

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064936.D
 Acq On : 24 Jan 2020 10:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 25 02:36:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	478729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	688072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	602199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297940	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	232763	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	7.92	113	223348	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.34	98	889802	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.64	95	270233	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	186889	51.820	ug/l	99
3) Chloromethane	2.21	50	260531	49.289	ug/l	96
4) Vinyl Chloride	2.35	62	299780	49.379	ug/l	98
5) Bromomethane	2.77	94	194339	47.588	ug/l	98
6) Chloroethane	2.93	64	190586	47.618	ug/l	98
7) Trichlorofluoromethane	3.27	101	455894	48.623	ug/l	99
8) Diethyl Ether	3.70	74	97578	46.101	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	219792	50.386	ug/l	99
10) Methyl Iodide	4.29	142	226703	48.961	ug/l	98
11) Tert butyl alcohol	5.24	59	57456	226.419	ug/l	96
12) 1,1-Dichloroethene	4.06	96	207114	49.701	ug/l	99
13) Acrolein	3.92	56	77231	242.777	ug/l	96
14) Allyl chloride	4.71	41	335576	50.490	ug/l	98
15) Acrylonitrile	5.43	53	217303	237.079	ug/l	98
16) Acetone	4.16	43	246458	223.941	ug/l	100
17) Carbon Disulfide	4.40	76	691065	50.388	ug/l	99
18) Methyl Acetate	4.73	43	99194	46.123	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	443859	47.669	ug/l	98
20) Methylene Chloride	4.96	84	222193	49.723	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	237656	49.500	ug/l	99
22) Diisopropyl ether	6.37	45	654755	49.432	ug/l	98
23) Vinyl Acetate	6.31	43	1903050	245.392	ug/l	99
24) 1,1-Dichloroethane	6.27	63	398257	48.971	ug/l	99
25) 2-Butanone	7.22	43	296923	239.337	ug/l	98
26) 2,2-Dichloropropane	7.21	77	371378	50.345	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	252438	49.261	ug/l	100
28) Bromochloromethane	7.54	49	160876	49.463	ug/l	98
29) Tetrahydrofuran	7.57	42	174123	227.476	ug/l	99
30) Chloroform	7.71	83	411846	48.989	ug/l	98
31) Cyclohexane	7.98	56	372060	46.505	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	380626	48.668	ug/l	98
36) 1,1-Dichloropropene	8.11	75	330095	49.751	ug/l	98
37) Ethyl Acetate	7.30	43	125994	45.973	ug/l	99
38) Carbon Tetrachloride	8.10	117	355268	50.659	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	380197	49.013	ug/l	94
40) Benzene	8.35	78	918932	50.287	ug/l	100
41) Methacrylonitrile	7.57	41	174752	118.367	ug/l #	24
42) 1,2-Dichloroethane	8.43	62	265256	48.730	ug/l	99
43) Isopropyl Acetate	8.46	43	242325	46.548	ug/l	99
44) Trichloroethene	9.11	130	257842	50.417	ug/l	98
45) 1,2-Dichloropropane	9.39	63	219487	49.546	ug/l	97
46) Dibromomethane	9.48	93	115602	47.798	ug/l	98
47) Bromodichloromethane	9.67	83	315570	50.144	ug/l	98
48) Methyl methacrylate	9.46	41	117897	49.212	ug/l	99
49) 1,4-Dioxane	9.46	88	26377	940.355	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	610335	234.308	ug/l	100
52) Toluene	10.41	92	585382	49.687	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	297447	49.618	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	349313	49.769	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	158110	48.533	ug/l	97
56) Ethyl methacrylate	10.66	69	197052	50.581	ug/l	98
57) 1,3-Dichloropropane	10.95	76	270095	48.338	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	295195	228.080	ug/l	99
59) 2-Hexanone	10.99	43	452431	251.806	ug/l	99
60) Dibromochloromethane	11.14	129	210039	48.238	ug/l	98
61) 1,2-Dibromoethane	11.25	107	150738	48.053	ug/l	99
64) Tetrachloroethene	10.88	164	216874	49.837	ug/l	100
65) Chlorobenzene	11.67	112	612318	50.079	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	229453	49.899	ug/l	98
67) Ethyl Benzene	11.75	91	1110468	51.157	ug/l	100
68) m/p-Xylenes	11.86	106	867546	103.803	ug/l	100
69) o-Xylene	12.18	106	380535	51.303	ug/l	99
70) Styrene	12.20	104	693588	52.492	ug/l	100
71) Bromoform	12.37	173	124877	48.854	ug/l #	98
73) Isopropylbenzene	12.48	105	1046268	51.379	ug/l	100
74) N-amyl acetate	12.30	43	216469	47.505	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	164055	47.933	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	220064	88.989	ug/l #	100
77) Bromobenzene	12.77	156	249628	50.101	ug/l	99
78) n-propylbenzene	12.83	91	1234392	50.971	ug/l	99
79) 2-Chlorotoluene	12.91	91	668610	50.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	852615	51.091	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	56932	49.157	ug/l	99
82) 4-Chlorotoluene	13.01	91	710836	50.452	ug/l	99
83) tert-Butylbenzene	13.23	119	714216	50.432	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	854538	50.548	ug/l	100
85) sec-Butylbenzene	13.41	105	1007160	50.227	ug/l	99
86) p-Isopropyltoluene	13.53	119	949535	50.605	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	479599	50.167	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	462794	48.775	ug/l	99
89) n-Butylbenzene	13.85	91	868158	50.698	ug/l	99
90) Hexachloroethane	14.12	117	178306	49.276	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	402658	49.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	25741	46.997	ug/l	98

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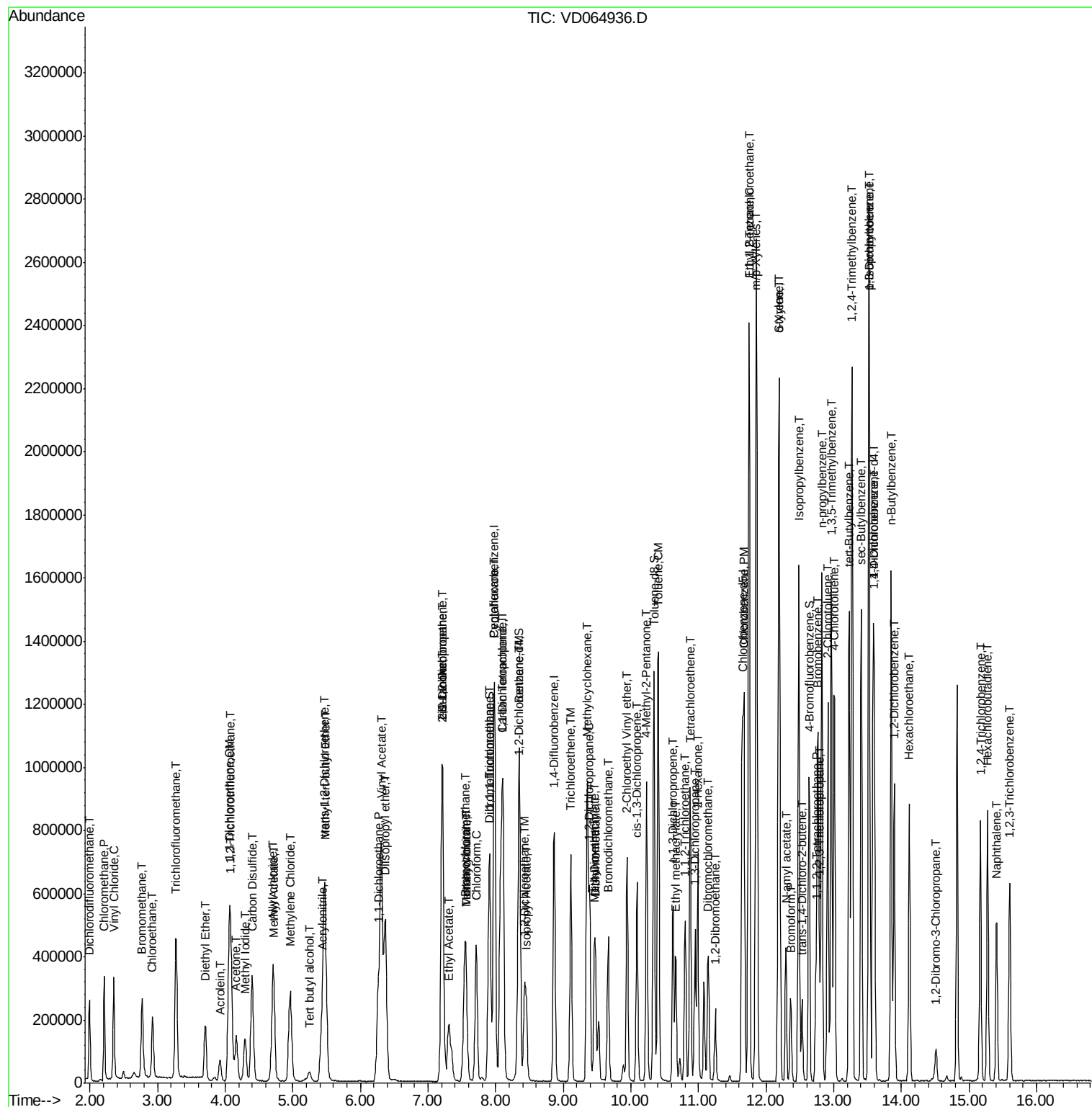
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	273954	48.791	ug/l	98
94) Hexachlorobutadiene	15.28	225	173660	48.897	ug/l	98
95) Naphthalene	15.41	128	446329	49.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	231489	47.550	ug/l	98

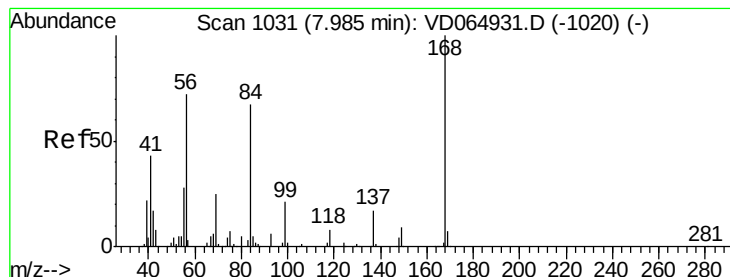
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

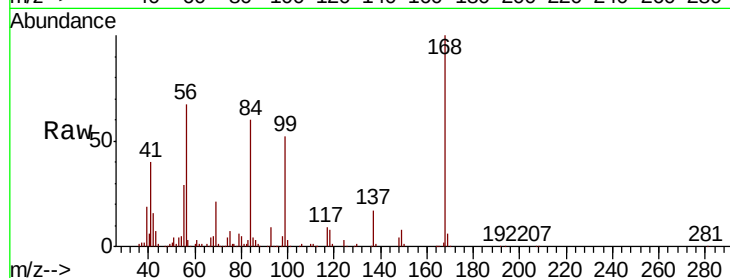
ClientSampleId :

Tot Ion:168 Resp: 478729

Ion Ratio Lower Upper

168 100

99 51.8 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

250000

200000

150000

100000

50000

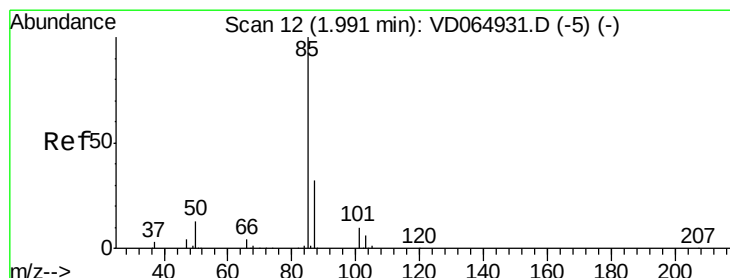
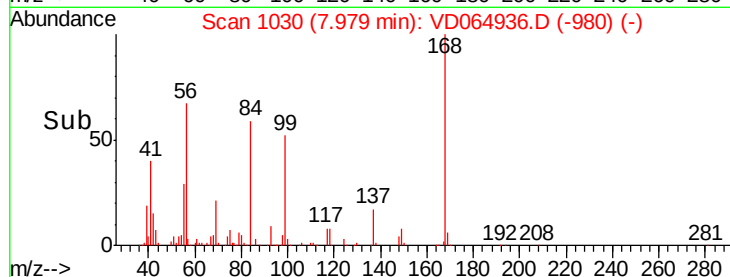
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.820 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064936.D

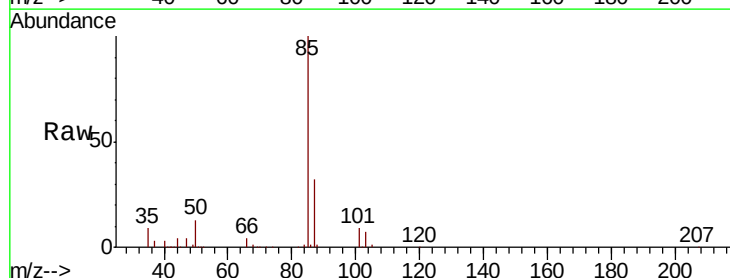
Acq: 24 Jan 2020 10:10

Tgt Ion: 85 Resp: 186889

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

150000

100000

50000

0

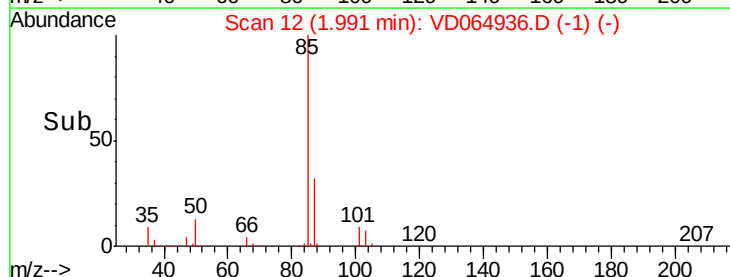
1.90

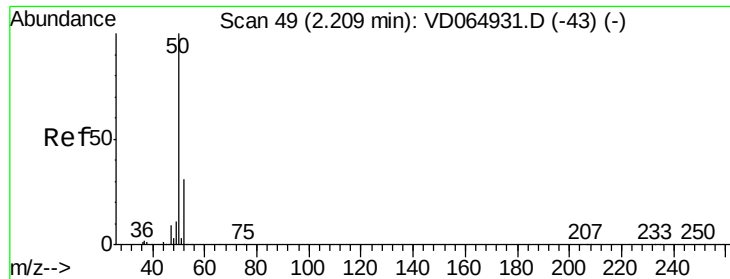
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 49.289 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

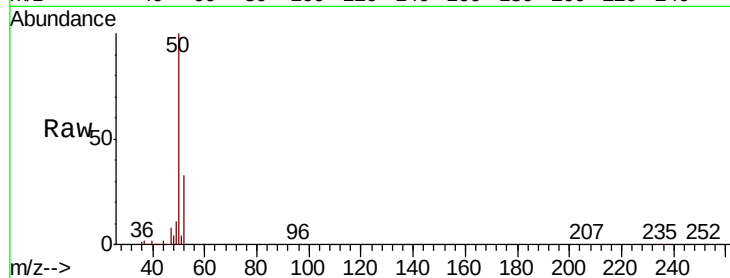
ClientSampleId :

Tot Ion: 50 Resp: 260531

Ion Ratio Lower Upper

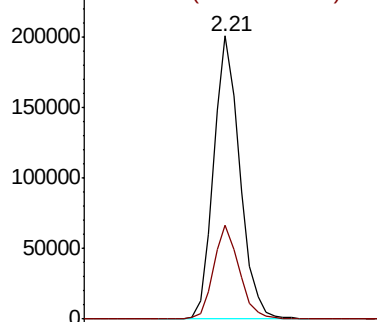
50 100

52 33.0 24.6 36.8

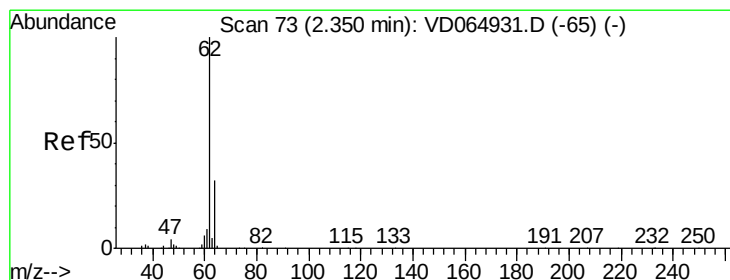
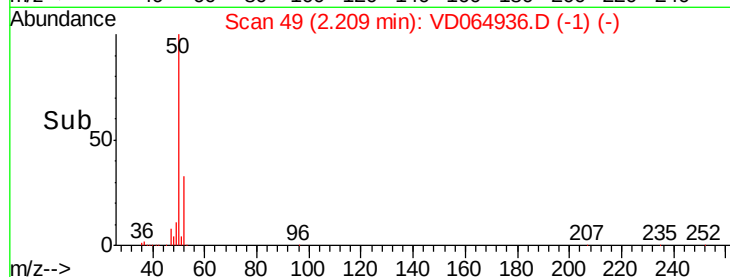


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 49.379 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064936.D

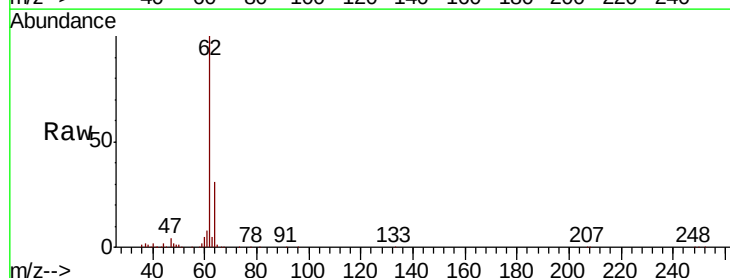
Acq: 24 Jan 2020 10:10

Tgt Ion: 62 Resp: 299780

Ion Ratio Lower Upper

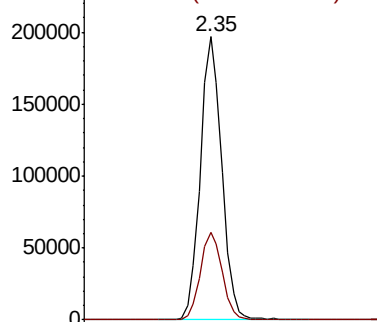
62 100

64 30.8 25.6 38.4

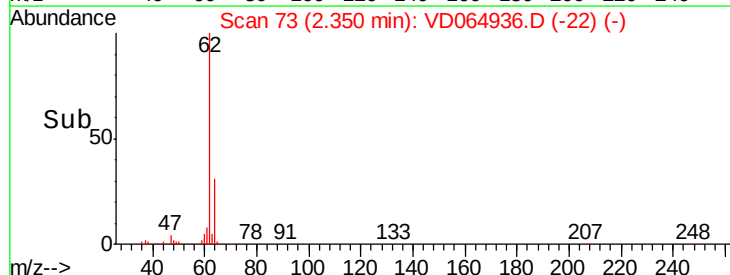


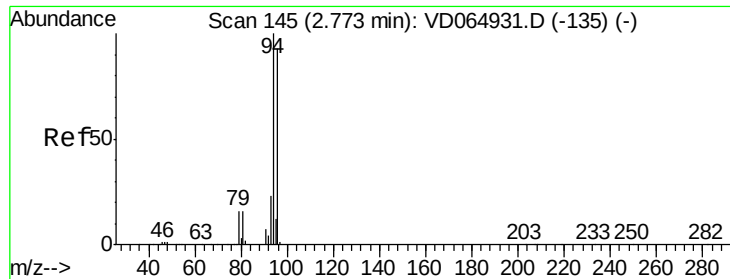
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->





#5

Bromomethane

Concen: 47.588 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

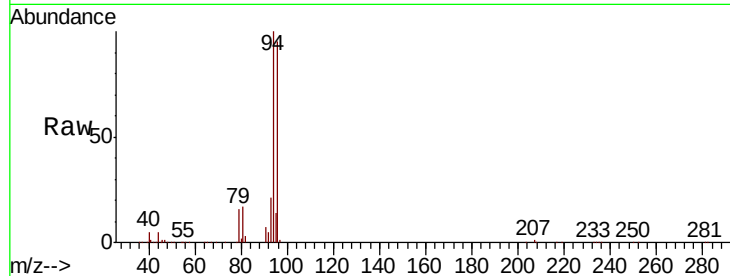
ClientSampleId :

Tot Ion: 94 Resp: 194339

Ion Ratio Lower Upper

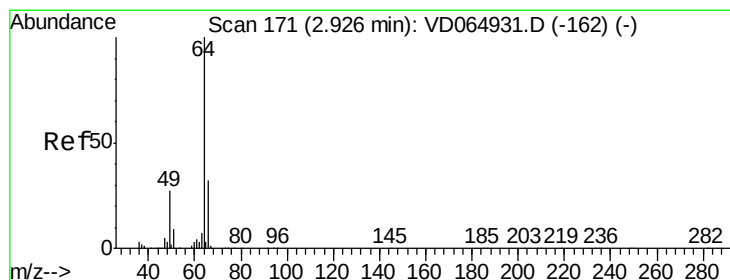
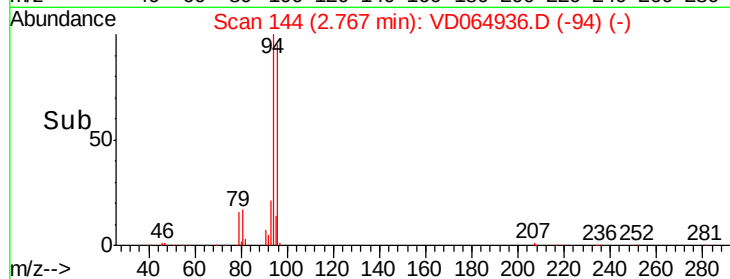
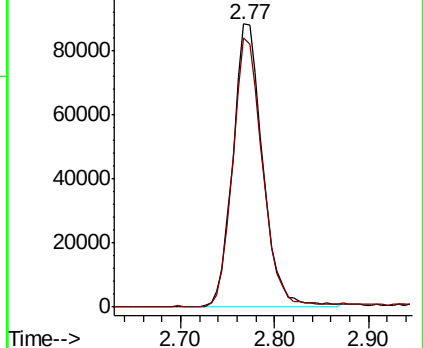
94 100

96 94.9 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.618 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD064936.D

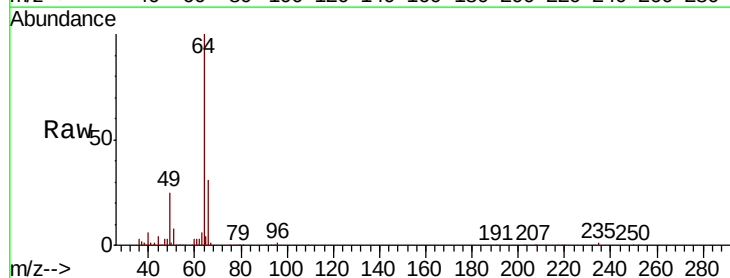
Acq: 24 Jan 2020 10:10

Tgt Ion: 64 Resp: 190586

Ion Ratio Lower Upper

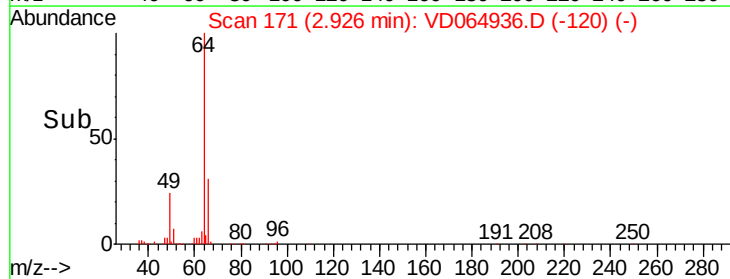
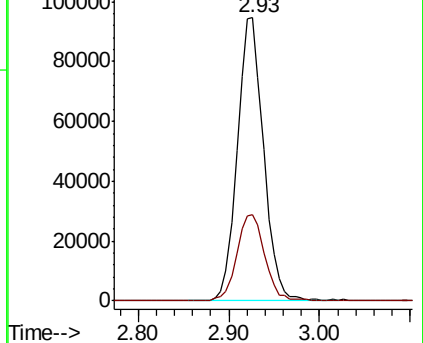
64 100

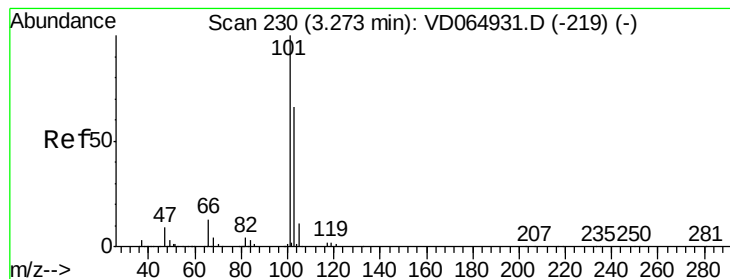
66 30.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



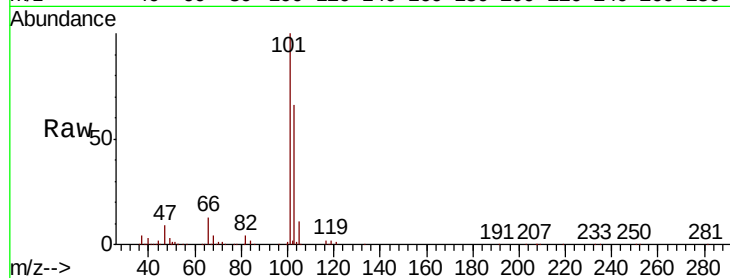


#7

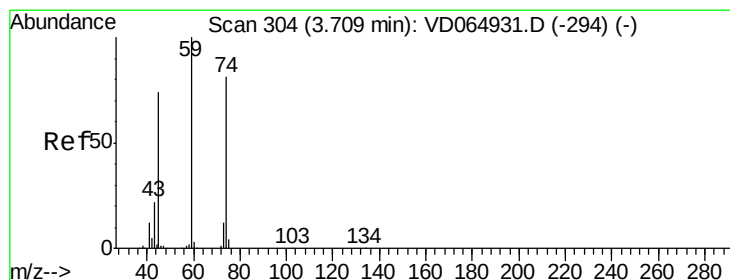
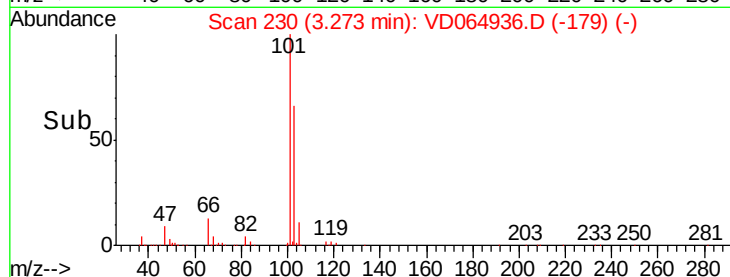
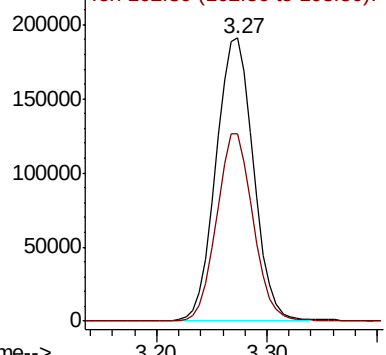
Trichlorofluoromethane
Concen: 48.623 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:101 Resp: 455894
Ion Ratio Lower Upper
101 100
103 66.3 52.5 78.7



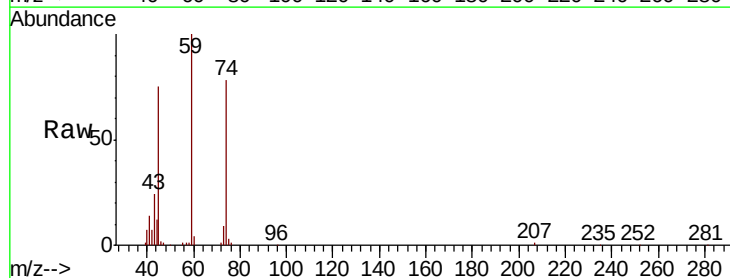
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



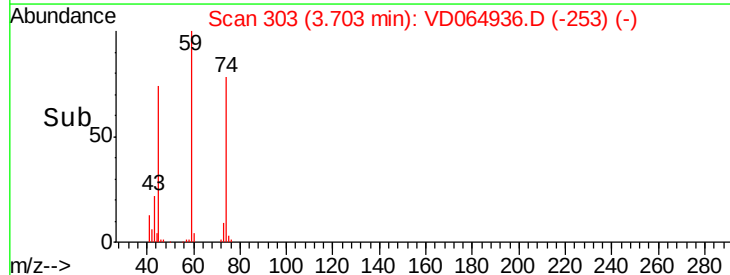
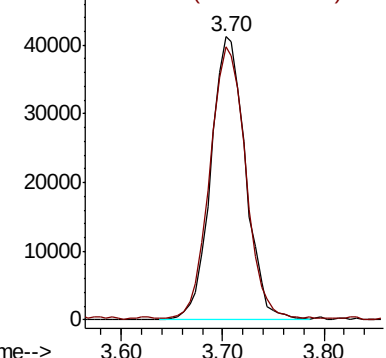
#8

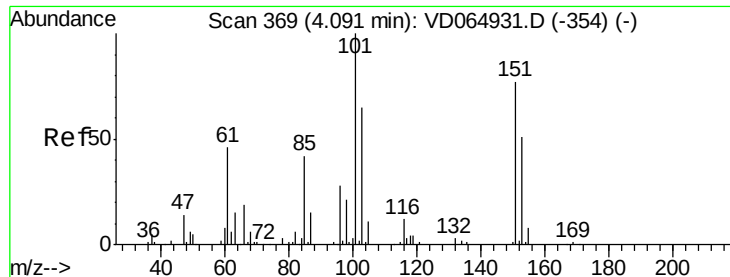
Diethyl Ether
Concen: 46.101 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 74 Resp: 97578
Ion Ratio Lower Upper
74 100
45 99.3 48.5 145.5



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.386 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

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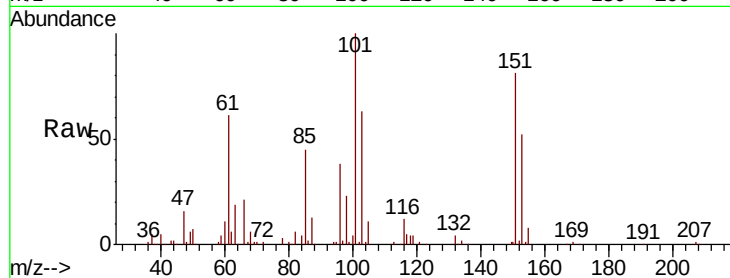
Tot Ion:101 Resp: 219792

Ion Ratio Lower Upper

101 100

85 44.0 35.0 52.4

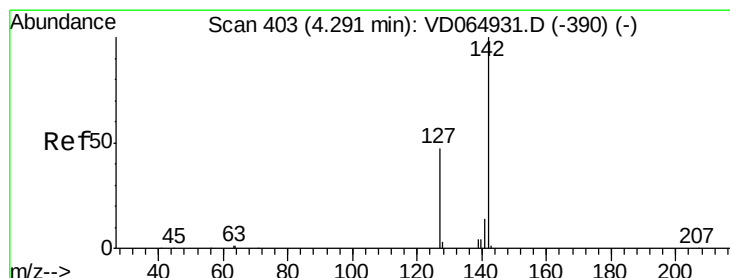
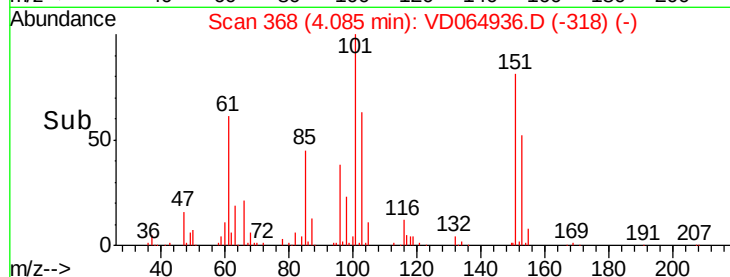
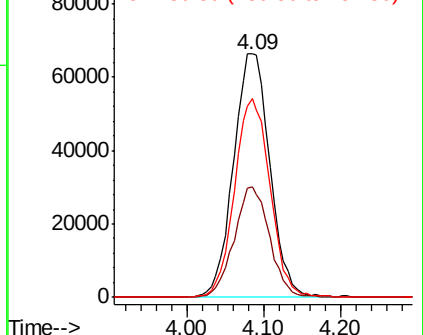
151 79.4 64.6 96.8



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: 48.961 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

