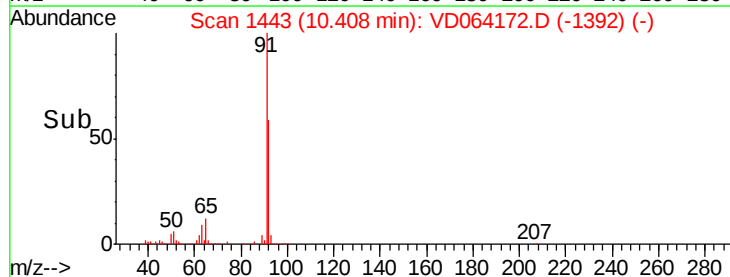
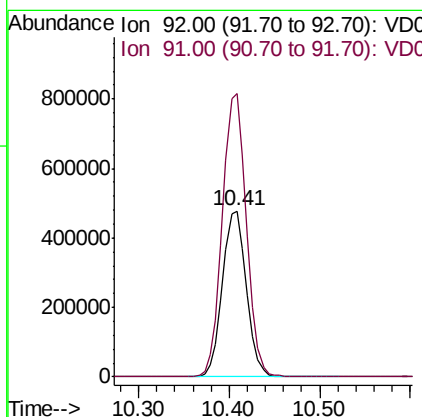
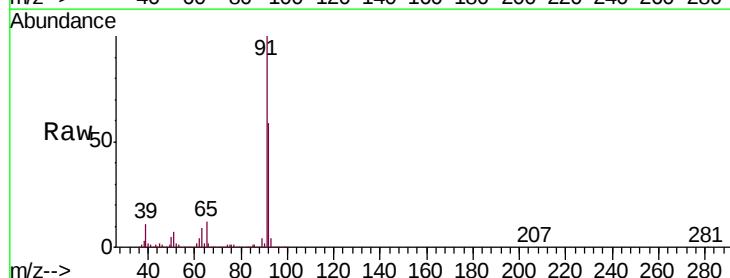
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

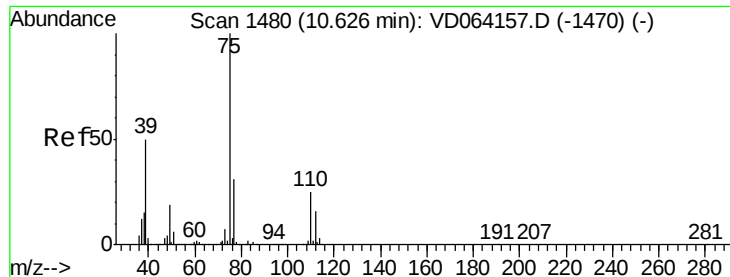
Tgt Ion: 43 Resp: 1096691
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.2 45.4



#52
 Toluene
 Concen: 48.699 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion: 92 Resp: 875792
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 50.333 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

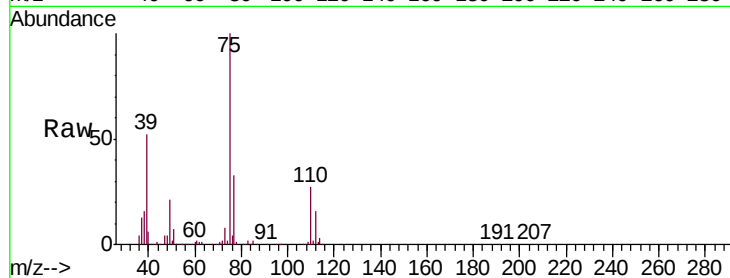
VSTDCCC050EC

Tgt Ion: 75 Resp: 484048

Ion Ratio Lower Upper

75 100

77 32.5 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

250000

200000

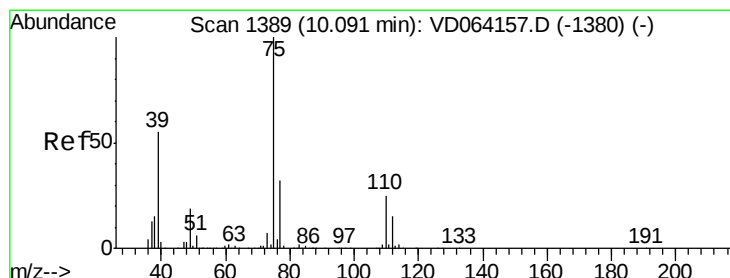
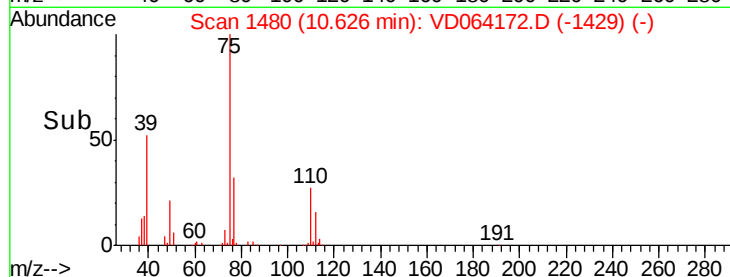
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.672 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

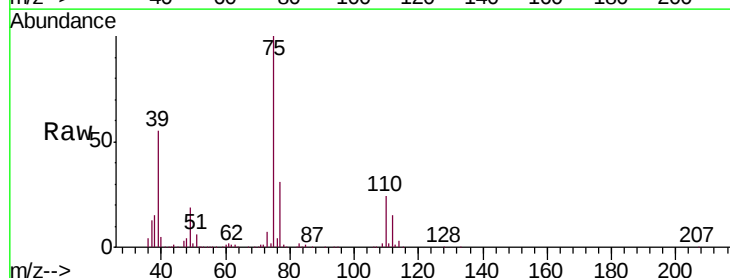
Tgt Ion: 75 Resp: 568649

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 55.1 44.2 66.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.09

400000

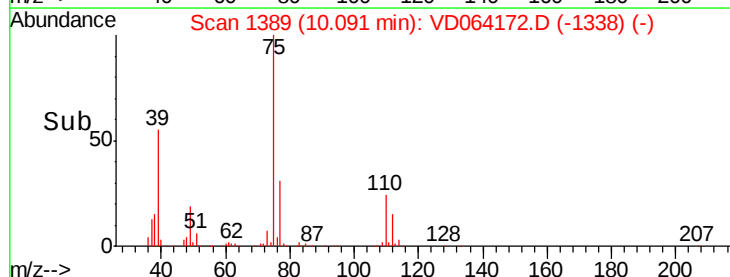
300000

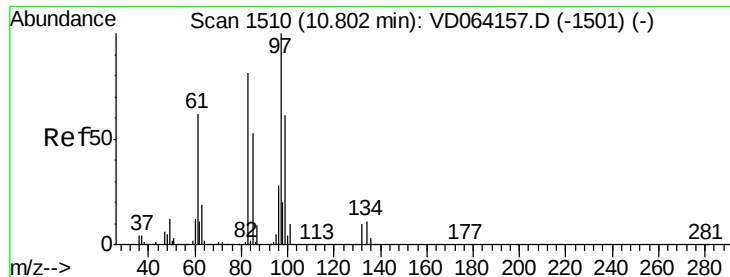
200000

100000

0

Time--> 10.00 10.10 10.20

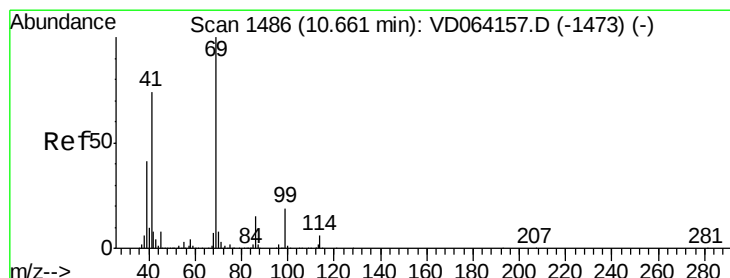
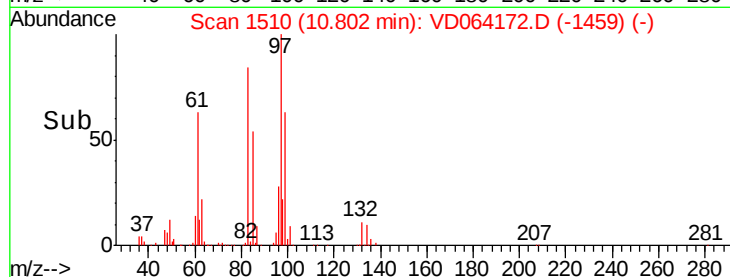
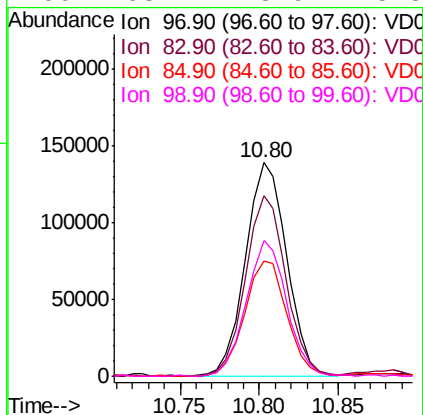
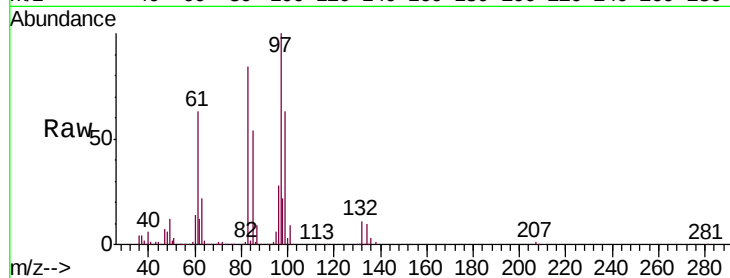




#55
 1,1,2-Trichloroethane
 Concen: 51.917 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

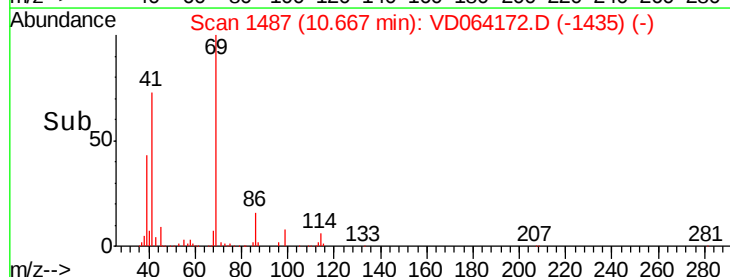
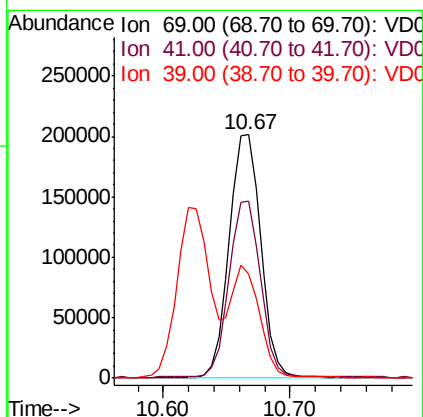
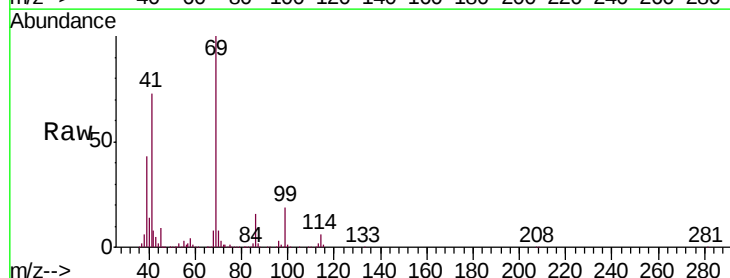
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

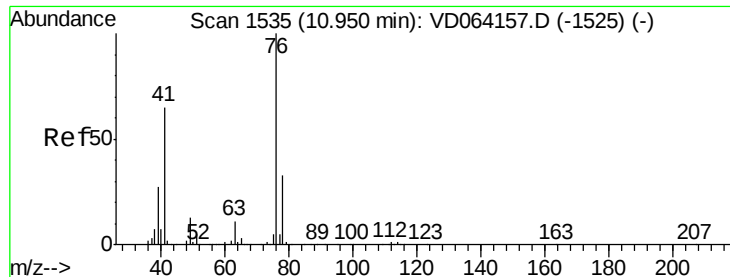
Tgt Ion:	97	Resp:	250991
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.1	97.7
85	53.6	42.0	63.0
99	63.4	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 51.159 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion:	69	Resp:	345978
Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.9	86.9
39	44.2	29.0	43.4#





#57

1,3-Dichloropropane

Concen: 52.360 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

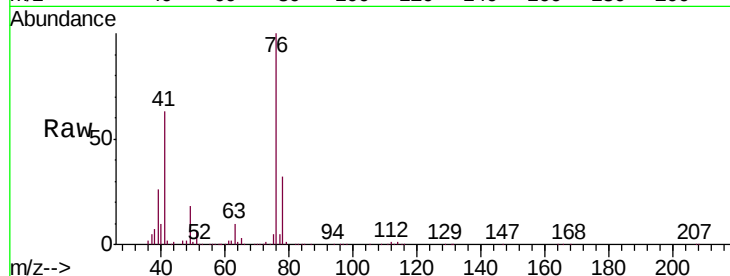
VSTDCCC050EC

Tgt Ion: 76 Resp: 441459

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

250000

200000

150000

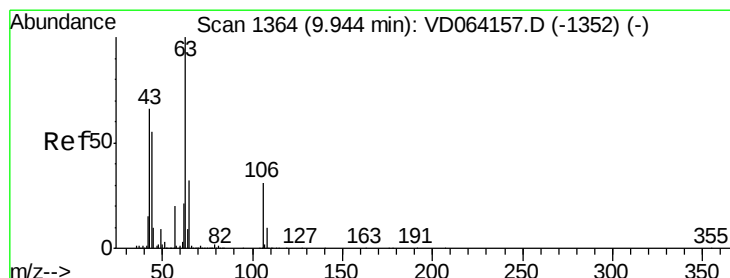
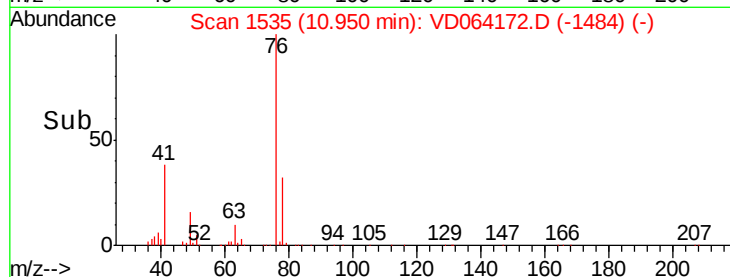
100000

