

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042220\
 Data File : VD065669.D
 Acq On : 22 Apr 2020 18:19
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 04:16:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:14:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	225766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	321500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	257993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	153378	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	92259	47.36	ug/l	0.00
Spiked Amount						
			Recovery	=	94.72%	
35) Dibromofluoromethane	7.92	113	94632	46.07	ug/l	0.00
Spiked Amount						
			Recovery	=	92.14%	
50) Toluene-d8	10.34	98	347087	46.28	ug/l	0.00
Spiked Amount						
			Recovery	=	92.56%	
62) 4-Bromofluorobenzene	12.64	95	110613	45.81	ug/l	0.00
Spiked Amount						
			Recovery	=	91.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	97494	56.811	ug/l	98
3) Chloromethane	2.21	50	102323	53.741	ug/l	99
4) Vinyl Chloride	2.35	62	110389	51.566	ug/l	100
5) Bromomethane	2.77	94	70939	53.861	ug/l	94
6) Chloroethane	2.93	64	69224	52.182	ug/l	95
7) Trichlorofluoromethane	3.27	101	159546	50.712	ug/l	96
8) Diethyl Ether	3.71	74	36535	63.513	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	78963	62.512	ug/l	100
10) Methyl Iodide	4.29	142	105213	70.359	ug/l	96
11) Tert butyl alcohol	5.24	59	30588	288.743	ug/l	100
12) 1,1-Dichloroethene	4.06	96	73280	63.870	ug/l	98
13) Acrolein	3.93	56	26775	323.304	ug/l	99
14) Allyl chloride	4.71	41	169026	77.555	ug/l	93
15) Acrylonitrile	5.43	53	123439	297.865	ug/l	98
16) Acetone	4.16	43	70623	285.782	ug/l	99
17) Carbon Disulfide	4.40	76	351628	80.740	ug/l	99
18) Methyl Acetate	4.73	43	62535	78.568	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	230559	61.883	ug/l	95
20) Methylene Chloride	4.96	84	120834	50.463	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	122717	59.114	ug/l	96
22) Diisopropyl ether	6.37	45	344978	61.513	ug/l	98
23) Vinyl Acetate	6.31	43	989924	318.768	ug/l	99
24) 1,1-Dichloroethane	6.26	63	204668	57.075	ug/l	99
25) 2-Butanone	7.22	43	147639	280.492	ug/l	98
26) 2,2-Dichloropropane	7.21	77	166350	51.398	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	130444	57.928	ug/l	97
28) Bromochloromethane	7.55	49	74956	49.863	ug/l	98
29) Tetrahydrofuran	7.57	42	100799	299.776	ug/l	99
30) Chloroform	7.71	83	207904	54.684	ug/l	96
31) Cyclohexane	7.98	56	184777	52.154	ug/l	96
32) 1,1,1-Trichloroethane	7.91	97	183379	53.274	ug/l	98
36) 1,1-Dichloropropene	8.11	75	164236	53.208	ug/l	99
37) Ethyl Acetate	7.30	43	68592	53.075	ug/l	99
38) Carbon Tetrachloride	8.10	117	170493	51.124	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	195901	55.410	ug/l	98
40) Benzene	8.36	78	475054	54.485	ug/l	97
41) Methacrylonitrile	7.53	41	40795	59.005	ug/l	96
42) 1,2-Dichloroethane	8.43	62	134302	54.465	ug/l	100
43) Isopropyl Acetate	8.46	43	126993	55.908	ug/l	99
44) Trichloroethene	9.11	130	132018	53.301	ug/l	98
45) 1,2-Dichloropropane	9.39	63	116650	54.631	ug/l	96
46) Dibromomethane	9.48	93	61366	53.949	ug/l	98
47) Bromodichloromethane	9.67	83	159677	53.303	ug/l	97
48) Methyl methacrylate	9.46	41	62996	58.172	ug/l	99
49) 1,4-Dioxane	9.47	88	15402	1170.670	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	338385	287.760	ug/l	100
52) Toluene	10.41	92	302104	54.972	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	151752	55.762	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	175299	53.316	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	86215	53.727	ug/l	99
56) Ethyl methacrylate	10.67	69	104039	52.990	ug/l	94
57) 1,3-Dichloropropane	10.95	76	148616	55.169	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	235353	239.156	ug/l	100
59) 2-Hexanone	10.99	43	230679	289.527	ug/l	98
60) Dibromochloromethane	11.14	129	112763	53.569	ug/l	98
61) 1,2-Dibromoethane	11.25	107	82852	54.151	ug/l	100
64) Tetrachloroethene	10.88	164	113278	62.295	ug/l	99
65) Chlorobenzene	11.67	112	298468	59.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	121064	62.941	ug/l	97
67) Ethyl Benzene	11.75	91	554374	65.259	ug/l	99
68) m/p-Xylenes	11.86	106	439191	131.708	ug/l	99
69) o-Xylene	12.18	106	197081	68.955	ug/l	99
70) Styrene	12.20	104	352440	68.821	ug/l	99
71) Bromoform	12.37	173	69194	61.996	ug/l #	99
73) Isopropylbenzene	12.48	105	496249	55.131	ug/l	100
74) N-amyl acetate	12.30	43	114820	57.913	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	85220	50.525	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	114679	101.926	ug/l #	100
77) Bromobenzene	12.77	156	129160	53.682	ug/l	97
78) n-propylbenzene	12.83	91	608401	55.640	ug/l	100
79) 2-Chlorotoluene	12.91	91	352581	56.759	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	450197	58.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	29059	52.019	ug/l	95
82) 4-Chlorotoluene	13.01	91	376017	56.307	ug/l	100
83) tert-Butylbenzene	13.23	119	374277	58.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	447089	58.829	ug/l	99
85) sec-Butylbenzene	13.41	105	518233	57.029	ug/l	100
86) p-Isopropyltoluene	13.53	119	490340	58.644	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	259262	55.601	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	253509	54.105	ug/l	99
89) n-Butylbenzene	13.86	91	437909	57.640	ug/l	99
90) Hexachloroethane	14.12	117	87021	48.085	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	224560	55.569	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12830	48.906	ug/l	94

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QLast Update : Thu Apr 23 04:14:32 2020
Response via : Initial Calibration

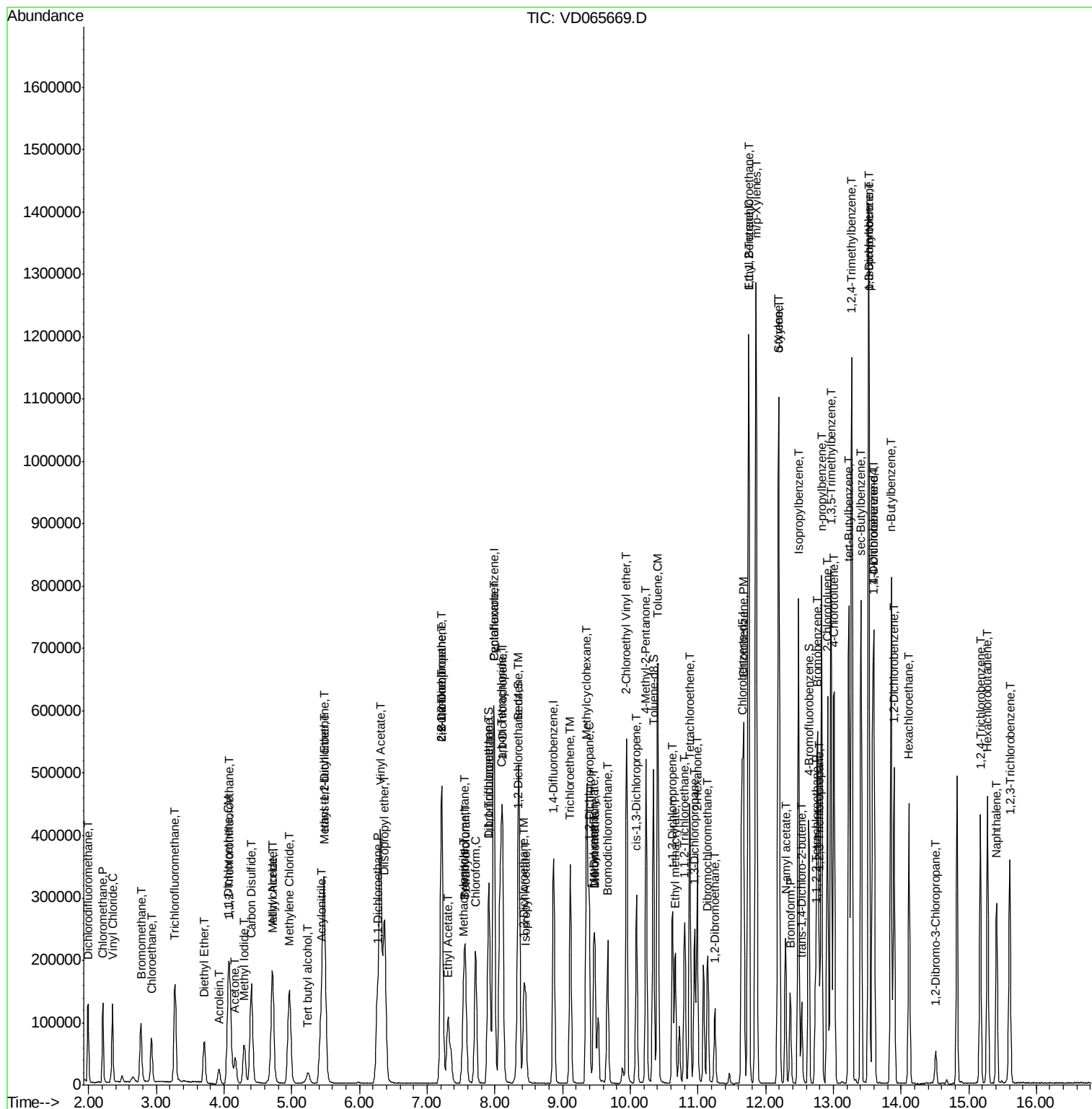
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	149116	54.247	ug/l	99
94) Hexachlorobutadiene	15.28	225	100967	53.275	ug/l	99
95) Naphthalene	15.41	128	255151	53.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	141081	57.790	ug/l	99

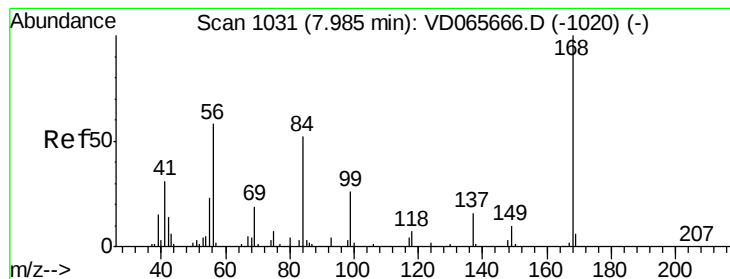
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

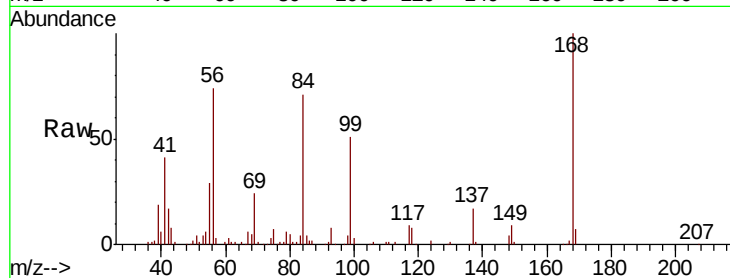
ClientSampleId :

Tot Ion:168 Resp: 225766

Ion Ratio Lower Upper

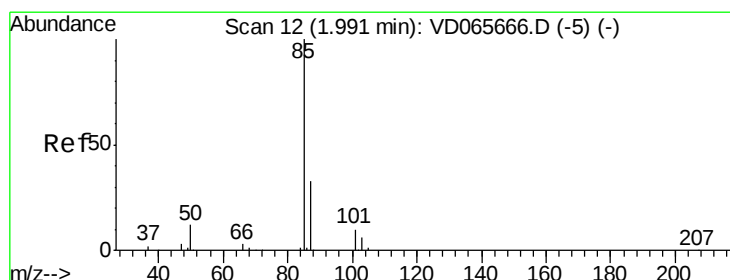
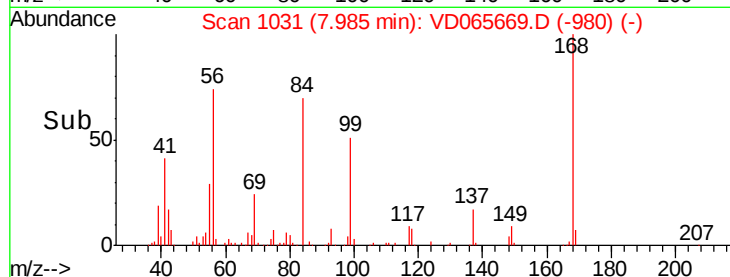
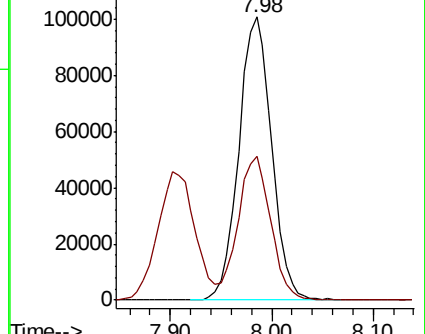
168 100

99 50.8 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 56.811 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065669.D

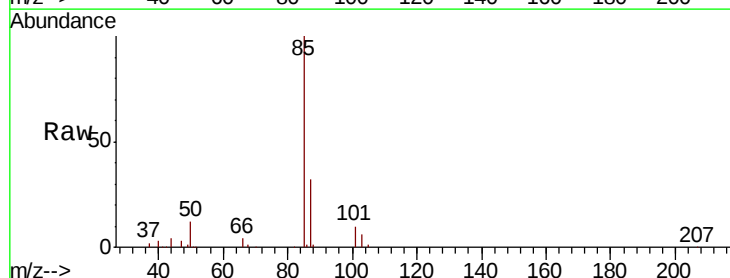
Acq: 22 Apr 2020 18:19

Tgt Ion: 85 Resp: 97494

Ion Ratio Lower Upper

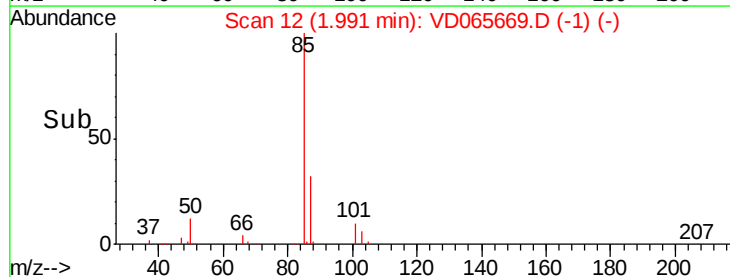
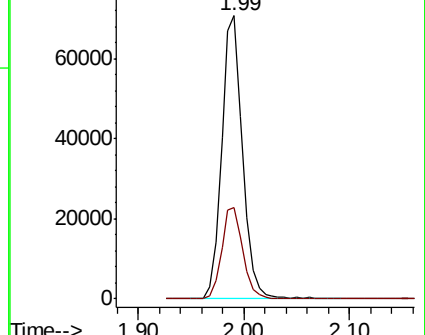
85 100

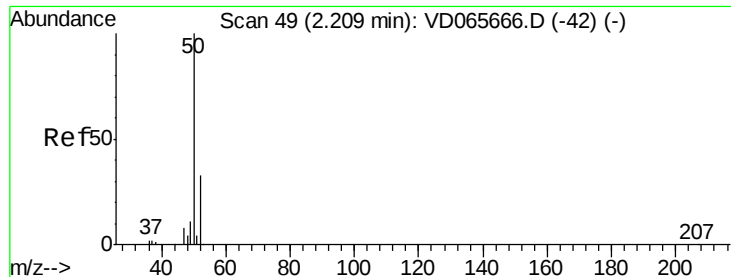
87 32.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 53.741 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

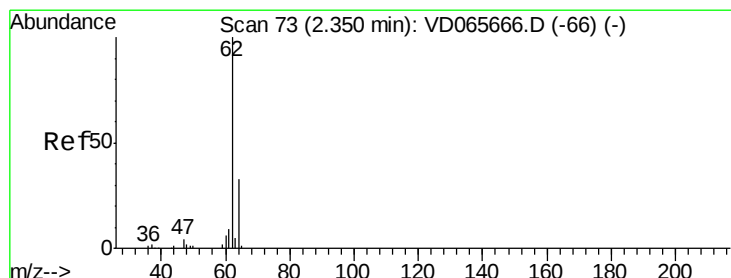
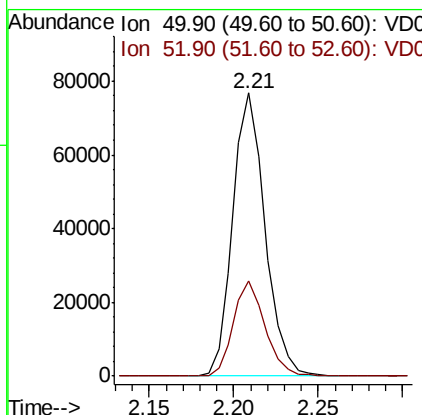
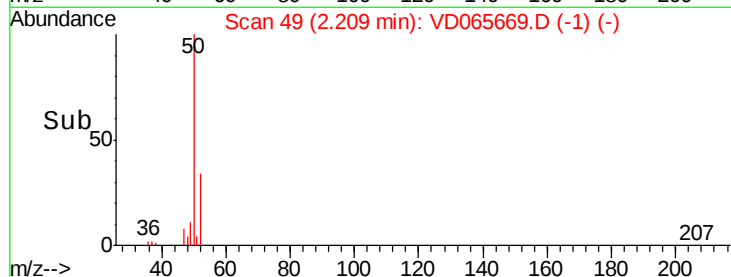
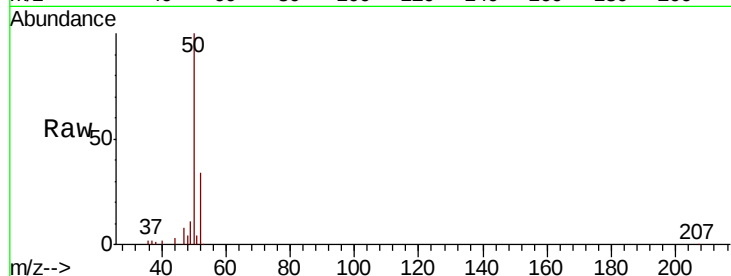
ClientSampleId :

Tot Ion: 50 Resp: 102323

Ion Ratio Lower Upper

50 100

52 33.8 26.6 39.8



#4

Vinyl Chloride

Concen: 51.566 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065669.D

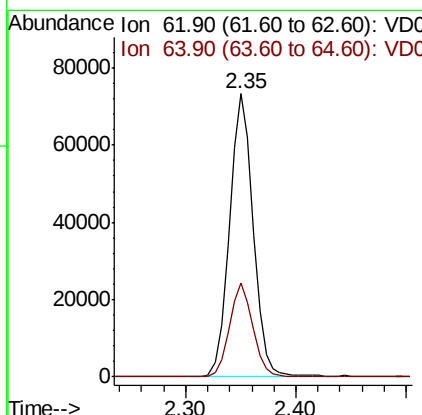
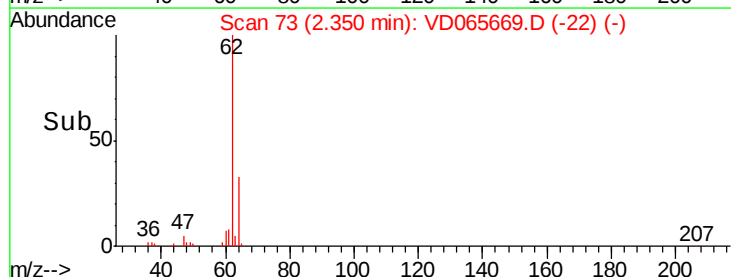
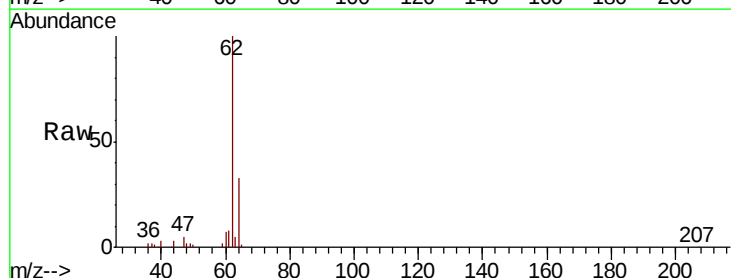
Acq: 22 Apr 2020 18:19

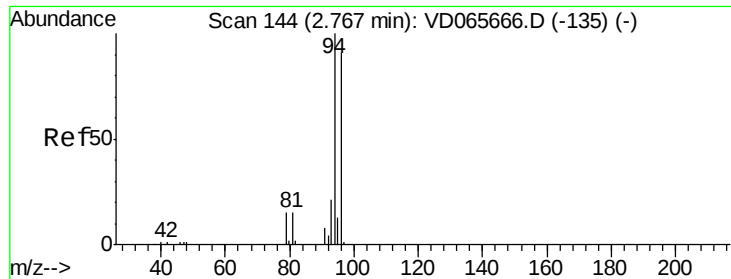
Tgt Ion: 62 Resp: 110389

Ion Ratio Lower Upper

62 100

64 33.2 26.4 39.6





#5

Bromomethane

Concen: 53.861 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

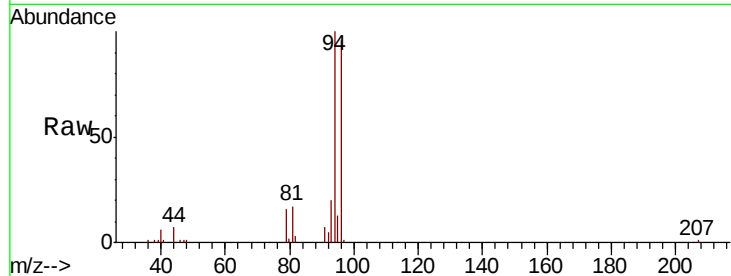
ClientSampleId :

Tot Ion: 94 Resp: 70939

Ion Ratio Lower Upper

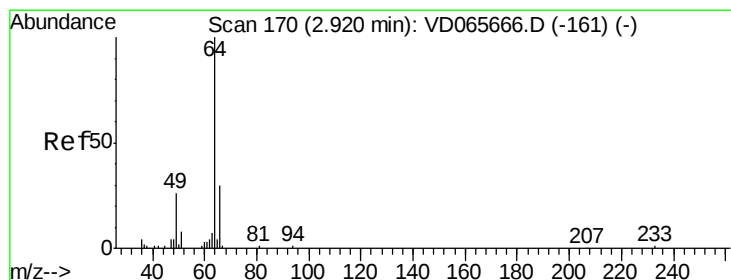
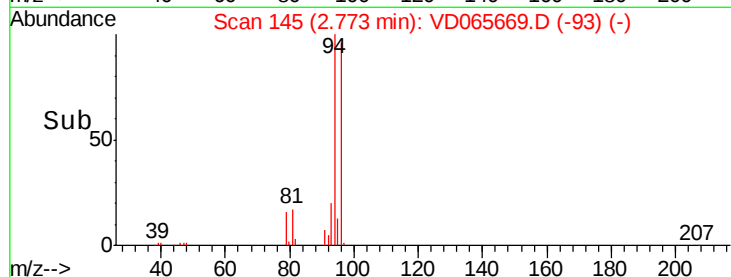
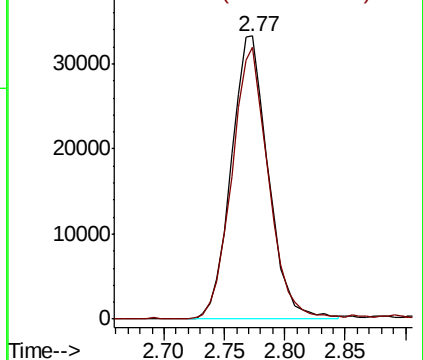
94 100

96 96.2 72.4 108.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.182 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD065669.D

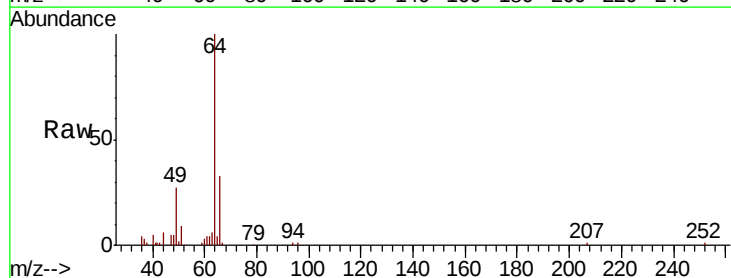
Acq: 22 Apr 2020 18:19

Tgt Ion: 64 Resp: 69224

Ion Ratio Lower Upper

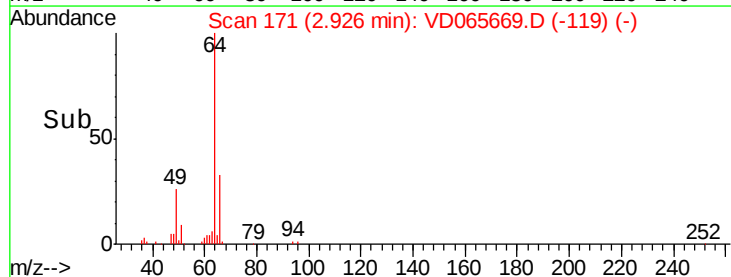
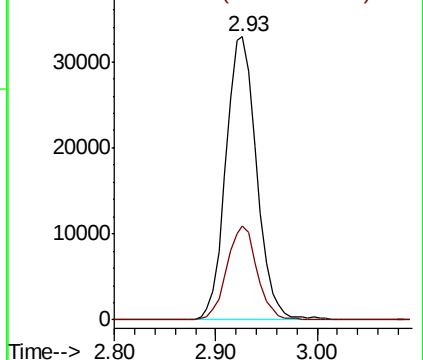
64 100

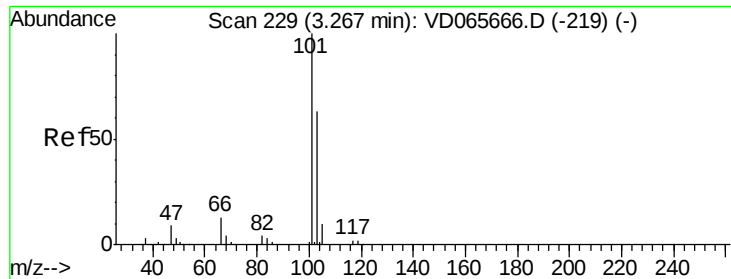
66 33.3 24.2 36.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



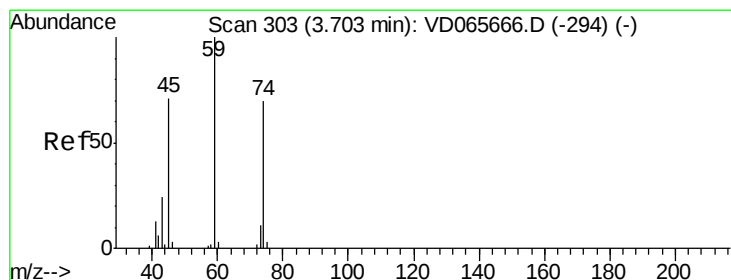
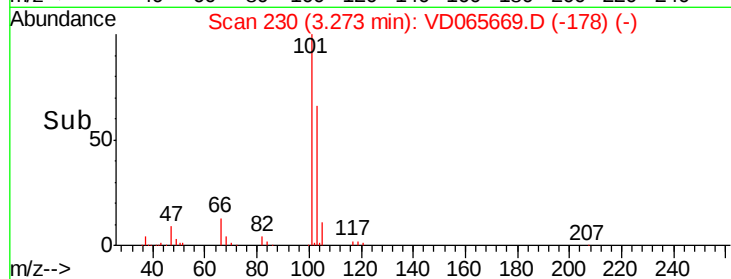
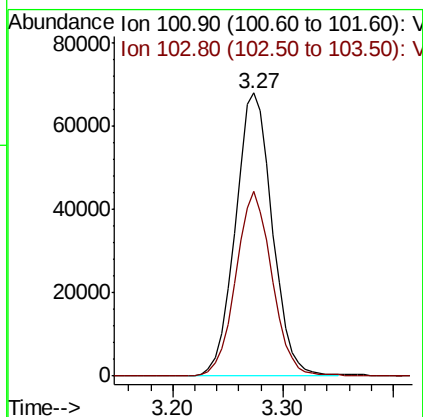
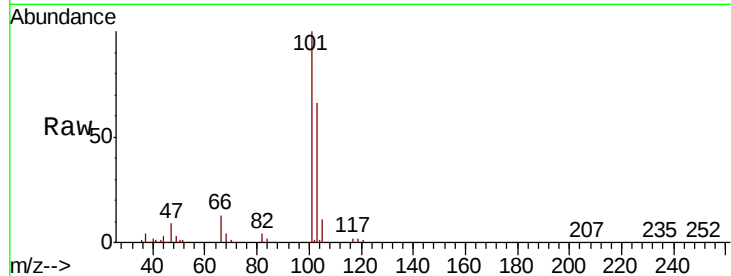


#7

Trichlorofluoromethane
Concen: 50.712 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.01 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Instrument :
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ClientSampleId :

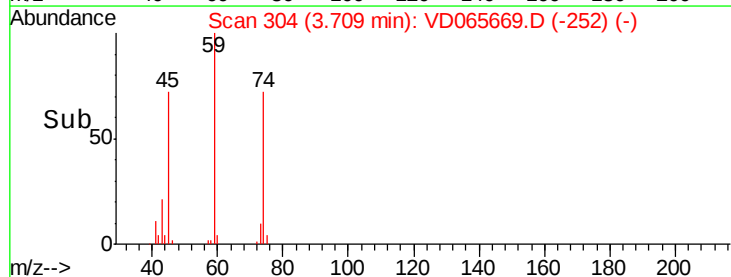
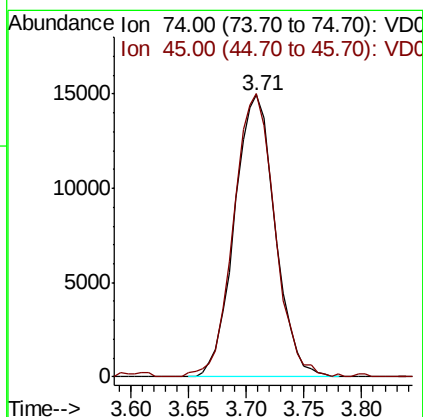
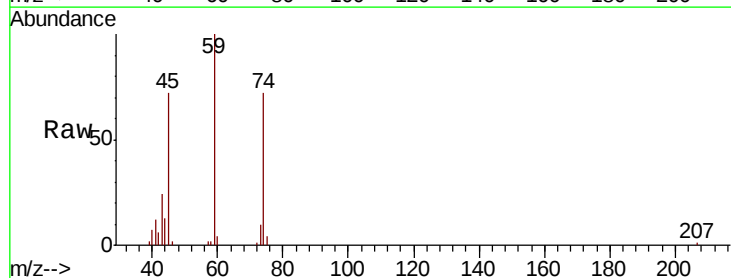
Tot Ion:101 Resp: 159546
Ion Ratio Lower Upper
101 100
103 65.5 50.2 75.2

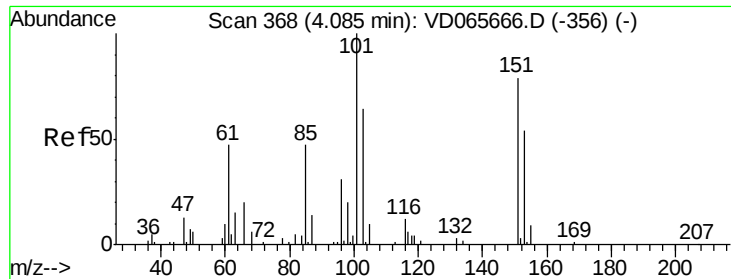


#8

Diethyl Ether
Concen: 63.513 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion: 74 Resp: 36535
Ion Ratio Lower Upper
74 100
45 101.8 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 62.512 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