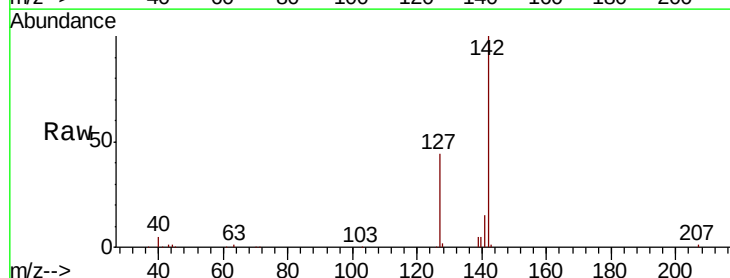
Tgt Ion:142 Resp: 226703

Ion Ratio Lower Upper

142 100

127 46.5 36.2 54.2

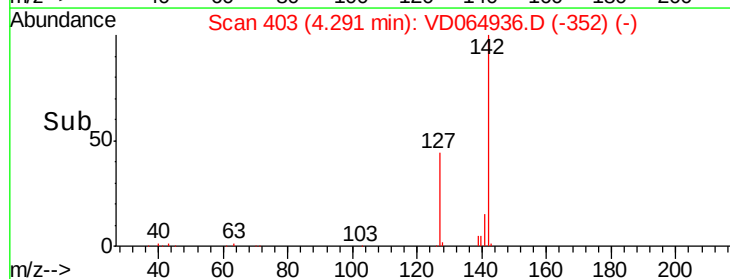
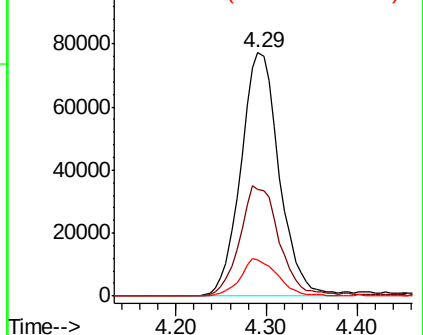
141 15.0 11.6 17.4

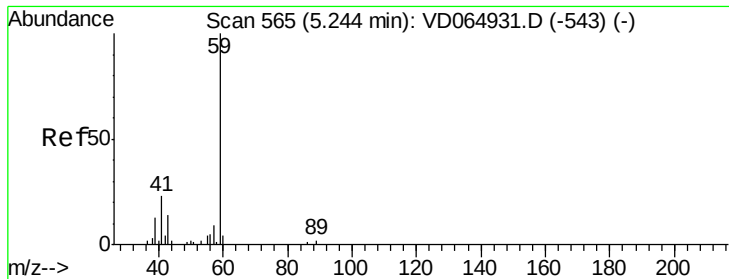


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



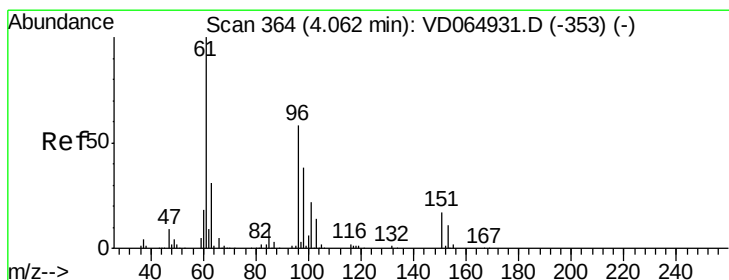
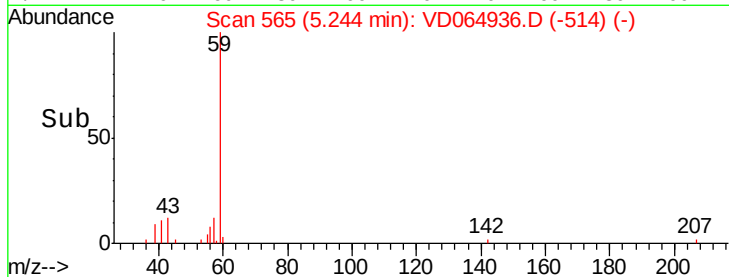
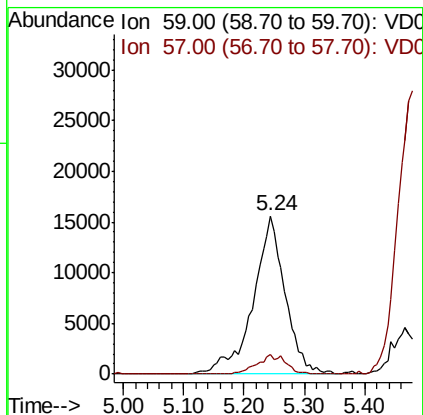
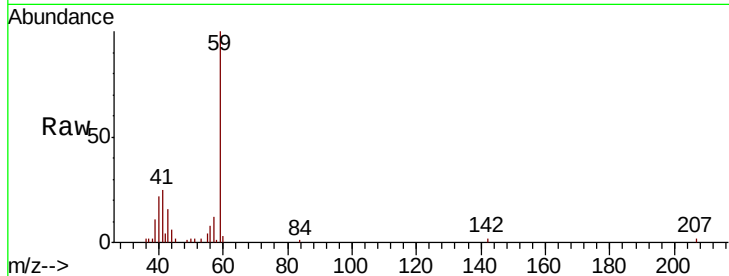


#11

Tert butyl alcohol
Concen: 226.419 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Instrument :
MSVOA_D
ClientSampled :

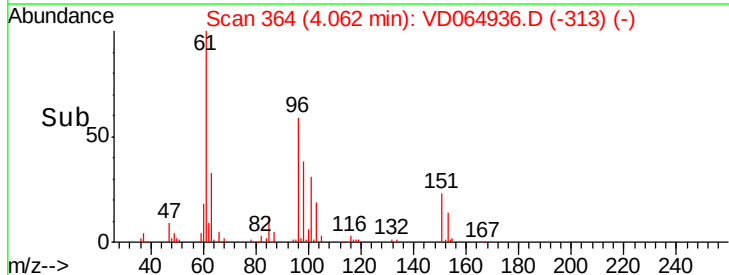
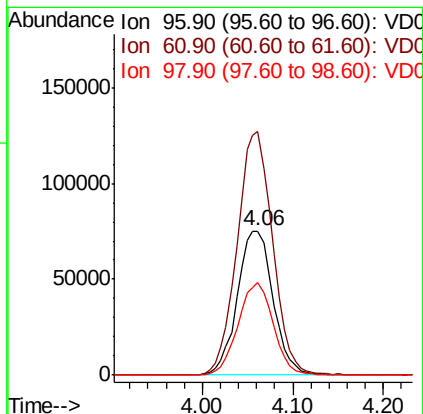
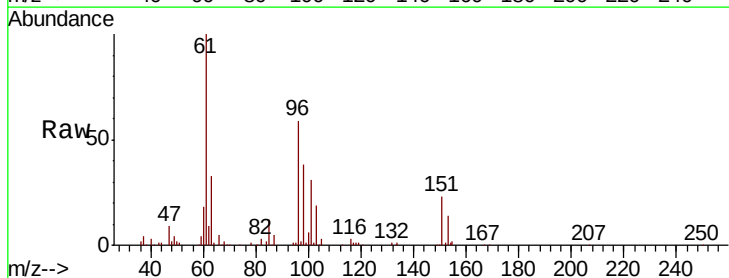
Tot Ion: 59 Resp: 57456
Ion Ratio Lower Upper
59 100
57 11.2 7.7 11.5

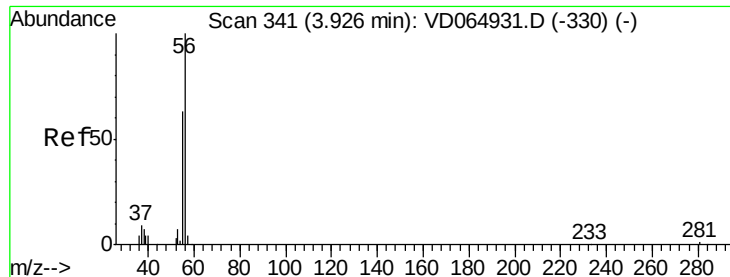


#12

1,1-Dichloroethene
Concen: 49.701 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 96 Resp: 207114
Ion Ratio Lower Upper
96 100
61 169.2 137.0 205.4
98 64.4 52.1 78.1





#13

Acrolein

Concen: 242.777 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

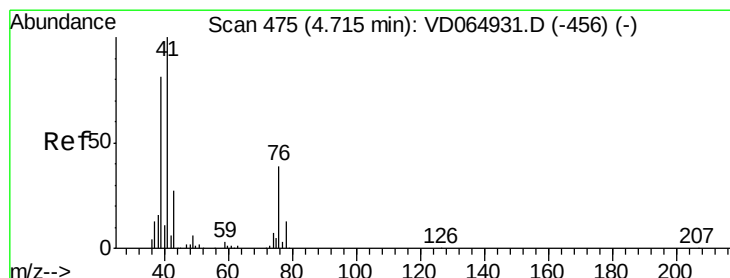
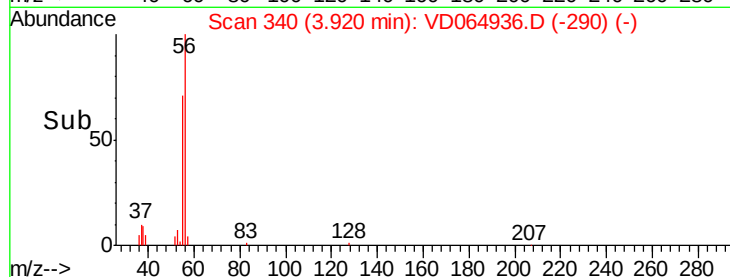
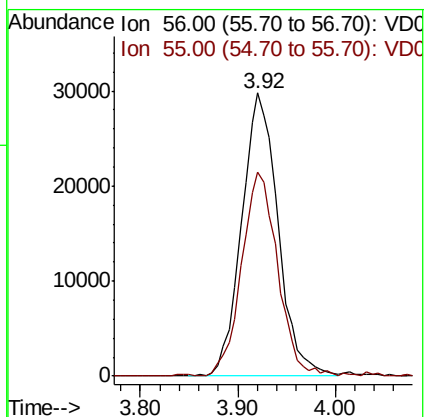
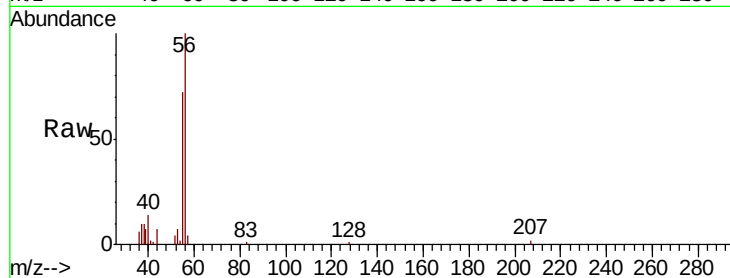
ClientSampleId :

Tot Ion: 56 Resp: 77231

Ion Ratio Lower Upper

56 100

55 71.4 59.7 89.5



#14

Allyl chloride

Concen: 50.490 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

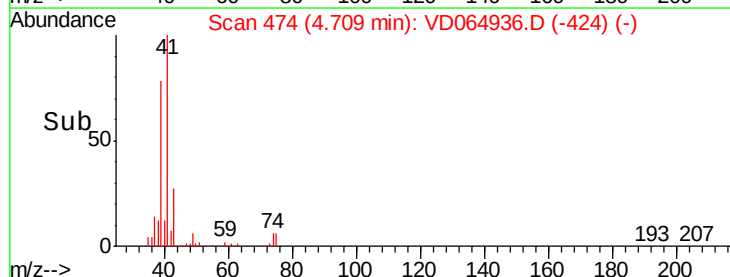
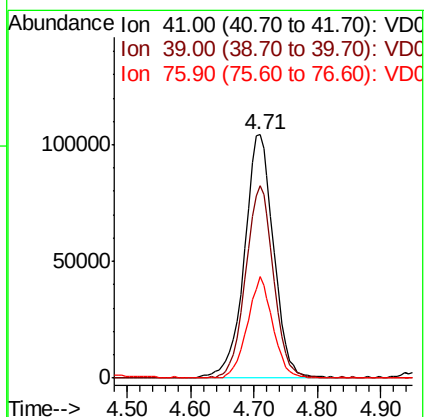
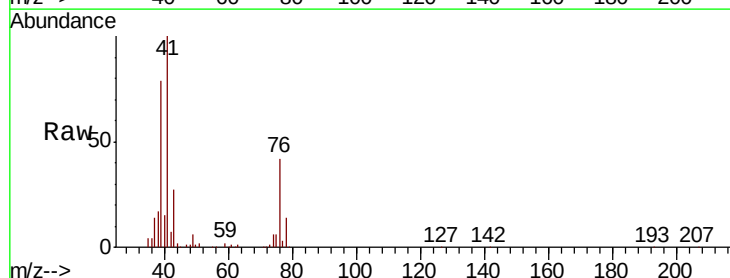
Tgt Ion: 41 Resp: 335576

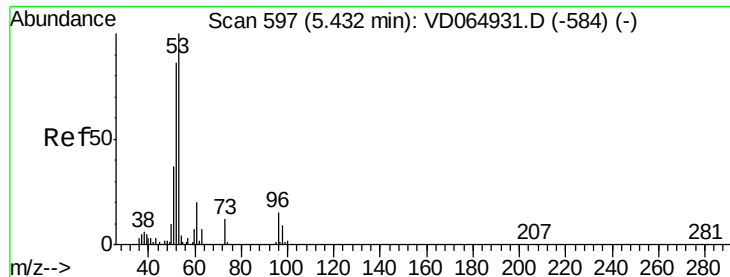
Ion Ratio Lower Upper

41 100

39 75.5 62.0 93.0

76 35.9 29.3 43.9





#15

Acrylonitrile

Concen: 237.079 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

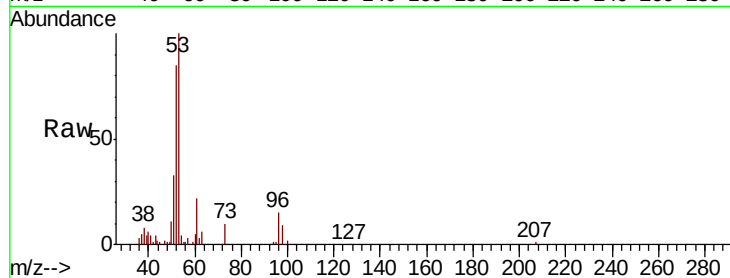
Tot Ion: 53 Resp: 217303

Ion Ratio Lower Upper

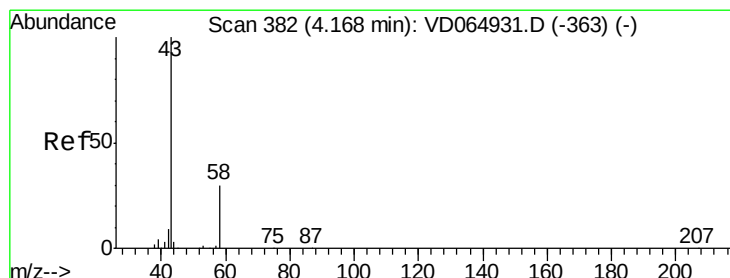
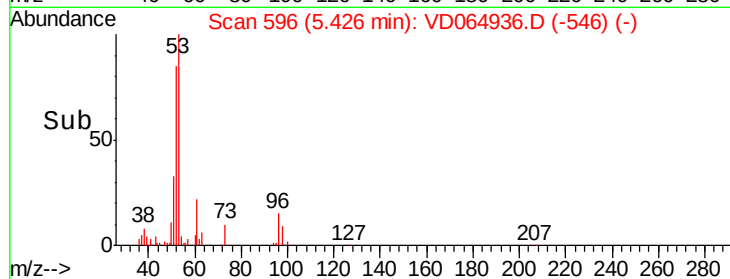
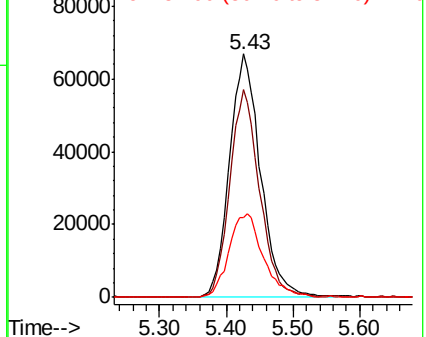
53 100

52 81.7 66.7 100.1

51 38.0 31.1 46.7



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: 223.941 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064936.D

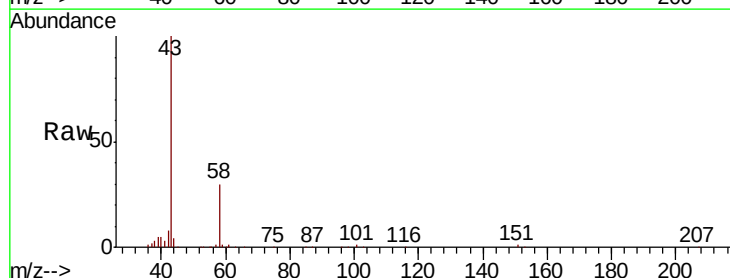
Acq: 24 Jan 2020 10:10

Tgt Ion: 43 Resp: 246458

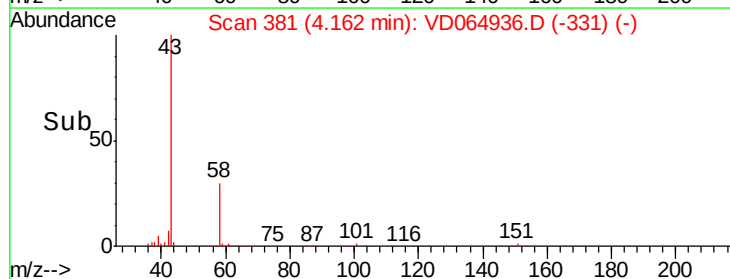
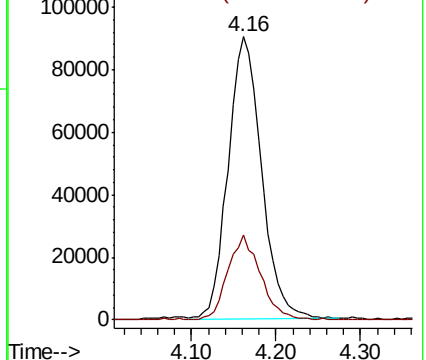
Ion Ratio Lower Upper

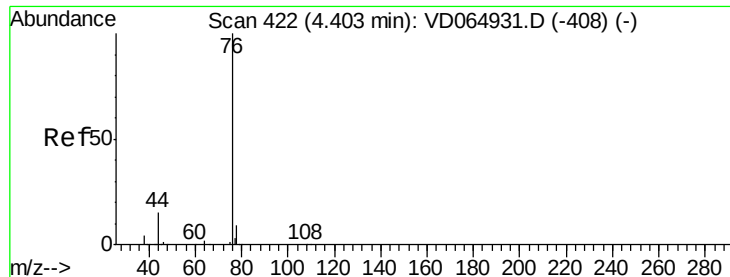
43 100

58 29.8 23.8 35.8



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

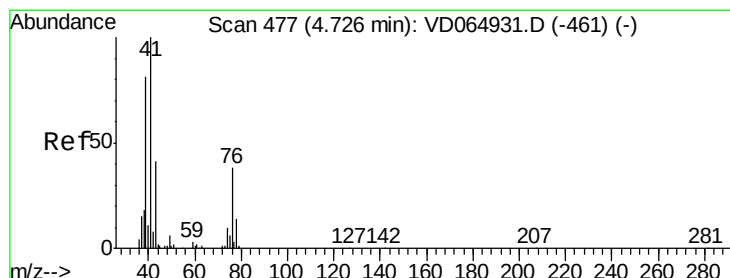
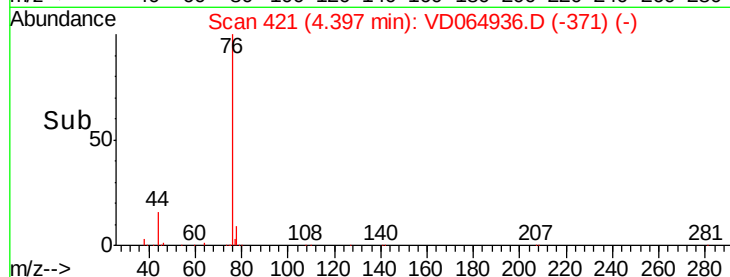
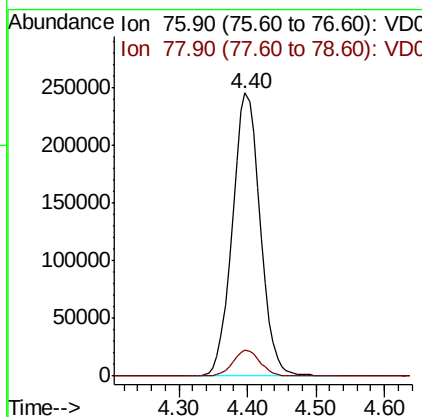
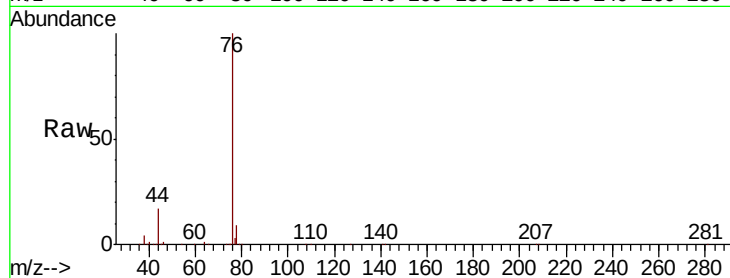




#17
Carbon Disulfide
Concen: 50.388 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

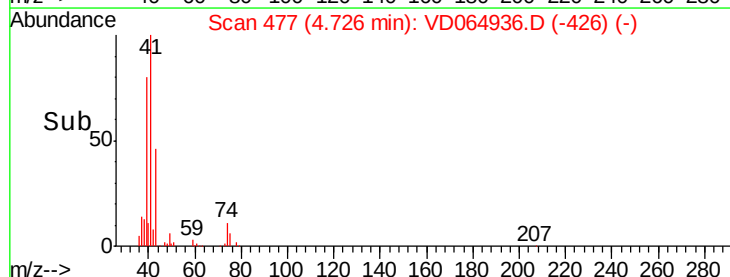
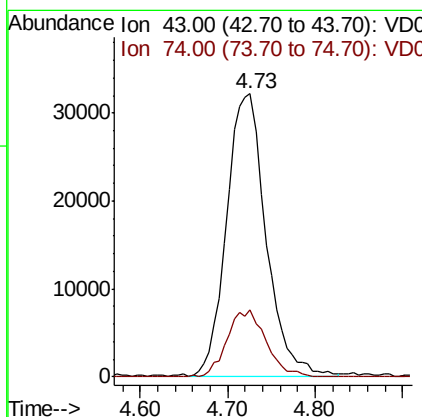
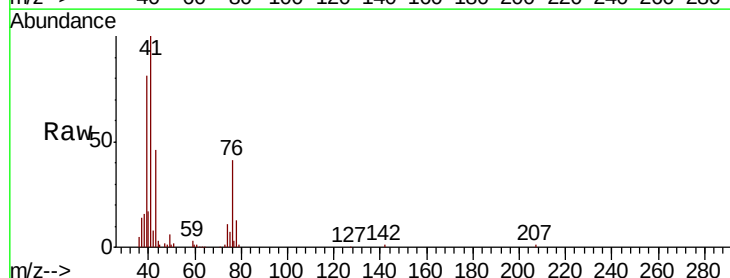
Instrument :
MSVOA_D
ClientSampled :

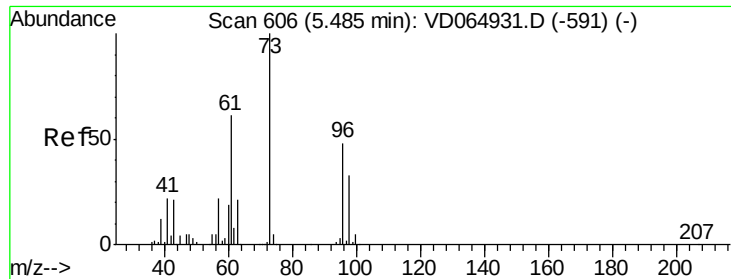
Tot Ion: 76 Resp: 691065
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 46.123 ug/l
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 43 Resp: 99194
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7

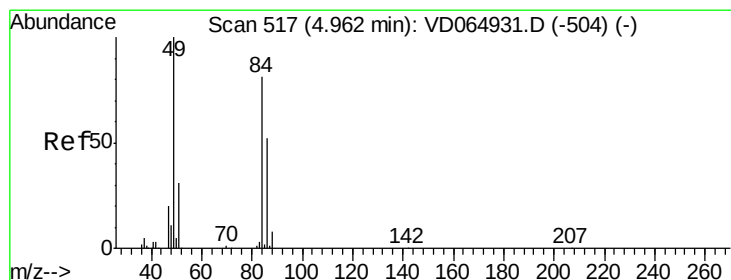
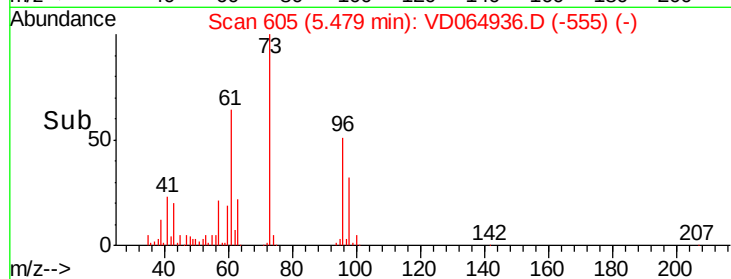
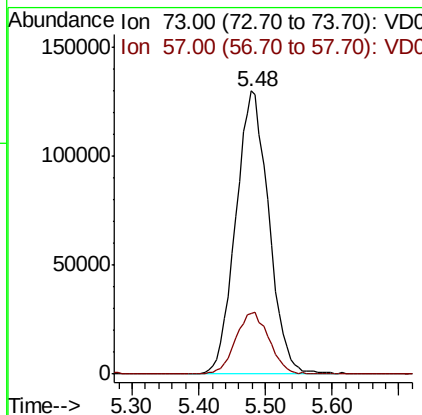
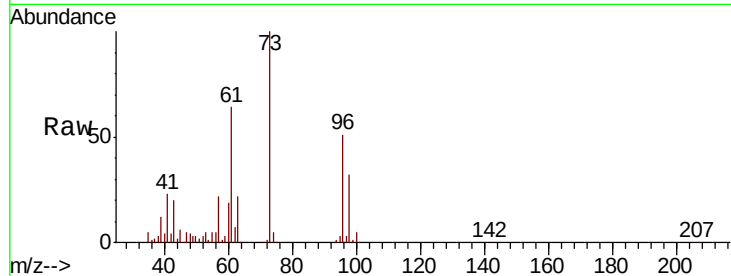




#19
Methyl tert-butyl Ether
Concen: 47.669 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

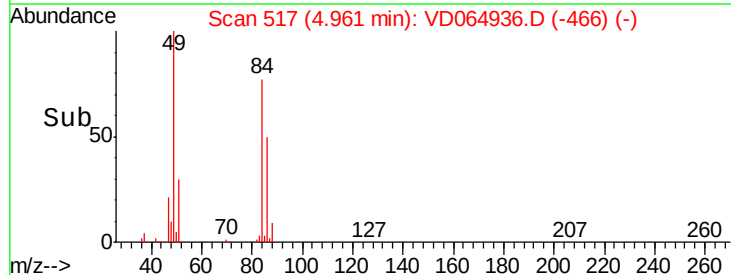
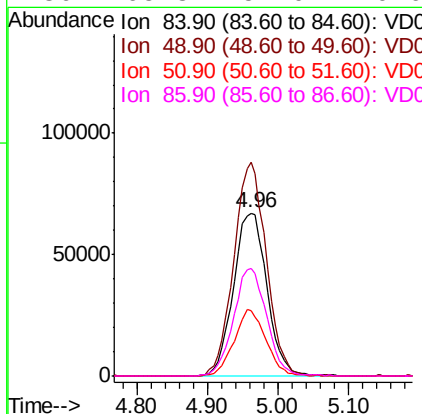
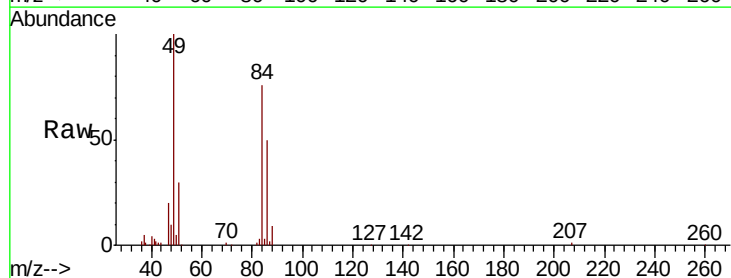
Instrument :
MSVOA_D
ClientSampleID :

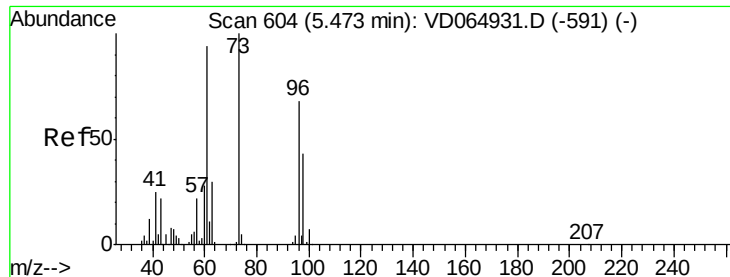
Tot Ion: 73 Resp: 443859
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9



#20
Methylene Chloride
Concen: 49.723 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 84 Resp: 222193
Ion Ratio Lower Upper
84 100
49 131.0 98.4 147.6
51 39.7 30.8 46.2
86 65.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.500 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :
MSVOA_D
ClientSampled :

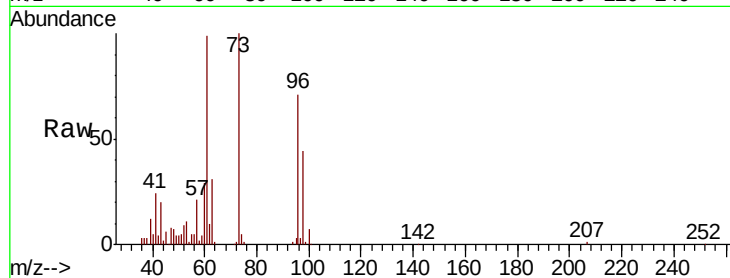
Tot Ion: 96 Resp: 237656

Ion Ratio Lower Upper

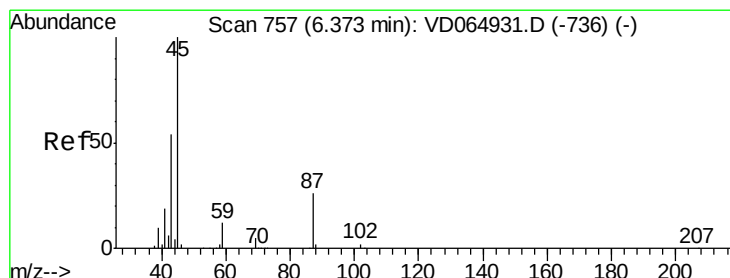
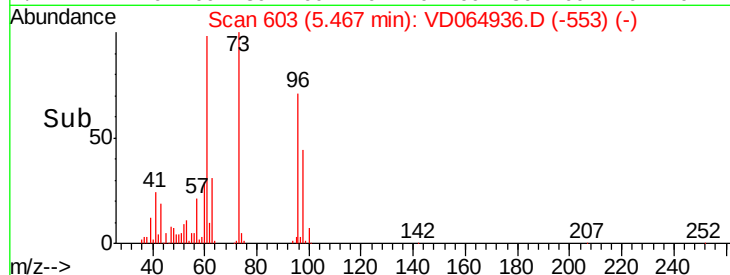
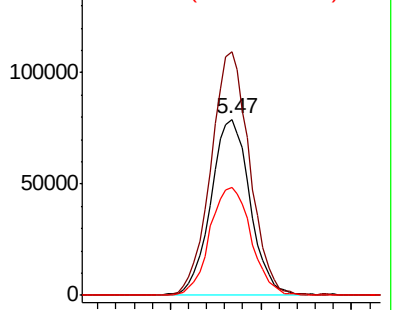
96 100

61 138.3 110.4 165.6

98 61.1 50.5 75.7



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: 49.432 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Tgt Ion: 45 Resp: 654755