50000

0

10.90 11.00

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 257.112 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD064172.D

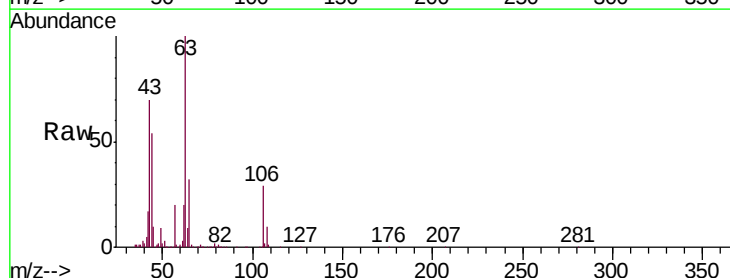
Acq: 08 Nov 2019 23:30

Tgt Ion: 63 Resp: 704336

Ion Ratio Lower Upper

63 100

106 30.3 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

400000

300000

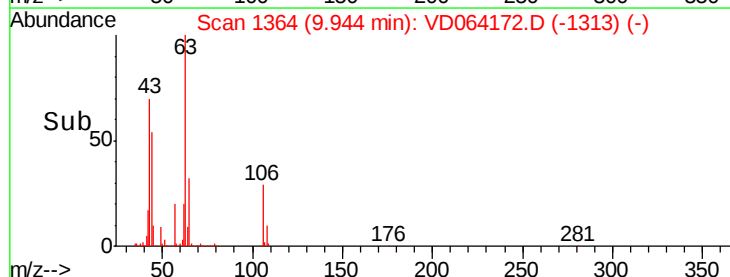
200000

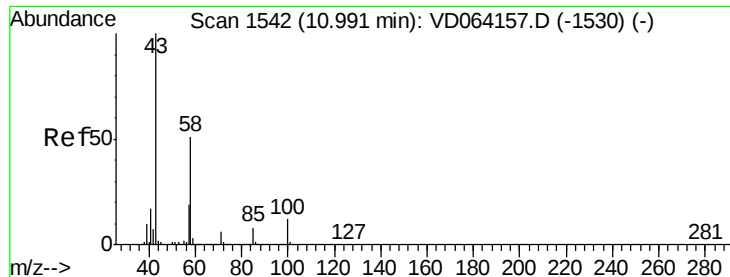
100000

0

9.80 9.90 10.00

Time-->

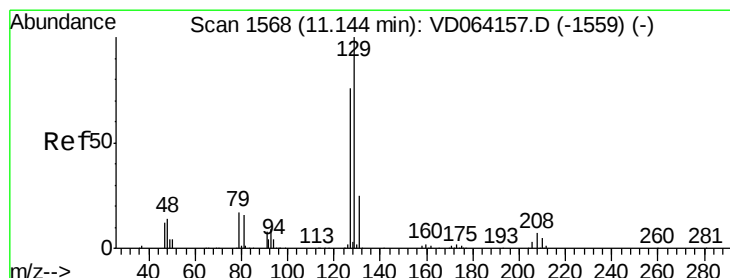
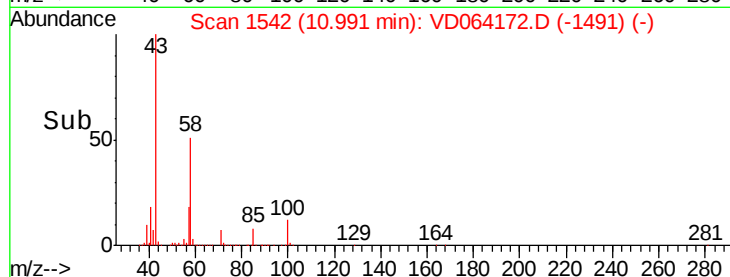
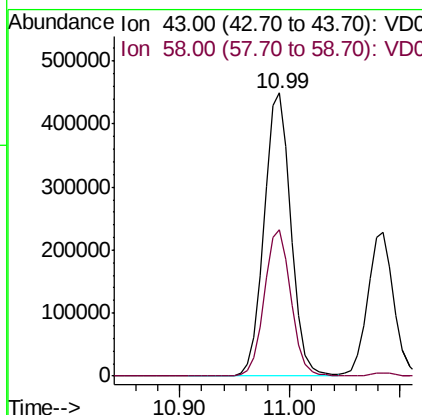
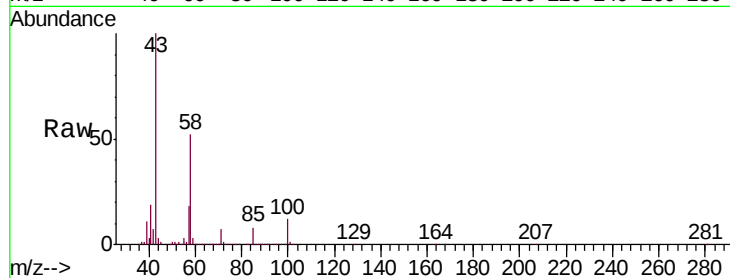




#59
2-Hexanone
Concen: 255.730 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

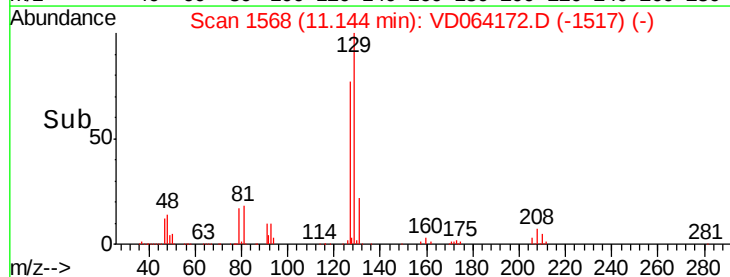
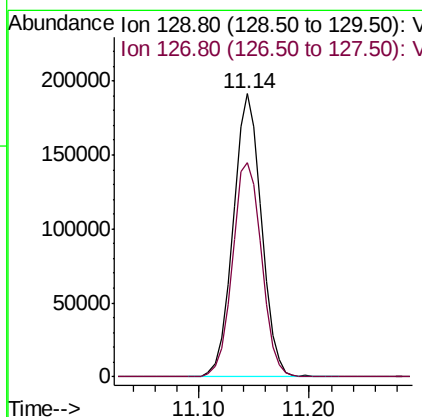
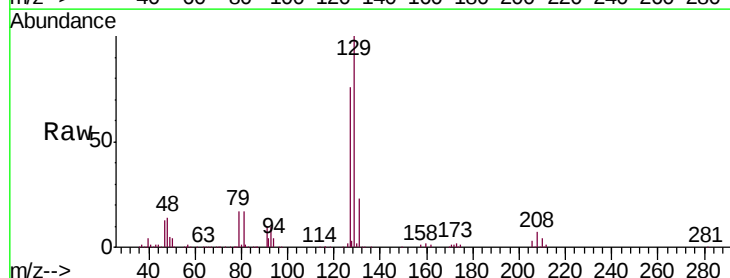
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 758368
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 50.992 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion: 129 Resp: 343983
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8

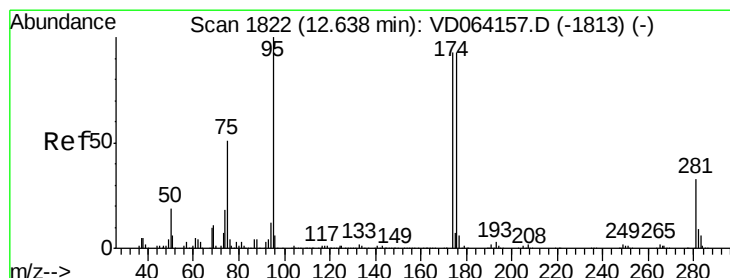
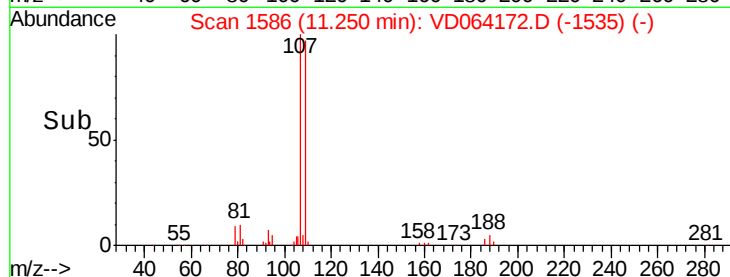
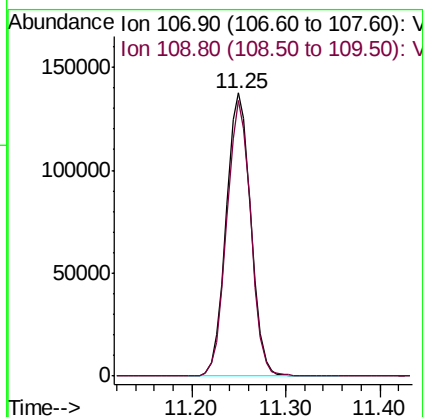
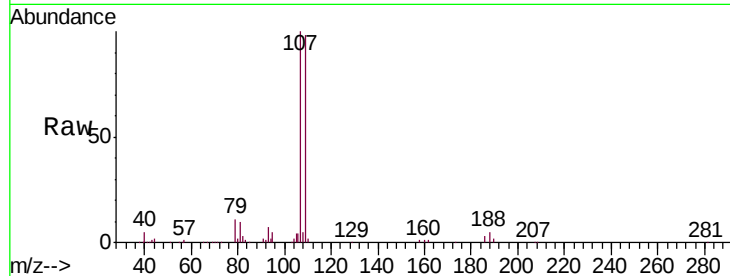




#61
 1,2-Dibromoethane
 Concen: 51.600 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

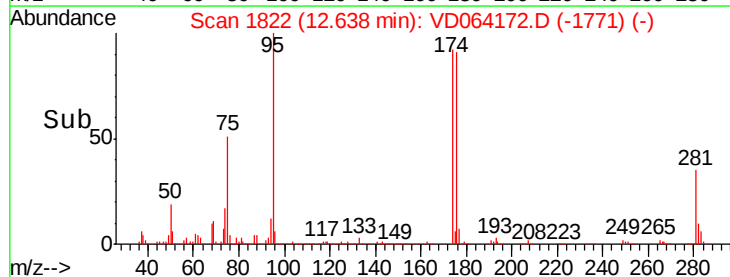
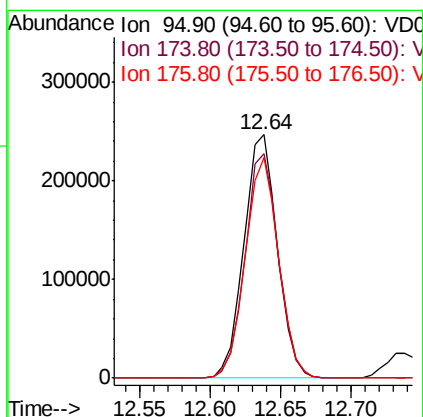
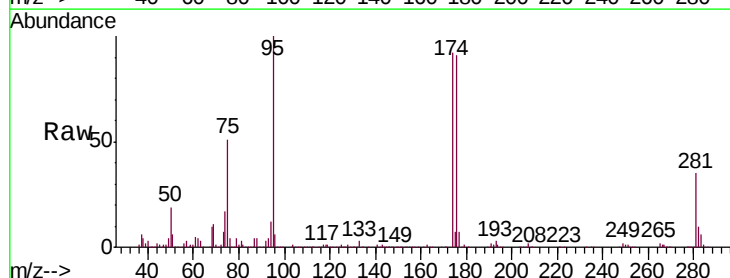
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

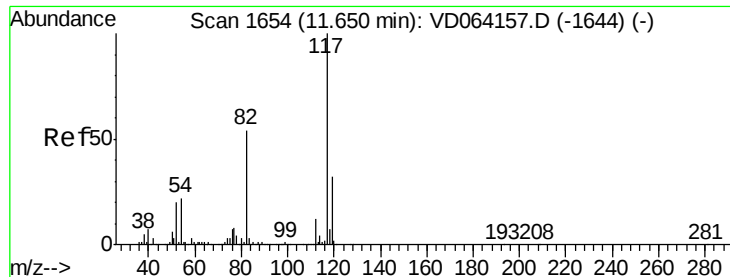
Tgt Ion: 107 Resp: 249858
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.428 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion: 95 Resp: 410030
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 183.6
 176 90.1 0.0 180.2

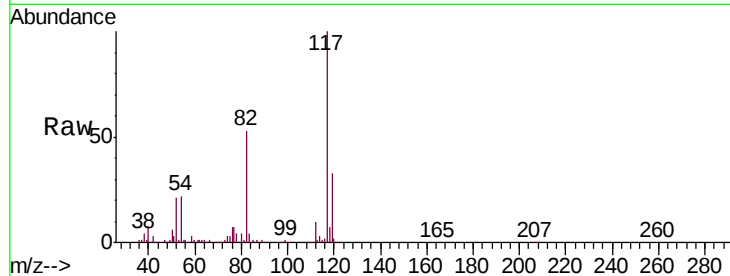




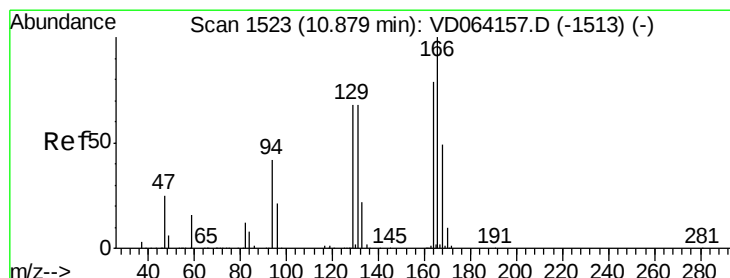
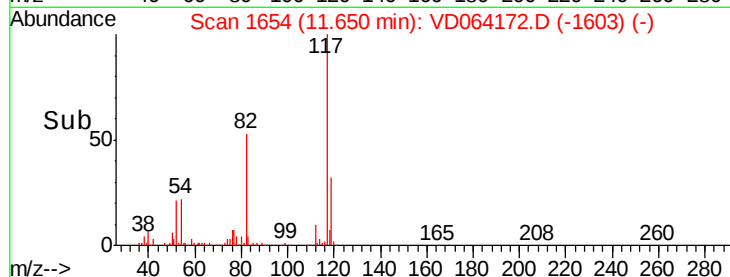
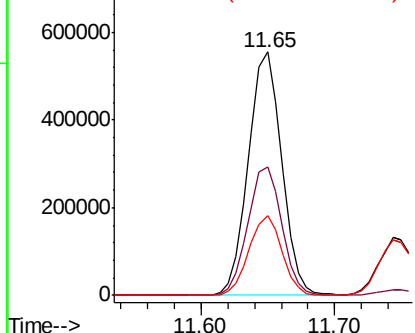
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 957556
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.5 25.6 38.4



