

Data File : VD064160.D
Acq On : 08 Nov 2019 16:53
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

Quant Time: Nov 09 01:46:50 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	7.98	168	954362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1358405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1163513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	576008	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	383280	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.92	113	377601	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	10.34	98	1435308	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.63	95	485020	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	392034	49.529	ug/l	98
3) Chloromethane	2.21	50	416402	49.046	ug/l	100
4) Vinyl Chloride	2.36	62	455685	50.191	ug/l	98
5) Bromomethane	2.77	94	290400	50.654	ug/l	98
6) Chloroethane	2.93	64	284427	49.028	ug/l	98
7) Trichlorofluoromethane	3.27	101	734267	49.883	ug/l	97
8) Diethyl Ether	3.70	74	194337	48.016	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	413589	49.159	ug/l	99
10) Methyl Iodide	4.30	142	455076	47.491	ug/l	99
11) Tert butyl alcohol	5.26	59	137294	260.711	ug/l	96
12) 1,1-Dichloroethene	4.06	96	395780	49.354	ug/l	93
13) Acrolein	3.93	56	128711	277.524	ug/l	97
14) Allyl chloride	4.71	41	696685	49.136	ug/l	99
15) Acrylonitrile	5.44	53	417748	242.111	ug/l	99
16) Acetone	4.17	43	477644	256.874	ug/l	98
17) Carbon Disulfide	4.40	76	1242930	49.770	ug/l	100
18) Methyl Acetate	4.73	43	234753	45.201	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	936508	48.919	ug/l	98
20) Methylene Chloride	4.97	84	431945	45.987	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	438645	48.279	ug/l	98
22) Diisopropyl ether	6.37	45	1292931	49.146	ug/l	99
23) Vinyl Acetate	6.31	43	3711998	253.127	ug/l	99
24) 1,1-Dichloroethane	6.27	63	754778	49.413	ug/l	99
25) 2-Butanone	7.22	43	592117	246.479	ug/l	100
26) 2,2-Dichloropropane	7.21	77	730085	48.737	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	485360	49.815	ug/l	97
28) Bromochloromethane	7.55	49	293075	55.110	ug/l	100
29) Tetrahydrofuran	7.57	42	352662	244.335	ug/l	99
30) Chloroform	7.71	83	766979	49.087	ug/l	99
31) Cyclohexane	7.98	56	729330	47.343	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	731824	48.915	ug/l	99
36) 1,1-Dichloropropene	8.11	75	615350	49.083	ug/l	99
37) Ethyl Acetate	7.30	43	253923	48.044	ug/l	98
38) Carbon Tetrachloride	8.10	117	667370	49.749	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	783461	49.387	ug/l	98
40) Benzene	8.36	78	1667631	48.671	ug/l	99
41) Methacrylonitrile	7.53	41	168766	50.804	ug/l	95
42) 1,2-Dichloroethane	8.43	62	497781	48.372	ug/l	100
43) Isopropyl Acetate	8.46	43	534336	49.068	ug/l	99
44) Trichloroethene	9.11	130	502584	48.872	ug/l	97
45) 1,2-Dichloropropane	9.39	63	407541	48.868	ug/l	97
46) Dibromomethane	9.48	93	214622	48.071	ug/l	99
47) Bromodichloromethane	9.67	83	586095	48.735	ug/l	98
48) Methyl methacrylate	9.46	41	241962	45.440	ug/l	97
49) 1,4-Dioxane	9.47	88	50069	933.759	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	1256049	240.524	ug/l	100
52) Toluene	10.40	92	1091982	48.467	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	590584	49.018	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	690323	49.100	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	299774	49.495	ug/l	98
56) Ethyl methacrylate	10.66	69	411847	48.610	ug/l	99
57) 1,3-Dichloropropane	10.95	76	518918	49.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	823597	239.976	ug/l	100
59) 2-Hexanone	10.99	43	914940	246.266	ug/l	99
60) Dibromochloromethane	11.14	129	405653	47.999	ug/l	98
61) 1,2-Dibromoethane	11.25	107	296312	48.845	ug/l	98
64) Tetrachloroethene	10.88	164	434740	48.583	ug/l	99
65) Chlorobenzene	11.67	112	1153868	48.768	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	441070	49.026	ug/l	99
67) Ethyl Benzene	11.75	91	2105099	49.188	ug/l	99
68) m/p-Xylenes	11.86	106	1612437	98.294	ug/l	99
69) o-Xylene	12.18	106	744909	48.962	ug/l	99
70) Styrene	12.20	104	1291472	48.630	ug/l	100
71) Bromoform	12.37	173	252490	49.315	ug/l #	98
73) Isopropylbenzene	12.48	105	2024717	47.890	ug/l	100
74) N-amyl acetate	12.29	43	474816	47.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	308001	48.347	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	425860	91.789	ug/l #	100
77) Bromobenzene	12.77	156	489229	47.630	ug/l	98
78) n-propylbenzene	12.83	91	2325428	48.141	ug/l	99
79) 2-Chlorotoluene	12.91	91	1308499	47.980	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1652953	47.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	113702	48.681	ug/l	99
82) 4-Chlorotoluene	13.01	91	1383224	48.628	ug/l	99
83) tert-Butylbenzene	13.23	119	1449060	47.303	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	1660179	48.405	ug/l	100
85) sec-Butylbenzene	13.40	105	1982615	48.188	ug/l	100
86) p-Isopropyltoluene	13.52	119	1889794	48.314	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	928113	48.677	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	908053	48.797	ug/l	100
89) n-Butylbenzene	13.84	91	1714586	48.519	ug/l	100
90) Hexachloroethane	14.11	117	347559	48.079	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	789264	48.907	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	51524	45.235	ug/l	97

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

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ClientSampleId :
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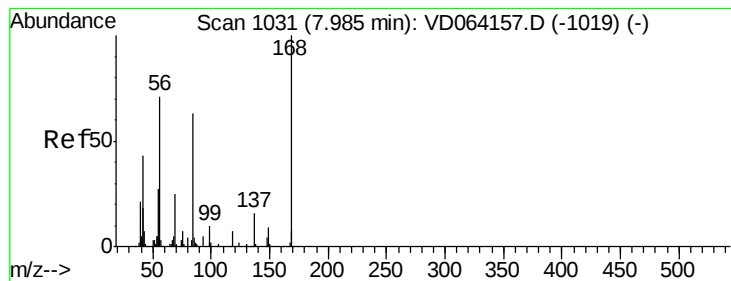
Quant Time: Nov 09 01:46:50 2019
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	610576	49.046	ug/l	100
94) Hexachlorobutadiene	15.27	225	390077	48.512	ug/l	99
95) Naphthalene	15.40	128	993087	48.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	520412	49.178	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

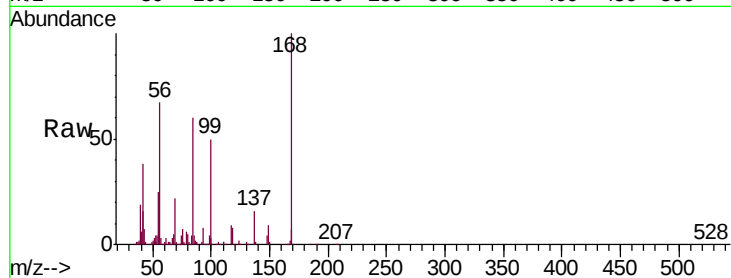
ICVVD110819

Tgt Ion:168 Resp: 954362

Ion Ratio Lower Upper

168 100

99 50.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

300000

200000

100000

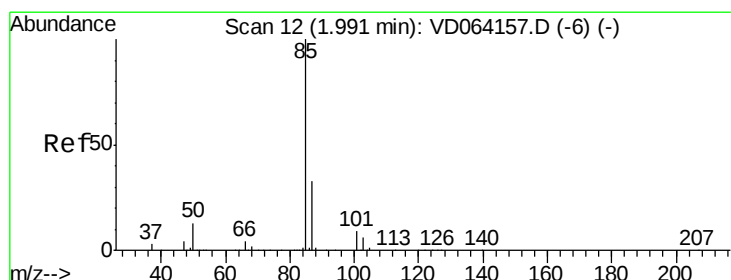
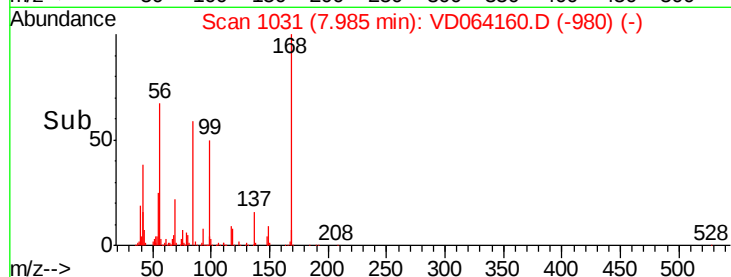
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.529 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064160.D

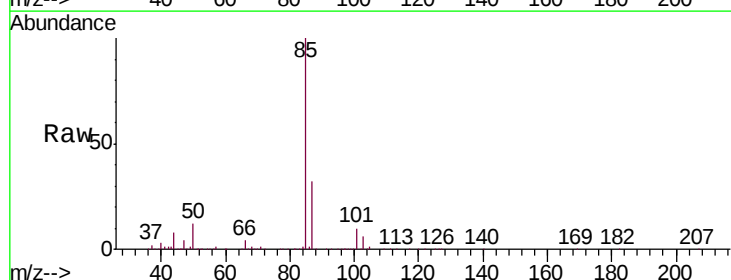
Acq: 08 Nov 2019 16:53

Tgt Ion: 85 Resp: 392034

Ion Ratio Lower Upper

85 100

87 31.9 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

300000

250000

200000

150000

100000

50000

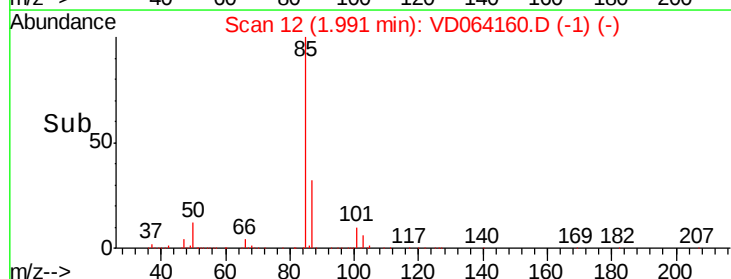
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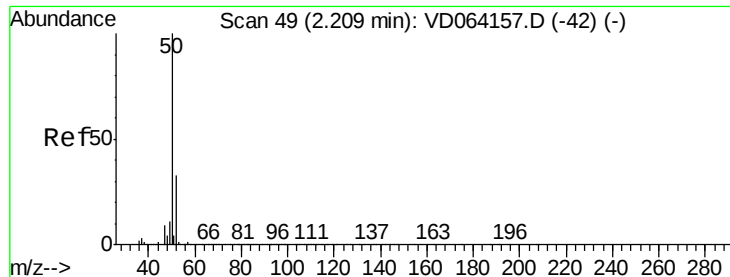
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 49.046 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

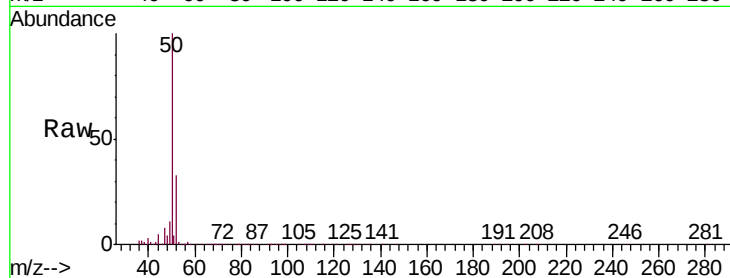
ICVVD110819

Tgt Ion: 50 Resp: 416402

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

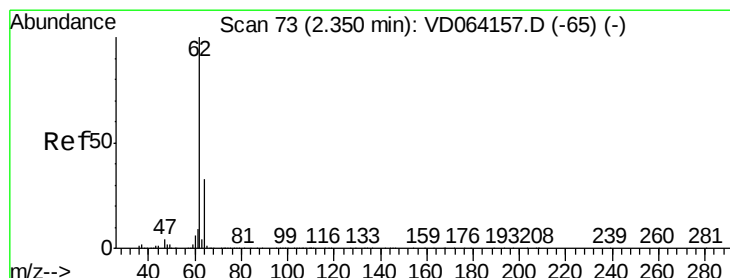
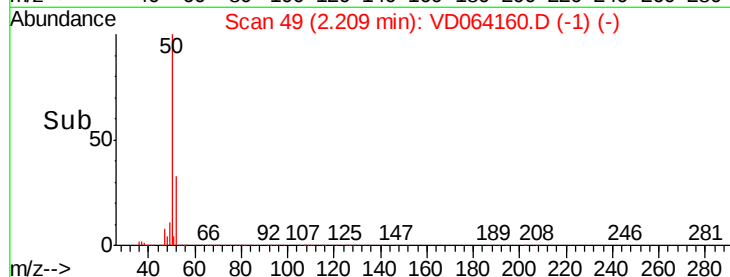
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 50.191 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD064160.D

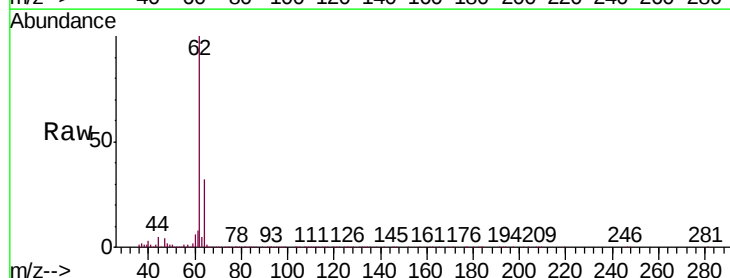
Acq: 08 Nov 2019 16:53

Tgt Ion: 62 Resp: 455685

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.36

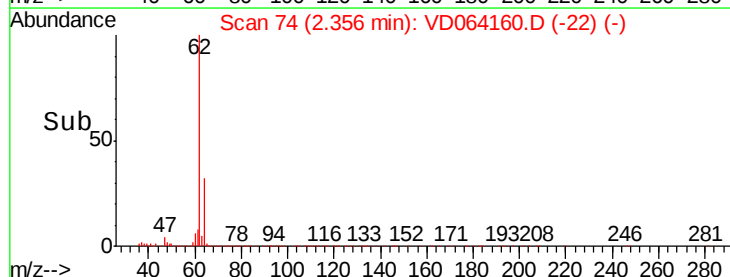
300000

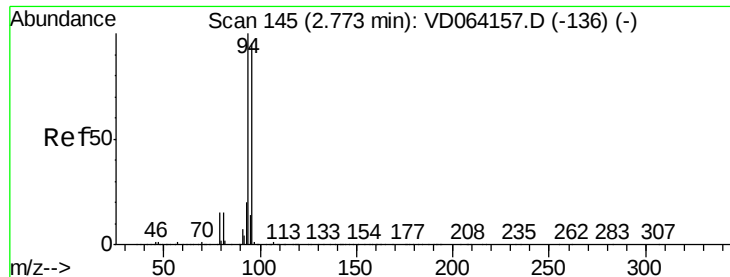
200000

100000

0

Time-->





#5

Bromomethane

Concen: 50.654 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

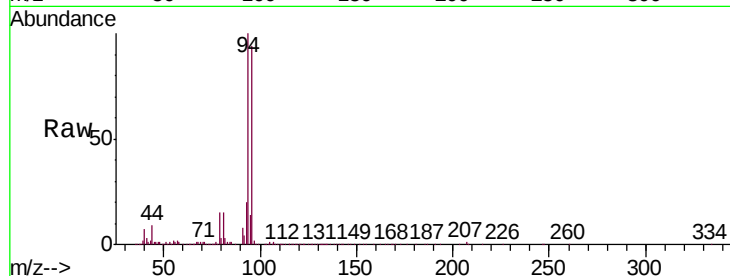
ICVVD110819

Tgt Ion: 94 Resp: 290400

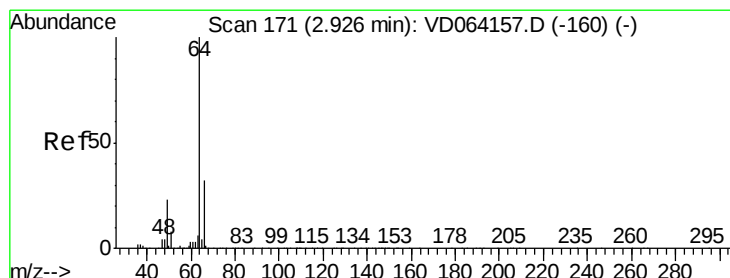
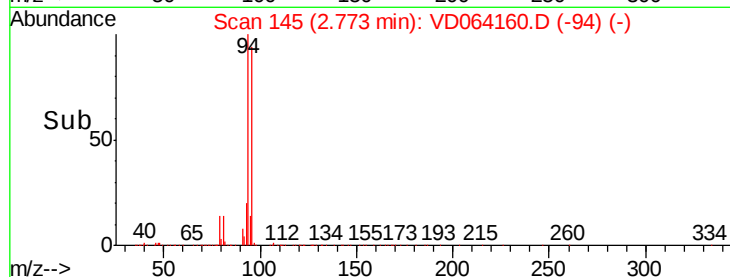
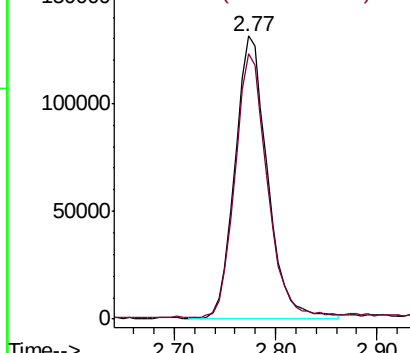
Ion Ratio Lower Upper

94 100

96 93.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.028 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD064160.D

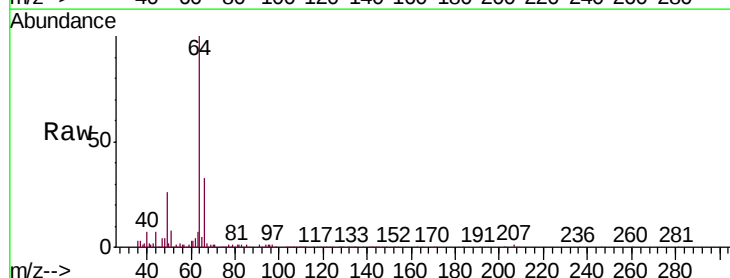
Acq: 08 Nov 2019 16:53

Tgt Ion: 64 Resp: 284427

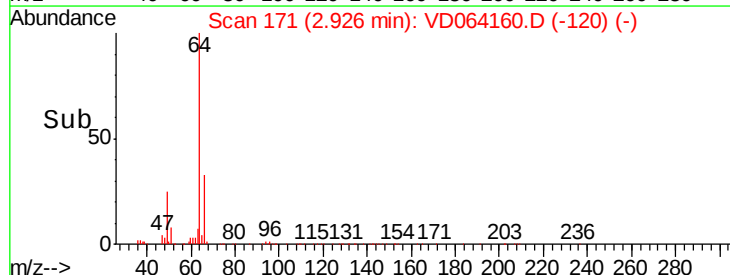
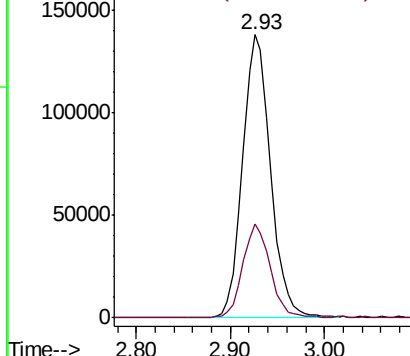
Ion Ratio Lower Upper

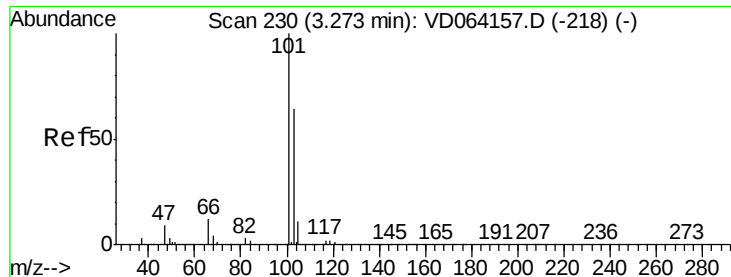
64 100

66 33.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC
Ion 65.90 (65.60 to 66.60): VDC



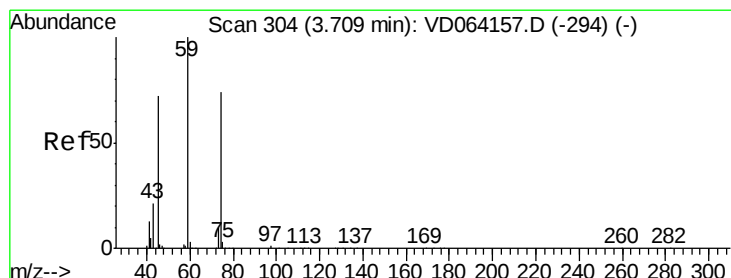
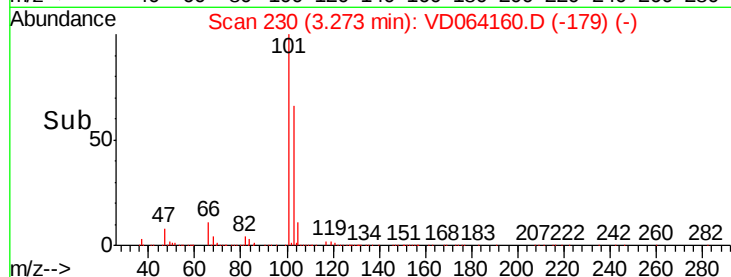
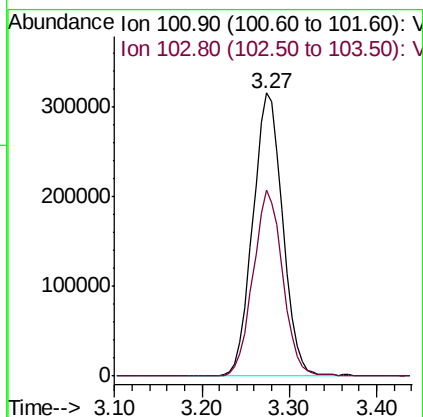
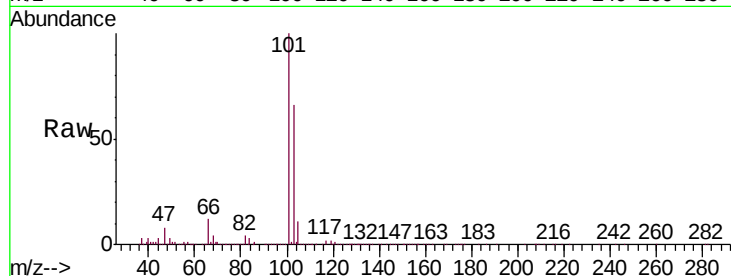


#7

Trichlorofluoromethane
Concen: 49.883 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD064160.D
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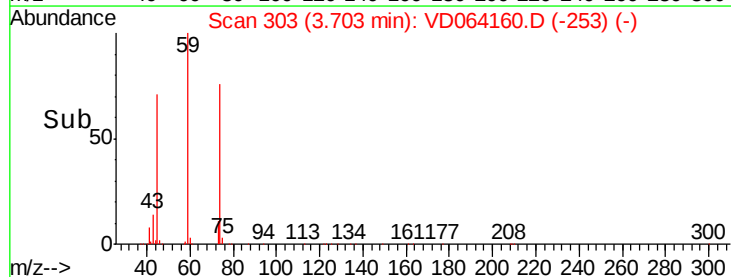
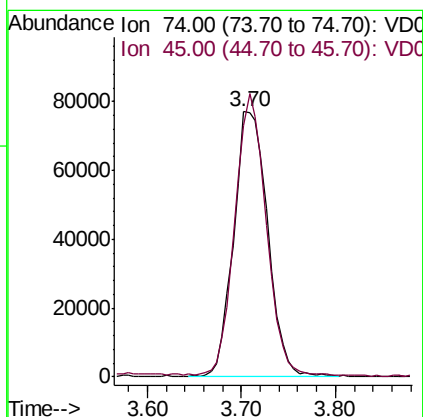
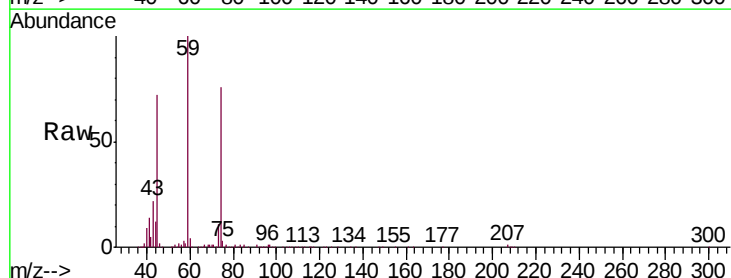
Tgt Ion:101 Resp: 734267
Ion Ratio Lower Upper
101 100
103 65.7 50.8 76.2

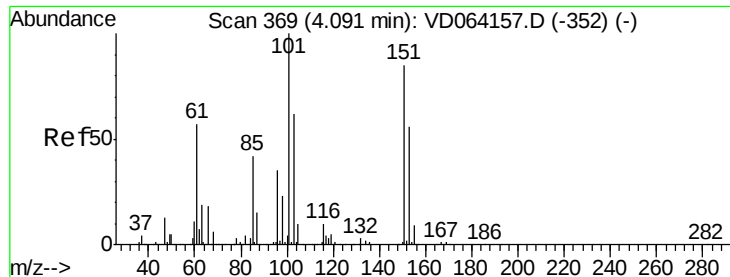


#8

Diethyl Ether
Concen: 48.016 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 74 Resp: 194337
Ion Ratio Lower Upper
74 100
45 97.1 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.159 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

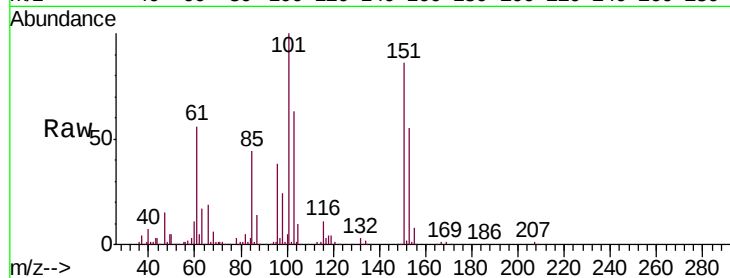
Tgt Ion:101 Resp: 413589

Ion Ratio Lower Upper

101 100

85 43.9 34.4 51.6

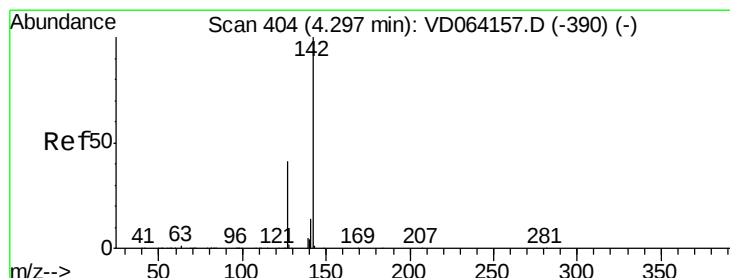
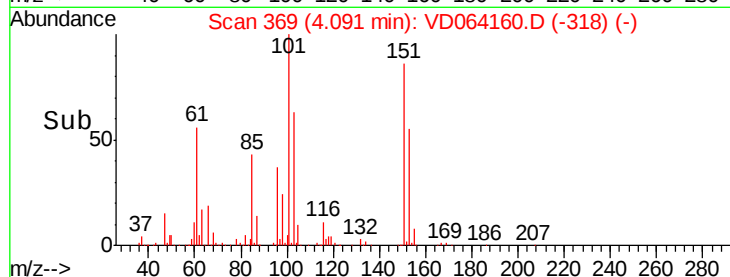
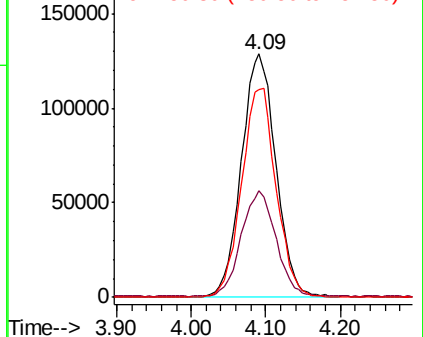
151 85.7 68.1 102.1



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: 47.491 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

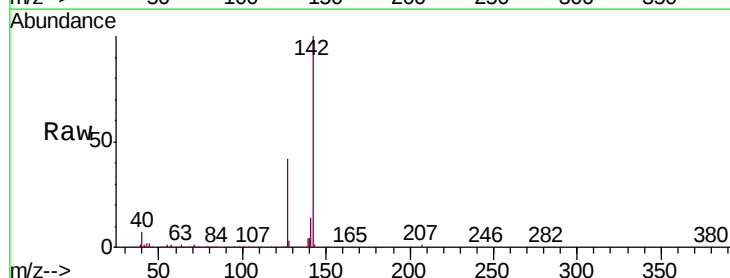
Tgt Ion:142 Resp: 455076

Ion Ratio Lower Upper

142 100

127 43.8 34.4 51.6

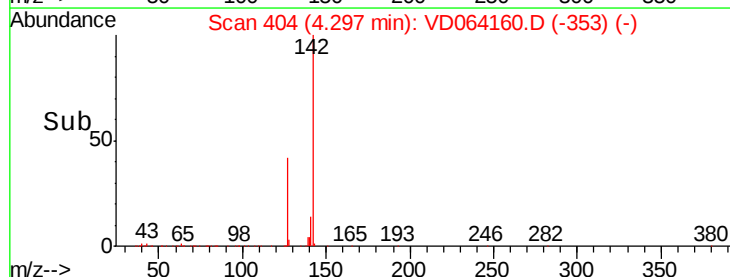
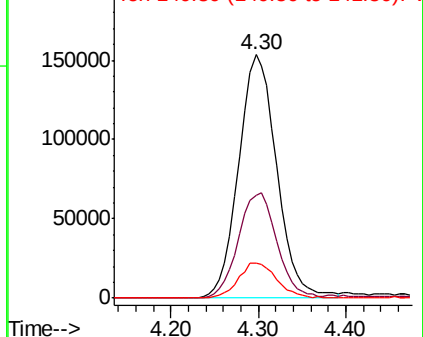
141 14.8 11.2 16.8

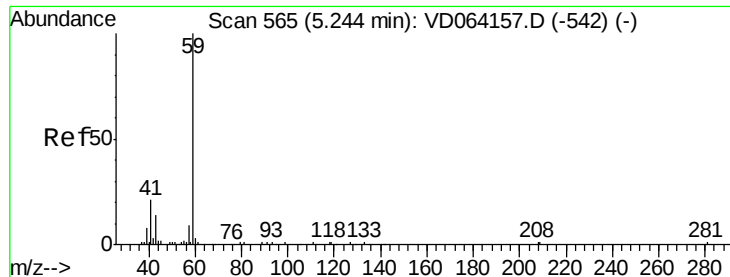


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

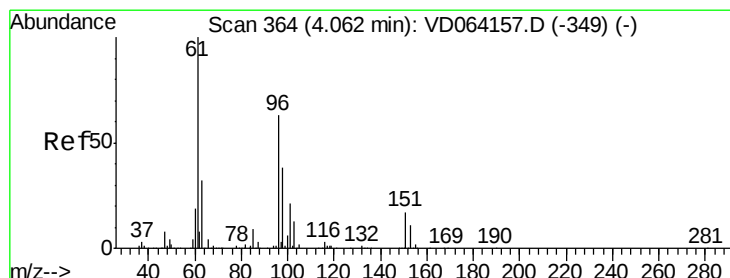
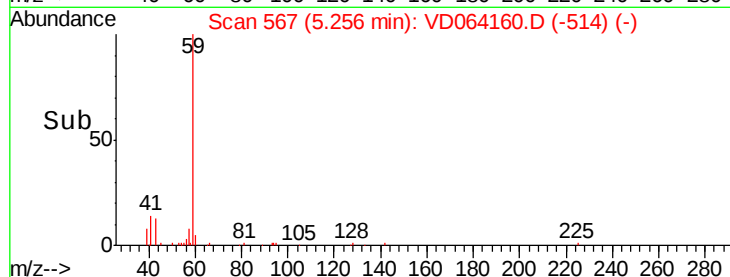
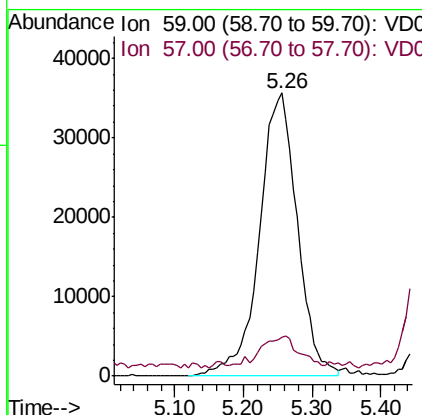
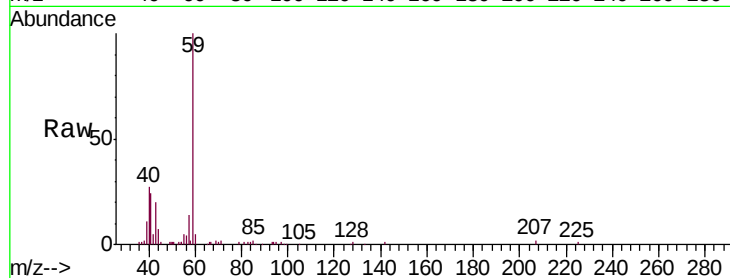