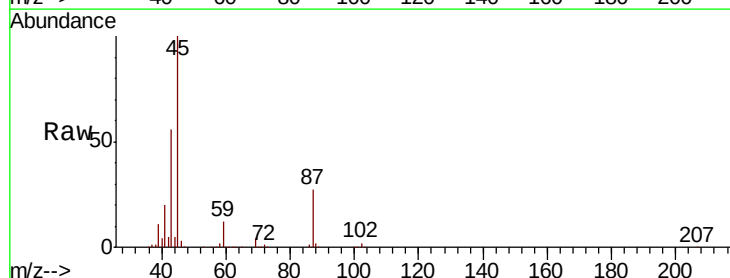
Ion Ratio Lower Upper

45 100

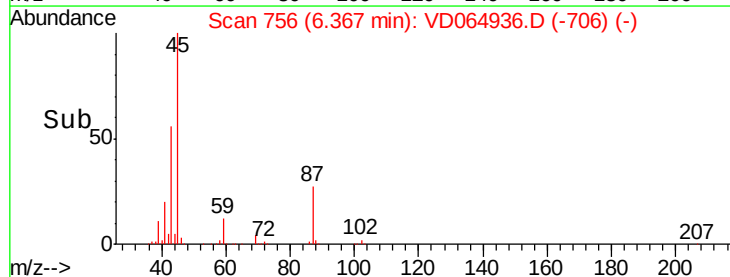
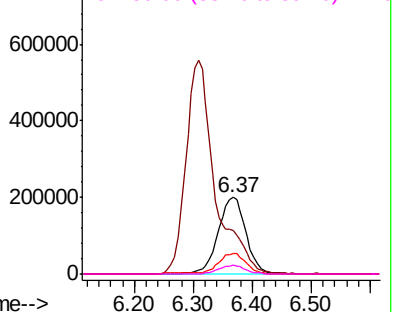
43 56.0 43.1 64.7

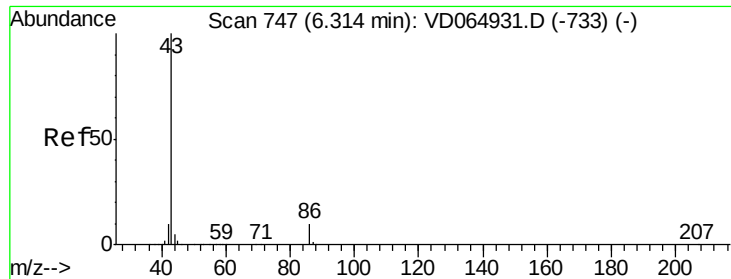
87 27.2 21.4 32.2

59 11.6 9.5 14.3



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: 245.392 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

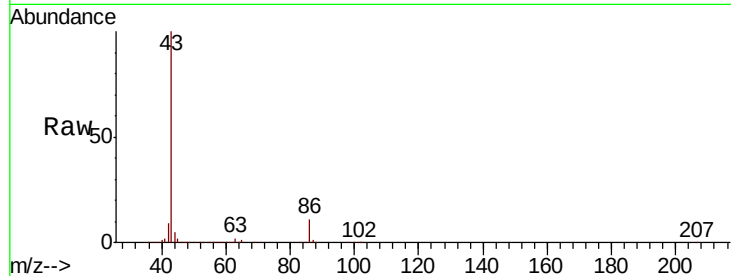
ClientSampled :

Tot Ion: 43 Resp: 1903050

Ion Ratio Lower Upper

43 100

86 10.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

600000

500000

400000

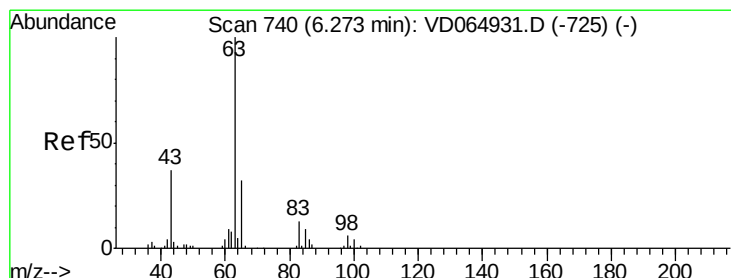
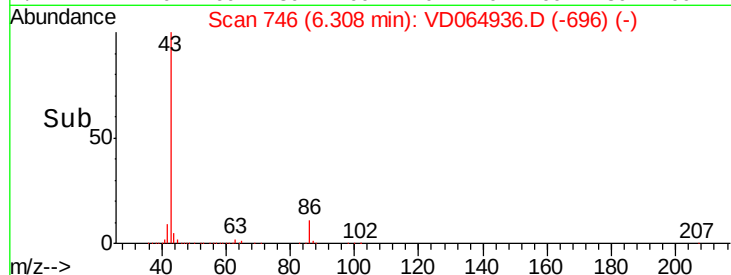
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 48.971 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

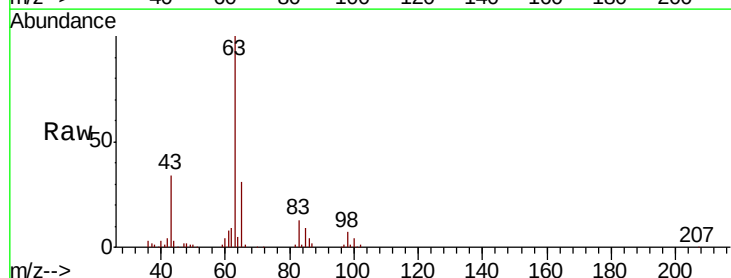
Tgt Ion: 63 Resp: 398257

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

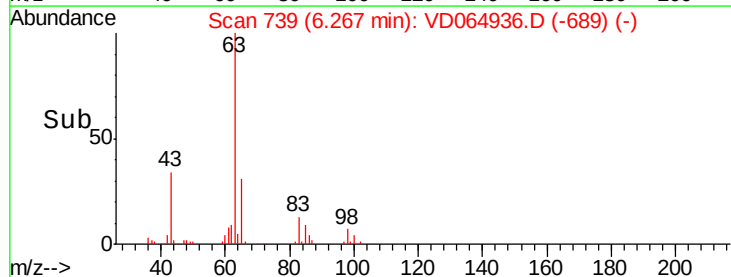
150000

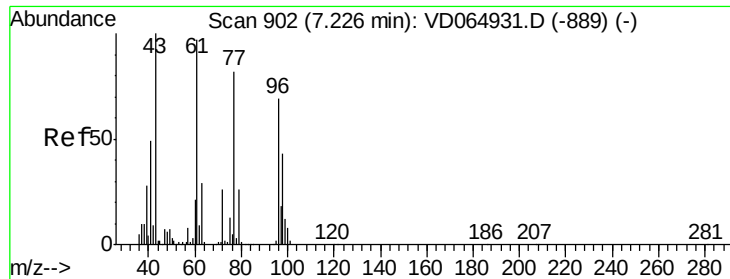
100000

50000

0

Time--> 6.10 6.20 6.30 6.40

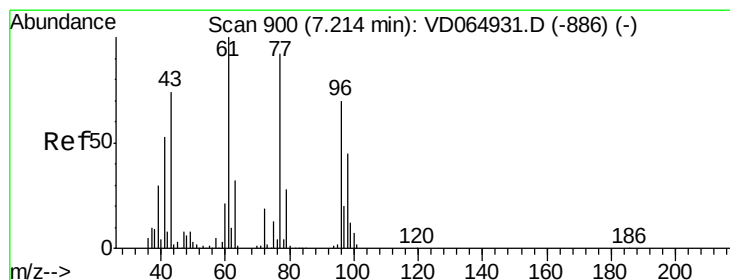
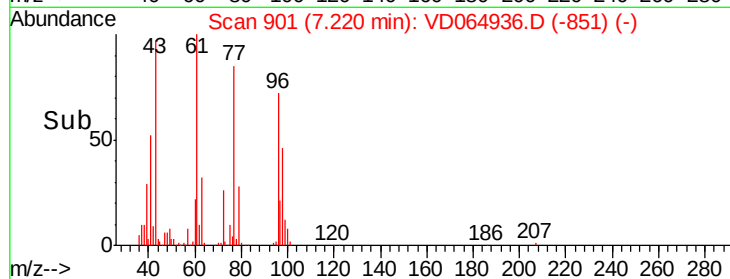
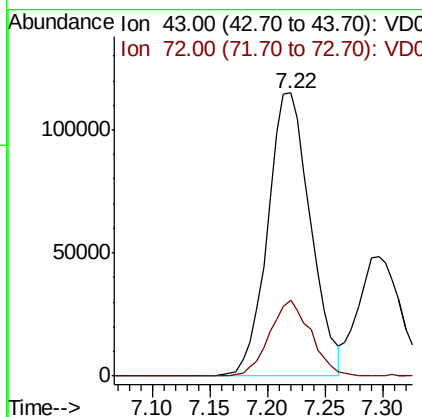
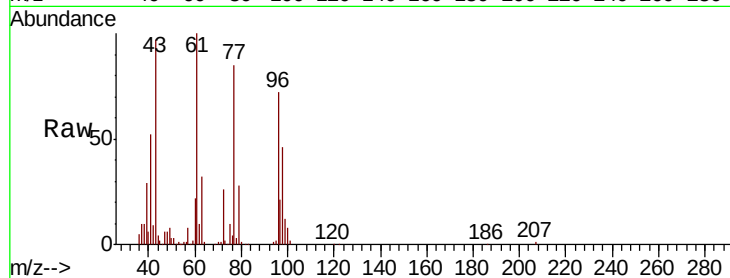




#25
2-Butanone
Concen: 239.337 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

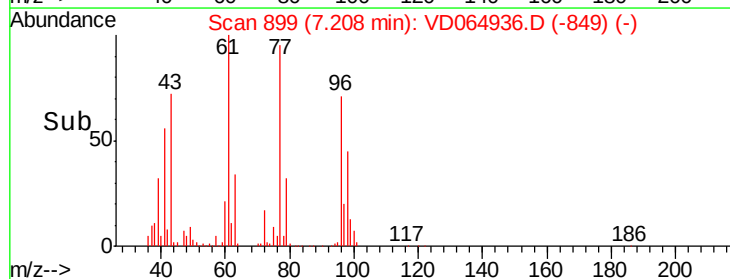
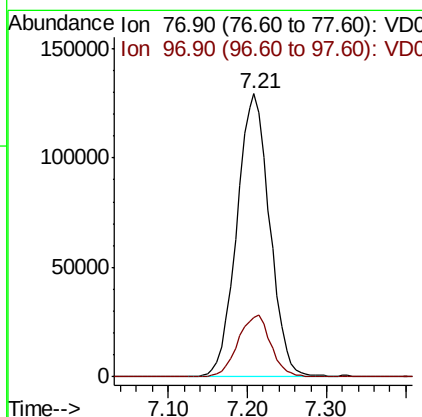
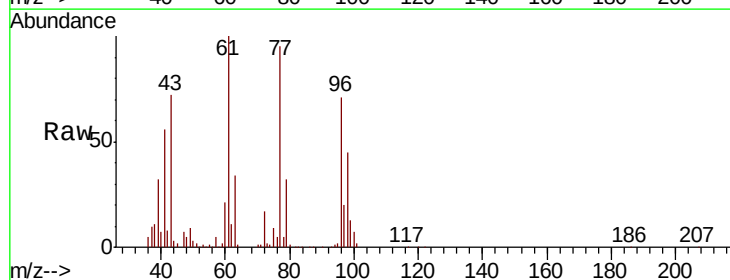
Instrument :
MSVOA_D
ClientSampleId :

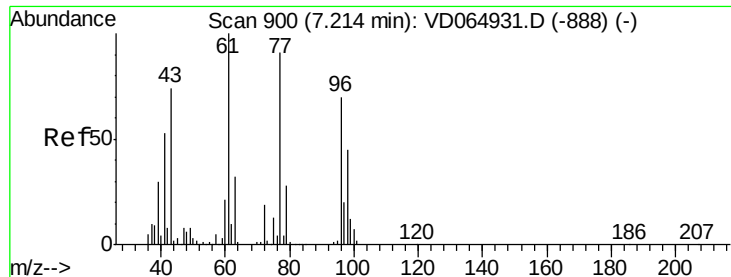
Tot Ion: 43 Resp: 296923
Ion Ratio Lower Upper
43 100
72 26.7 20.6 31.0



#26
2,2-Dichloropropane
Concen: 50.345 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 77 Resp: 371378
Ion Ratio Lower Upper
77 100
97 21.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 49.261 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :
MSVOA_D
ClientSampleId :

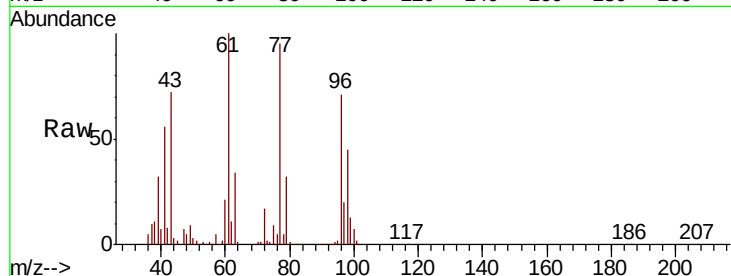
Tot Ion: 96 Resp: 252438

Ion Ratio Lower Upper

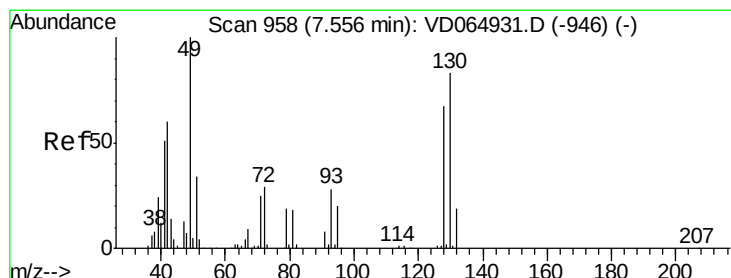
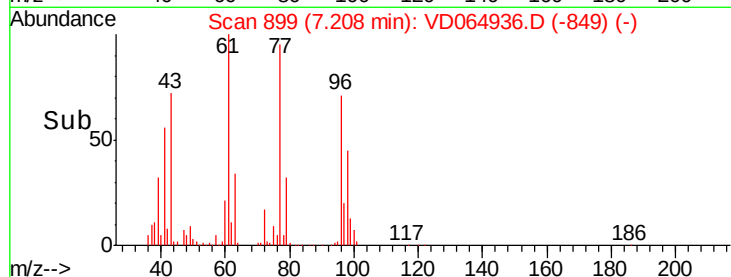
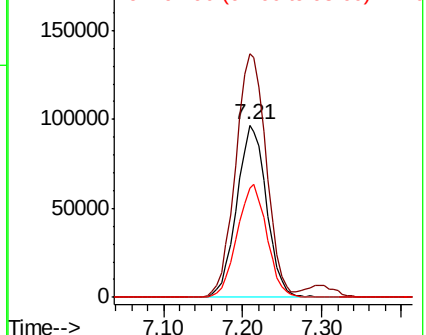
96 100

61 145.9 0.0 292.8

98 65.5 0.0 130.0



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



#28

Bromochloromethane

Concen: 49.463 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

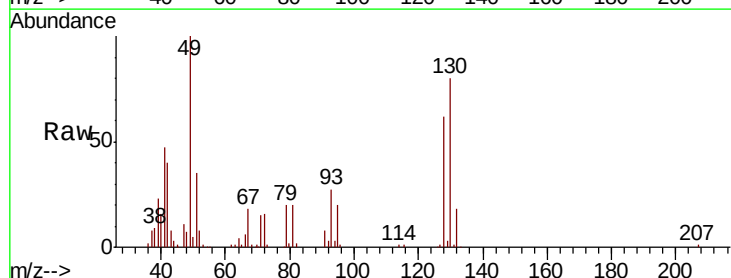
Tgt Ion: 49 Resp: 160876

Ion Ratio Lower Upper

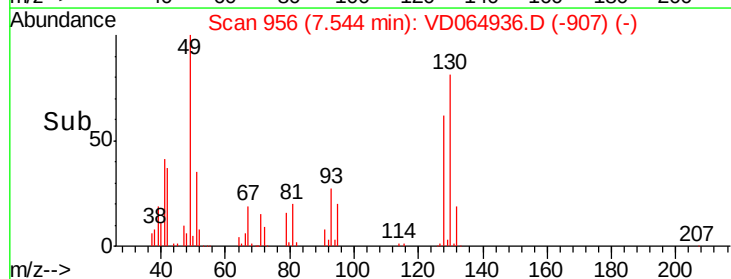
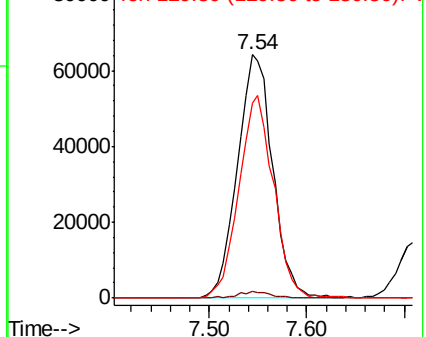
49 100

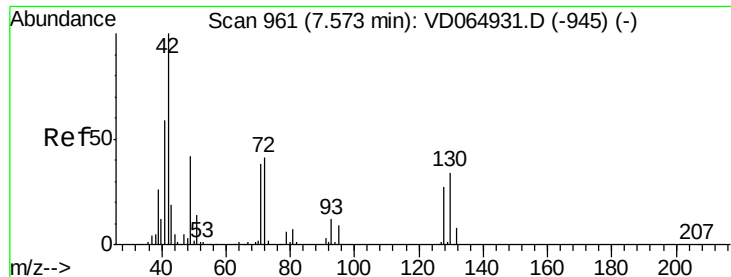
129 2.4 0.0 4.4

130 81.8 63.8 95.8



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

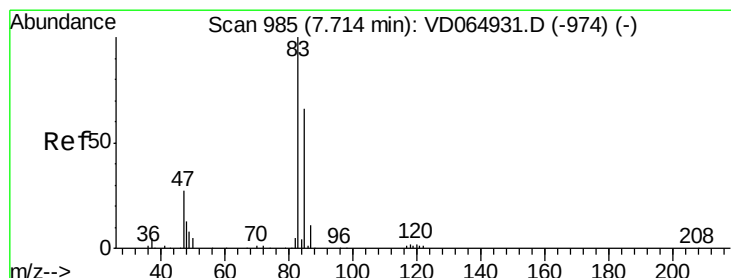
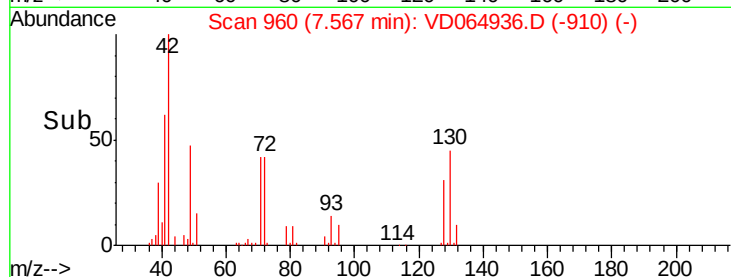
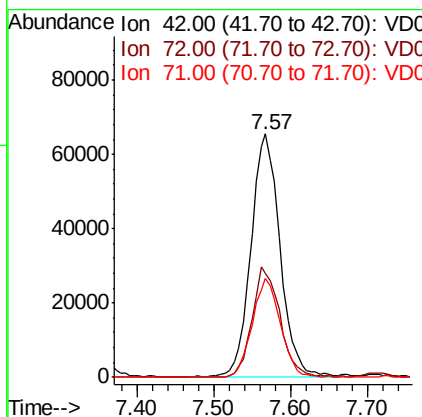
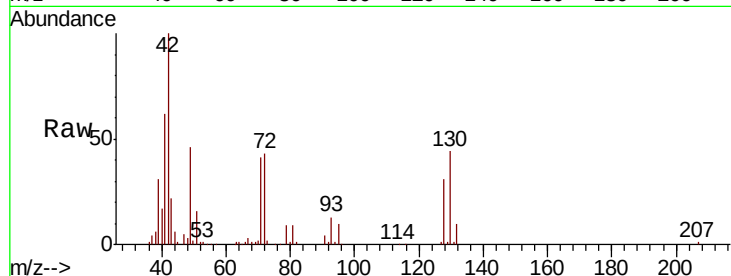




#29
Tetrahydrofuran
Concen: 227.476 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

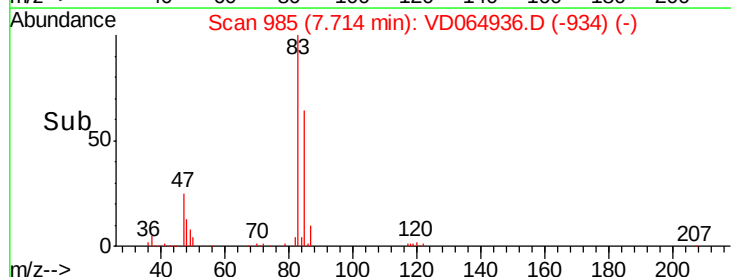
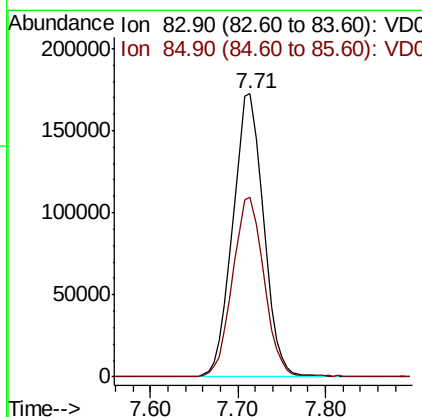
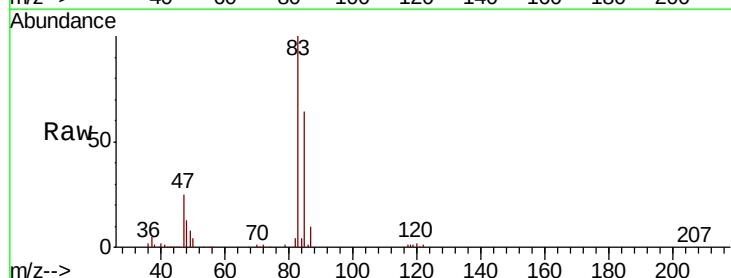
Instrument :
MSVOA_D
ClientSampled :

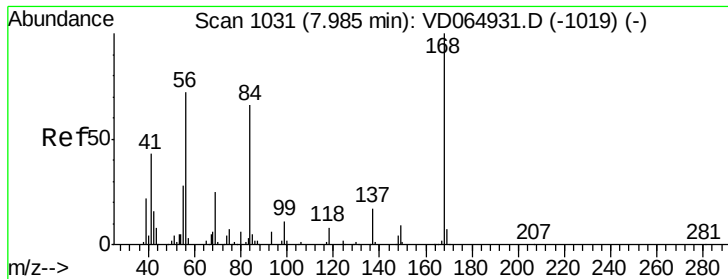
Tot Ion: 42 Resp: 174123
Ion Ratio Lower Upper
42 100
72 43.4 34.0 51.0
71 39.1 31.5 47.3



#30
Chloroform
Concen: 48.989 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 83 Resp: 411846
Ion Ratio Lower Upper
83 100
85 63.7 52.4 78.6

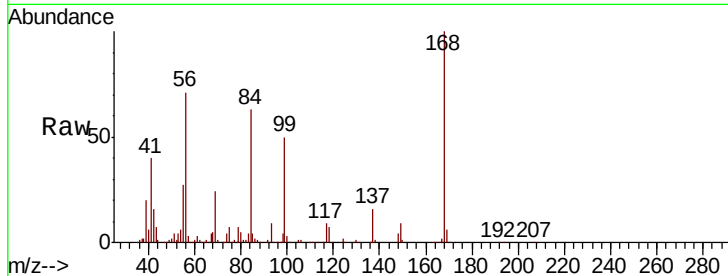




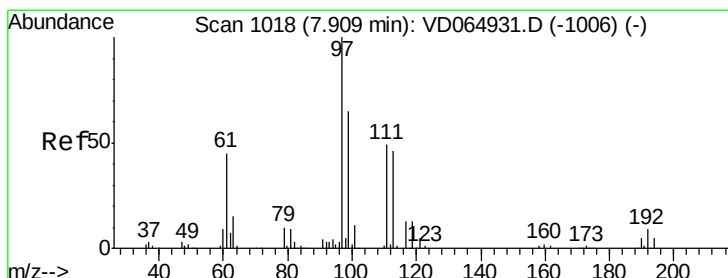
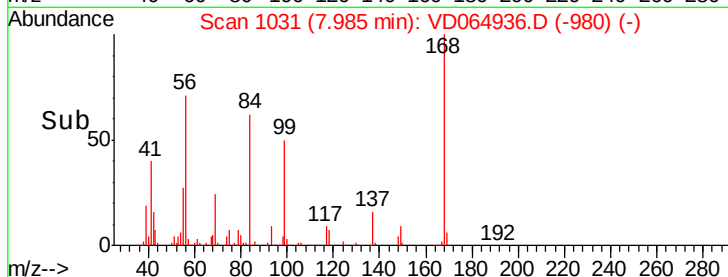
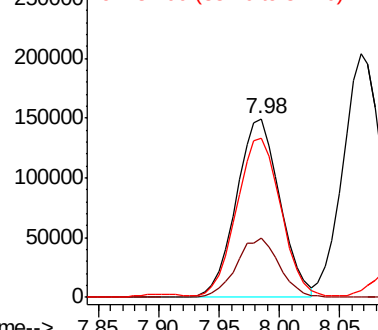
#31
Cyclohexane
Concen: 46.505 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 372060
Ion Ratio Lower Upper
56 100
69 33.4 27.9 41.9
84 87.6 72.8 109.2

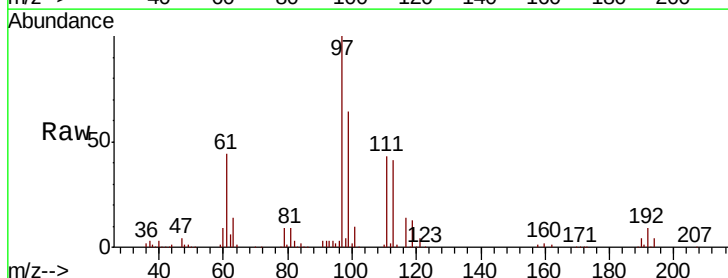


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

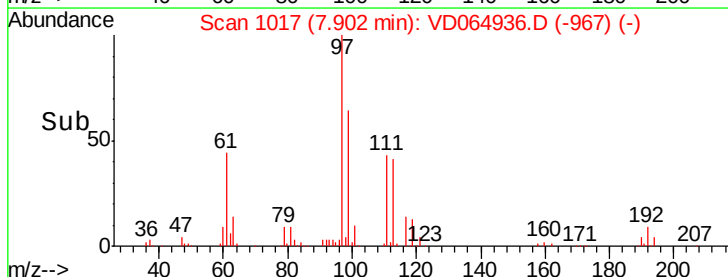
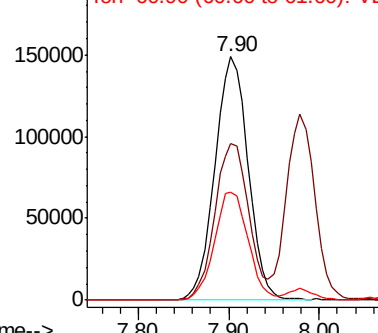


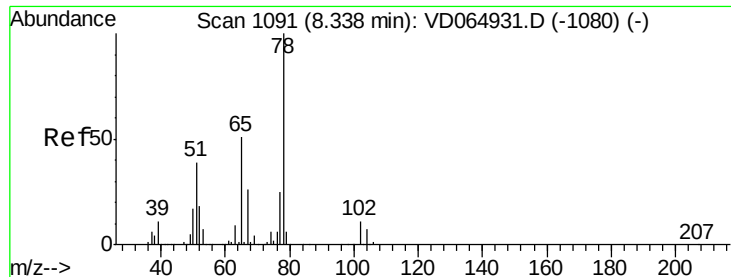
#32
1,1,1-Trichloroethane
Concen: 48.668 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 97 Resp: 380626
Ion Ratio Lower Upper
97 100
99 65.8 50.6 76.0
61 45.1 35.7 53.5



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

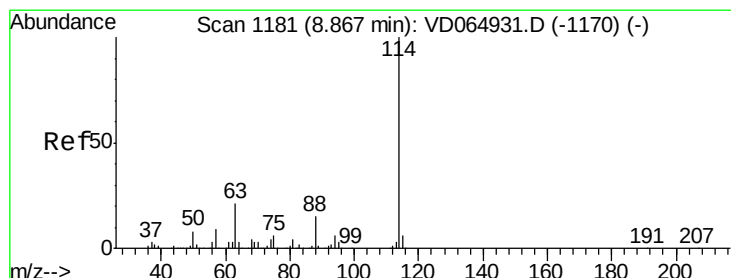
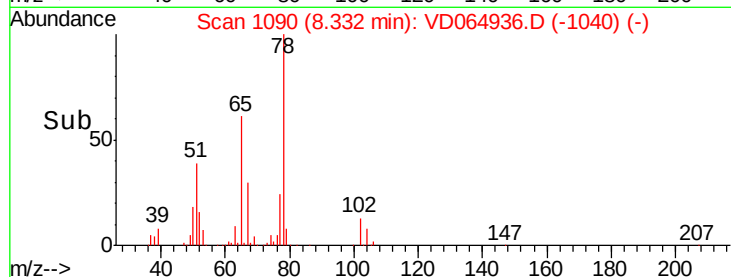
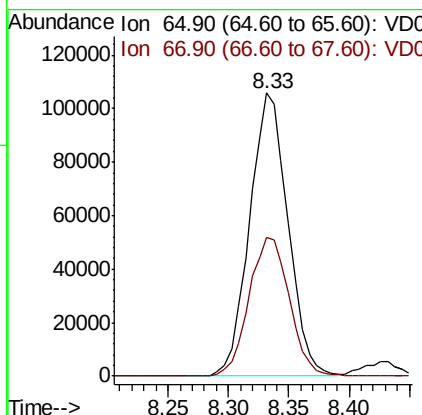
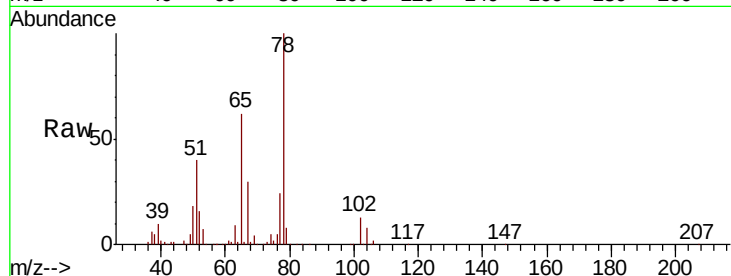




#33
 1,2-Dichloroethane-d4
 Concen: 50.688 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

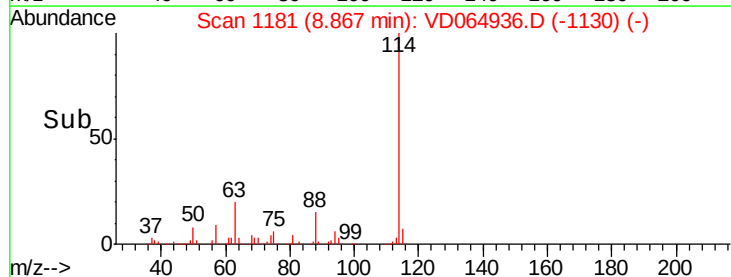
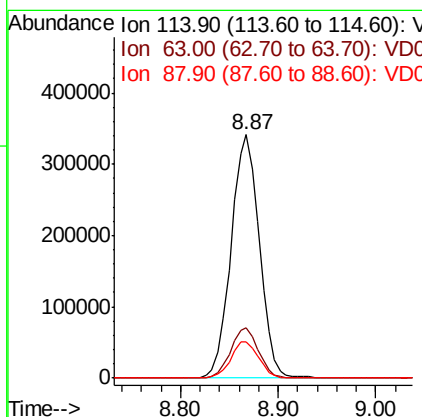
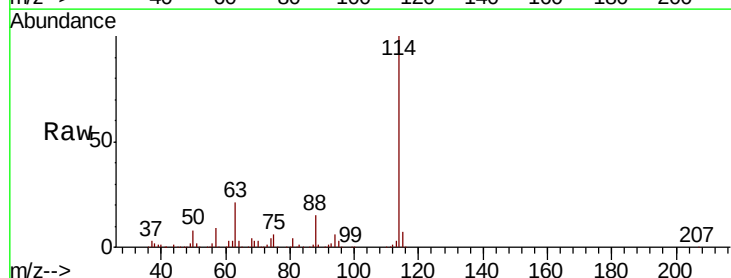
Instrument :
 MSVOA_D
 ClientSampleId :