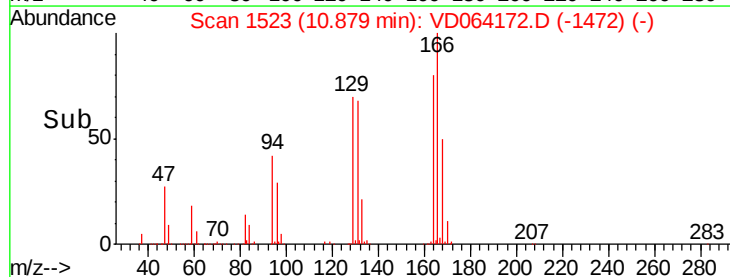
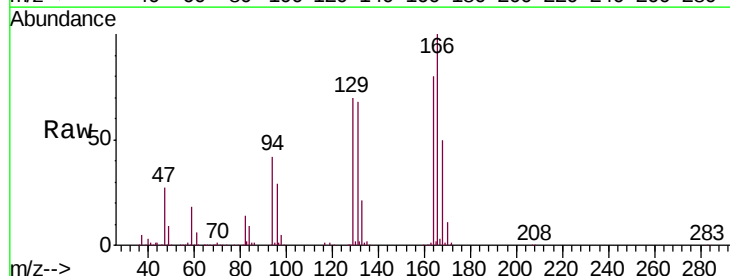
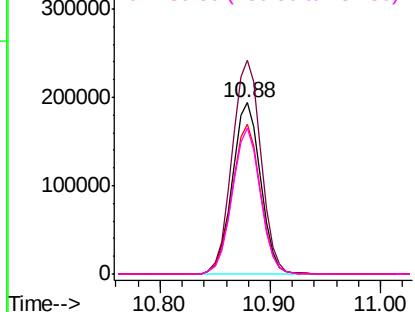
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.669 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion:164 Resp: 351055
Ion Ratio Lower Upper
164 100
166 124.6 100.8 151.2
129 87.1 68.7 103.1
131 84.9 68.1 102.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

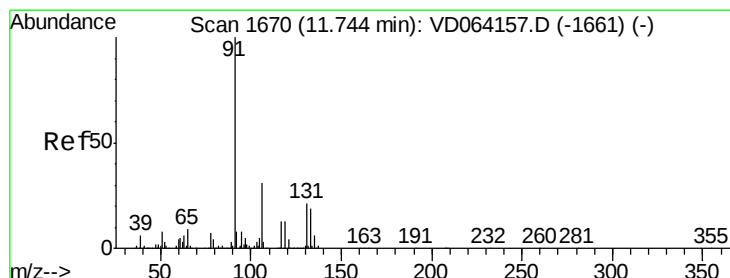
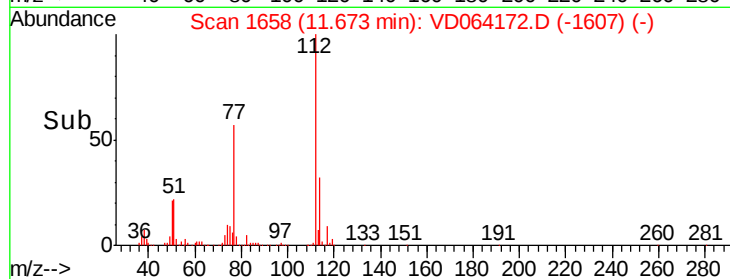
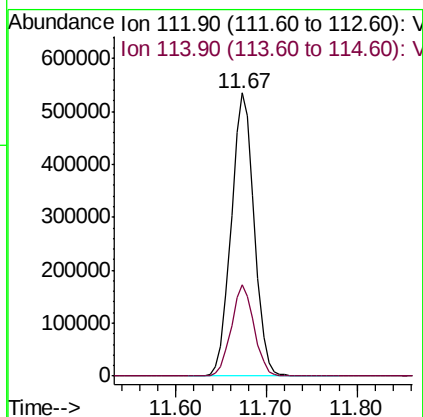
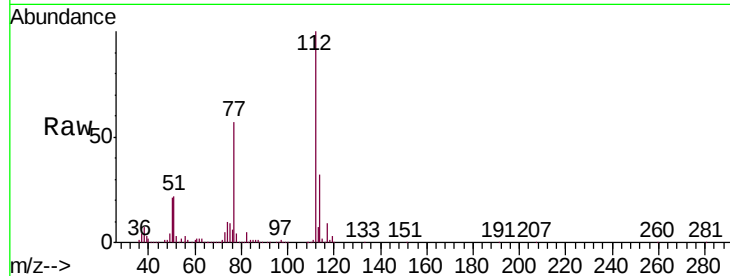




#65
Chlorobenzene
Concen: 48.291 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

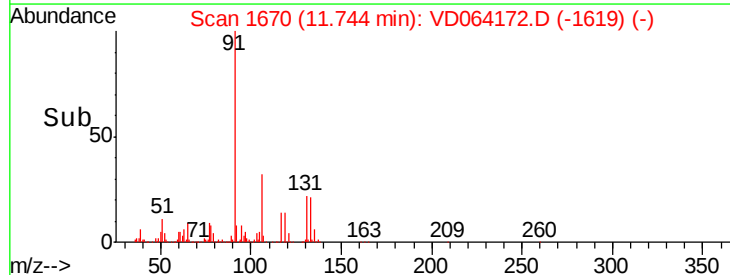
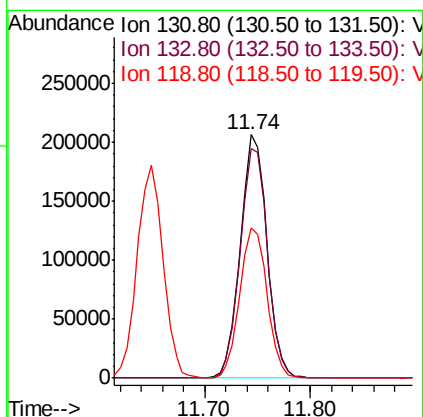
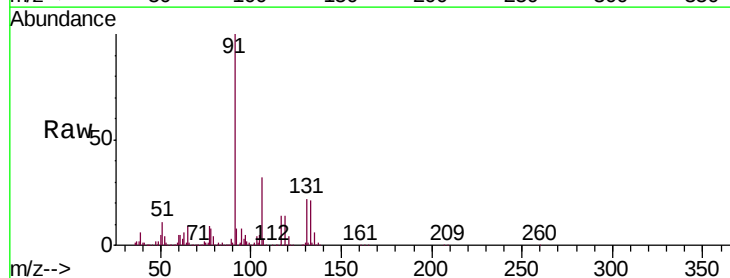
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

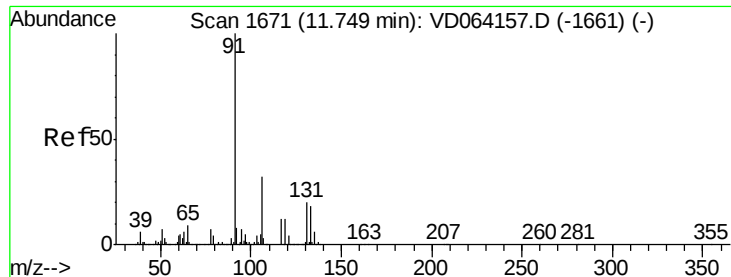
Tgt Ion:112 Resp: 940323
Ion Ratio Lower Upper
112 100
114 32.1 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.862 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion:131 Resp: 361780
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.9
119 63.4 31.1 93.3





#67

Ethyl Benzene

Concen: 47.097 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

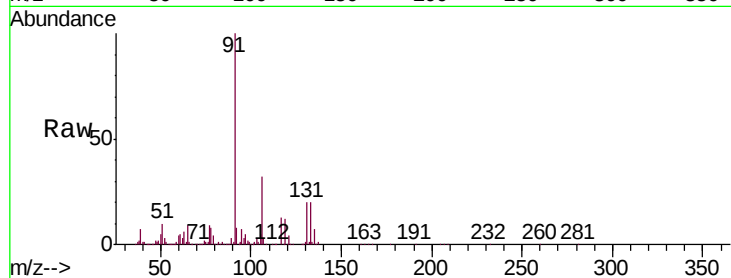
VSTDCCC050EC

Tgt Ion: 91 Resp: 1658843

Ion Ratio Lower Upper

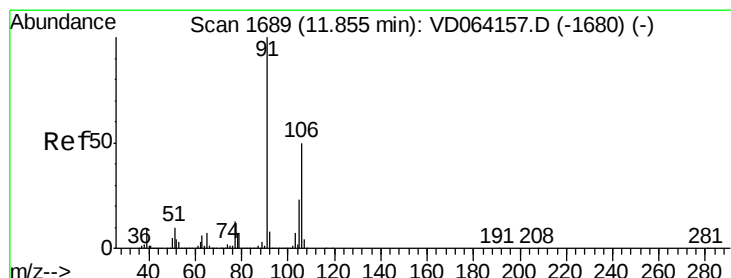
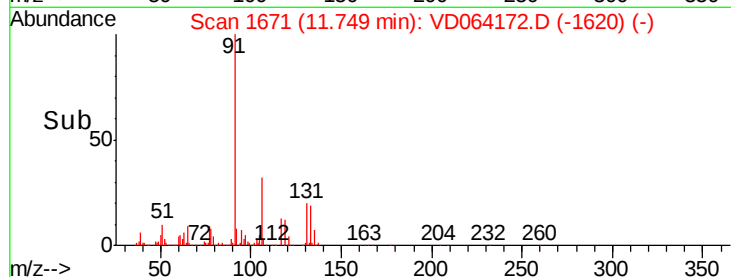
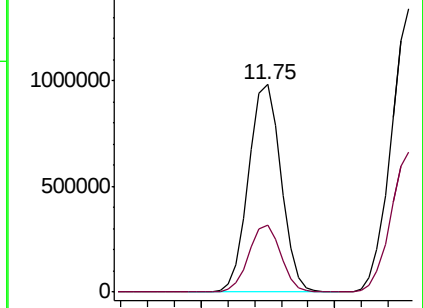
91 100

106 32.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 95.323 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064172.D

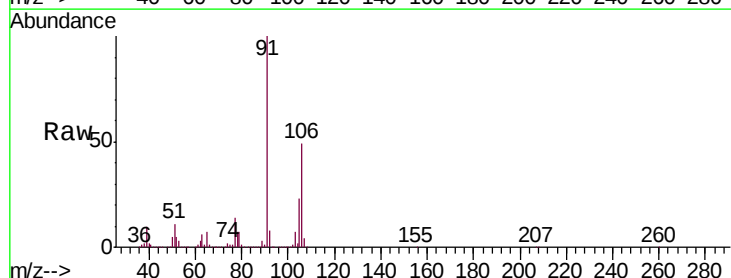
Acq: 08 Nov 2019 23:30

Tgt Ion: 106 Resp: 1286897

Ion Ratio Lower Upper

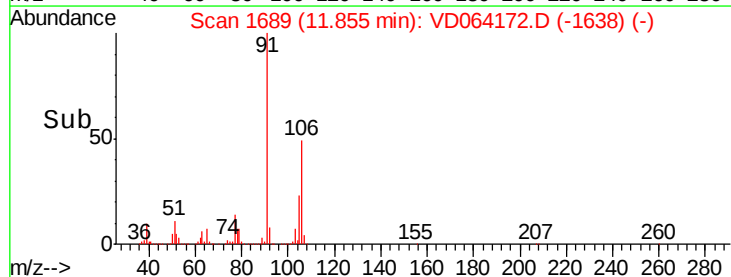
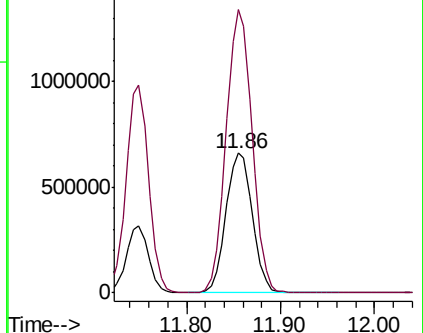
106 100

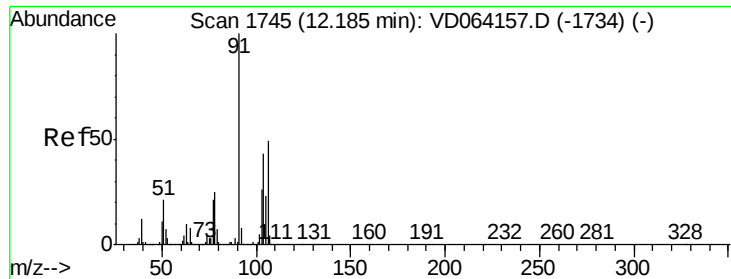
91 199.8 160.3 240.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