#11
Tert butyl alcohol
Concen: 260.711 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

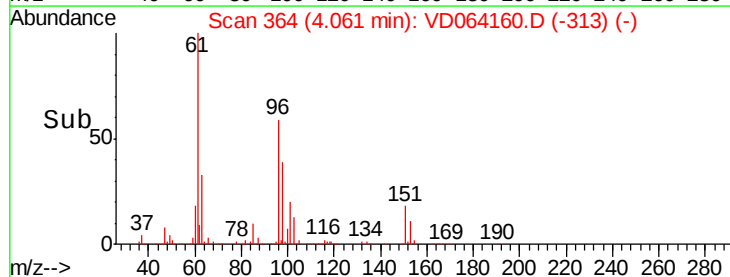
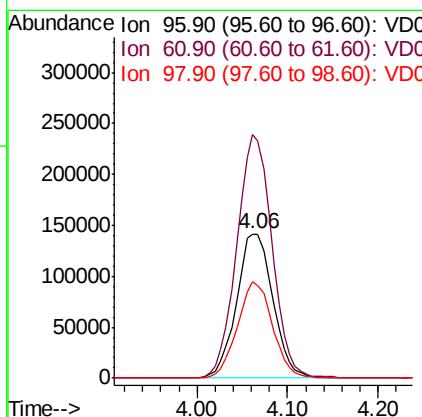
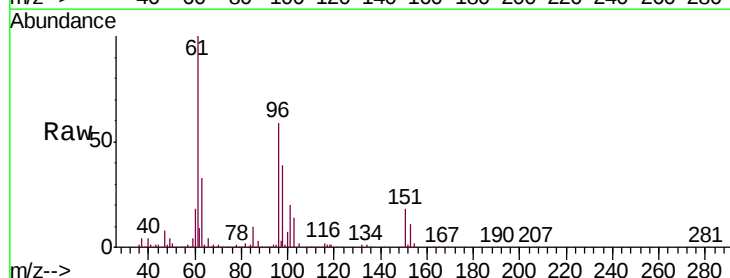
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

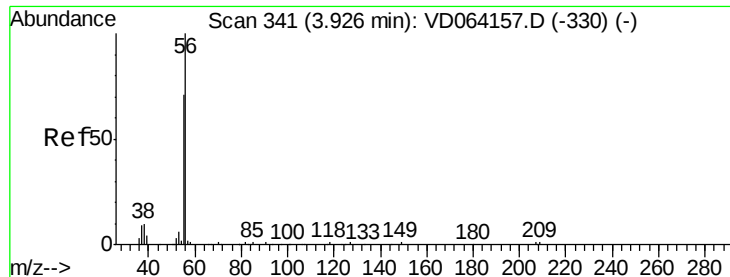
Tgt Ion: 59 Resp: 137294
Ion Ratio Lower Upper
59 100
57 10.2 9.4 14.2



#12
1,1-Dichloroethene
Concen: 49.354 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 96 Resp: 395780
Ion Ratio Lower Upper
96 100
61 168.6 127.4 191.2
98 66.1 48.1 72.1





#13

Acrolein

Concen: 277.524 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

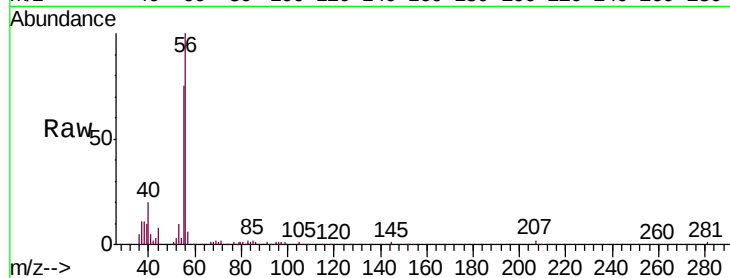
ICVVD110819

Tgt Ion: 56 Resp: 128711

Ion Ratio Lower Upper

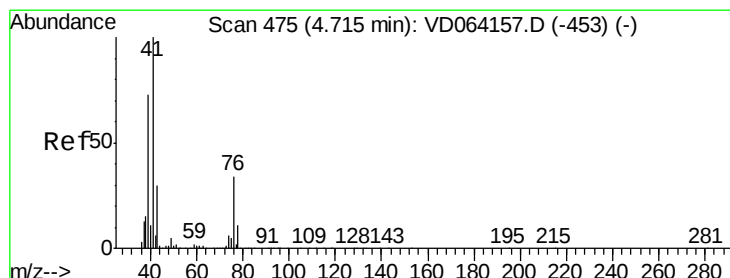
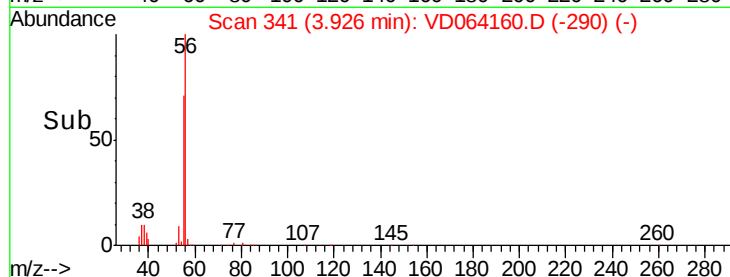
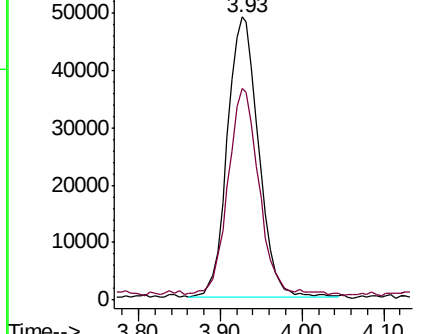
56 100

55 72.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.136 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

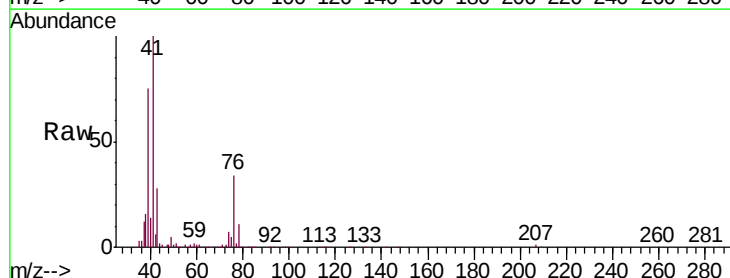
Tgt Ion: 41 Resp: 696685

Ion Ratio Lower Upper

41 100

39 72.7 57.5 86.3

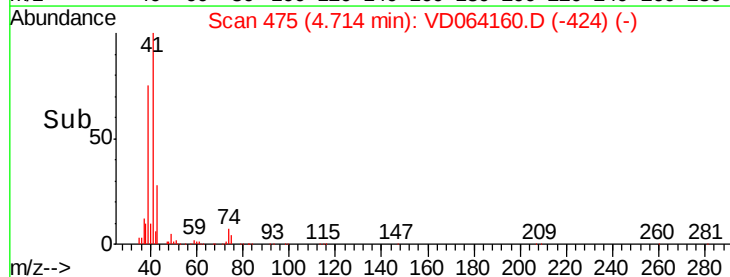
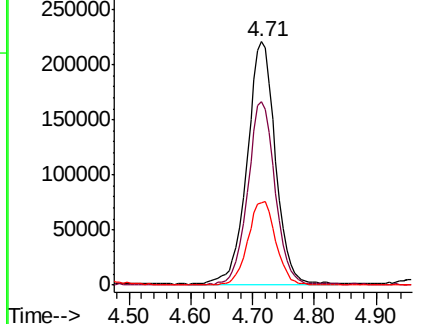
76 33.7 26.8 40.2

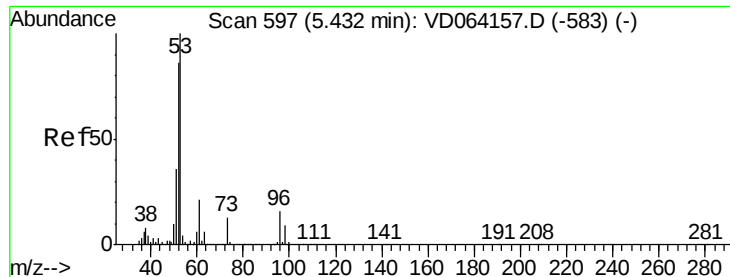


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 242.111 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

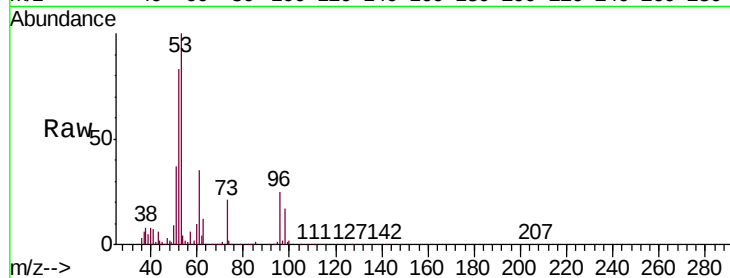
Tgt Ion: 53 Resp: 417748

Ion Ratio Lower Upper

53 100

52 82.8 66.7 100.1

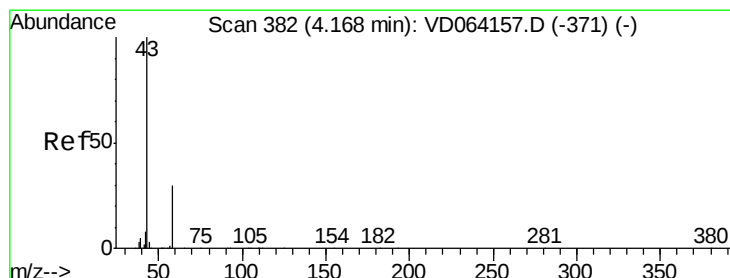
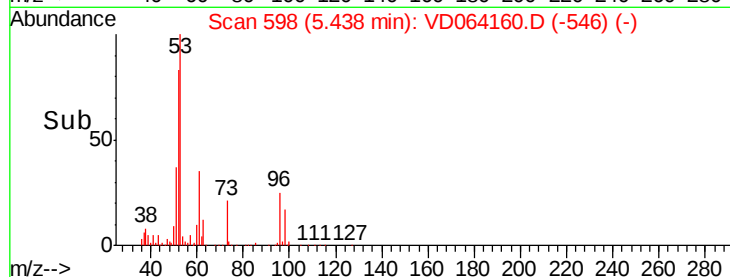
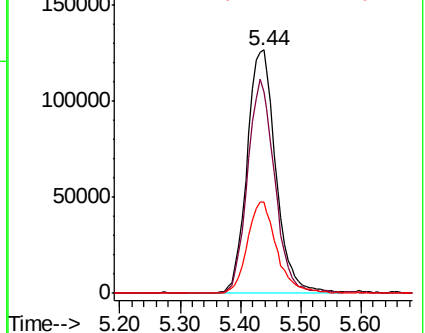
51 38.2 30.6 46.0



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: 256.874 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064160.D

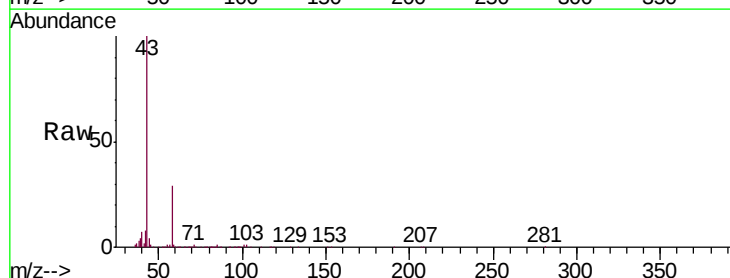
Acq: 08 Nov 2019 16:53

Tgt Ion: 43 Resp: 477644

Ion Ratio Lower Upper

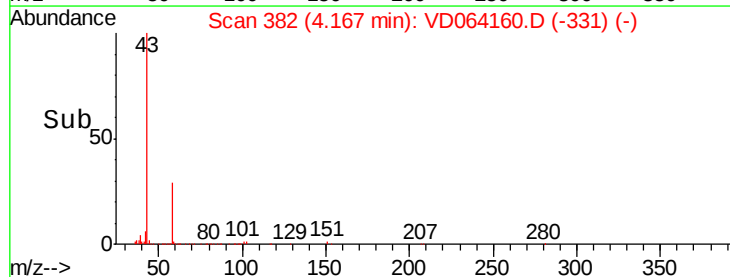
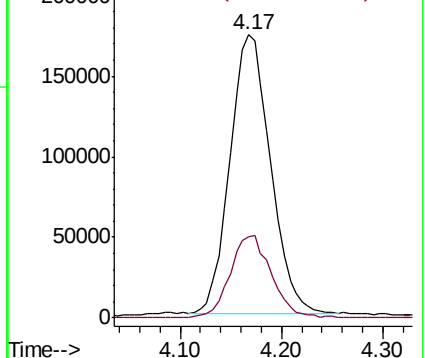
43 100

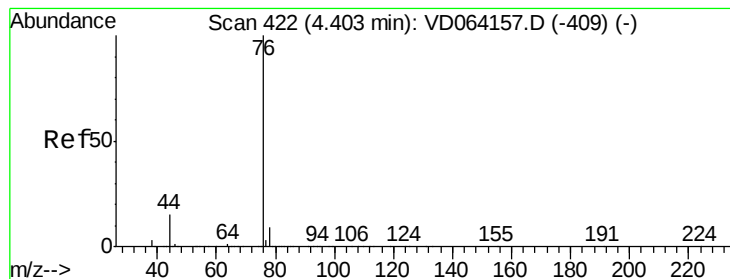
58 28.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 49.770 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

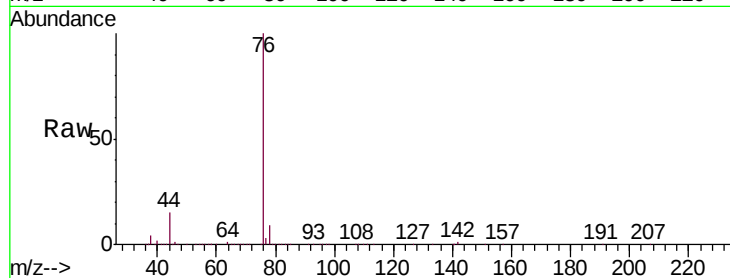
ICVVD110819

Tgt Ion: 76 Resp: 1242930

Ion Ratio Lower Upper

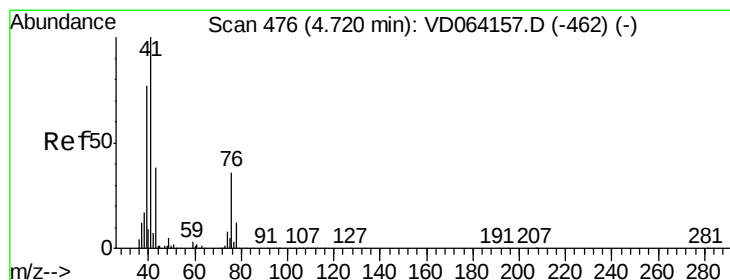
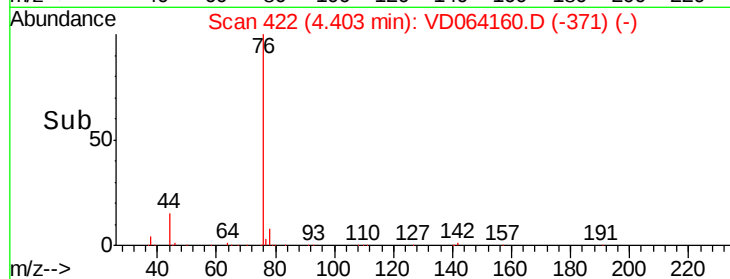
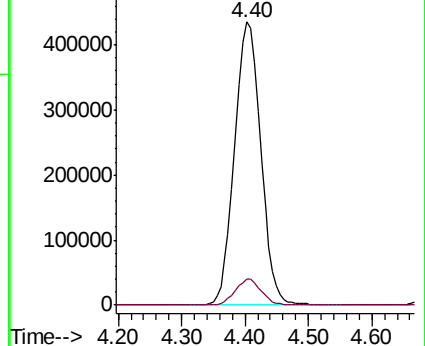
76 100

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: 45.201 ug/l

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD064160.D

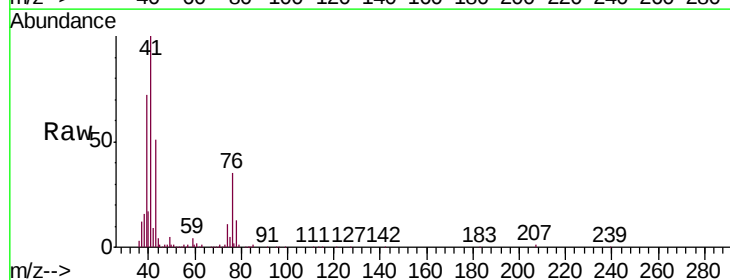
Acq: 08 Nov 2019 16:53

Tgt Ion: 43 Resp: 234753

Ion Ratio Lower Upper

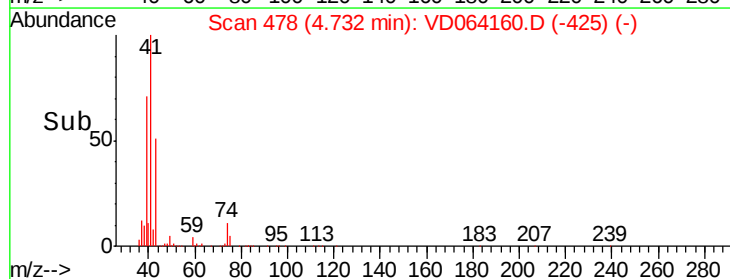
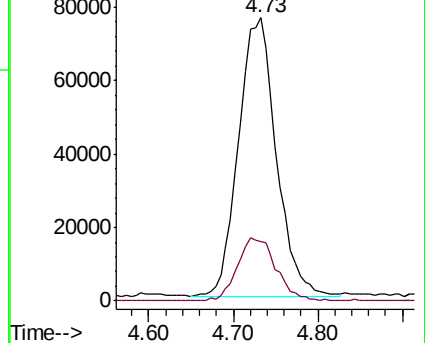
43 100

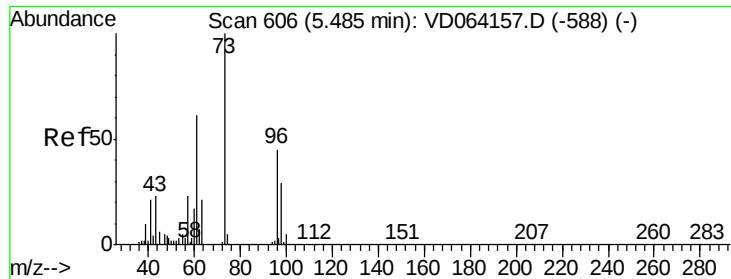
74 23.0 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

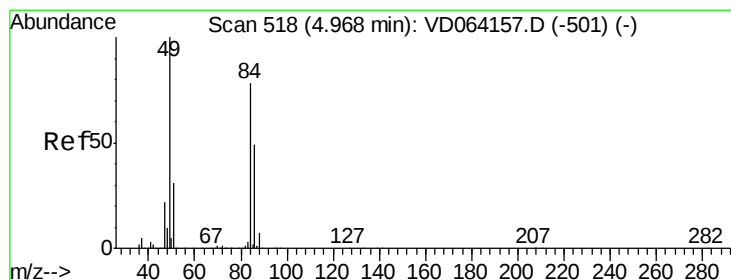
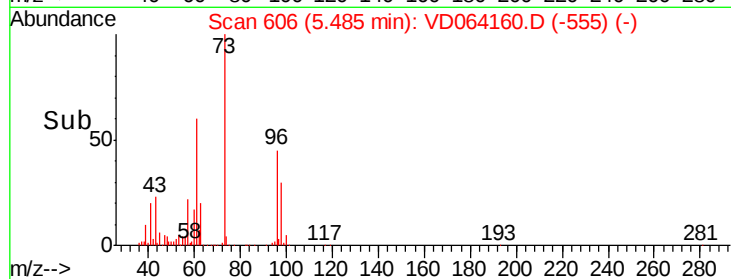
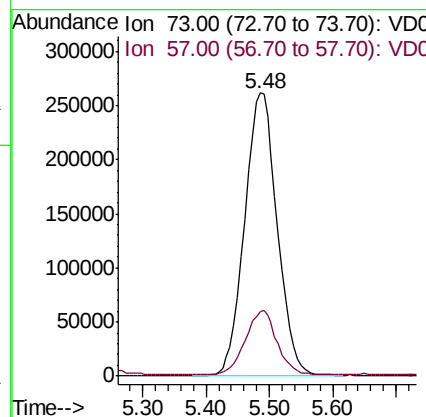
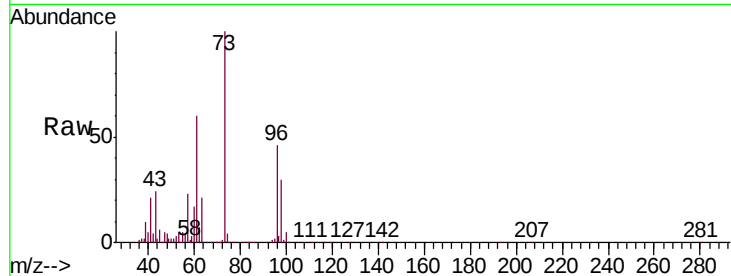




#19
Methyl tert-butyl Ether
Concen: 48.919 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

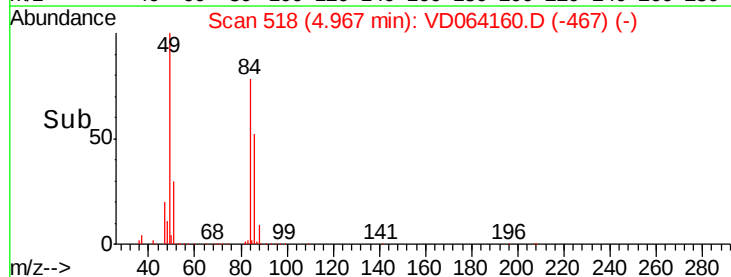
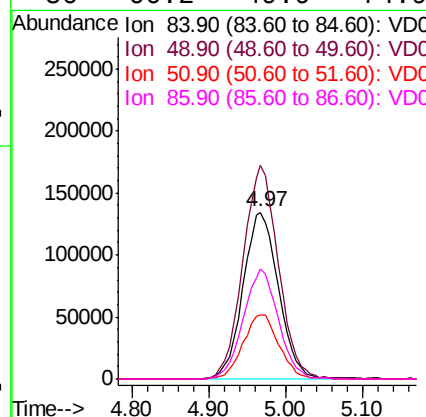
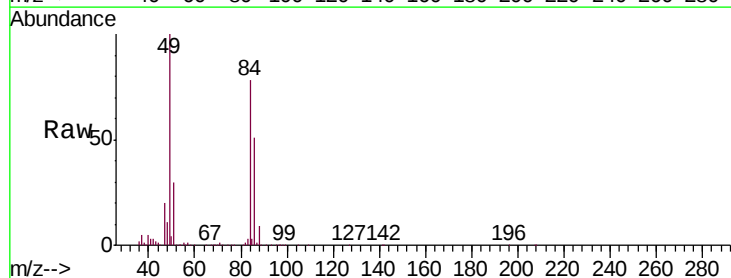
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

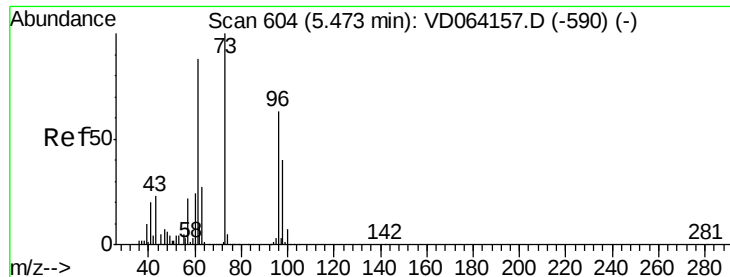
Tgt Ion: 73 Resp: 936508
Ion Ratio Lower Upper
73 100
57 22.2 18.4 27.6



#20
Methylene Chloride
Concen: 45.987 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 84 Resp: 431945
Ion Ratio Lower Upper
84 100
49 128.6 102.1 153.1
51 38.6 32.2 48.2
86 66.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.279 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

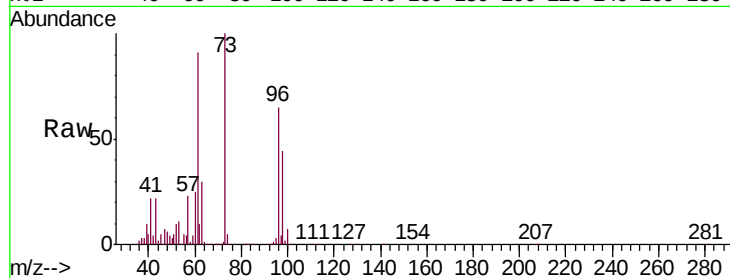
Tgt Ion: 96 Resp: 438645

Ion Ratio Lower Upper

96 100

61 139.3 111.8 167.6

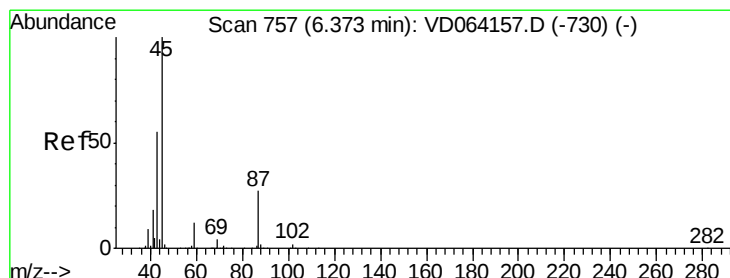
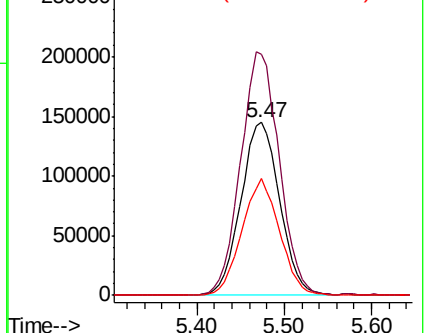
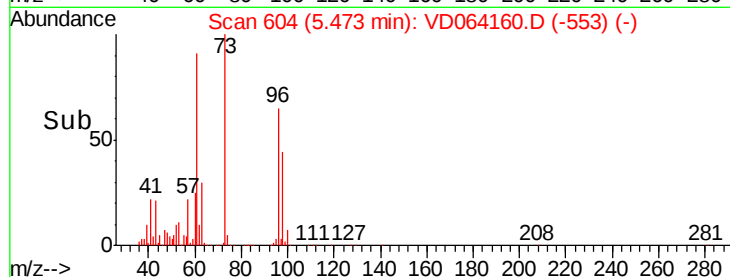
98 67.1 50.3 75.5



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: 49.146 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Tgt Ion: 45 Resp: 1292931

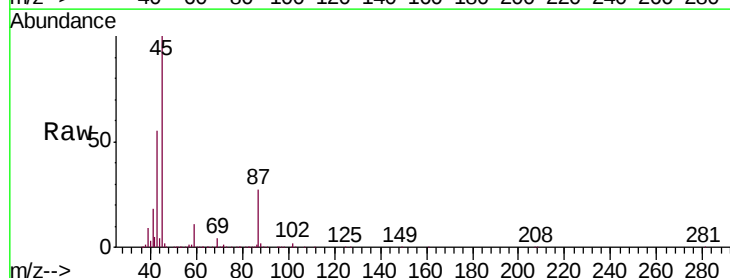
Ion Ratio Lower Upper

45 100

43 54.9 44.4 66.6

87 26.8 21.9 32.9

59 11.0 9.4 14.2

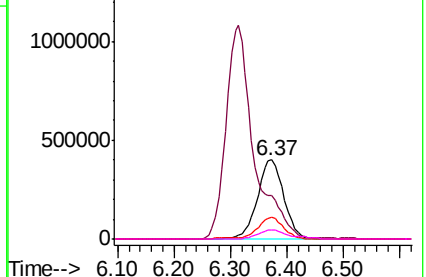
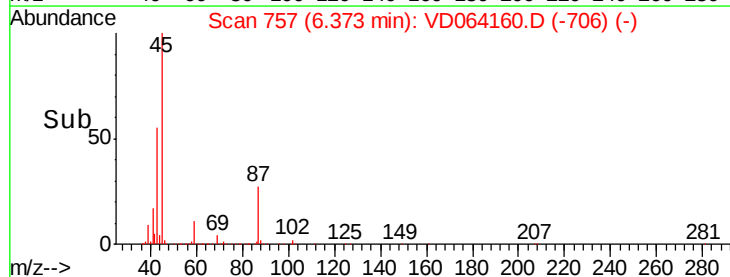


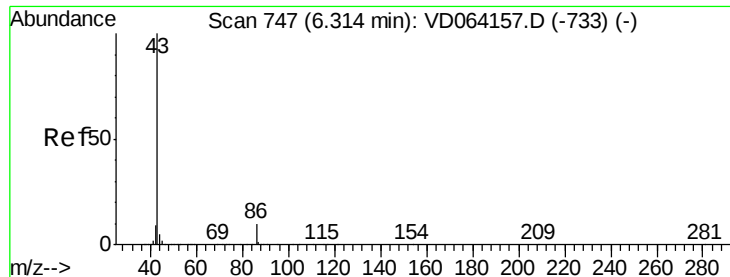
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 253.127 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