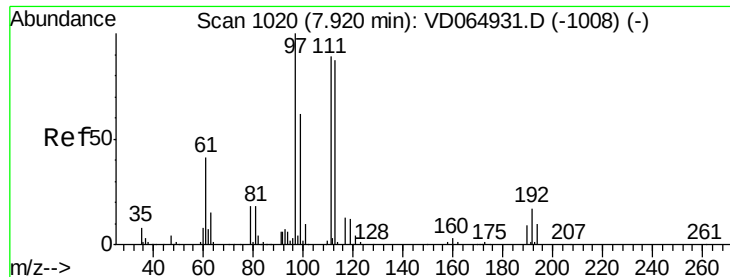
Tot Ion: 65 Resp: 232763
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion: 114 Resp: 688072
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.0
 88 14.7 0.0 29.4

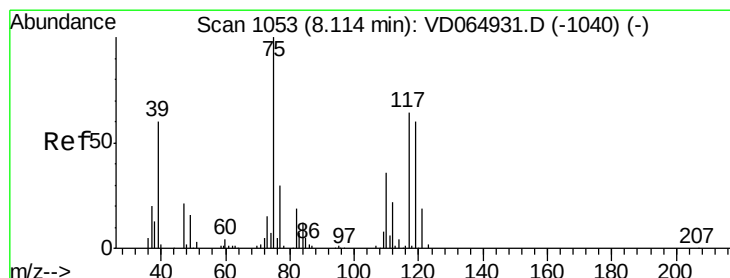
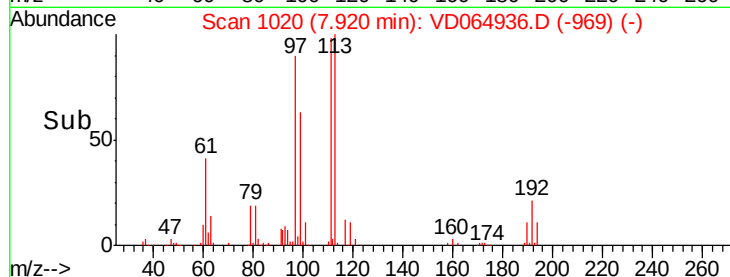
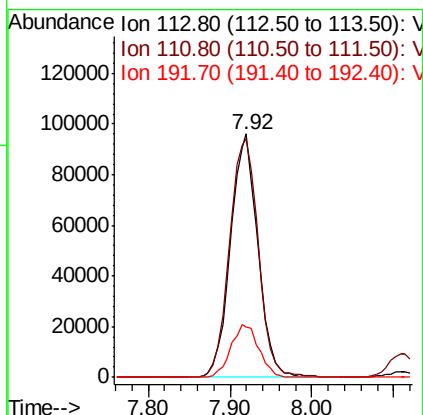
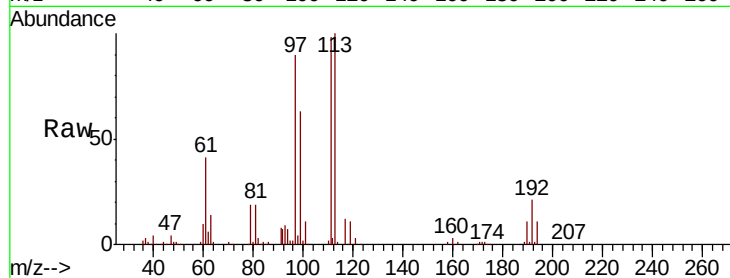




#35
 Dibromofluoromethane
 Concen: 51.654 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

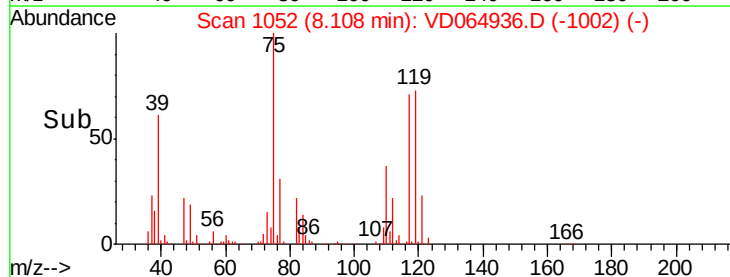
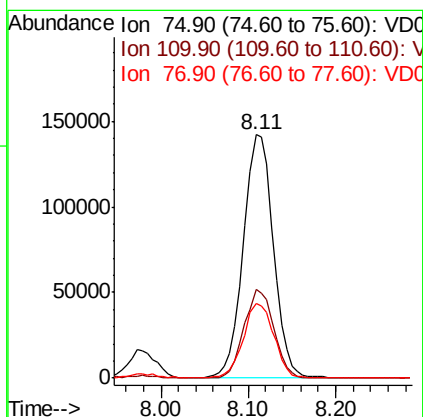
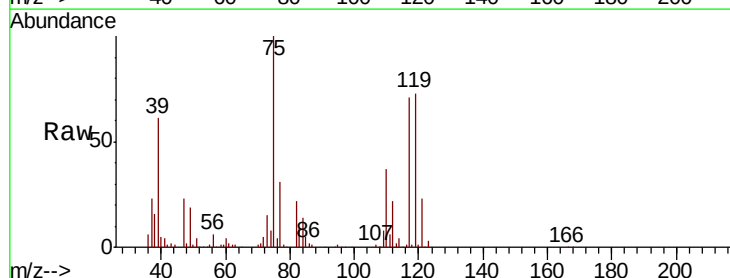
Instrument :
 MSVOA_D
 ClientSampleId :

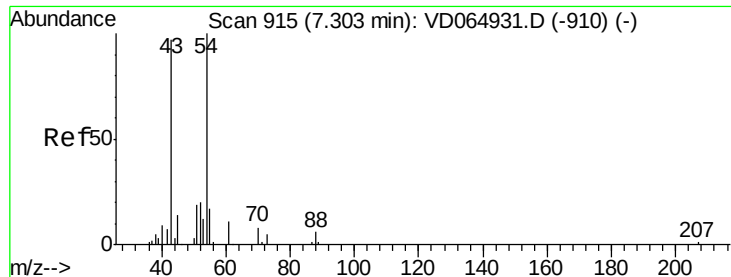
Tot Ion:113 Resp: 223348
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 22.2 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 49.751 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion: 75 Resp: 330095
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.3 52.0
 77 31.4 24.7 37.1

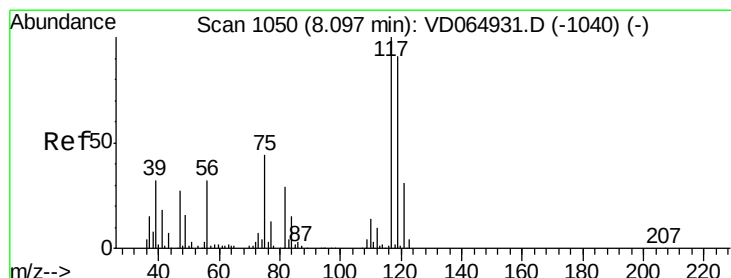
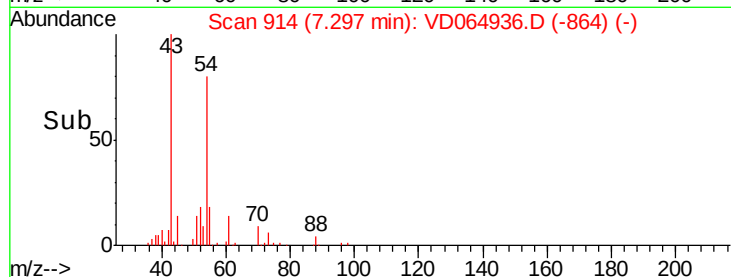
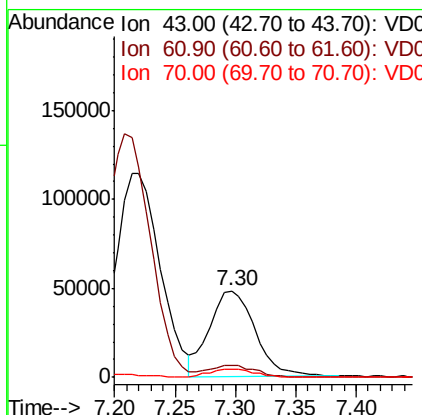
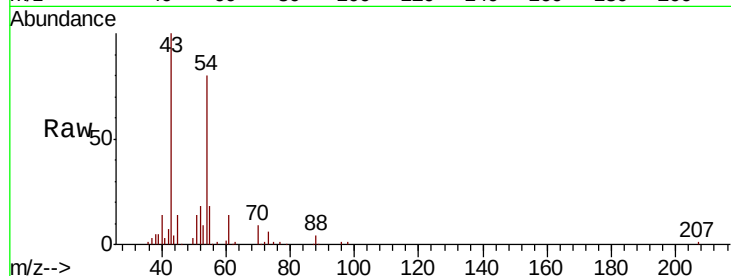




#37
Ethyl Acetate
Concen: 45.973 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

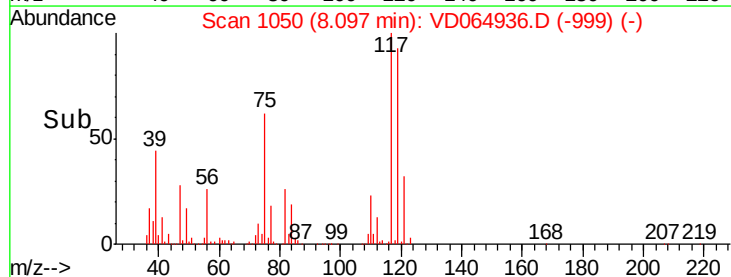
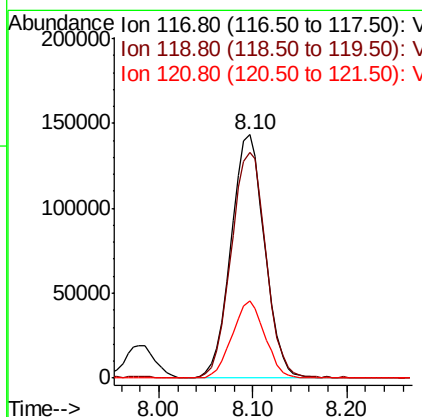
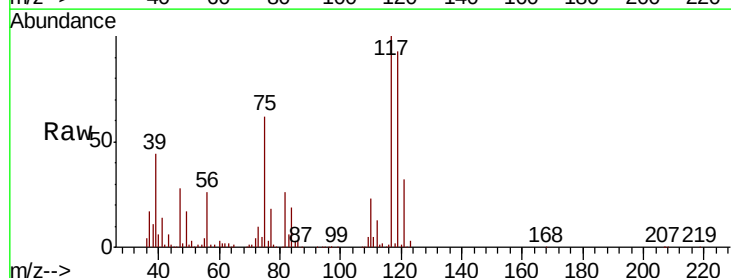
Instrument :
MSVOA_D
ClientSampleId :

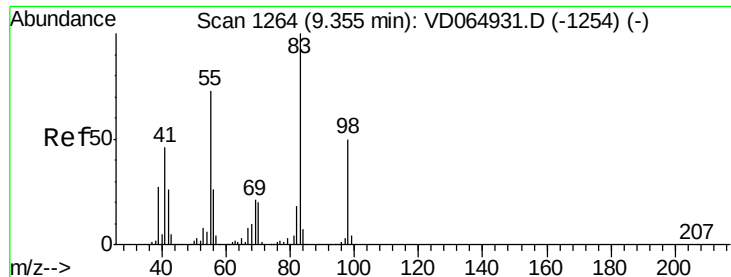
Tot Ion: 43 Resp: 125994
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 9.5 7.5 11.3



#38
Carbon Tetrachloride
Concen: 50.659 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 117 Resp: 355268
Ion Ratio Lower Upper
117 100
119 93.1 73.2 109.8
121 31.8 24.4 36.6

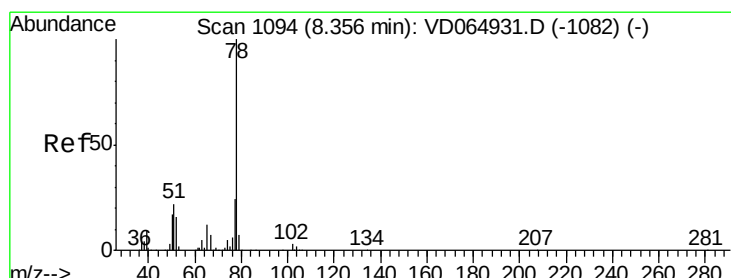
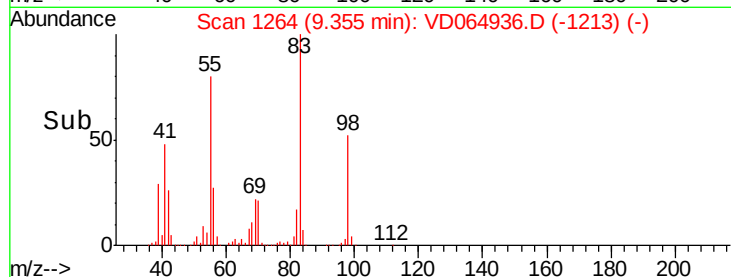
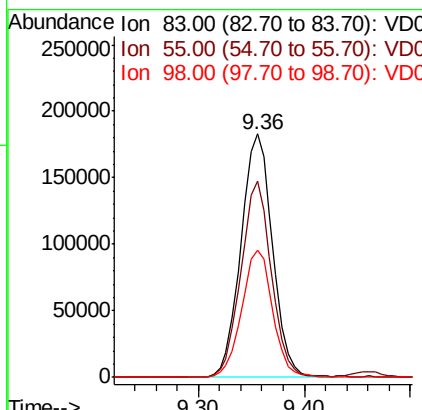
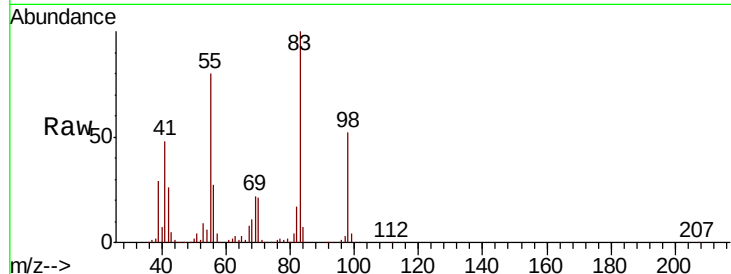




#39
Methylvlcyclohexane
Concen: 49.013 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

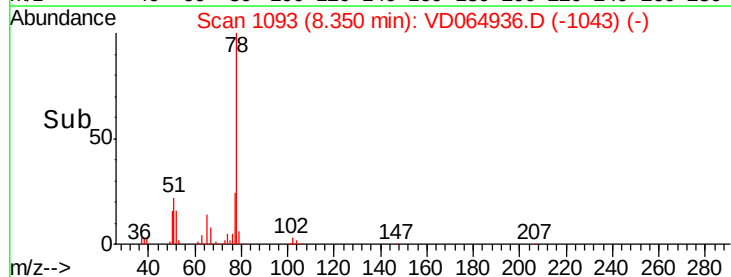
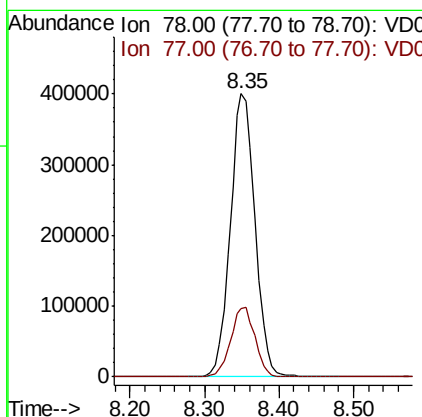
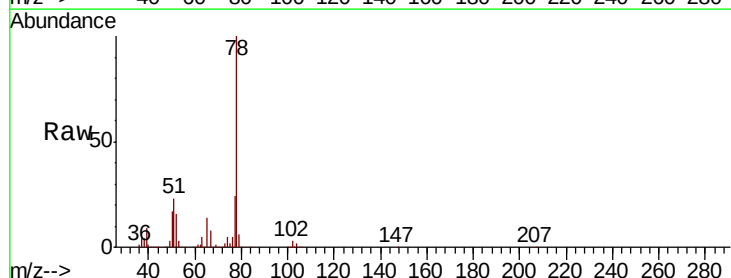
Instrument :
MSVOA_D
ClientSampled :

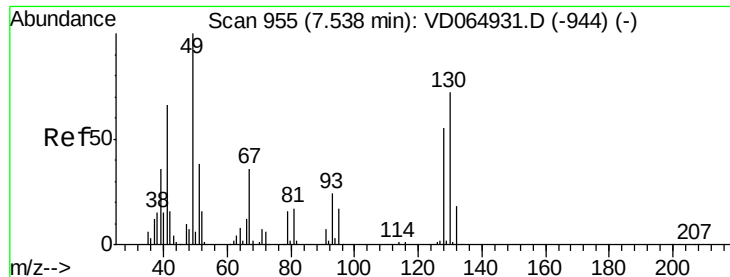
Tot Ion: 83 Resp: 380197
Ion Ratio Lower Upper
83 100
55 80.3 58.7 88.1
98 52.1 40.2 60.2



#40
Benzene
Concen: 50.287 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 78 Resp: 918932
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8





#41

Methacrylonitrile

Concen: 118.367 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.03 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 174752

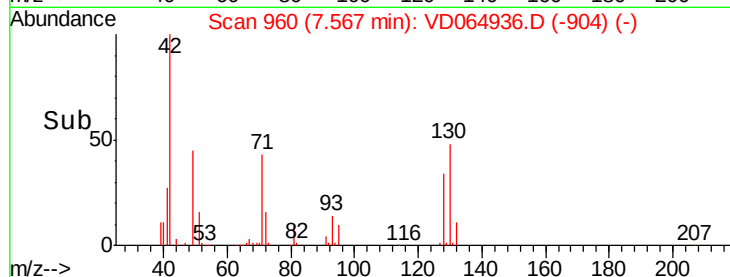
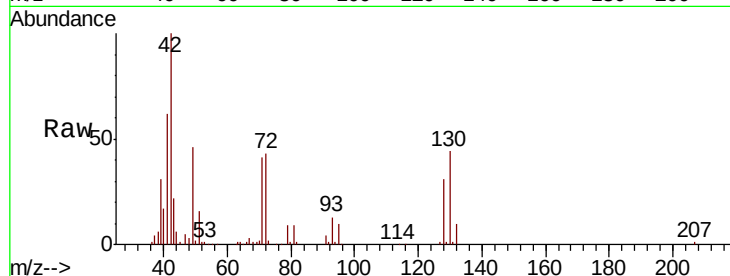
Ion Ratio Lower Upper

41 100

39 0.0 49.3 73.9#

67 0.0 51.0 76.6#

52 0.0 22.3 33.5#

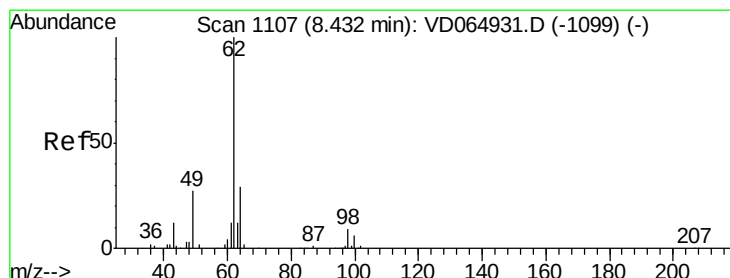
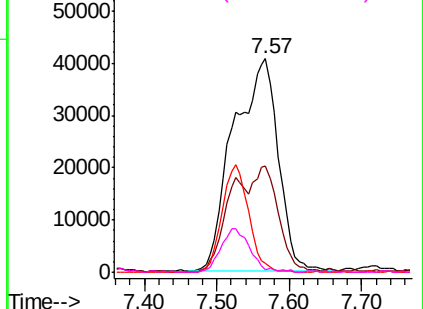


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 48.730 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD064936.D

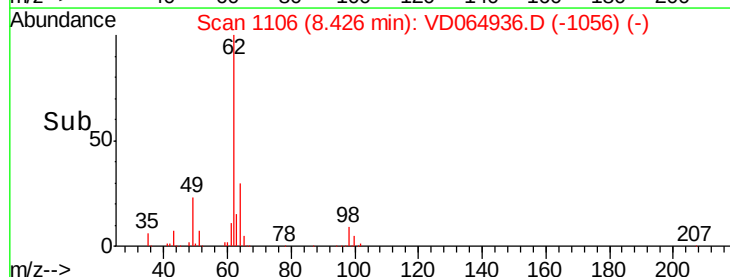
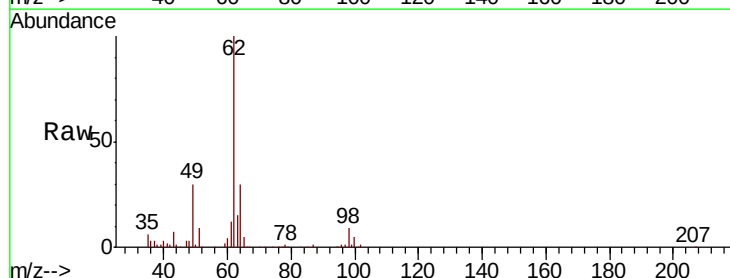
Acq: 24 Jan 2020 10:10

Tgt Ion: 62 Resp: 265256

Ion Ratio Lower Upper

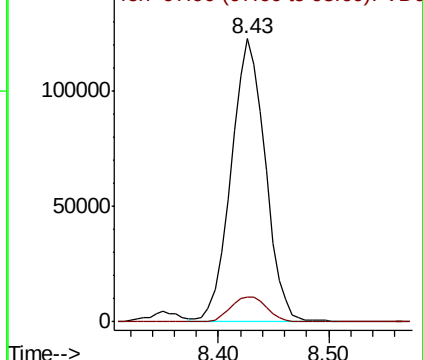
62 100

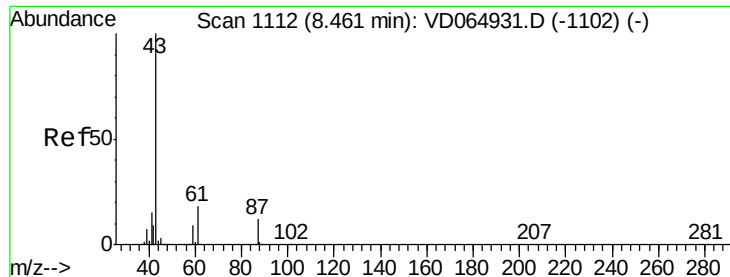
98 9.4 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 46.548 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

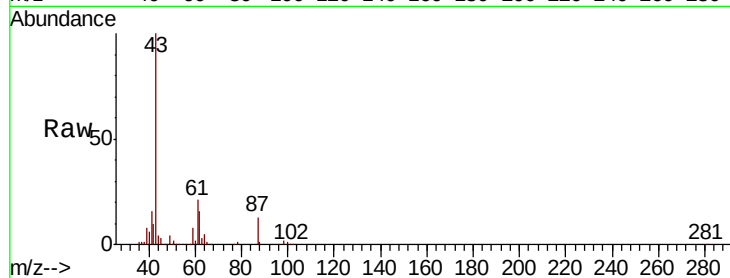
Tot Ion: 43 Resp: 242325

Ion Ratio Lower Upper

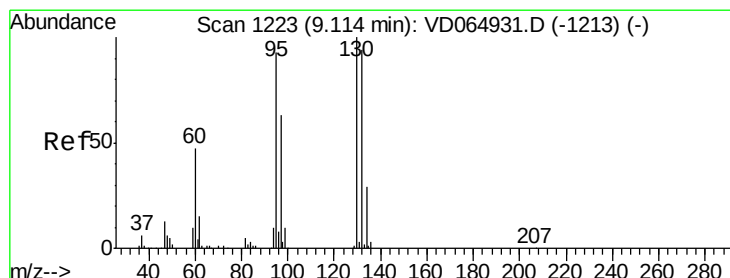
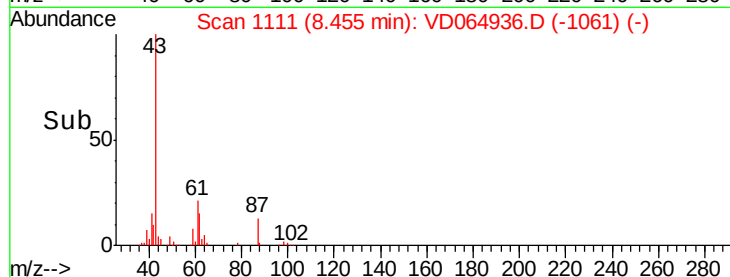
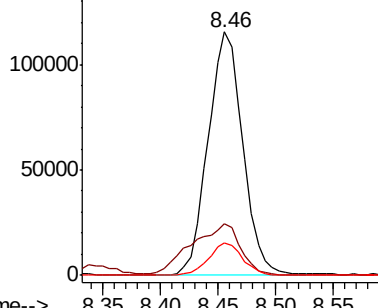
43 100

61 30.3 23.8 35.6

87 12.7 10.3 15.5



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: 50.417 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064936.D

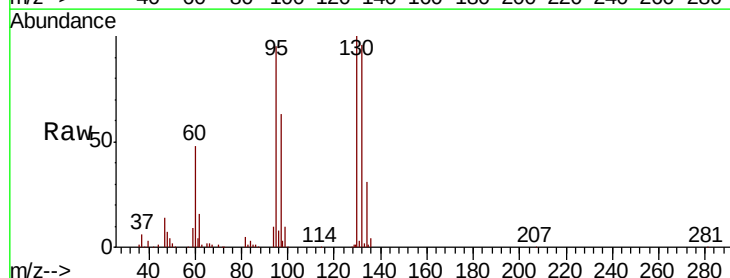
Acq: 24 Jan 2020 10:10

Tgt Ion:130 Resp: 257842

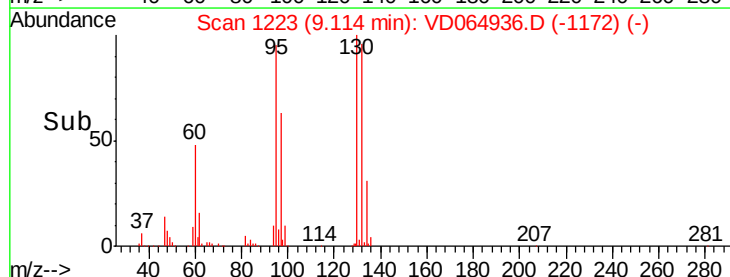
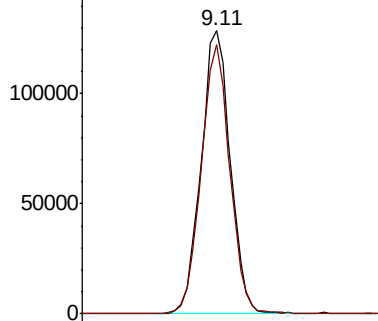
Ion Ratio Lower Upper

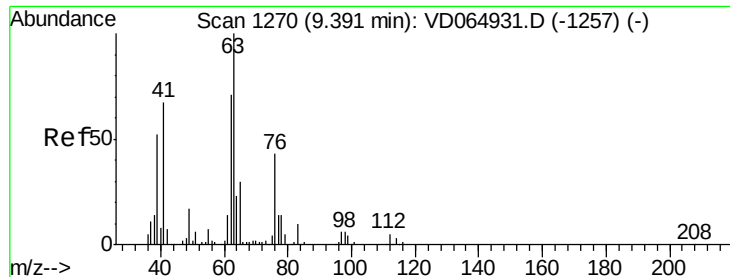
130 100

95 95.2 0.0 185.8



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

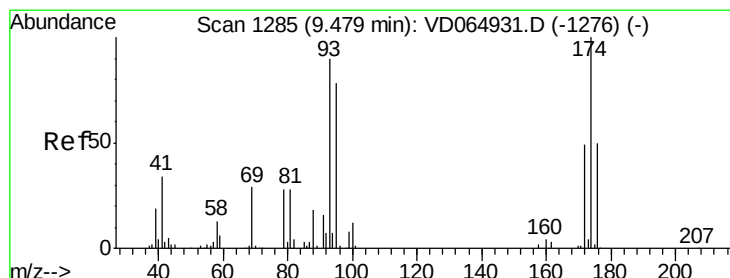
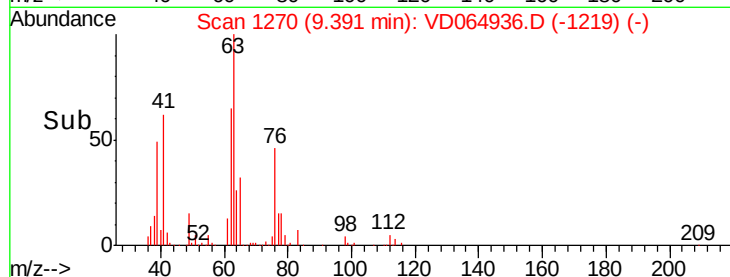
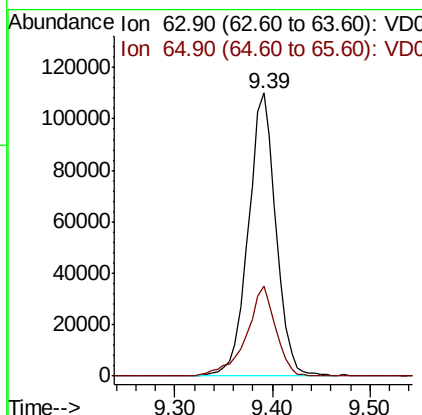
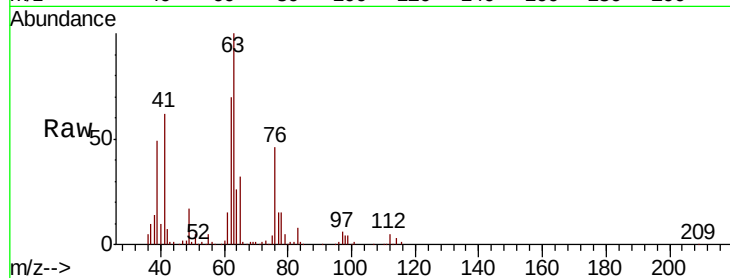




#45
 1,2-Dichloropropane
 Concen: 49.546 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

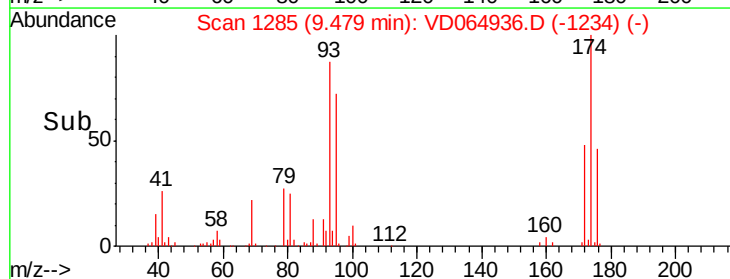
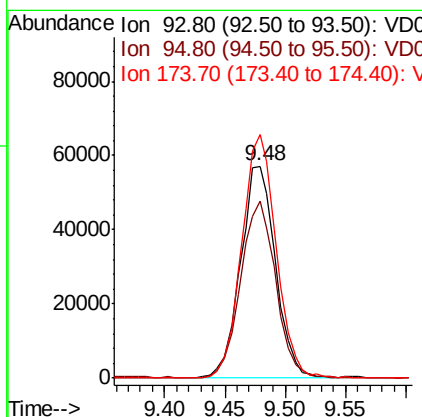
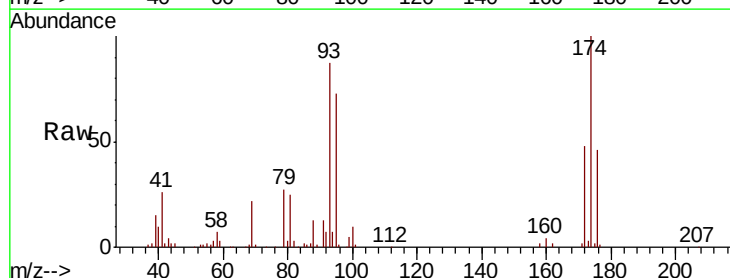
Instrument :
 MSVOA_D
 ClientSampleId :