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ClientSampleId :

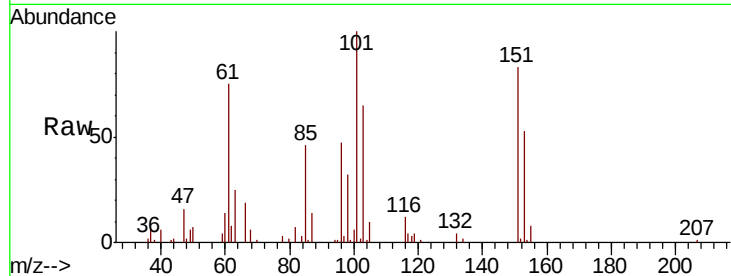
Tot Ion:101 Resp: 78963

Ion Ratio Lower Upper

101 100

85 44.3 35.6 53.4

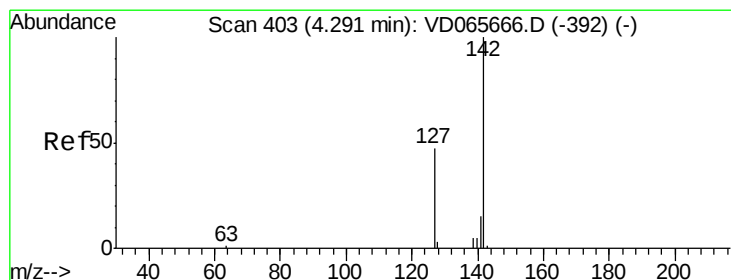
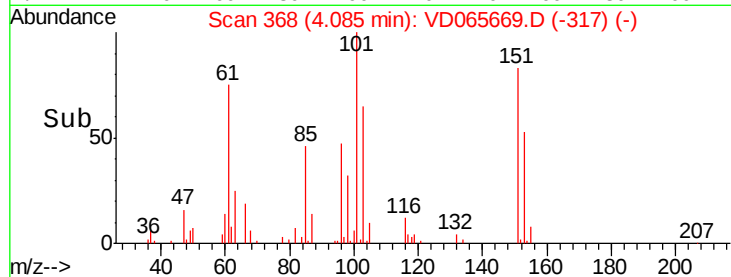
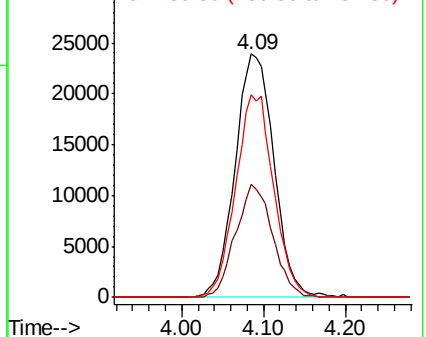
151 81.6 65.4 98.0



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: 70.359 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

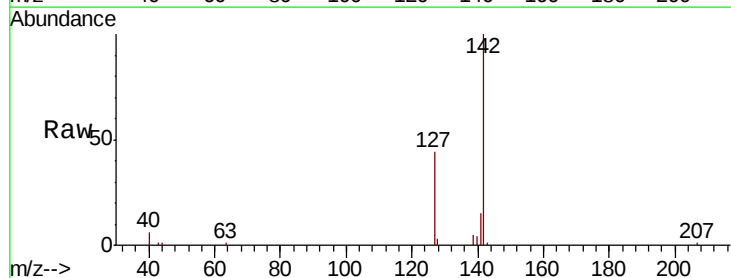
Tgt Ion:142 Resp: 105213

Ion Ratio Lower Upper

142 100

127 44.7 38.2 57.2

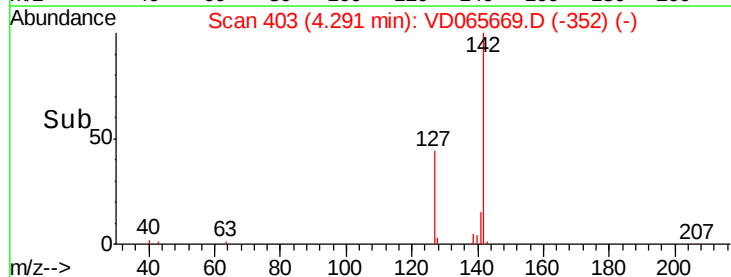
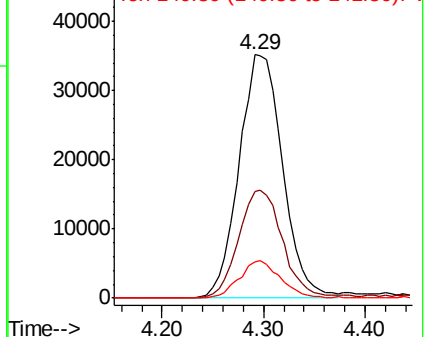
141 14.6 12.1 18.1

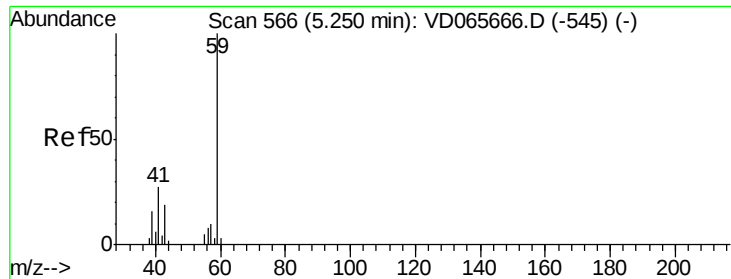


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



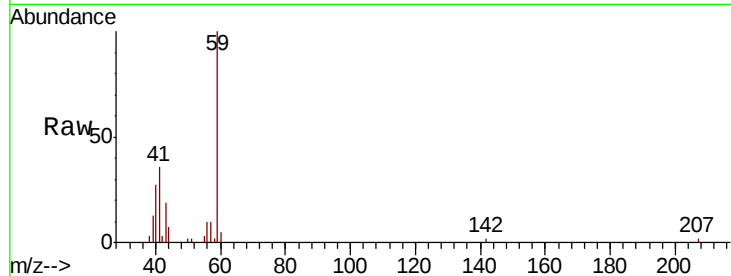


#11

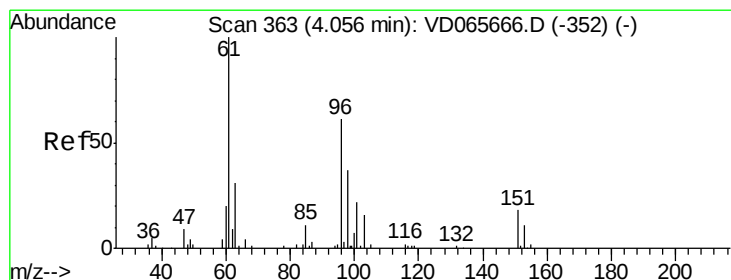
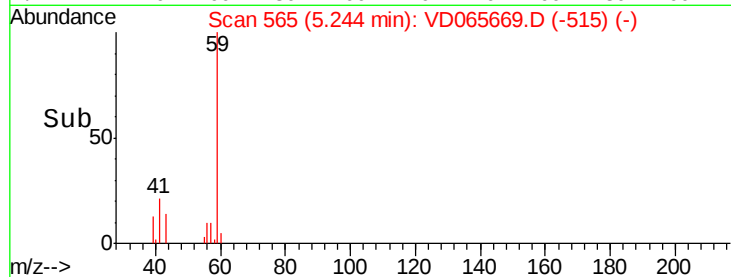
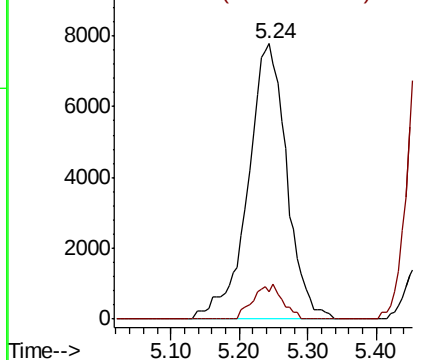
Tert butyl alcohol
 Concen: 288.743 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 59 Resp: 30588
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.5 11.3



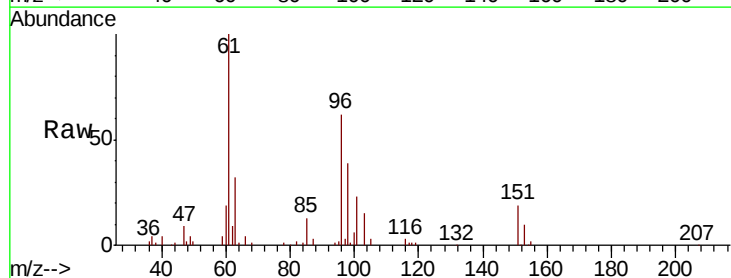
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



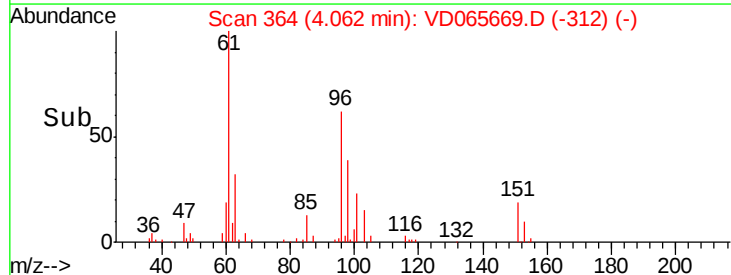
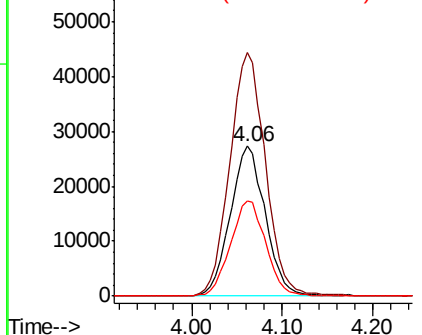
#12

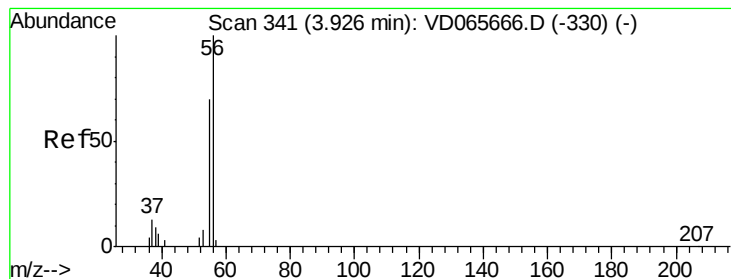
1,1-Dichloroethene
 Concen: 63.870 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Tgt Ion: 96 Resp: 73280
 Ion Ratio Lower Upper
 96 100
 61 162.2 131.8 197.6
 98 63.1 48.2 72.4



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





#13

Acrolein

Concen: 323.304 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

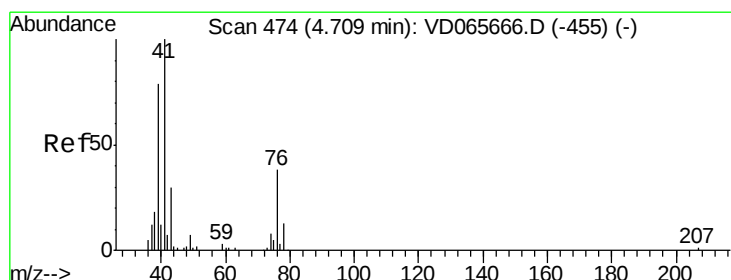
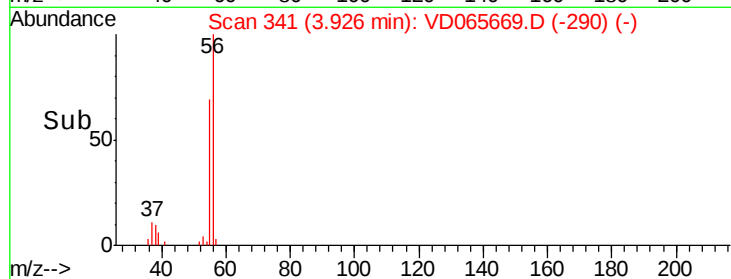
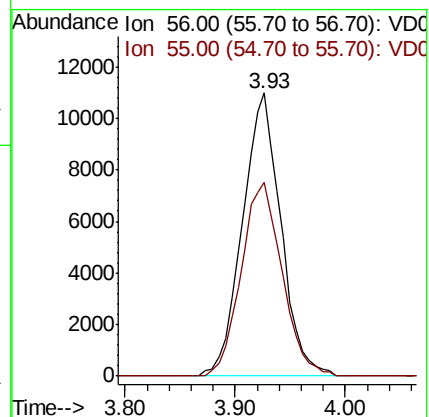
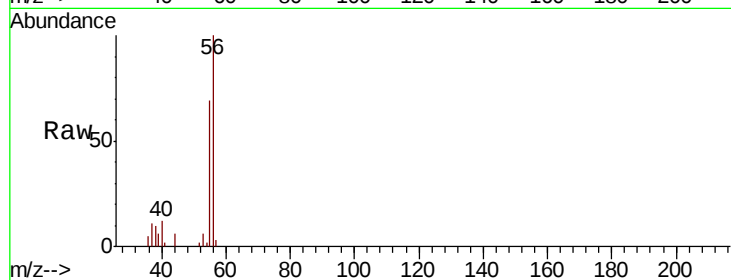
ClientSampleId :

Tot Ion: 56 Resp: 26775

Ion Ratio Lower Upper

56 100

55 72.8 57.3 85.9



#14

Allyl chloride

Concen: 77.555 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

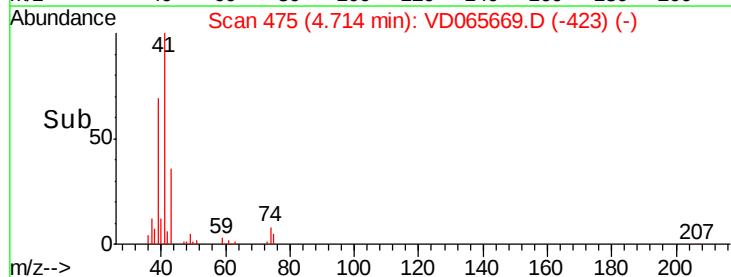
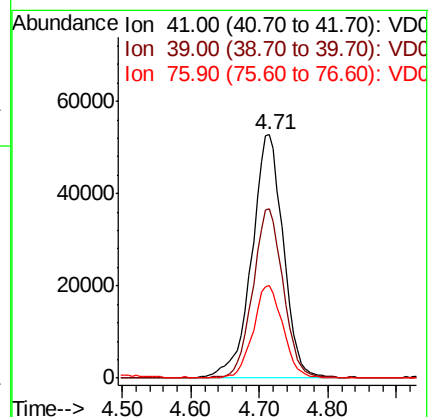
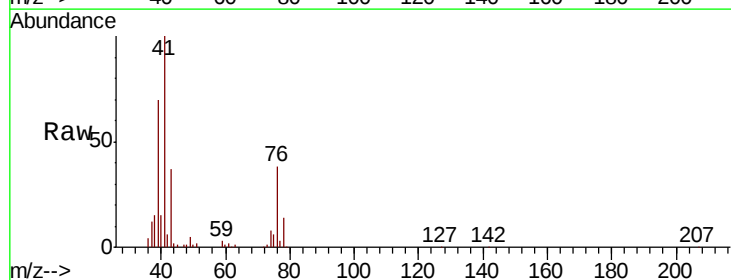
Tgt Ion: 41 Resp: 169026

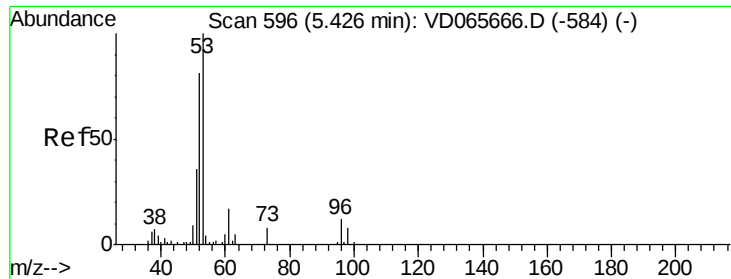
Ion Ratio Lower Upper

41 100

39 67.3 60.7 91.1

76 36.1 29.3 43.9





#15

Acrylonitrile

Concen: 297.865 ug/l

RT: 5.43 min Scan# 597

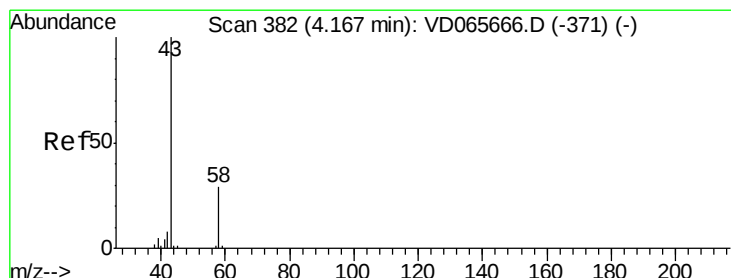
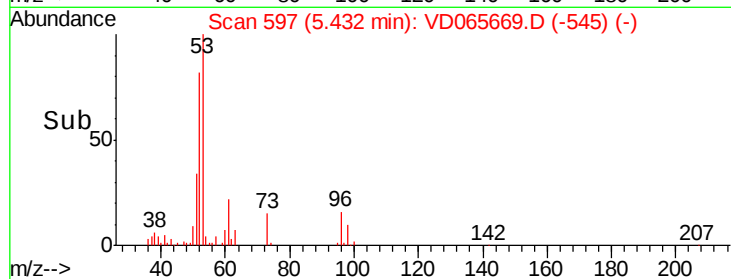
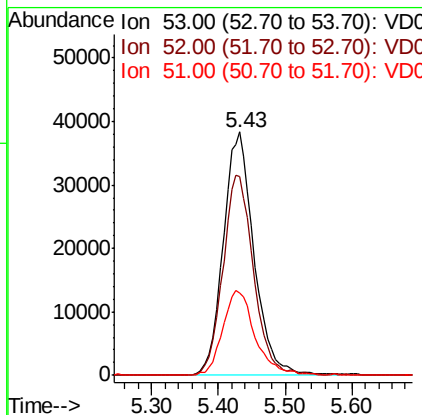
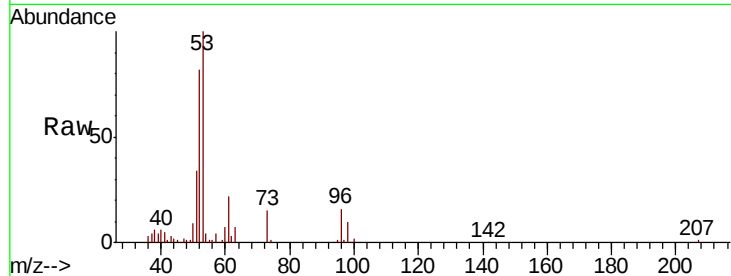
Delta R.T. 0.01 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	53	Resp:	123439
Ion	Ratio	Lower	Upper
53	100		
52	82.3	64.2	96.2
51	36.6	29.5	44.3



#16

Acetone

Concen: 285.782 ug/l

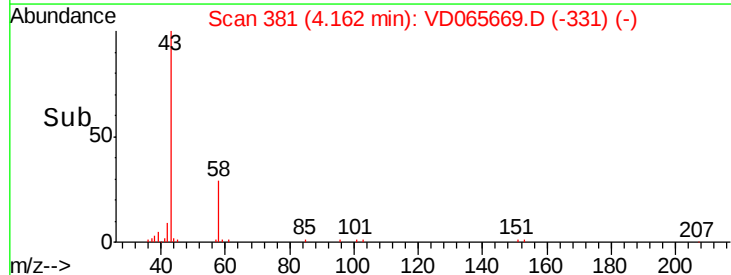
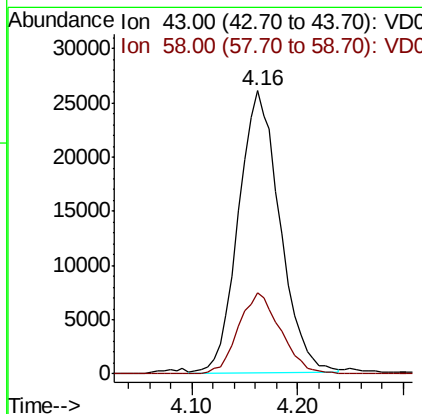
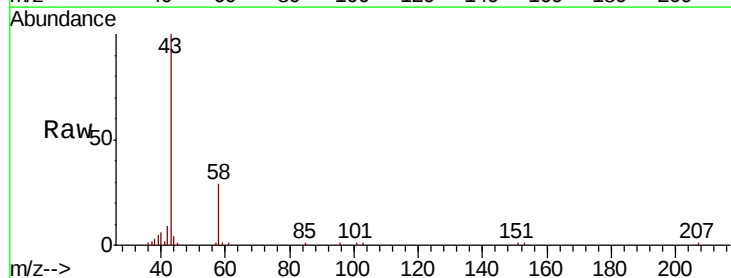
RT: 4.16 min Scan# 381

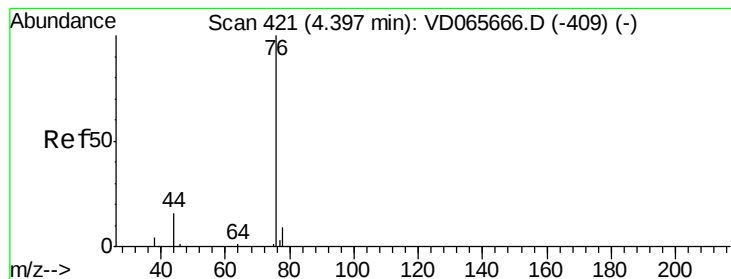
Delta R.T. -0.01 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Tgt Ion:	43	Resp:	70623
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.6	34.0





#17

Carbon Disulfide

Concen: 80.740 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

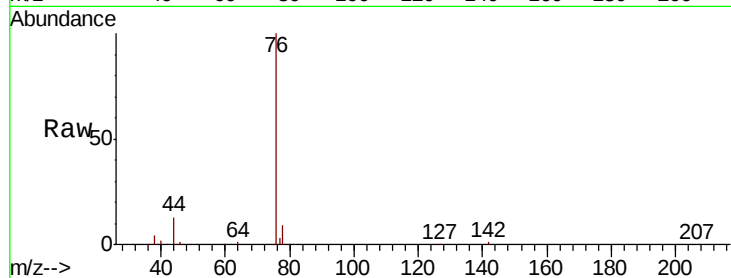
ClientSampleId :

Tot Ion: 76 Resp: 351628

Ion Ratio Lower Upper

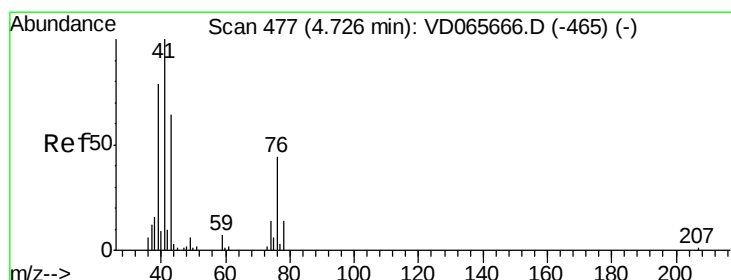
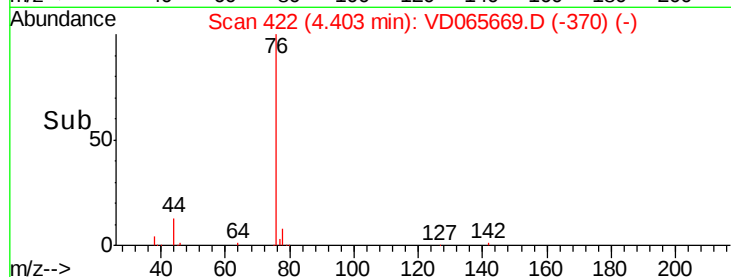
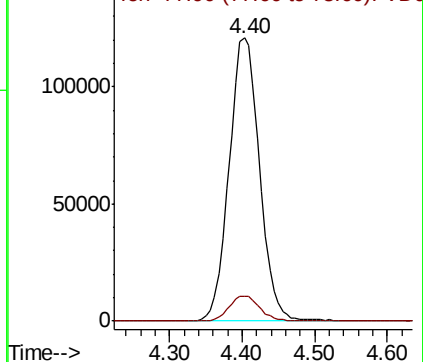
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 78.568 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD065669.D

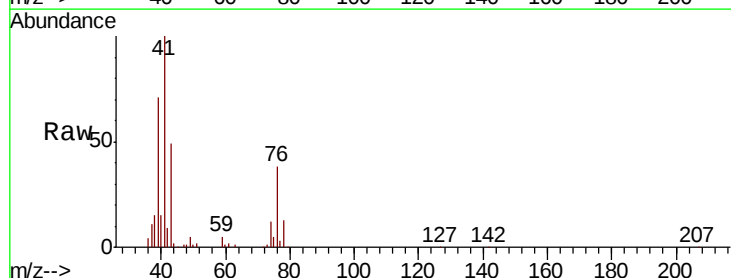
Acq: 22 Apr 2020 18:19

Tgt Ion: 43 Resp: 62535

Ion Ratio Lower Upper

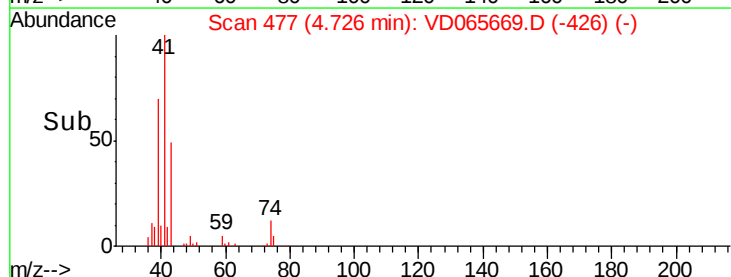
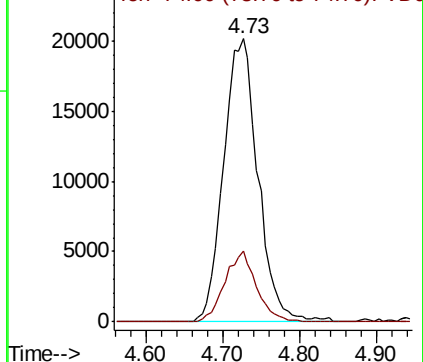
43 100

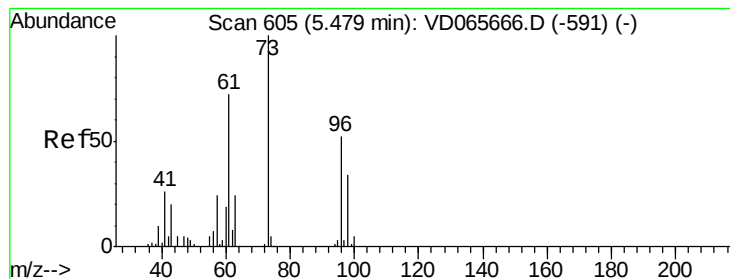
74 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



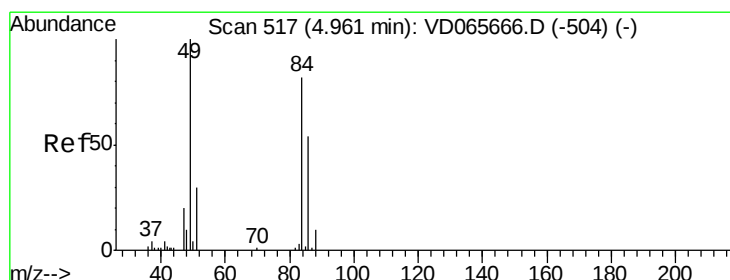
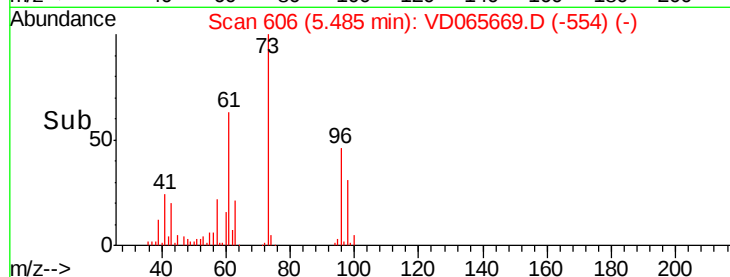
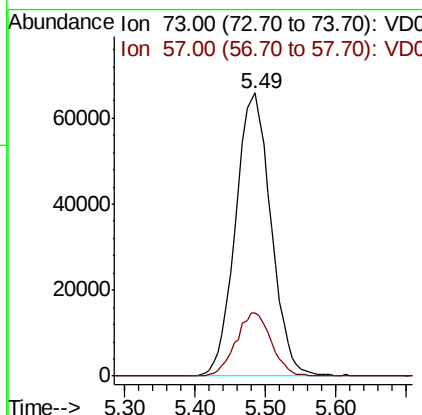
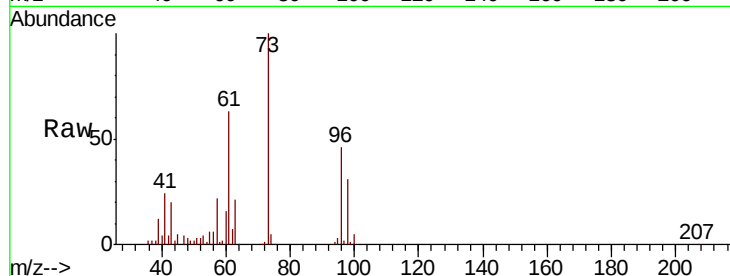


#19

Methyl tert-butyl Ether
 Concen: 61.883 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Instrument :
 MSVOA_D
 ClientSampleId :

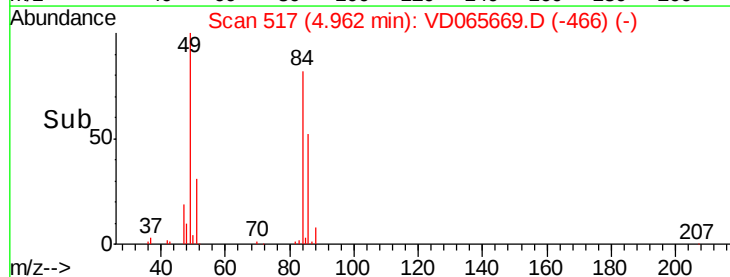
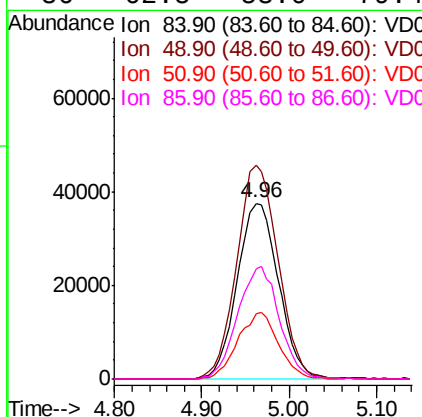
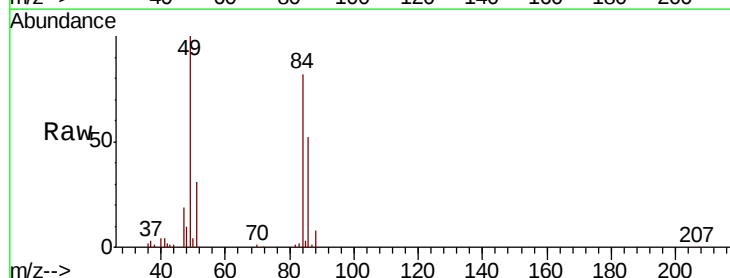
Tot Ion: 73 Resp: 230559
 Ion Ratio Lower Upper
 73 100
 57 22.2 19.6 29.4