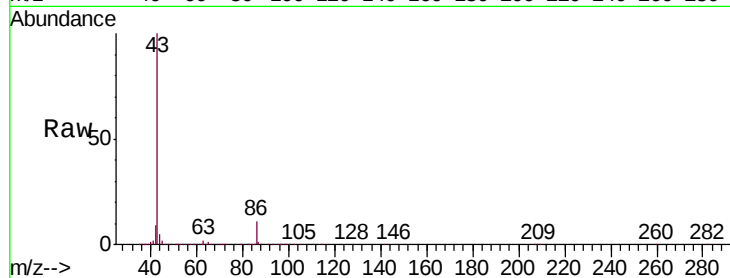
ICVVD110819

Tgt Ion: 43 Resp: 3711998

Ion Ratio Lower Upper

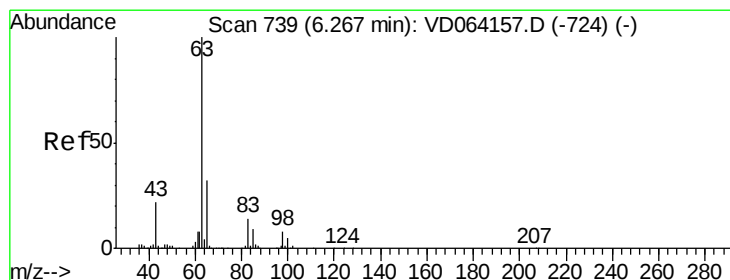
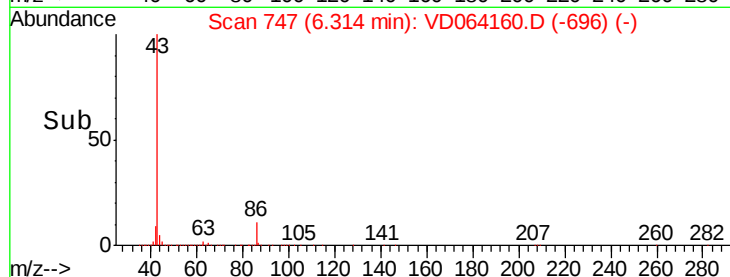
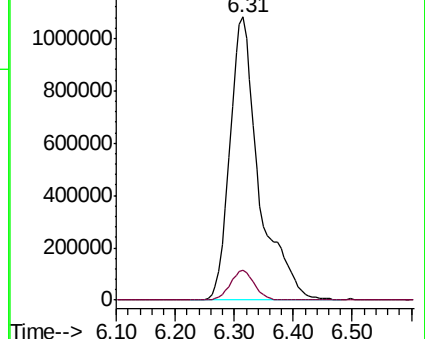
43 100

86 10.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.413 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

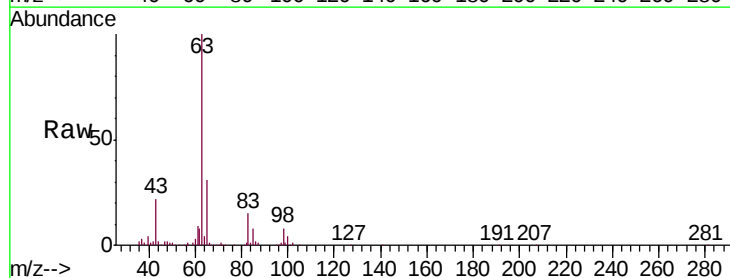
Tgt Ion: 63 Resp: 754778

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

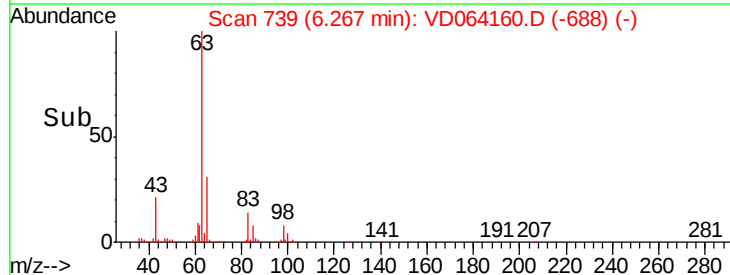
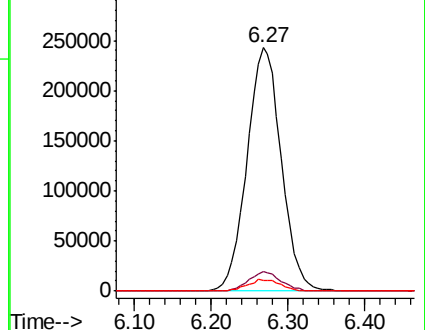
100 4.5 2.4 7.2

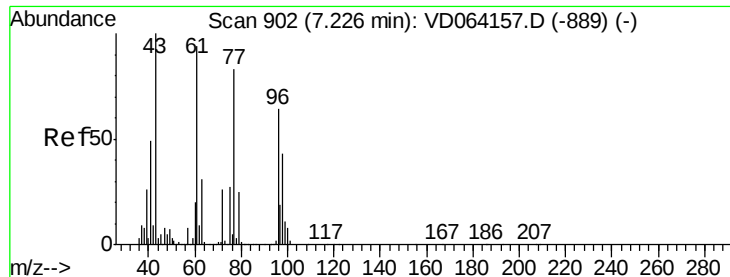


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 246.479 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

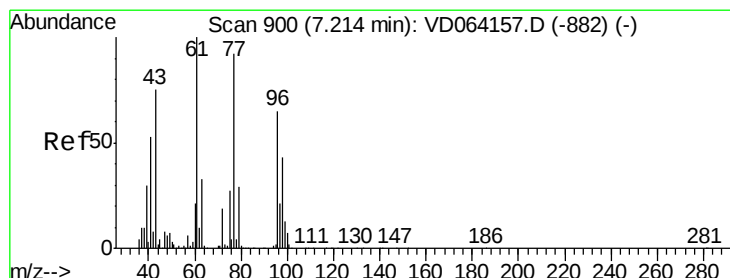
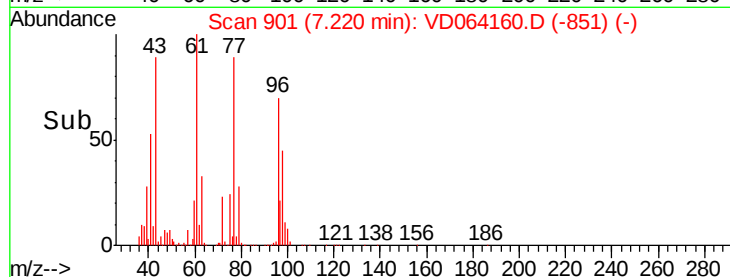
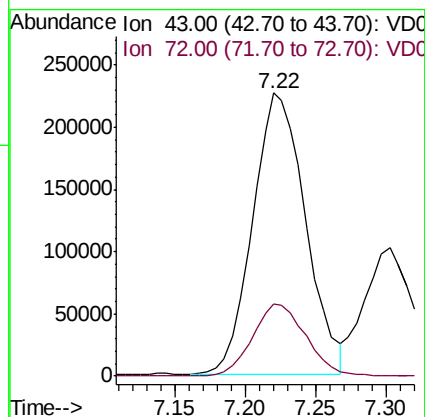
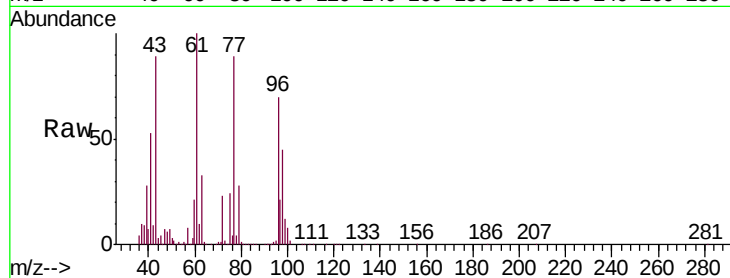
ICVVD110819

Tgt Ion: 43 Resp: 592117

Ion Ratio Lower Upper

43 100

72 25.8 20.6 30.8



#26

2,2-Dichloropropane

Concen: 48.737 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD064160.D

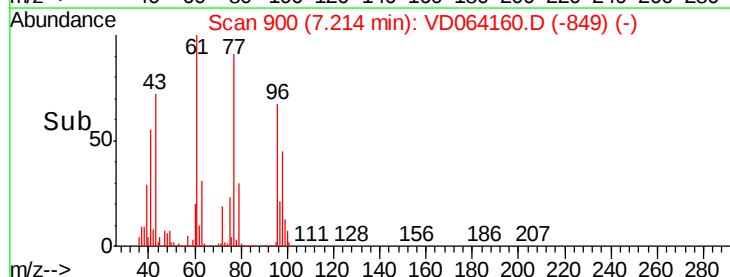
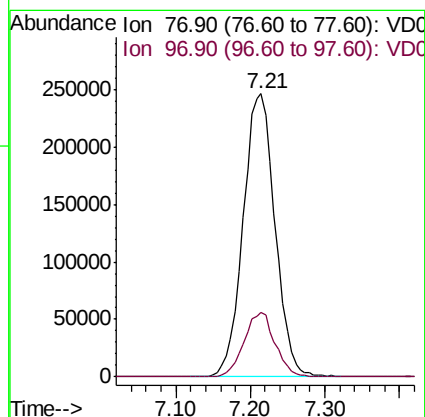
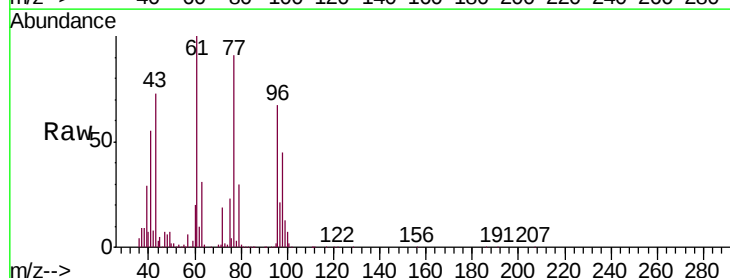
Acq: 08 Nov 2019 16:53

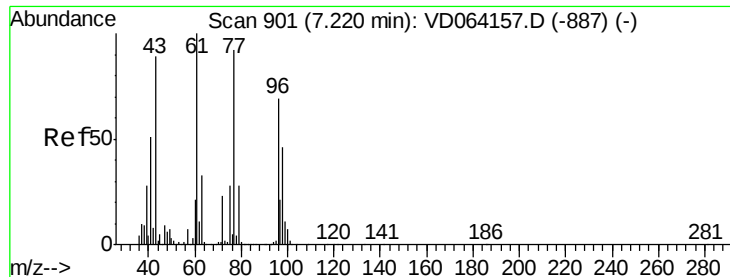
Tgt Ion: 77 Resp: 730085

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.815 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

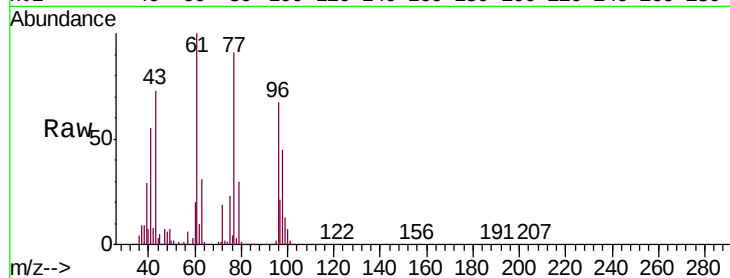
Tgt Ion: 96 Resp: 485360

Ion Ratio Lower Upper

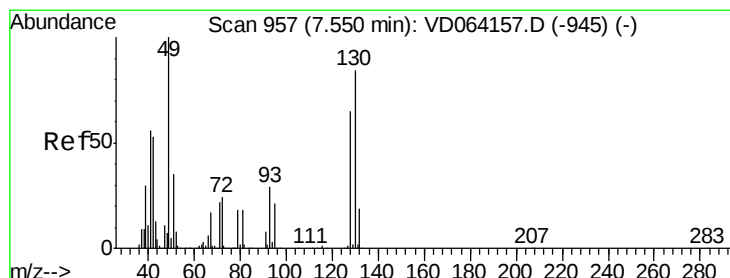
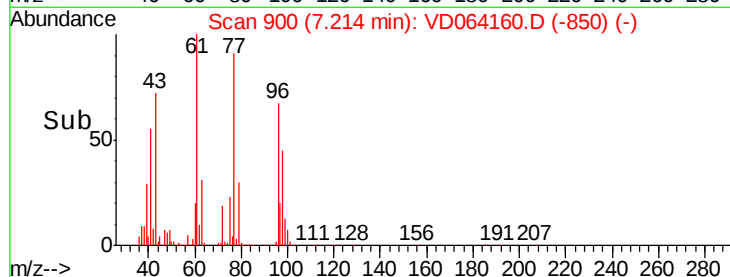
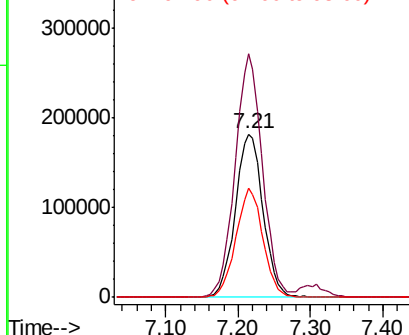
96 100

61 146.1 0.0 301.4

98 64.8 0.0 133.2



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



#28

Bromochloromethane

Concen: 55.110 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

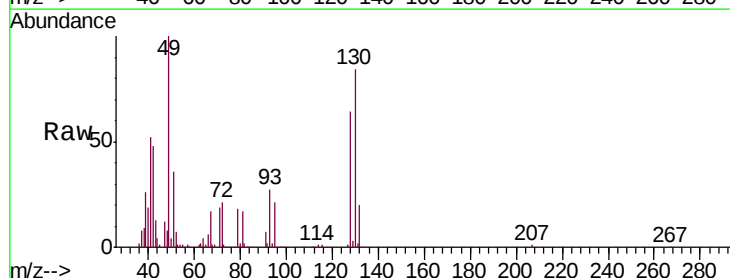
Tgt Ion: 49 Resp: 293075

Ion Ratio Lower Upper

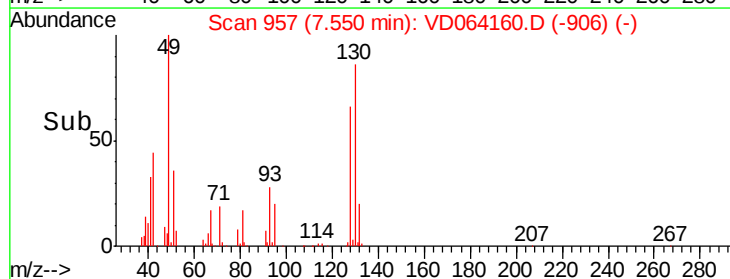
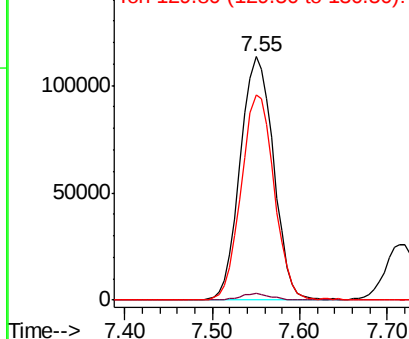
49 100

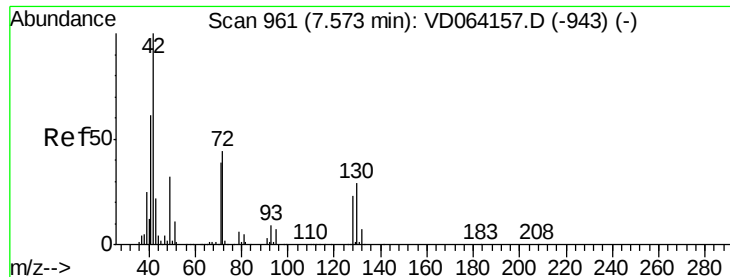
129 2.4 0.0 4.4

130 83.2 66.8 100.2



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





#29

Tetrahydrofuran

Concen: 244.335 ug/l

RT: 7.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

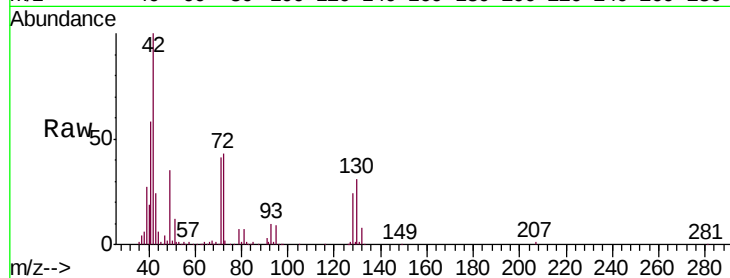
Tgt Ion: 42 Resp: 352662

Ion Ratio Lower Upper

42 100

72 42.4 33.4 50.2

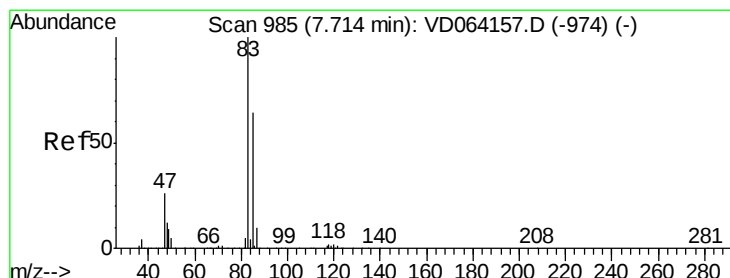
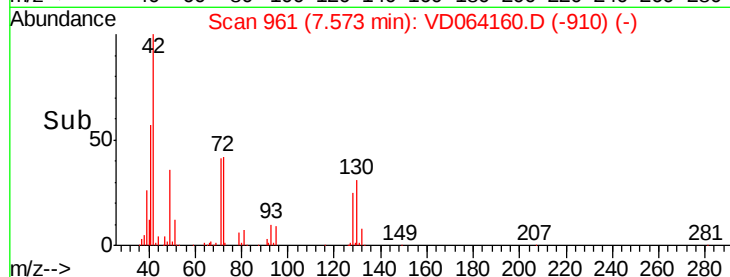
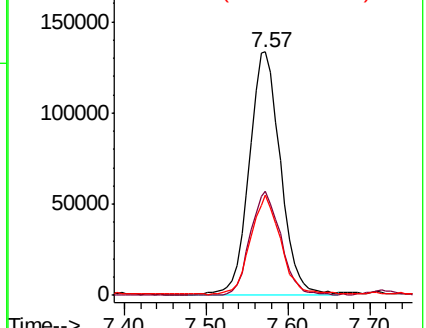
71 39.5 31.0 46.4



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: 49.087 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD064160.D

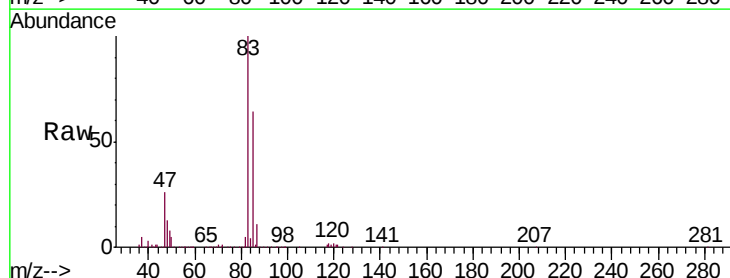
Acq: 08 Nov 2019 16:53

Tgt Ion: 83 Resp: 766979

Ion Ratio Lower Upper

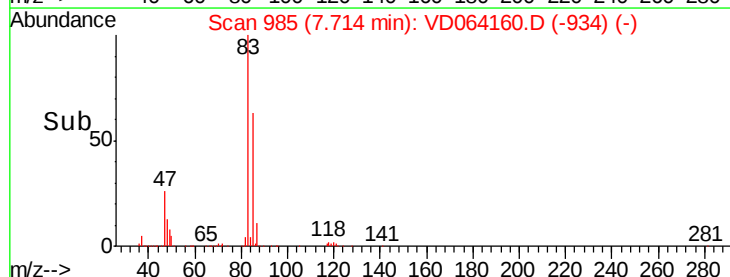
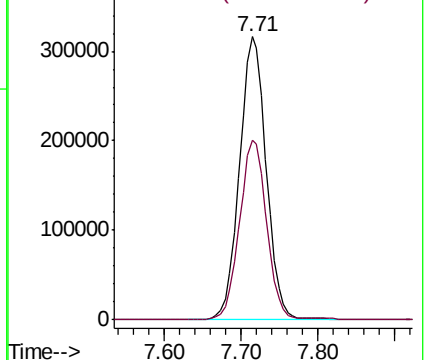
83 100

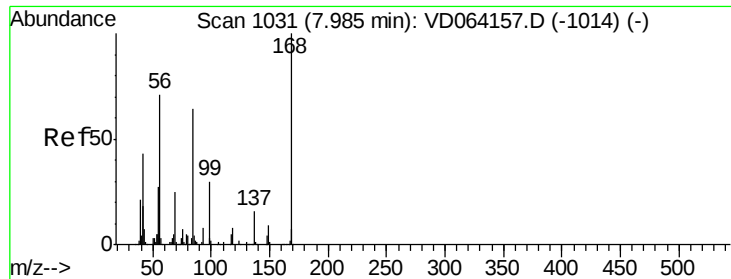
85 63.4 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

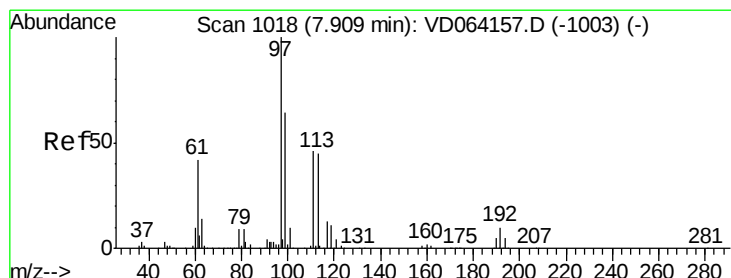
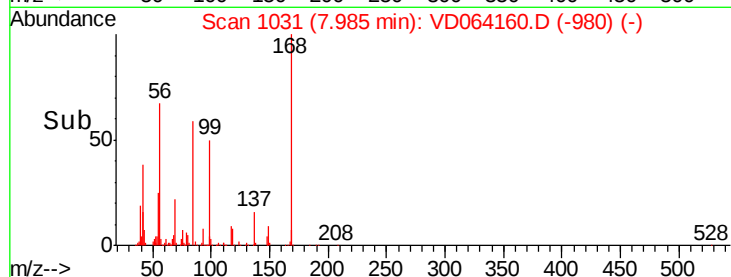
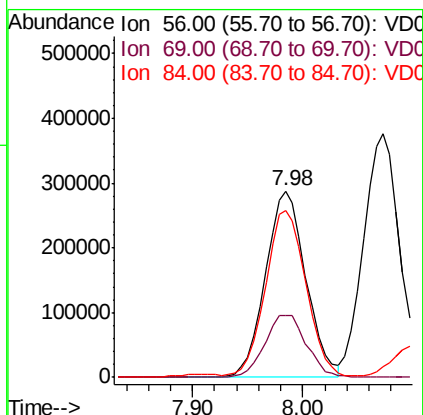
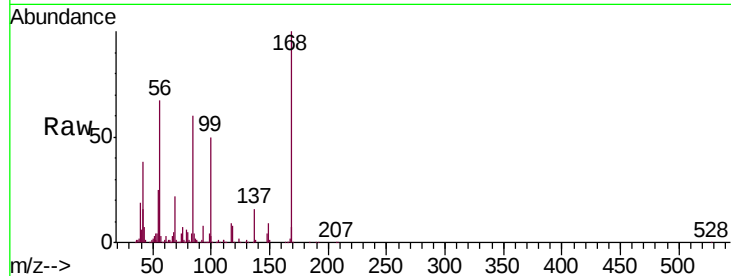




#31
Cyclohexane
Concen: 47.343 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

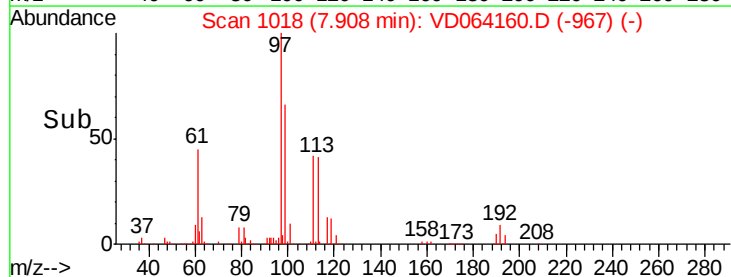
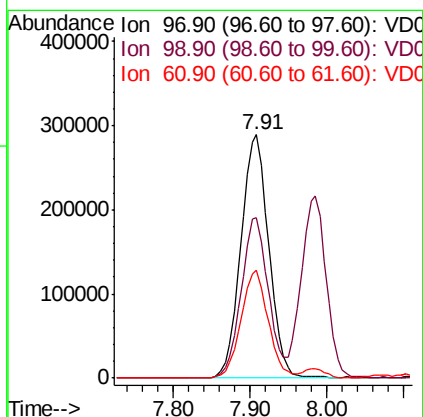
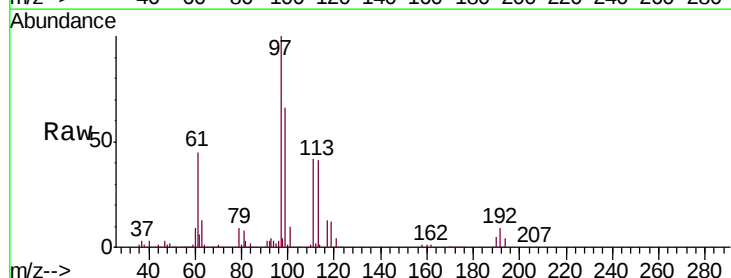
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

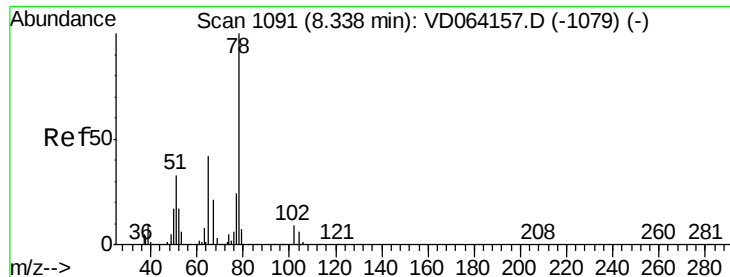
Tgt Ion: 56 Resp: 729330
Ion Ratio Lower Upper
56 100
69 33.1 28.2 42.4
84 88.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.915 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 97 Resp: 731824
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 43.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.831 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

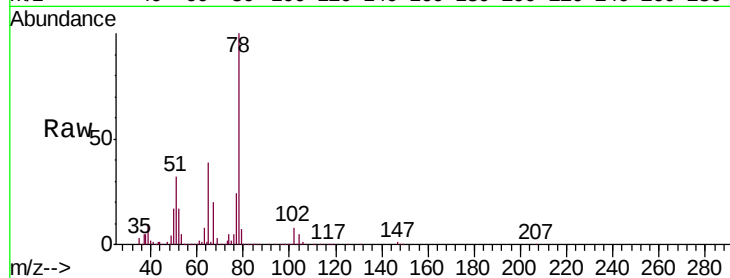
ICVVD110819

Tgt Ion: 65 Resp: 383280

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

150000

100000

50000

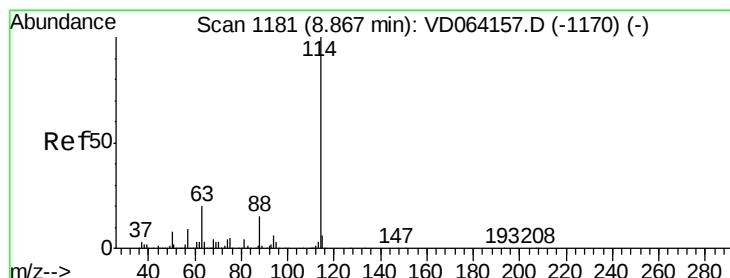
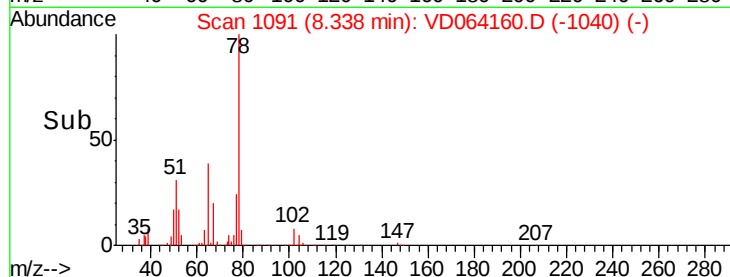
0

Time-->

8.20

8.30

8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

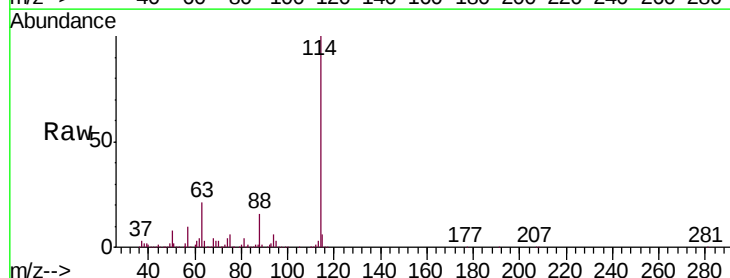
Tgt Ion: 114 Resp: 1358405

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

800000

600000

400000

200000

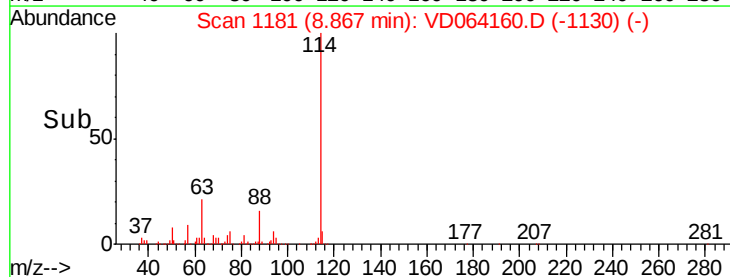
0

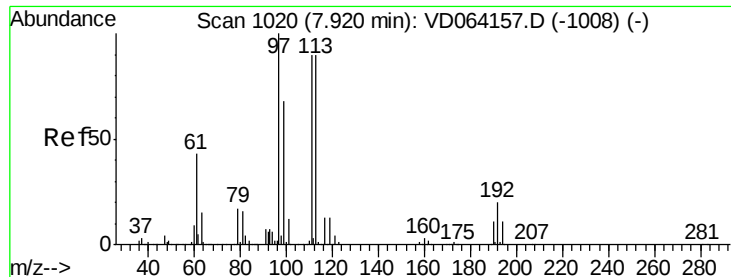
Time-->

8.80

8.90

9.00

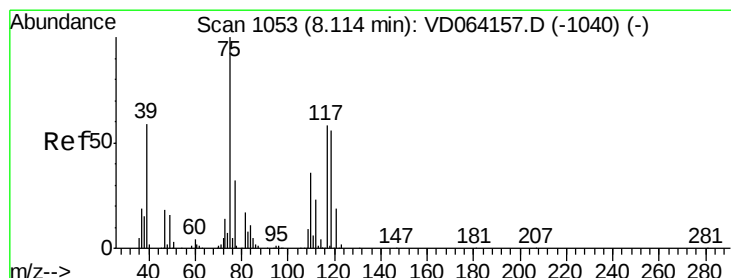
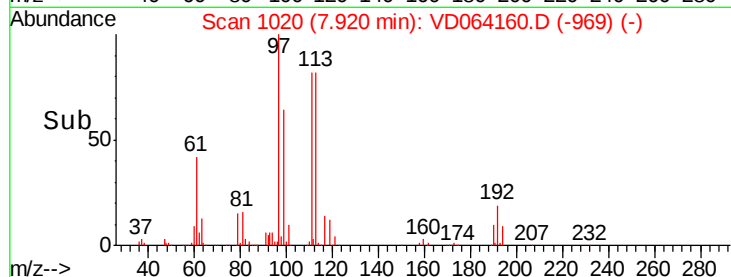
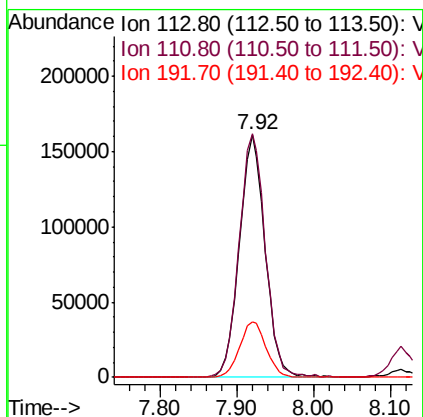
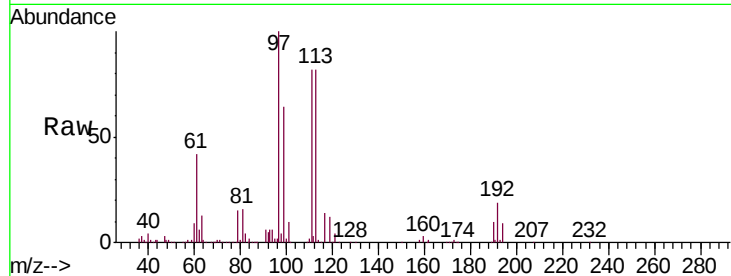