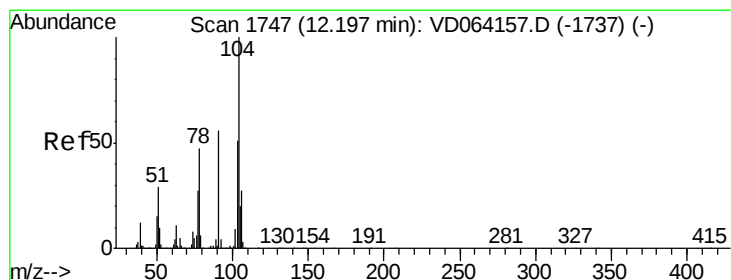
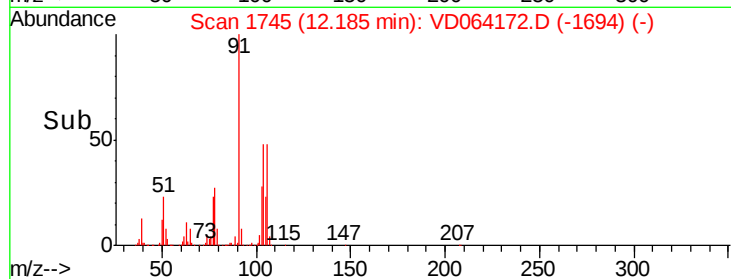
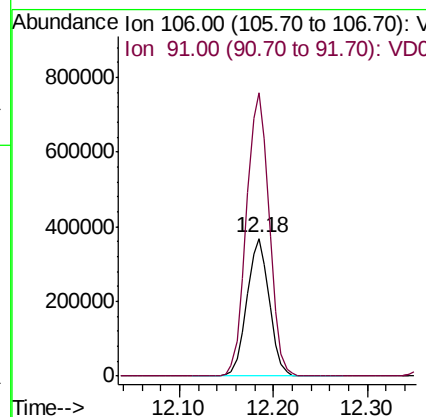
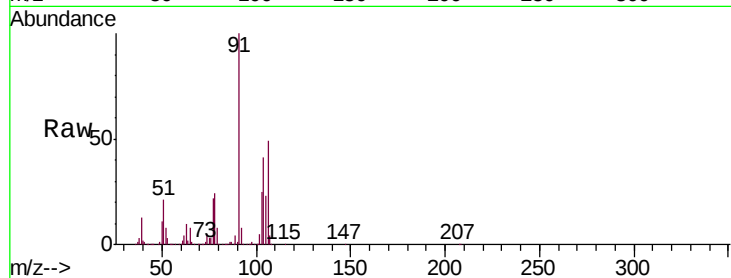




#69
o-Xylene
Concen: 48.334 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

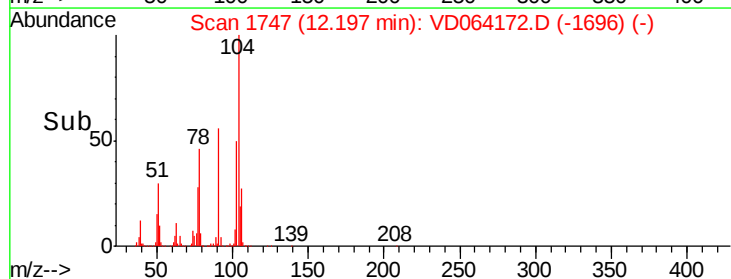
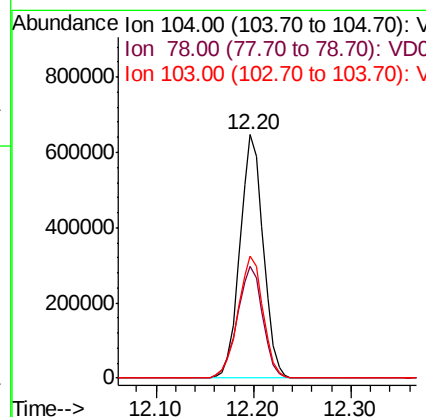
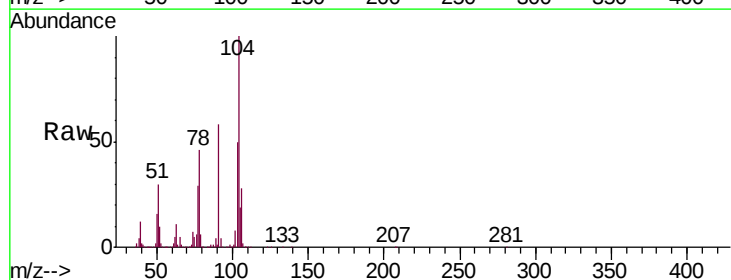
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

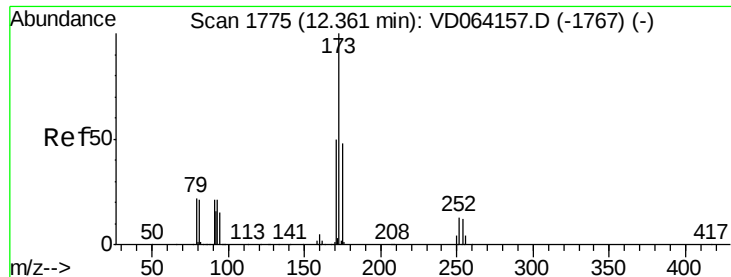
Tgt Ion:106 Resp: 605178
Ion Ratio Lower Upper
106 100
91 210.3 105.1 315.3



#70
Styrene
Concen: 48.874 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion:104 Resp: 1068185
Ion Ratio Lower Upper
104 100
78 49.9 39.9 59.9
103 53.9 43.4 65.0





#71

Bromoform

Concen: 50.026 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

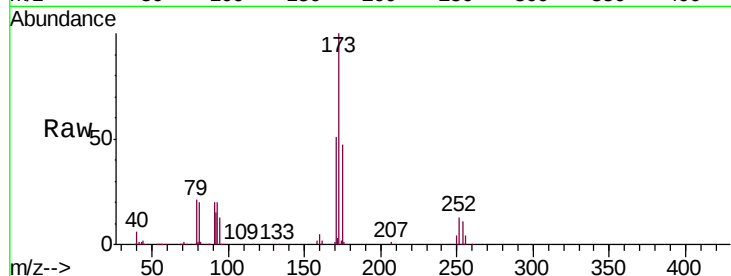
Tgt Ion:173 Resp: 210792

Ion Ratio Lower Upper

173 100

175 50.1 24.1 72.3

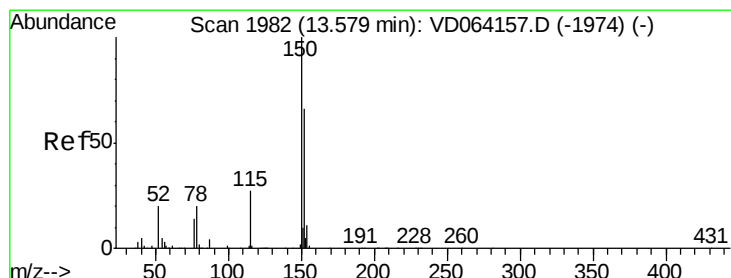
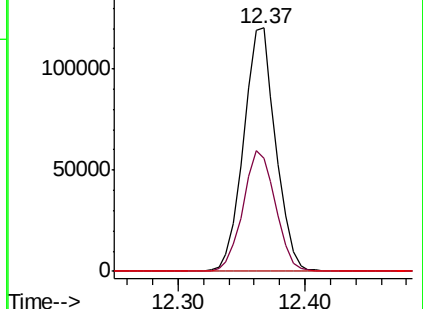
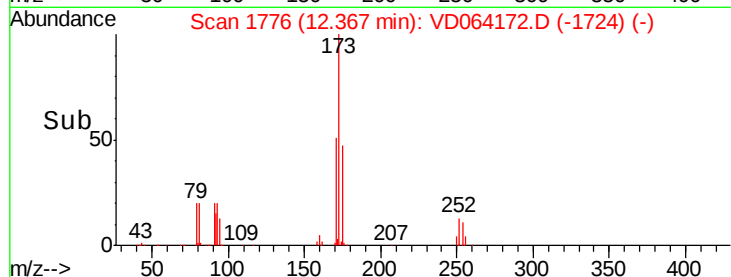
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

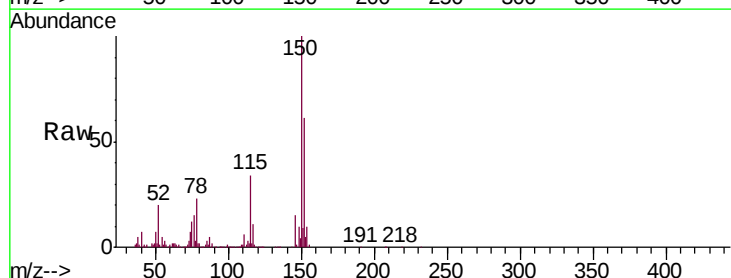
Tgt Ion:152 Resp: 474318

Ion Ratio Lower Upper

152 100

115 53.5 27.4 82.2

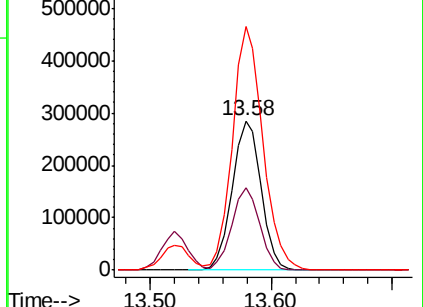
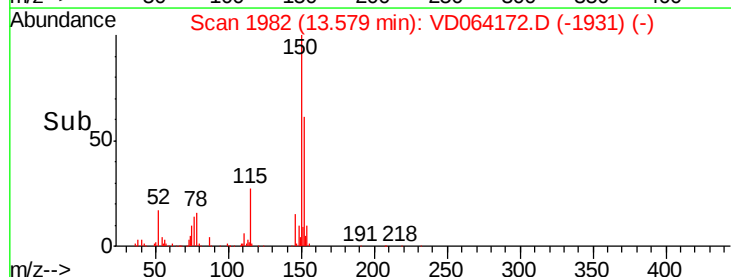
150 172.1 0.0 351.6

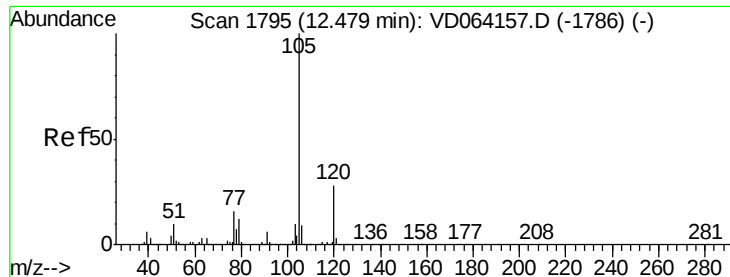


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.056 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

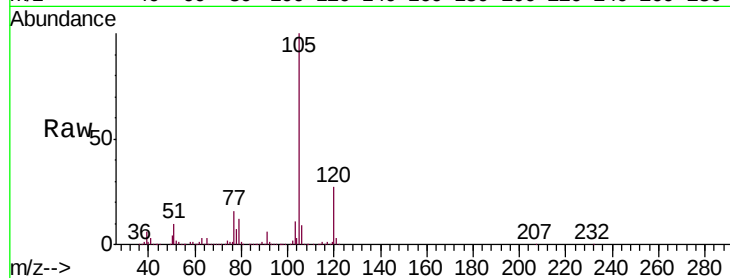
VSTDCCC050EC

Tgt Ion:105 Resp: 1568626

Ion Ratio Lower Upper

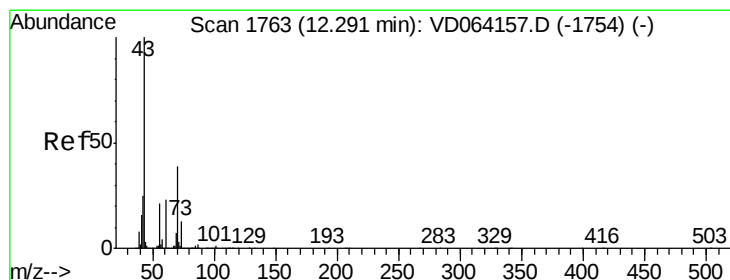
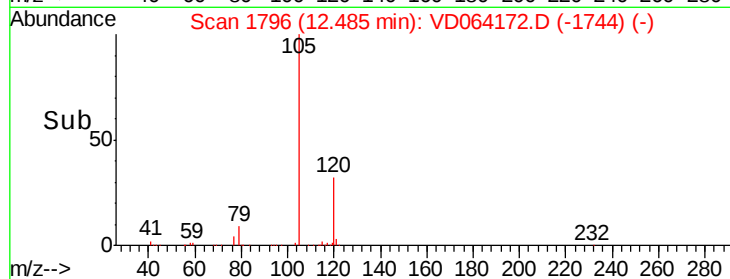
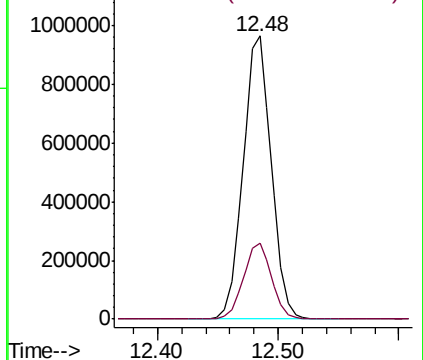
105 100

120 26.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.033 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Tgt Ion: 43 Resp: 403121