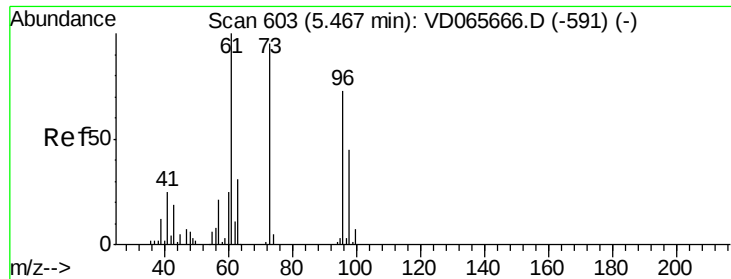


#20

Methylene Chloride
 Concen: 50.463 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Tgt Ion: 84 Resp: 120834
 Ion Ratio Lower Upper
 84 100
 49 121.4 97.7 146.5
 51 37.1 29.4 44.2
 86 62.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 59.114 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :
MSVOA_D
ClientSampled :

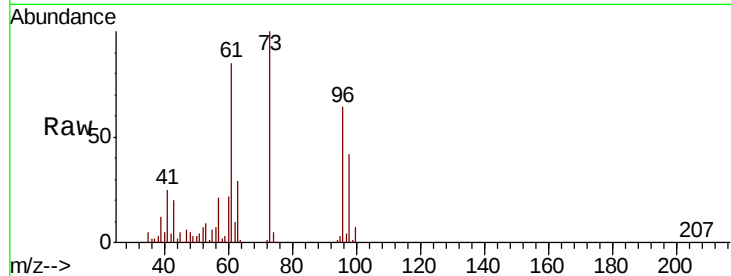
Tot Ion: 96 Resp: 122717

Ion Ratio Lower Upper

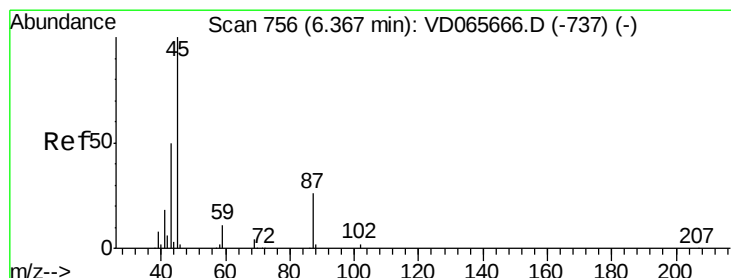
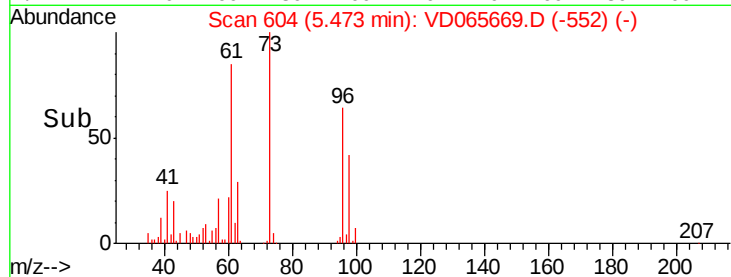
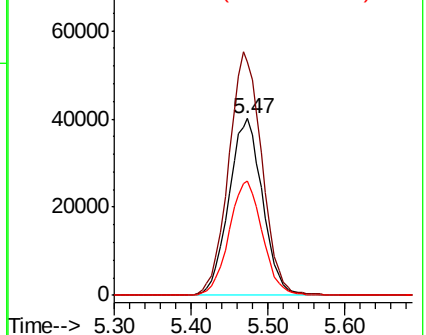
96 100

61 132.2 109.6 164.4

98 64.9 49.3 73.9



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: 61.513 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Tgt Ion: 45 Resp: 344978

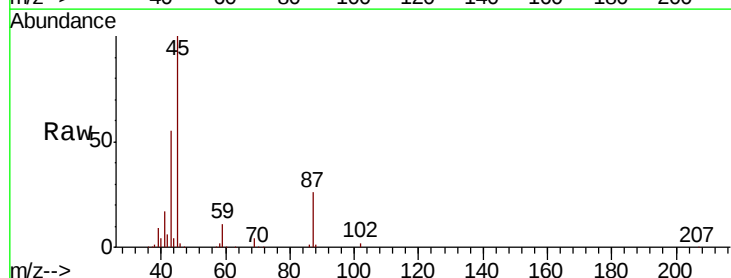
Ion Ratio Lower Upper

45 100

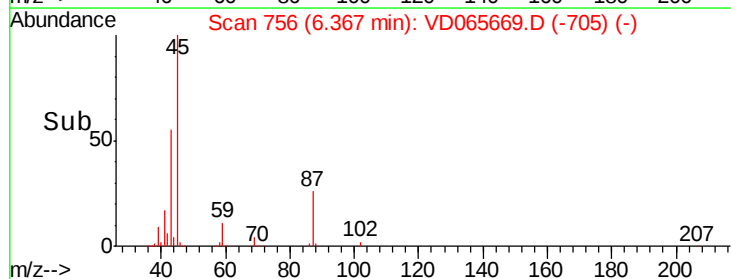
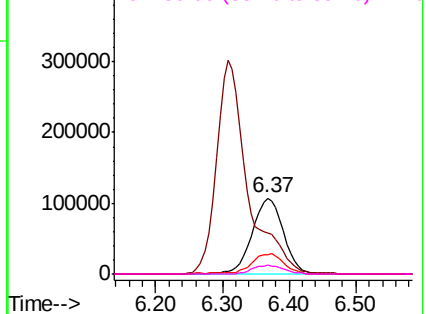
43 53.9 41.9 62.9

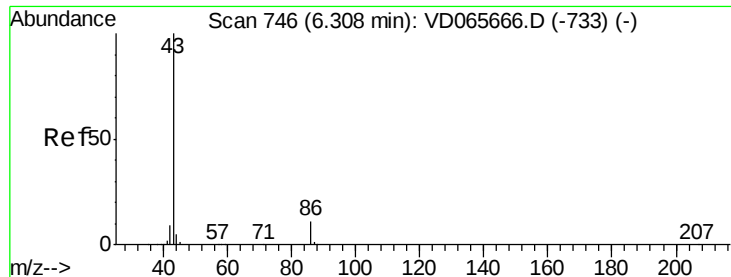
87 25.8 21.6 32.4

59 11.1 9.3 13.9



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: 318.768 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

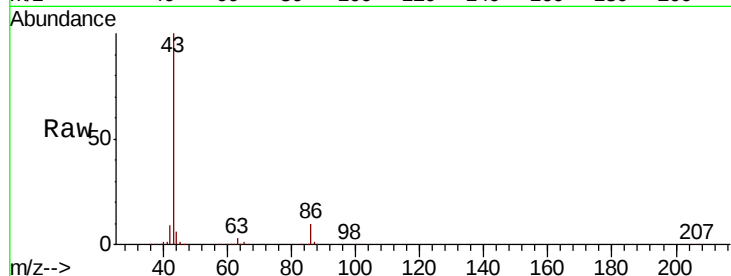
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 989924

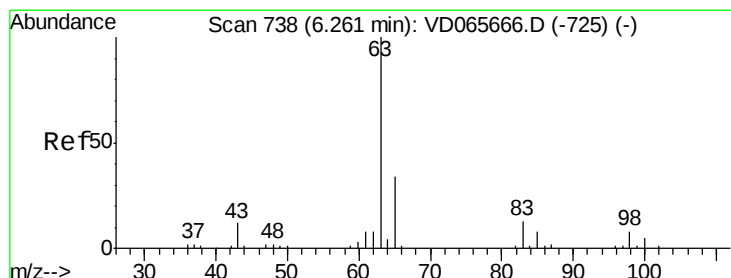
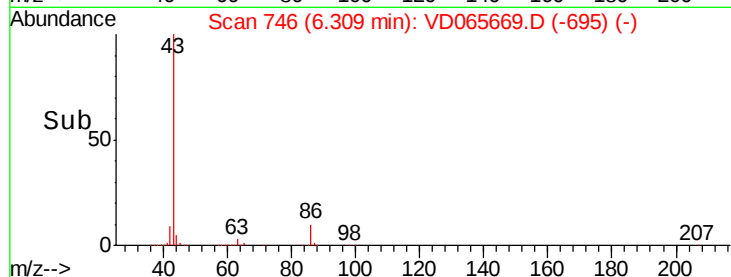
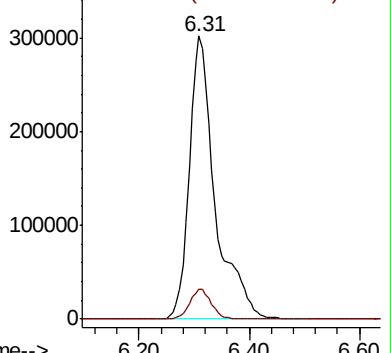
Ion Ratio Lower Upper

43 100

86 10.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 57.075 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

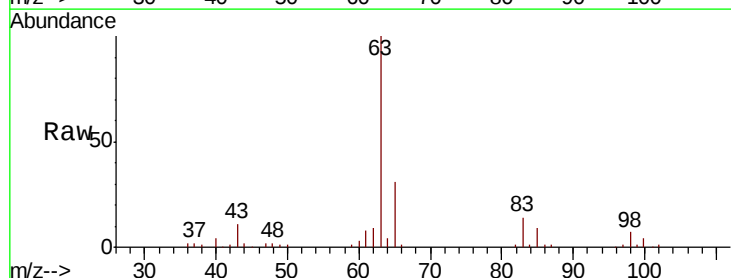
Tgt Ion: 63 Resp: 204668

Ion Ratio Lower Upper

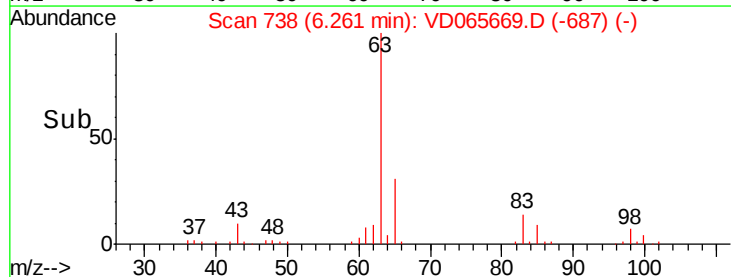
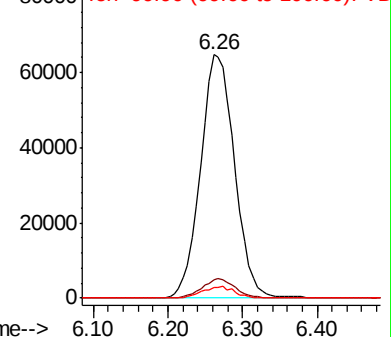
63 100

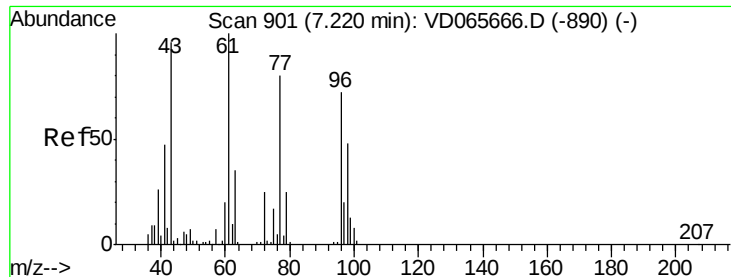
98 7.4 3.8 11.2

100 4.2 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VDC
Ion 97.90 (97.60 to 98.60): VDC
Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 280.492 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

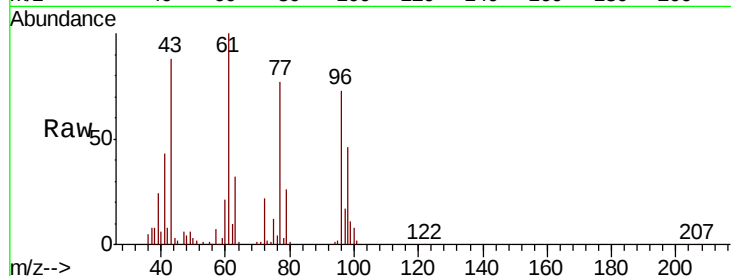
ClientSampleId :

Tot Ion: 43 Resp: 147639

Ion Ratio Lower Upper

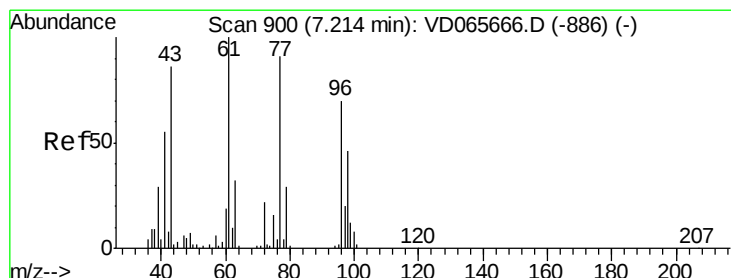
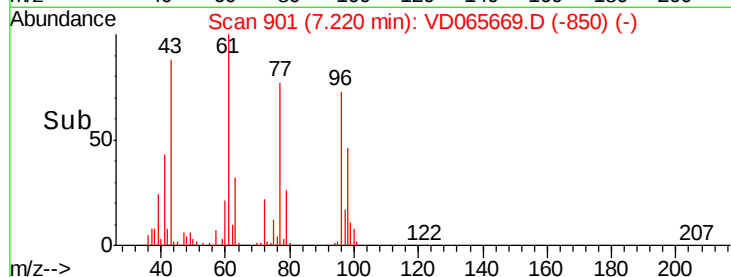
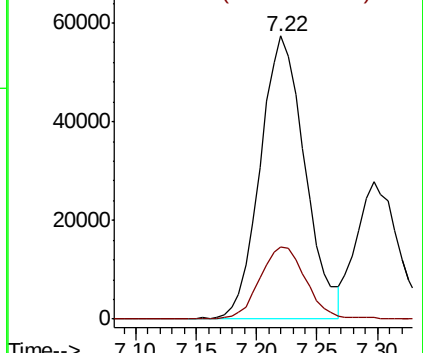
43 100

72 25.3 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 51.398 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065669.D

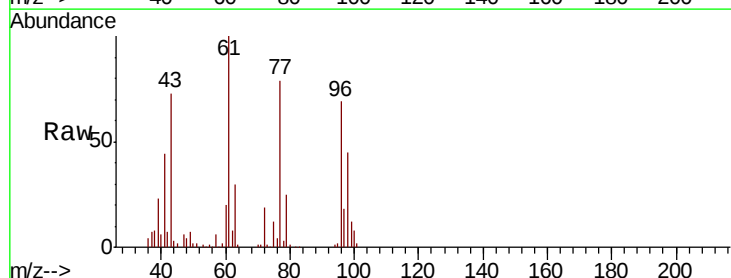
Acq: 22 Apr 2020 18:19

Tgt Ion: 77 Resp: 166350

Ion Ratio Lower Upper

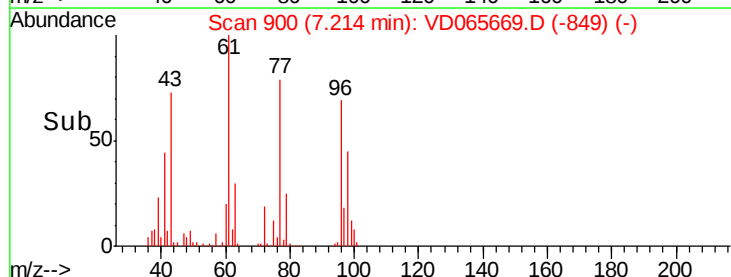
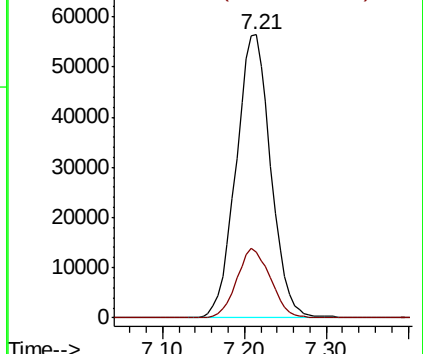
77 100

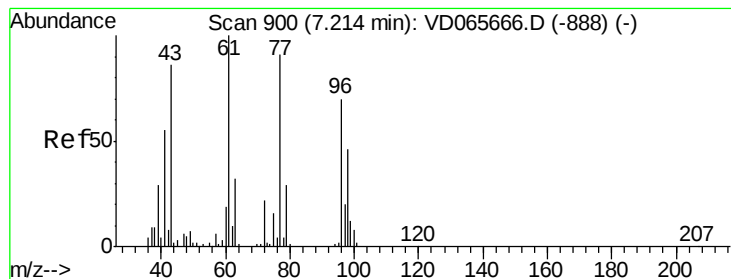
97 23.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



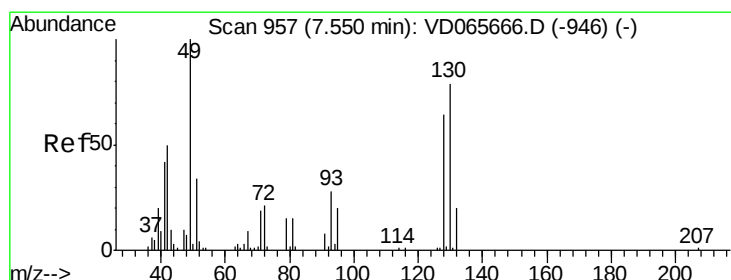
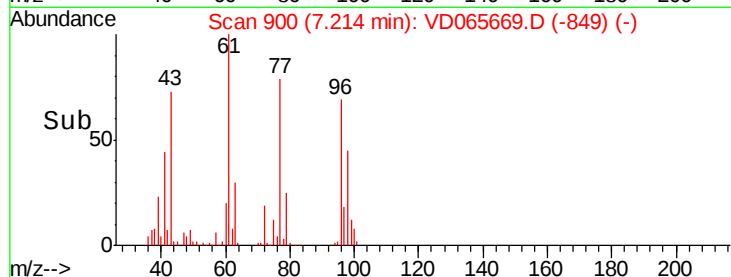
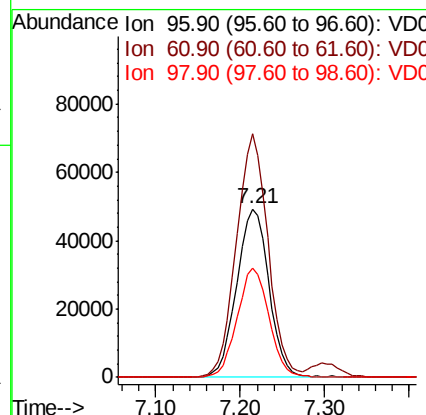
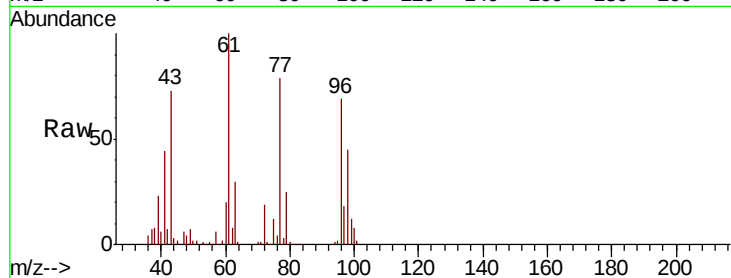


#27

cis-1,2-Dichloroethene
Concen: 57.928 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Instrument :
MSVOA_D
ClientSampleId :

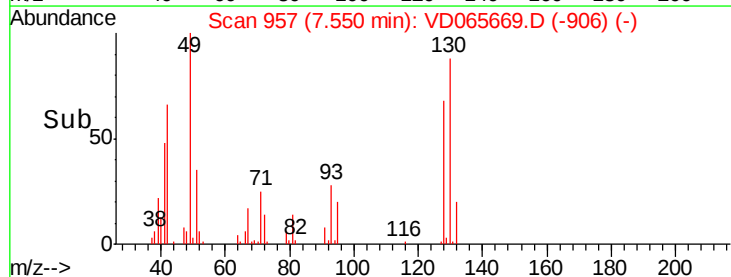
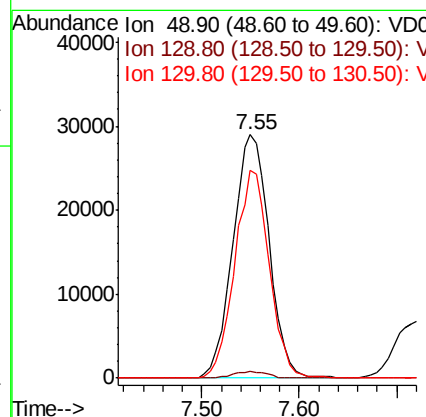
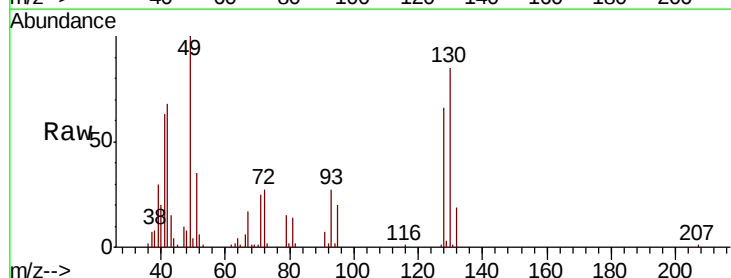
Tot Ion: 96 Resp: 130444
Ion Ratio Lower Upper
96 100
61 141.2 0.0 290.4
98 63.8 0.0 131.0

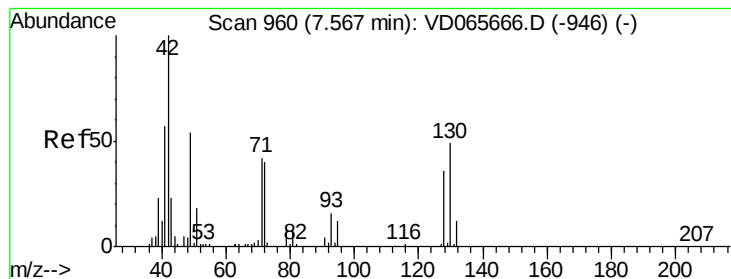


#28

Bromochloromethane
Concen: 49.863 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion: 49 Resp: 74956
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 81.5 66.3 99.5





#29

Tetrahydrofuran

Concen: 299.776 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

ClientSampled :

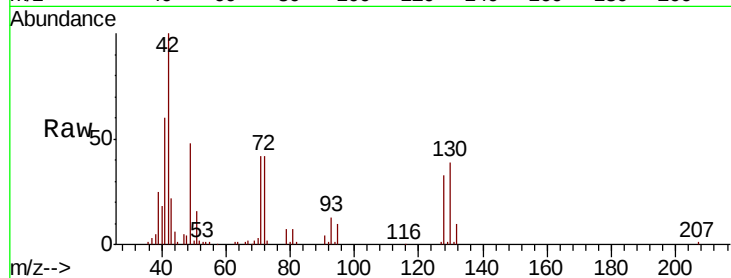
Tot Ion: 42 Resp: 100799

Ion Ratio Lower Upper

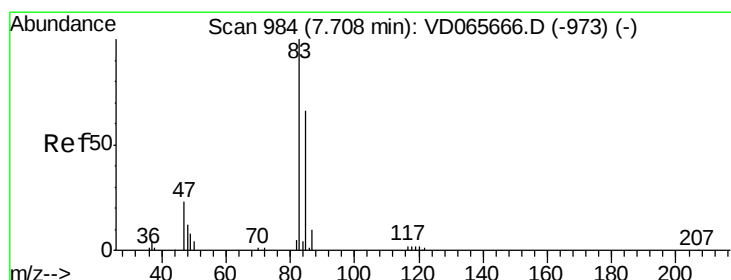
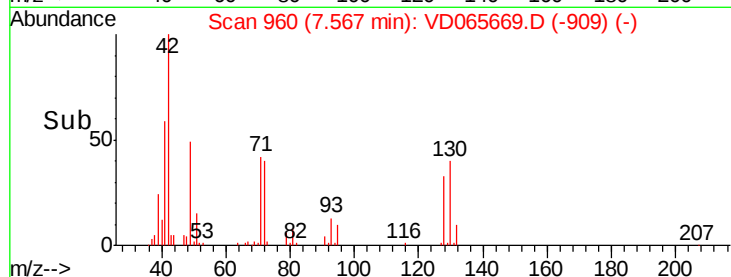
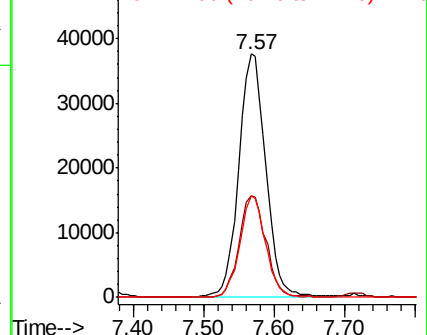
42 100

72 41.2 33.8 50.6

71 39.0 30.7 46.1



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



#30

Chloroform

Concen: 54.684 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

Lab File: VD065669.D

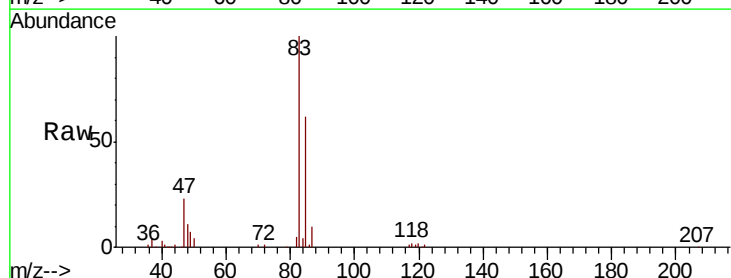
Acq: 22 Apr 2020 18:19

Tgt Ion: 83 Resp: 207904

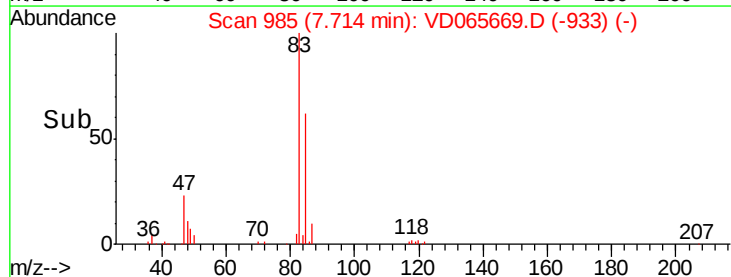
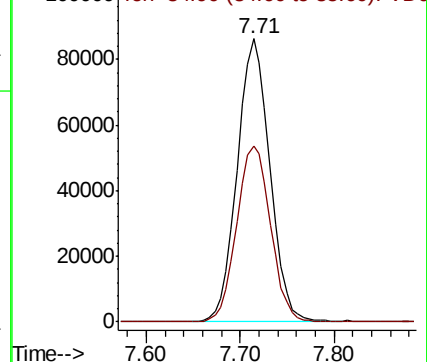
Ion Ratio Lower Upper

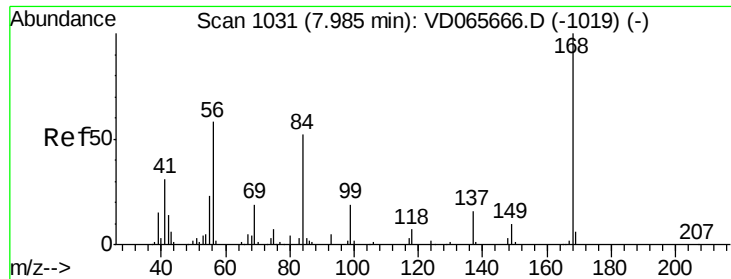
83 100

85 62.3 52.5 78.7



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

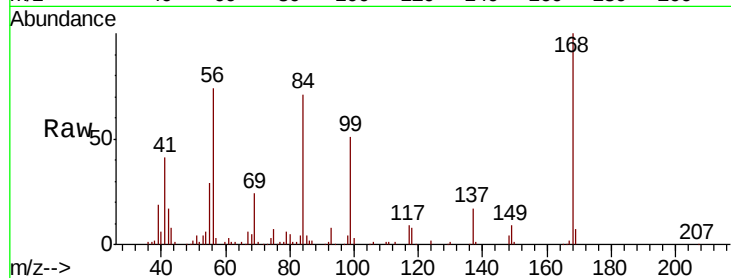




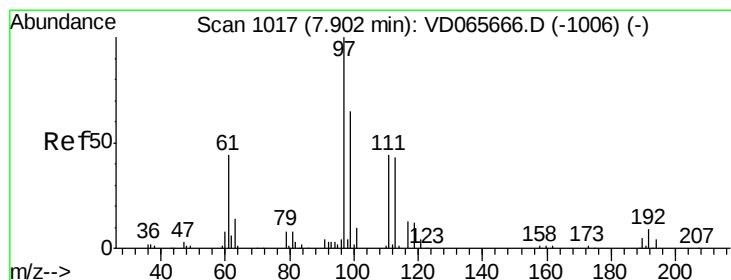
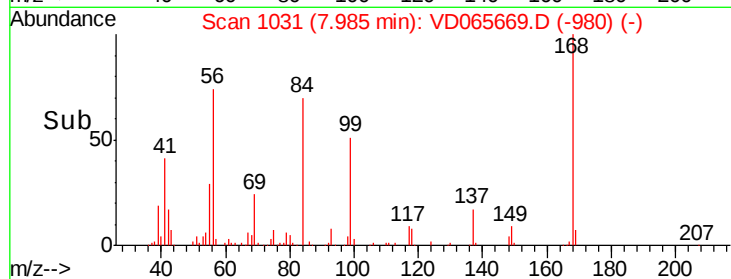
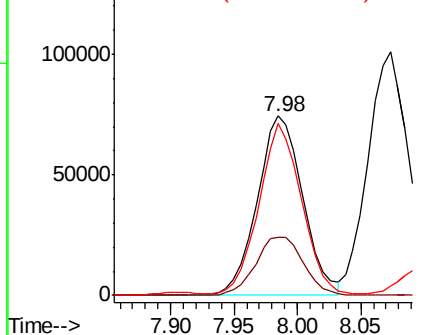
#31
Cyclohexane
Concen: 52.154 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 184777
Ion Ratio Lower Upper
56 100
69 32.4 26.3 39.5
84 94.0 71.4 107.0

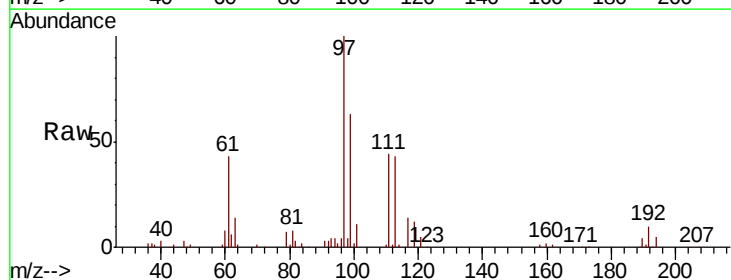


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

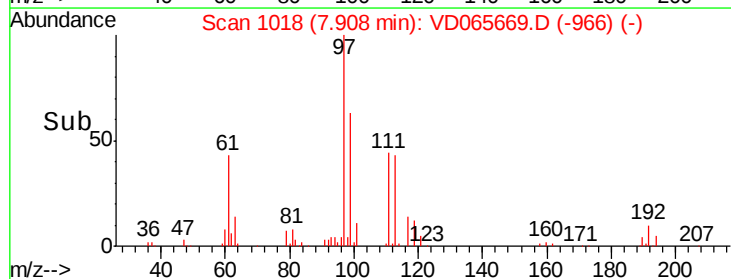
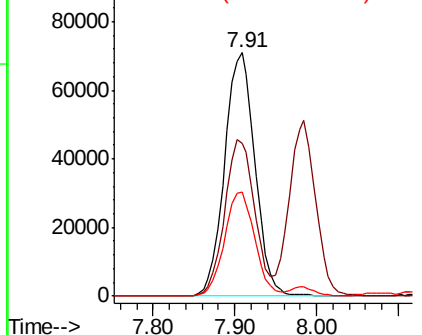