#35
 Dibromofluoromethane
 Concen: 48.426 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

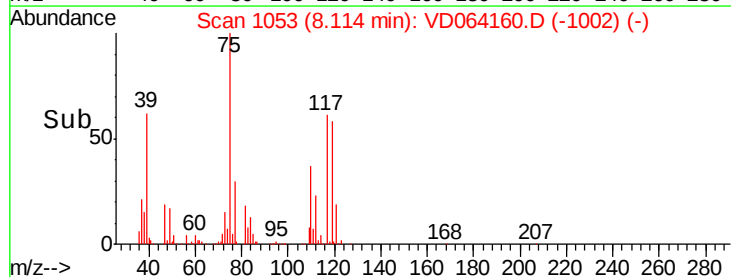
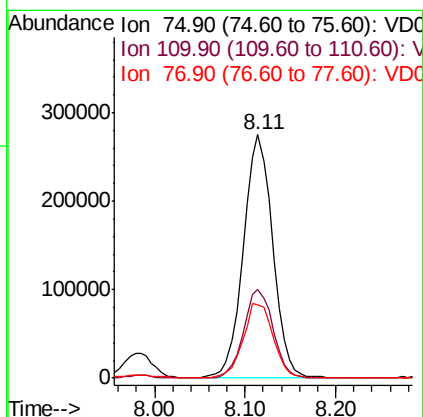
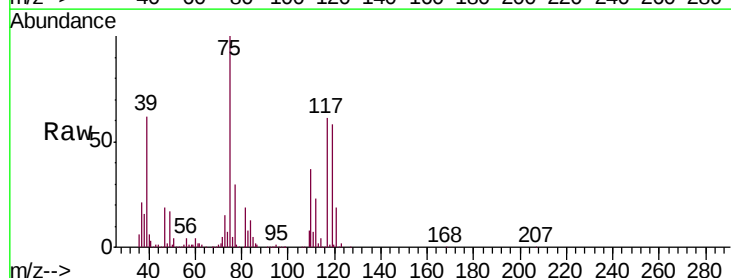
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

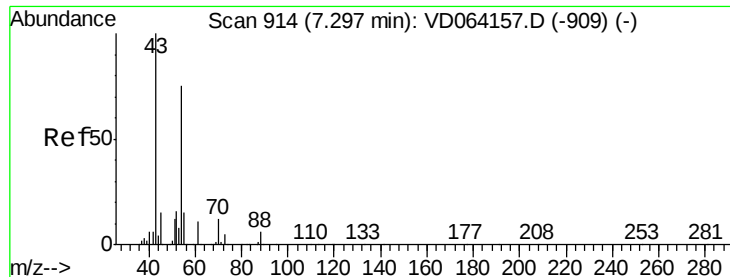
Tgt Ion: 113 Resp: 377601
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.5 122.3
 192 23.6 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 49.083 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion: 75 Resp: 615350
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.3 54.9
 77 31.7 25.0 37.6

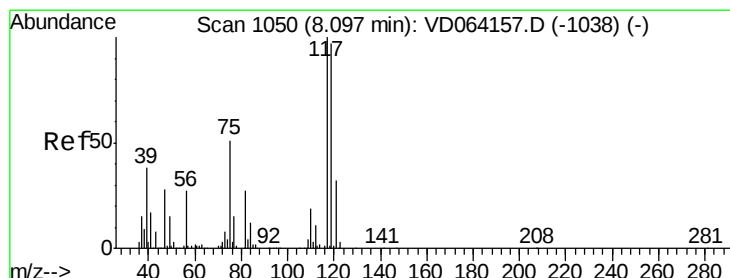
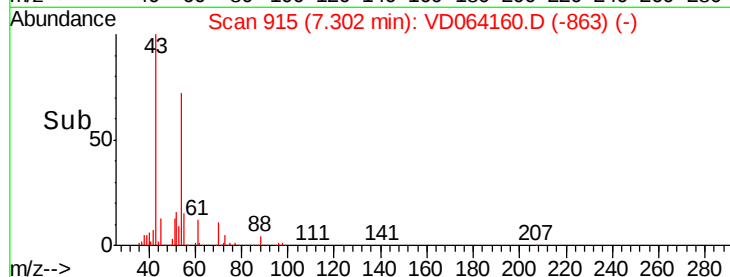
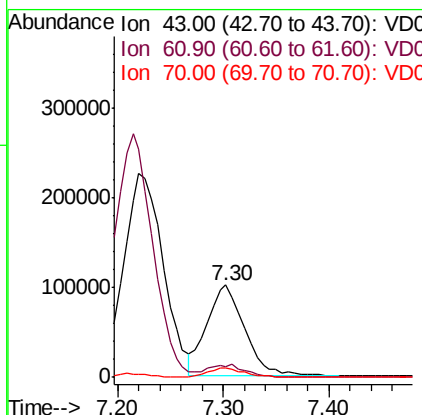
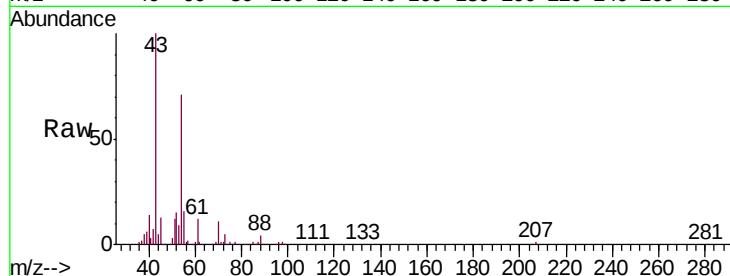




#37
Ethyl Acetate
Concen: 48.044 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

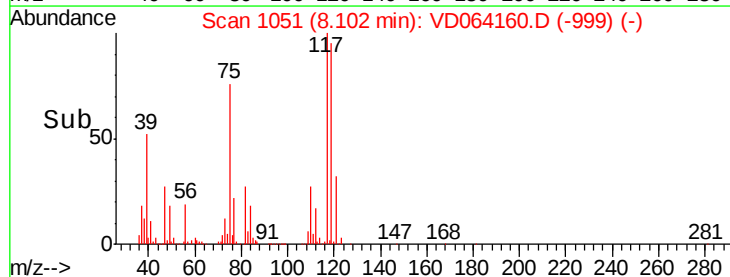
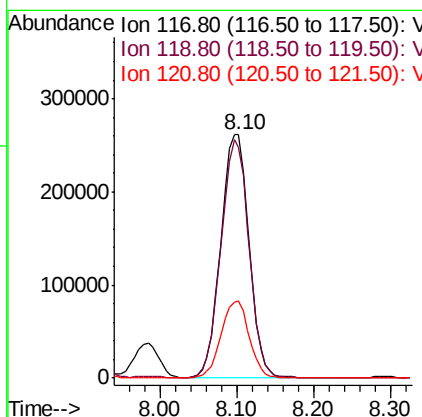
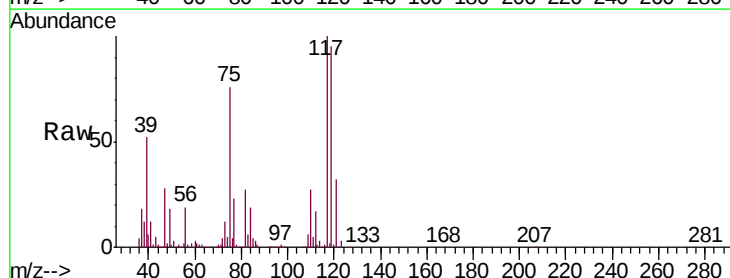
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

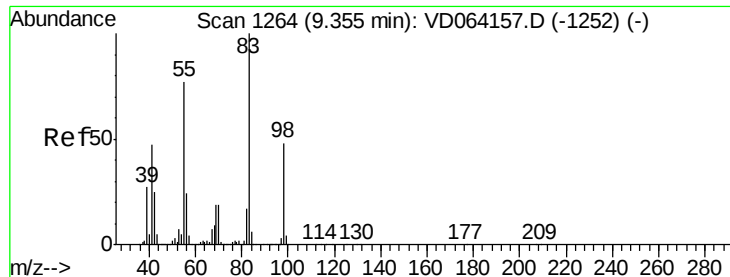
Tgt Ion: 43 Resp: 253923
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.2
70 9.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.749 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 117 Resp: 667370
Ion Ratio Lower Upper
117 100
119 94.8 77.2 115.8
121 31.6 25.5 38.3

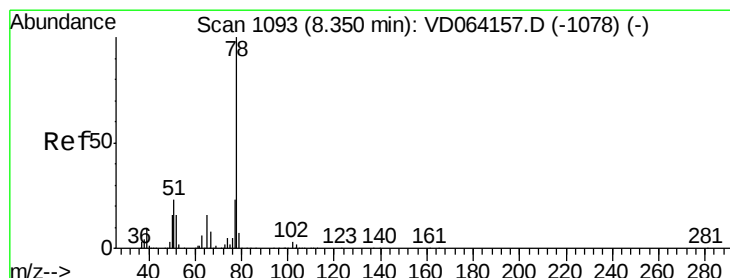
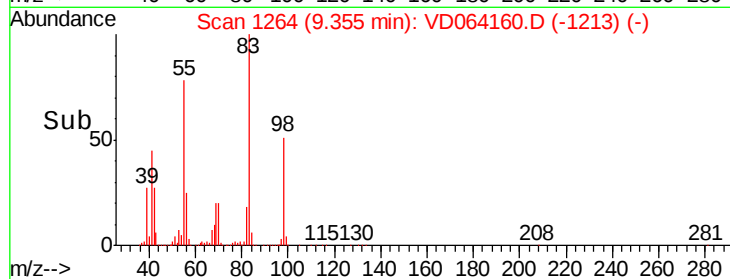
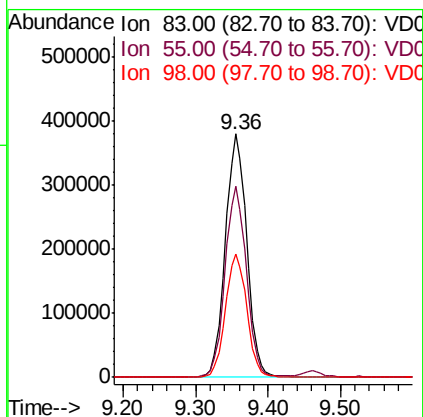
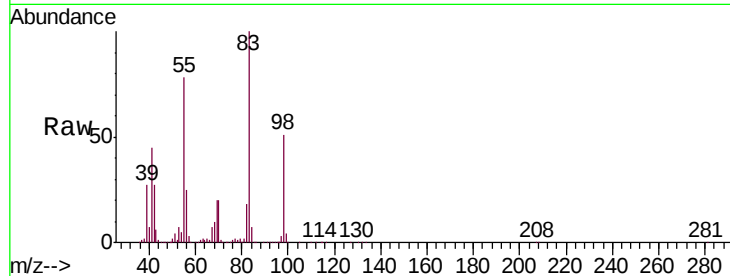




#39
Methylcyclohexane
Concen: 49.387 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

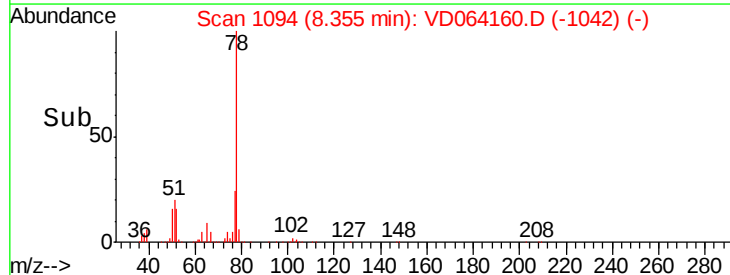
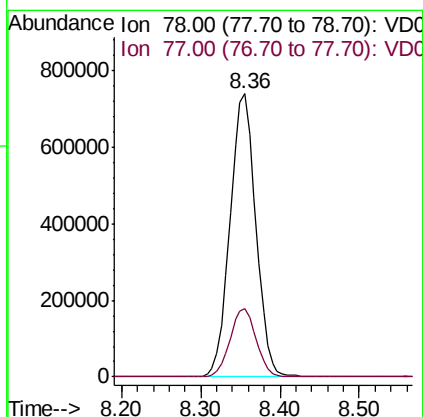
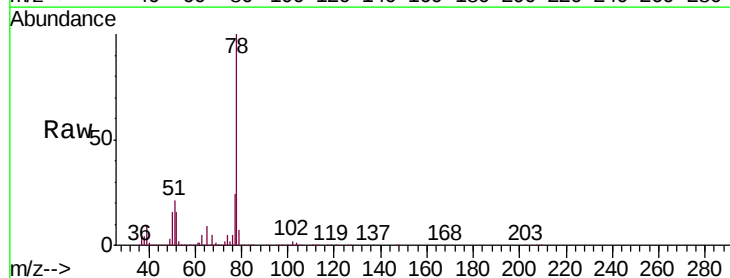
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

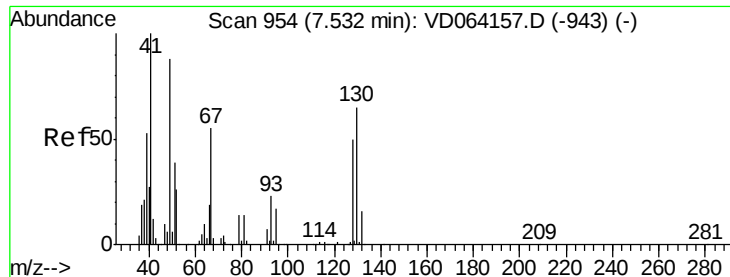
Tgt Ion: 83 Resp: 783461
Ion Ratio Lower Upper
83 100
55 78.2 61.7 92.5
98 50.9 38.6 58.0



#40
Benzene
Concen: 48.671 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 78 Resp: 1667631
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0

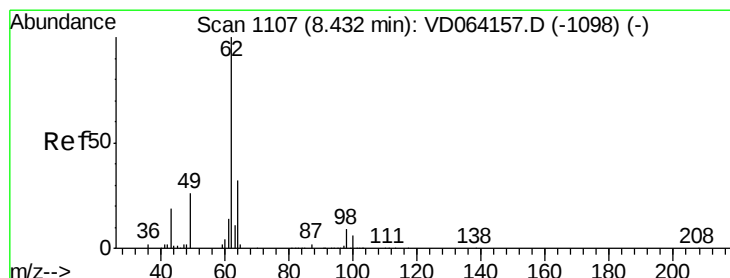
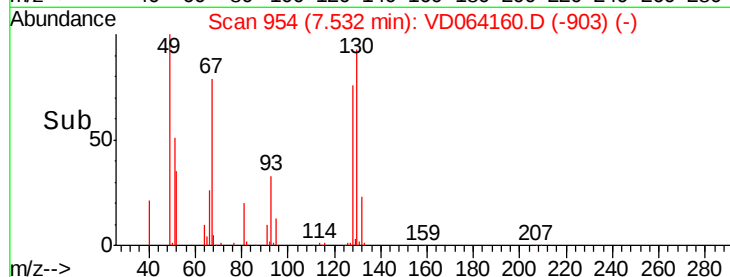
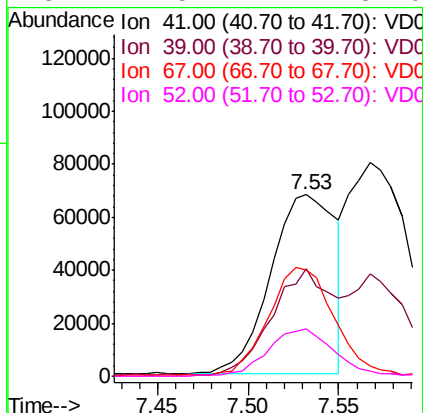
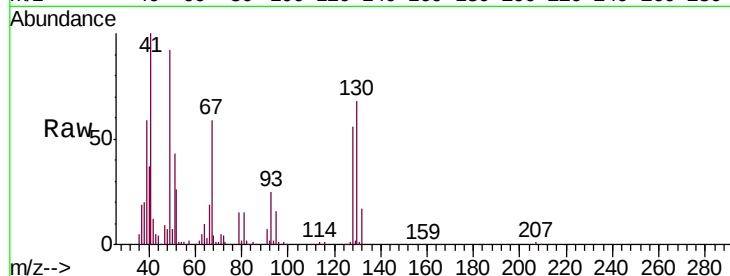




#41
Methacrylonitrile
Concen: 50.804 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

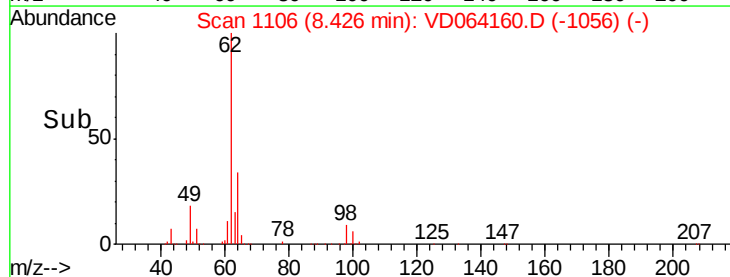
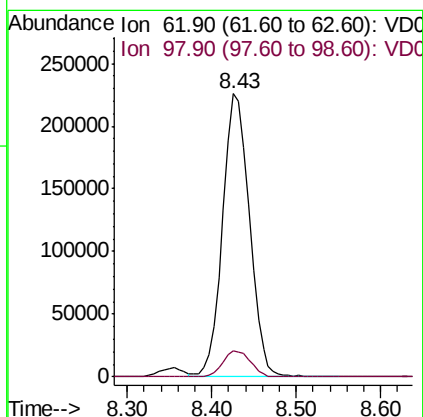
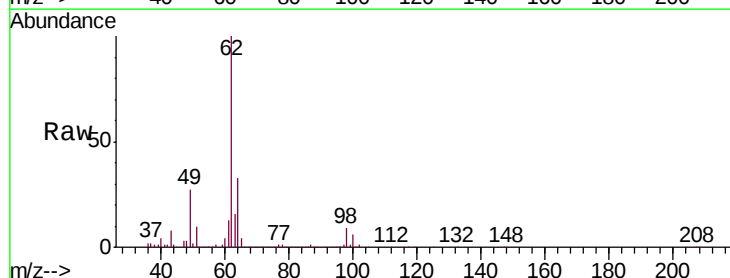
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

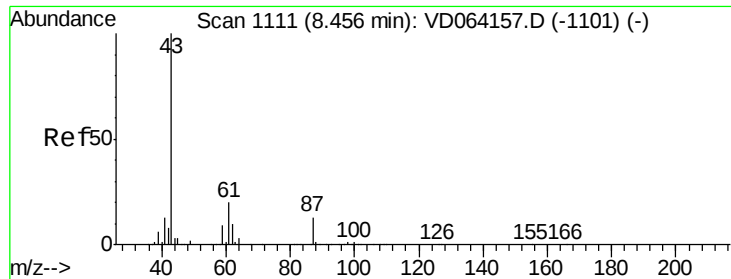
Tgt Ion:	41	Resp:	168766
Ion	Ratio	Lower	Upper
41	100		
39	54.7	49.4	74.2
67	60.9	49.6	74.4
52	27.5	21.4	32.0



#42
1,2-Dichloroethane
Concen: 48.372 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion:	62	Resp:	497781
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





#43

Isopropyl Acetate

Concen: 49.068 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

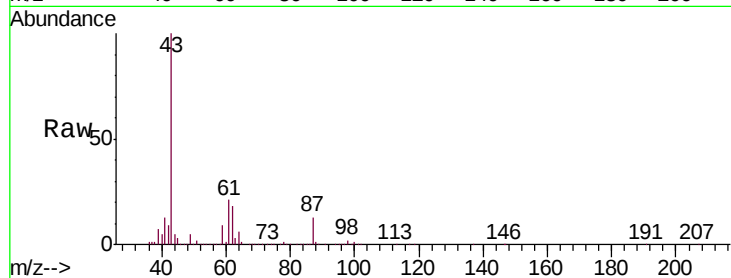
Tgt Ion: 43 Resp: 534336

Ion Ratio Lower Upper

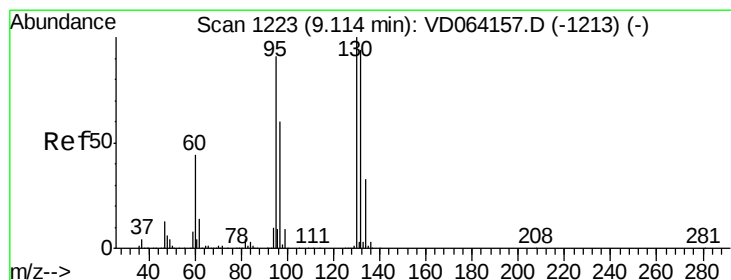
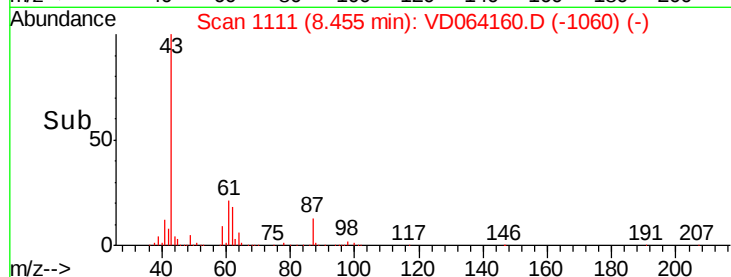
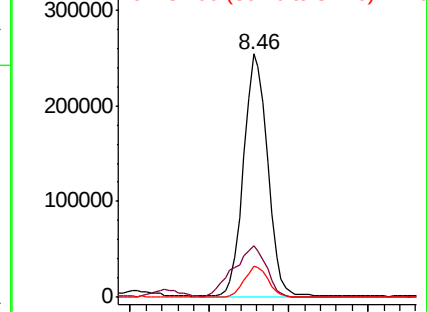
43 100

61 29.2 22.9 34.3

87 12.8 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: 48.872 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064160.D

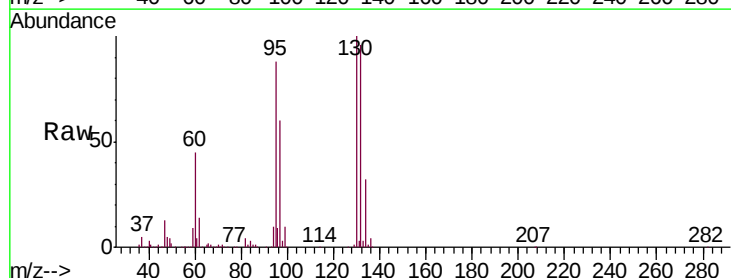
Acq: 08 Nov 2019 16:53

Tgt Ion: 130 Resp: 502584

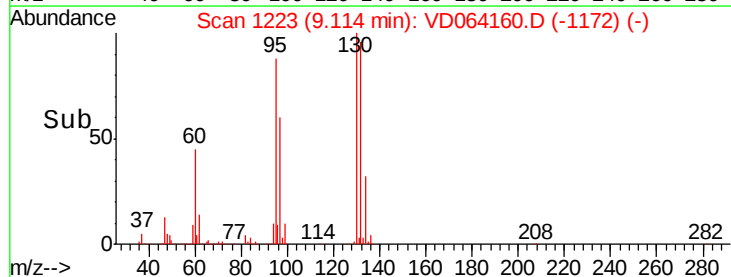
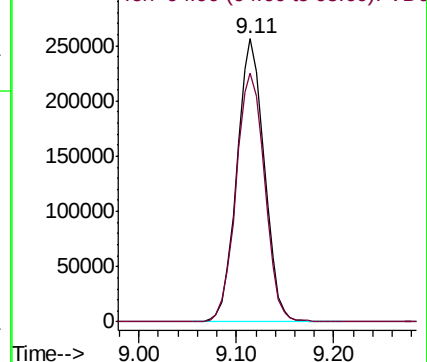
Ion Ratio Lower Upper

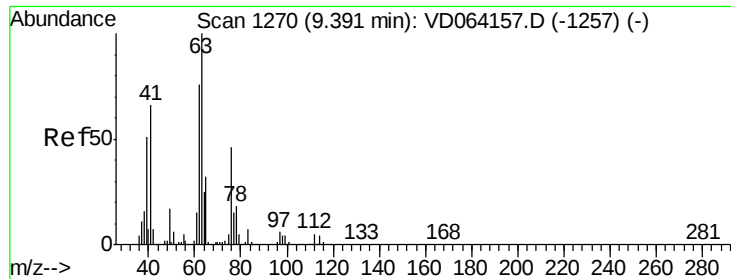
130 100

95 88.0 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: 48.868 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

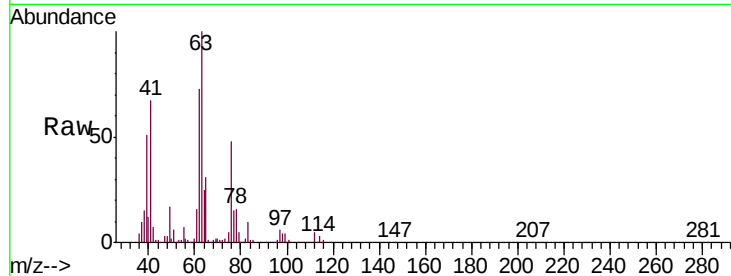
ICVVD110819

Tgt Ion: 63 Resp: 407541

Ion Ratio Lower Upper

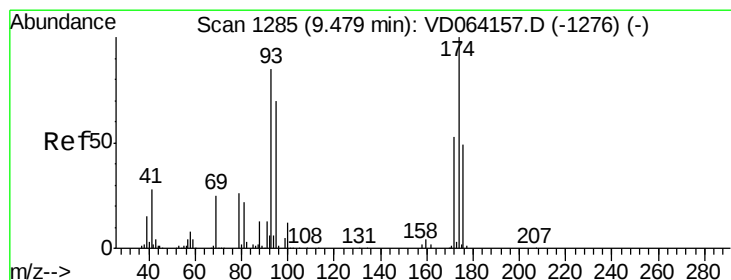
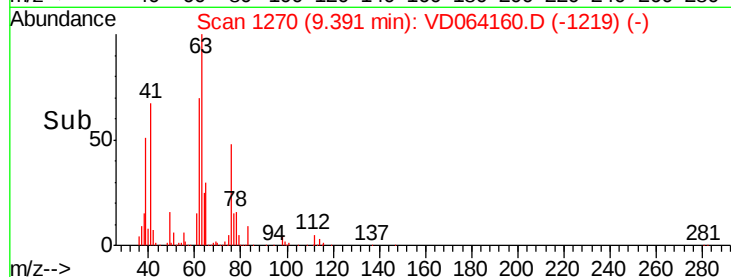
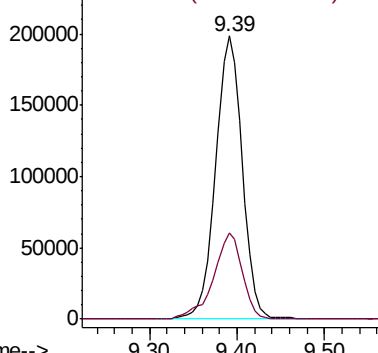
63 100

65 30.5 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: 48.071 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

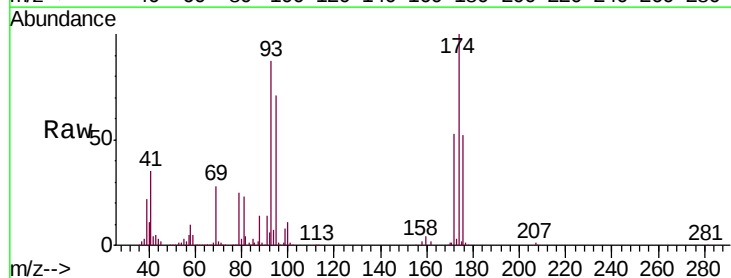
Tgt Ion: 93 Resp: 214622

Ion Ratio Lower Upper

93 100

95 82.3 65.5 98.3

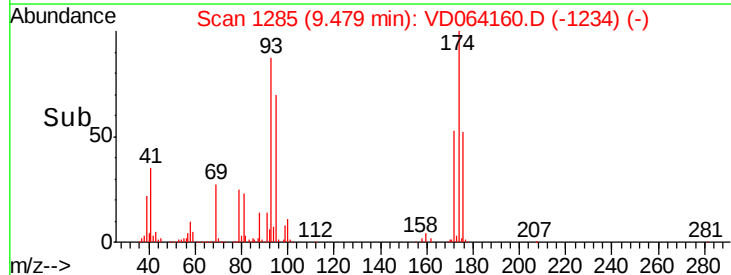
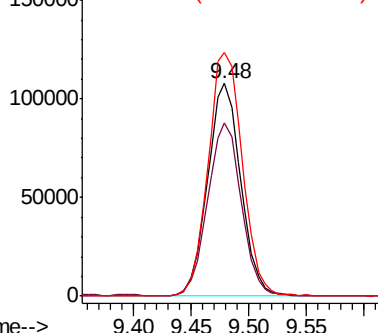
174 118.7 93.9 140.9

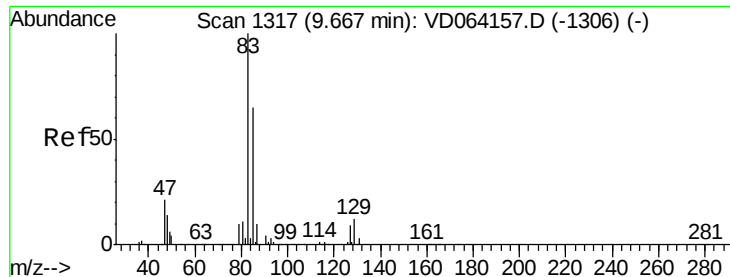


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.735 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

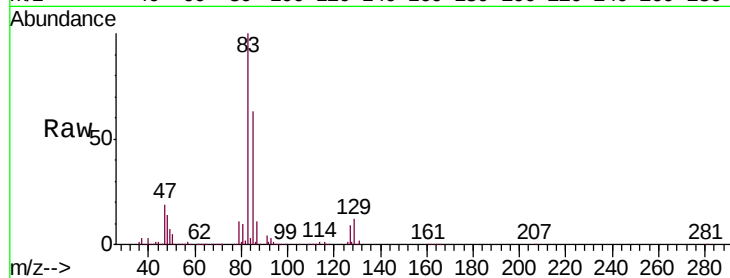
Tgt Ion: 83 Resp: 586095

Ion Ratio Lower Upper

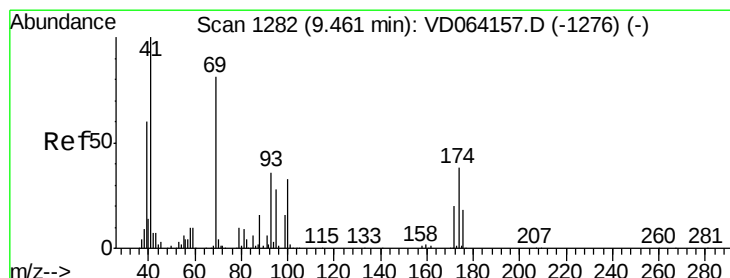
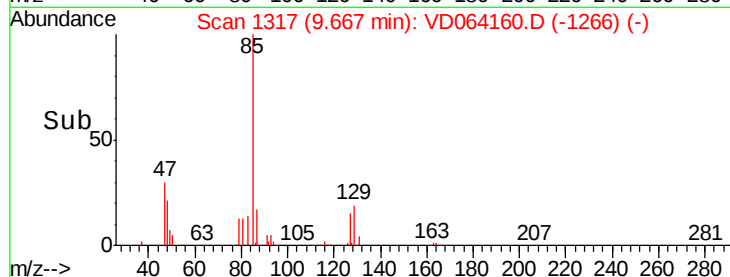
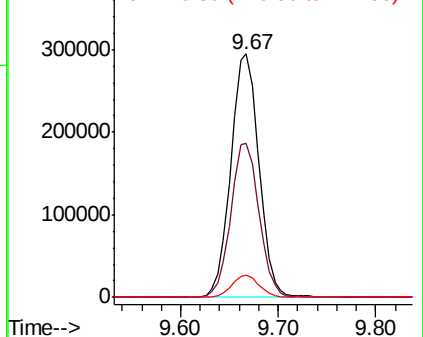
83 100