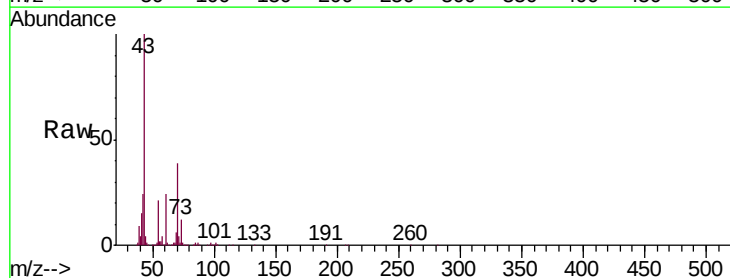
Ion Ratio Lower Upper

43 100

70 40.3 32.4 48.6

55 22.1 17.9 26.9

61 22.9 19.0 28.4

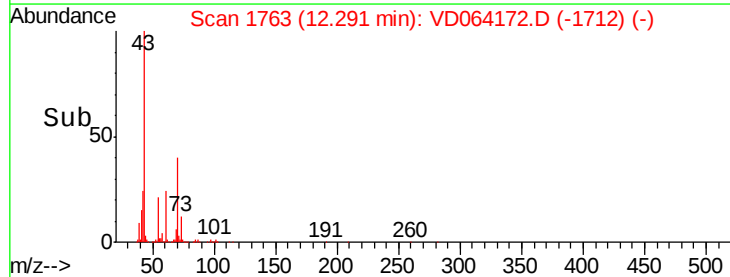
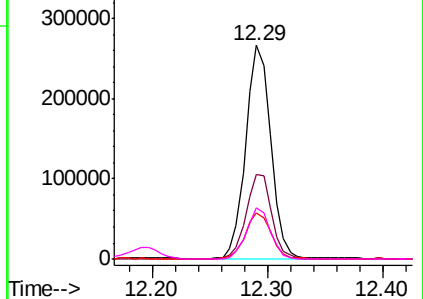


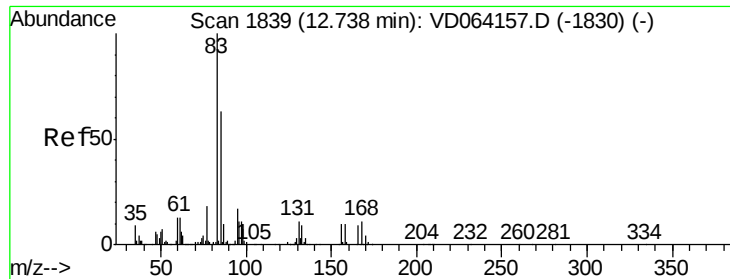
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.441 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

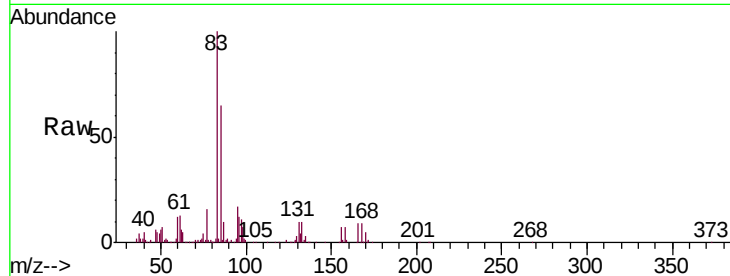
Tgt Ion: 83 Resp: 259366

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

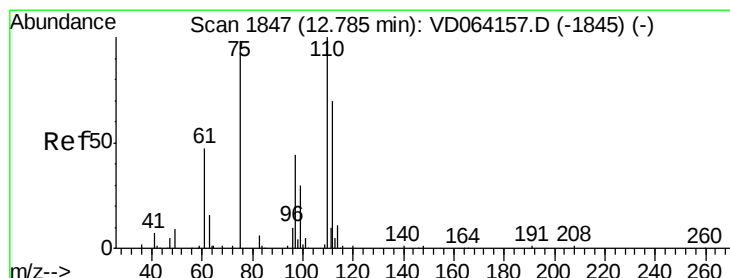
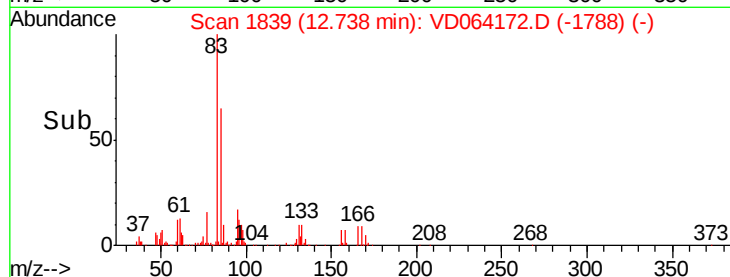
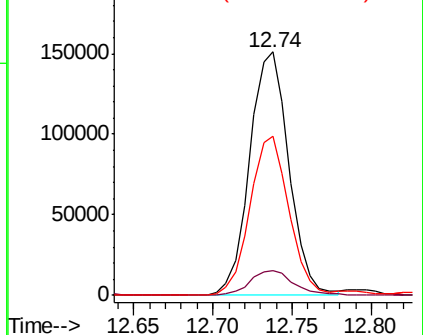
85 64.6 32.5 97.5



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: 93.169 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064172.D

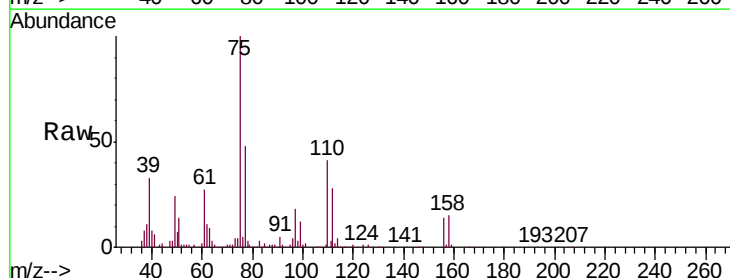
Acq: 08 Nov 2019 23:30

Tgt Ion: 75 Resp: 355952

Ion Ratio Lower Upper

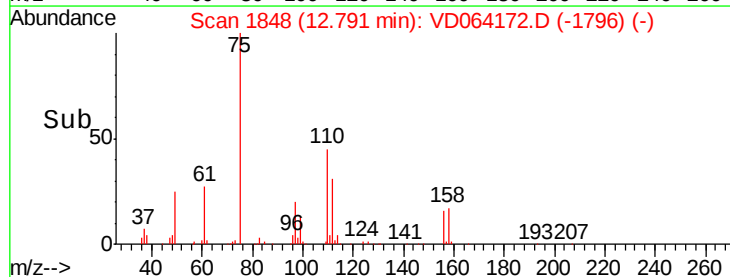
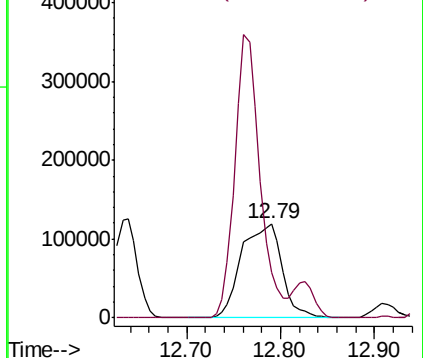
75 100

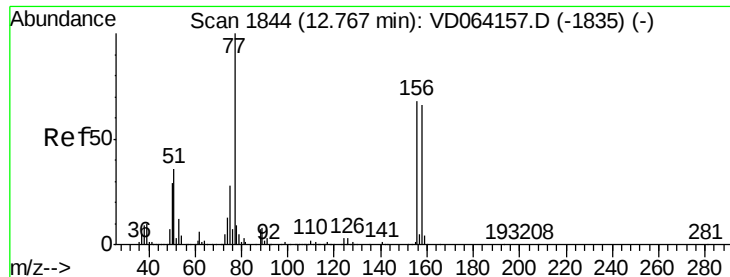
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

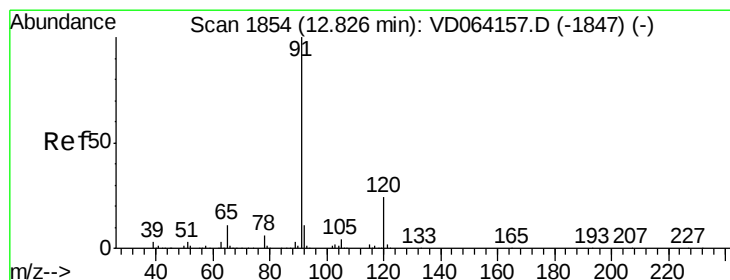
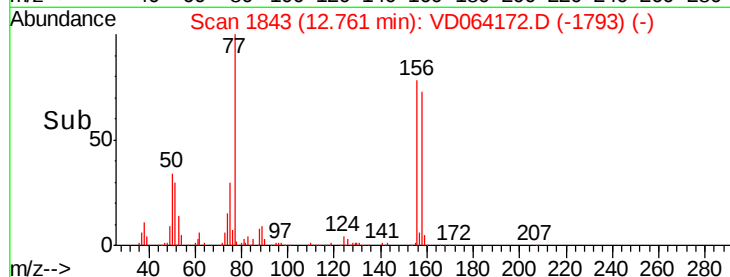
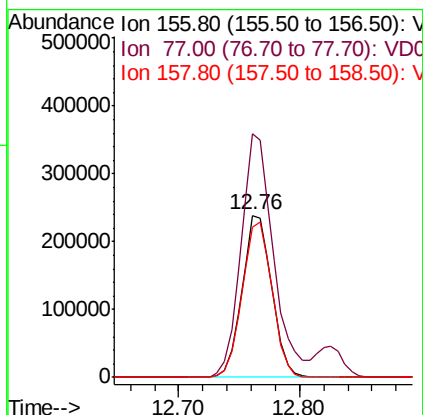
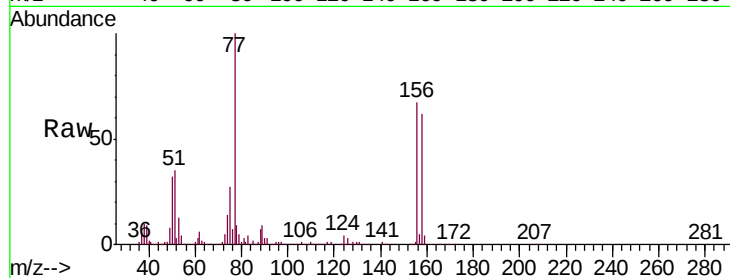




#77
Bromobenzene
Concen: 48.318 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

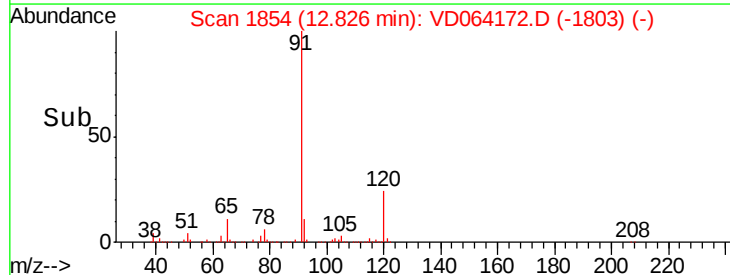
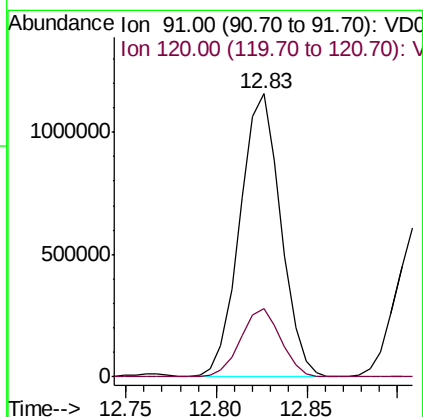
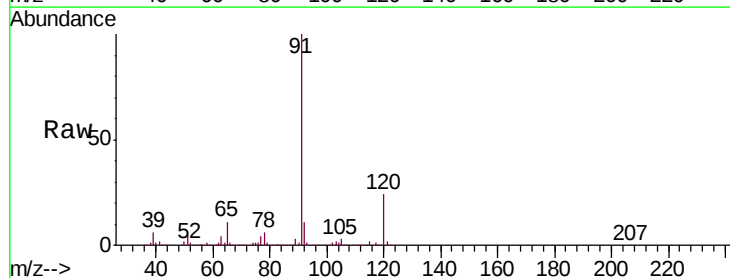
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

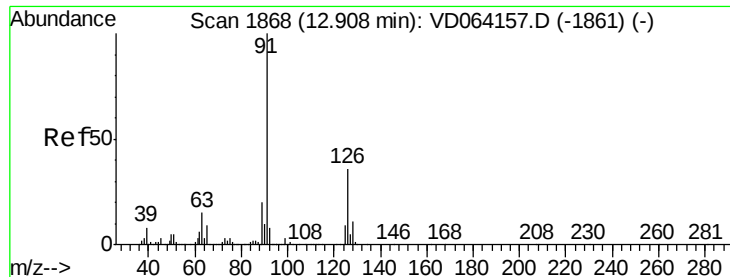
Tgt Ion: 156 Resp: 408674
Ion Ratio Lower Upper
156 100
77 165.6 81.2 243.4
158 96.8 48.4 145.2



#78
n-propylbenzene
Concen: 45.490 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion: 91 Resp: 1809408
Ion Ratio Lower Upper
91 100
120 23.8 11.8 35.4

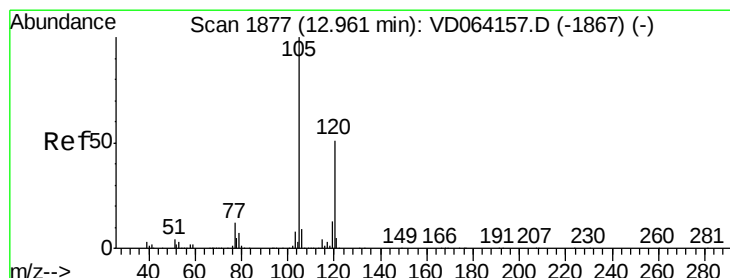
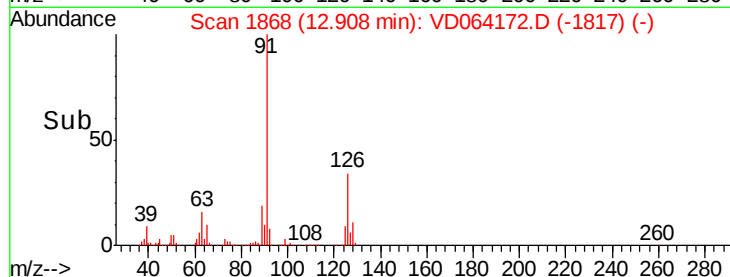
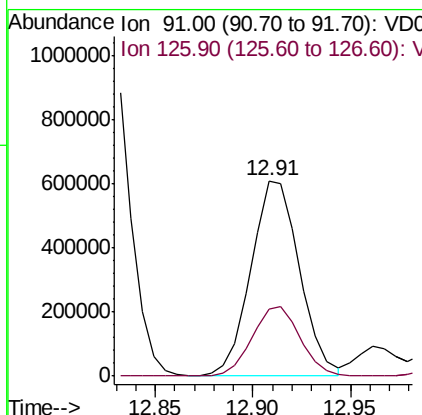
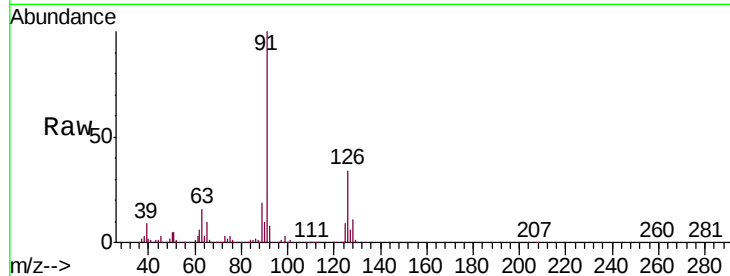