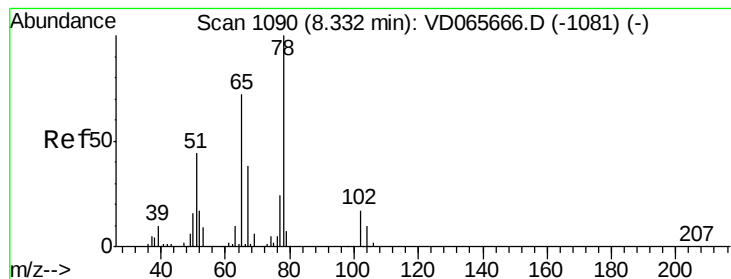
#32
1,1,1-Trichloroethane
Concen: 53.274 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion: 97 Resp: 183379
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 42.6 35.8 53.6



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: 47.363 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

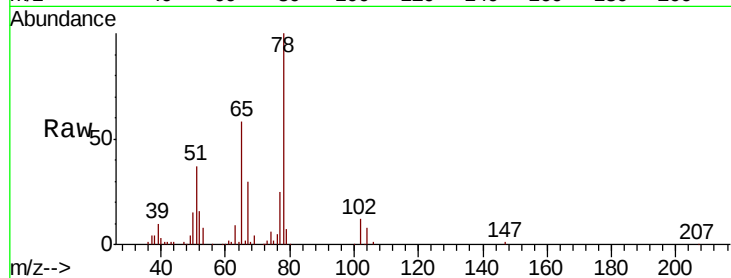
ClientSampleId :

Tot Ion: 65 Resp: 92259

Ion Ratio Lower Upper

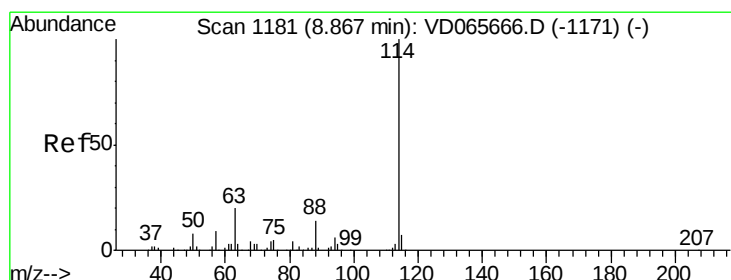
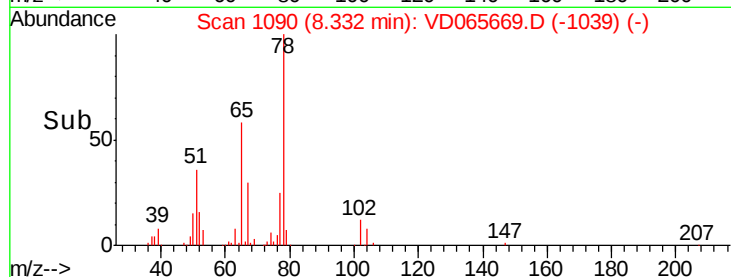
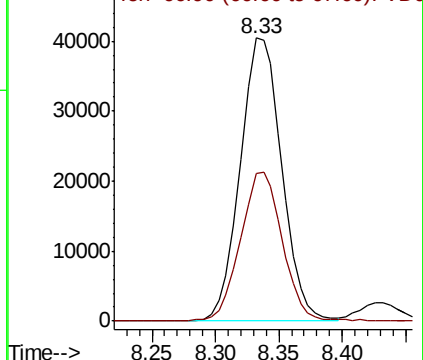
65 100

67 52.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

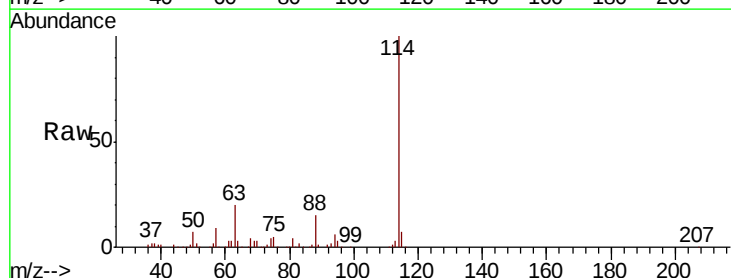
Tgt Ion: 114 Resp: 321500

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

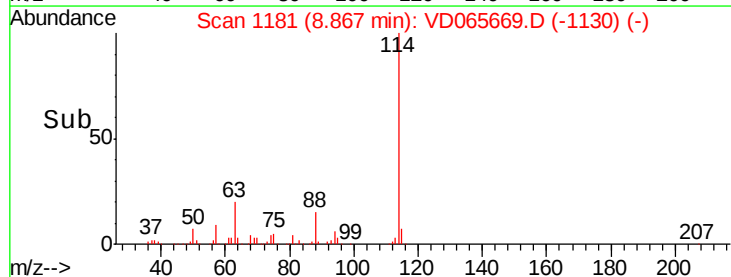
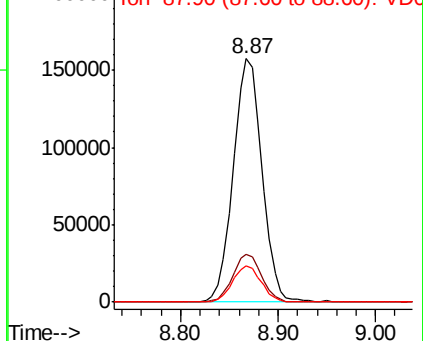
88 15.1 0.0 28.4

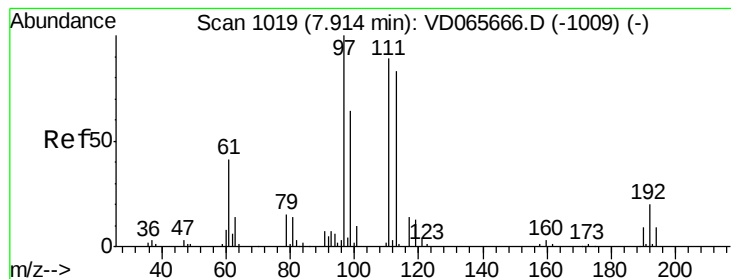


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 46.070 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

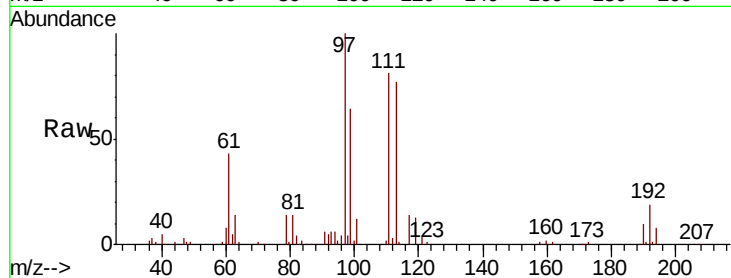
Tot Ion:113 Resp: 94632

Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

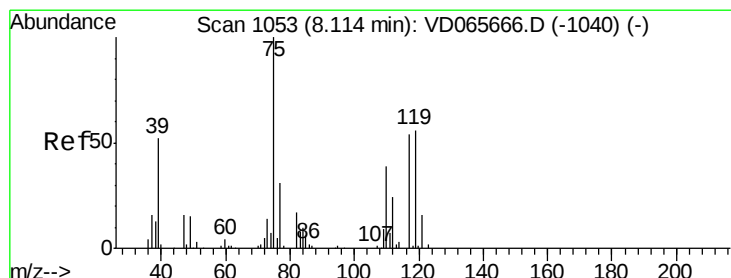
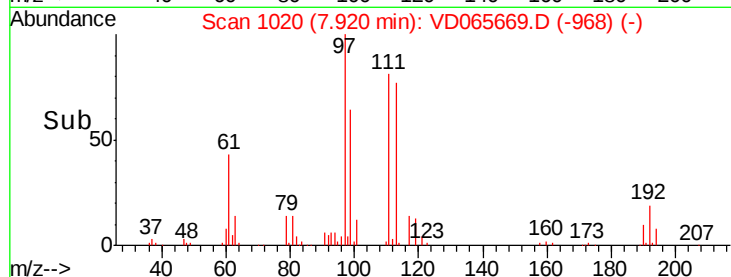
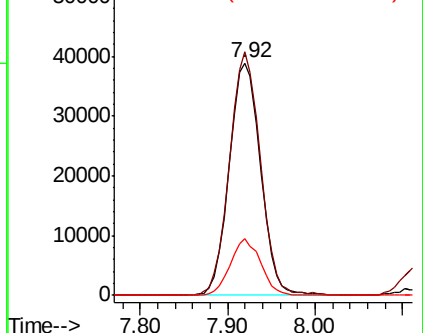
192 23.5 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.208 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

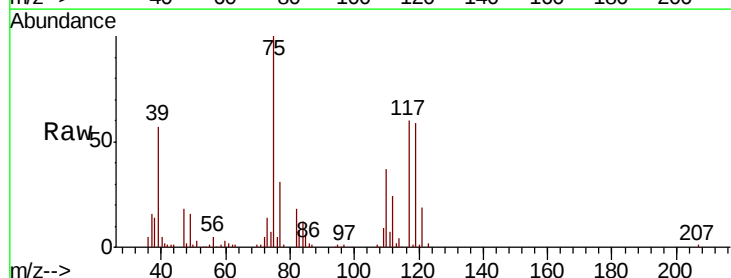
Tgt Ion: 75 Resp: 164236

Ion Ratio Lower Upper

75 100

110 36.1 18.4 55.0

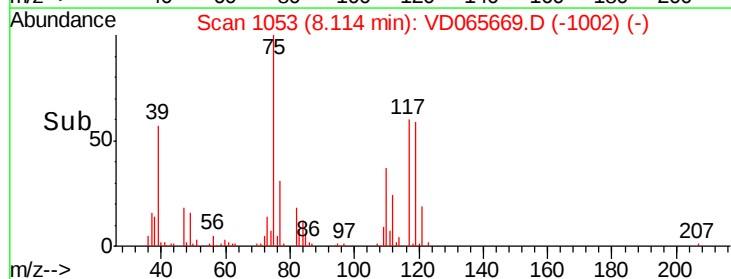
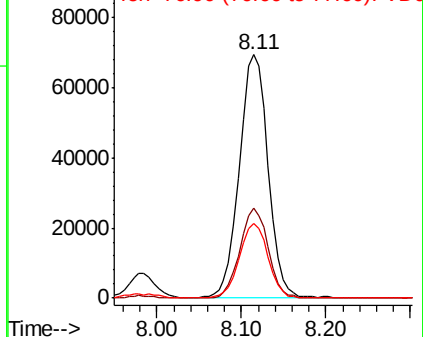
77 30.6 25.3 37.9

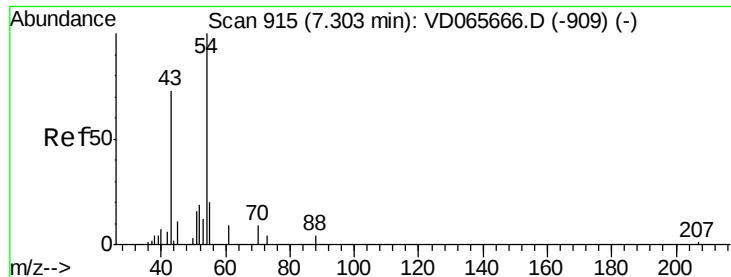


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

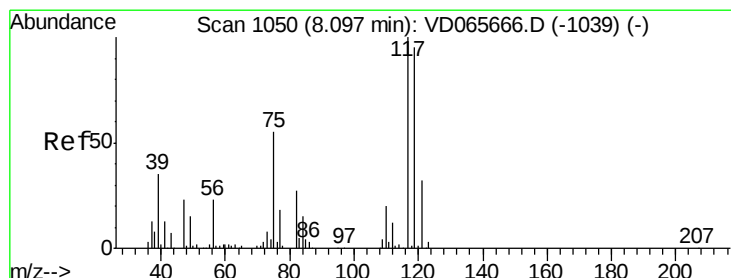
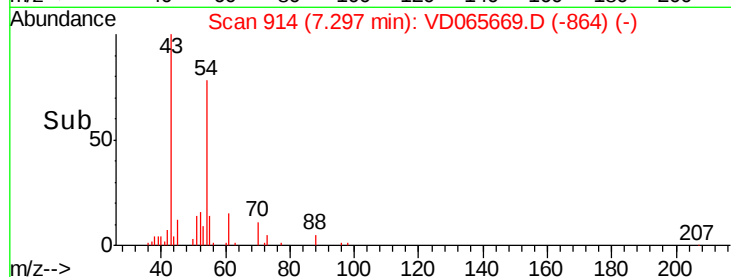
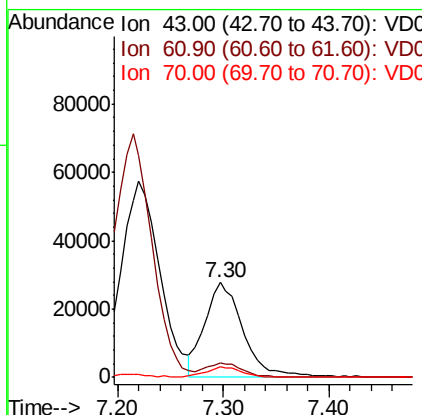
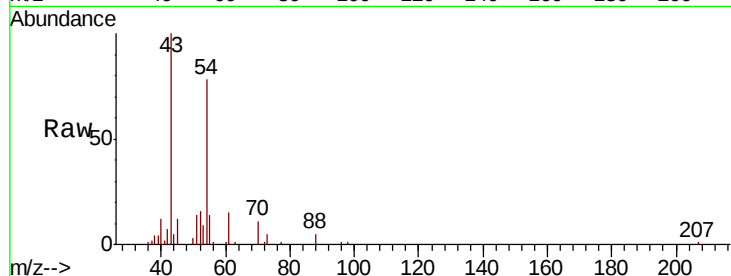




#37
Ethyl Acetate
Concen: 53.075 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

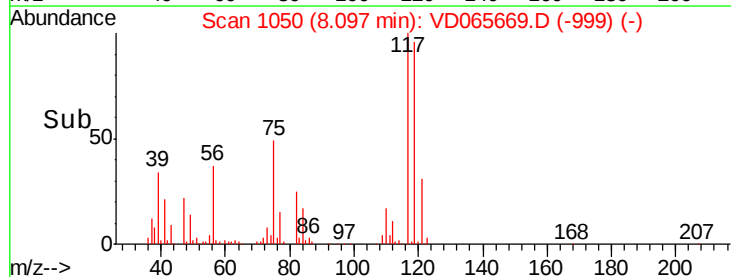
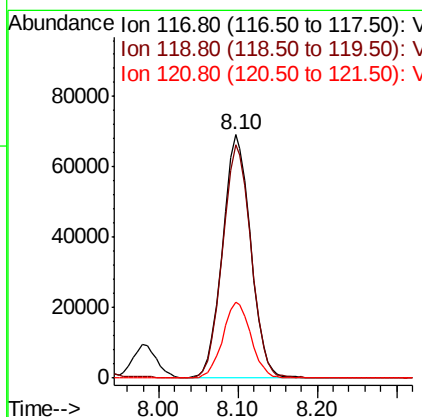
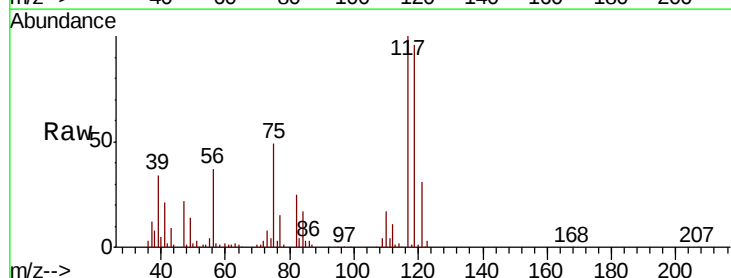
Instrument :
MSVOA_D
ClientSampled :

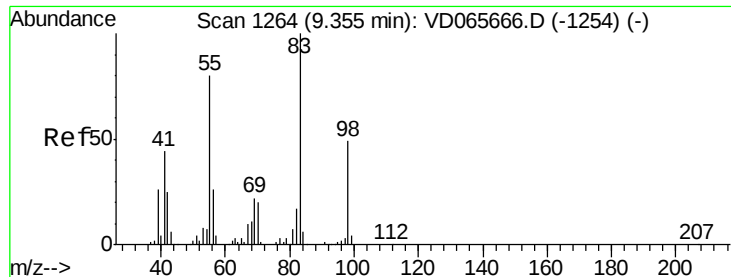
Tot Ion: 43 Resp: 68592
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.124 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion: 117 Resp: 170493
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5
121 31.2 25.8 38.6

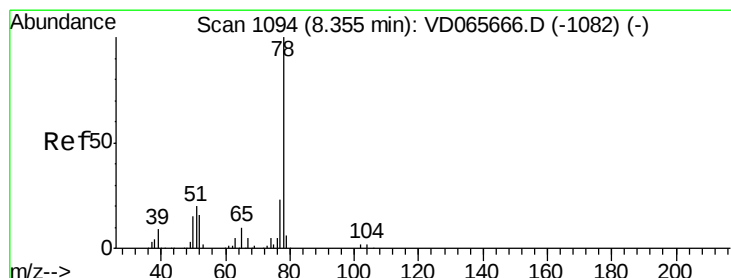
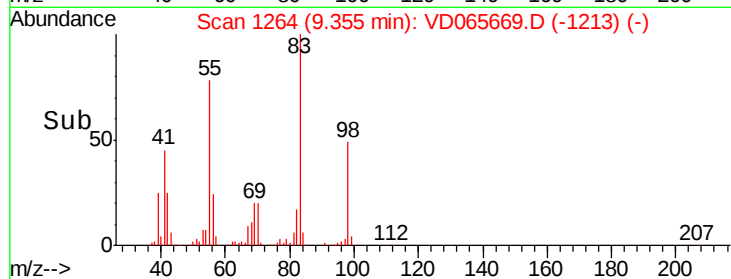
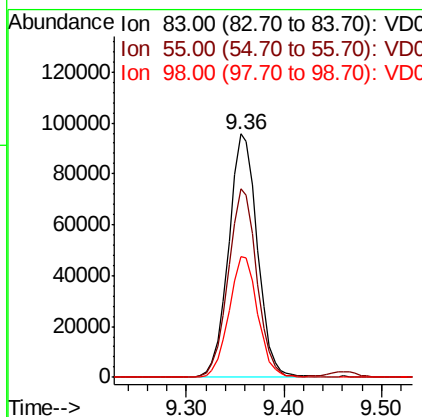
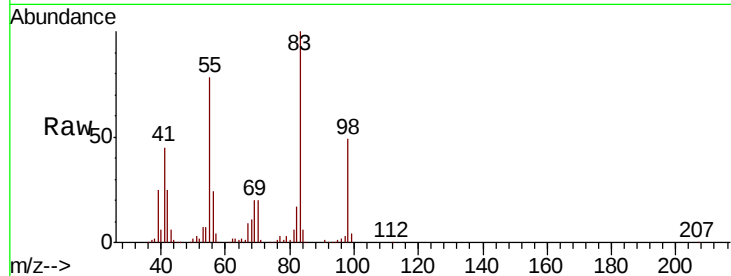




#39
Methvlcvclohexane
Concen: 55.410 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

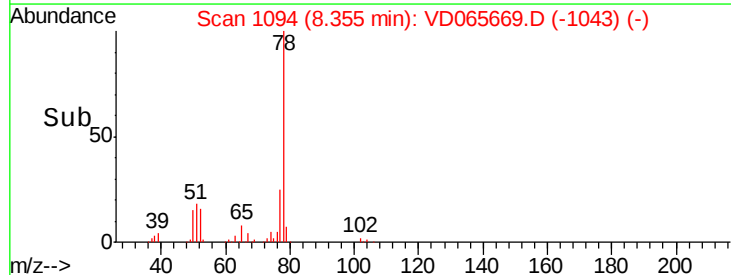
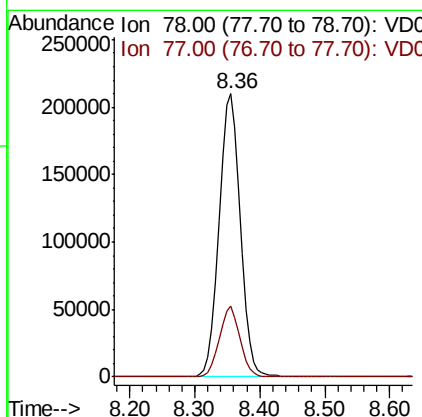
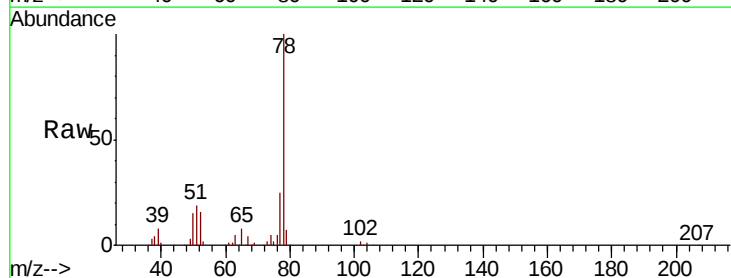
Instrument :
MSVOA_D
ClientSampleId :

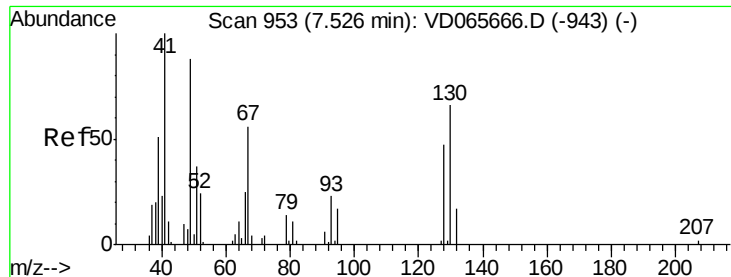
Tot Ion: 83 Resp: 195901
Ion Ratio Lower Upper
83 100
55 77.5 64.0 96.0
98 49.4 39.2 58.8



#40
Benzene
Concen: 54.485 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion: 78 Resp: 475054
Ion Ratio Lower Upper
78 100
77 24.8 18.7 28.1

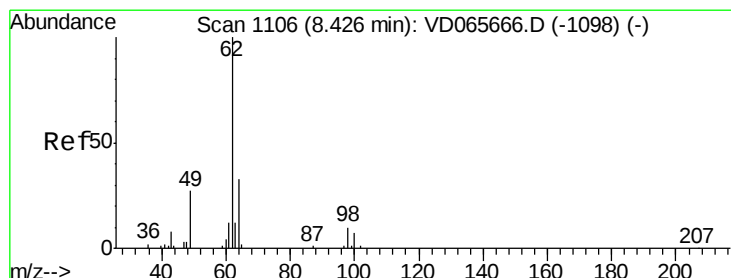
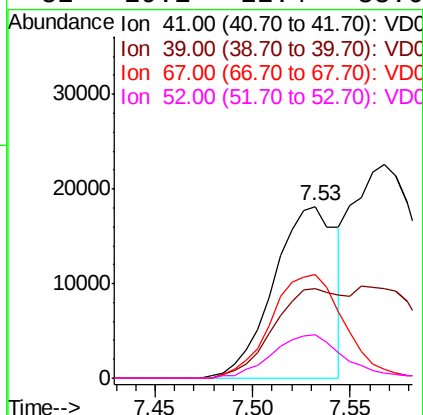
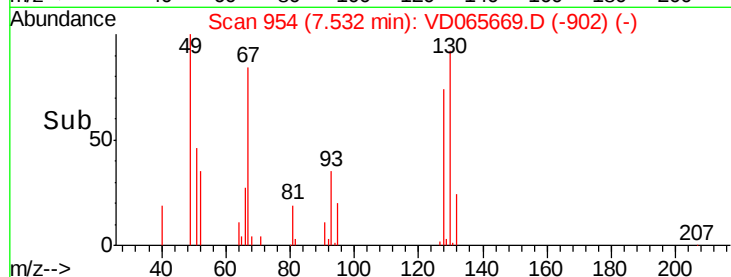
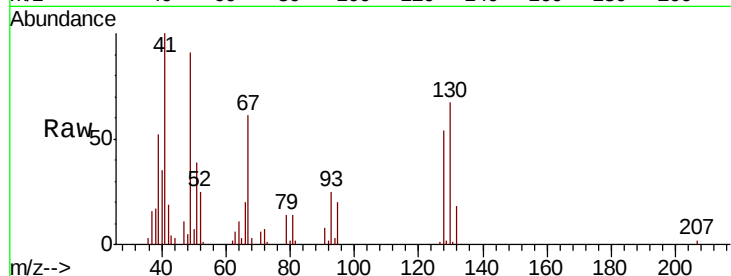




#41
Methacrylonitrile
Concen: 59.005 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

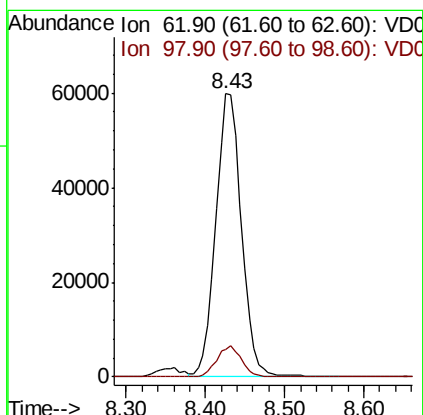
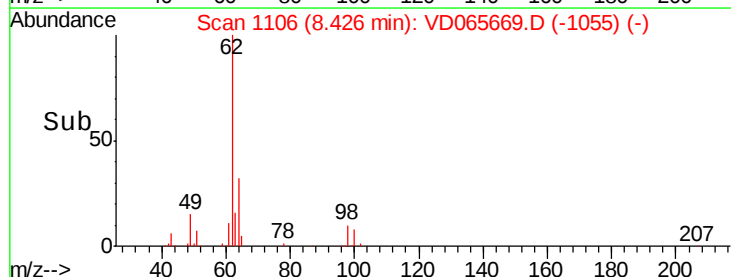
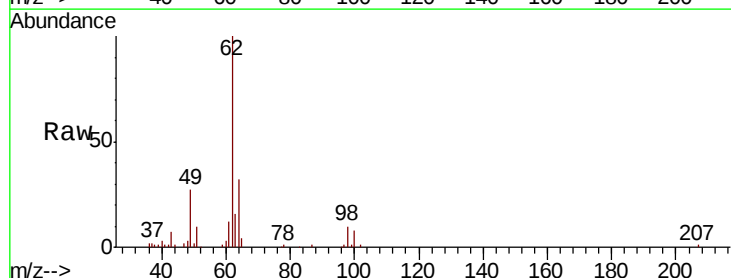
Instrument :
MSVOA_D
ClientSampled :

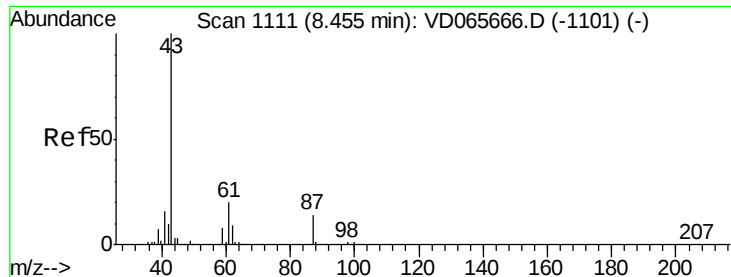
Tot Ion:	41	Resp:	40795
Ion	Ratio	Lower	Upper
41	100		
39	60.7	43.8	65.6
67	69.8	54.4	81.6
52	29.1	22.4	33.6



#42
1,2-Dichloroethane
Concen: 54.465 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion:	62	Resp:	134302
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2



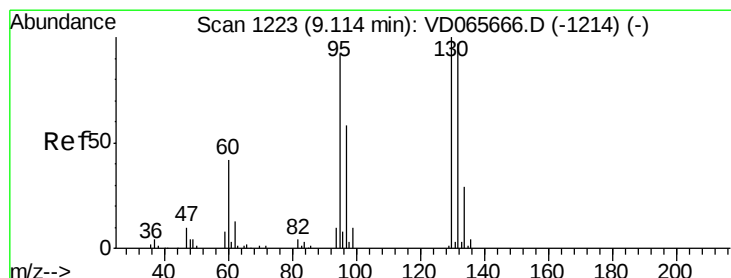
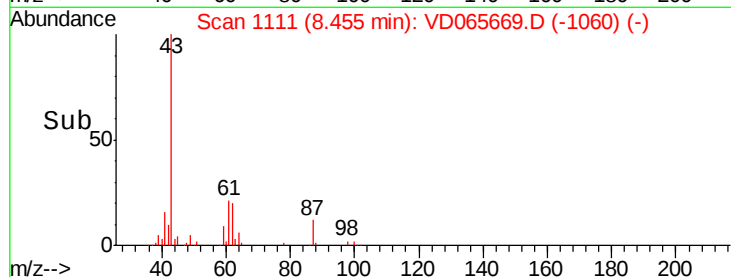
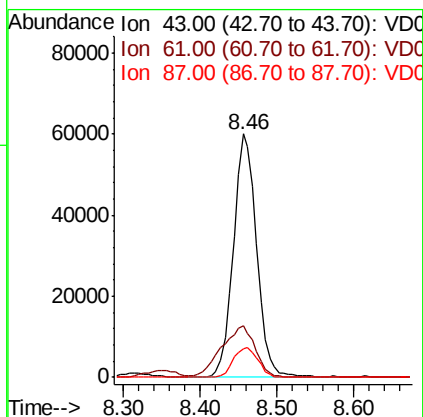
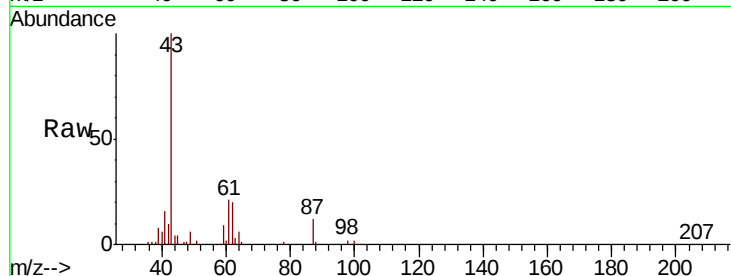


#43

Isopropyl Acetate
 Concen: 55.908 ug/l
 RT: 8.46 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Instrument :
 MSVOA_D
 ClientSampleId :

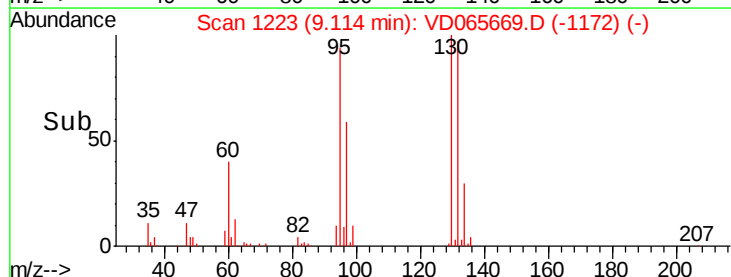
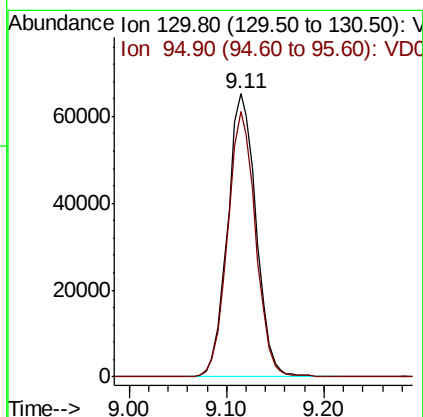
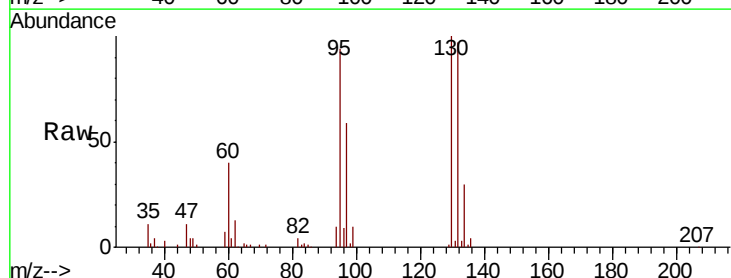
Tot Ion	43	Resp	126993
Ion Ratio	Lower	Upper	
43	100		
61	30.2	24.7	37.1
87	12.8	10.6	16.0