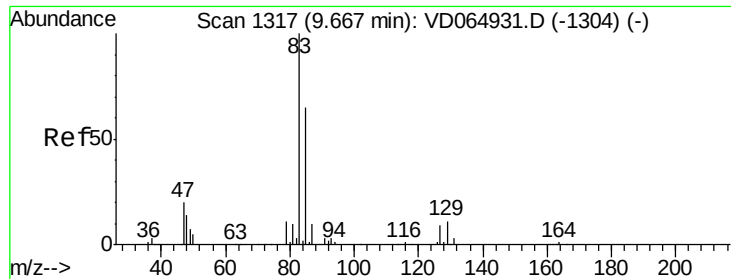
Tot Ion: 63 Resp: 219487
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.3 36.5



#46
 Dibromomethane
 Concen: 47.798 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion: 93 Resp: 115602
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.5 101.3
 174 113.0 88.4 132.6





#47

Bromodichloromethane

Concen: 50.144 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

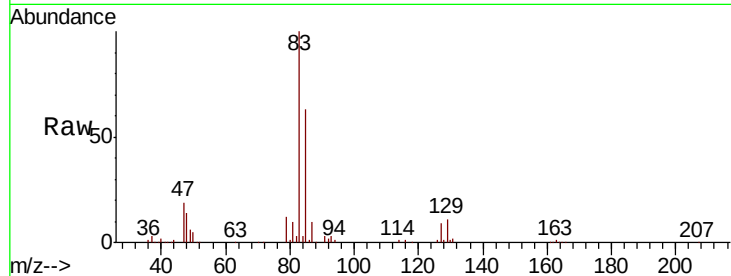
Tot Ion: 83 Resp: 315570

Ion Ratio Lower Upper

83 100

85 62.8 52.0 78.0

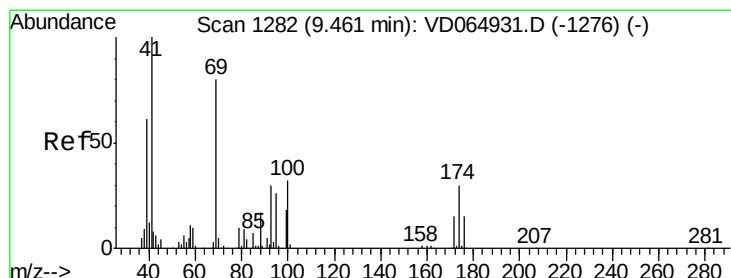
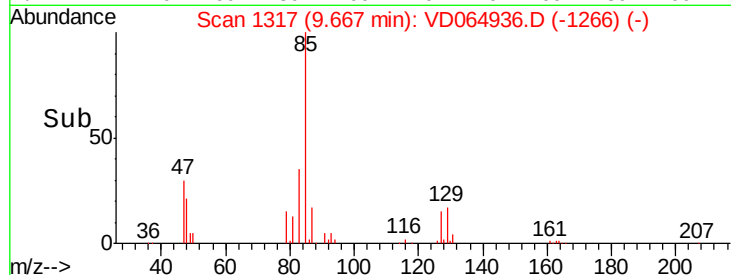
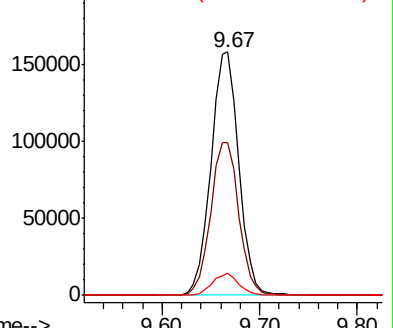
127 9.3 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 49.212 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

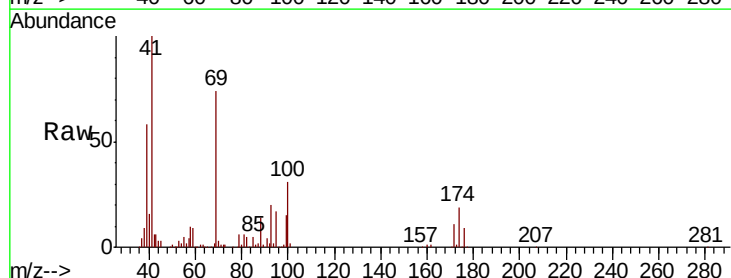
Tgt Ion: 41 Resp: 117897

Ion Ratio Lower Upper

41 100

69 81.8 65.8 98.8

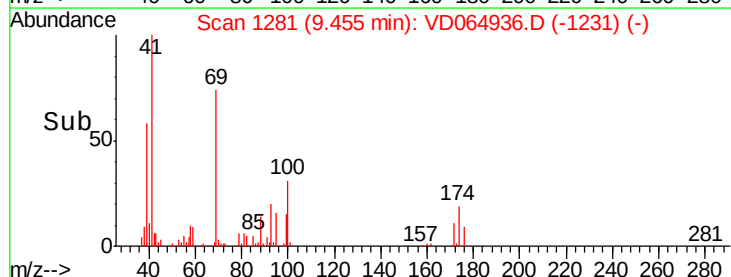
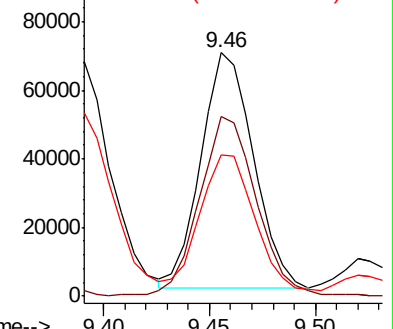
39 60.5 49.4 74.0

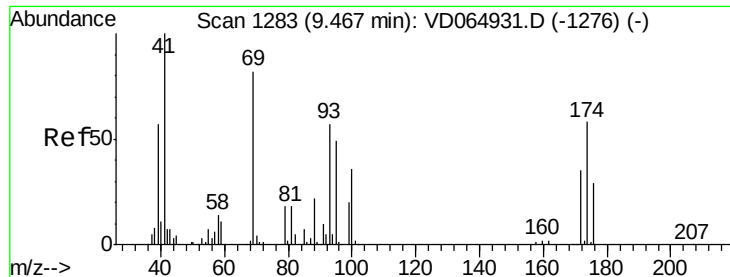


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 940.355 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

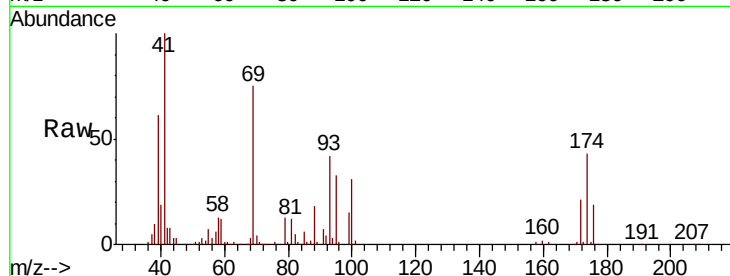
Tot Ion: 88 Resp: 26377

Ion Ratio Lower Upper

88 100

43 34.7 26.2 39.4

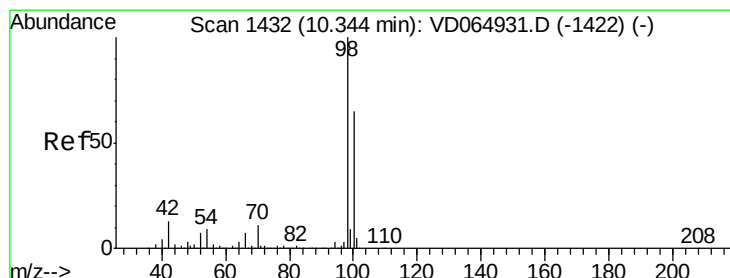
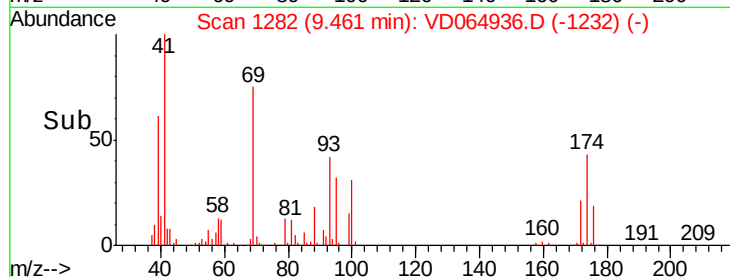
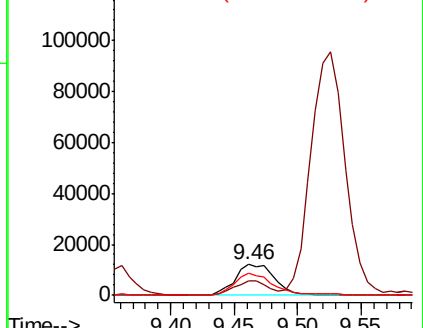
58 67.2 50.3 75.5



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 53.317 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064936.D

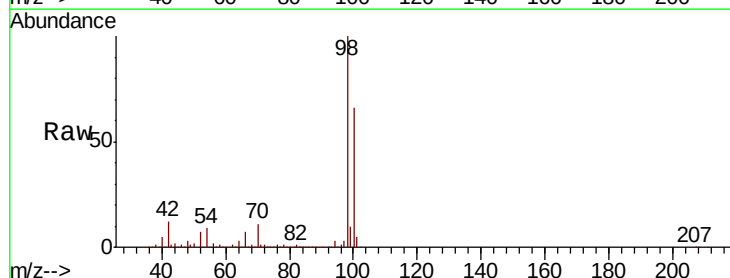
Acq: 24 Jan 2020 10:10

Tgt Ion: 98 Resp: 889802

Ion Ratio Lower Upper

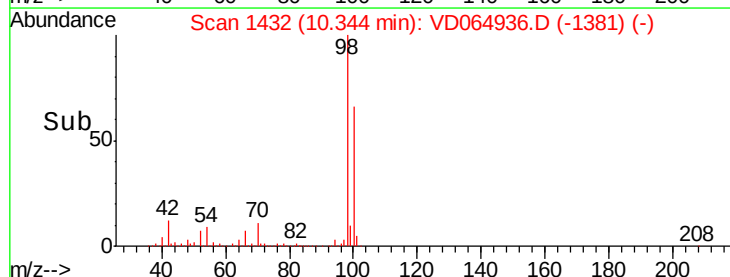
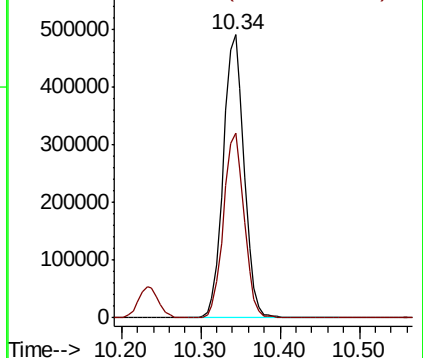
98 100

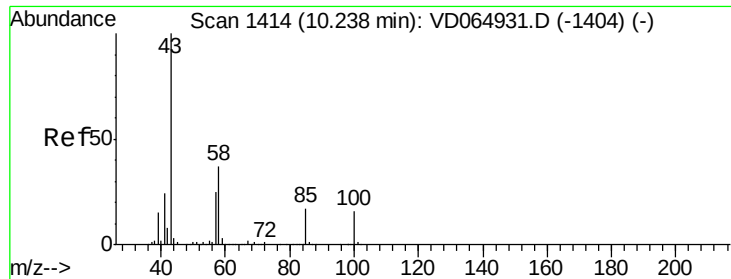
100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

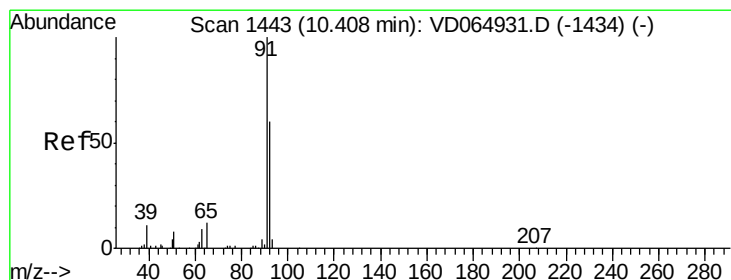
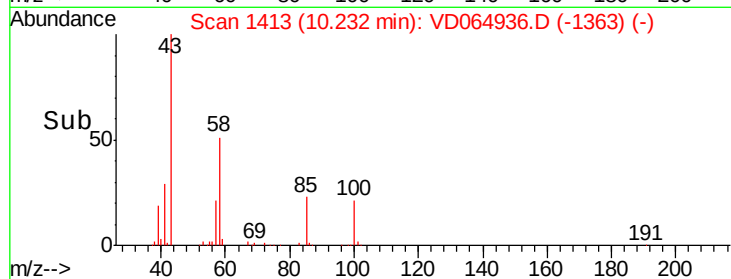
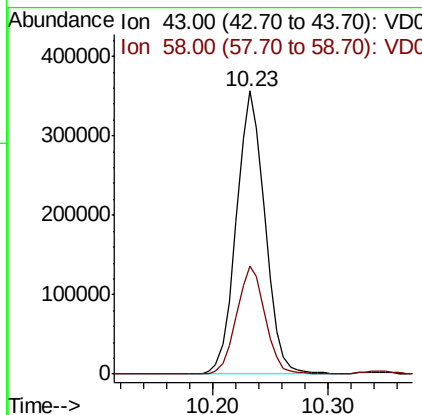
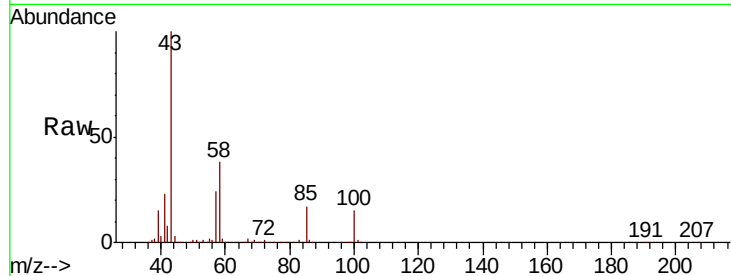




#51
 4-Methyl-2-Pentanone
 Concen: 234.308 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

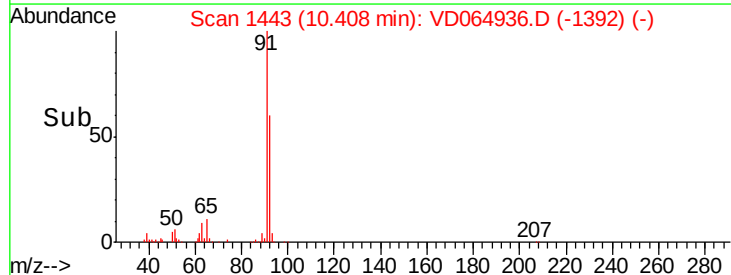
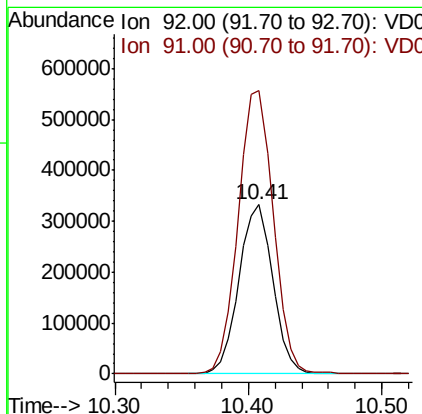
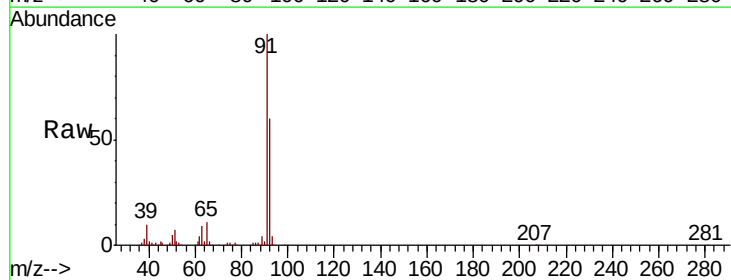
Instrument :
 MSVOA_D
 ClientSampled :

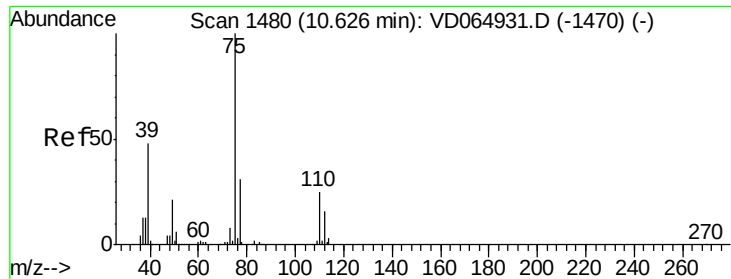
Tot Ion: 43 Resp: 610335
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.4 45.6



#52
 Toluene
 Concen: 49.687 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion: 92 Resp: 585382
 Ion Ratio Lower Upper
 92 100
 91 174.0 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 49.618 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

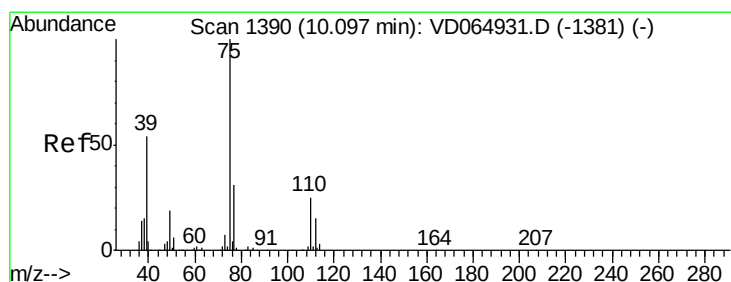
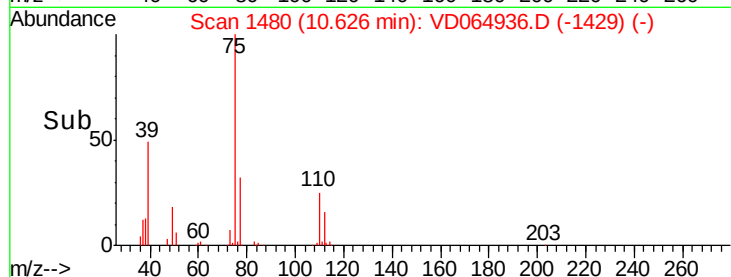
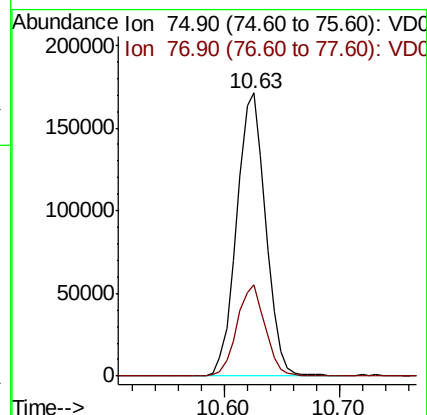
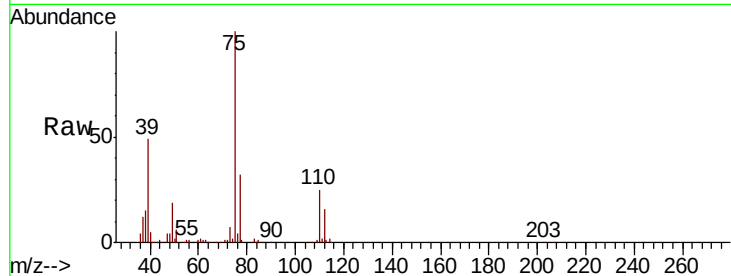
ClientSampleId :

Tot Ion: 75 Resp: 297447

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 49.769 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

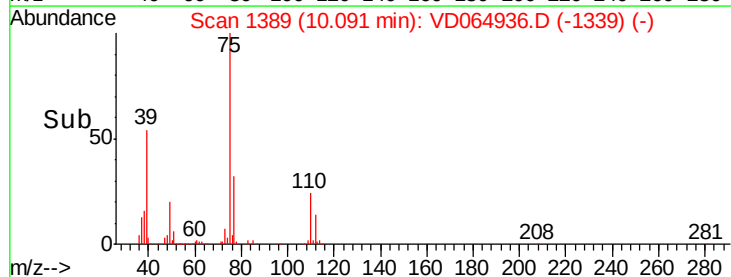
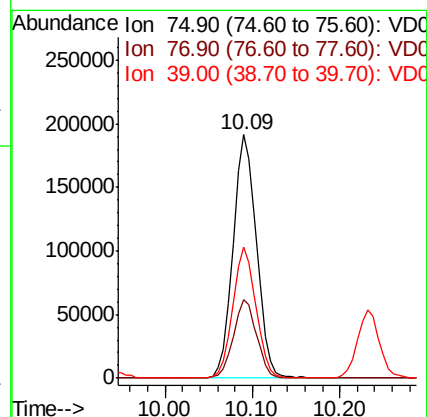
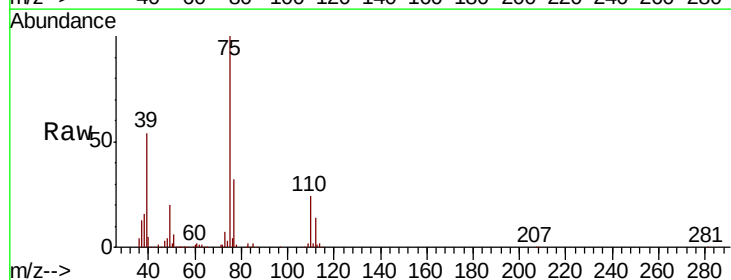
Tgt Ion: 75 Resp: 349313

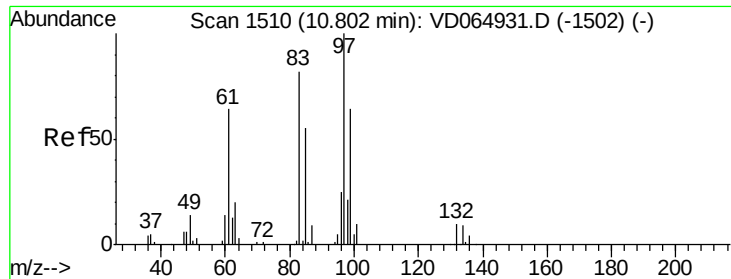
Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

39 53.5 43.0 64.6

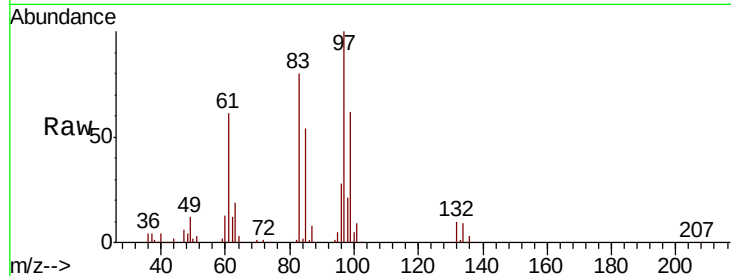




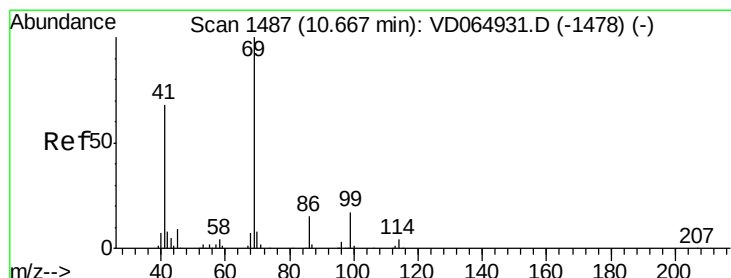
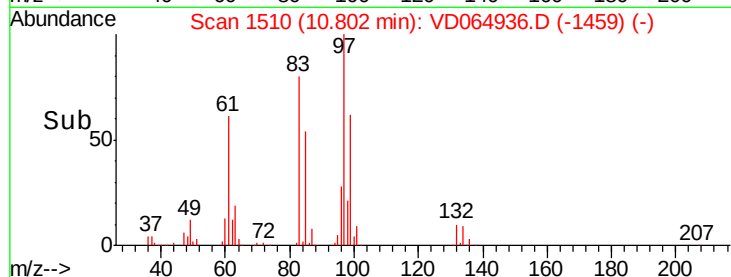
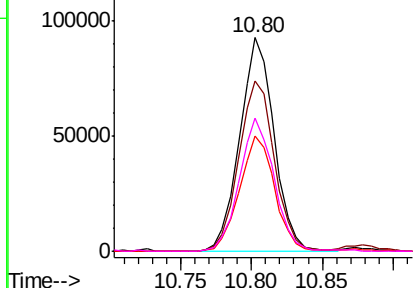
#55
 1,1,2-Trichloroethane
 Concen: 48.533 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:	97	Resp:	158110
Ion	Ratio	Lower	Upper
97	100		
83	79.8	66.0	99.0
85	53.8	44.4	66.6
99	62.4	51.4	77.0

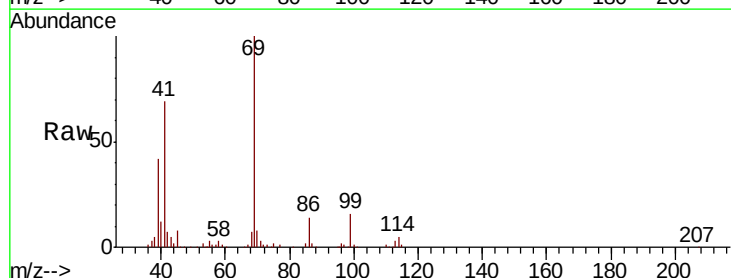


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

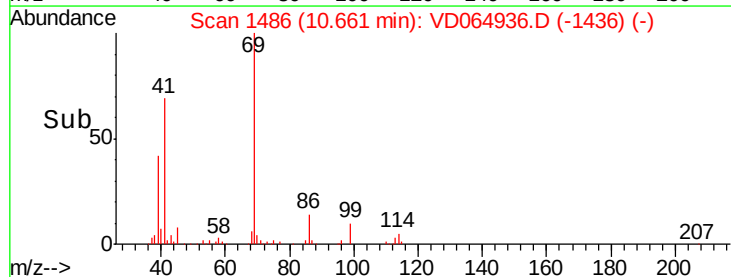
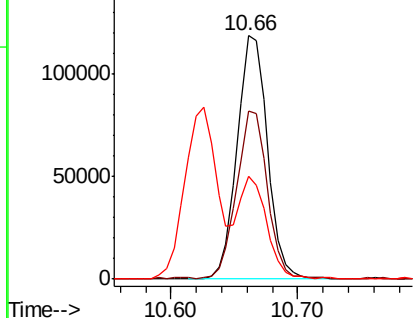


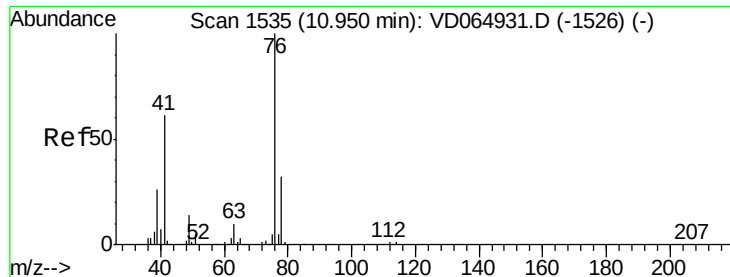
#56
 Ethyl methacrylate
 Concen: 50.581 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion:	69	Resp:	197052
Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.4	84.6
39	40.5	30.6	46.0



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





#57

1,3-Dichloropropane

Concen: 48.338 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

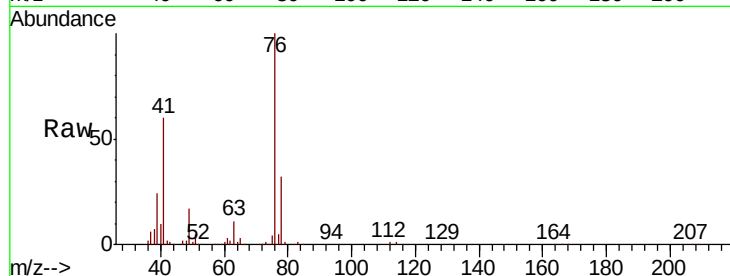
ClientSampleId :

Tot Ion: 76 Resp: 270095

Ion Ratio Lower Upper

76 100

78 32.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

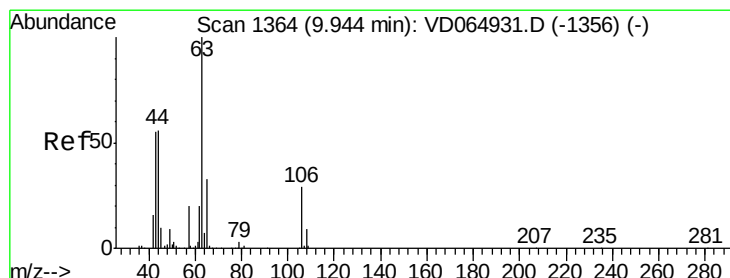
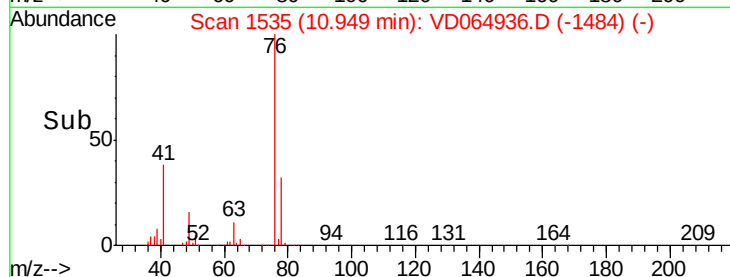
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 228.080 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD064936.D

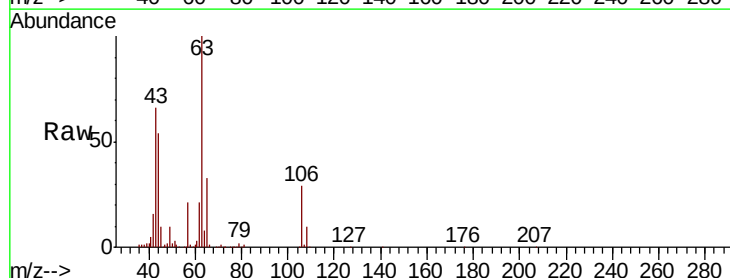
Acq: 24 Jan 2020 10:10

Tgt Ion: 63 Resp: 295195

Ion Ratio Lower Upper

63 100

106 29.2 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

200000

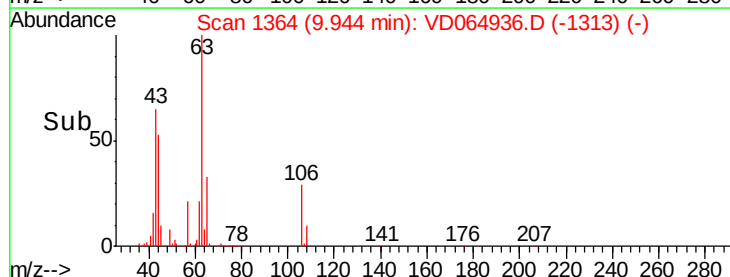
150000

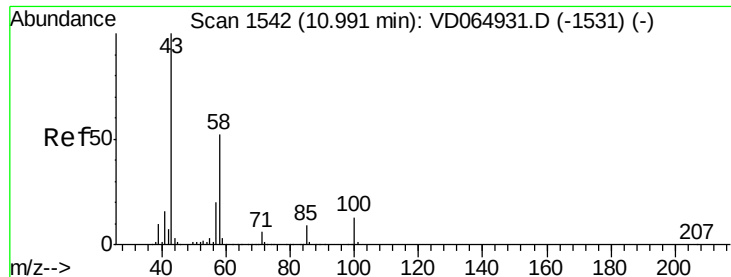
100000

50000

0

Time-->

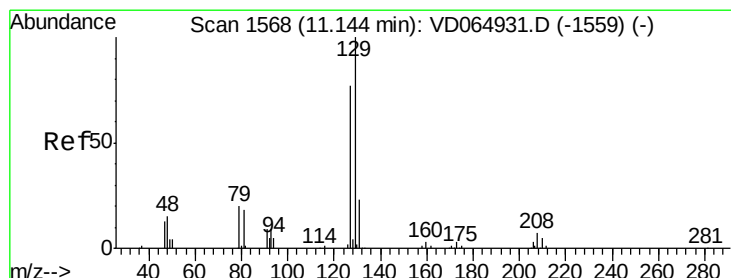
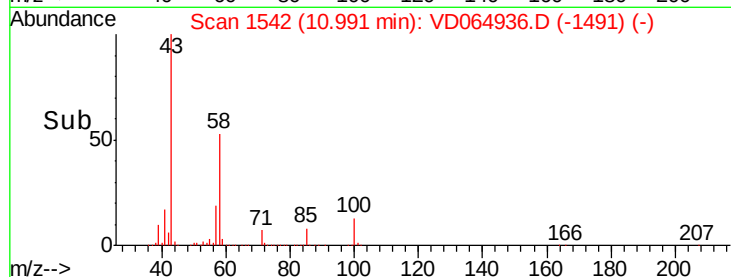
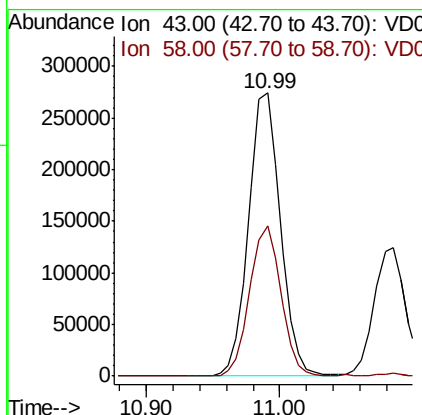
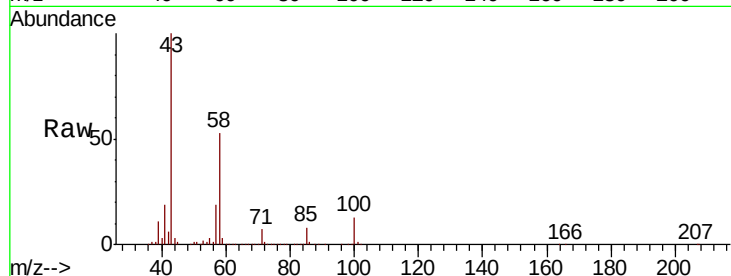