85 63.3 52.2 78.4

127 9.1 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: 45.440 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

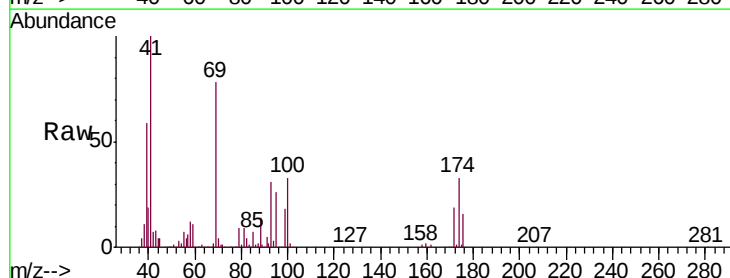
Tgt Ion: 41 Resp: 241962

Ion Ratio Lower Upper

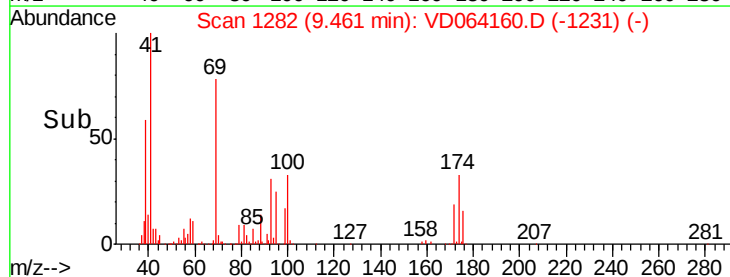
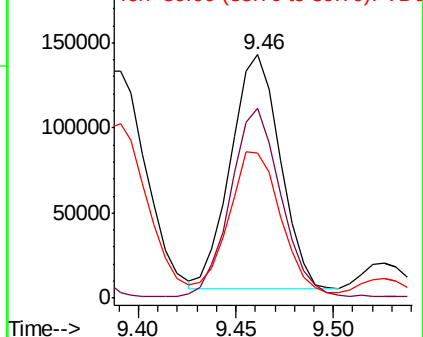
41 100

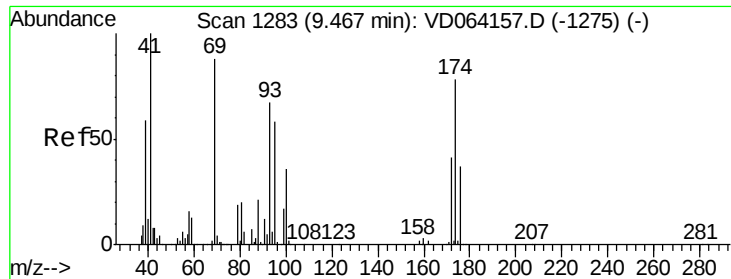
69 83.3 64.6 97.0

39 61.8 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

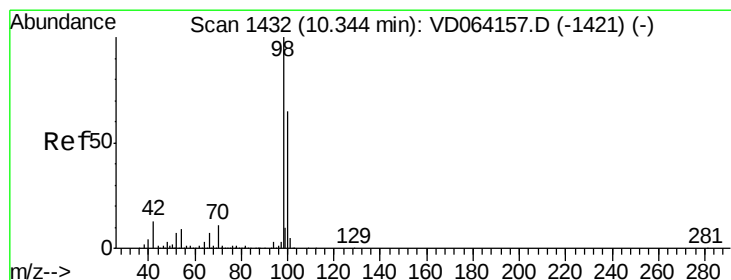
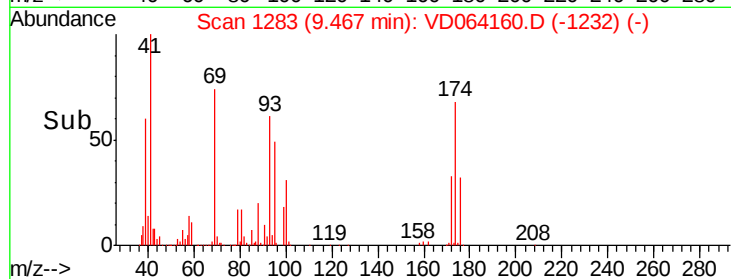
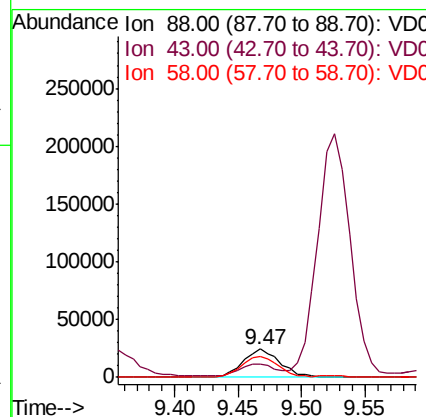
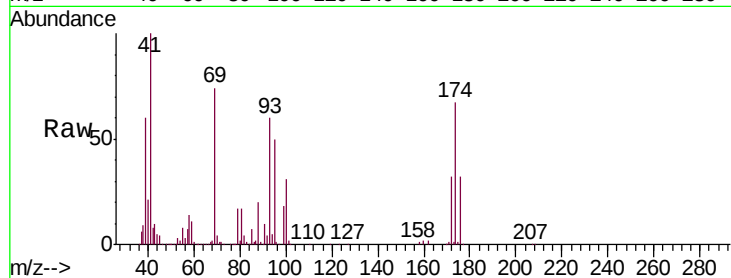




#49
1,4-Dioxane
Concen: 933.759 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

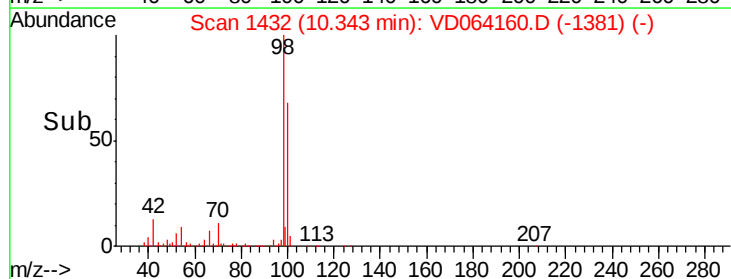
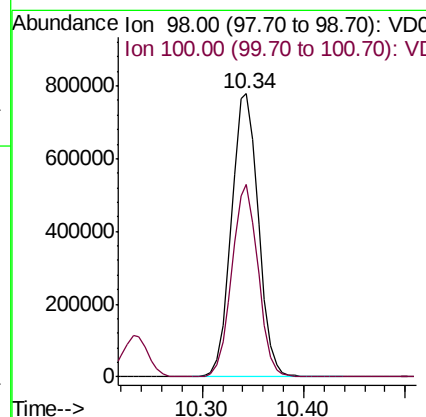
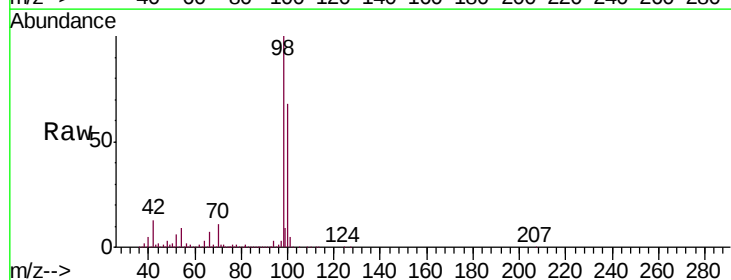
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

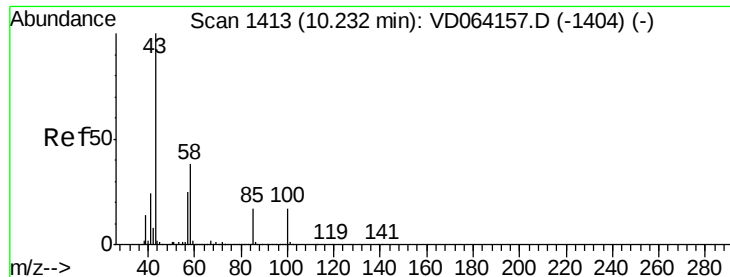
Tgt Ion: 88 Resp: 50069
Ion Ratio Lower Upper
88 100
43 40.1 29.8 44.8
58 73.7 58.1 87.1



#50
Toluene-d8
Concen: 48.795 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 98 Resp: 1435308
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

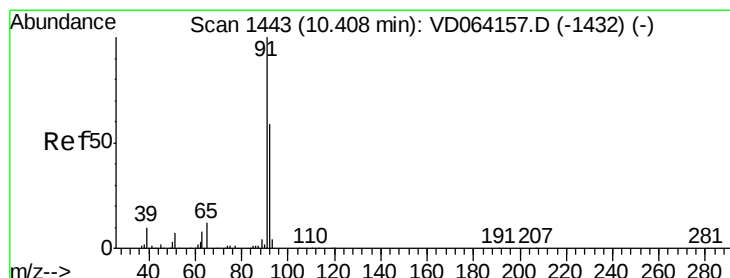
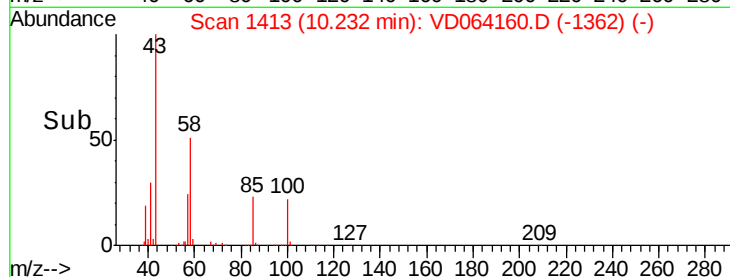
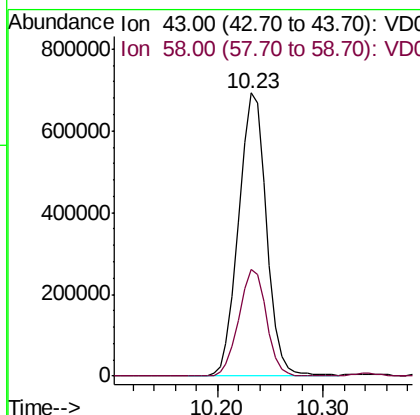
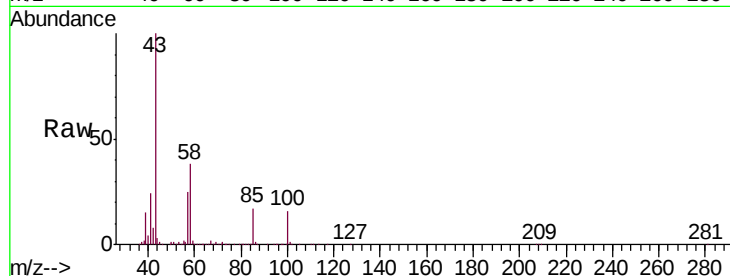




#51
 4-Methyl-2-Pentanone
 Concen: 240.524 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

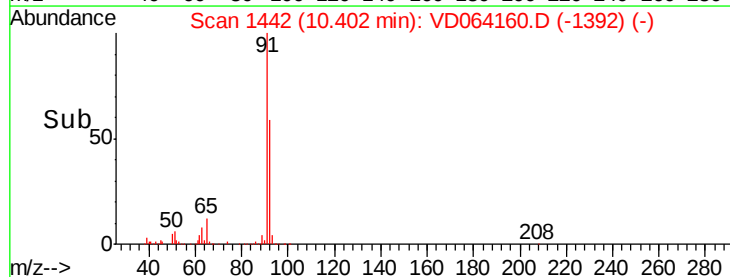
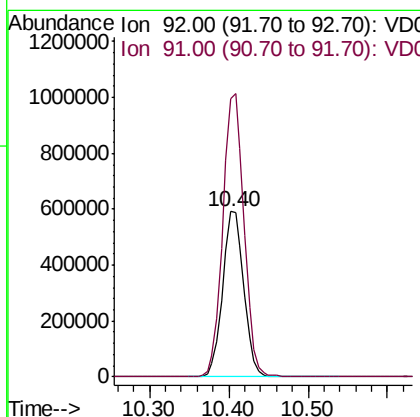
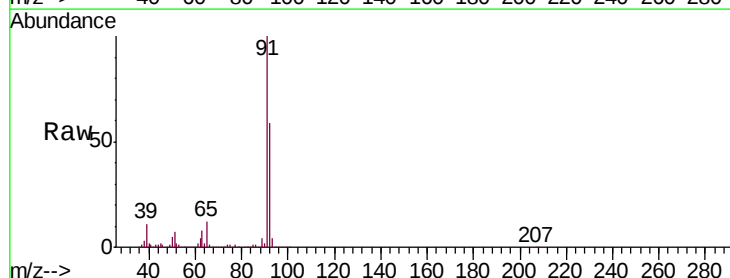
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

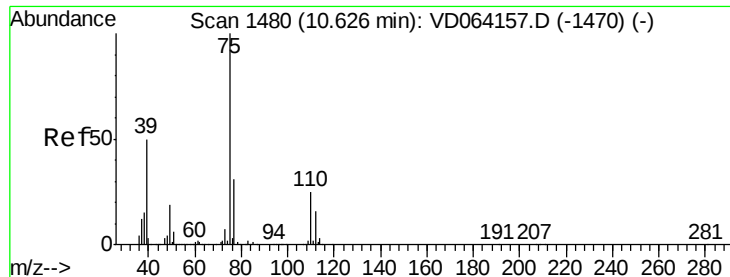
Tgt Ion: 43 Resp: 1256049
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.2 45.4



#52
 Toluene
 Concen: 48.467 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion: 92 Resp: 1091982
 Ion Ratio Lower Upper
 92 100
 91 171.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 49.018 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

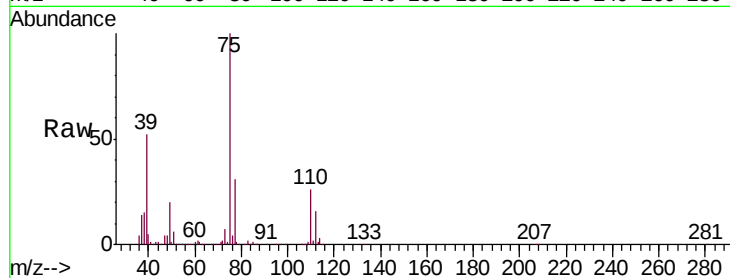
ICVVD110819

Tgt Ion: 75 Resp: 590584

Ion Ratio Lower Upper

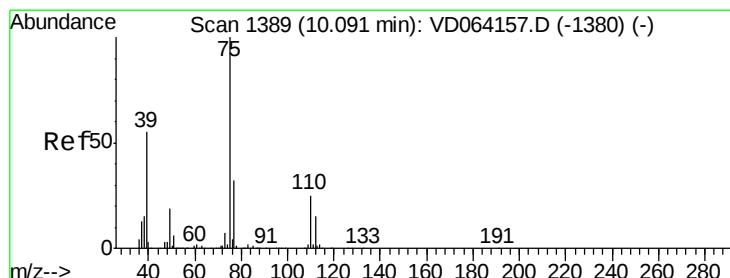
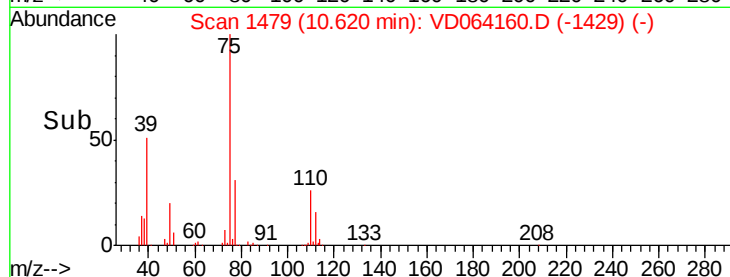
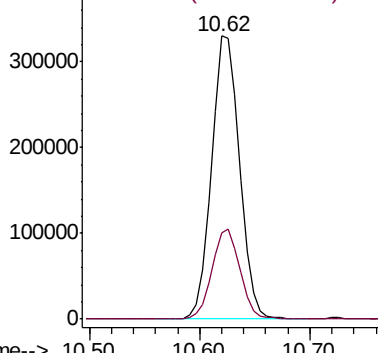
75 100

77 30.6 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 49.100 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

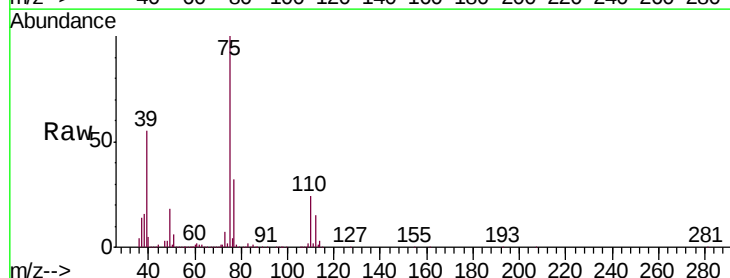
Tgt Ion: 75 Resp: 690323

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

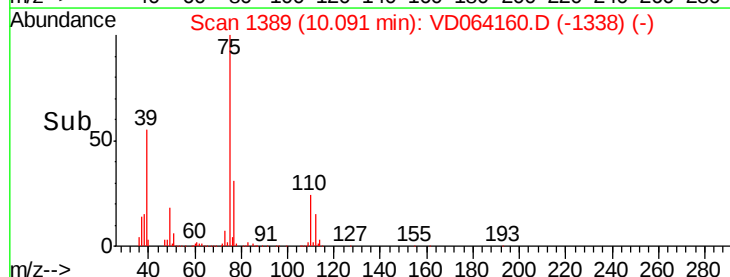
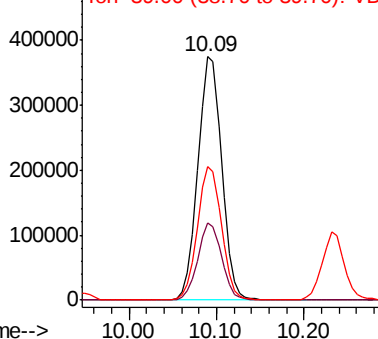
39 54.8 44.2 66.2

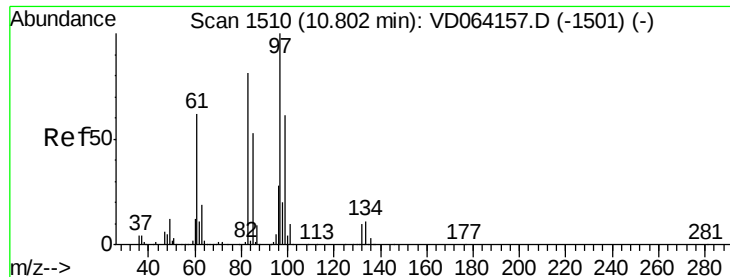


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

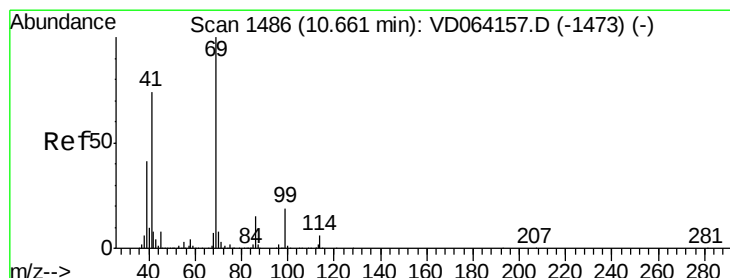
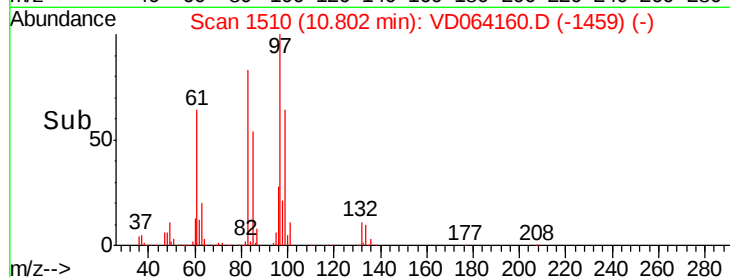
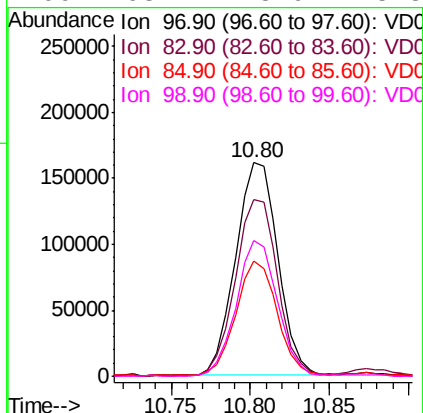
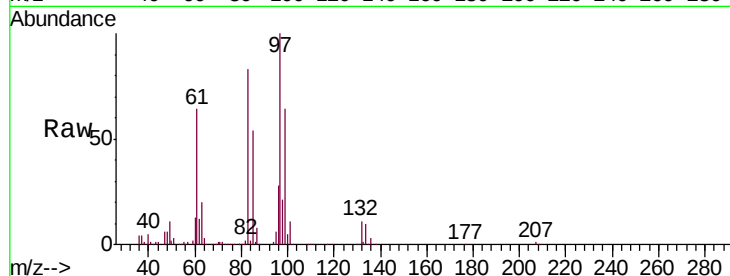




#55
 1,1,2-Trichloroethane
 Concen: 49.495 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

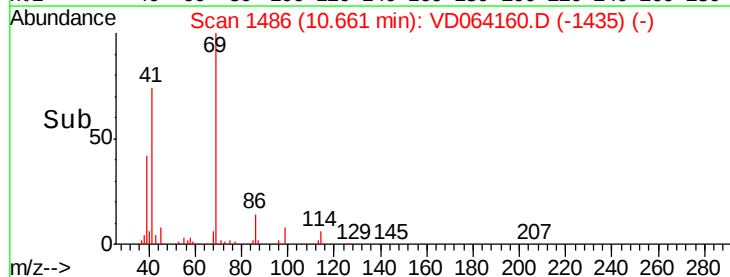
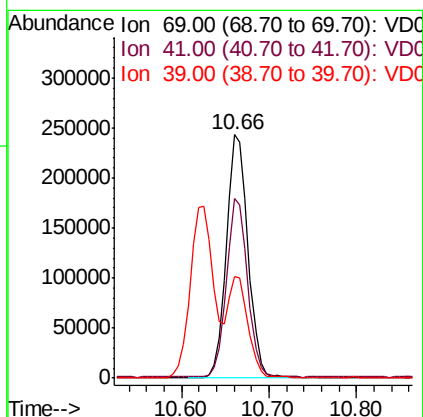
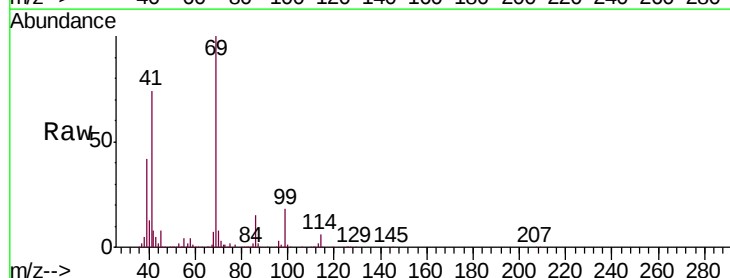
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

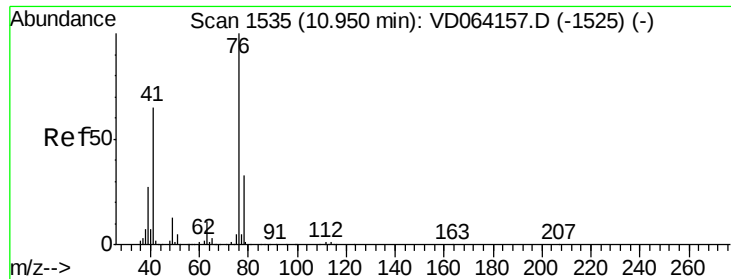
Tgt Ion:	97	Resp:	299774
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.1	97.7
85	53.6	42.0	63.0
99	63.7	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 48.610 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion:	69	Resp:	411847
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.9	86.9
39	35.6	29.0	43.4

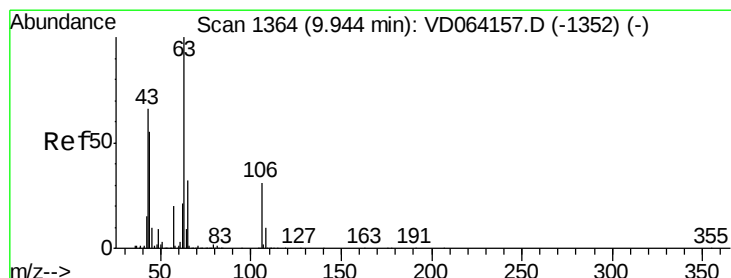
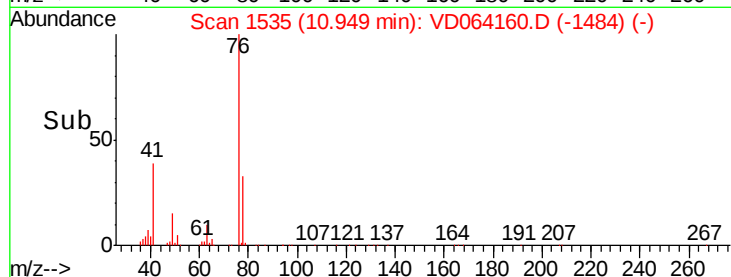
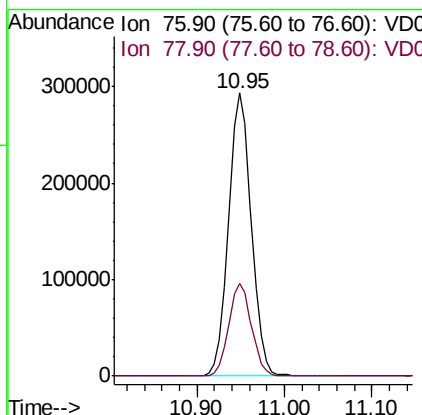
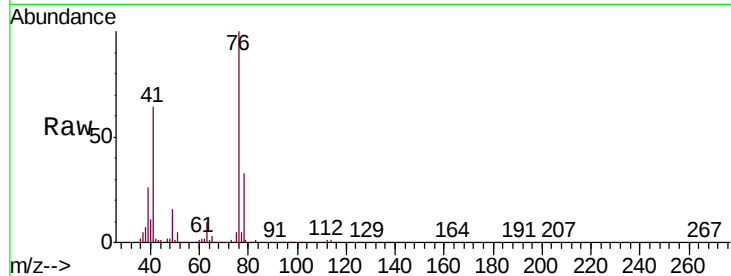




#57
 1,3-Dichloropropane
 Concen: 49.126 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

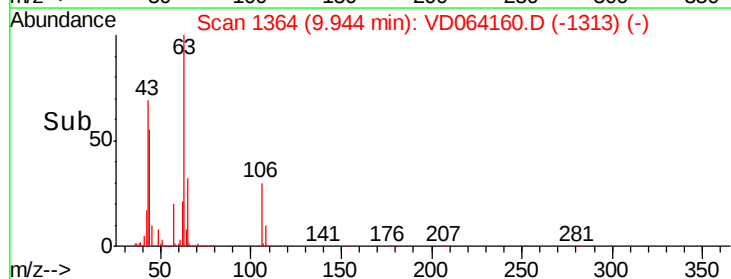
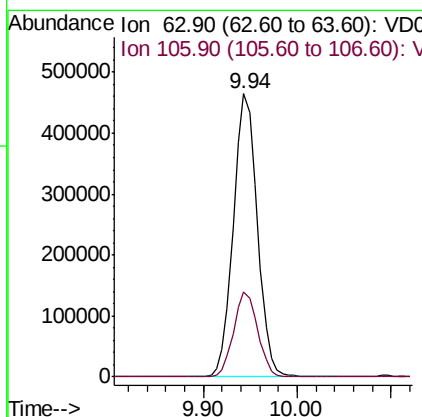
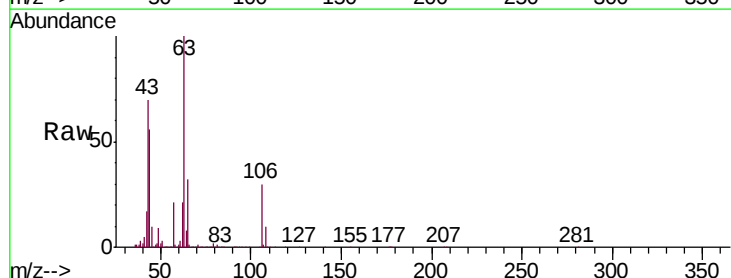
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

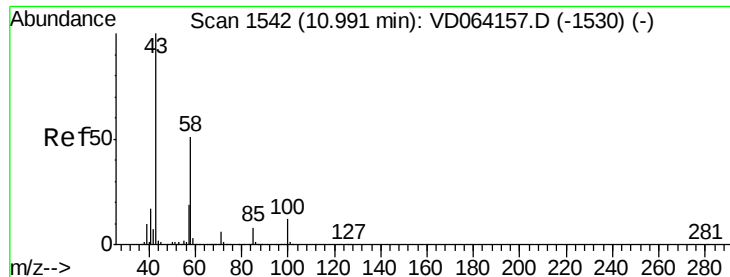
Tgt Ion: 76 Resp: 518918
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.976 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion: 63 Resp: 823597
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.1 36.1

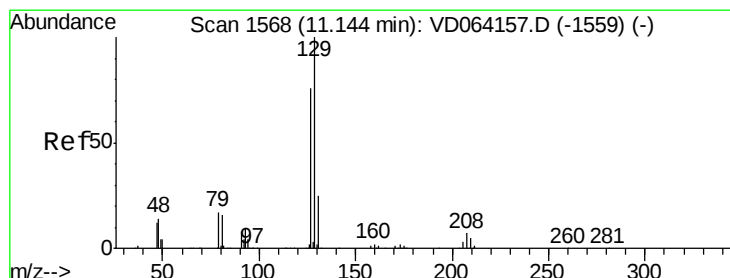
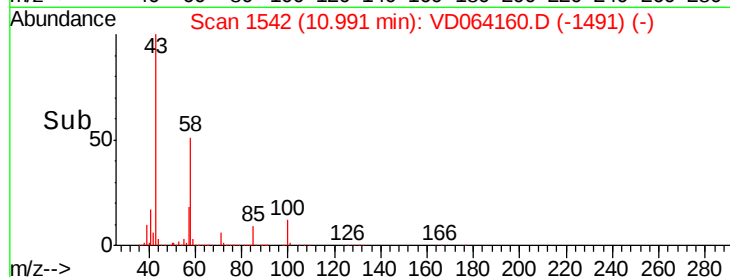
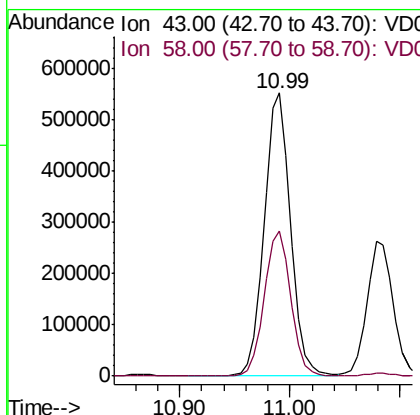
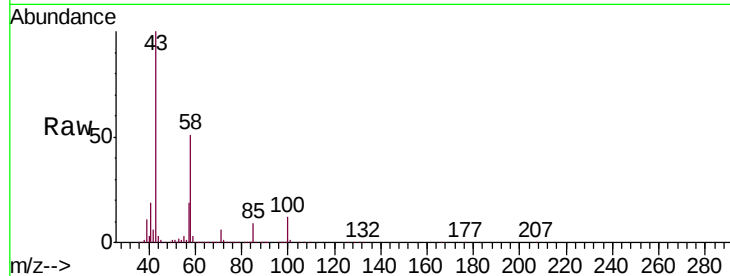




#59
2-Hexanone
Concen: 246.266 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