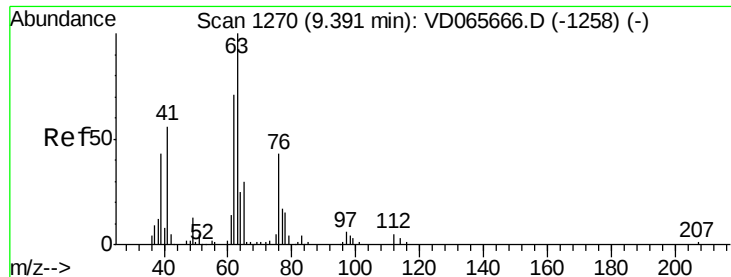


#44

Trichloroethene
 Concen: 53.301 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Tgt Ion	130	Resp	132018
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	183.2

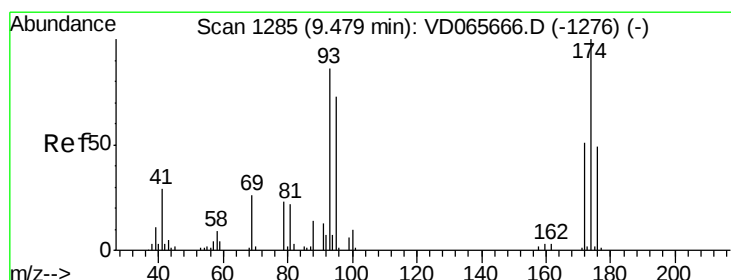
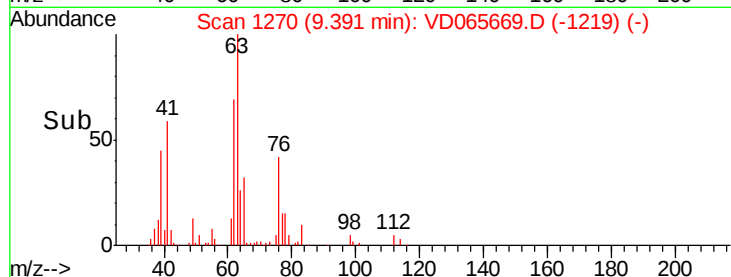
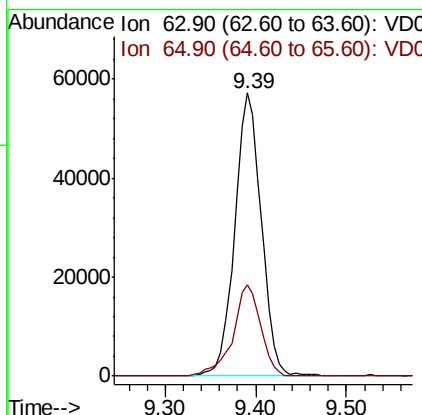
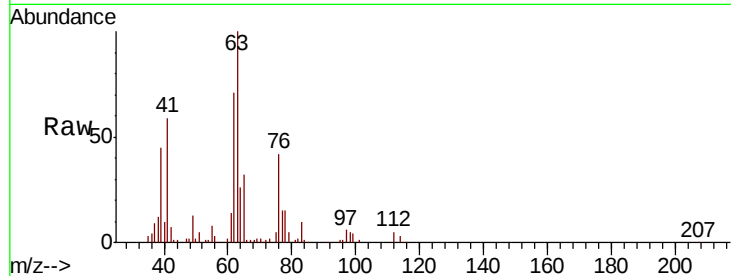




#45
 1,2-Dichloropropane
 Concen: 54.631 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

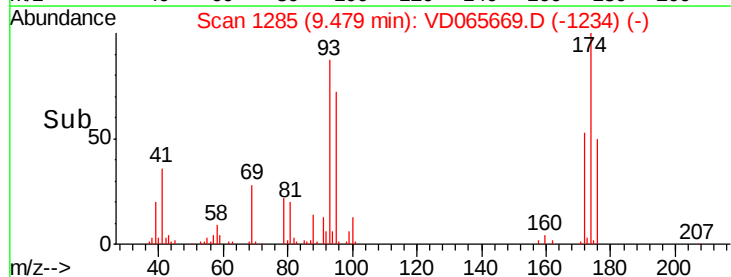
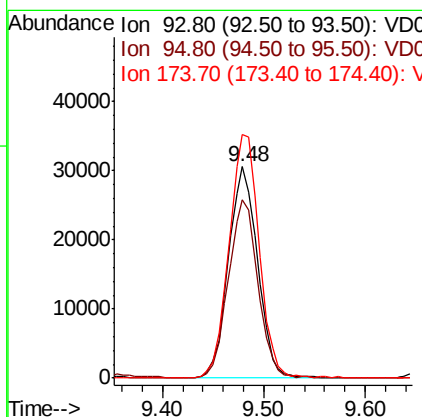
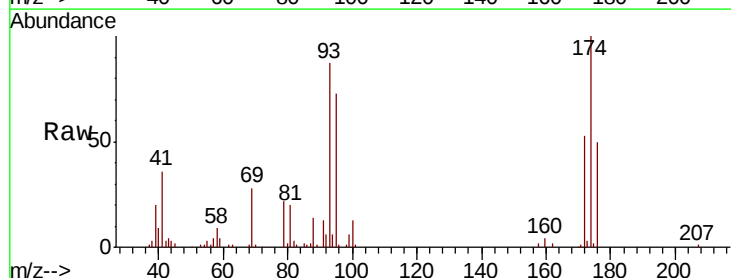
Instrument :
 MSVOA_D
 ClientSampleId :

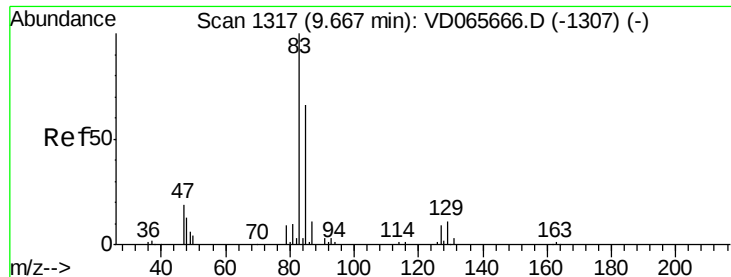
Tot Ion: 63 Resp: 116650
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.2 36.4



#46
 Dibromomethane
 Concen: 53.949 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Tgt Ion: 93 Resp: 61366
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.4 99.6
 174 118.1 93.0 139.6





#47

Bromodichloromethane

Concen: 53.303 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

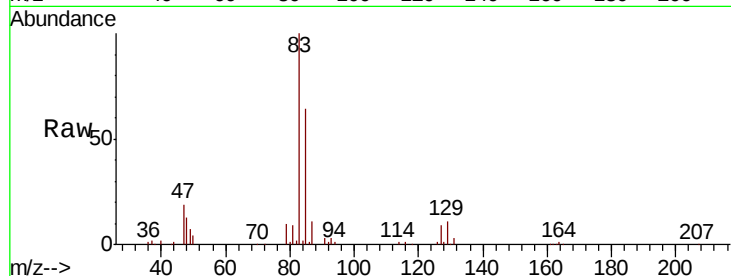
Tot Ion: 83 Resp: 159677

Ion Ratio Lower Upper

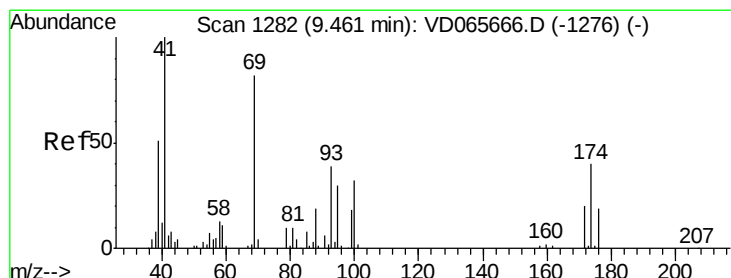
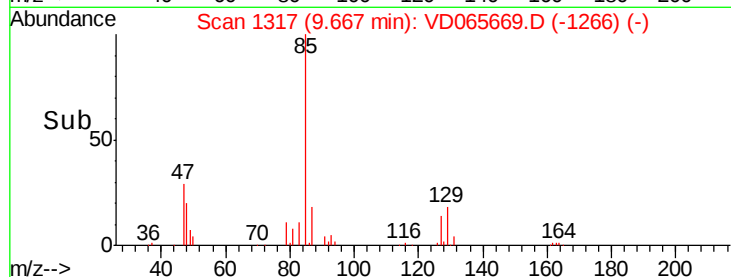
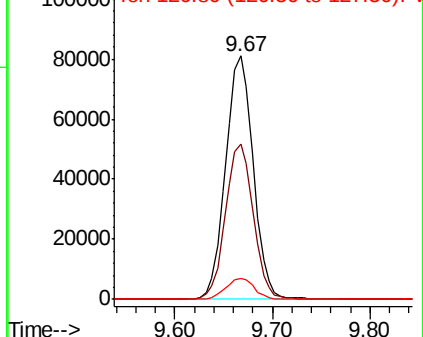
83 100

85 63.5 53.2 79.8

127 8.6 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): V



#48

Methyl methacrylate

Concen: 58.172 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

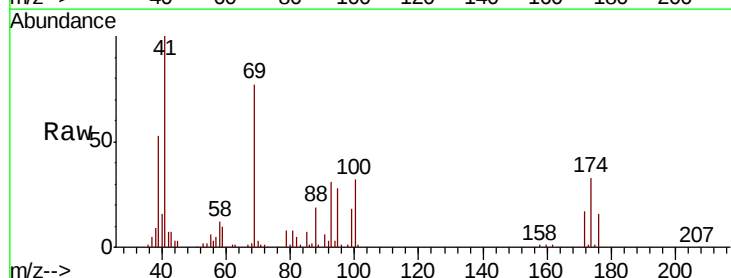
Tgt Ion: 41 Resp: 62996

Ion Ratio Lower Upper

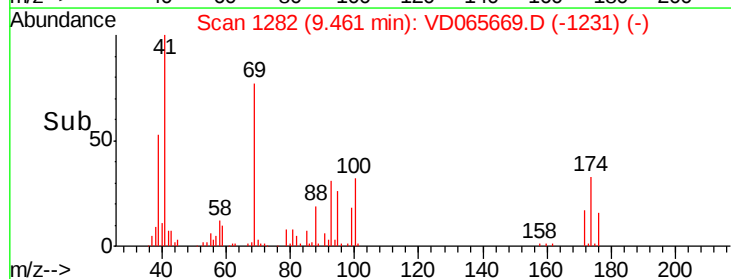
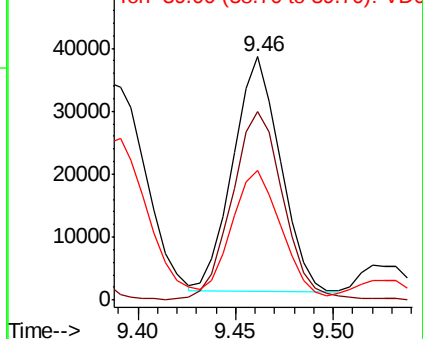
41 100

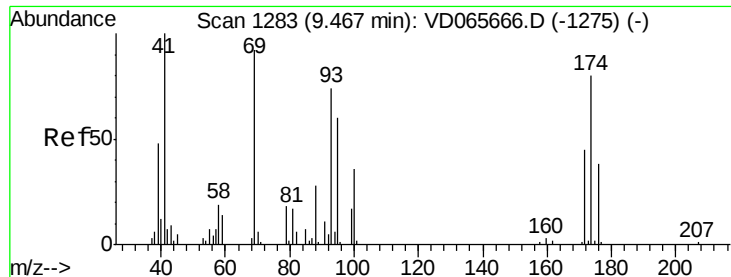
69 87.2 69.5 104.3

39 53.6 41.6 62.4



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





#49

1,4-Dioxane

Concen: 1170.670 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :
MSVOA_D
ClientSampleId :

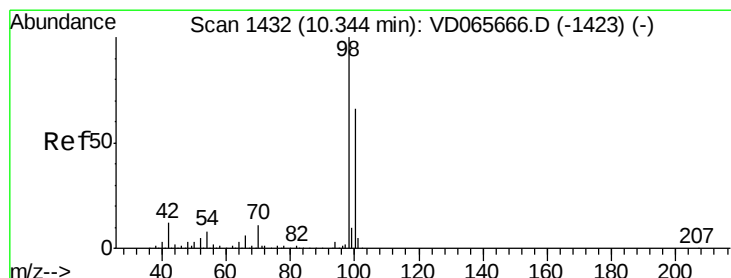
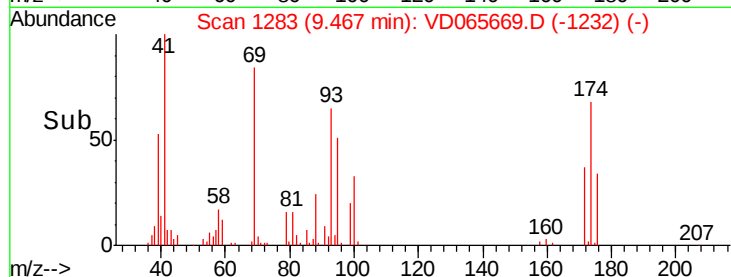
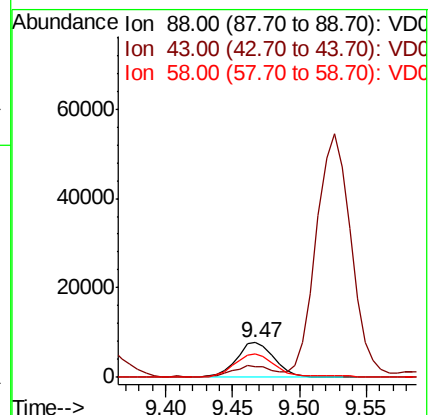
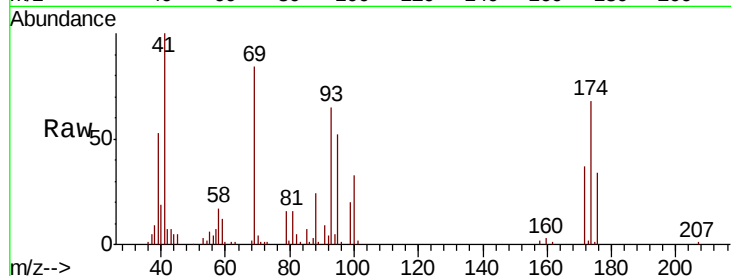
Tot Ion: 88 Resp: 15402

Ion Ratio Lower Upper

88 100

43 33.7 31.3 46.9

58 71.3 58.0 87.0



#50

Toluene-d8

Concen: 46.277 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065669.D

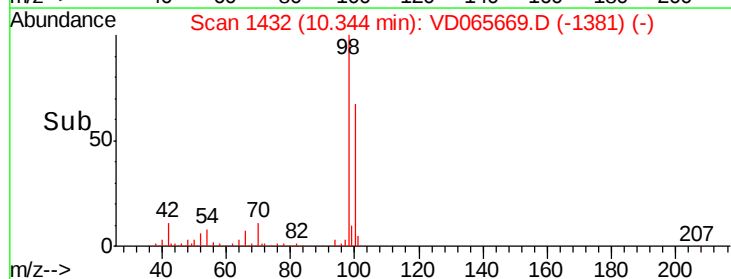
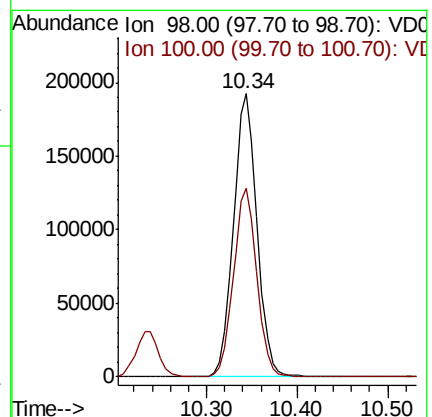
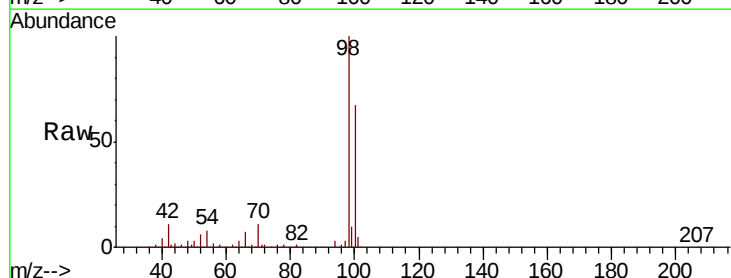
Acq: 22 Apr 2020 18:19

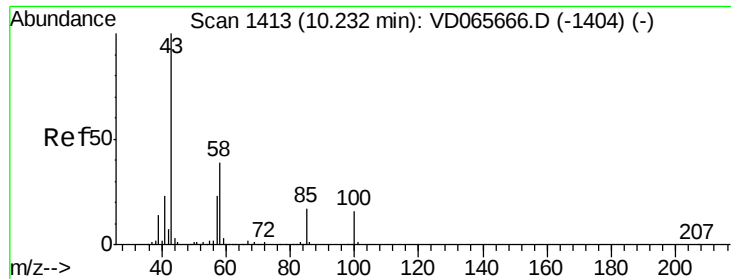
Tgt Ion: 98 Resp: 347087

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2

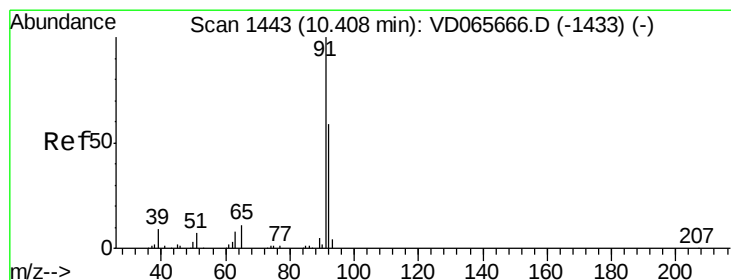
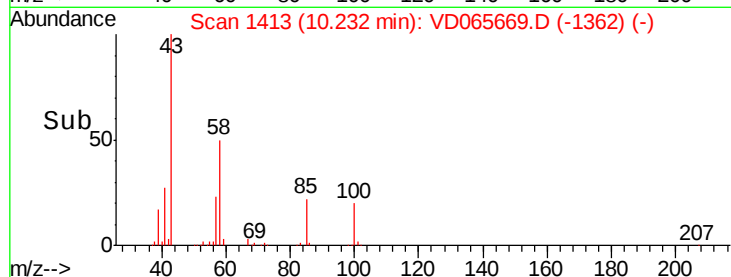
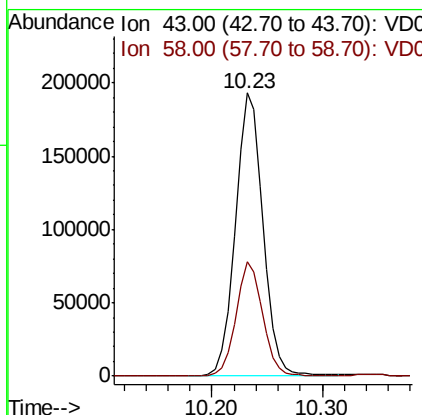
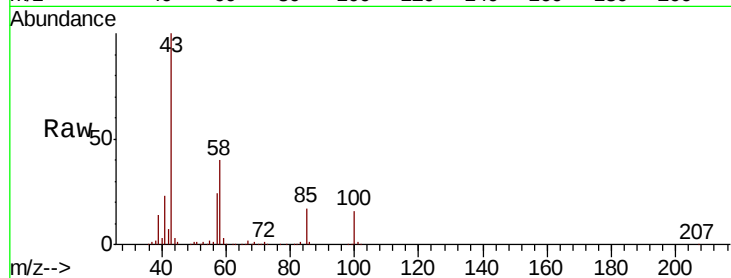




#51
 4-Methyl-2-Pentanone
 Concen: 287.760 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

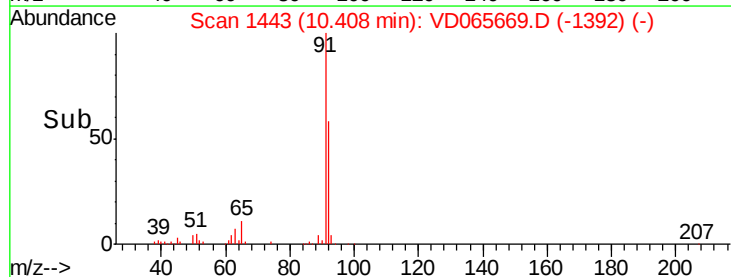
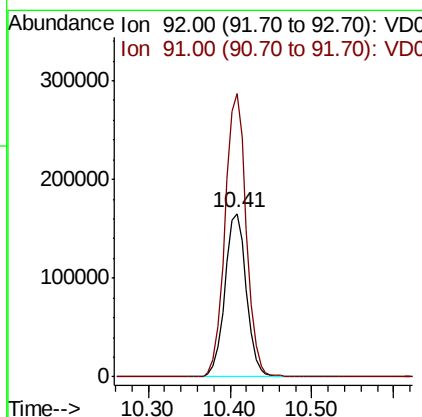
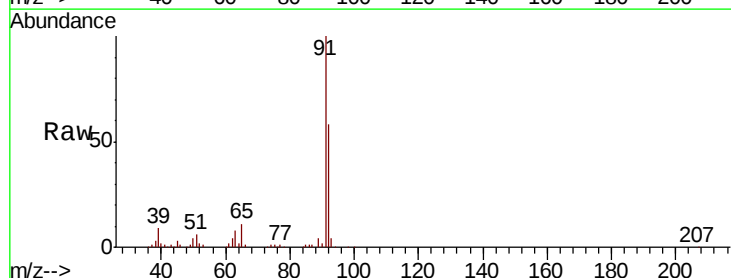
Instrument :
 MSVOA_D
 ClientSampleID :

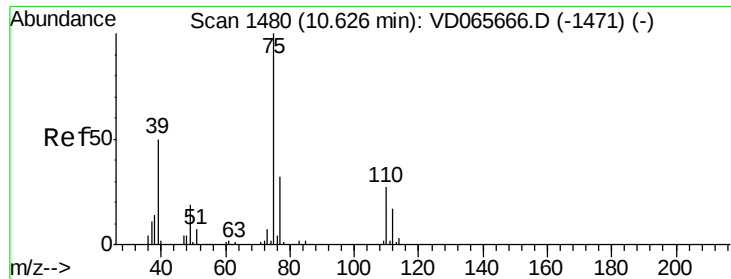
Tot Ion: 43 Resp: 338385
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.1 46.7



#52
 Toluene
 Concen: 54.972 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Tgt Ion: 92 Resp: 302104
 Ion Ratio Lower Upper
 92 100
 91 171.8 135.9 203.9

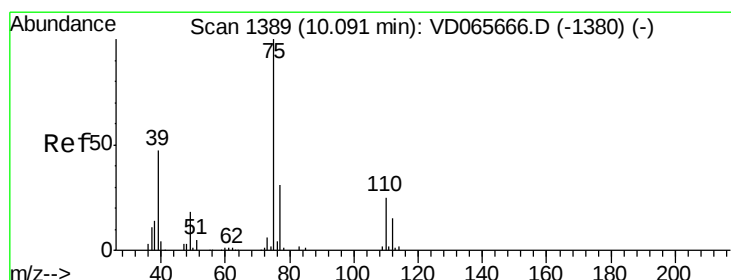
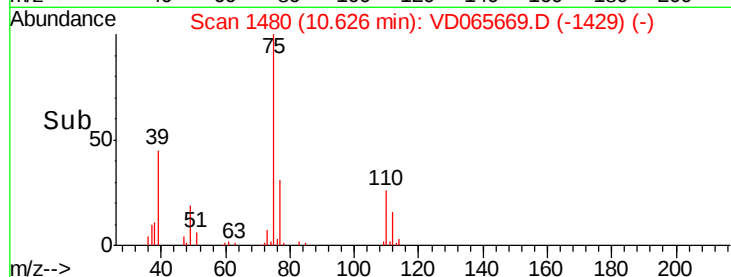
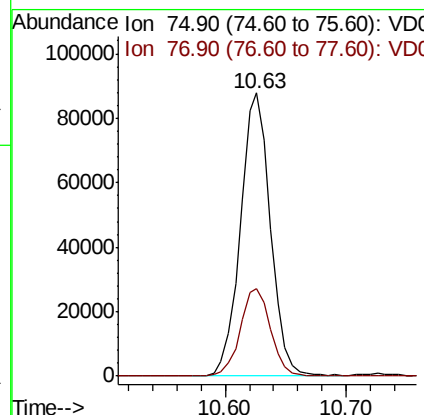
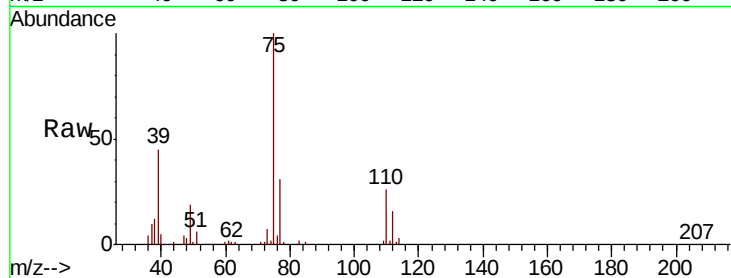




#53
t-1,3-Dichloropropene
Concen: 55.762 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

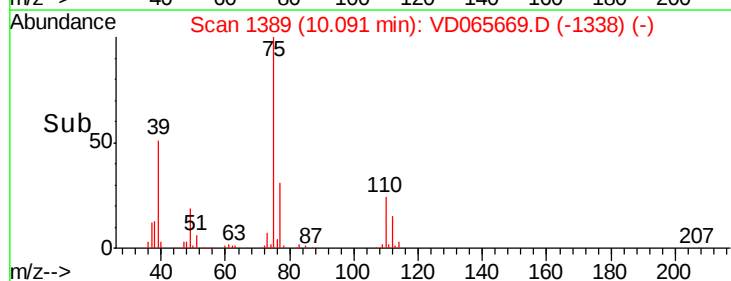
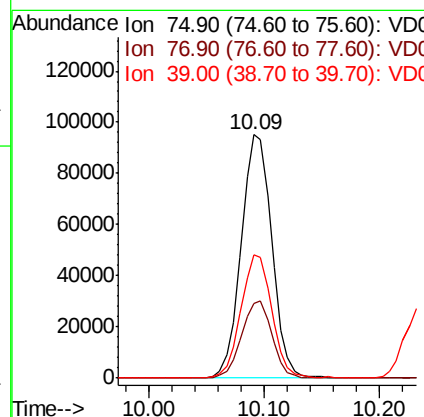
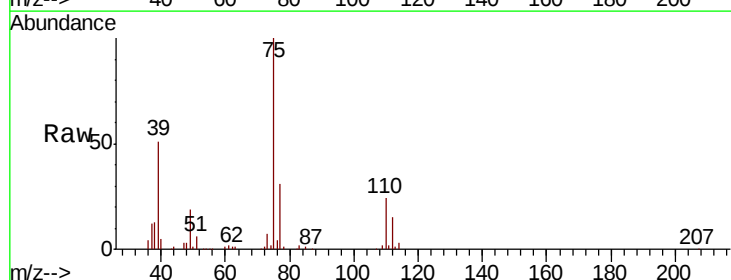
Instrument :
MSVOA_D
ClientSampleId :

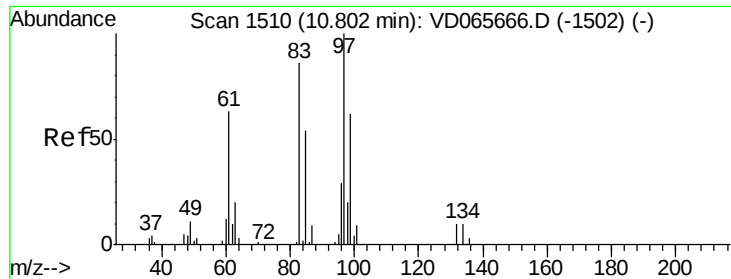
Tot Ion: 75 Resp: 151752
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 53.316 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion: 75 Resp: 175299
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 50.9 37.9 56.9

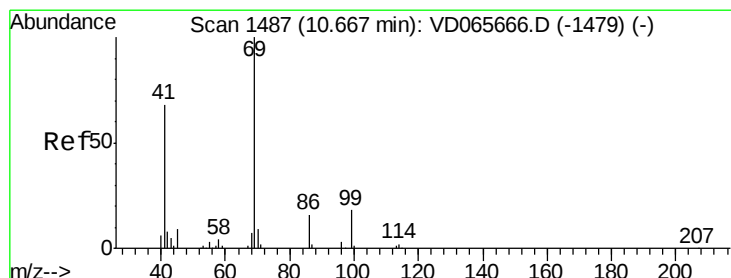
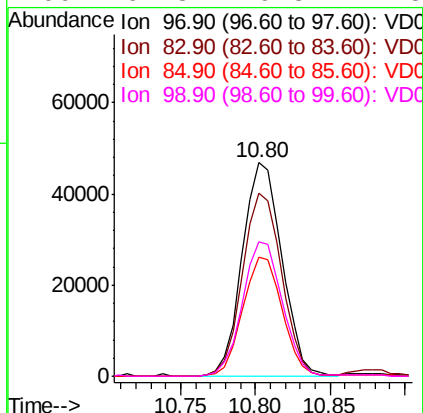
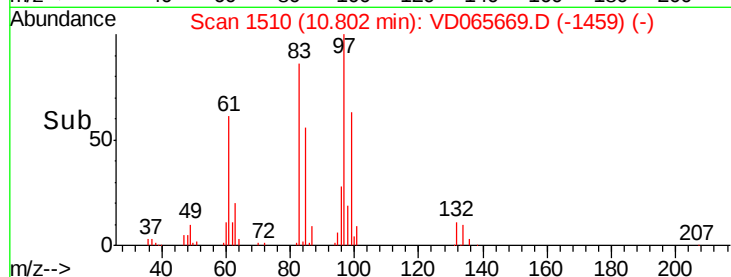
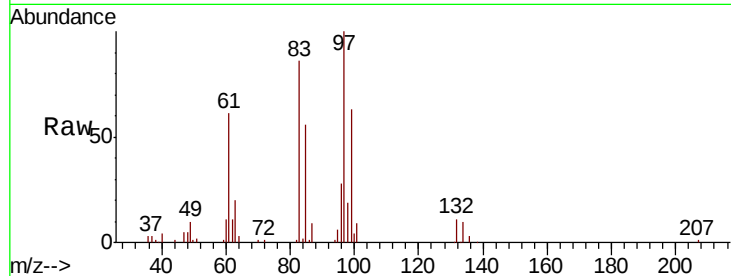




#55
 1,1,2-Trichloroethane
 Concen: 53.727 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