#79
 2-Chlorotoluene
 Concen: 46.788 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

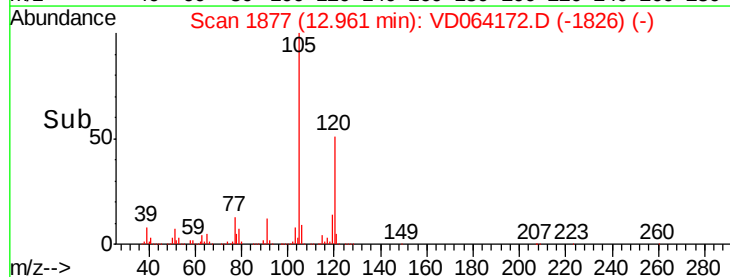
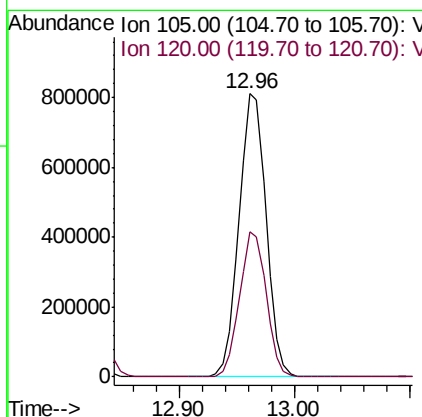
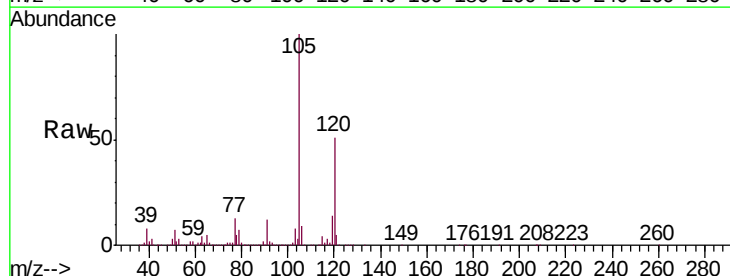
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

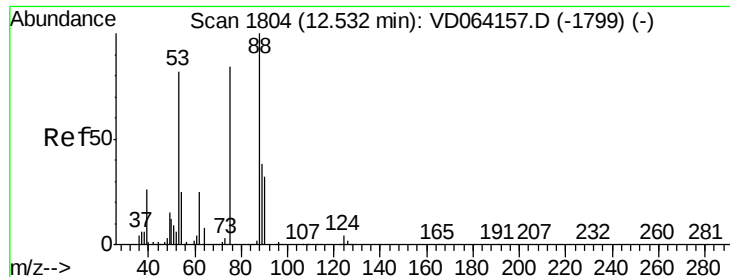
Tgt Ion: 91 Resp: 1050706
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 46.158 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion: 105 Resp: 1320461
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.296 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064172.D

Acq: 08 Nov 2019 23:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

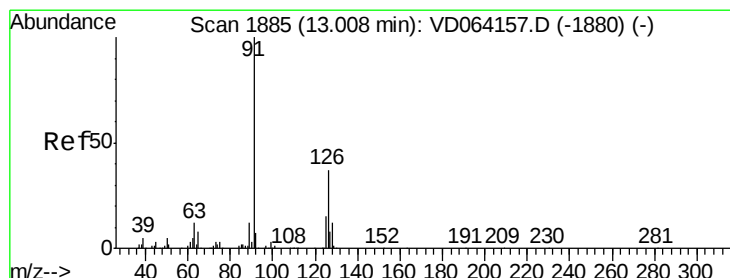
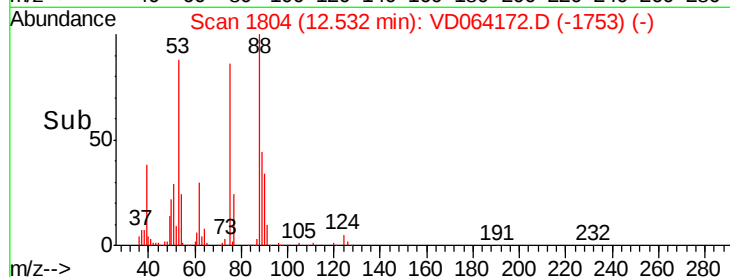
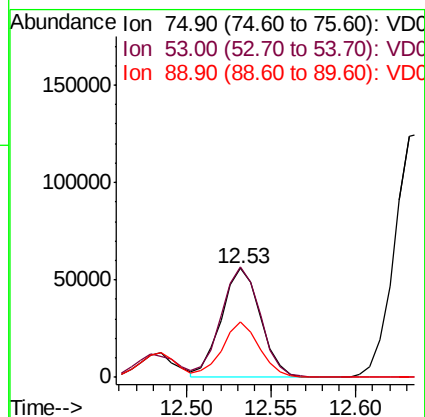
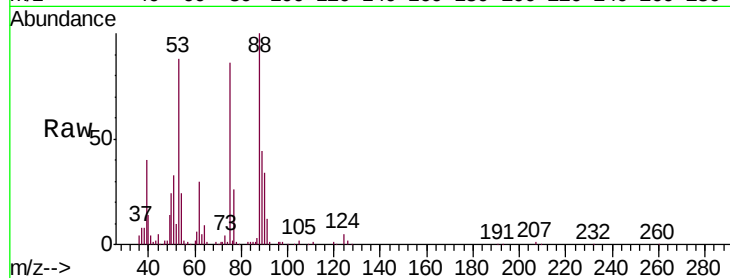
Tgt Ion: 75 Resp: 89043

Ion Ratio Lower Upper

75 100

53 103.7 79.4 119.0

89 49.5 36.6 55.0



#82

4-Chlorotoluene

Concen: 47.741 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD064172.D

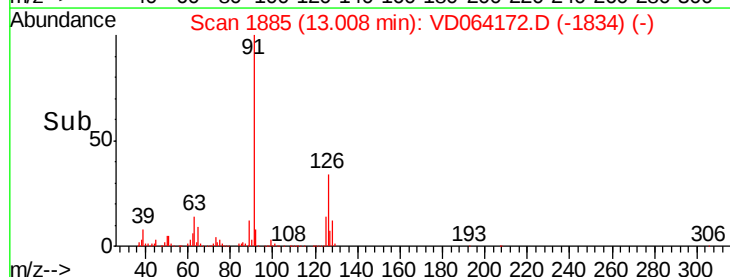
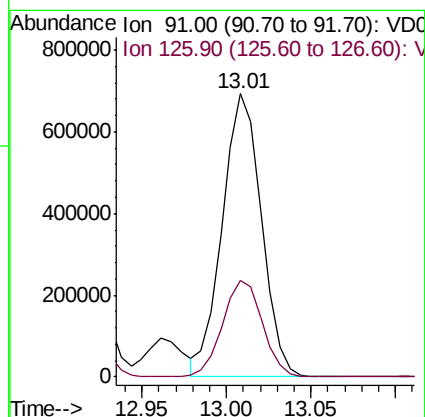
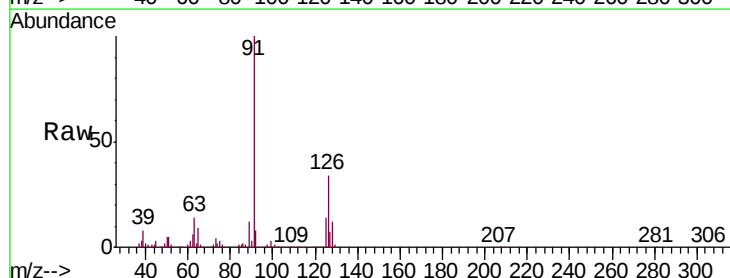
Acq: 08 Nov 2019 23:30

Tgt Ion: 91 Resp: 1118252

Ion Ratio Lower Upper

91 100

126 34.6 17.8 53.4

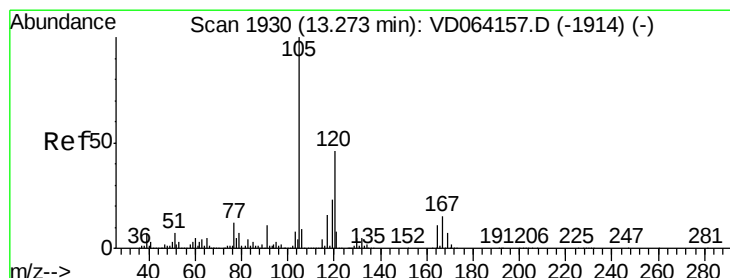
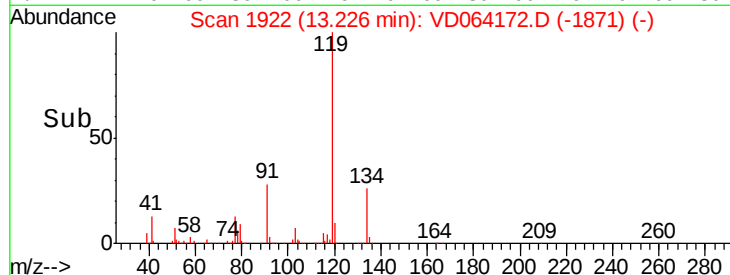
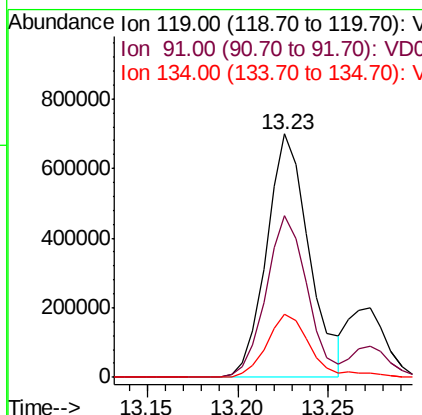
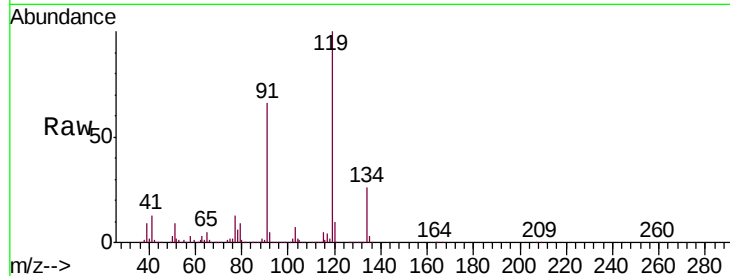




#83
tert-Butylbenzene
Concen: 45.425 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

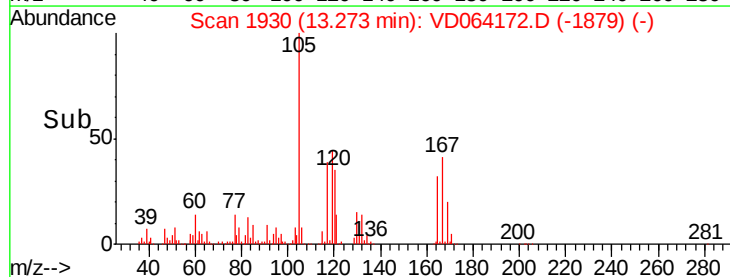
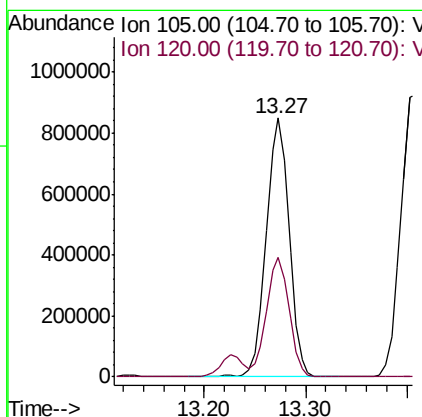
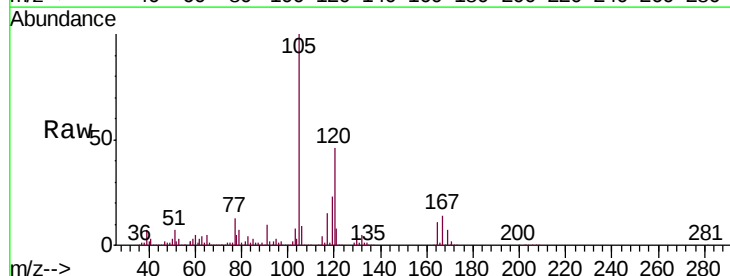
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

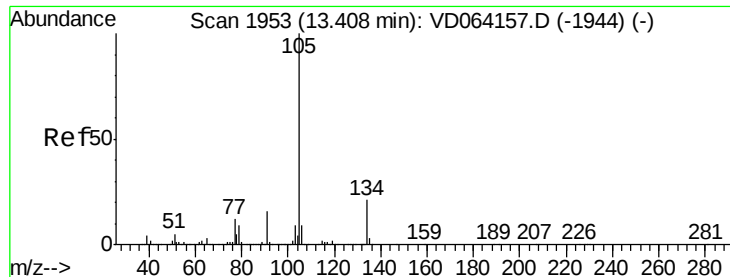
Tgt Ion:119 Resp: 1145861
Ion Ratio Lower Upper
119 100
91 64.0 31.8 95.4
134 27.2 13.7 41.0



#84
1,2,4-Trimethylbenzene
Concen: 47.341 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion:105 Resp: 1337047
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8