#59
2-Hexanone
Concen: 251.806 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

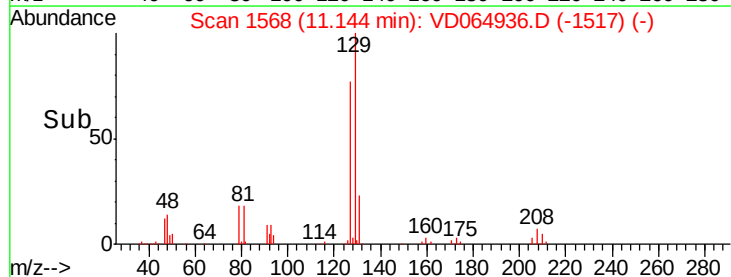
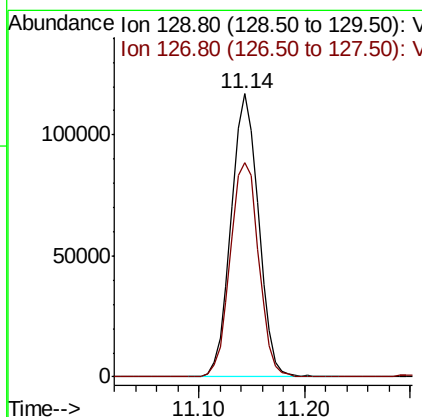
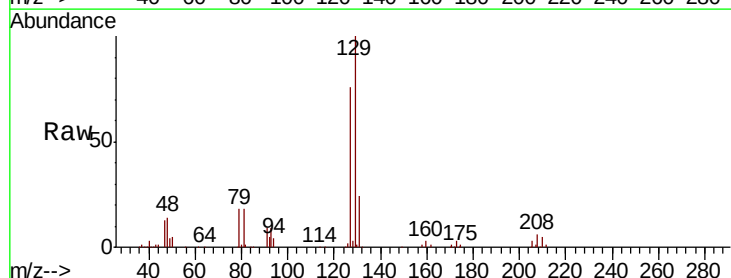
Instrument :
MSVOA_D
ClientSampleId :

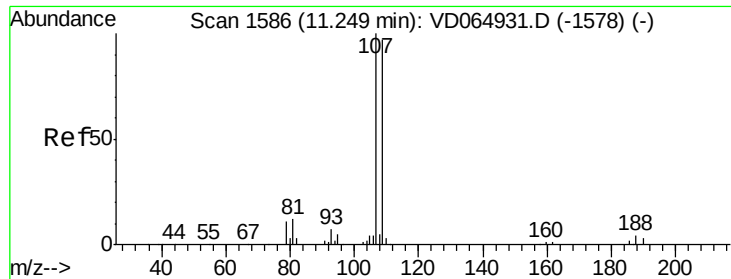
Tot Ion: 43 Resp: 452431
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.4



#60
Dibromochloromethane
Concen: 48.238 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 129 Resp: 210039
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6

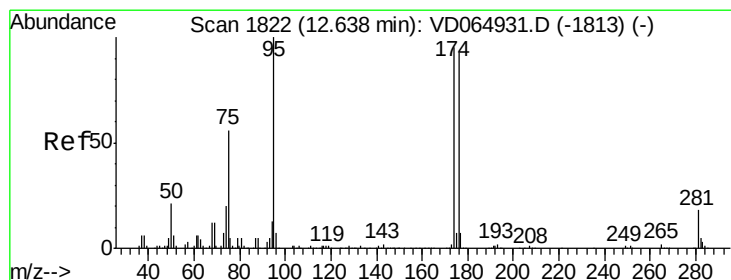
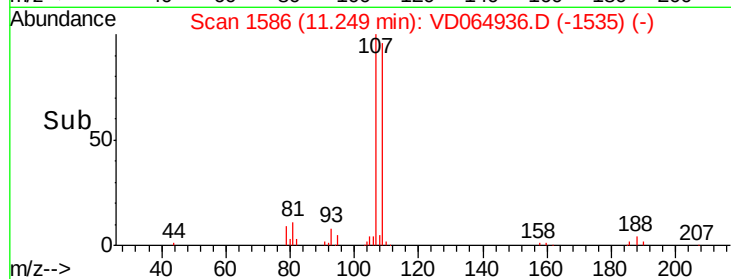
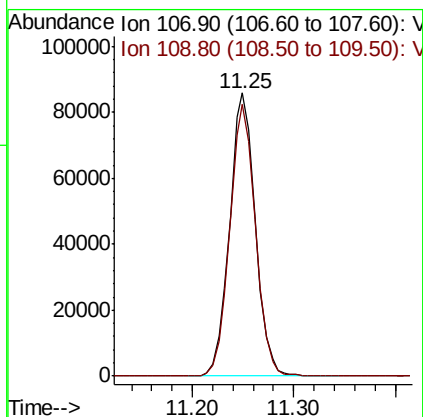
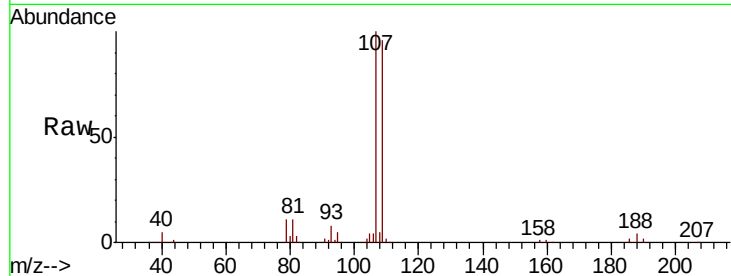




#61
 1,2-Dibromoethane
 Concen: 48.053 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

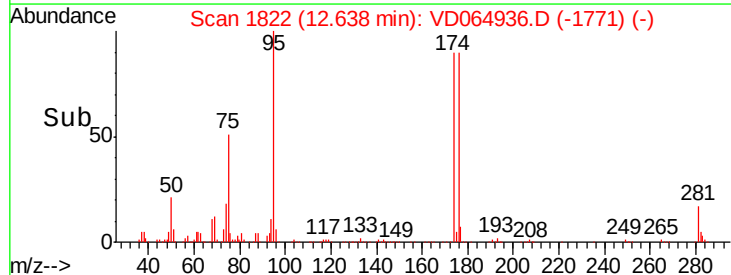
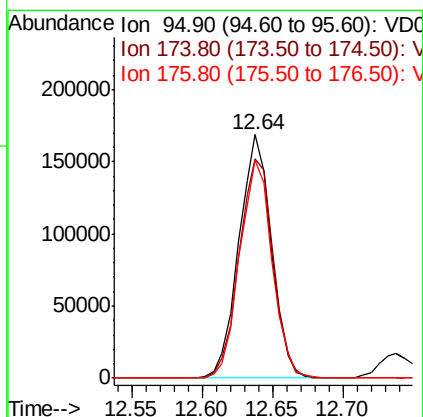
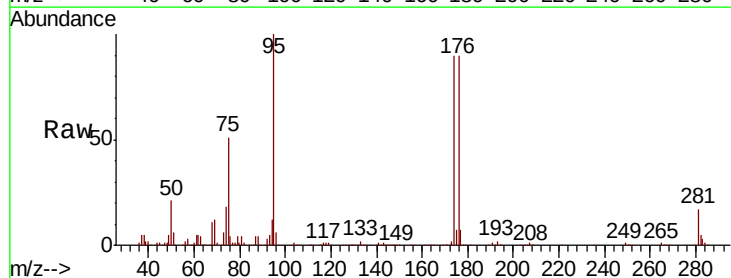
Instrument :
 MSVOA_D
 ClientSampleId :

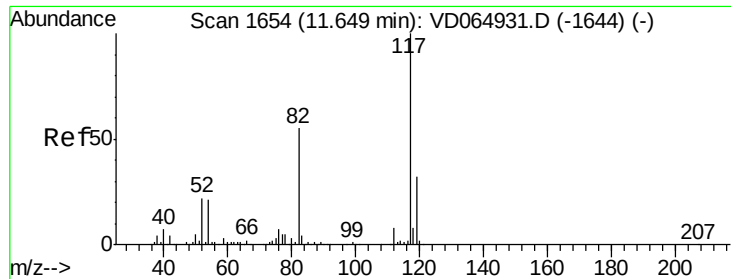
Tot Ion:107 Resp: 150738
 Ion Ratio Lower Upper
 107 100
 109 95.9 77.1 115.7



#62
 4-Bromofluorobenzene
 Concen: 52.913 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion: 95 Resp: 270233
 Ion Ratio Lower Upper
 95 100
 174 94.7 0.0 186.8
 176 89.8 0.0 183.4

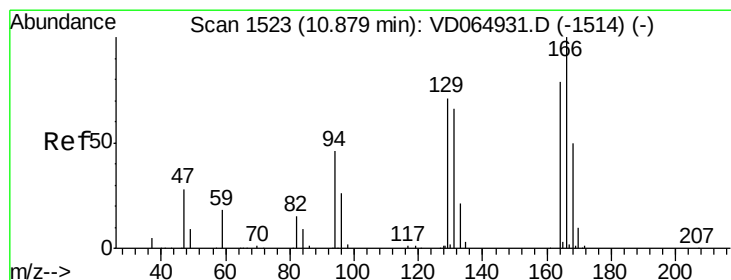
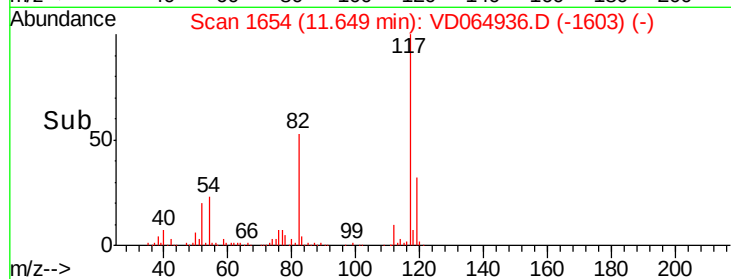
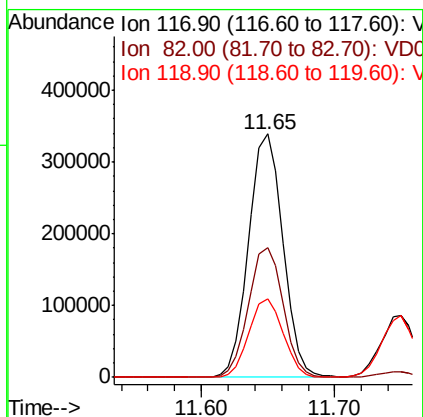
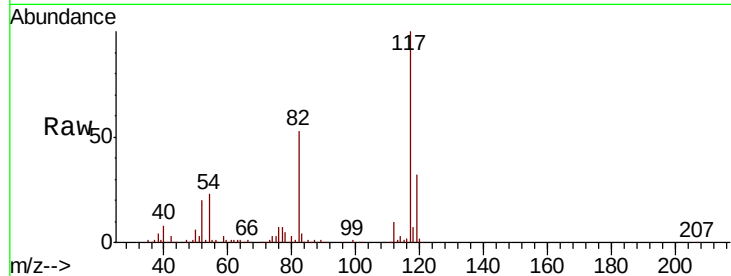




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

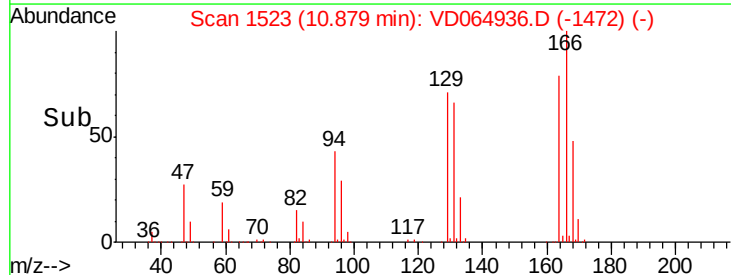
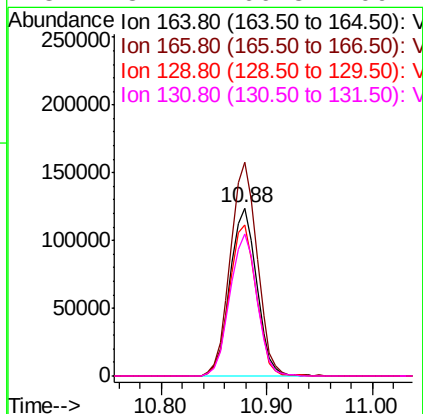
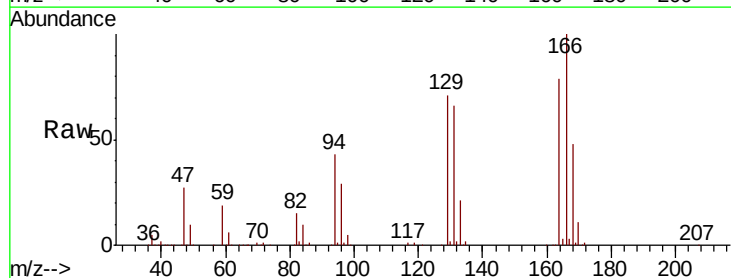
Instrument :
MSVOA_D
ClientSampled :

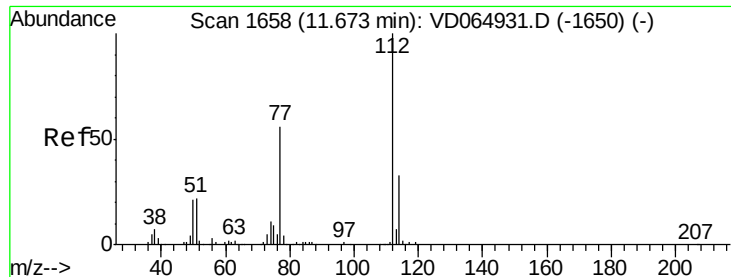
Tot Ion:117 Resp: 602199
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 49.837 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion:164 Resp: 216874
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.2
129 89.9 71.8 107.8
131 84.4 66.8 100.2

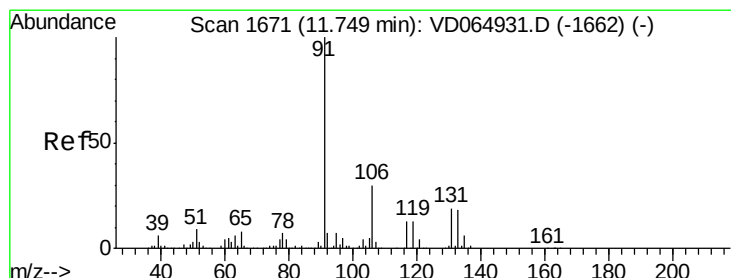
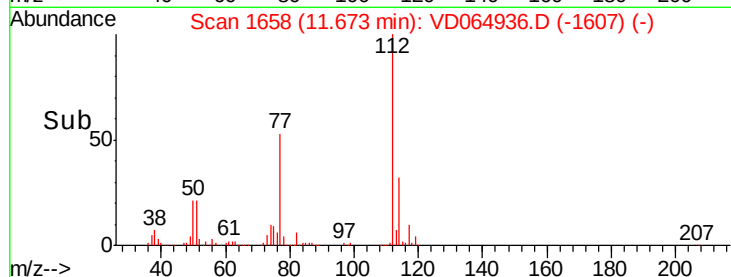
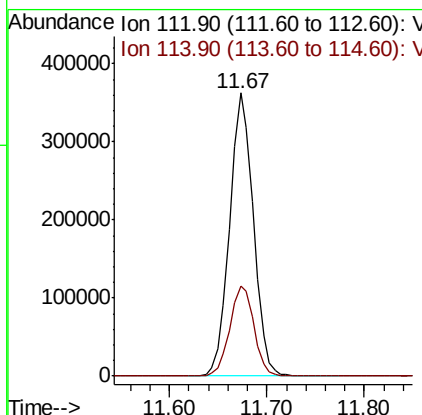
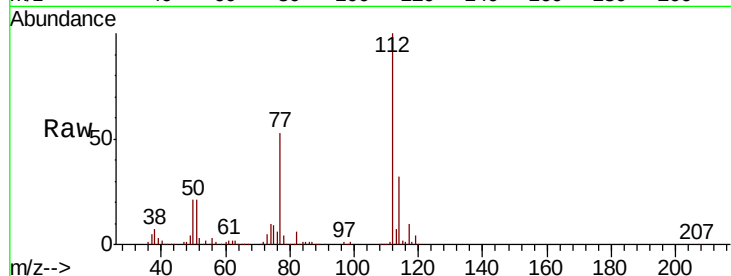




#65
Chlorobenzene
Concen: 50.079 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

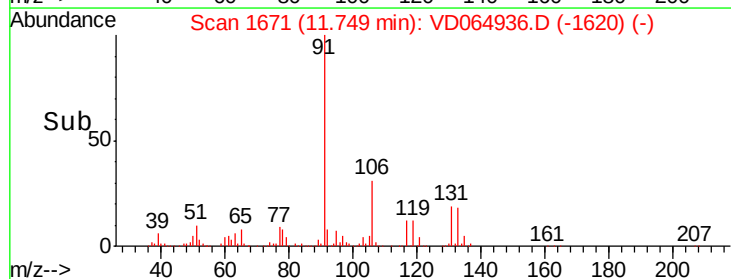
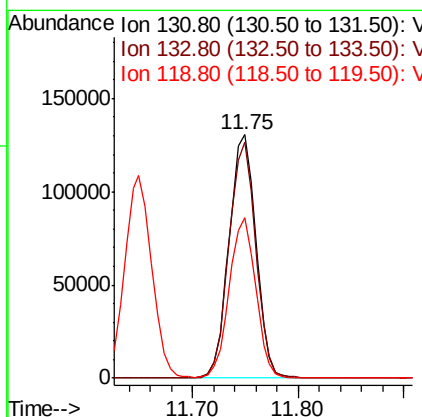
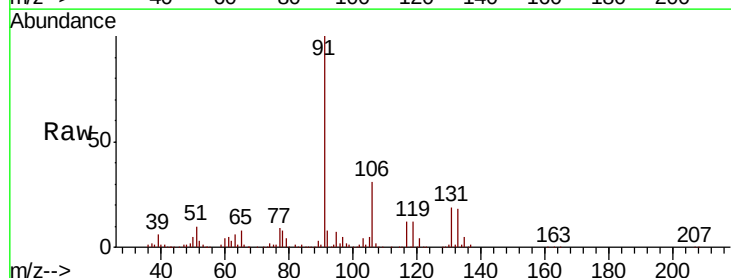
Instrument :
MSVOA_D
ClientSampleId :

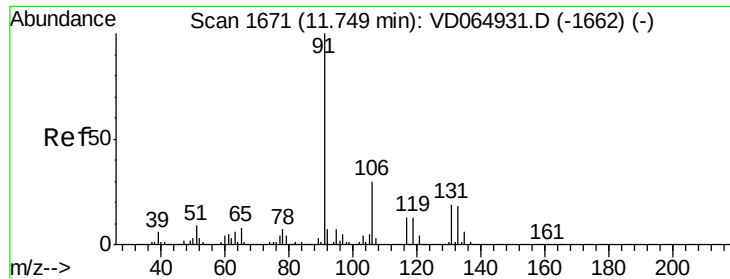
Tot Ion:112 Resp: 612318
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.899 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion:131 Resp: 229453
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.5
119 64.9 31.1 93.5

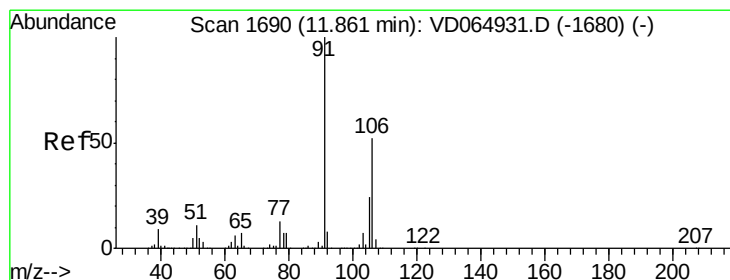
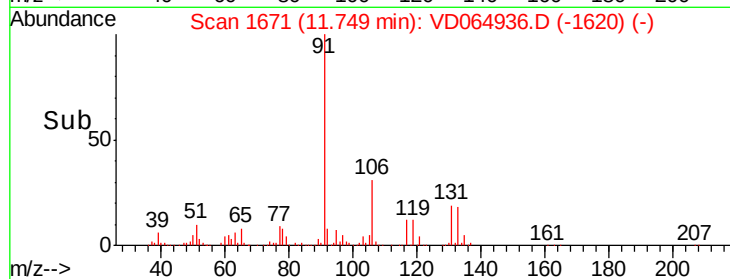
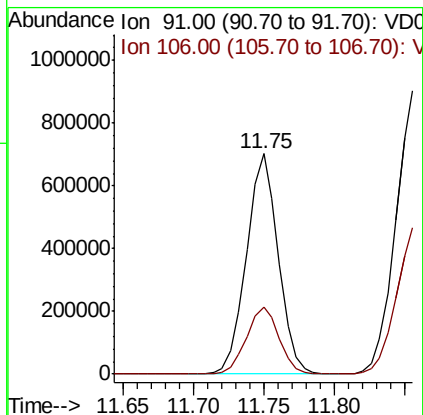
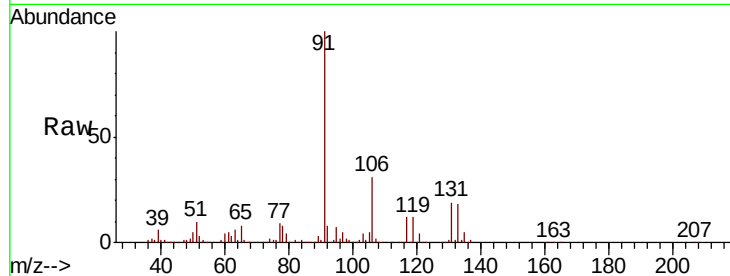




#67
Ethyl Benzene
Concen: 51.157 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

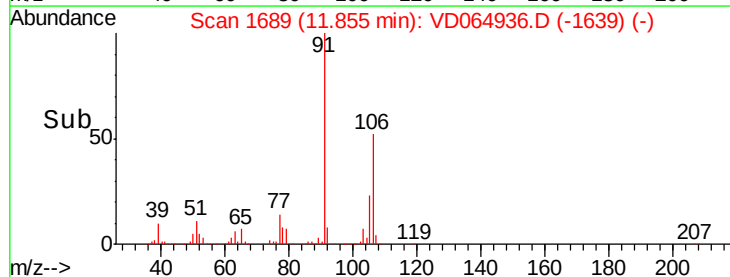
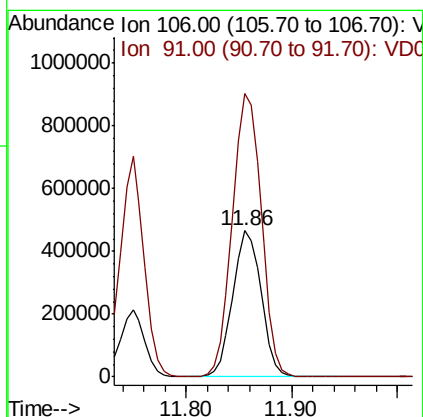
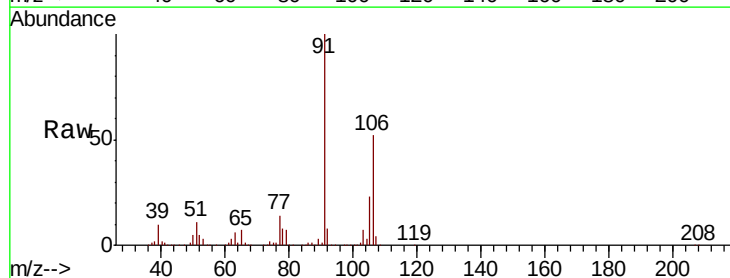
Instrument :
MSVOA_D
ClientSampleId :

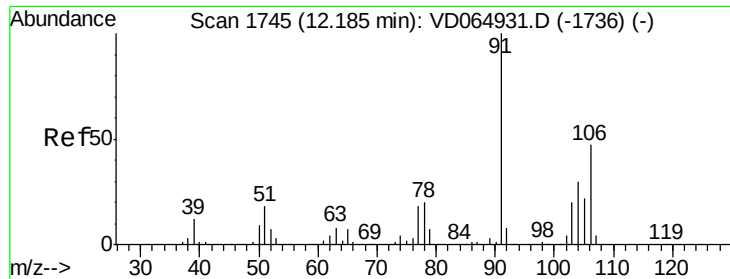
Tot Ion: 91 Resp: 1110468
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5



#68
m/p-Xylenes
Concen: 103.803 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 106 Resp: 867546
Ion Ratio Lower Upper
106 100
91 198.1 159.0 238.4

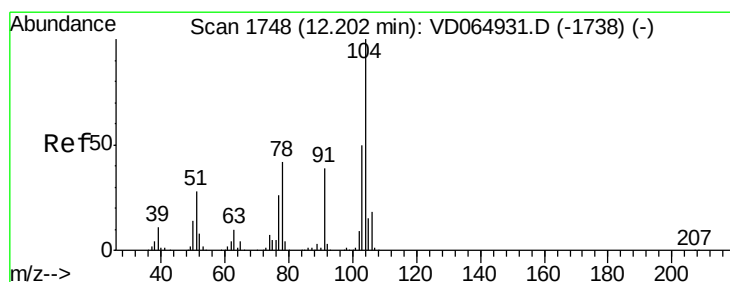
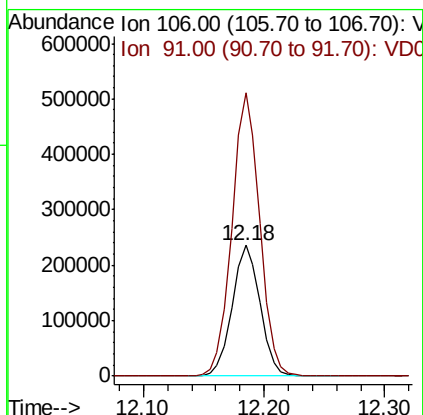
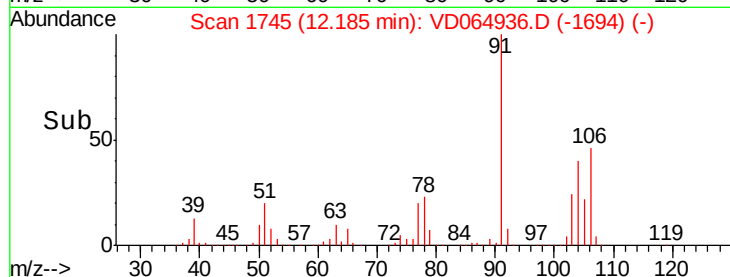
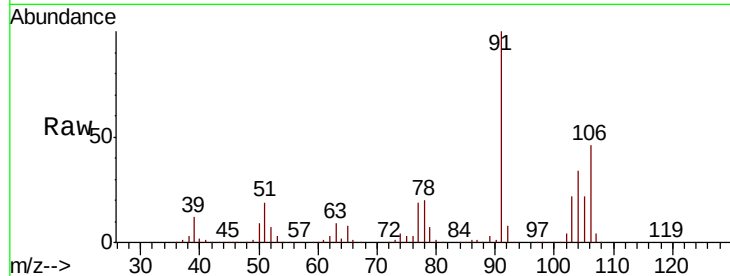




#69
o-Xylene
Concen: 51.303 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

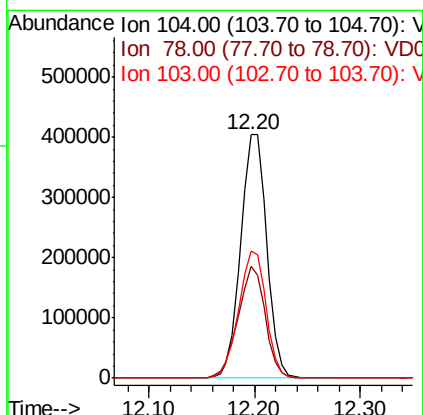
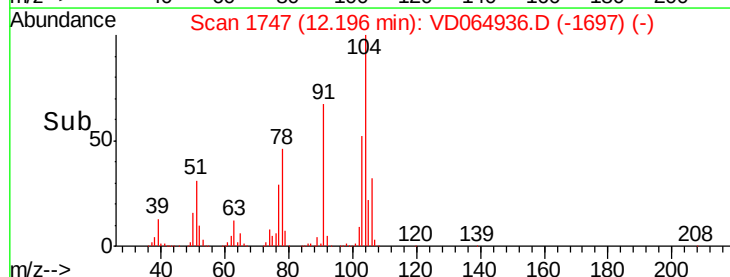
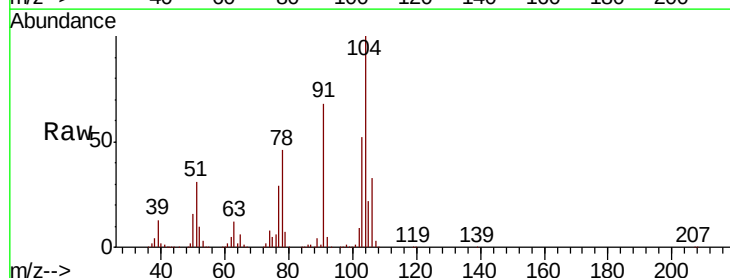
Instrument :
MSVOA_D
ClientSampled :

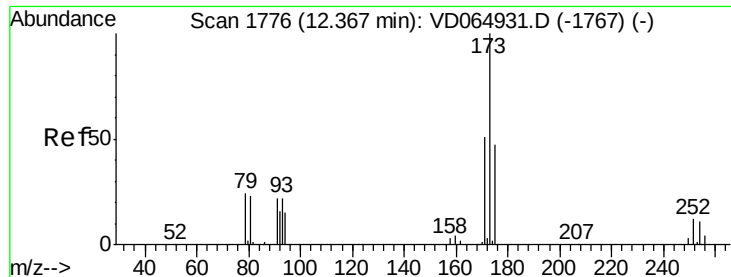
Tot Ion:106 Resp: 380535
Ion Ratio Lower Upper
106 100
91 214.2 106.7 319.9



#70
Styrene
Concen: 52.492 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion:104 Resp: 693588
Ion Ratio Lower Upper
104 100
78 47.7 38.3 57.5
103 54.7 43.5 65.3





#71

Bromoform

Concen: 48.854 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

ClientSampleId :