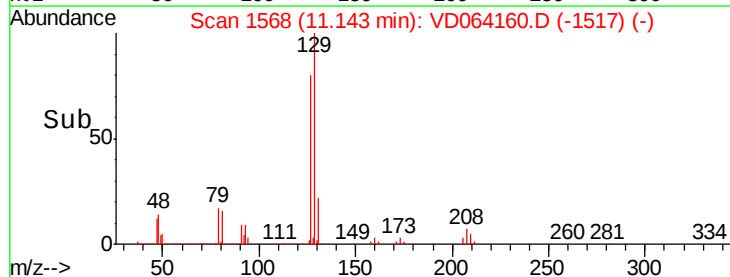
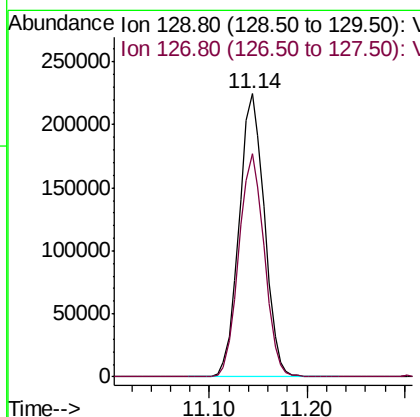
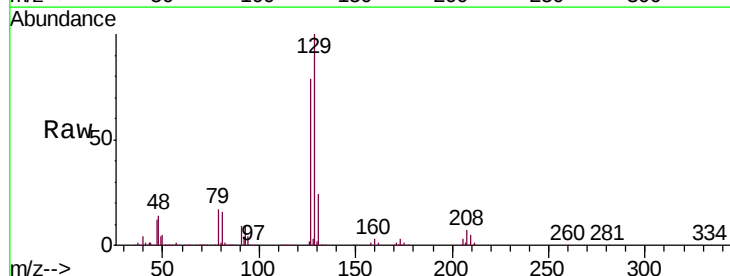
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

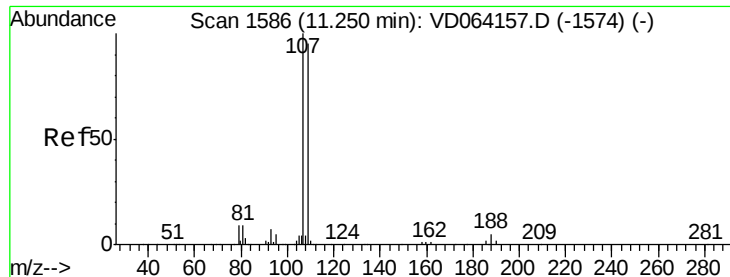
Tgt Ion: 43 Resp: 914940
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.7



#60
Dibromochloromethane
Concen: 47.999 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 129 Resp: 405653
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.8

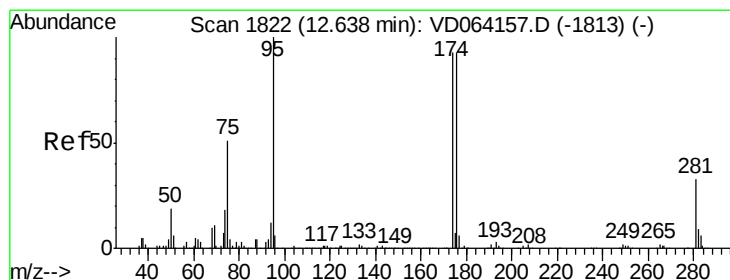
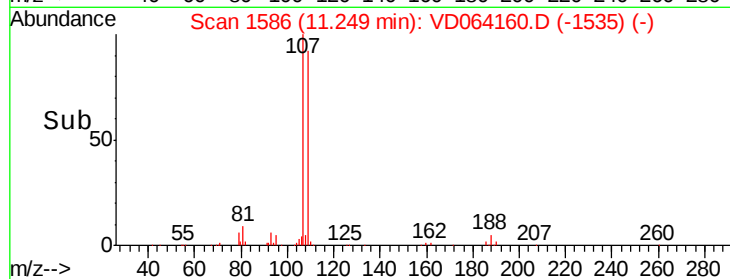
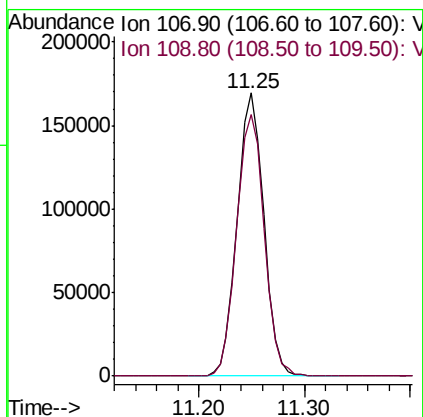
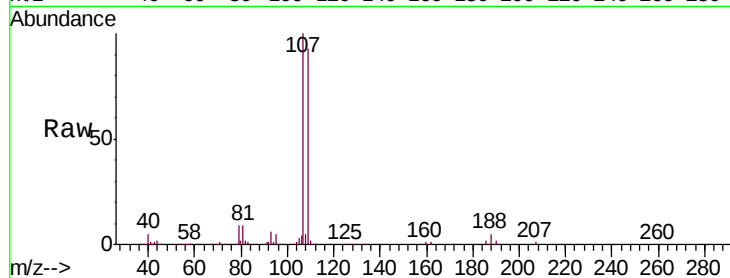




#61
 1,2-Dibromoethane
 Concen: 48.845 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

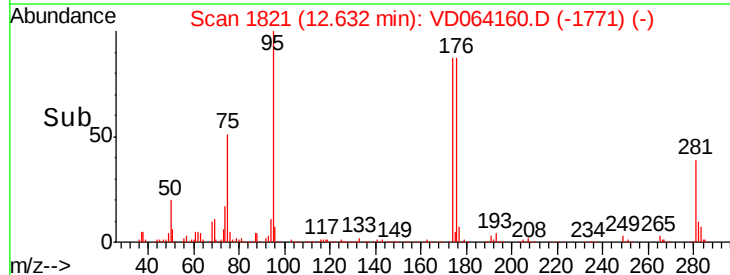
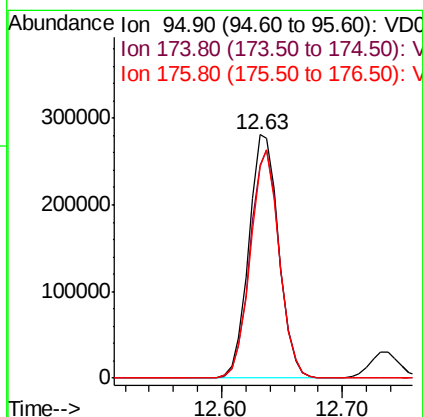
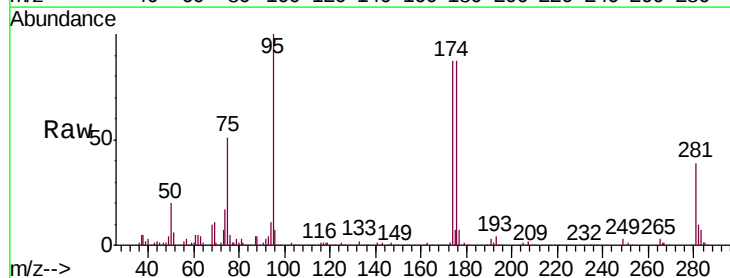
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

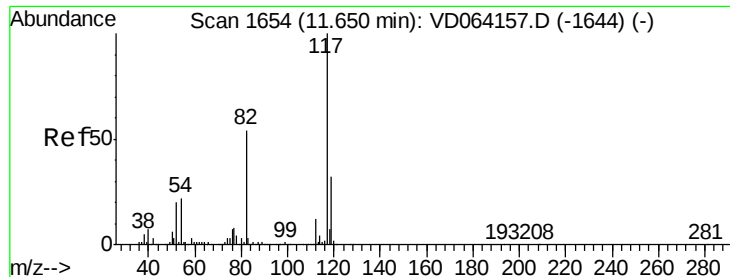
Tgt Ion: 107 Resp: 296312
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.613 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion: 95 Resp: 485020
 Ion Ratio Lower Upper
 95 100
 174 91.7 0.0 183.6
 176 90.0 0.0 180.2

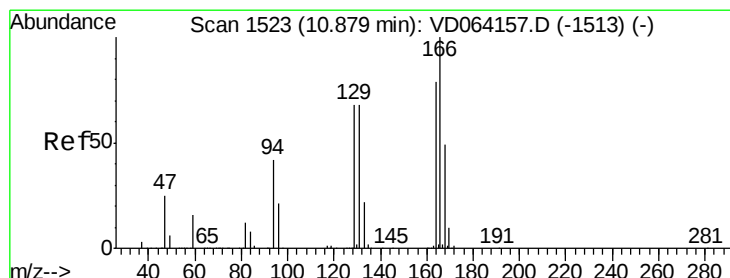
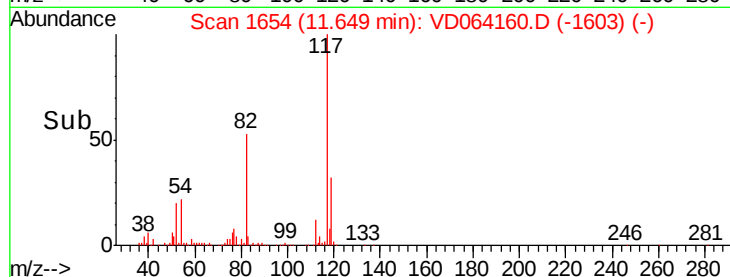
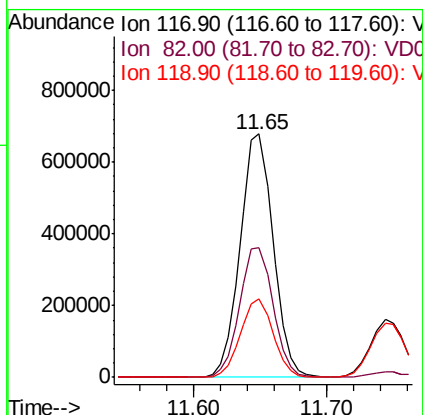
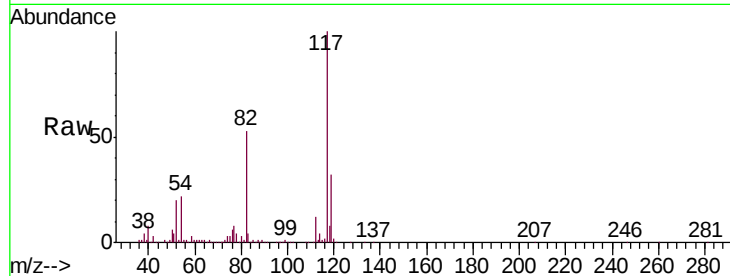




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

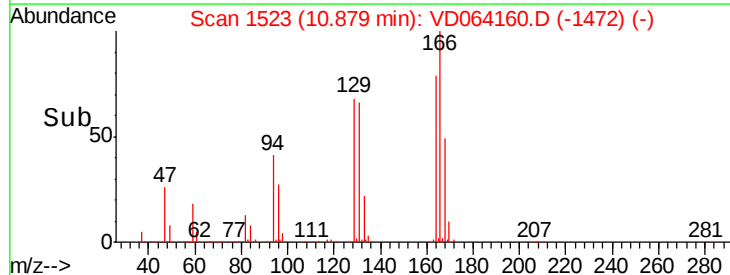
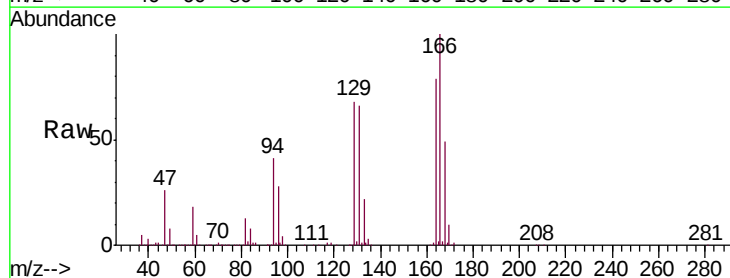
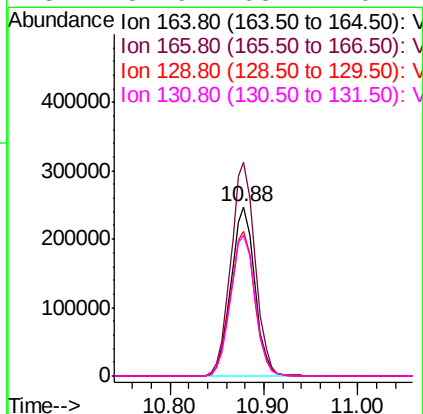
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

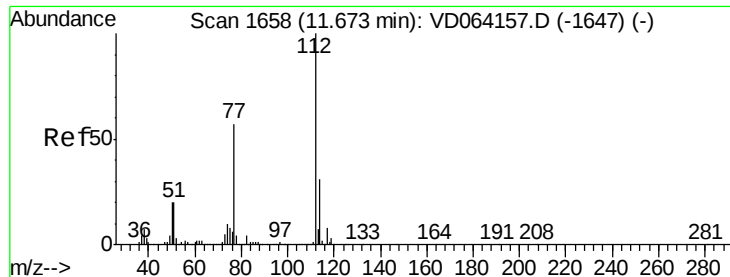
Tgt Ion:117 Resp: 1163513
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 48.583 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion:164 Resp: 434740
Ion Ratio Lower Upper
164 100
166 126.2 100.8 151.2
129 85.8 68.7 103.1
131 82.9 68.1 102.1

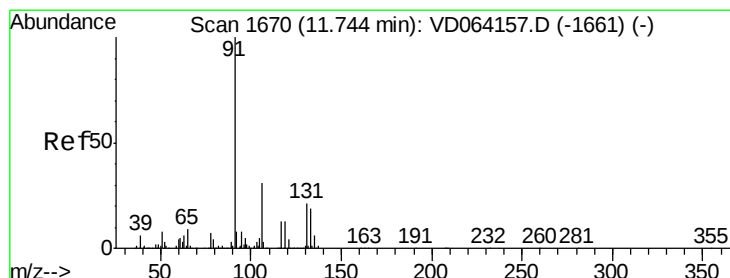
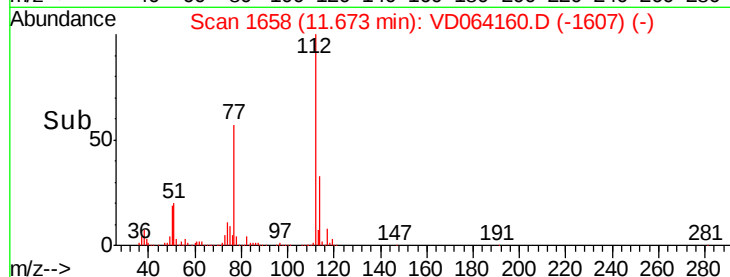
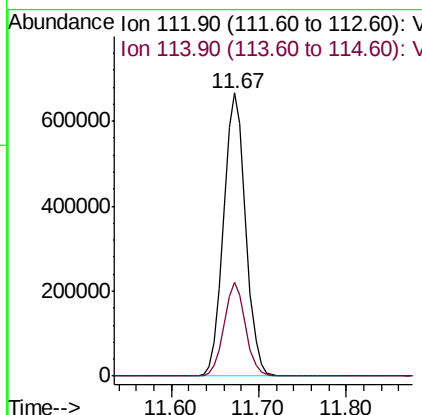
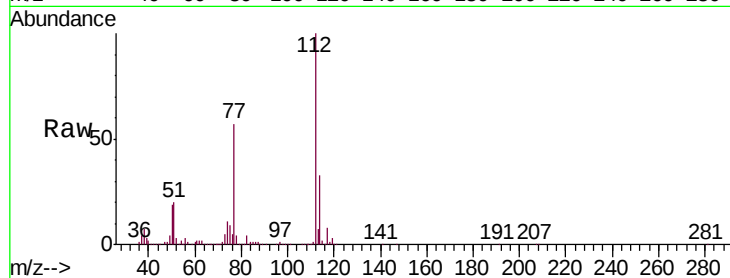




#65
Chlorobenzene
Concen: 48.768 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

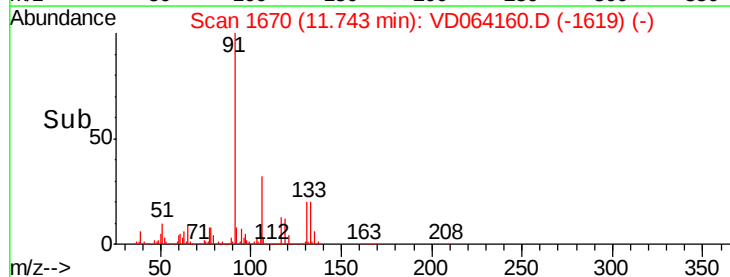
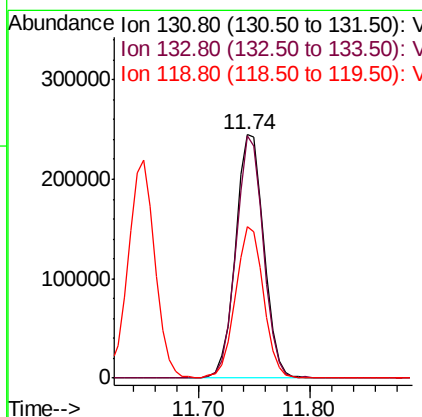
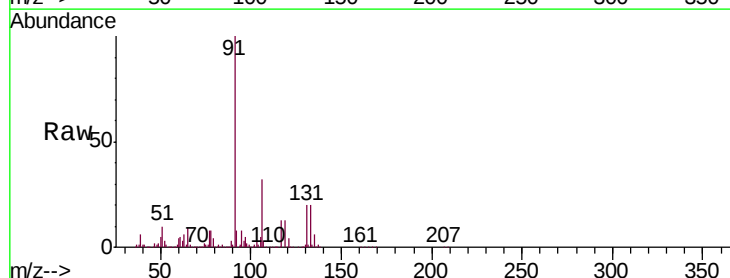
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

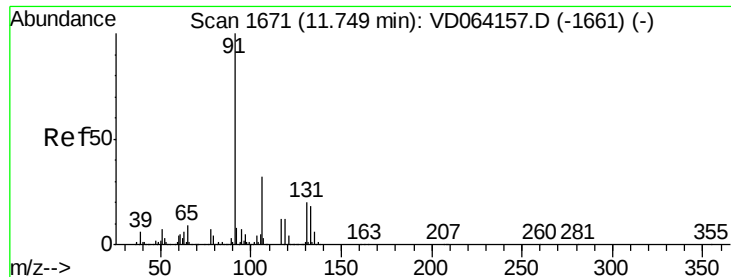
Tgt Ion:112 Resp: 1153868
Ion Ratio Lower Upper
112 100
114 33.1 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.026 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion:131 Resp: 441070
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.9
119 61.8 31.1 93.3





#67

Ethyl Benzene

Concen: 49.188 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

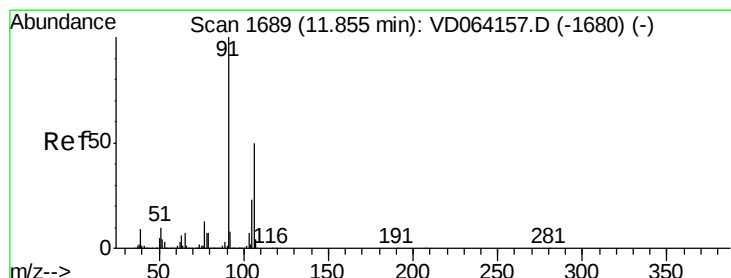
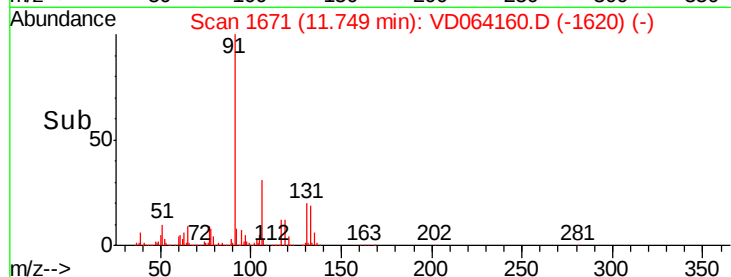
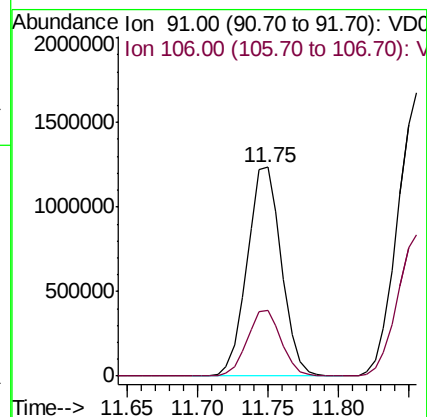
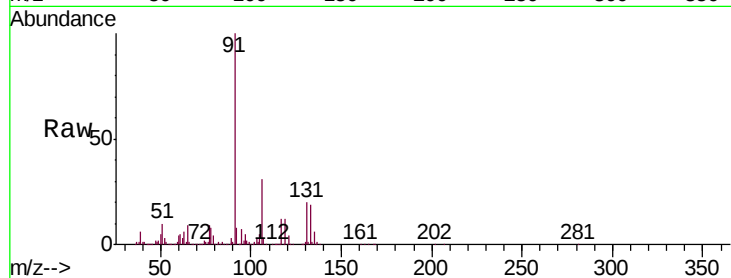
ICVVD110819

Tgt Ion: 91 Resp: 2105099

Ion Ratio Lower Upper

91 100

106 31.3 25.5 38.3



#68

m/p-Xylenes

Concen: 98.294 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064160.D

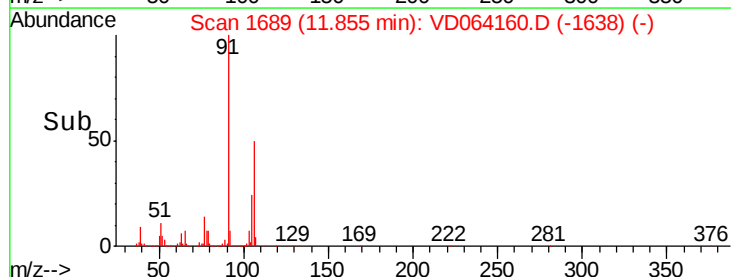
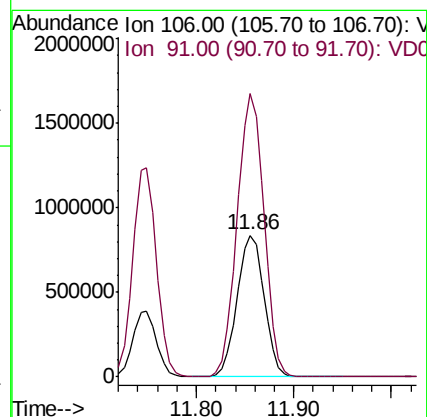
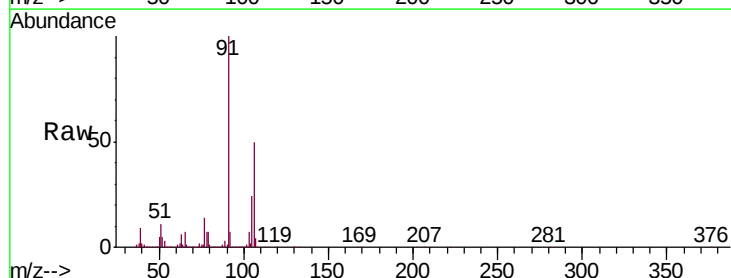
Acq: 08 Nov 2019 16:53

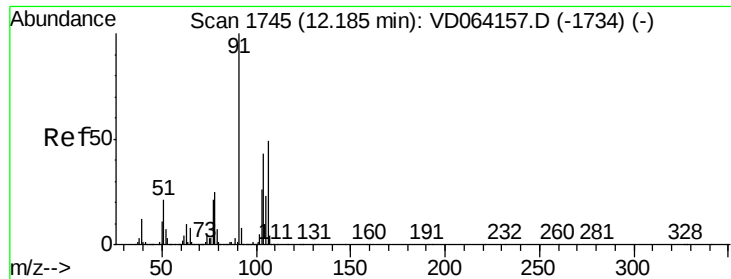
Tgt Ion: 106 Resp: 1612437

Ion Ratio Lower Upper

106 100

91 199.1 160.3 240.5

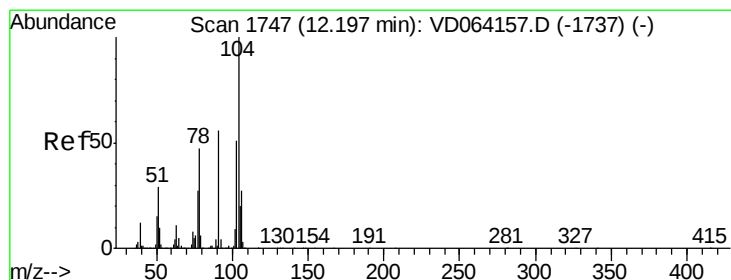
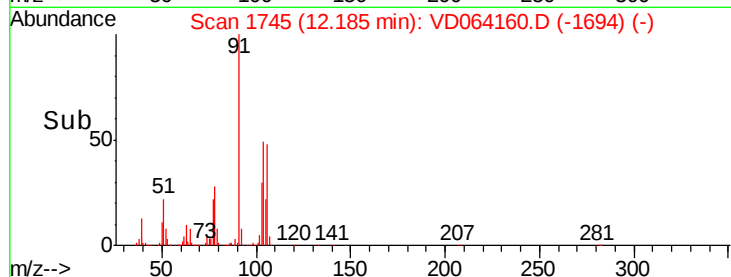
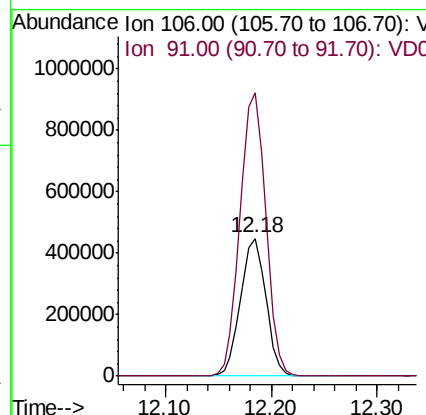
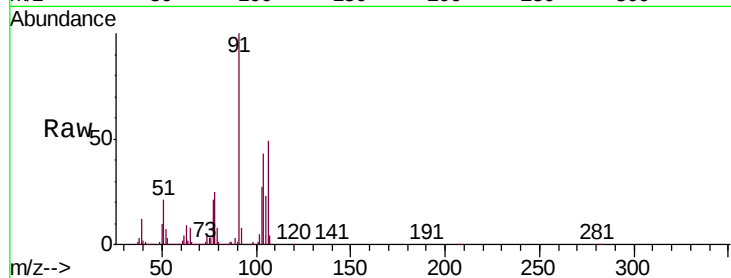




#69
o-Xylene
Concen: 48.962 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

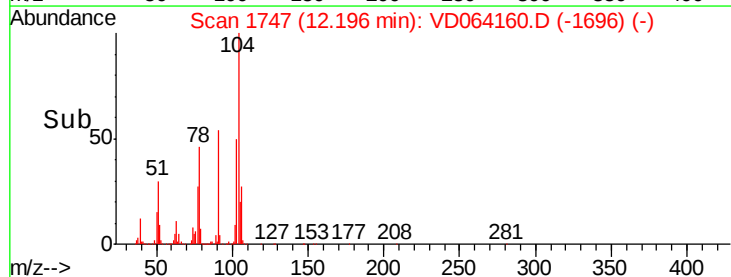
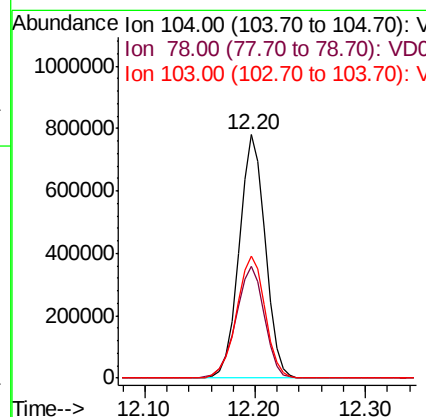
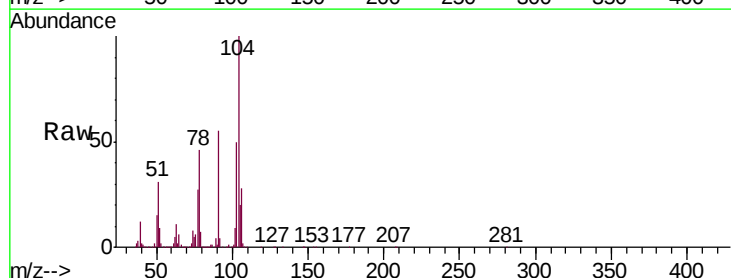
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

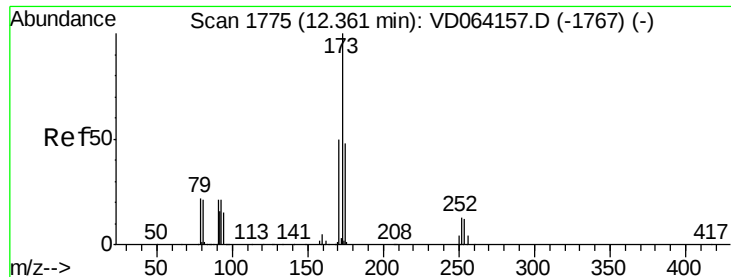
Tgt Ion:106 Resp: 744909
Ion Ratio Lower Upper
106 100
91 209.1 105.1 315.3



#70
Styrene
Concen: 48.630 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion:104 Resp: 1291472
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 54.7 43.4 65.0





#71

Bromoform

Concen: 49.315 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

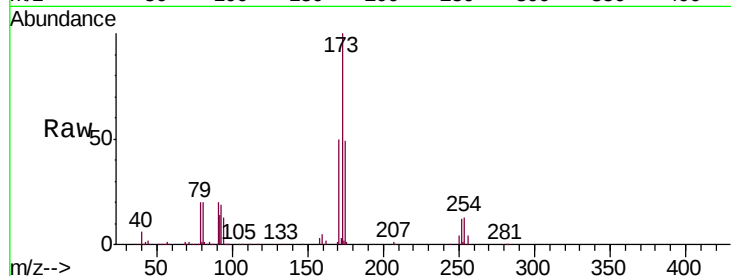
Tgt Ion:173 Resp: 252490

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

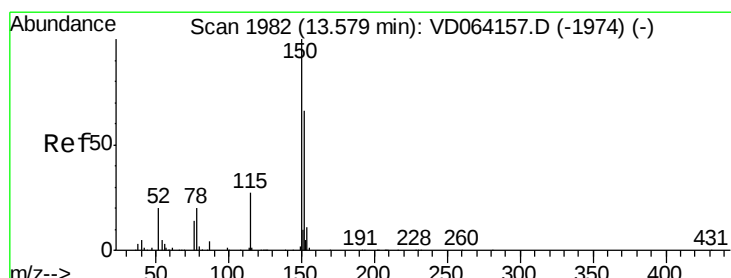
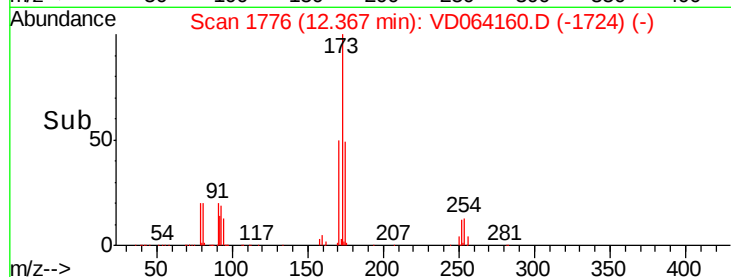
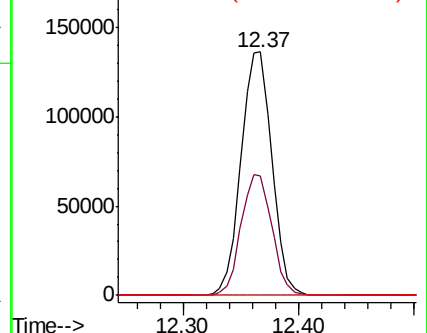
254 0.1 0.2 0.2#