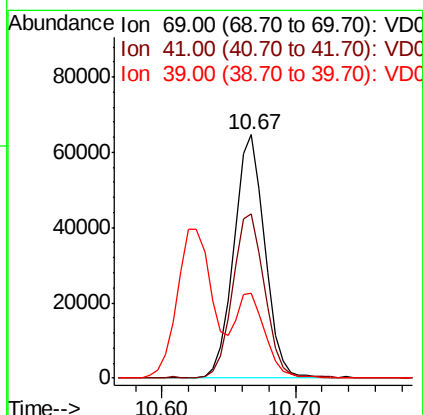
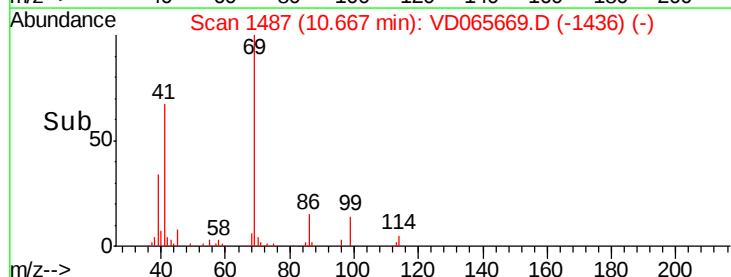
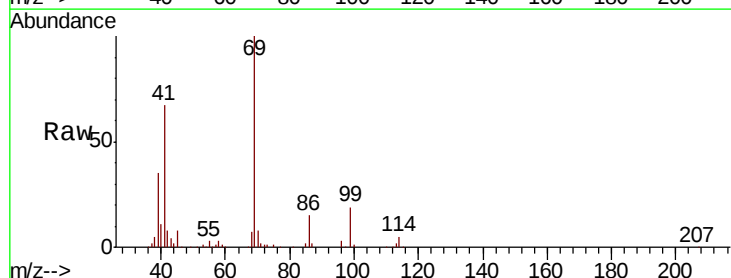
Instrument :
 MSVOA_D
 ClientSampleId :

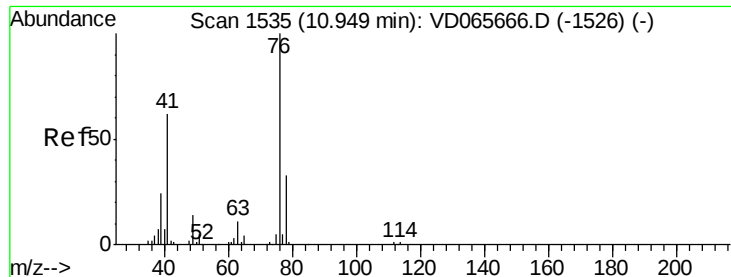
Tot Ion:	97	Resp:	86215
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.5	102.7
85	55.5	43.0	64.6
99	62.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 52.990 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Tgt Ion:	69	Resp:	104039
Ion	Ratio	Lower	Upper
69	100		
41	68.4	58.3	87.5
39	32.1	29.5	44.3

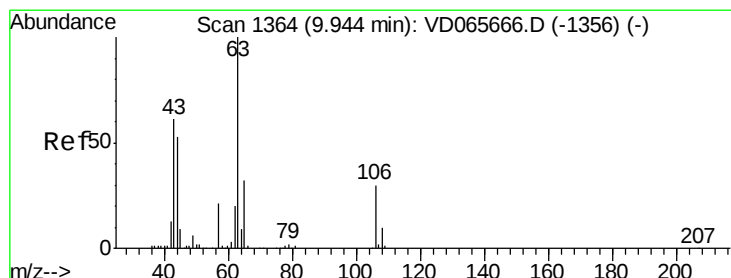
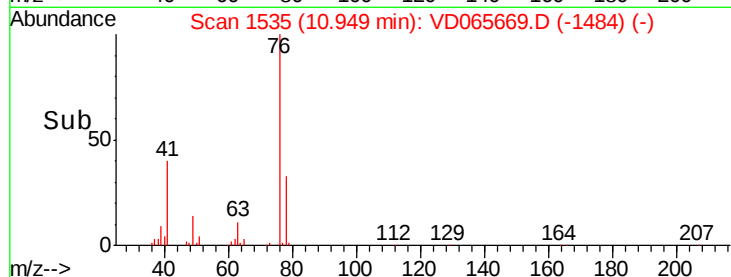
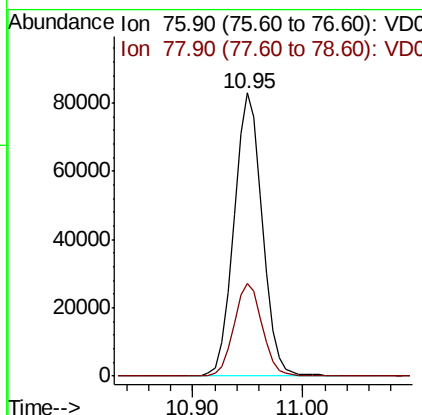
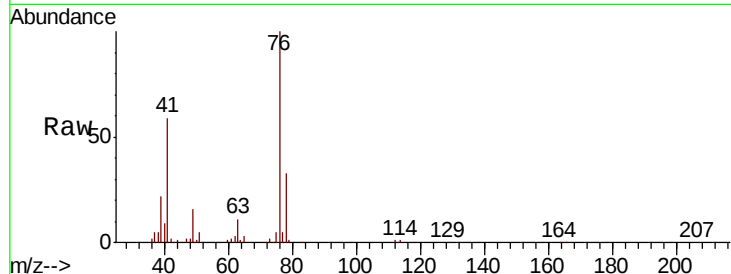




#57
 1,3-Dichloropropane
 Concen: 55.169 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

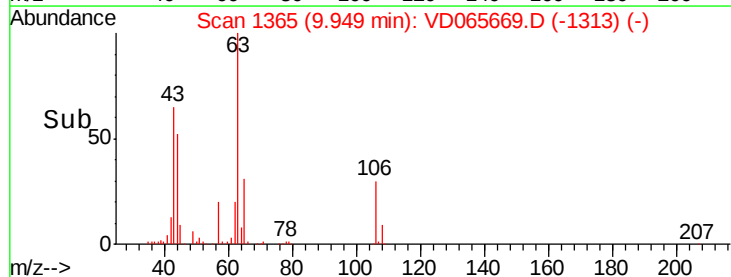
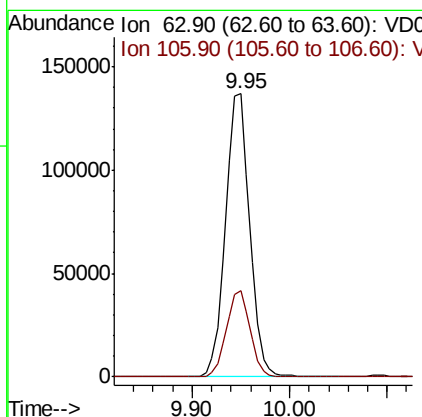
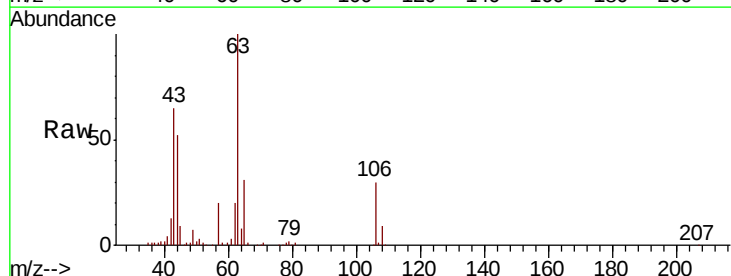
Instrument :
 MSVOA_D
 ClientSampleId :

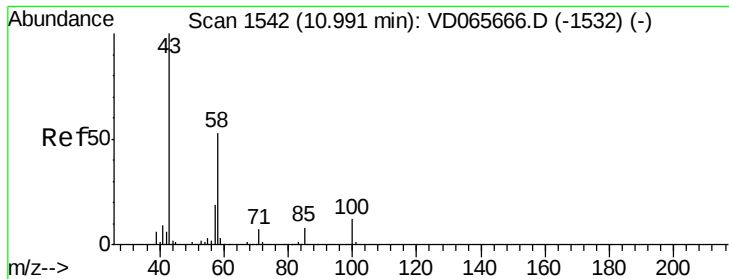
Tot Ion: 76 Resp: 148616
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.156 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Tgt Ion: 63 Resp: 235353
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.7 35.5

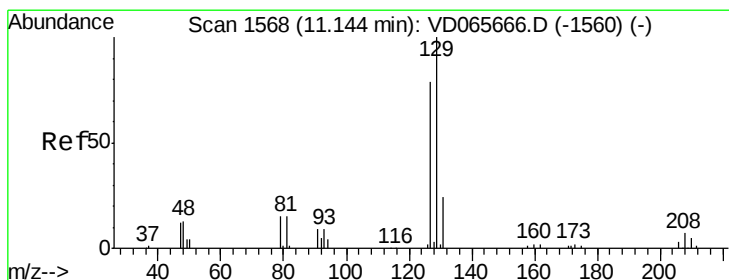
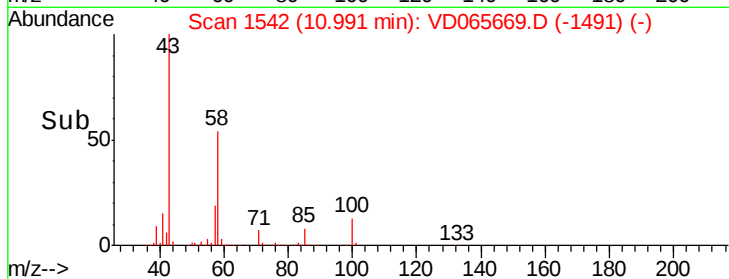
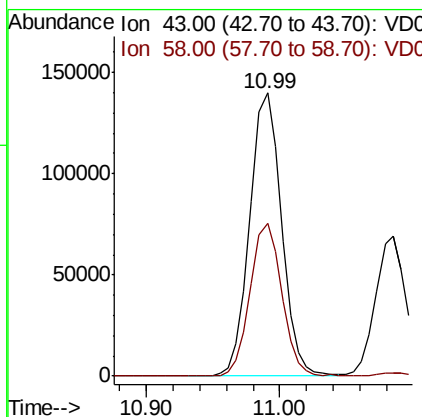
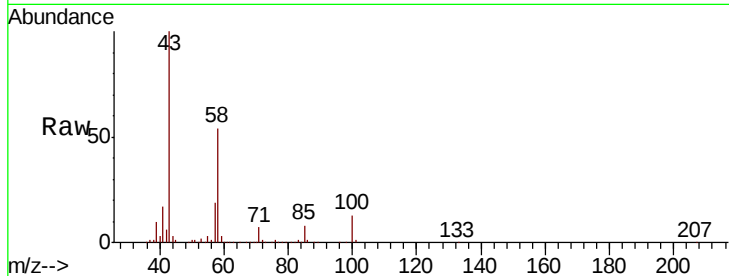




#59
2-Hexanone
Concen: 289.527 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

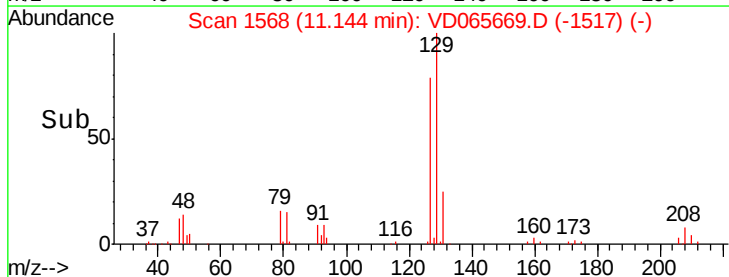
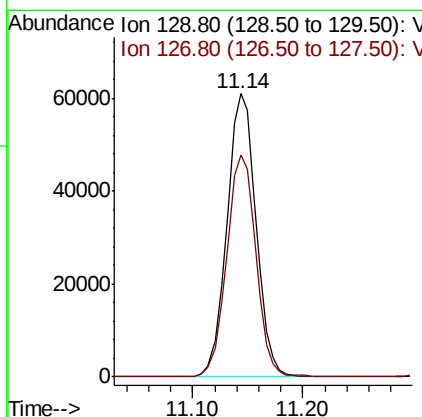
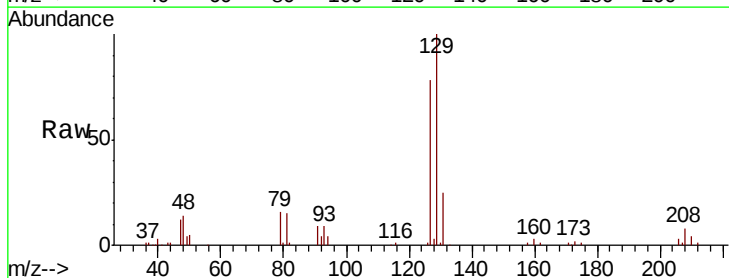
Instrument :
MSVOA_D
ClientSampleId :

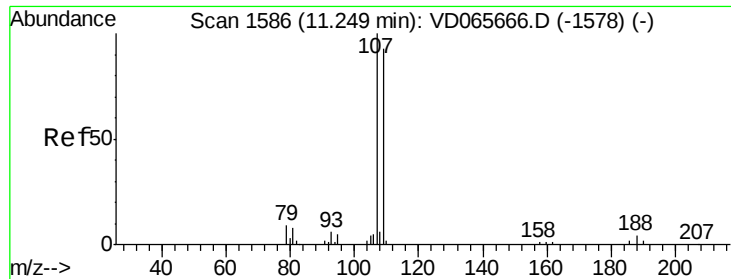
Tot Ion: 43 Resp: 230679
Ion Ratio Lower Upper
43 100
58 53.9 26.3 78.9



#60
Dibromochloromethane
Concen: 53.569 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion: 129 Resp: 112763
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 54.151 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

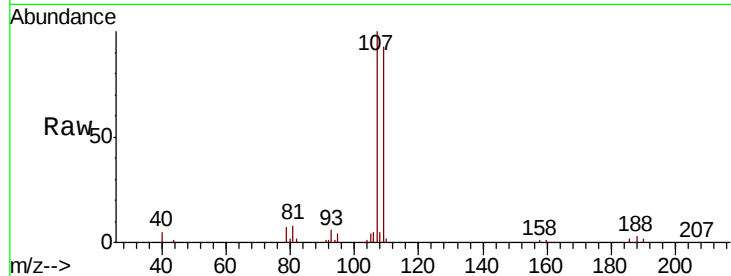
ClientSampled :

Tot Ion:107 Resp: 82852

Ion Ratio Lower Upper

107 100

109 95.1 76.4 114.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.25

50000

40000

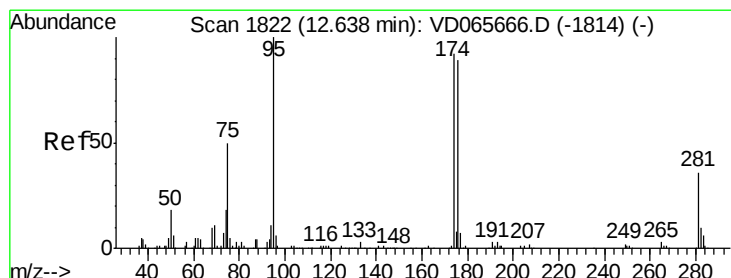
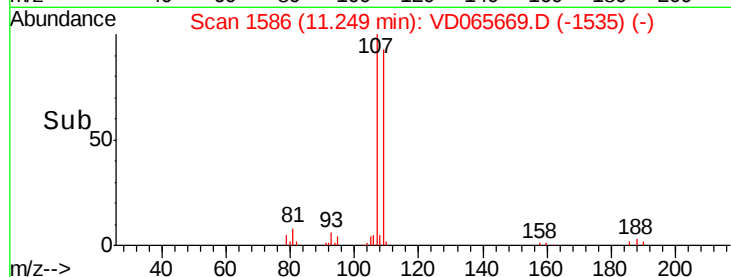
30000

20000

10000

0

Time--> 11.20 11.30



#62

4-Bromofluorobenzene

Concen: 45.812 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

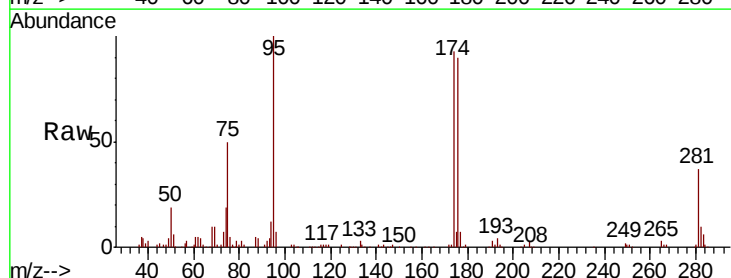
Tgt Ion: 95 Resp: 110613

Ion Ratio Lower Upper

95 100

174 92.6 0.0 186.4

176 89.3 0.0 178.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

80000

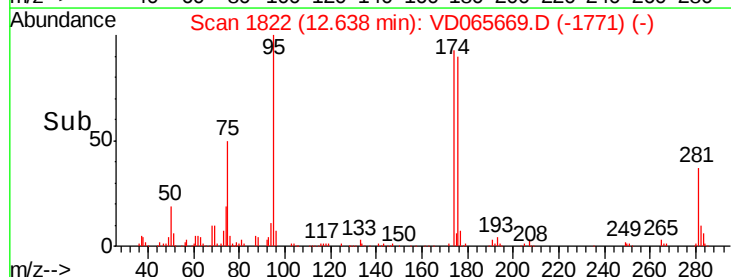
60000

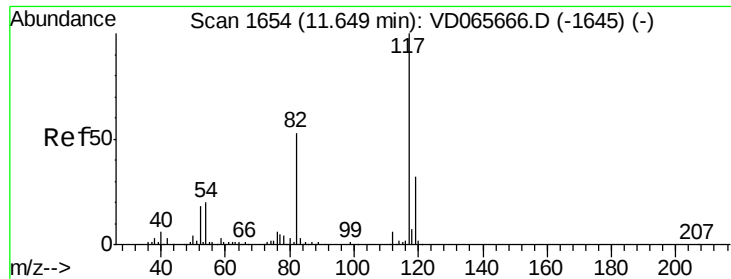
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

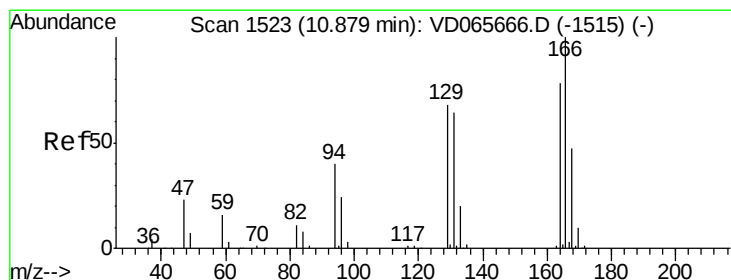
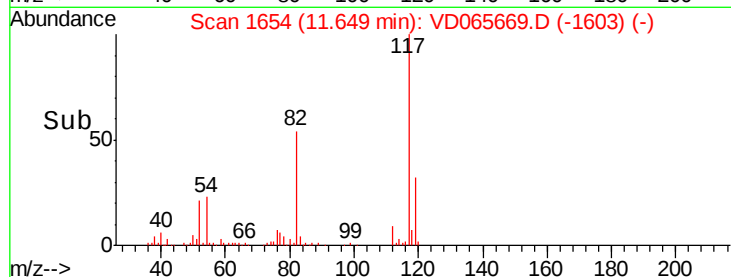
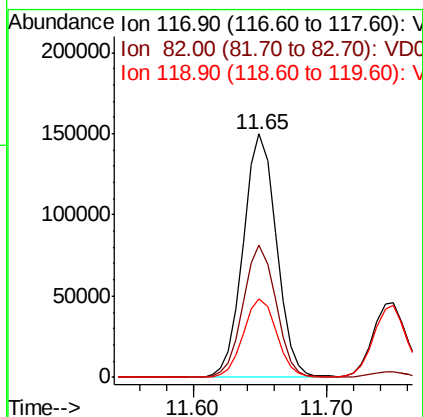
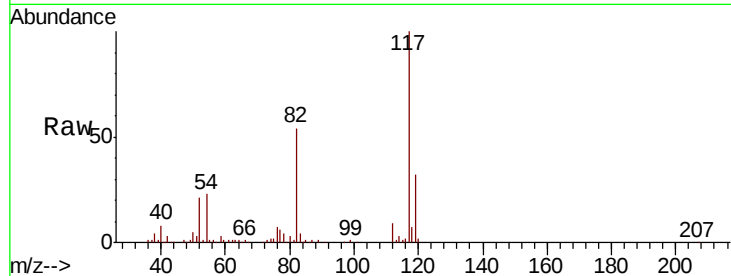




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

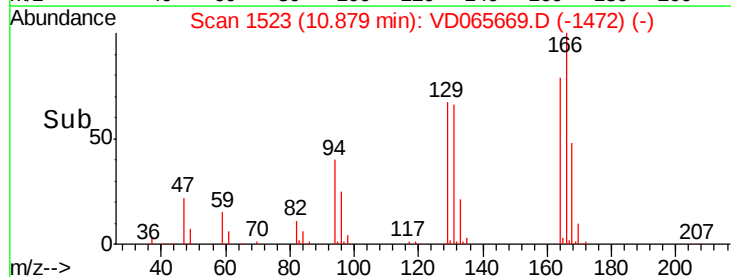
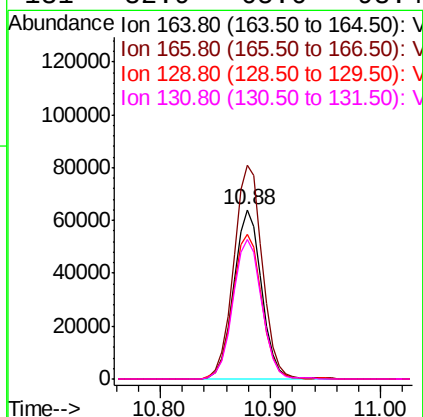
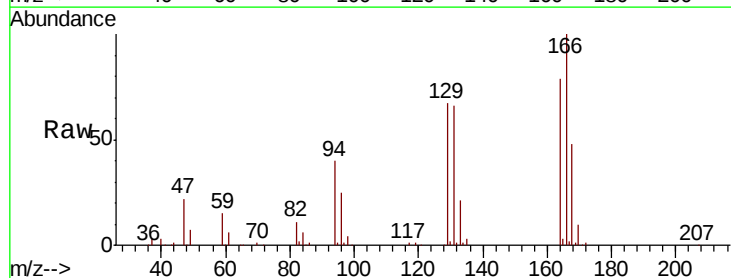
Instrument :
MSVOA_D
ClientSampleId :

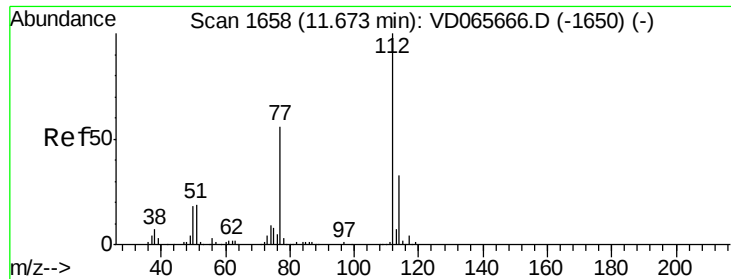
Tot Ion:117 Resp: 257993
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 62.295 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion:164 Resp: 113278
Ion Ratio Lower Upper
164 100
166 126.4 102.0 153.0
129 85.3 69.3 103.9
131 82.9 65.6 98.4

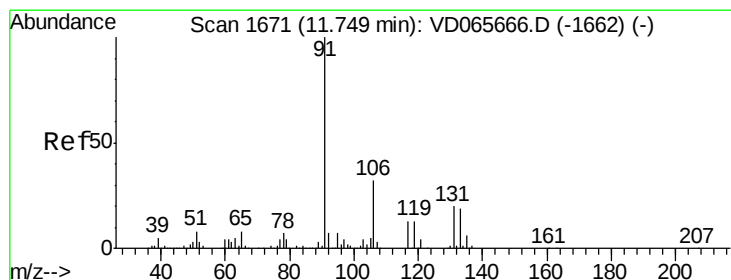
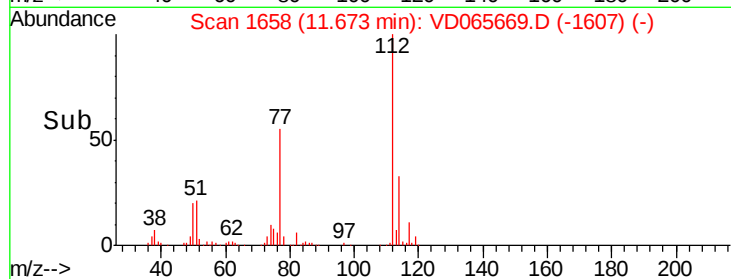
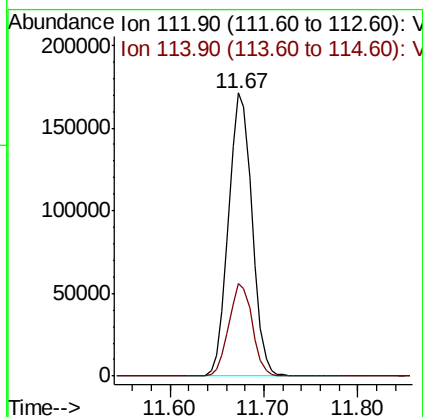
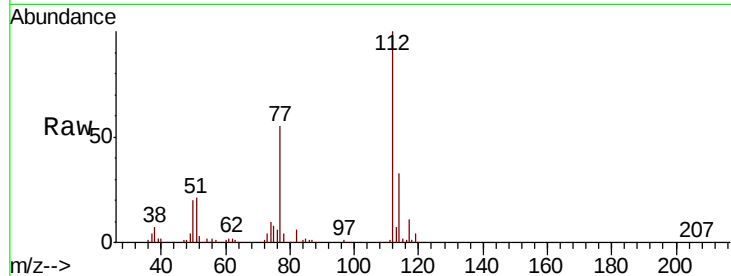




#65
Chlorobenzene
Concen: 59.077 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

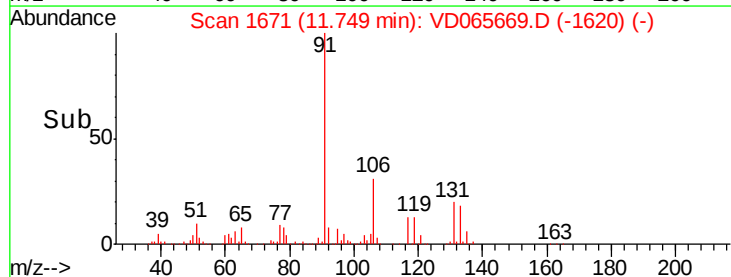
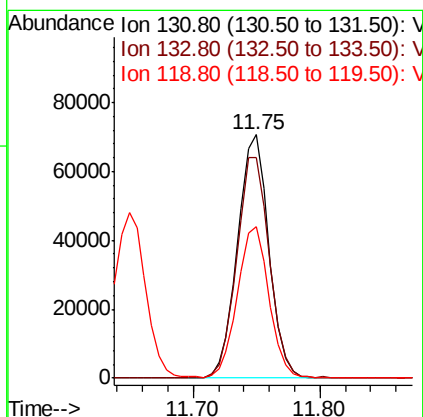
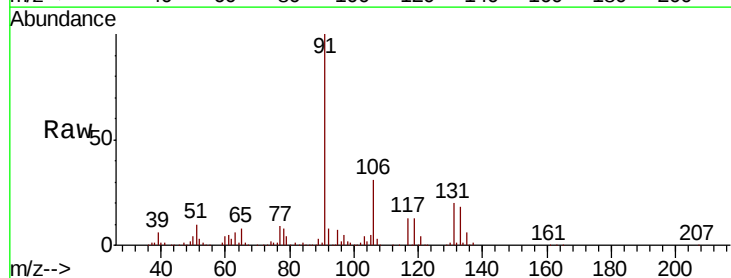
Instrument :
MSVOA_D
ClientSampleId :

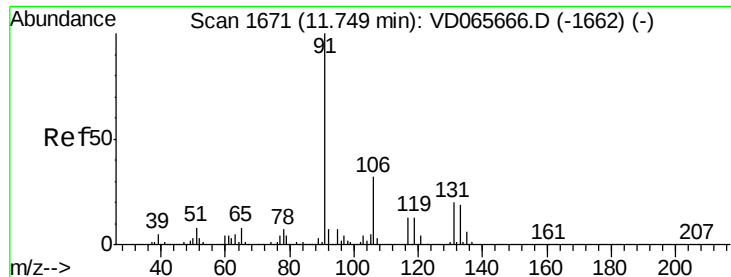
Tot Ion:112 Resp: 298468
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 62.941 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion:131 Resp: 121064
Ion Ratio Lower Upper
131 100
133 94.4 48.6 145.8
119 62.8 32.3 96.9

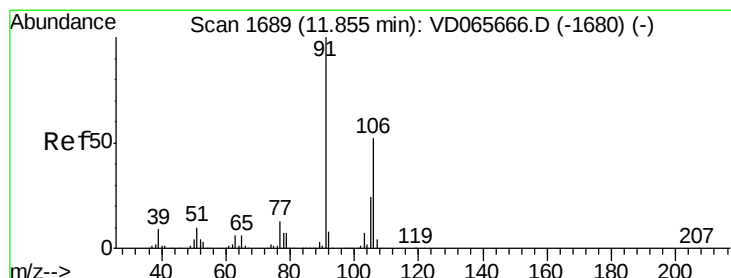
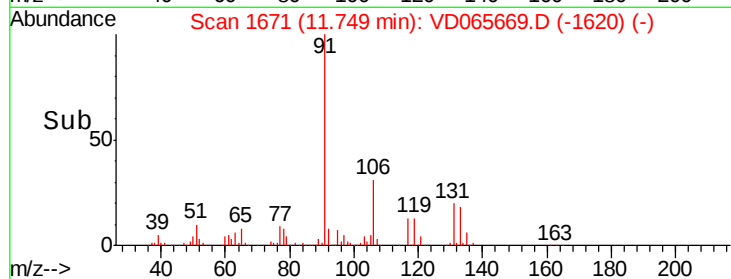
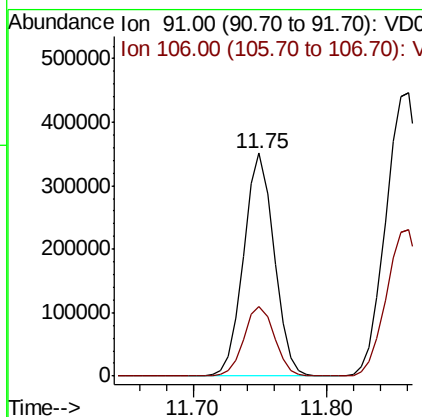
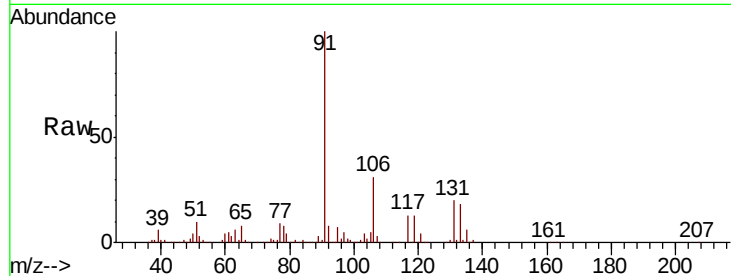




#67
Ethyl Benzene
Concen: 65.259 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