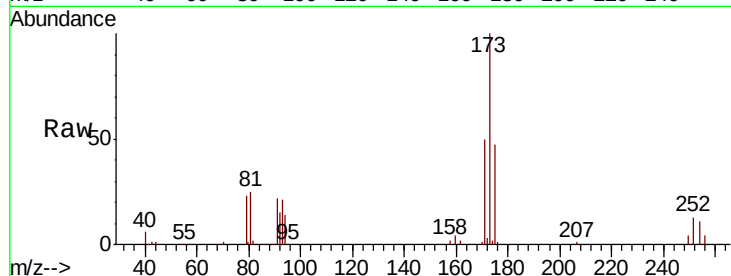
Tot Ion:173 Resp: 124877

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

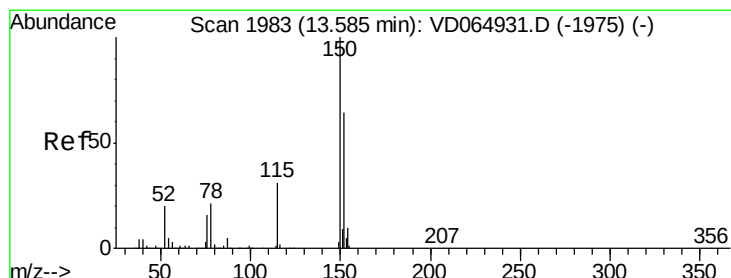
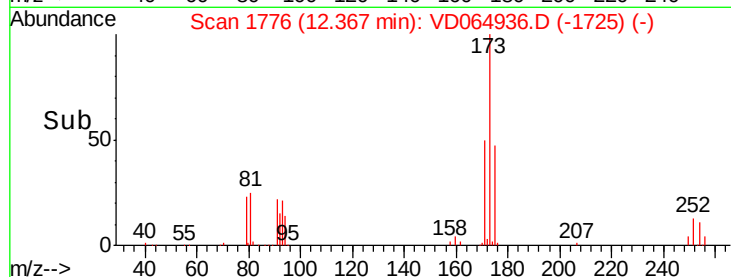
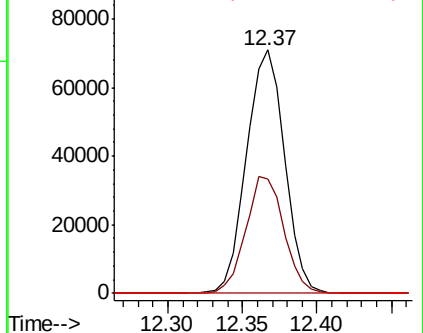
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

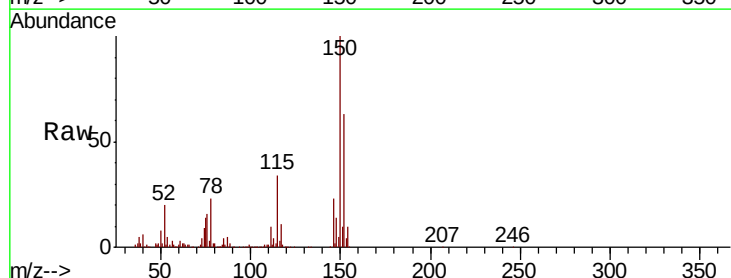
Tgt Ion:152 Resp: 297940

Ion Ratio Lower Upper

152 100

115 54.8 28.1 84.4

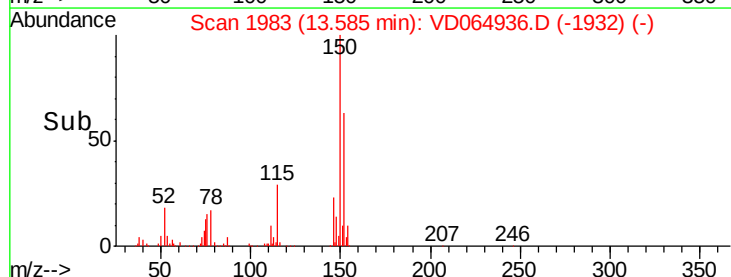
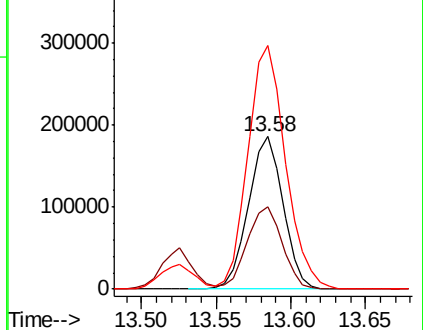
150 173.6 0.0 350.4

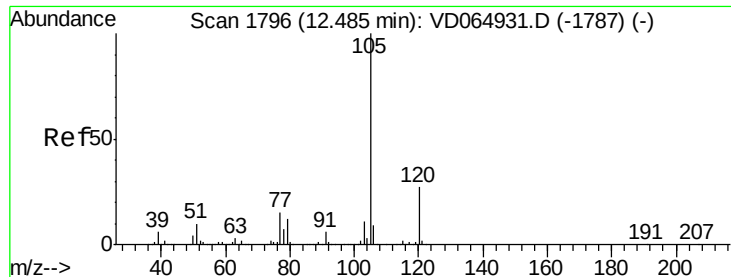


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.379 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

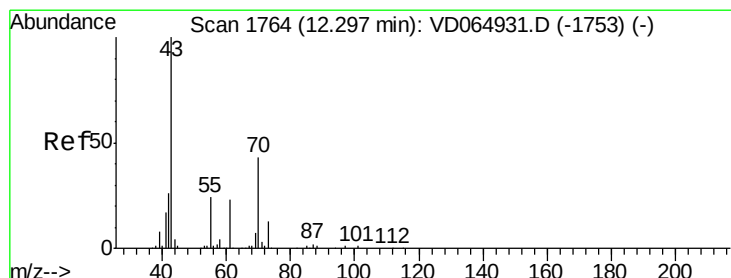
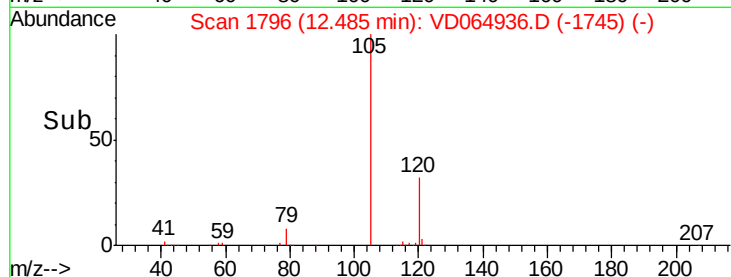
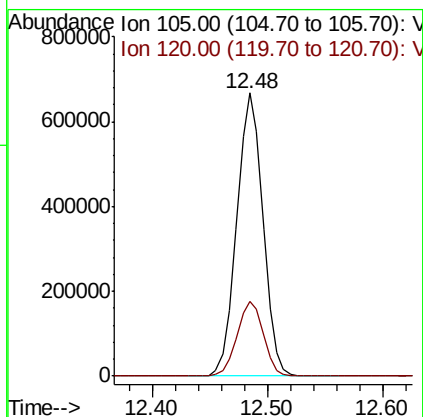
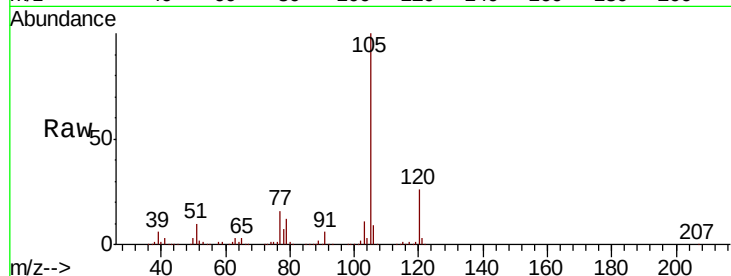
ClientSampleId :

Tot Ion:105 Resp: 1046268

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 47.505 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Tgt Ion: 43 Resp: 216469

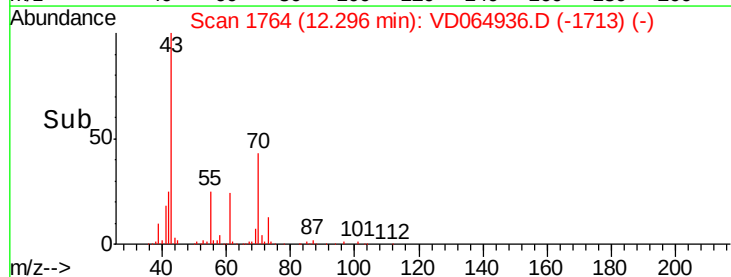
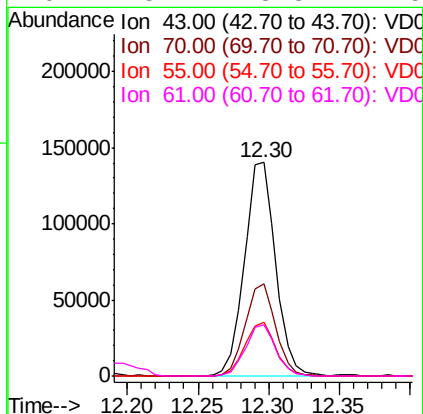
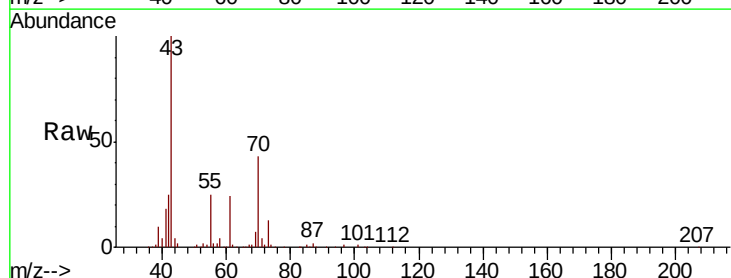
Ion Ratio Lower Upper

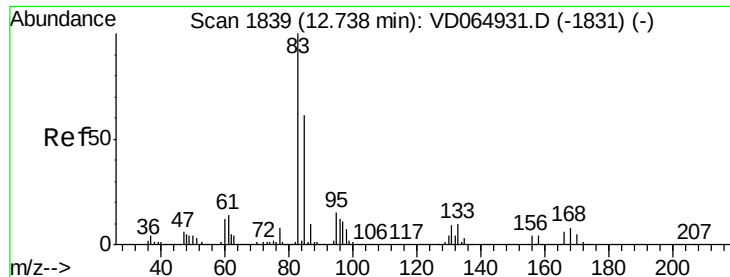
43 100

70 42.3 32.6 49.0

55 25.2 19.9 29.9

61 23.4 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.933 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

ClientSampled :

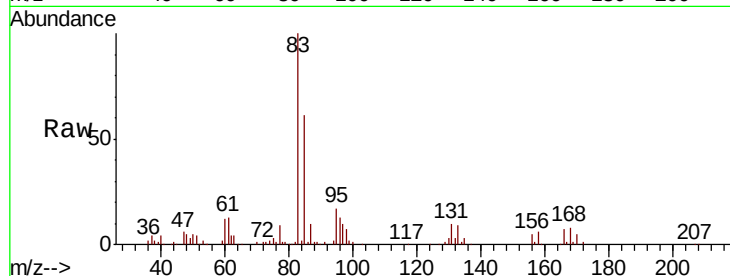
Tot Ion: 83 Resp: 164055

Ion Ratio Lower Upper

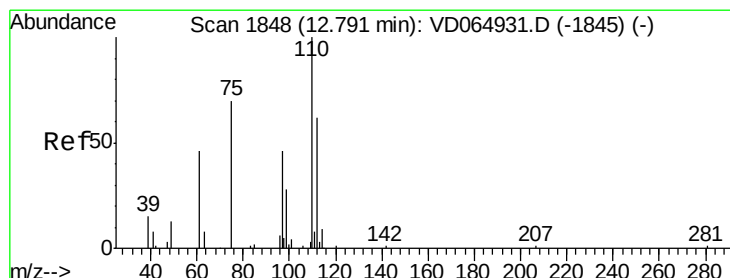
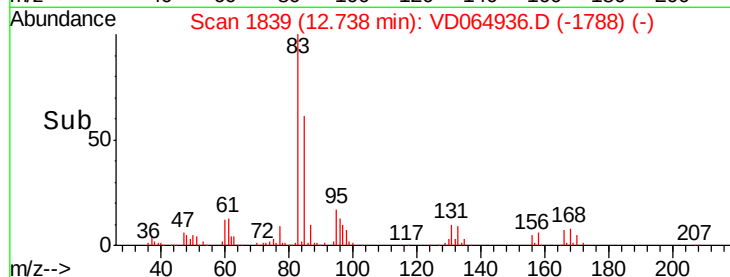
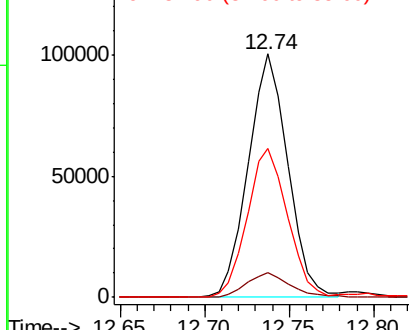
83 100

131 11.3 5.5 16.4

85 62.8 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 88.989 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD064936.D

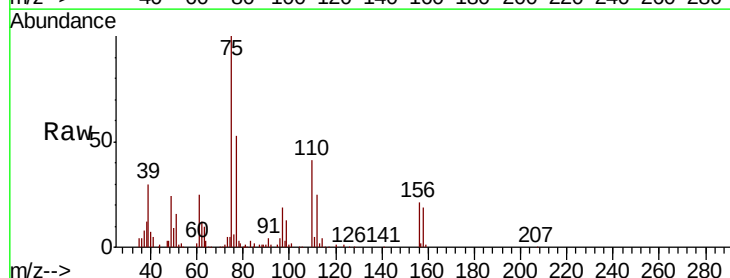
Acq: 24 Jan 2020 10:10

Tgt Ion: 75 Resp: 220064

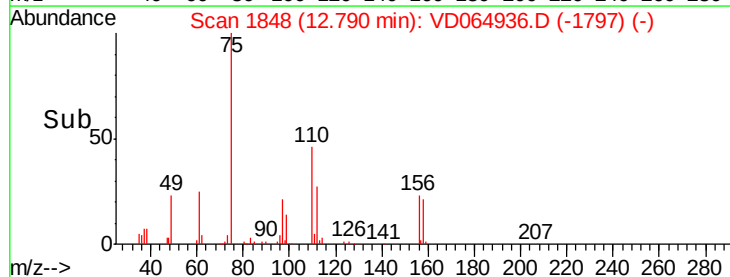
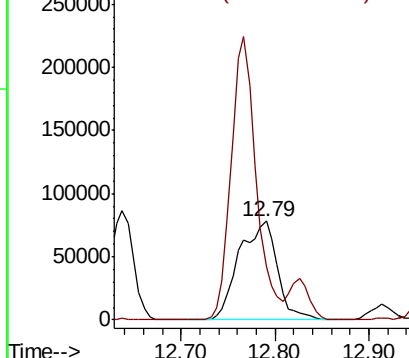
Ion Ratio Lower Upper

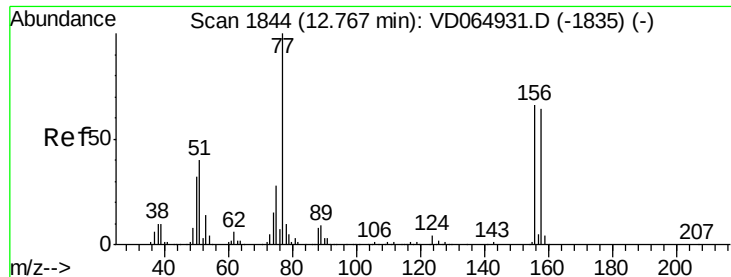
75 100

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: 50.101 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

ClientSampled :

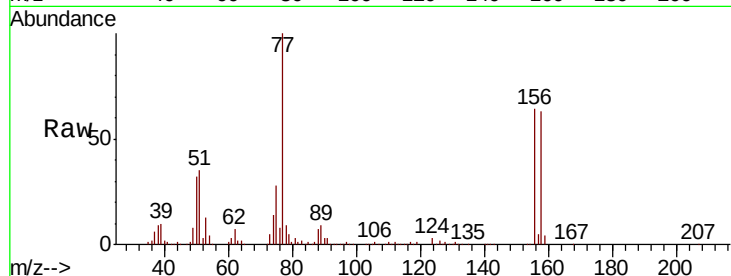
Tot Ion:156 Resp: 249628

Ion Ratio Lower Upper

156 100

77 166.9 84.2 252.5

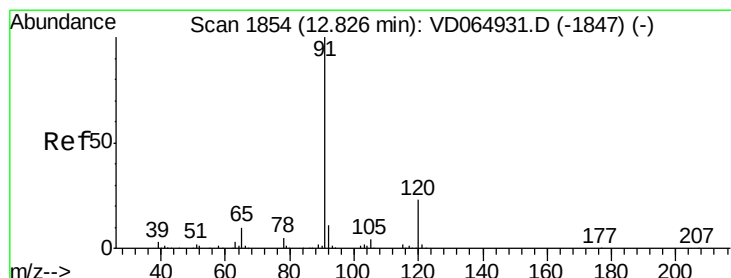
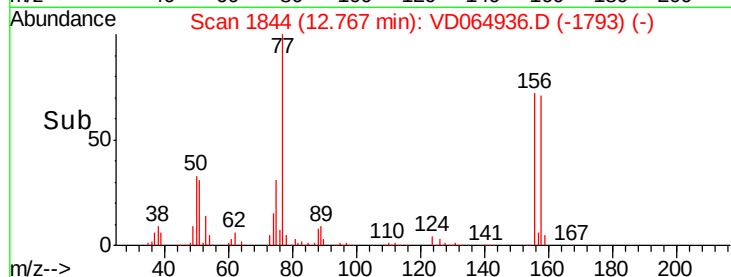
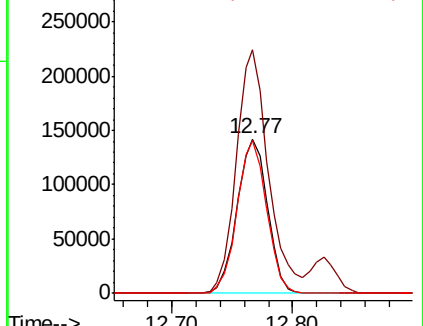
158 96.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.971 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064936.D

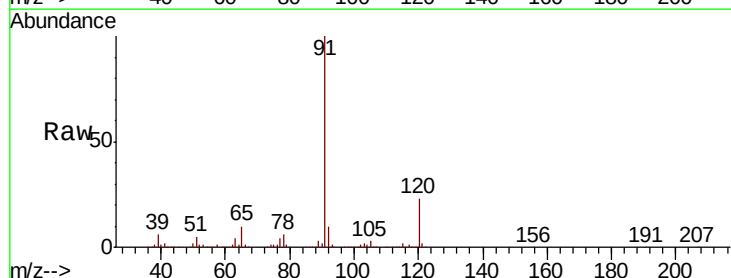
Acq: 24 Jan 2020 10:10

Tgt Ion: 91 Resp: 1234392

Ion Ratio Lower Upper

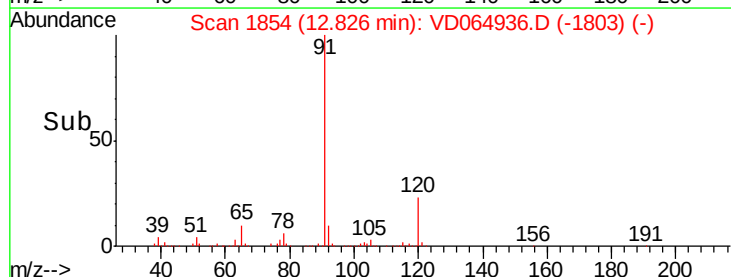
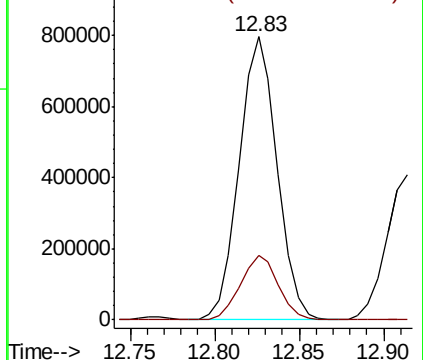
91 100

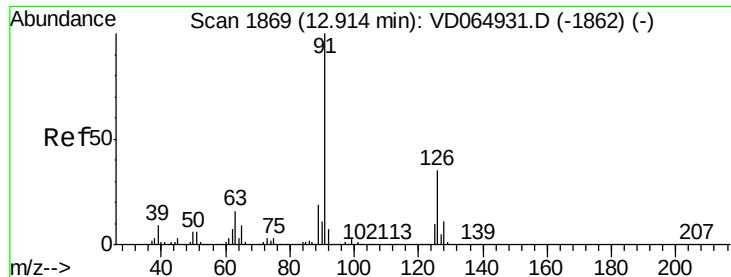
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

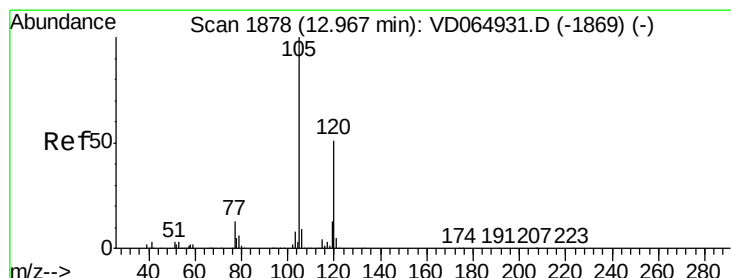
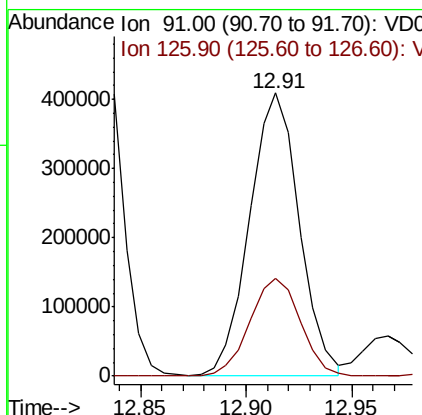
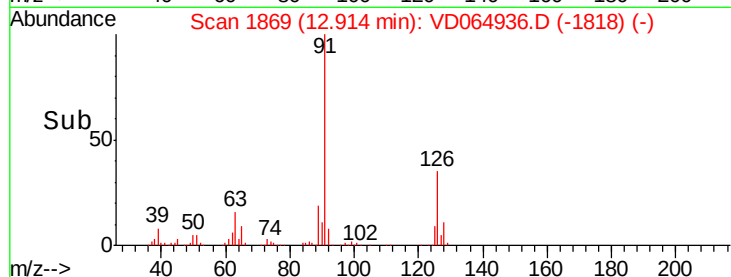
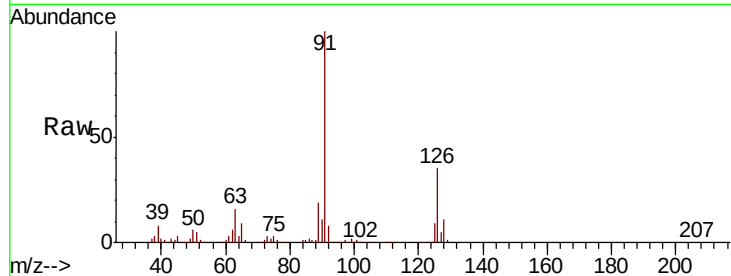




#79
 2-Chlorotoluene
 Concen: 50.327 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

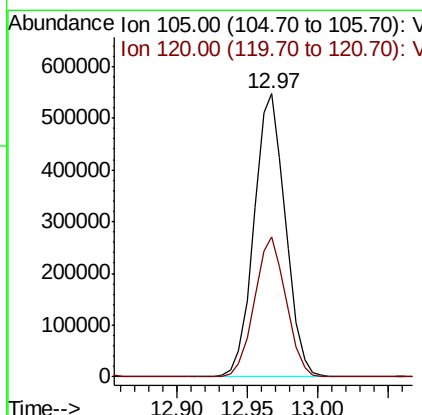
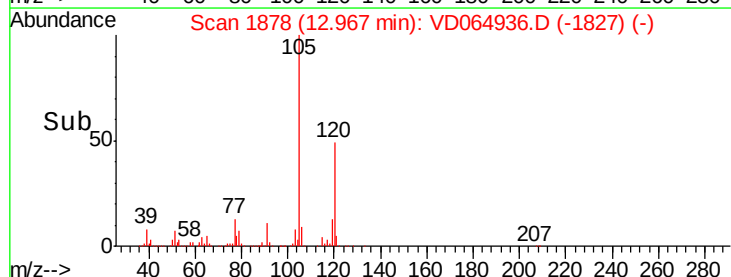
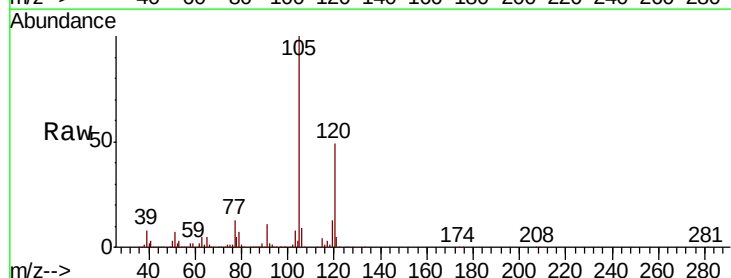
Instrument :
 MSVOA_D
 ClientSampled :

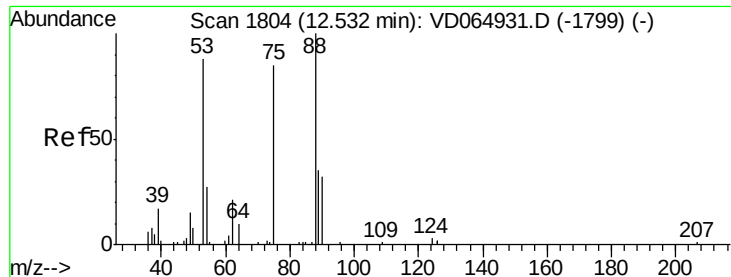
Tot Ion: 91 Resp: 668610
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.091 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion: 105 Resp: 852615
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.6 76.8

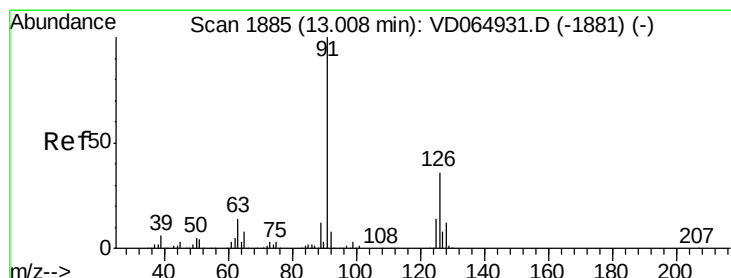
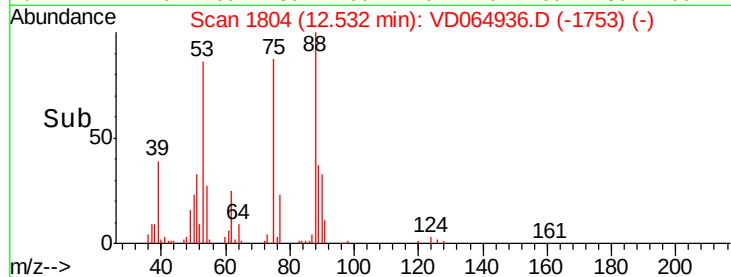
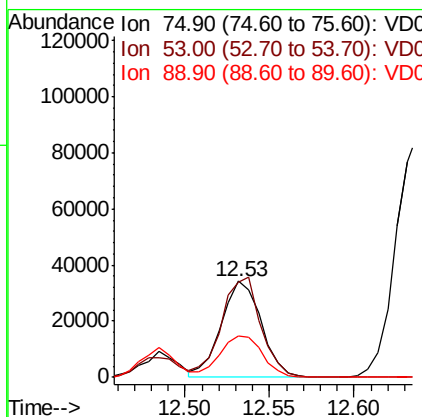
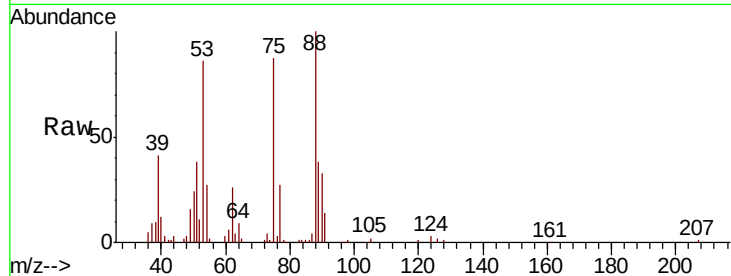




#81
trans-1,4-Dichloro-2-butene
Concen: 49.157 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

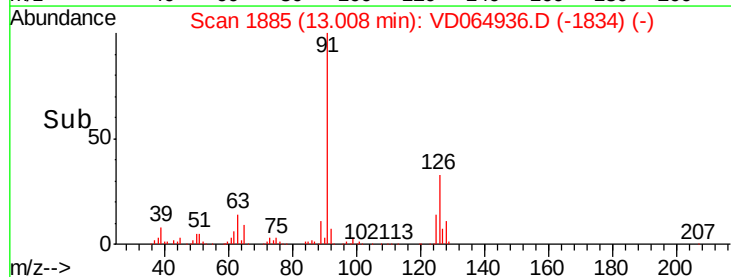
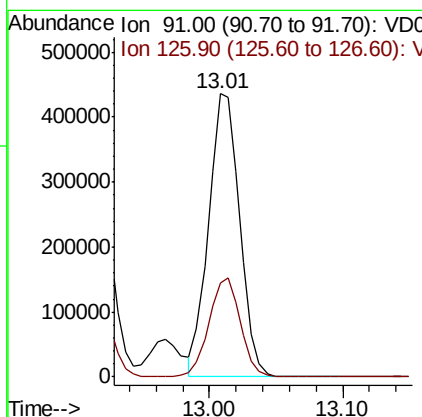
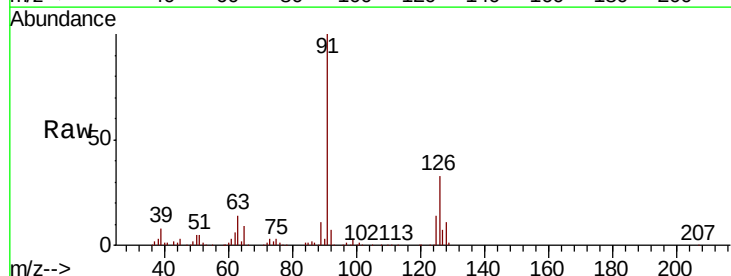
Instrument :
MSVOA_D
ClientSampleId :

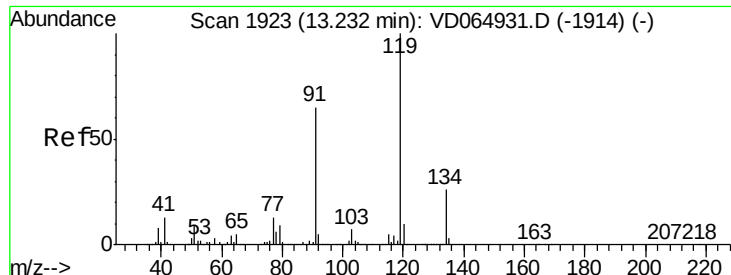
Tot Ion: 75 Resp: 56932
Ion Ratio Lower Upper
75 100
53 102.2 81.0 121.4
89 46.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 50.452 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 91 Resp: 710836
Ion Ratio Lower Upper
91 100
126 35.5 18.0 54.0

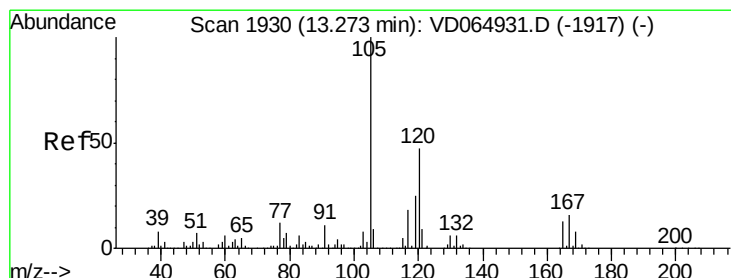
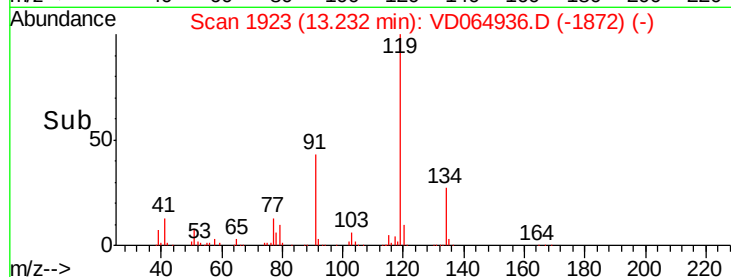
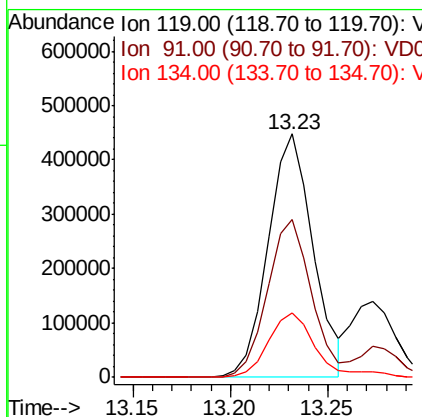
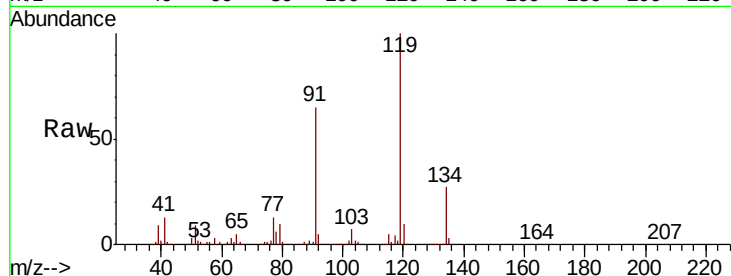