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: VD064160.D

Acq: 08 Nov 2019 16:53

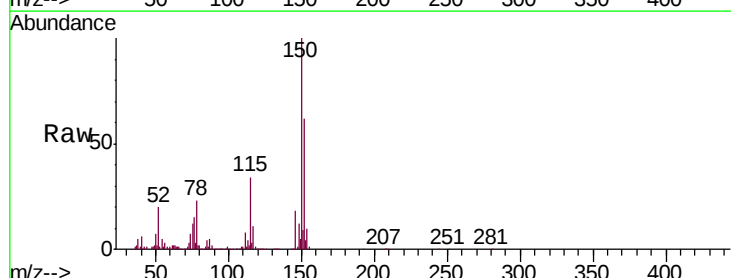
Tgt Ion:152 Resp: 576008

Ion Ratio Lower Upper

152 100

115 56.1 27.4 82.2

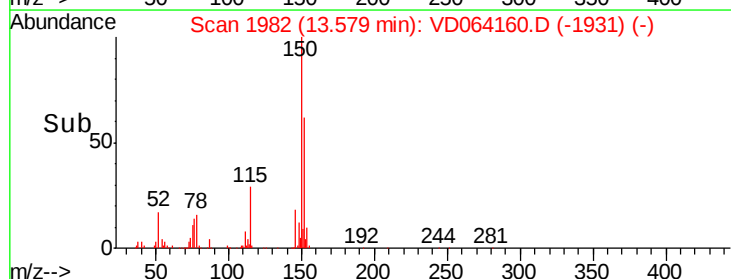
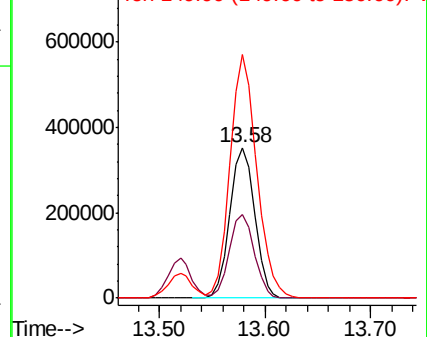
150 172.6 0.0 351.6

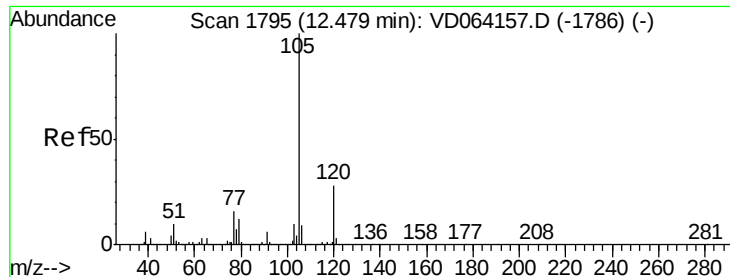


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.890 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

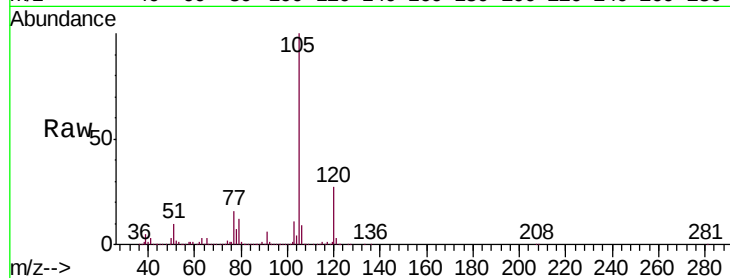
ICVVD110819

Tgt Ion:105 Resp: 2024717

Ion Ratio Lower Upper

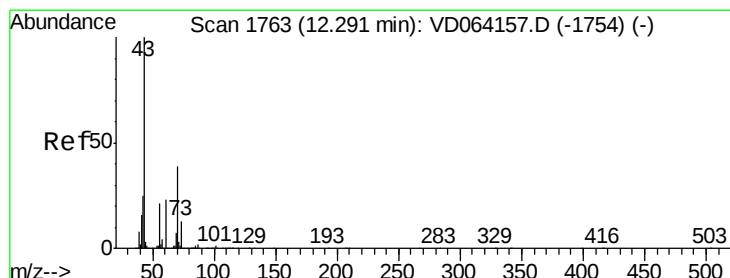
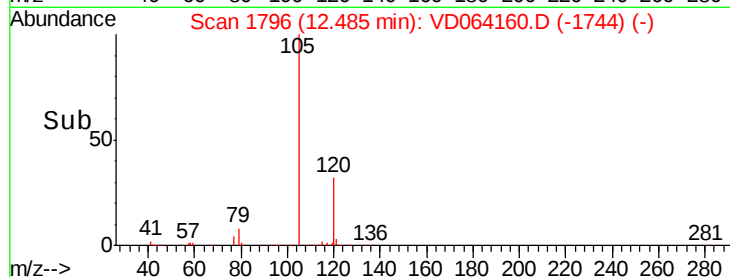
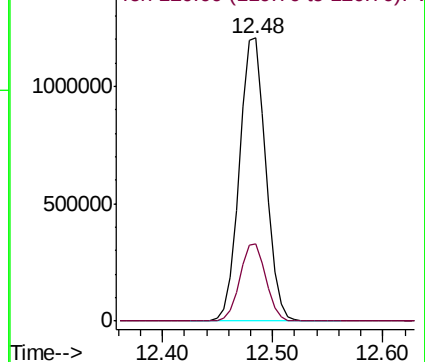
105 100

120 27.1 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: 47.558 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Tgt Ion: 43 Resp: 474816

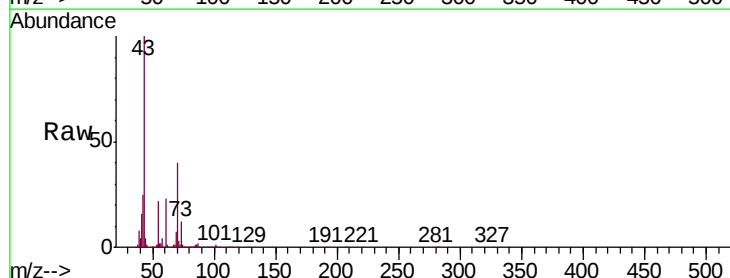
Ion Ratio Lower Upper

43 100

70 40.4 32.4 48.6

55 21.7 17.9 26.9

61 23.5 19.0 28.4

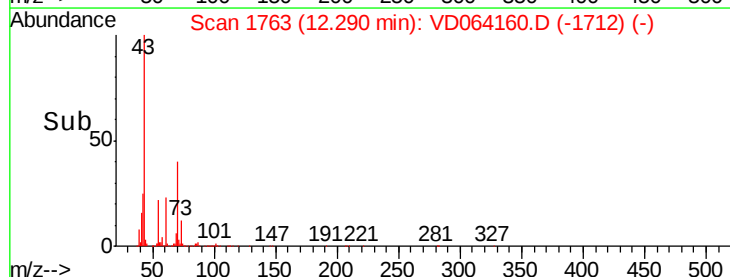
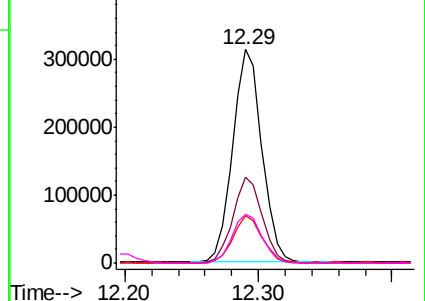


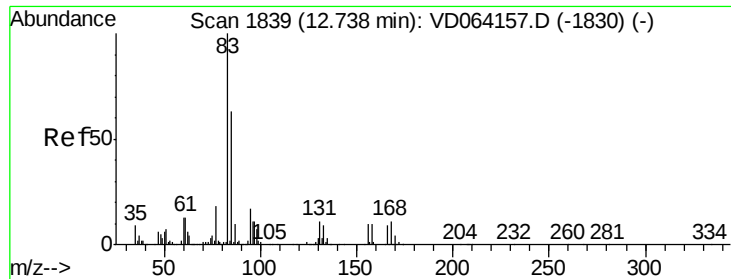
Abundance Ion 43.00 (42.70 to 43.70): V

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: 48.347 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

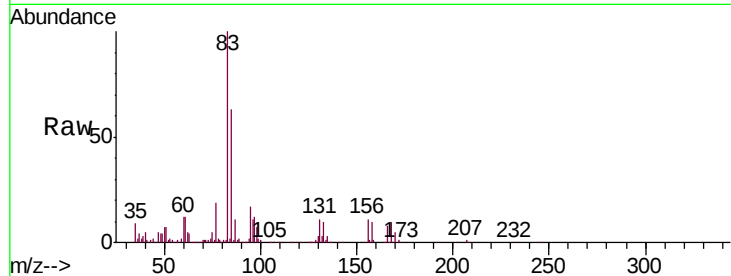
Tgt Ion: 83 Resp: 308001

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.7

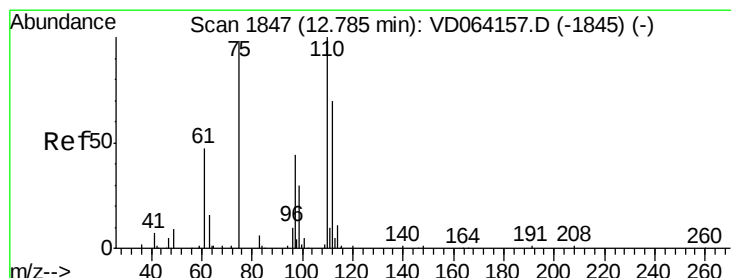
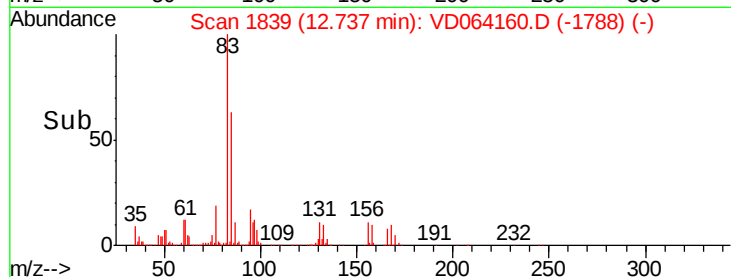
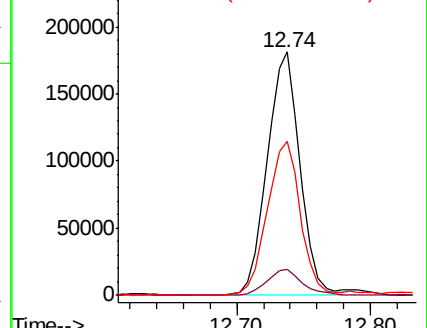
85 63.2 32.5 97.5



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: 91.789 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD064160.D

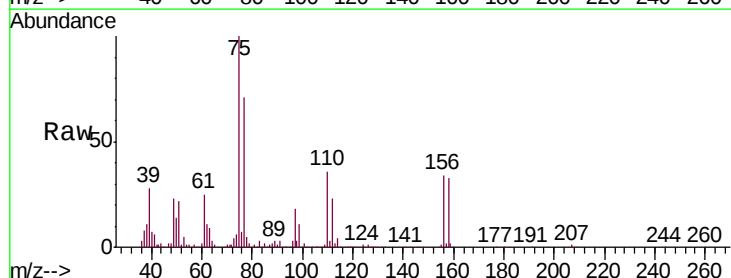
Acq: 08 Nov 2019 16:53

Tgt Ion: 75 Resp: 425860

Ion Ratio Lower Upper

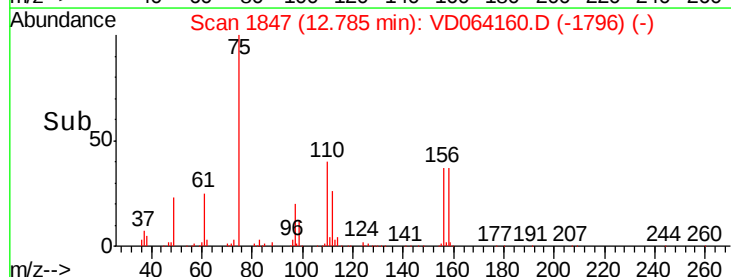
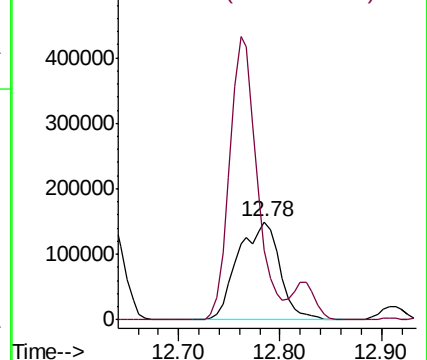
75 100

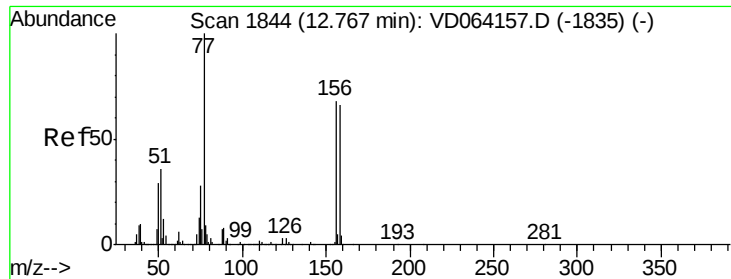
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.630 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064160.D

Acq: 08 Nov 2019 16:53

Instrument :

MSVOA_D

ClientSampleId :

ICVVD110819

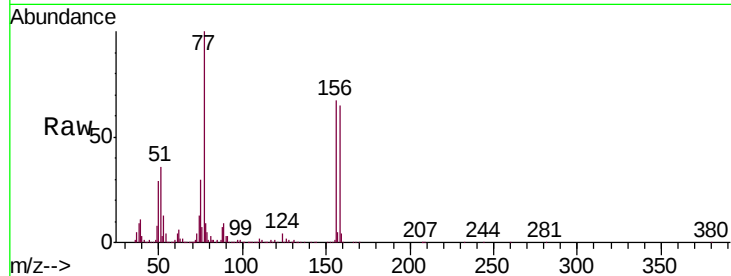
Tgt Ion:156 Resp: 489229

Ion Ratio Lower Upper

156 100

77 165.0 81.2 243.4

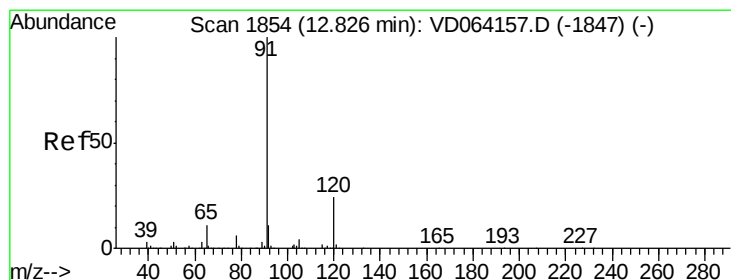
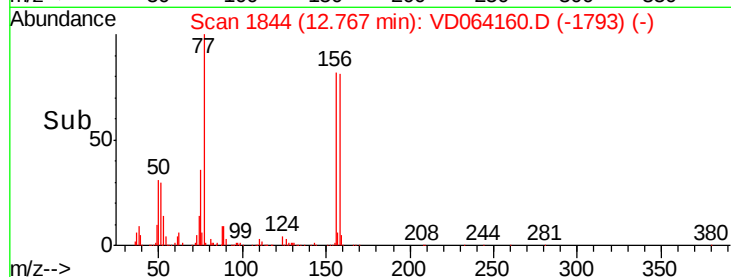
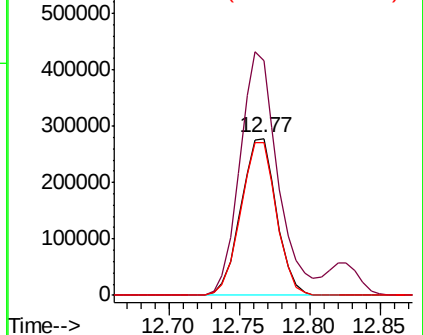
158 97.7 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.141 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064160.D

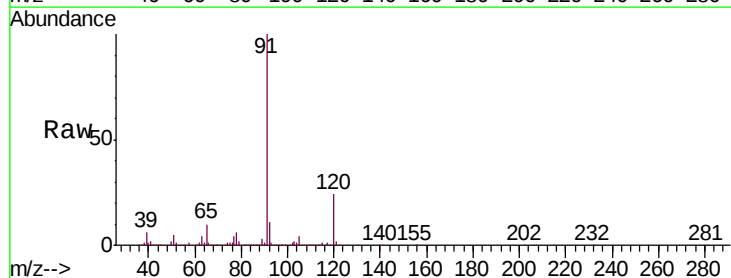
Acq: 08 Nov 2019 16:53

Tgt Ion: 91 Resp: 2325428

Ion Ratio Lower Upper

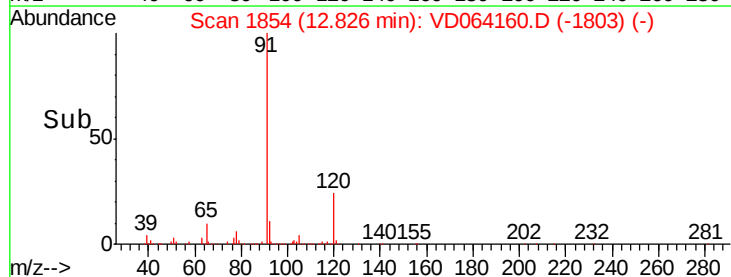
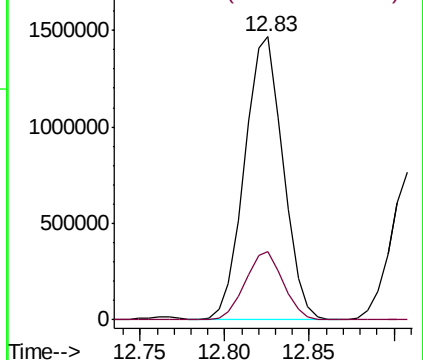
91 100

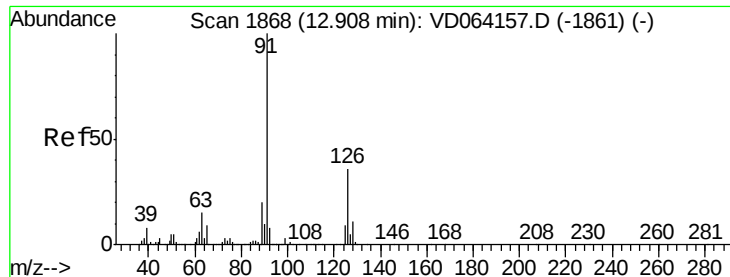
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

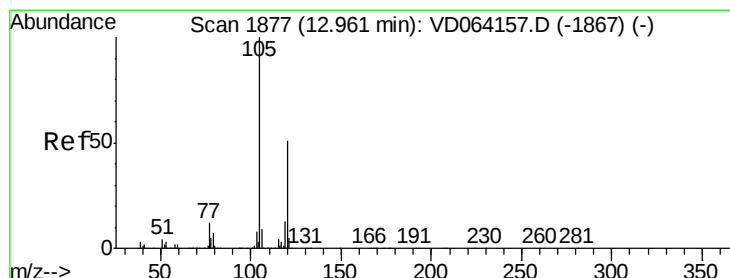
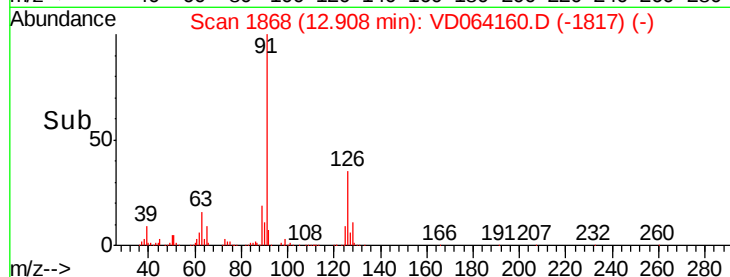
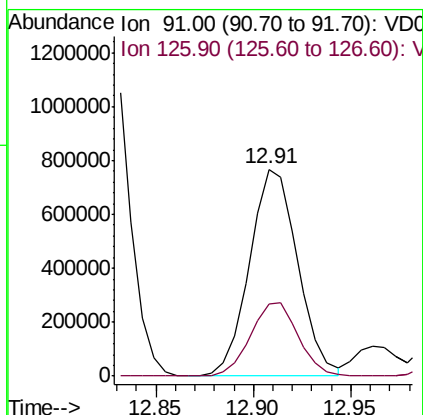
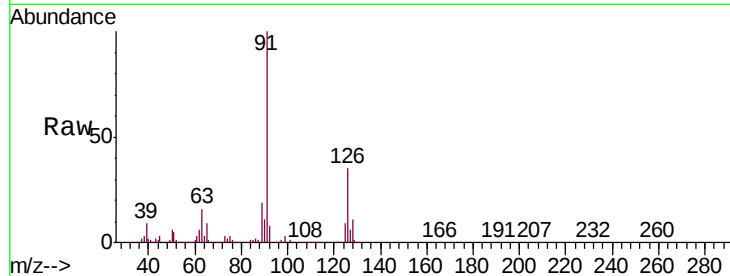




#79
2-Chlorotoluene
Concen: 47.980 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

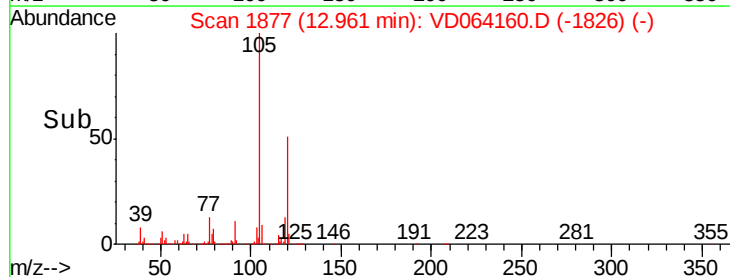
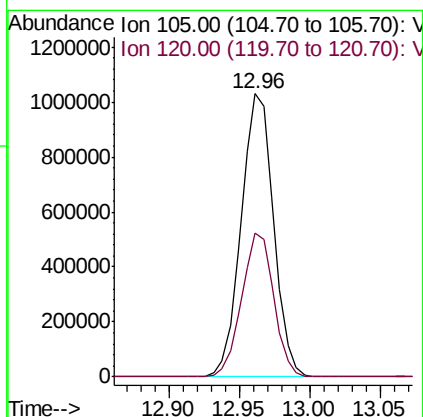
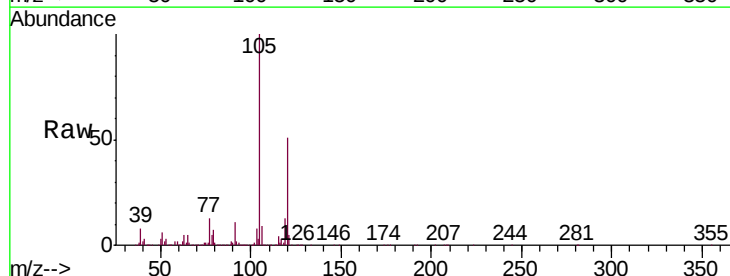
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

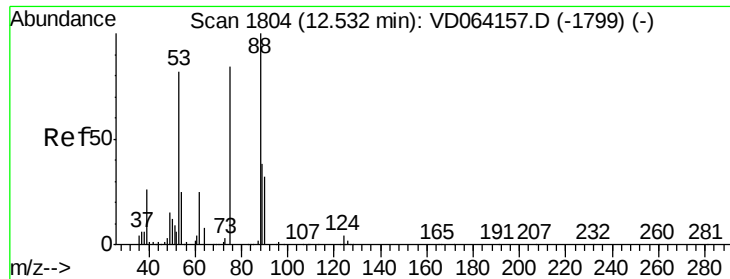
Tgt Ion: 91 Resp: 1308499
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 47.580 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 105 Resp: 1652953
Ion Ratio Lower Upper
105 100
120 50.5 25.4 76.4

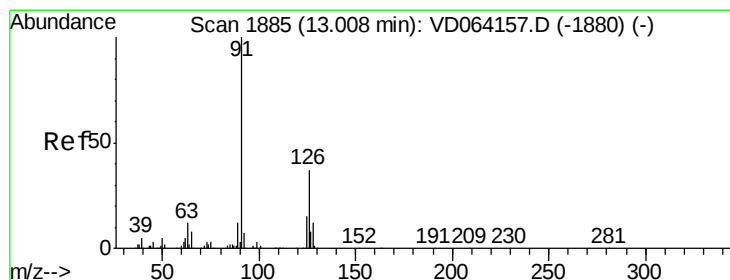
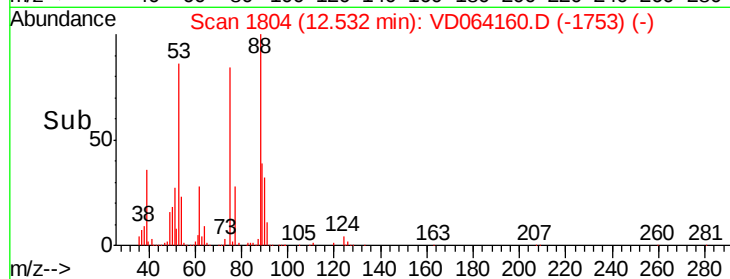
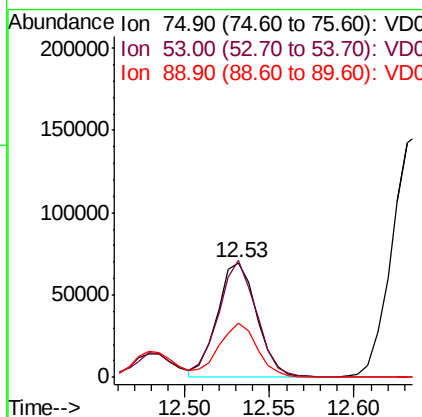
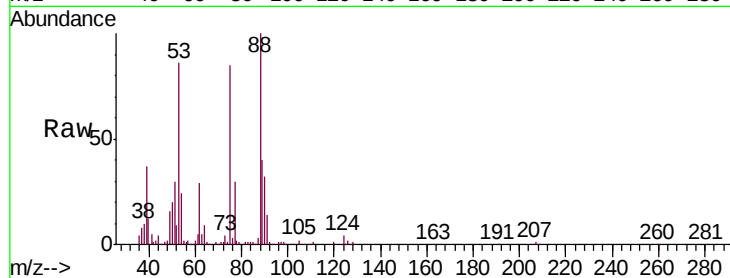




#81
trans-1,4-Dichloro-2-butene
Concen: 48.681 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

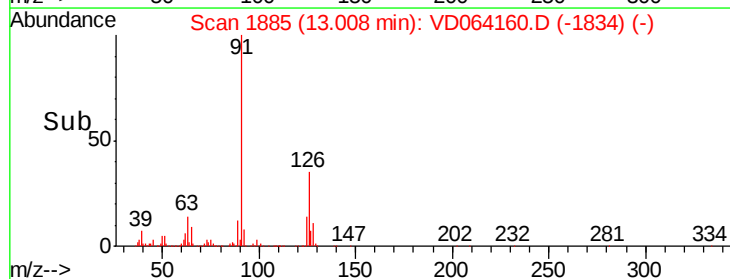
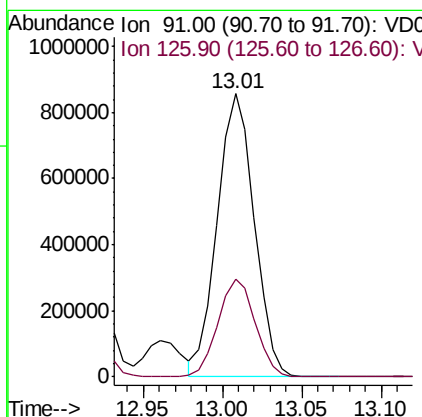
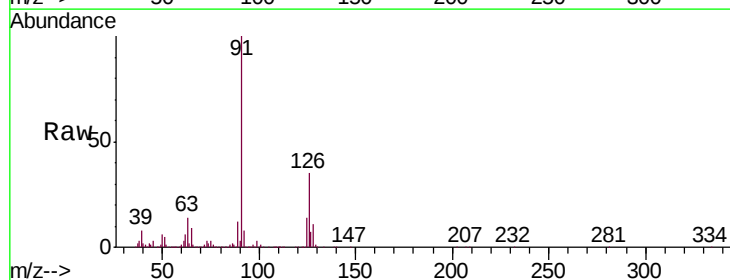
Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

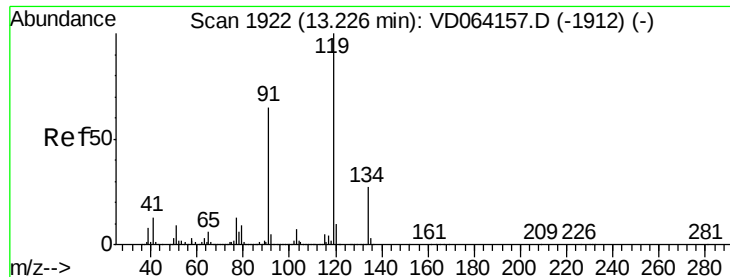
Tgt Ion: 75 Resp: 113702
Ion Ratio Lower Upper
75 100
53 98.8 79.4 119.0
89 46.3 36.6 55.0



#82
4-Chlorotoluene
Concen: 48.628 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 91 Resp: 1383224
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.4

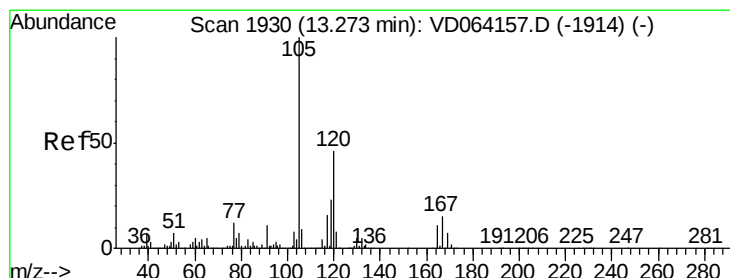
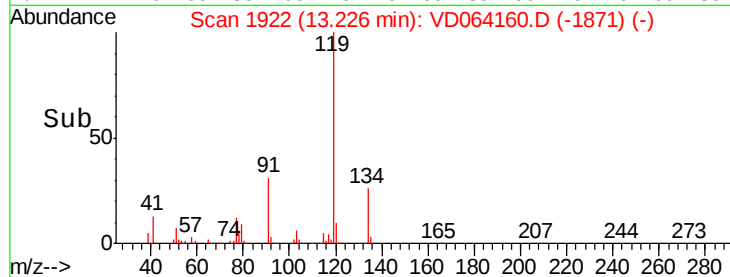
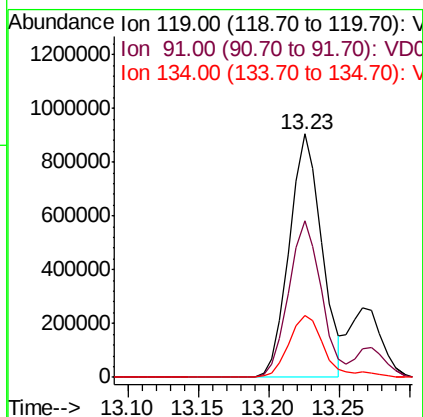
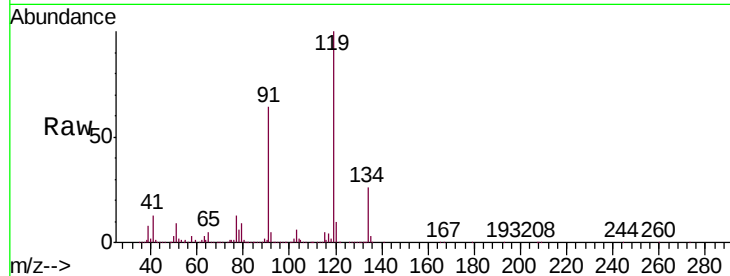




#83
 tert-Butylbenzene
 Concen: 47.303 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