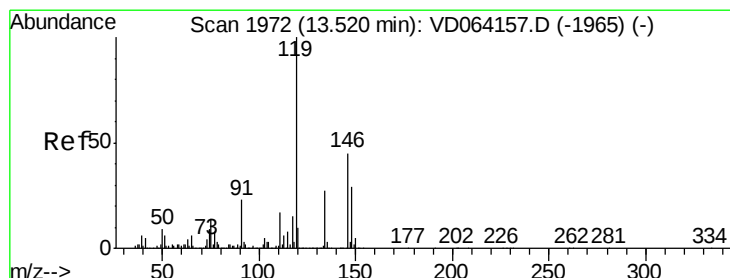
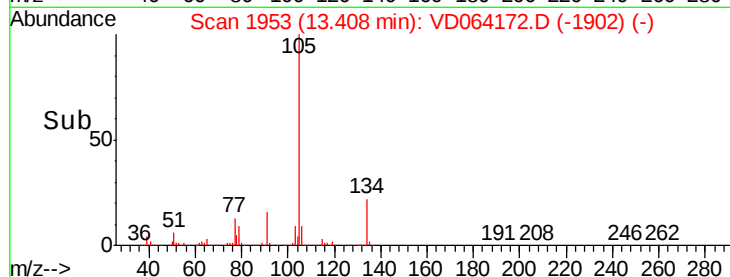
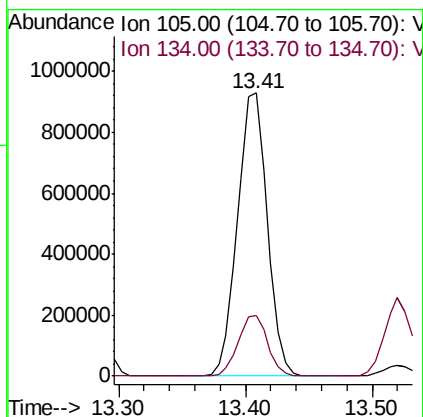
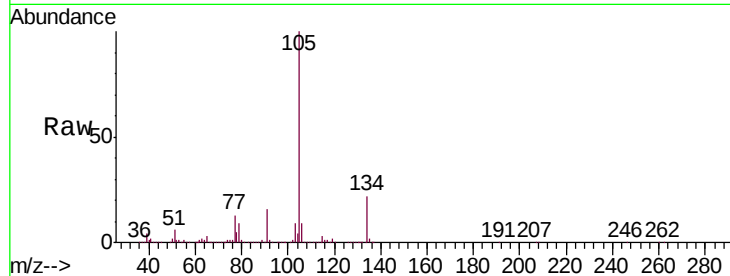




#85
 sec-Butylbenzene
 Concen: 44.581 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

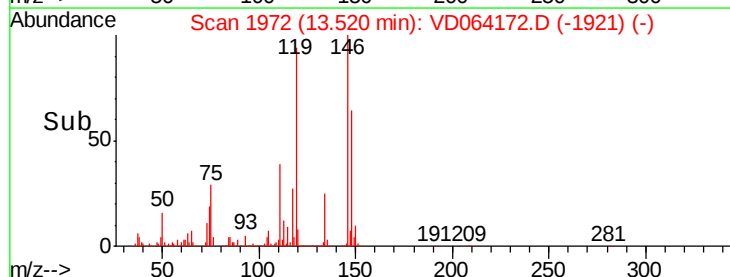
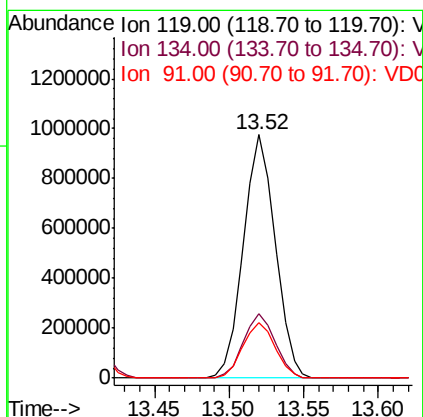
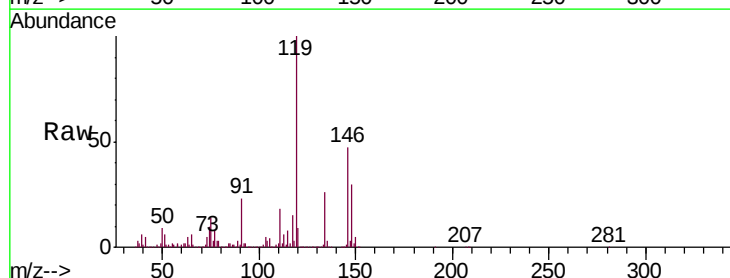
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

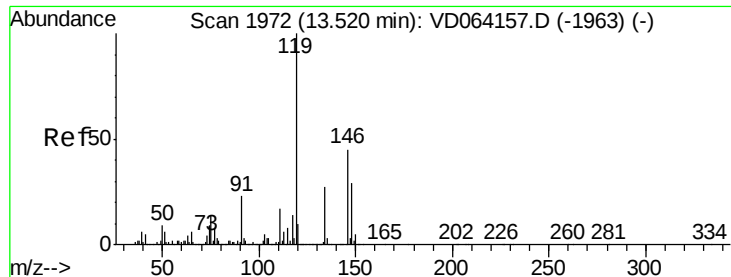
Tgt Ion:105 Resp: 1510416
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 44.740 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion:119 Resp: 1441052
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.5
 91 23.1 11.5 34.4

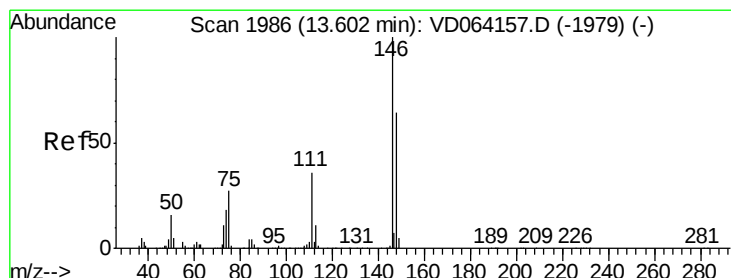
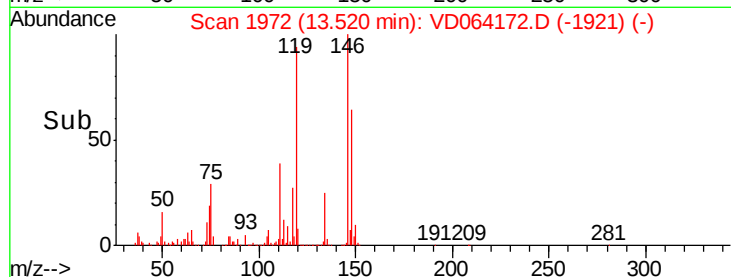
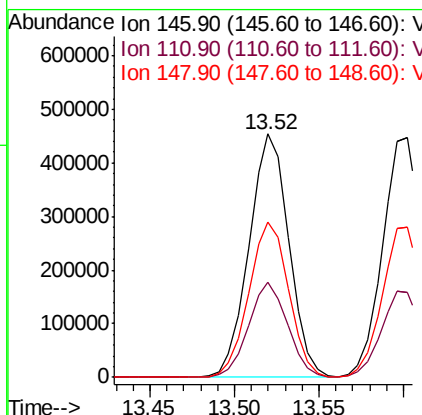
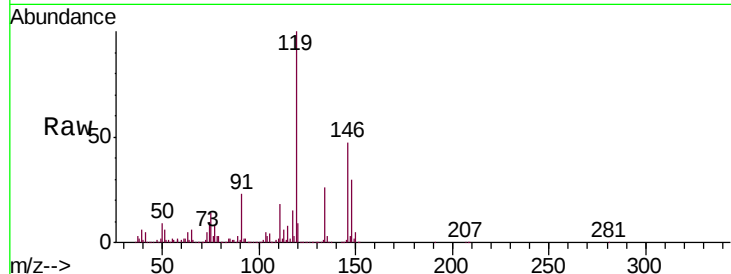




#87
 1,3-Dichlorobenzene
 Concen: 47.415 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

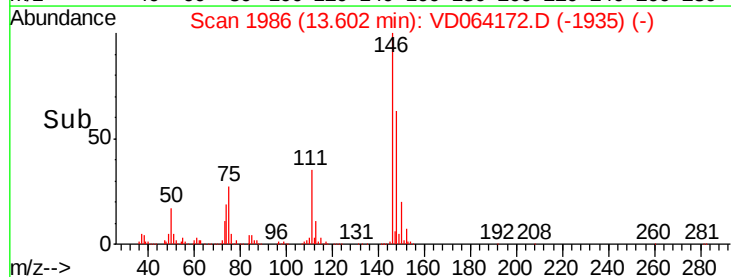
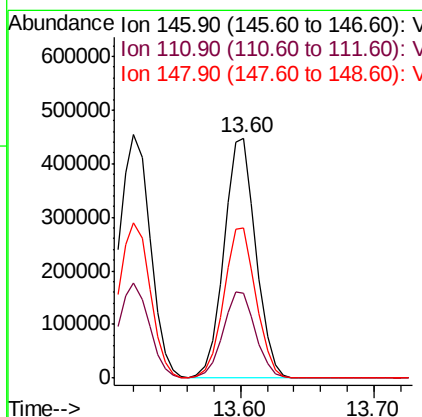
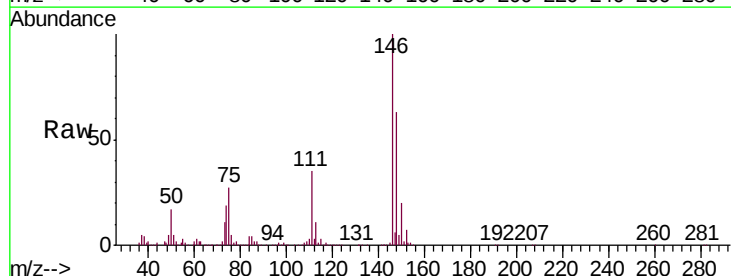
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

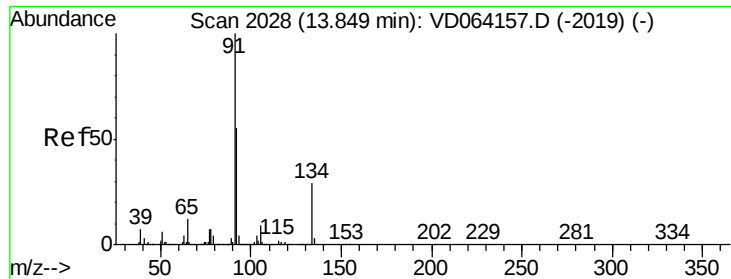
Tgt Ion:146 Resp: 744446
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.9
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.523 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion:146 Resp: 743547
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.4
 148 63.6 31.9 95.7

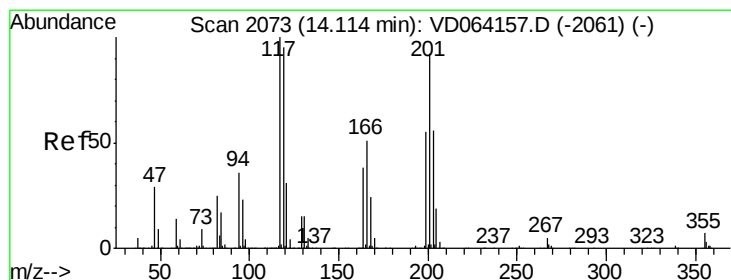
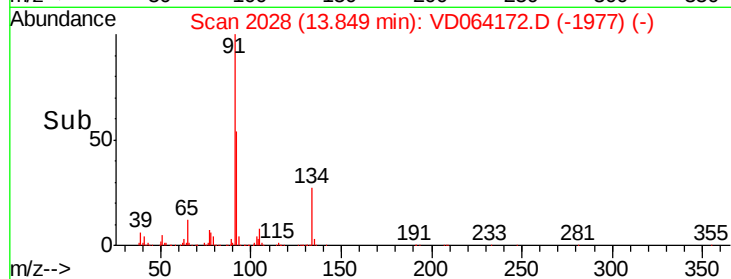
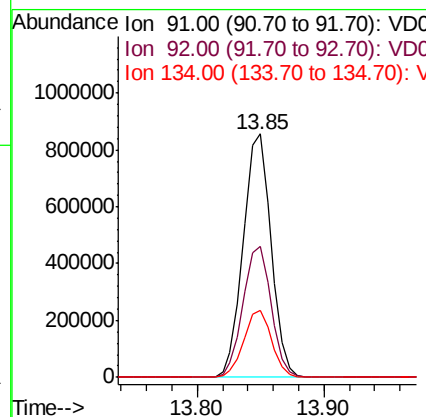
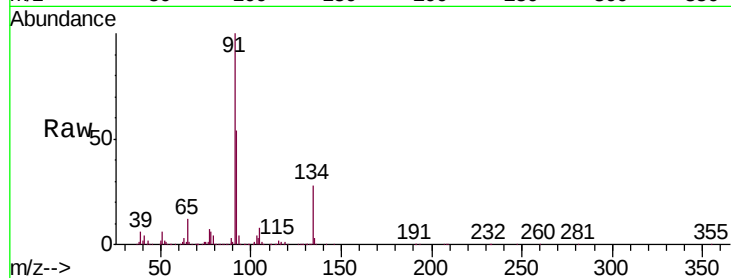




#89
n-Butylbenzene
Concen: 44.826 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