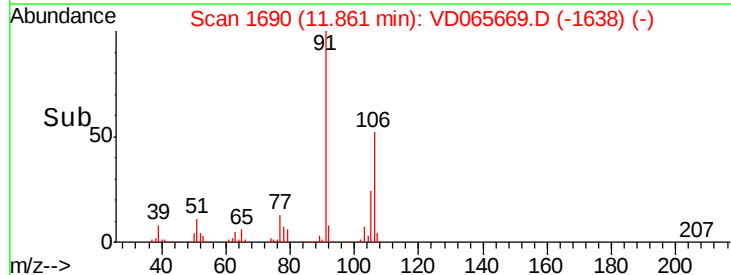
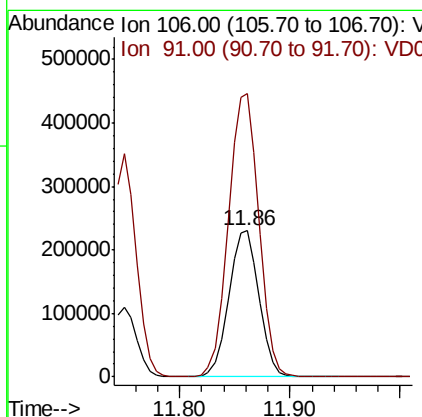
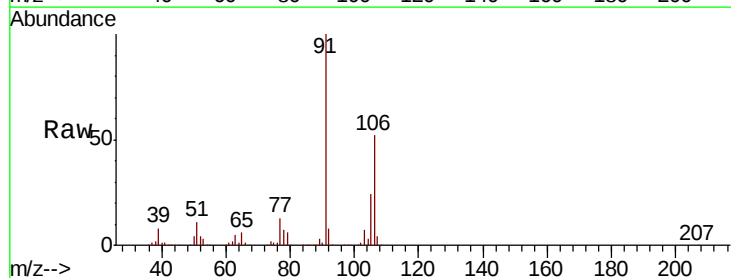
Instrument :
MSVOA_D
ClientSampleId :

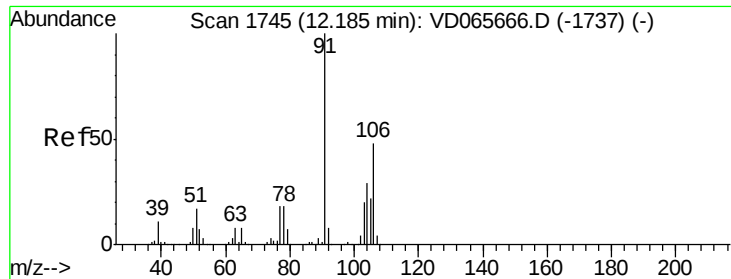
Tot Ion: 91 Resp: 554374
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 131.708 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion: 106 Resp: 439191
Ion Ratio Lower Upper
106 100
91 196.1 155.8 233.6

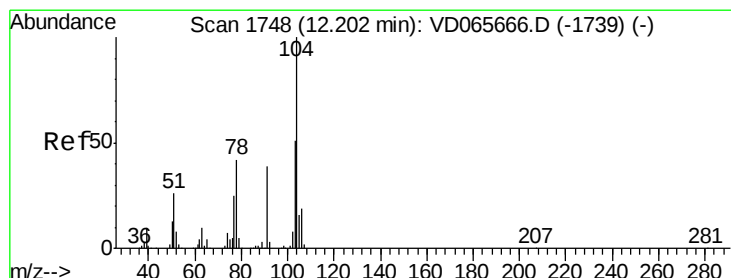
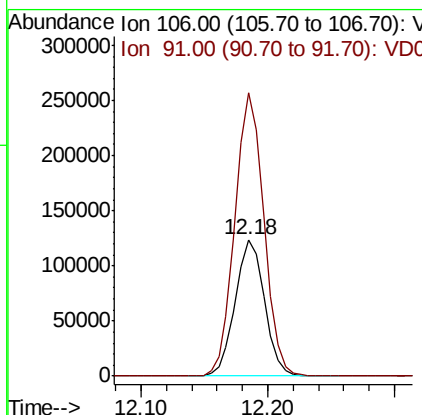
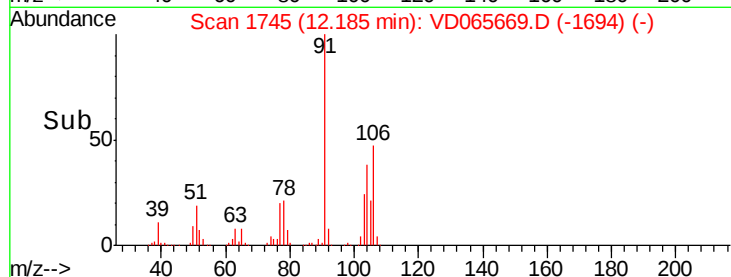
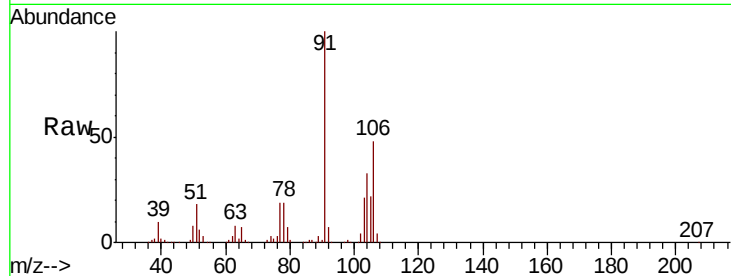




#69
o-Xylene
Concen: 68.955 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

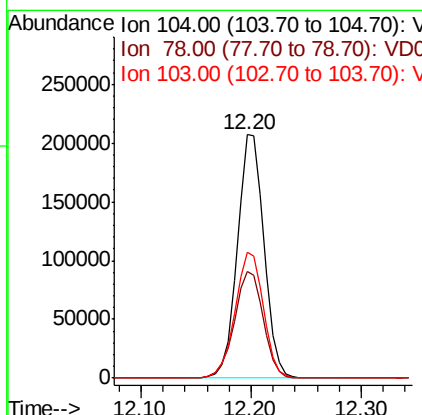
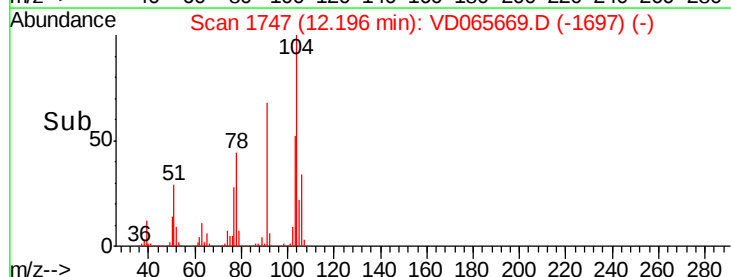
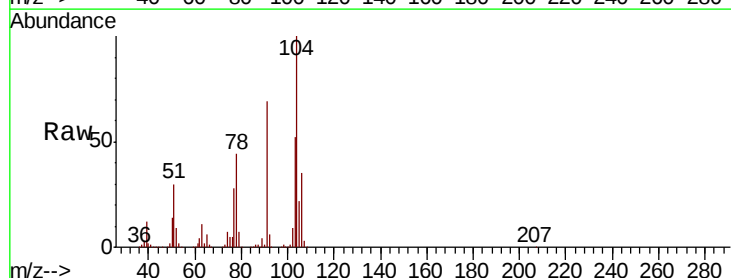
Instrument :
MSVOA_D
ClientSampled :

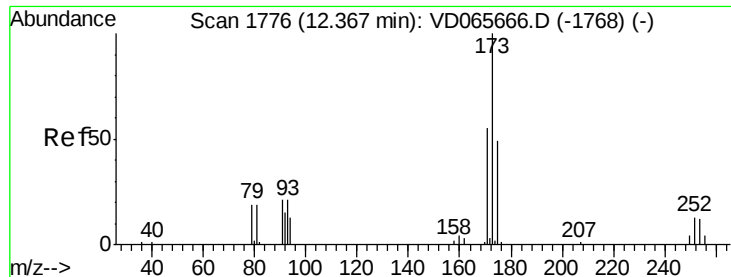
Tot Ion:106 Resp: 197081
Ion Ratio Lower Upper
106 100
91 206.2 103.6 310.9



#70
Styrene
Concen: 68.821 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion:104 Resp: 352440
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 54.9 43.6 65.4

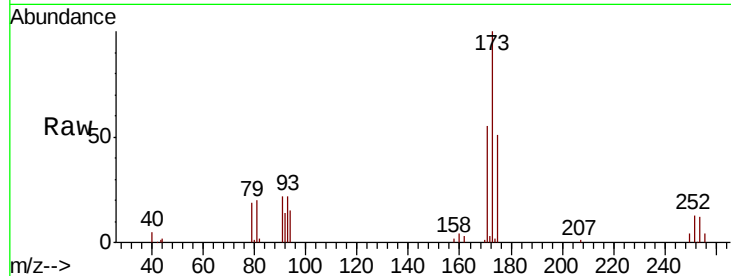




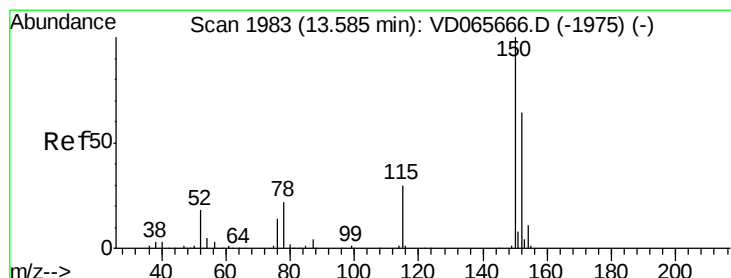
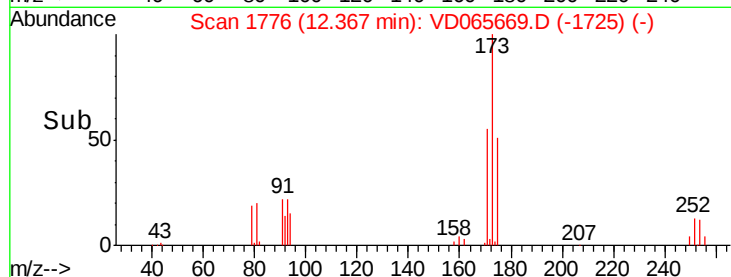
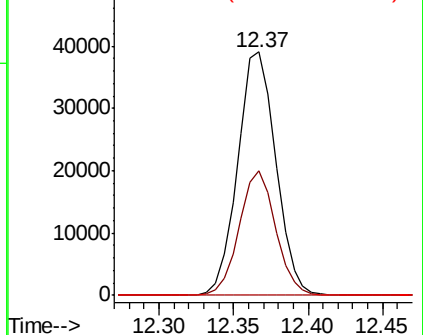
#71
Bromoform
Concen: 61.996 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:173 Resp: 69194
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.0 0.0 0.0

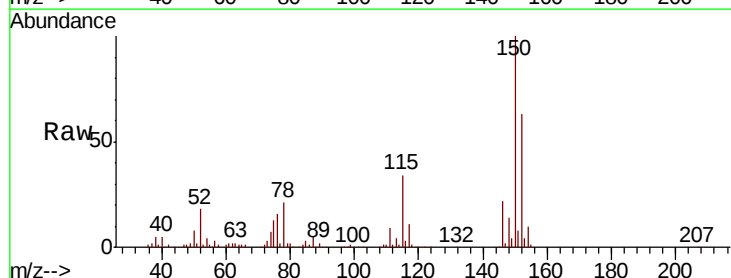


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

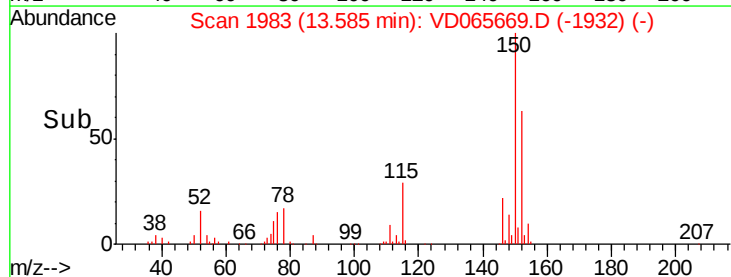
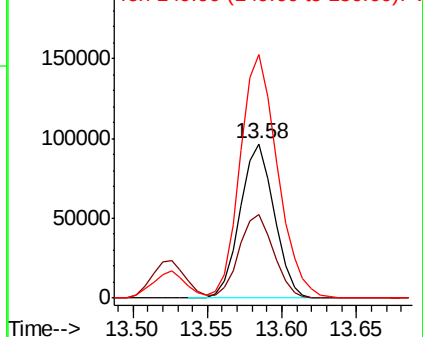


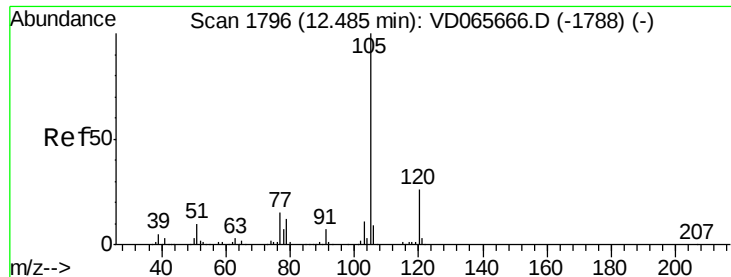
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion:152 Resp: 153378
Ion Ratio Lower Upper
152 100
115 54.8 27.4 82.0
150 173.3 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.131 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

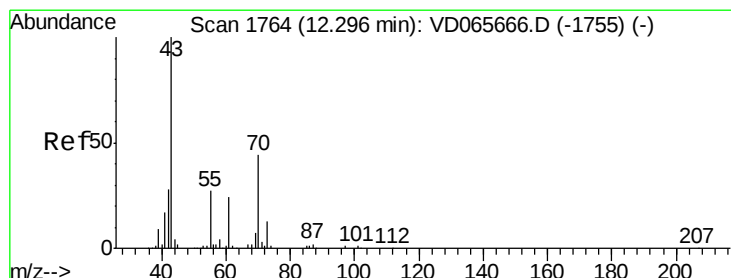
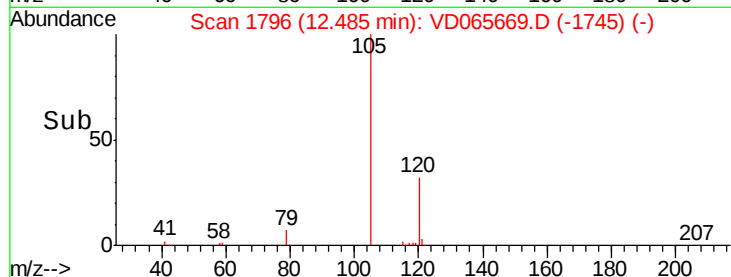
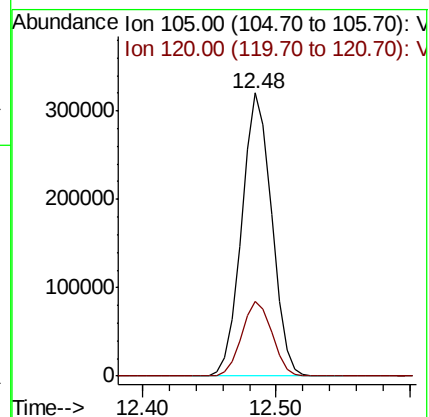
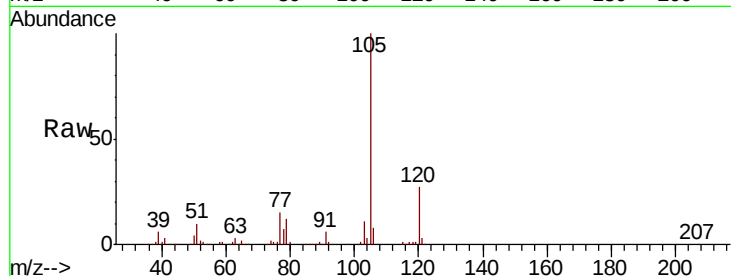
ClientSampleId :

Tot Ion:105 Resp: 496249

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 57.913 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Tgt Ion: 43 Resp: 114820

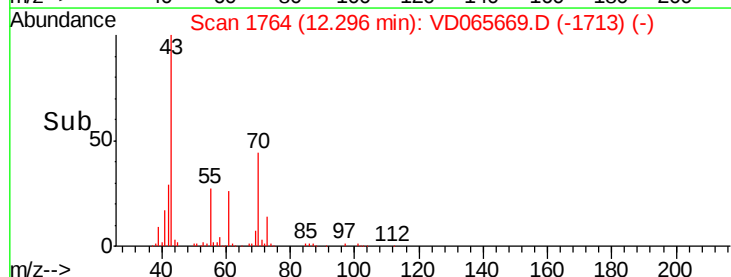
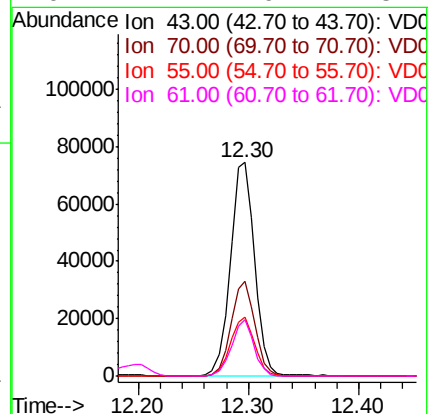
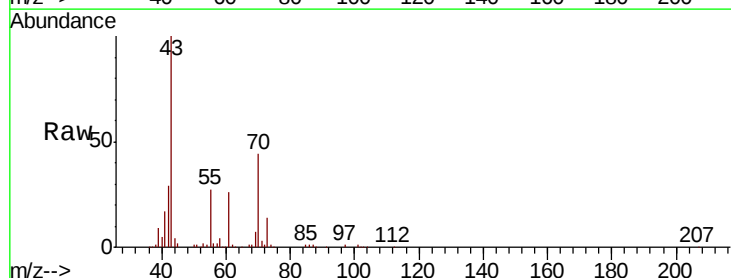
Ion Ratio Lower Upper

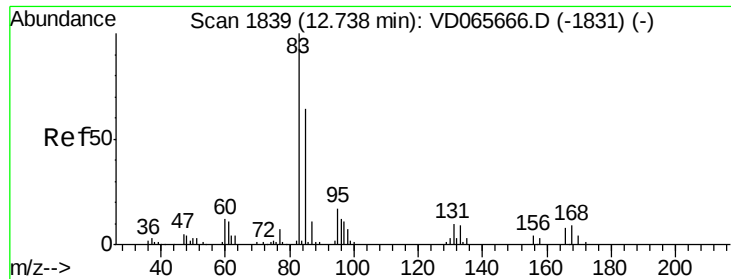
43 100

70 43.2 34.6 51.8

55 27.4 22.3 33.5

61 24.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.525 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

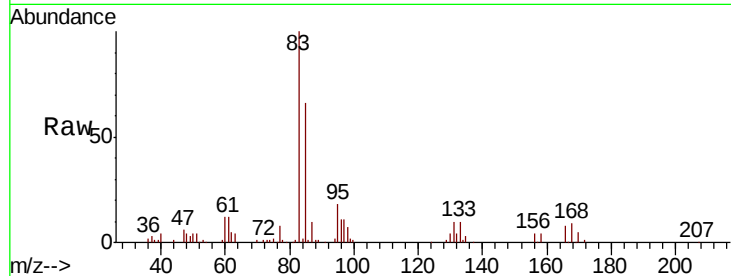
Tot Ion: 83 Resp: 85220

Ion Ratio Lower Upper

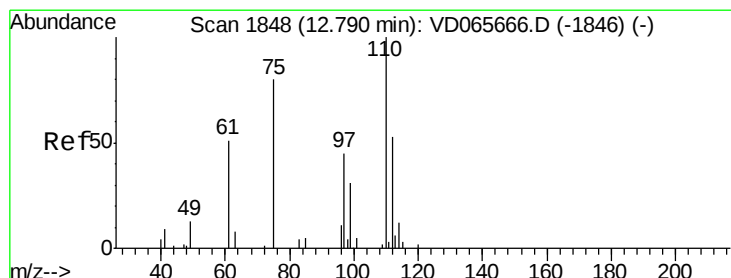
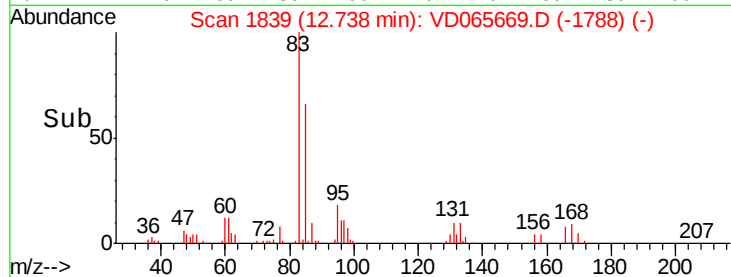
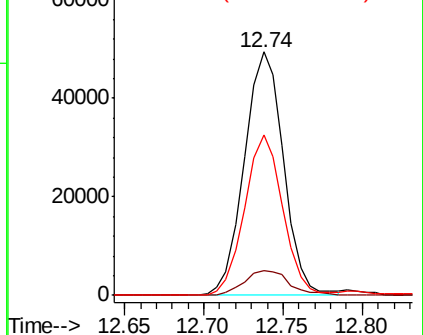
83 100

131 11.6 5.7 17.1

85 64.0 31.9 95.9



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: 101.926 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065669.D

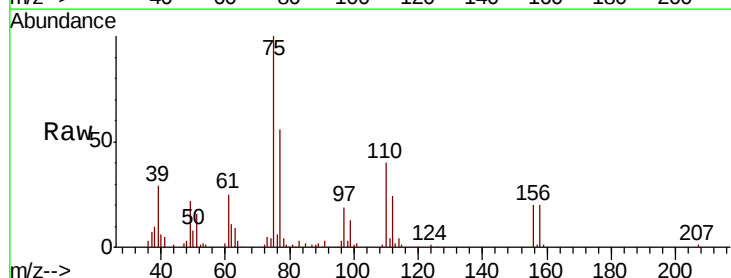
Acq: 22 Apr 2020 18:19

Tgt Ion: 75 Resp: 114679

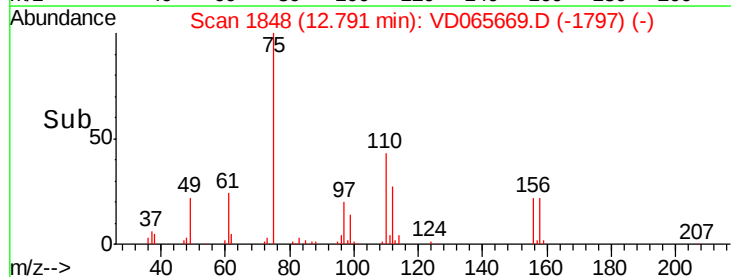
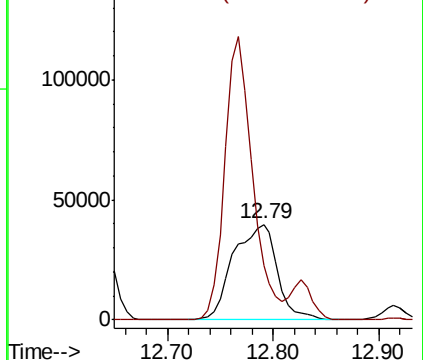
Ion Ratio Lower Upper

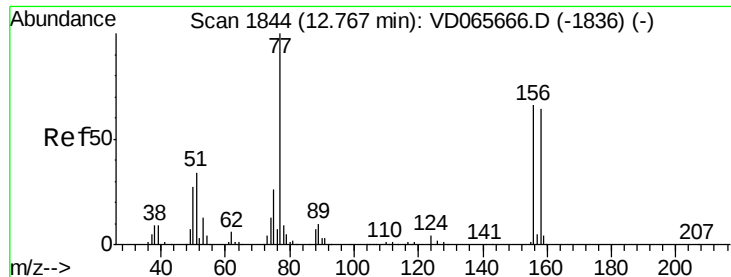
75 100

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: 53.682 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

ClientSampled :

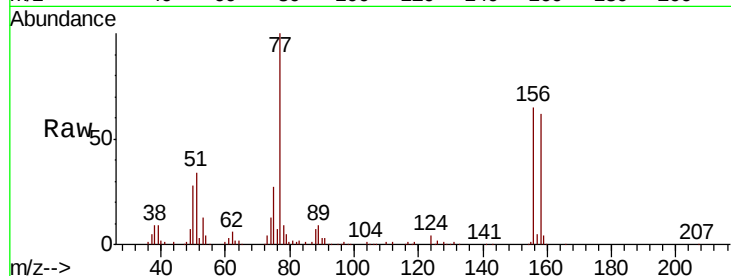
Tot Ion:156 Resp: 129160

Ion Ratio Lower Upper

156 100

77 166.8 85.8 257.3

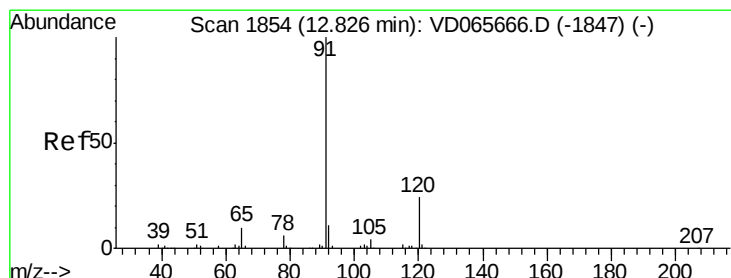
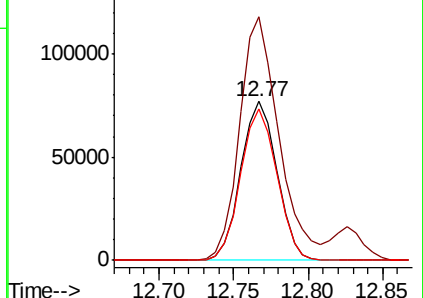
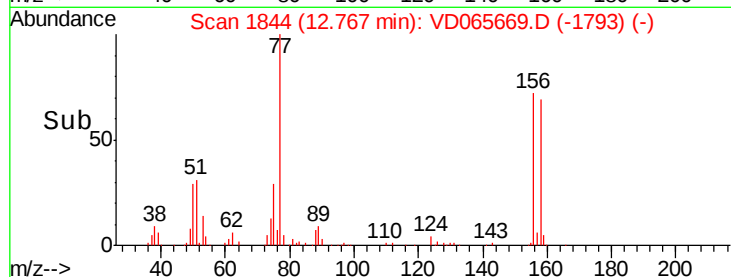
158 96.2 49.9 149.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.640 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065669.D

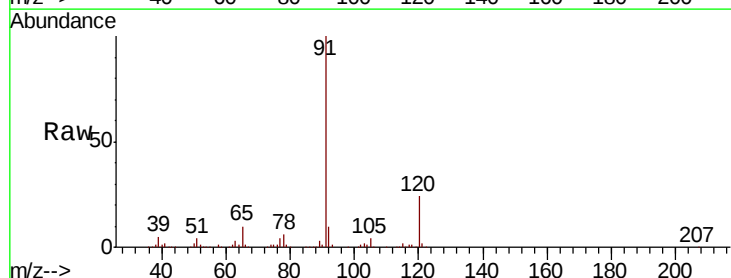
Acq: 22 Apr 2020 18:19

Tgt Ion: 91 Resp: 608401

Ion Ratio Lower Upper

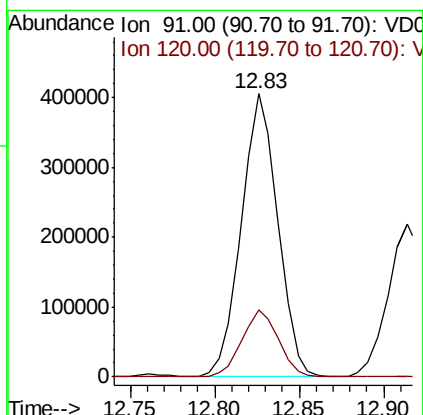
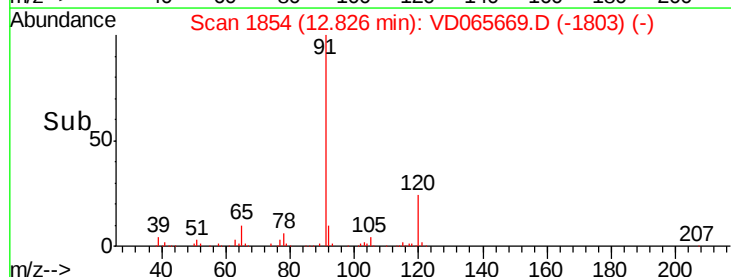
91 100

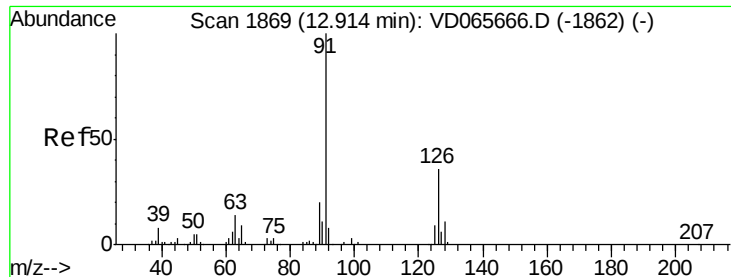
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.759 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

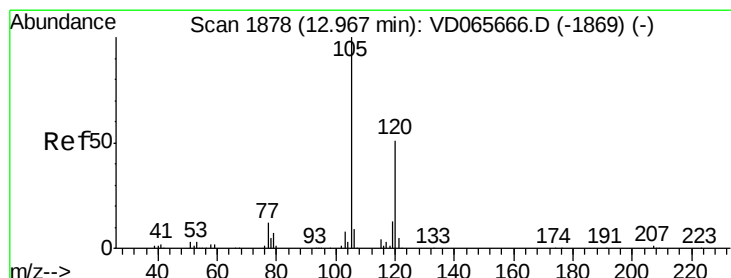
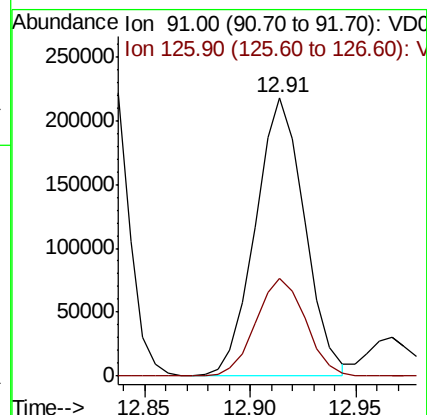
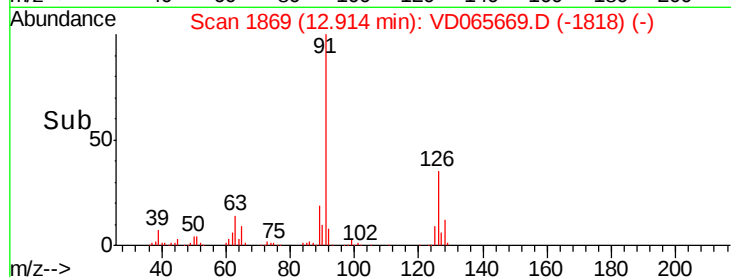
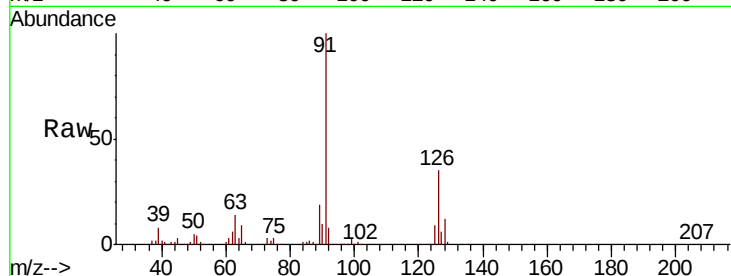
ClientSampled :

Tot Ion: 91 Resp: 352581

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 58.942 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD065669.D