#83
 tert-Butylbenzene
 Concen: 50.432 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

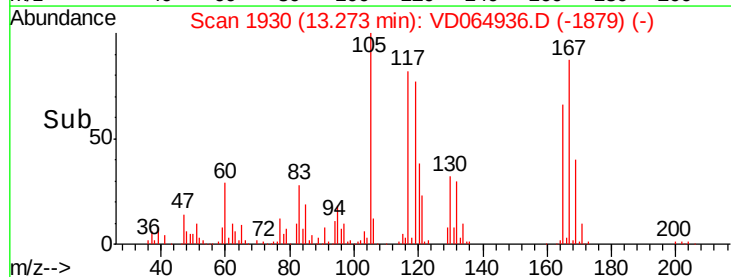
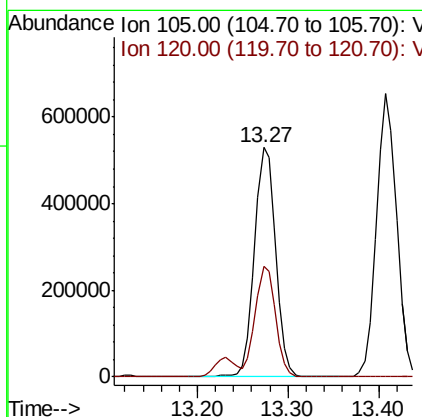
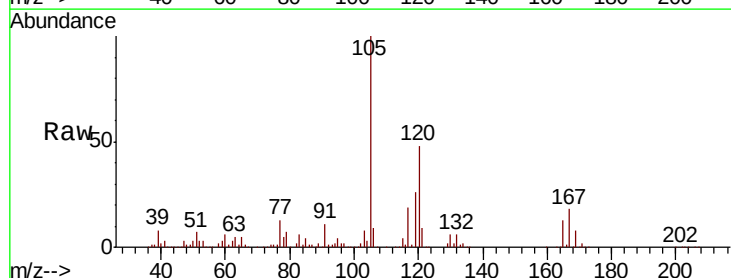
Instrument :
 MSVOA_D
 ClientSampled :

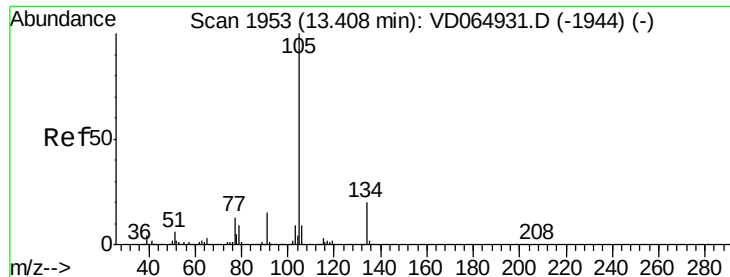
Tot Ion:119 Resp: 714216
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.0 96.0
 134 28.2 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.548 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion:105 Resp: 854538
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.227 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

Instrument :

MSVOA_D

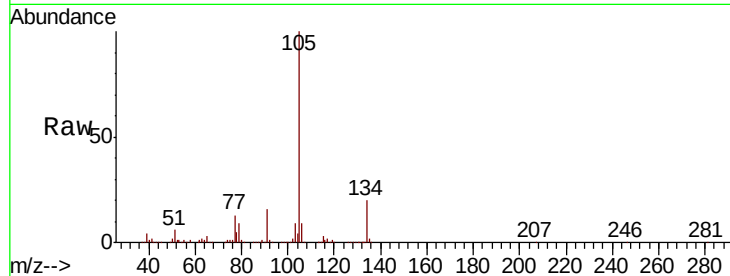
ClientSampleId :

Tot Ion:105 Resp: 1007160

Ion Ratio Lower Upper

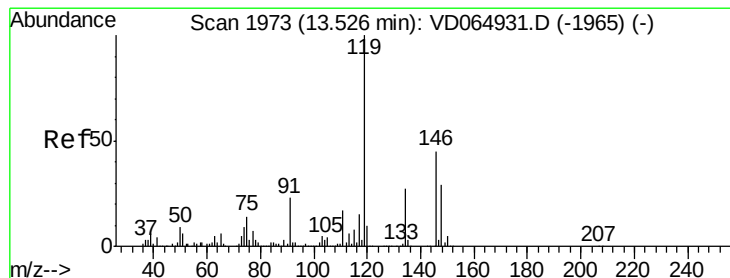
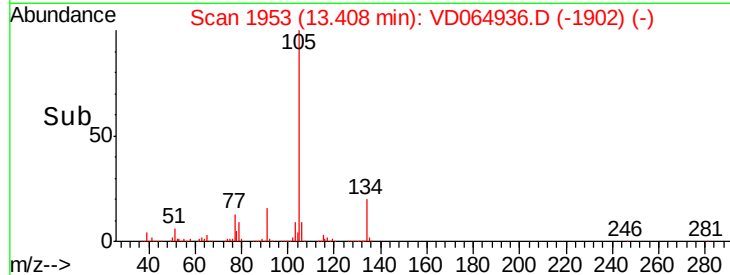
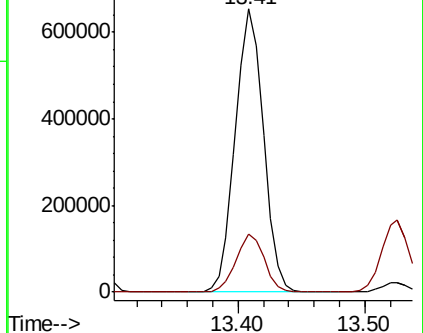
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.605 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD064936.D

Acq: 24 Jan 2020 10:10

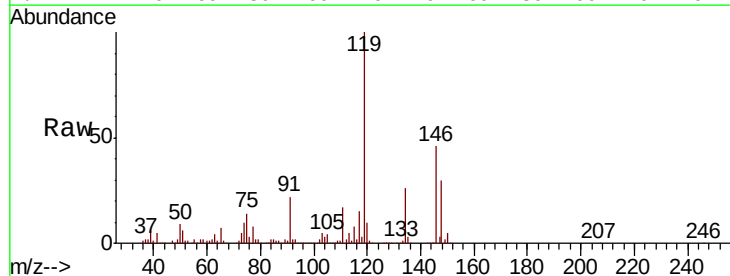
Tgt Ion:119 Resp: 949535

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

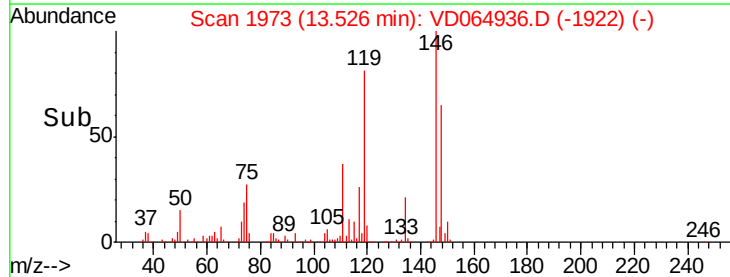
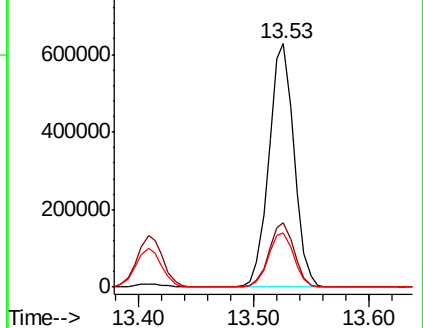
91 22.6 11.4 34.2

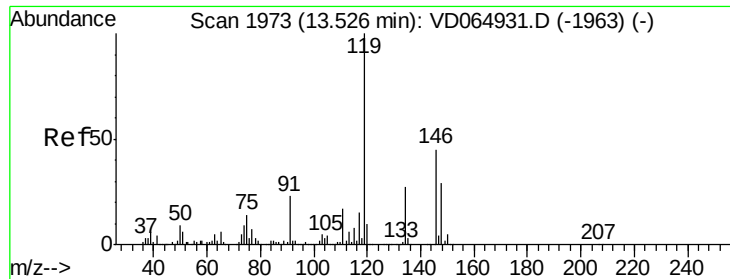


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

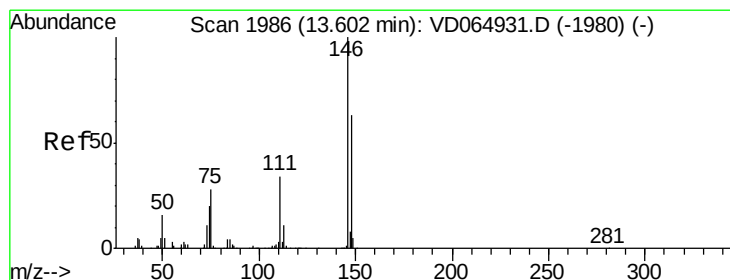
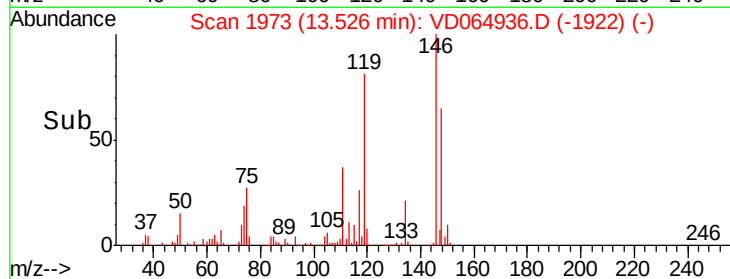
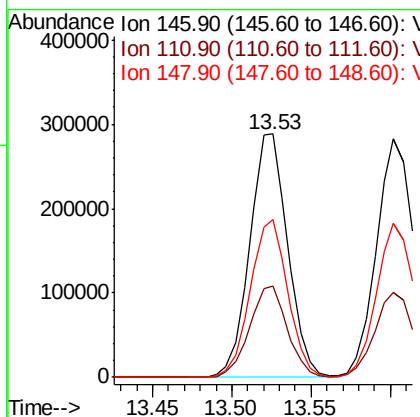
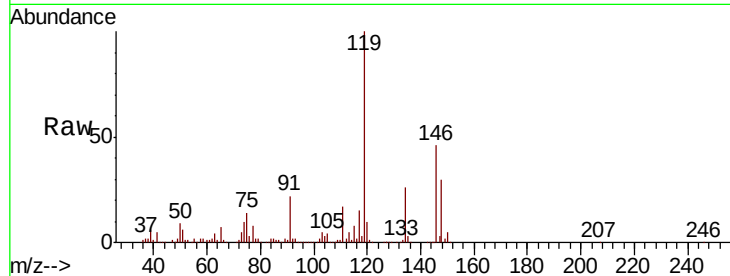




#87
 1,3-Dichlorobenzene
 Concen: 50.167 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

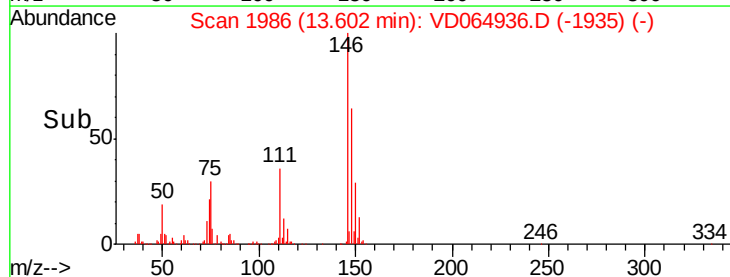
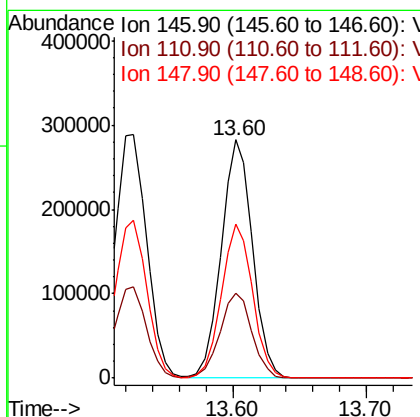
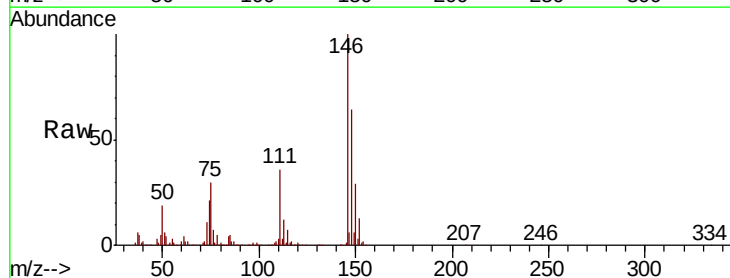
Instrument :
 MSVOA_D
 ClientSampleId :

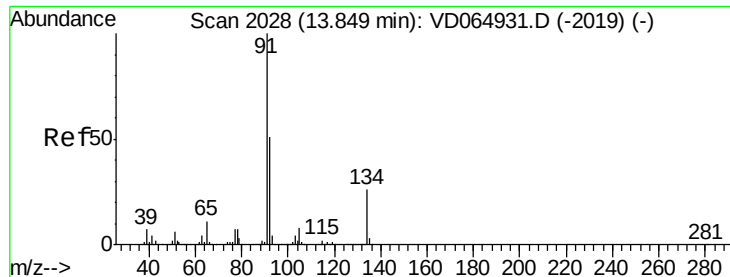
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	64.0	32.6	97.7



#88
 1,4-Dichlorobenzene
 Concen: 48.775 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.2	54.6
148	64.6	32.0	96.0

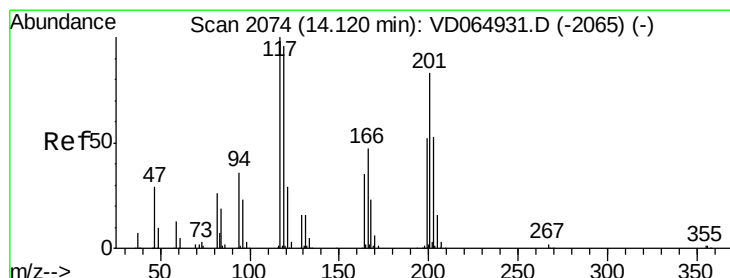
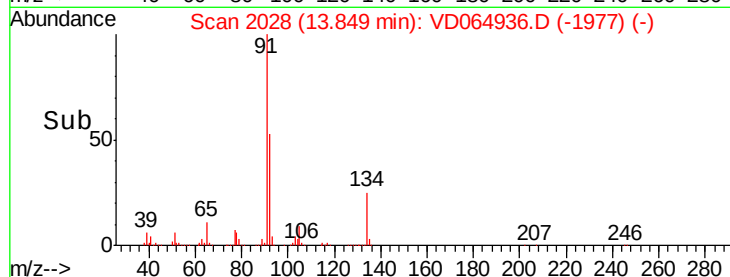
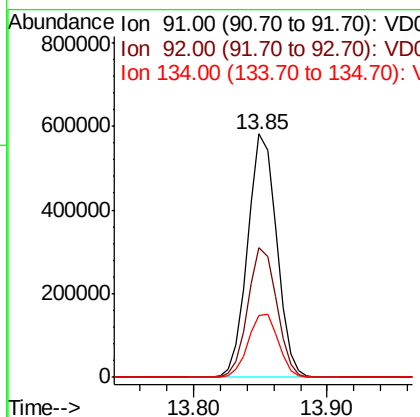
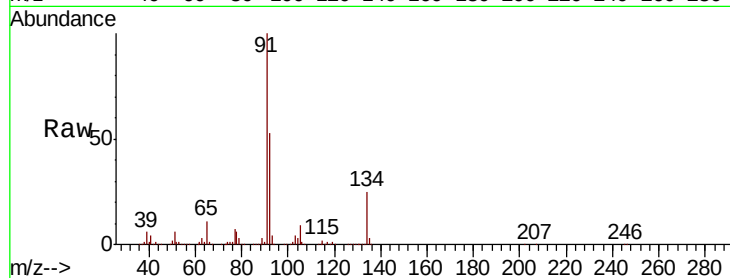




#89
n-Butylbenzene
Concen: 50.698 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

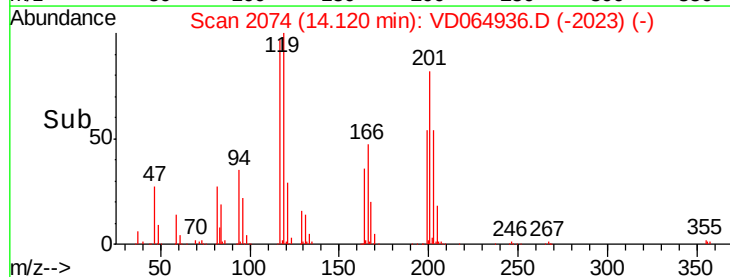
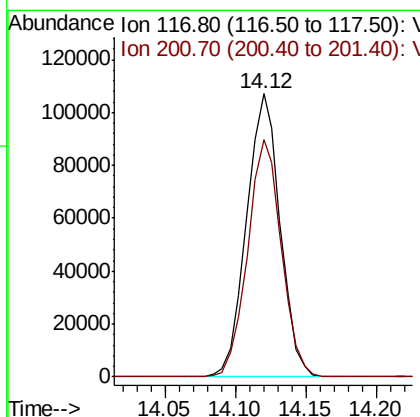
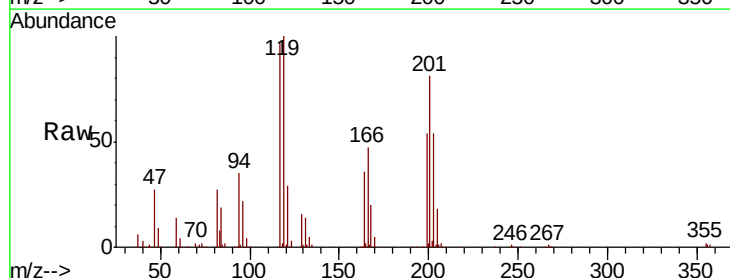
Instrument :
MSVOA_D
ClientSampleId :

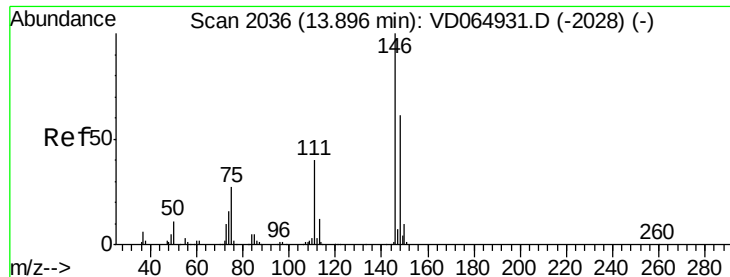
Tot Ion: 91 Resp: 868158
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.0
134 26.8 13.3 39.9



#90
Hexachloroethane
Concen: 49.276 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion: 117 Resp: 178306
Ion Ratio Lower Upper
117 100
201 84.3 41.1 123.3

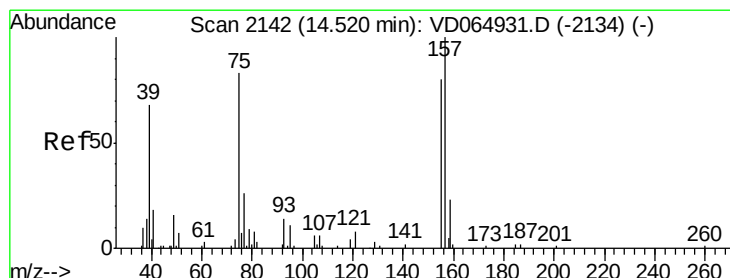
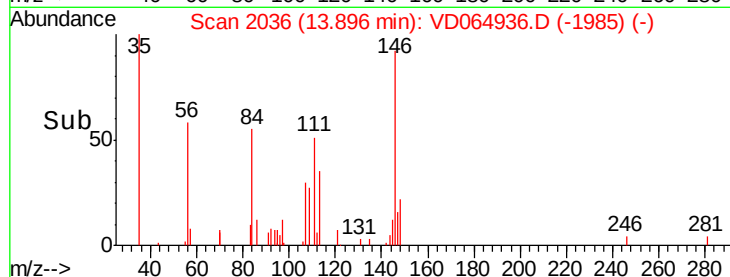
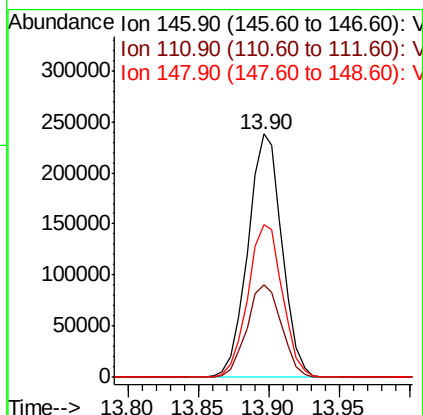
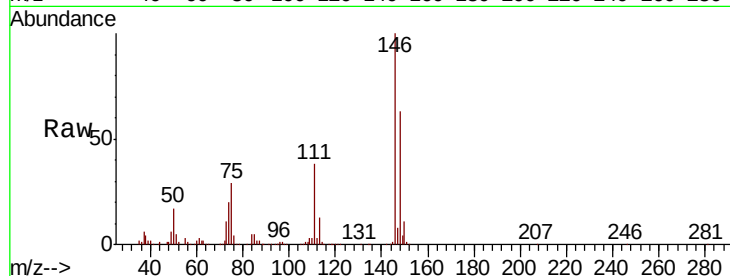




#91
 1,2-Dichlorobenzene
 Concen: 49.612 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

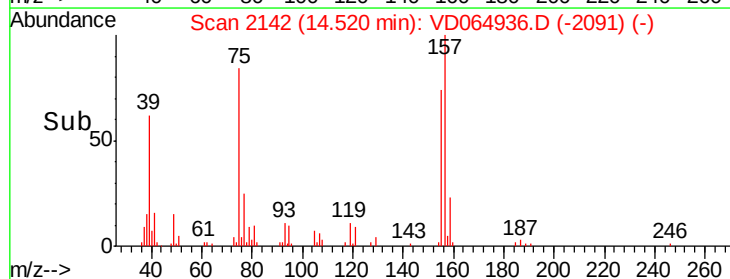
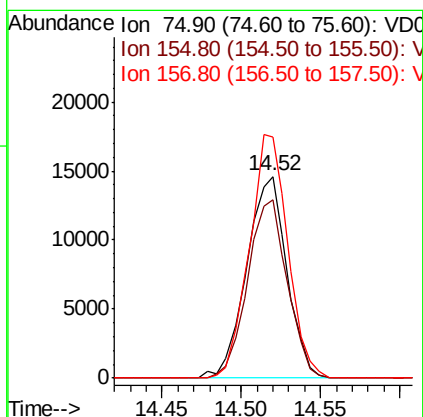
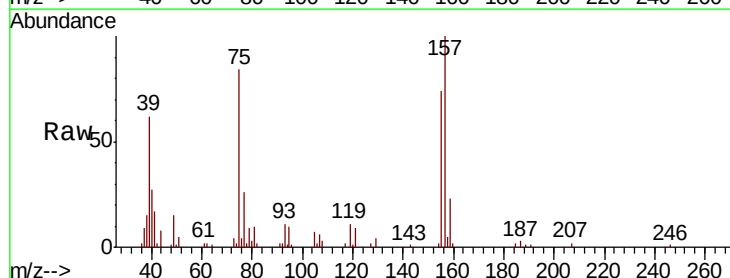
Instrument :
 MSVOA_D
 ClientSampleID :

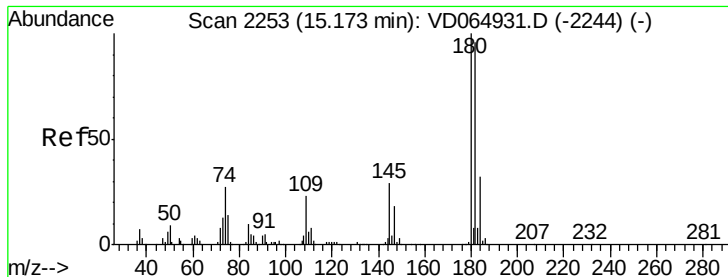
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	64.0	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.997 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	44.9	134.7
157	115.5	58.9	176.6

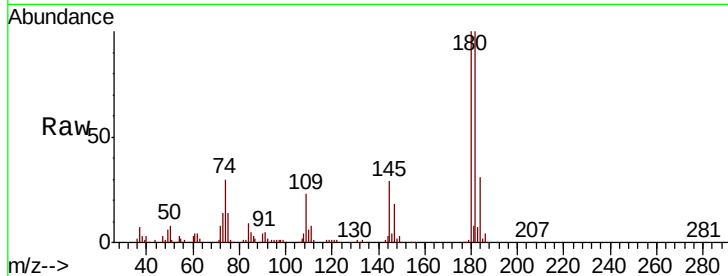




#93
 1,2,4-Trichlorobenzene
 Concen: 48.791 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.1	141.4
145	28.1	14.1	42.3

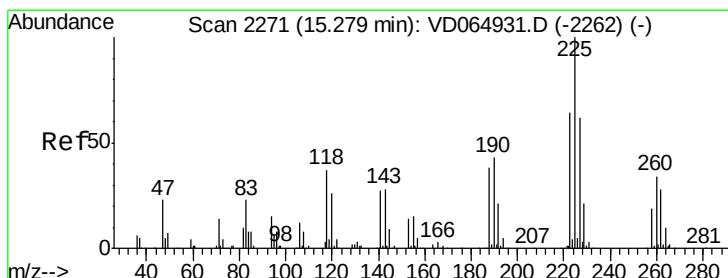
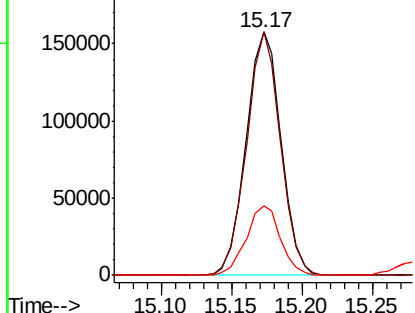
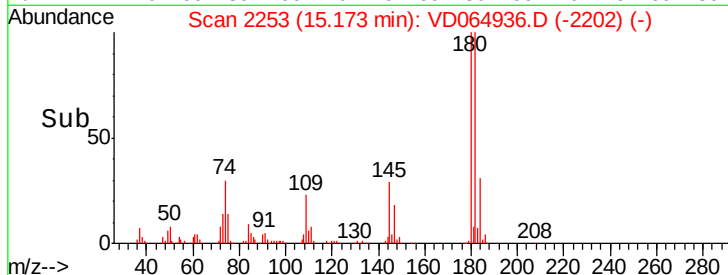


Abundance

Ion 179.80 (179.50 to 180.50): V

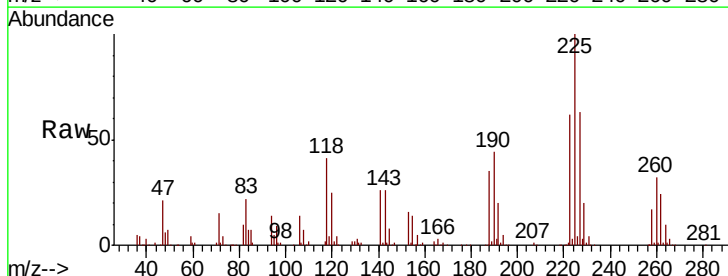
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.897 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD064936.D
 Acq: 24 Jan 2020 10:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.4	97.2
227	62.7	31.9	95.9

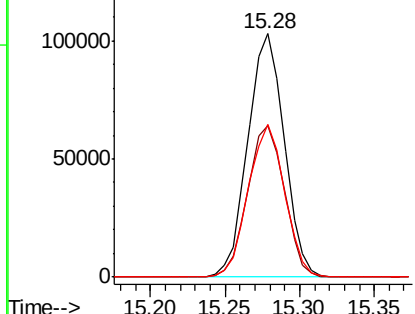
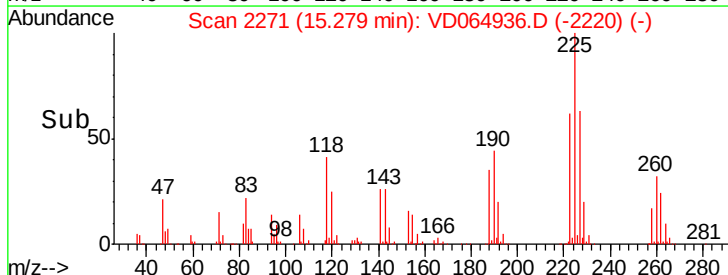


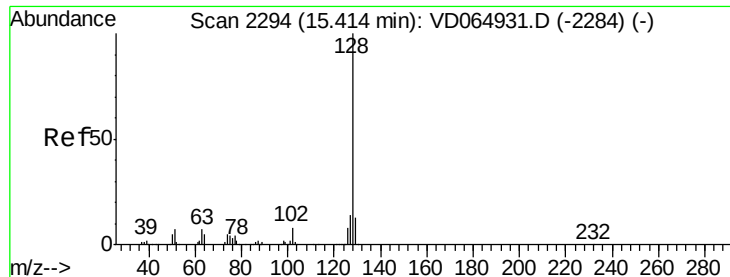
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

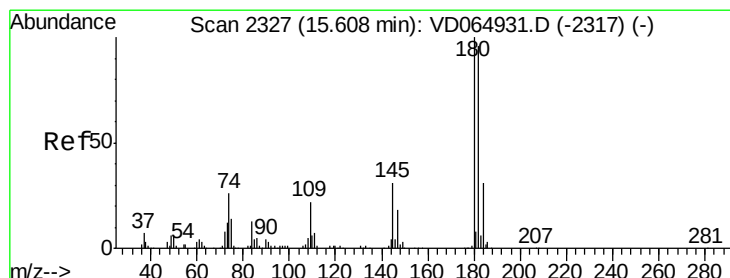
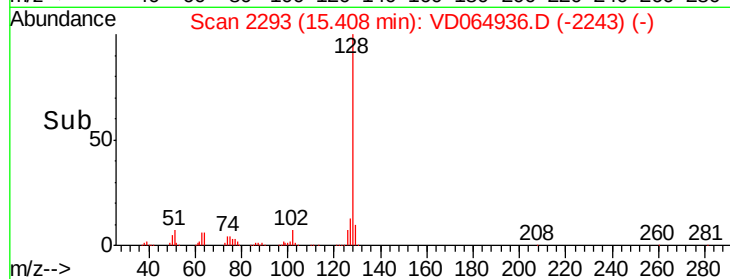
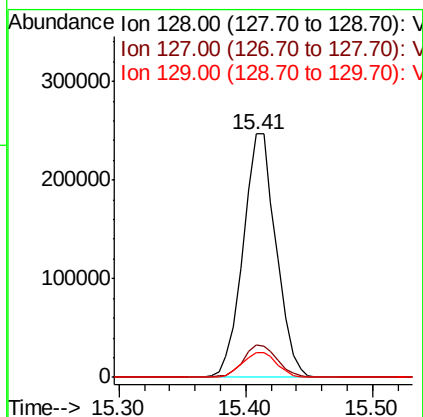
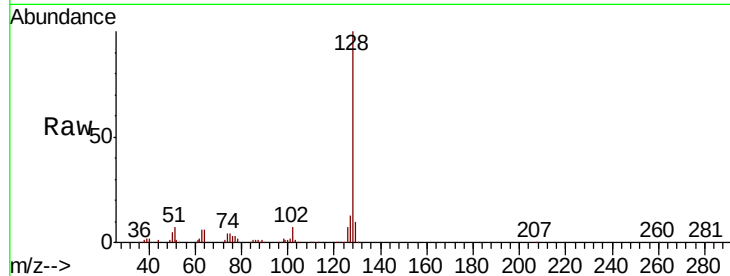




#95
Naphthalene
Concen: 49.255 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:128 Resp: 446329
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.9 9.3 13.9



#96
1,2,3-Trichlorobenzene
Concen: 47.550 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD064936.D
Acq: 24 Jan 2020 10:10

Tgt Ion:180 Resp: 231489
Ion Ratio Lower Upper
180 100
182 96.4 47.3 141.8
145 30.1 14.6 43.8