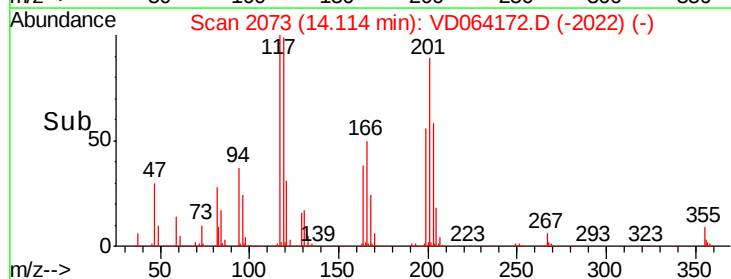
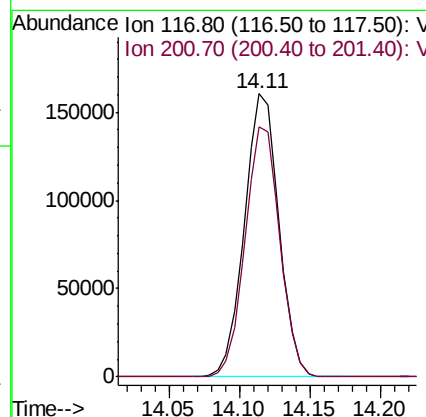
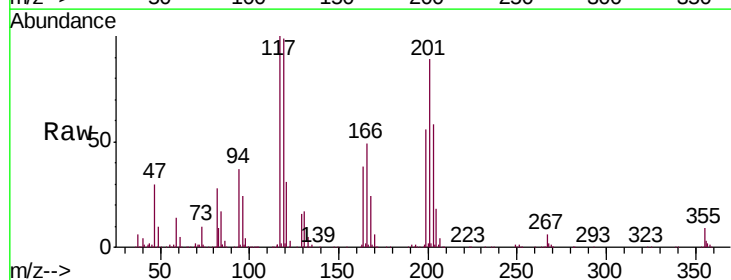
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

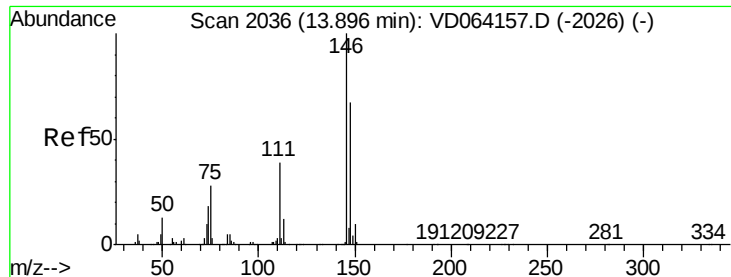
Tgt Ion: 91 Resp: 1304429
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.8
134 27.7 14.1 42.4



#90
Hexachloroethane
Concen: 46.144 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion: 117 Resp: 274679
Ion Ratio Lower Upper
117 100
201 88.9 45.8 137.4

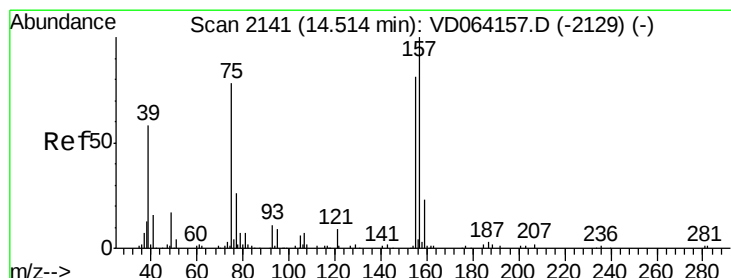
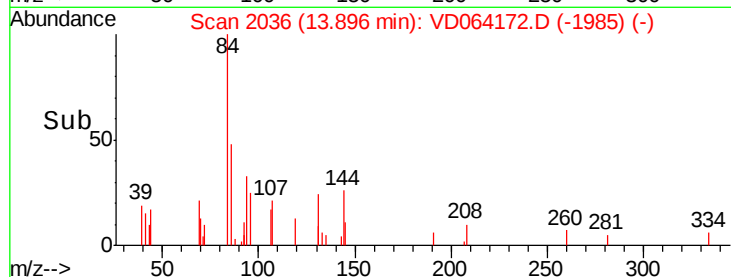
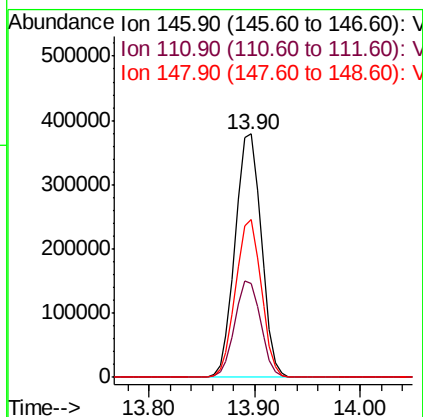
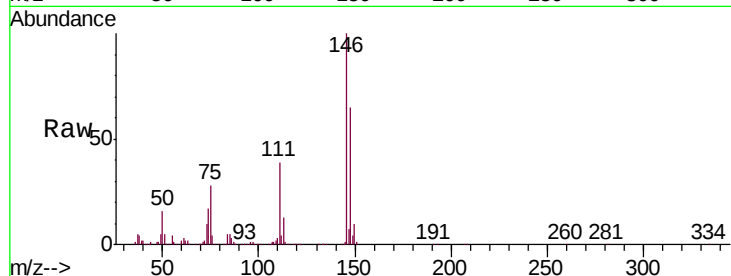




#91
 1,2-Dichlorobenzene
 Concen: 48.841 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

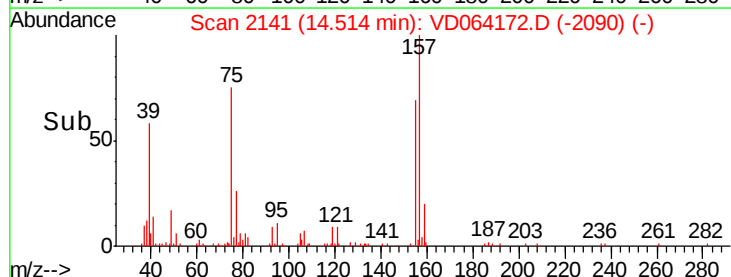
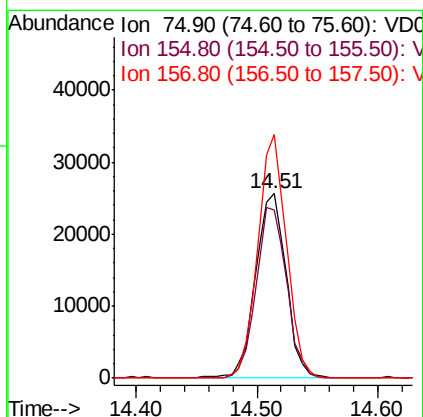
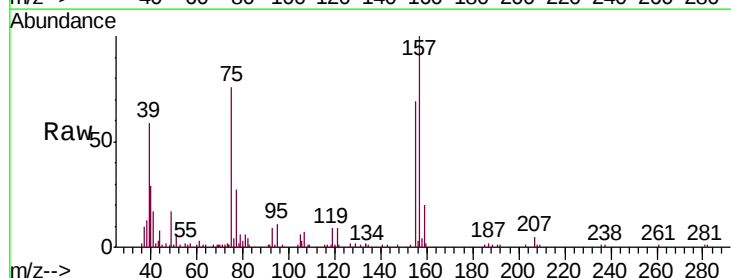
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 649046
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.0
 148 63.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.264 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion: 75 Resp: 45269
 Ion Ratio Lower Upper
 75 100
 155 92.1 48.0 144.0
 157 123.7 61.5 184.4

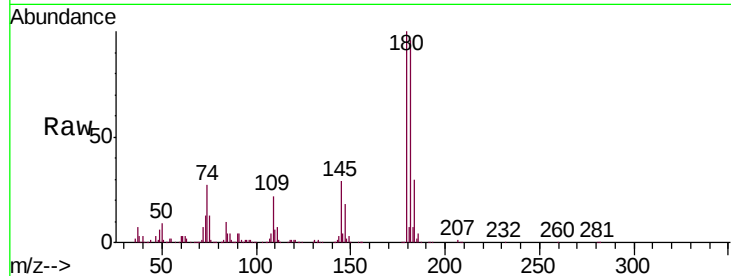




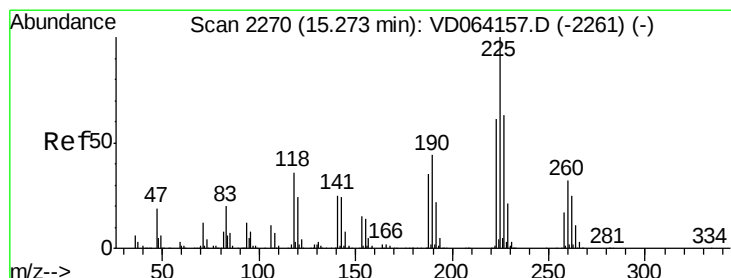
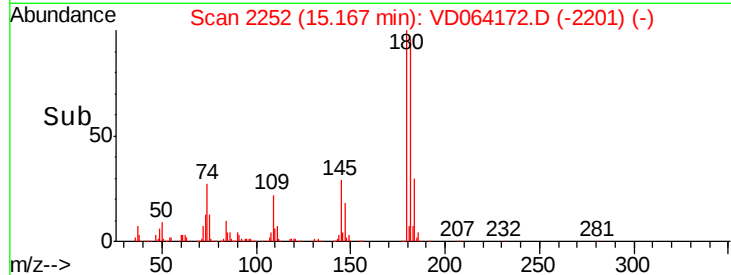
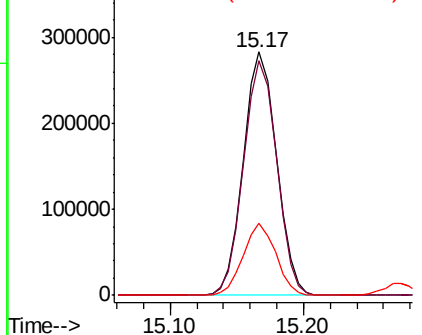
#93
 1,2,4-Trichlorobenzene
 Concen: 47.606 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.5
145	28.8	14.2	42.6

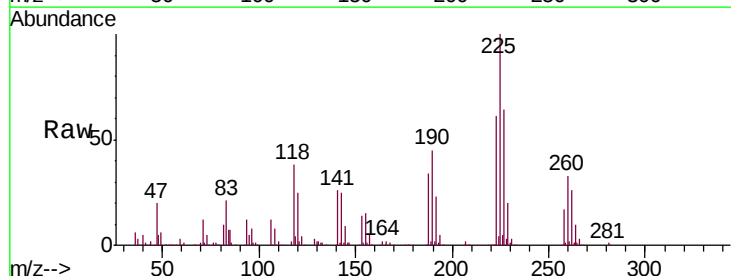


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

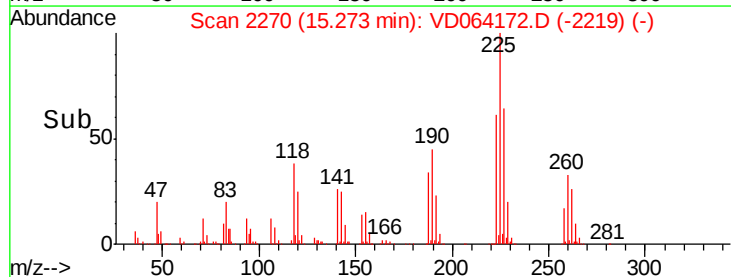
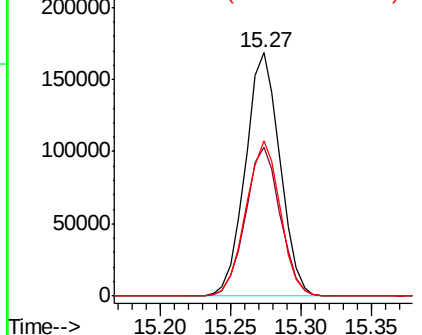


#94
 Hexachlorobutadiene
 Concen: 43.674 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD064172.D
 Acq: 08 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.1	93.3
227	63.6	31.5	94.5



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

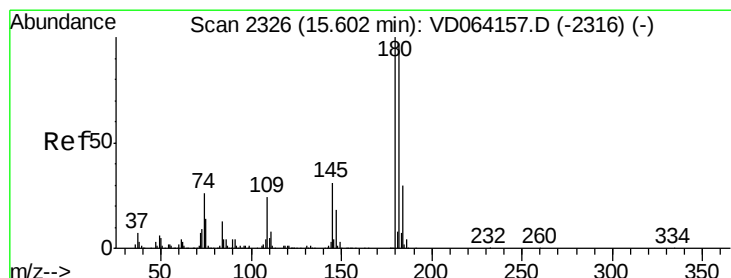
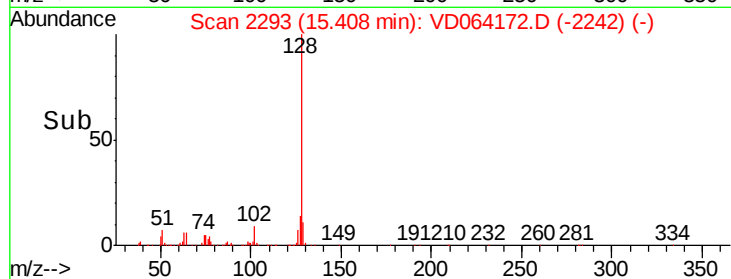
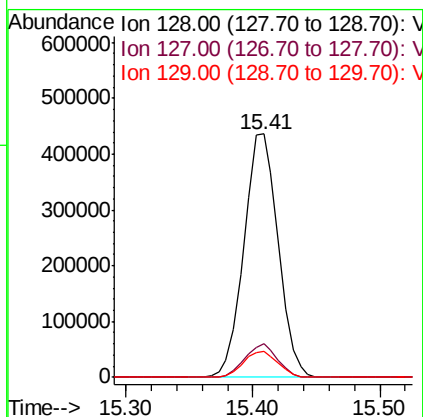
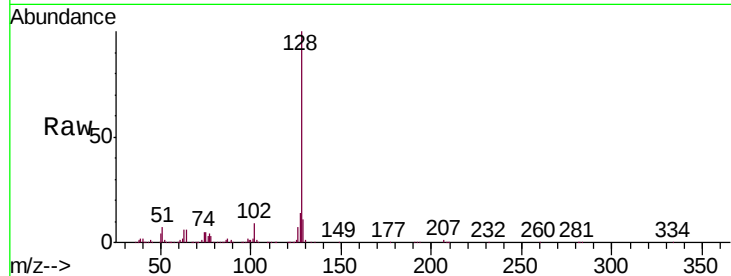




#95
Naphthalene
Concen: 48.575 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.135 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD064172.D
Acq: 08 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.3	144.9
145	29.9	15.3	45.8