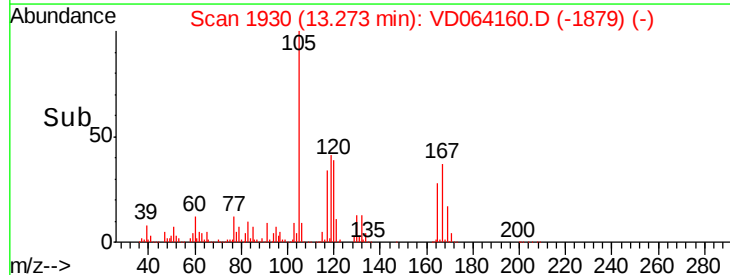
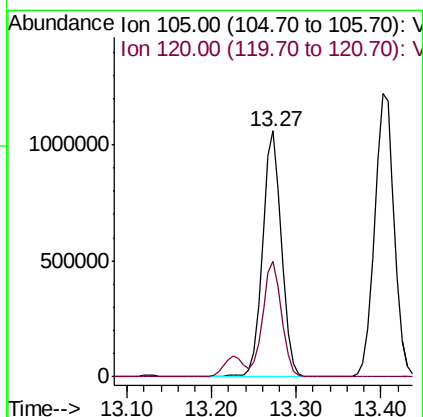
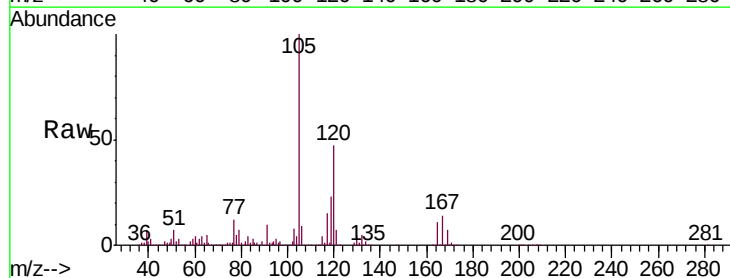
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

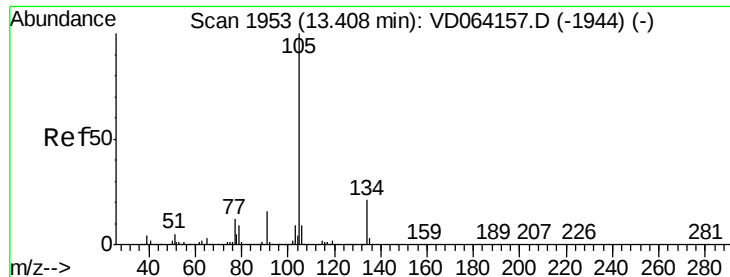
Tgt Ion:119 Resp: 1449060
 Ion Ratio Lower Upper
 119 100
 91 65.0 31.8 95.4
 134 28.0 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.405 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion:105 Resp: 1660179
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.8

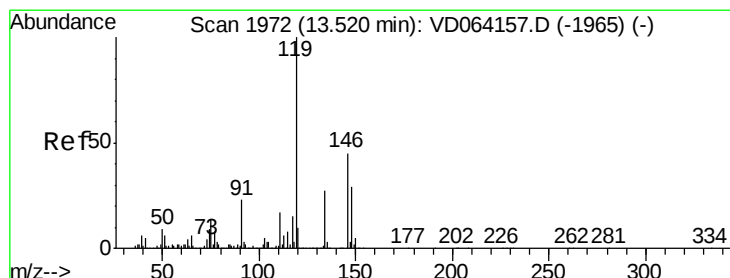
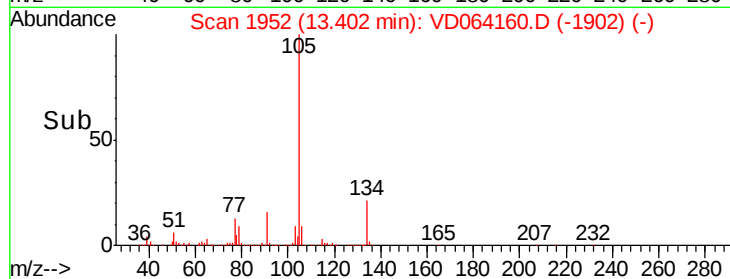
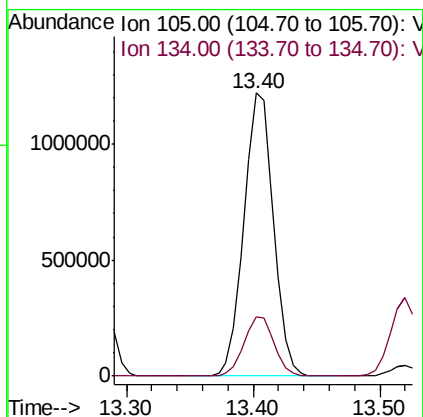
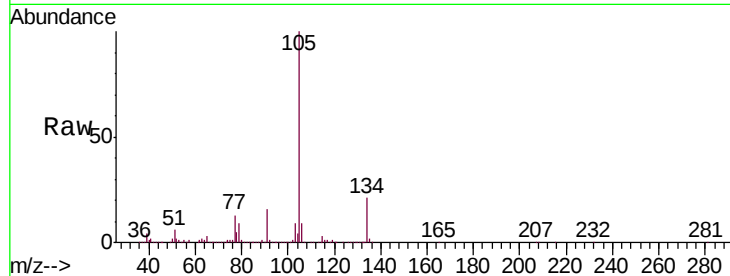




#85
 sec-Butylbenzene
 Concen: 48.188 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

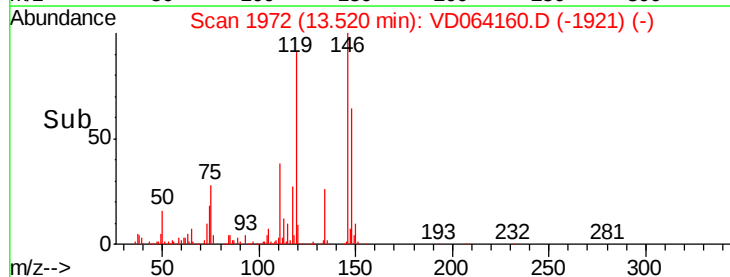
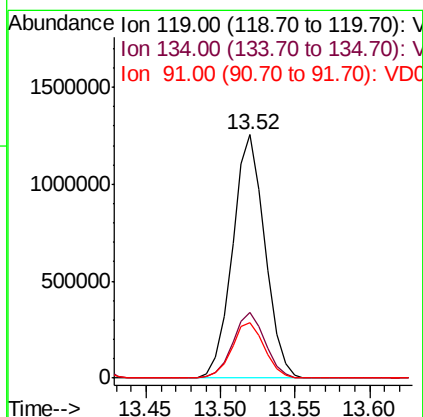
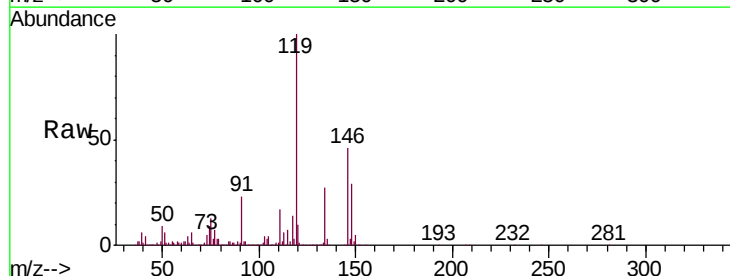
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

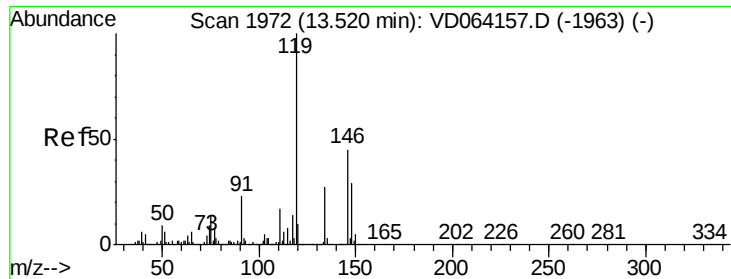
Tgt Ion:105 Resp: 1982615
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 48.314 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion:119 Resp: 1889794
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.5
 91 23.0 11.5 34.4

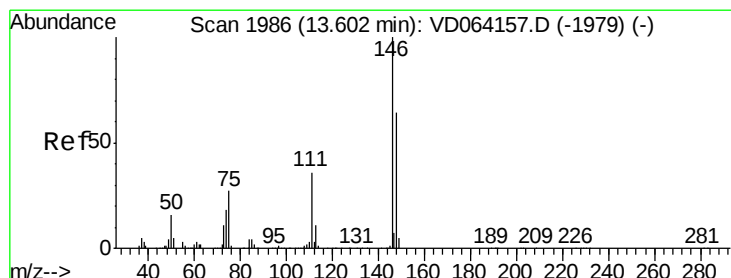
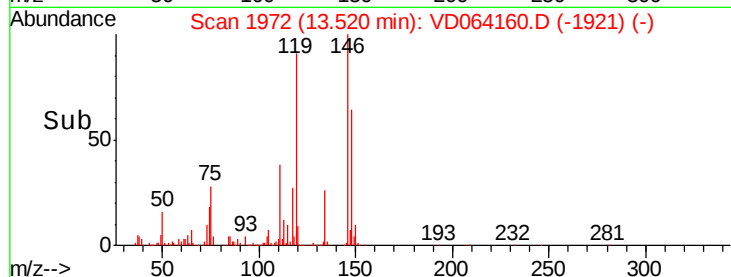
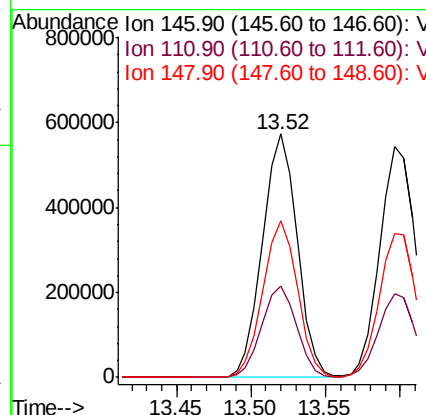
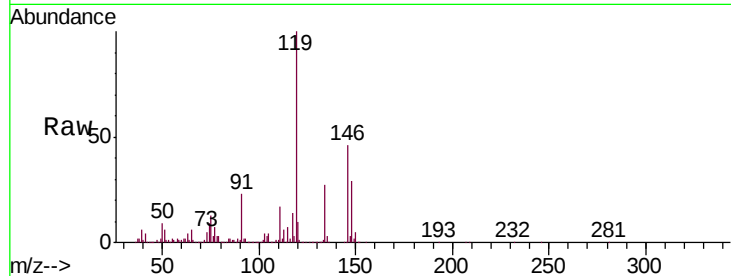




#87
 1,3-Dichlorobenzene
 Concen: 48.677 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

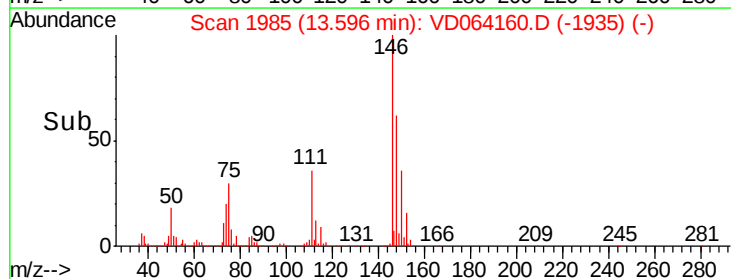
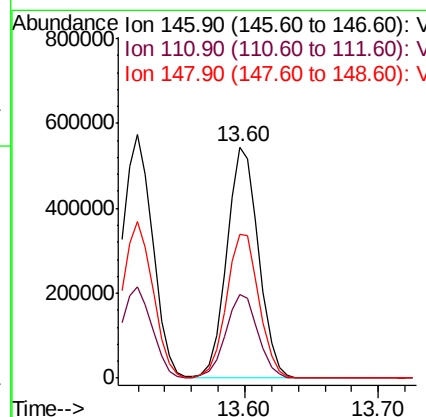
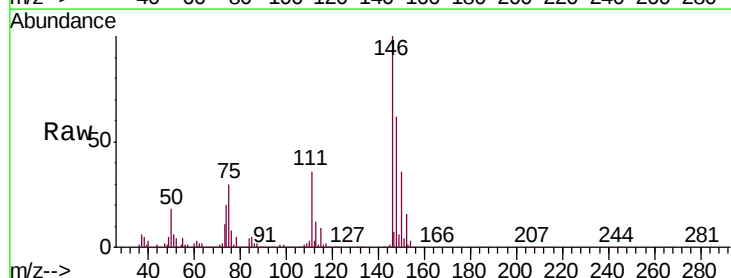
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

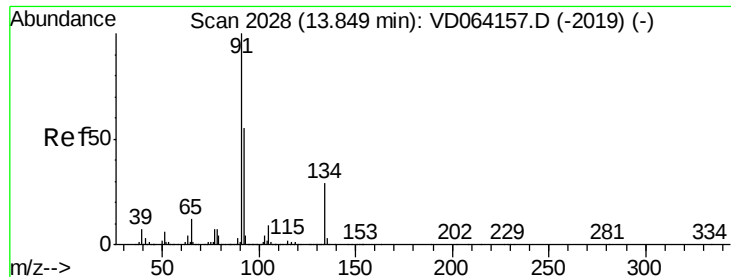
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	64.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.797 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.4
148	63.8	31.9	95.7

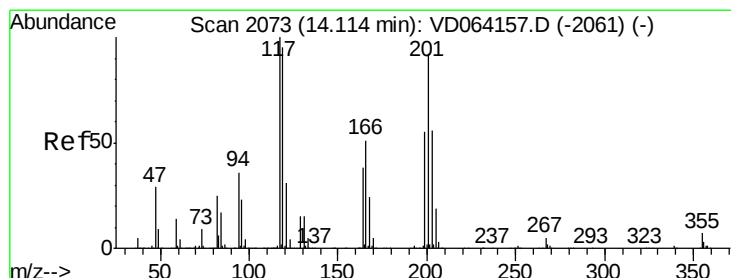
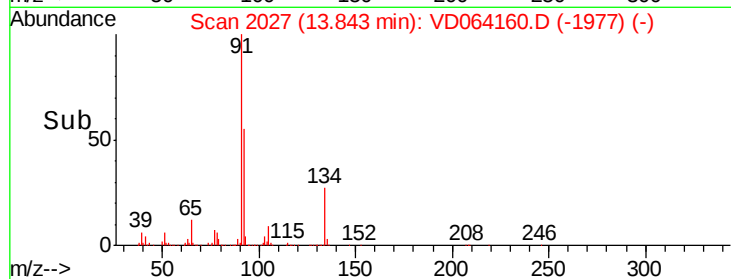
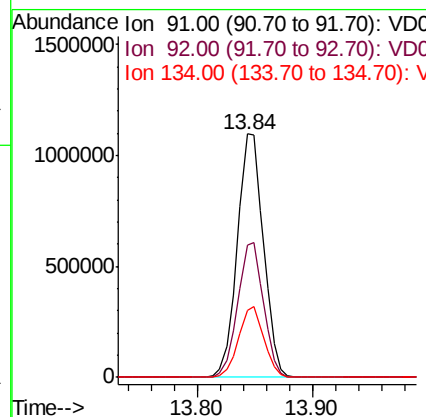
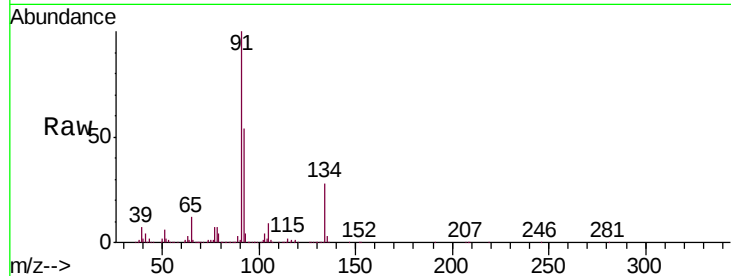




#89
n-Butylbenzene
Concen: 48.519 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

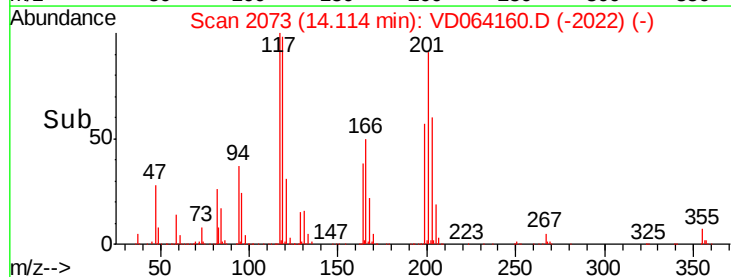
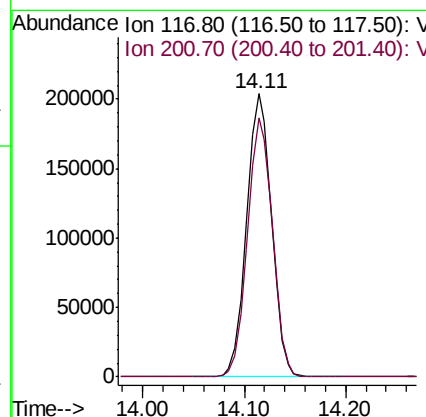
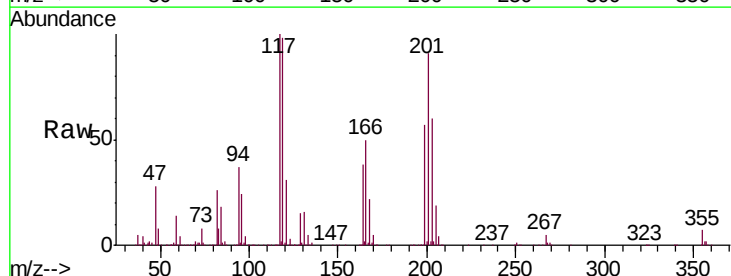
Instrument :
MSVOA_D
ClientSampled :
ICVVD110819

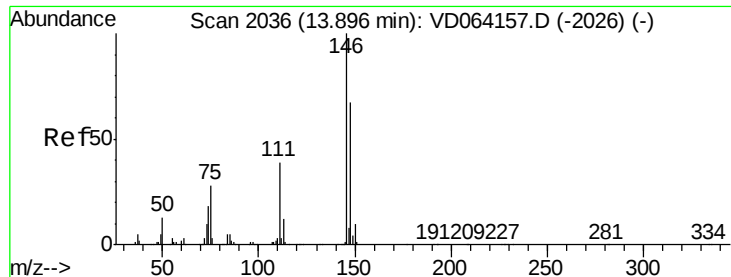
Tgt Ion: 91 Resp: 1714586
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.8
134 28.3 14.1 42.4



#90
Hexachloroethane
Concen: 48.079 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion: 117 Resp: 347559
Ion Ratio Lower Upper
117 100
201 91.6 45.8 137.4

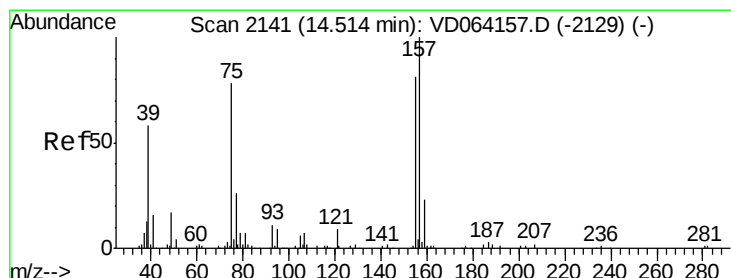
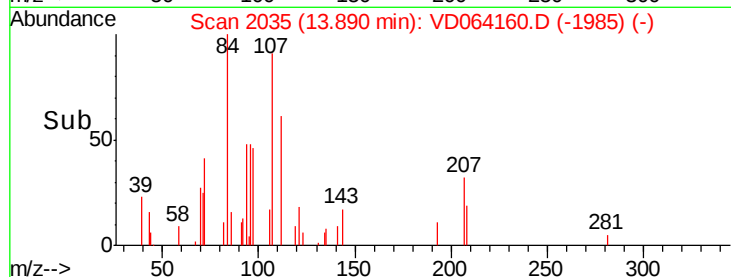
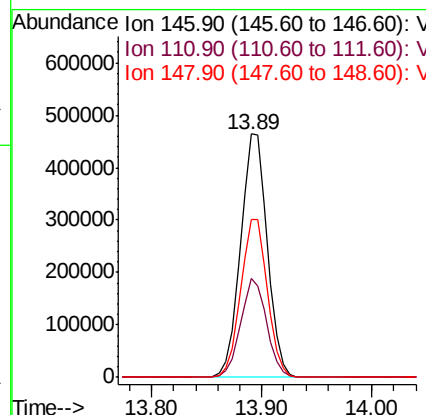
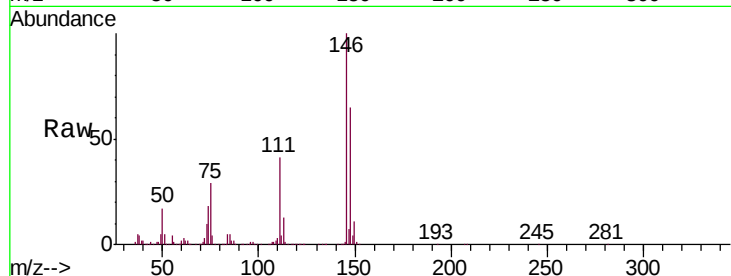




#91
 1,2-Dichlorobenzene
 Concen: 48.907 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

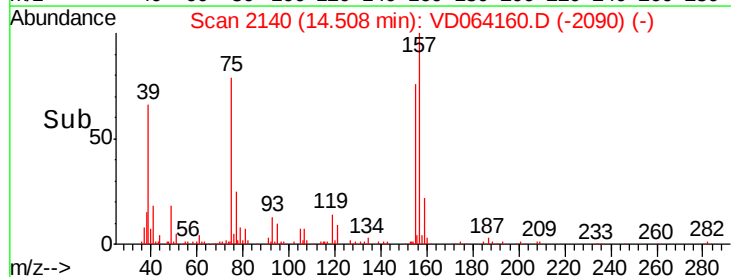
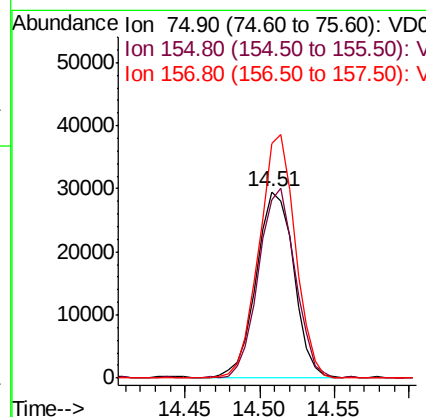
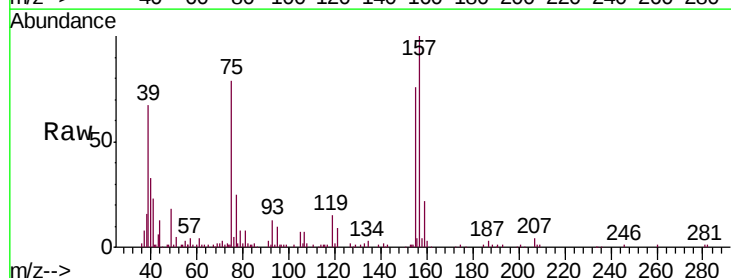
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

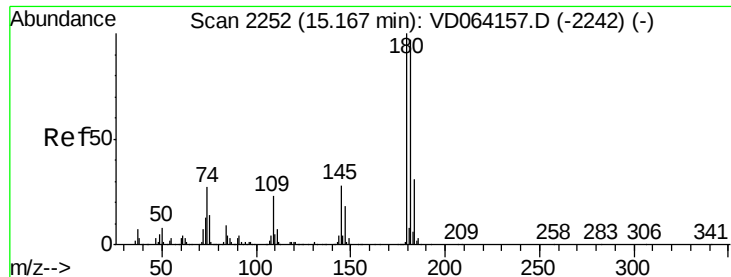
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.0
148	64.9	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.235 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.0	48.0	144.0
157	125.7	61.5	184.4

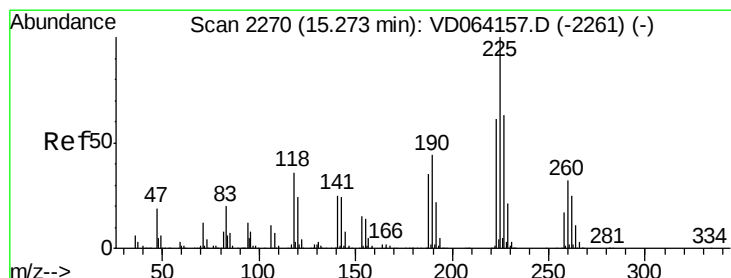
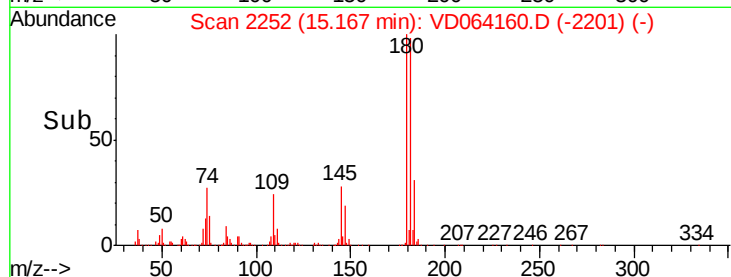
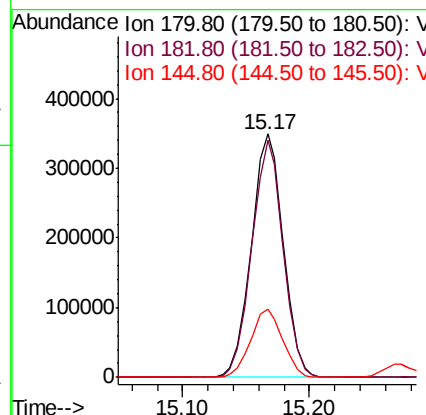
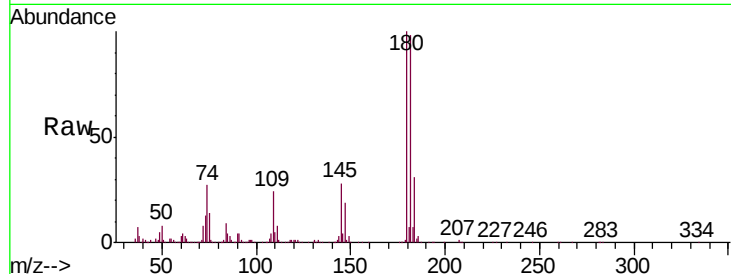




#93
 1,2,4-Trichlorobenzene
 Concen: 49.046 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

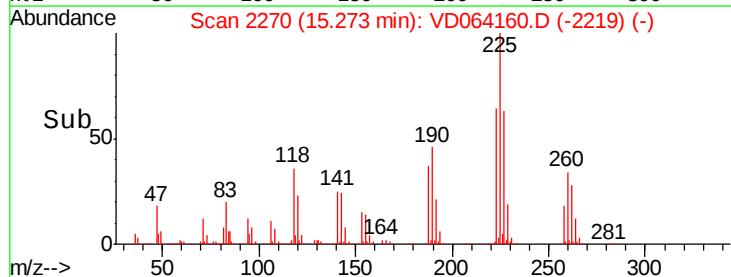
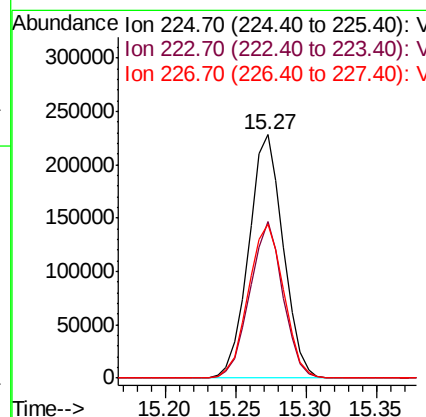
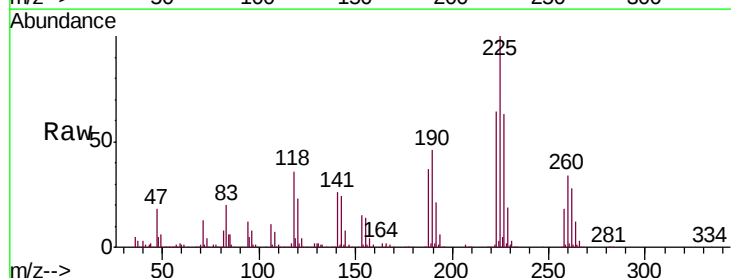
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD110819

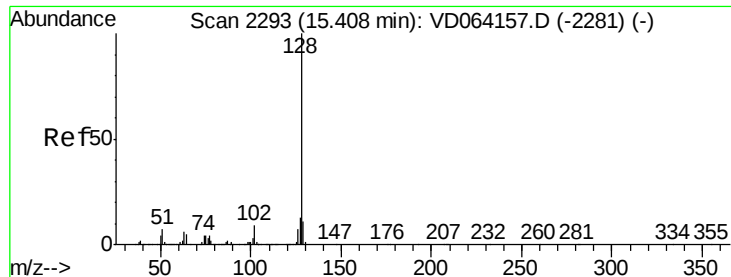
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.5
145	28.2	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 48.512 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD064160.D
 Acq: 08 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.1	93.3
227	64.9	31.5	94.5

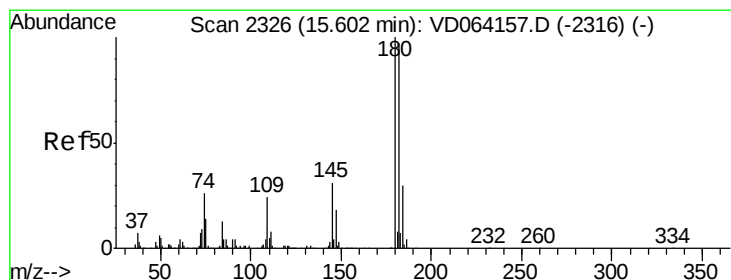
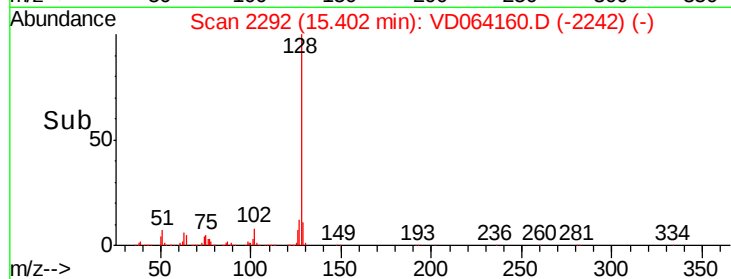
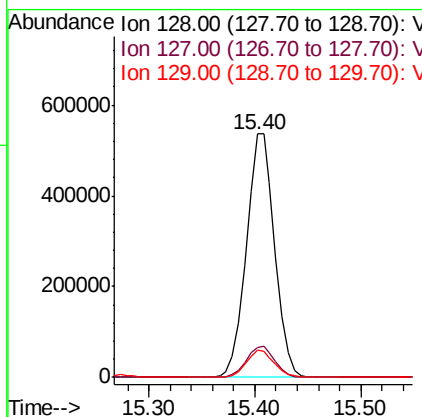
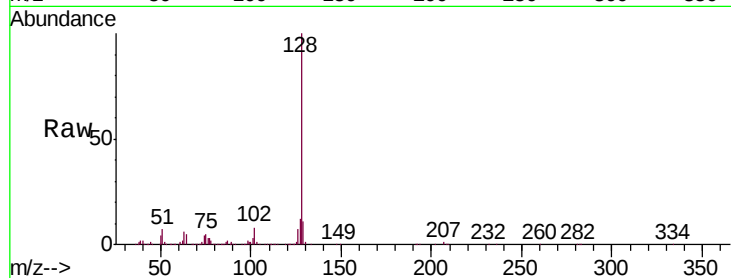




#95
Naphthalene
Concen: 48.664 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Instrument :
MSVOA_D
ClientSampleId :
ICVVD110819

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.178 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD064160.D
Acq: 08 Nov 2019 16:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.3	144.9
145	30.2	15.3	45.8