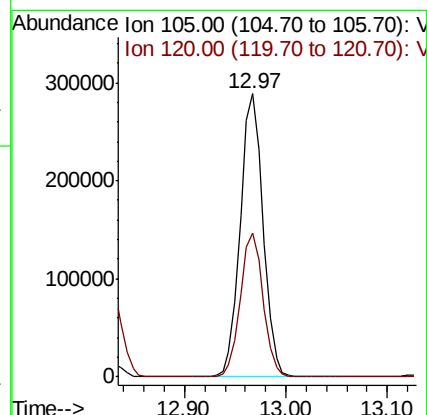
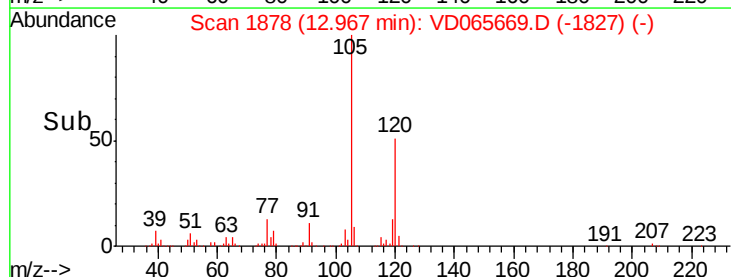
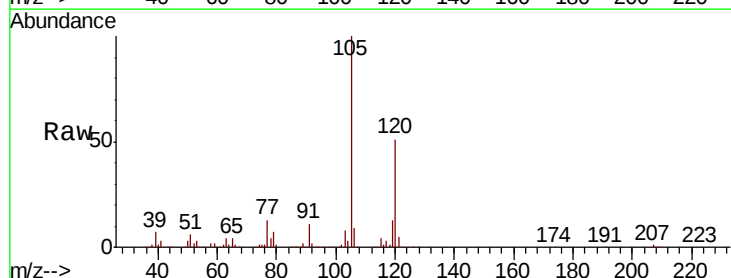
Acq: 22 Apr 2020 18:19

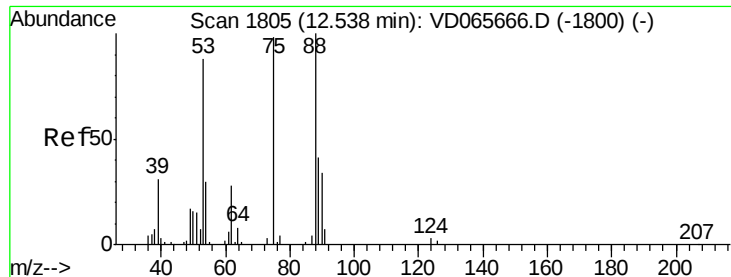
Tgt Ion:105 Resp: 450197

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.019 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

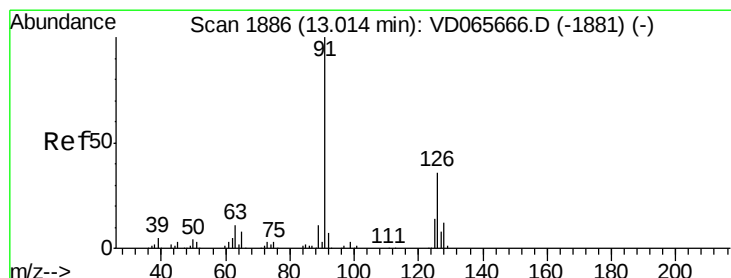
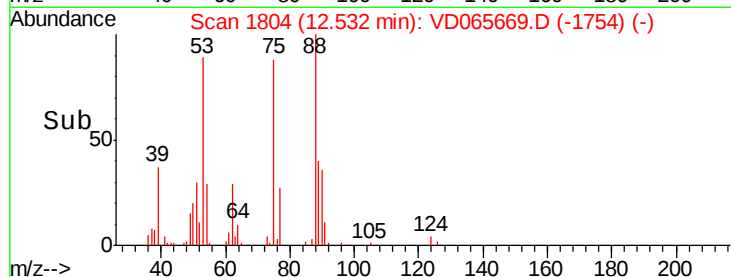
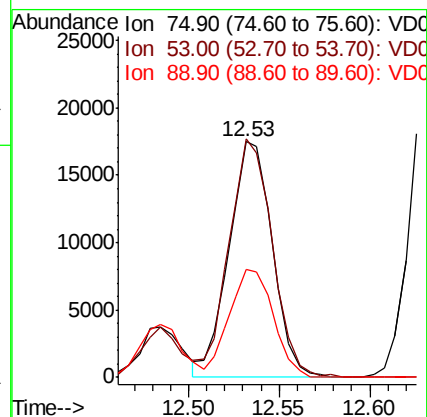
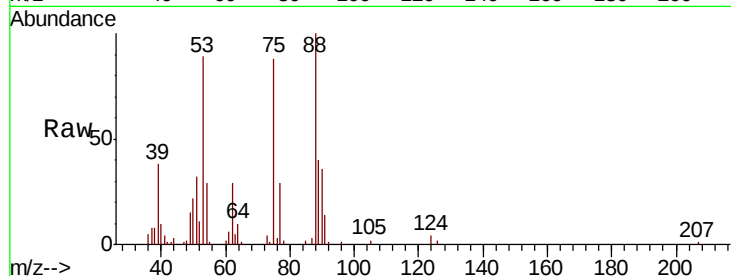
Tot Ion: 75 Resp: 29059

Ion Ratio Lower Upper

75 100

53 101.3 76.5 114.7

89 46.4 35.0 52.6



#82

4-Chlorotoluene

Concen: 56.307 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065669.D

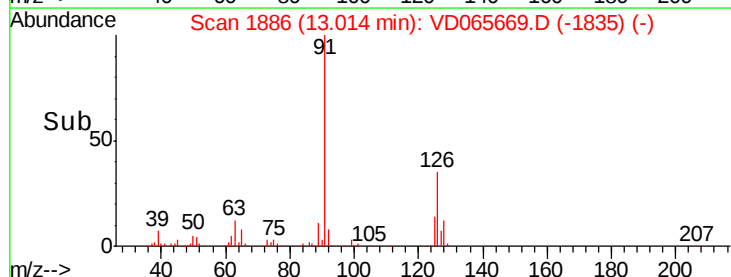
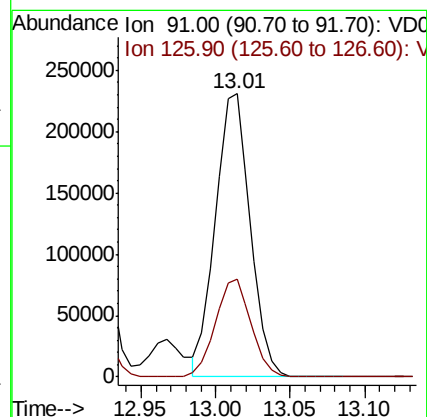
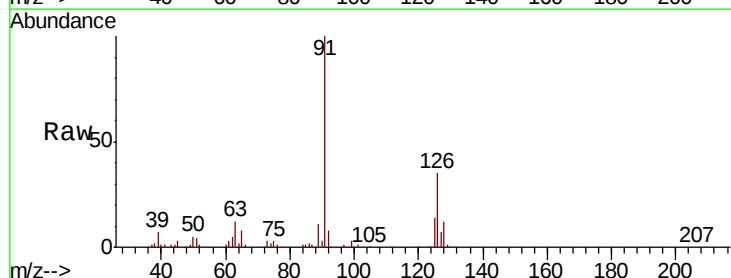
Acq: 22 Apr 2020 18:19

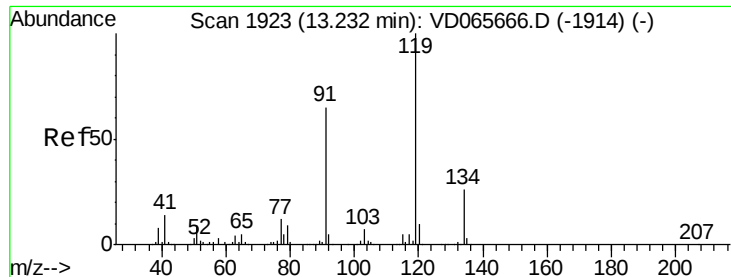
Tgt Ion: 91 Resp: 376017

Ion Ratio Lower Upper

91 100

126 35.3 17.7 53.1

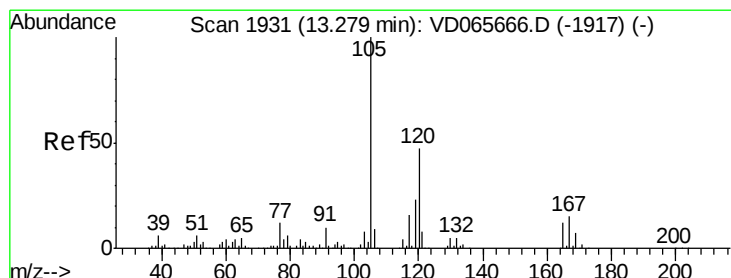
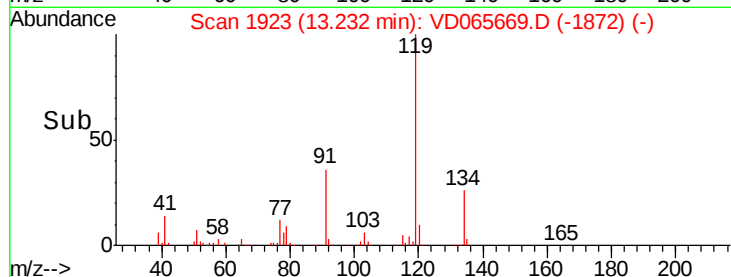
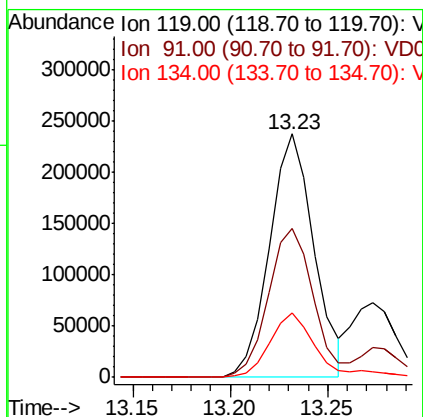
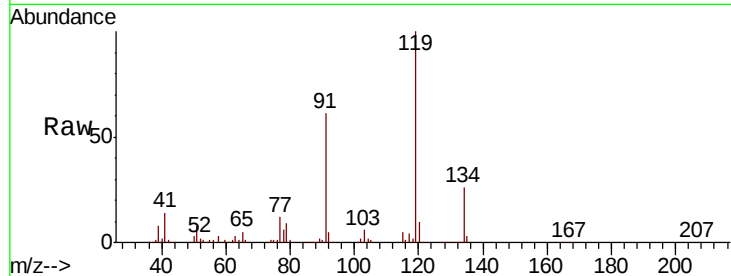




#83
tert-Butylbenzene
Concen: 58.826 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

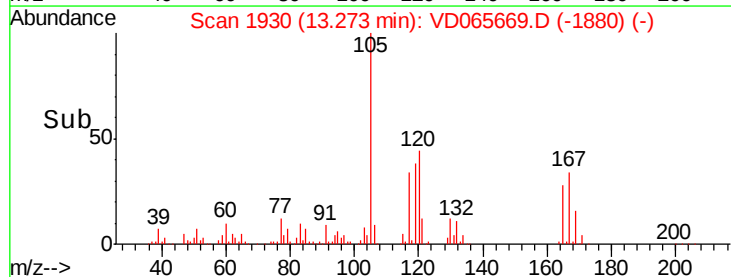
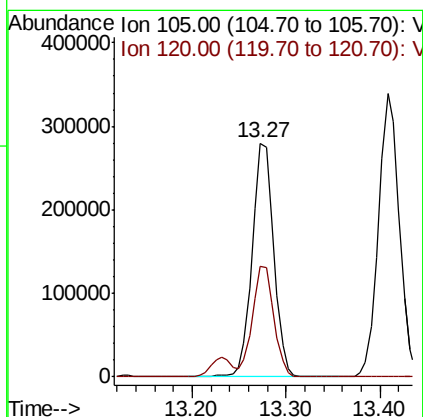
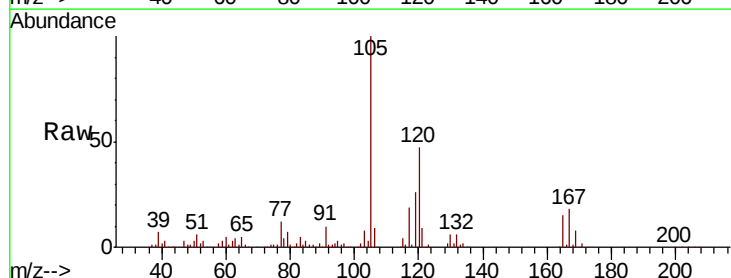
Instrument :
MSVOA_D
ClientSampleId :

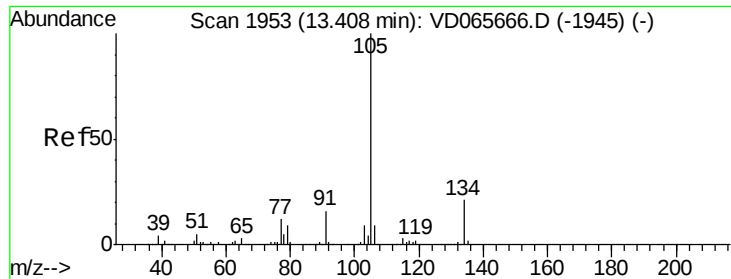
Tot Ion:119 Resp: 374277
Ion Ratio Lower Upper
119 100
91 62.6 31.9 95.7
134 27.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 58.829 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.01 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion:105 Resp: 447089
Ion Ratio Lower Upper
105 100
120 46.5 23.5 70.6

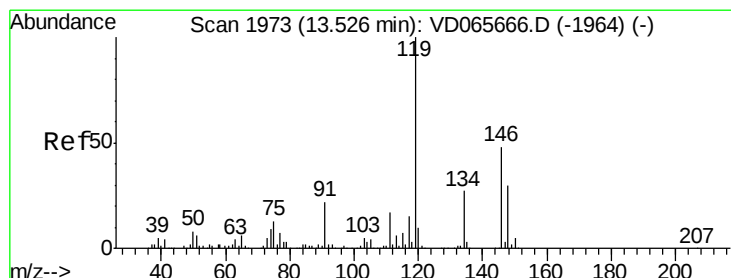
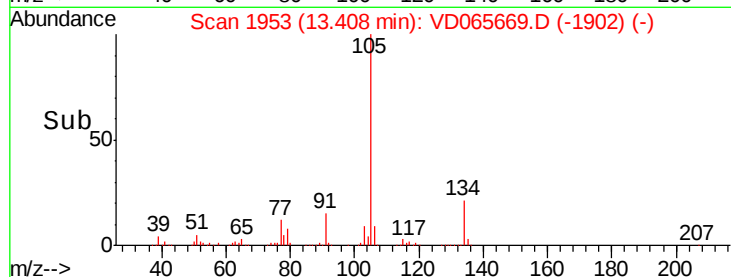
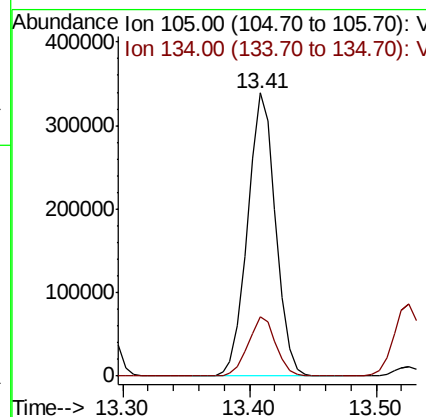
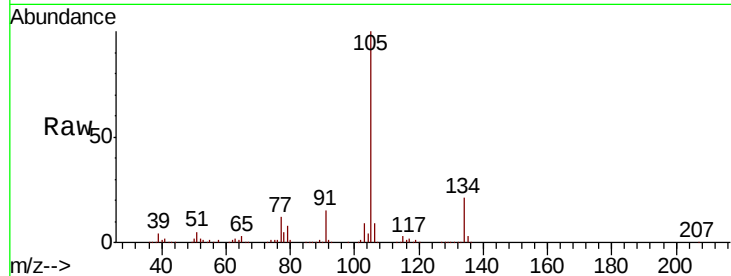




#85
 sec-Butylbenzene
 Concen: 57.029 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

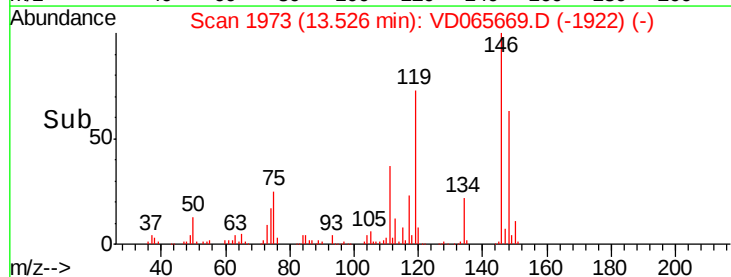
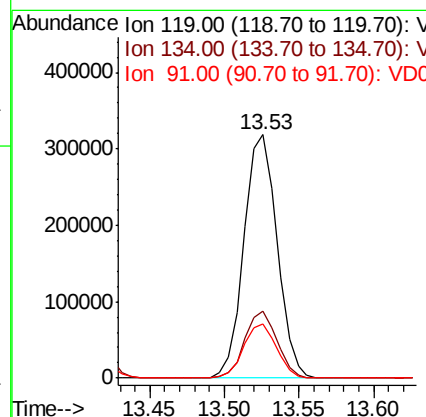
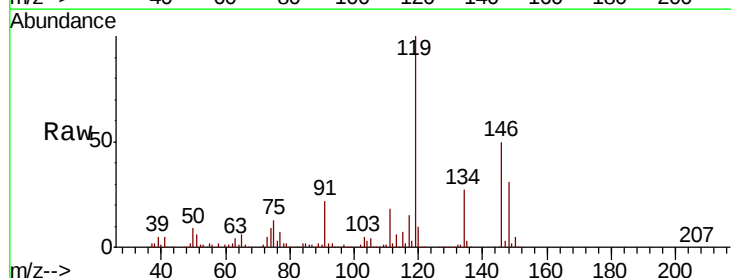
Instrument :
 MSVOA_D
 ClientSampleId :

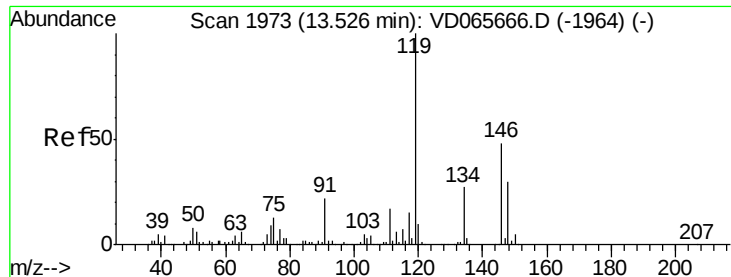
Tot Ion:105 Resp: 518233
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 58.644 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Tgt Ion:119 Resp: 490340
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.1 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 55.601 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

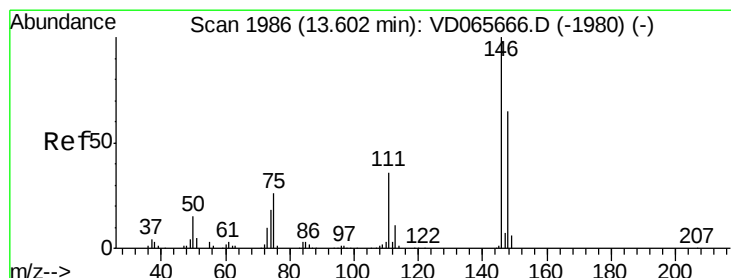
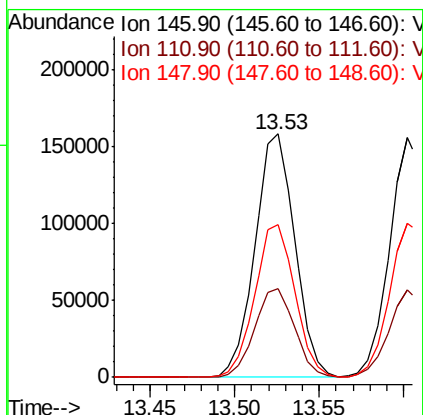
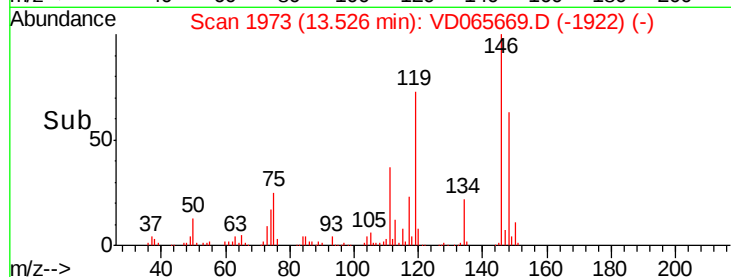
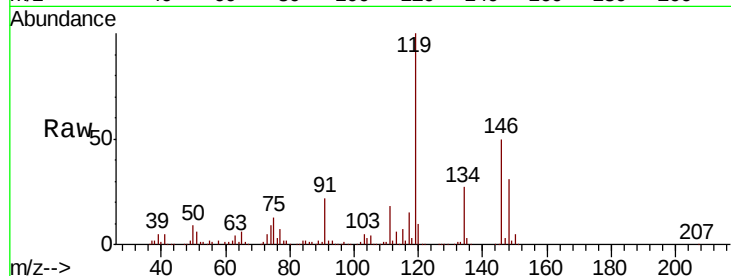
Tot Ion:146 Resp: 259262

Ion Ratio Lower Upper

146 100

111 36.6 18.6 56.0

148 63.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 54.105 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

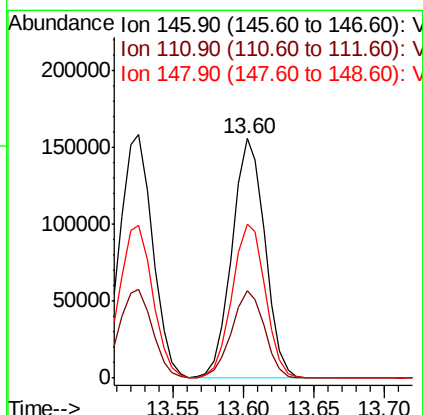
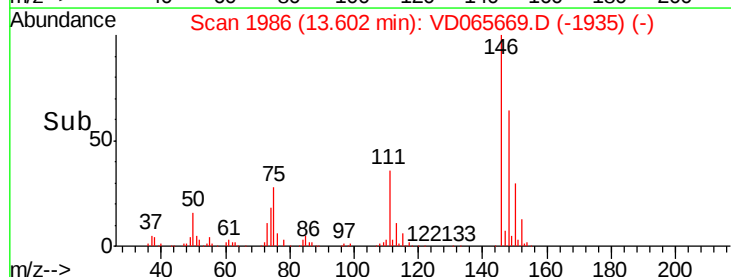
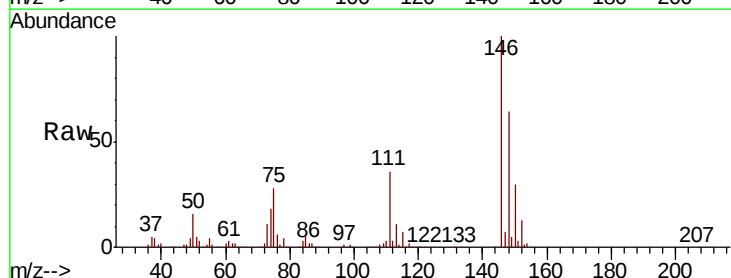
Tgt Ion:146 Resp: 253509

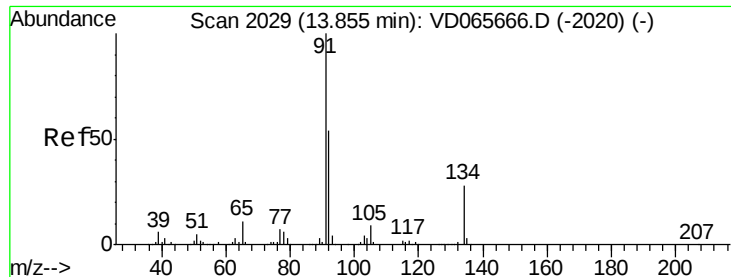
Ion Ratio Lower Upper

146 100

111 36.4 18.1 54.1

148 64.7 31.9 95.5

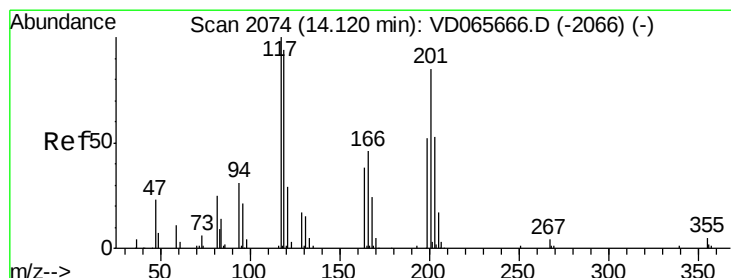
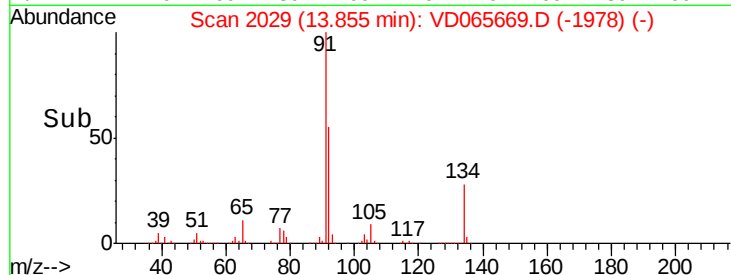
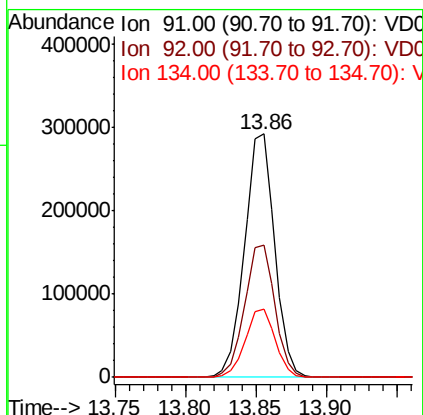
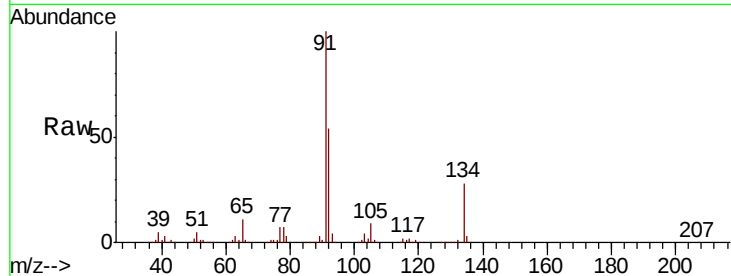




#89
n-Butylbenzene
Concen: 57.640 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

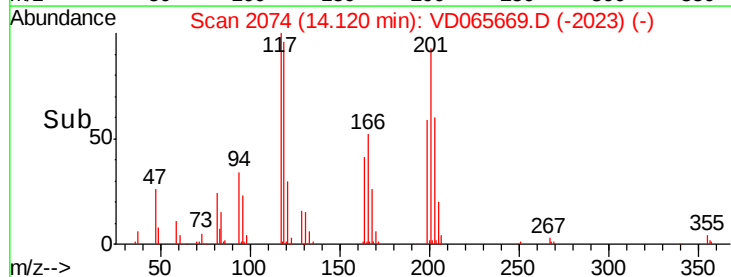
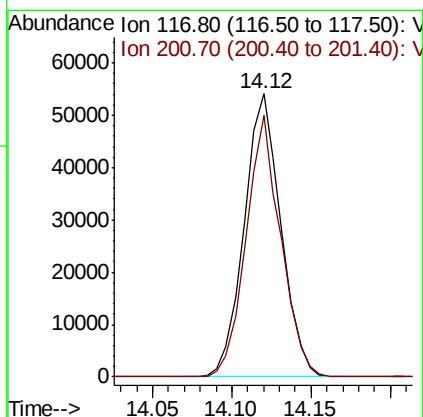
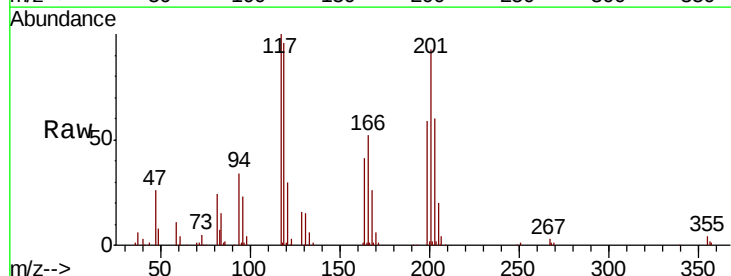
Instrument :
MSVOA_D
ClientSampleId :

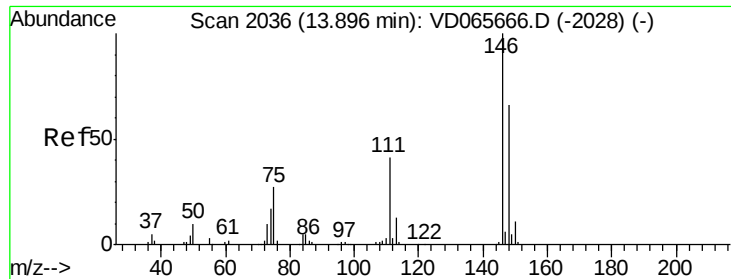
Tot Ion: 91 Resp: 437909
Ion Ratio Lower Upper
91 100
92 54.7 27.1 81.2
134 28.0 13.7 41.0



#90
Hexachloroethane
Concen: 48.085 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion: 117 Resp: 87021
Ion Ratio Lower Upper
117 100
201 87.1 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 55.569 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

Instrument :

MSVOA_D

ClientSampleId :

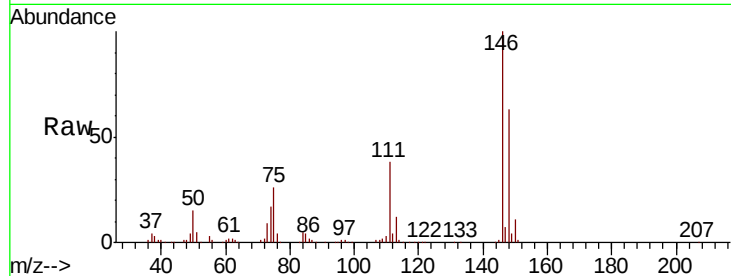
Tot Ion:146 Resp: 224560

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

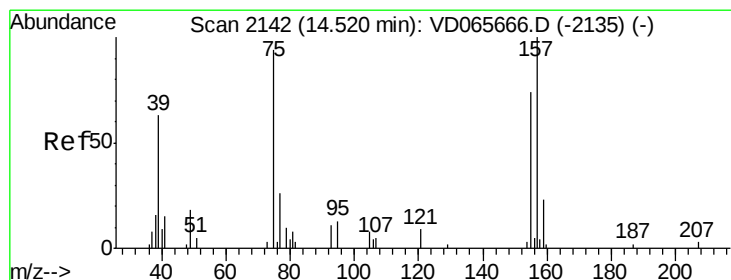
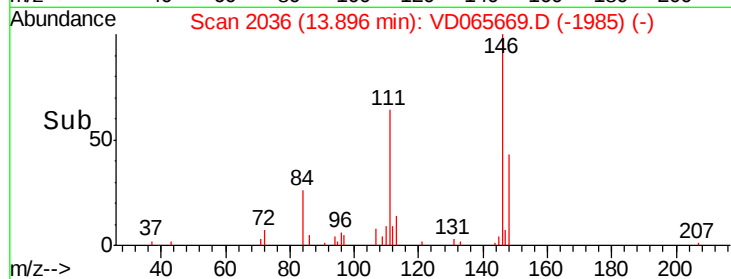
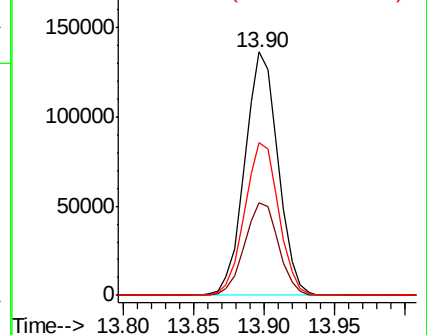
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.906 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.01 min

Lab File: VD065669.D

Acq: 22 Apr 2020 18:19

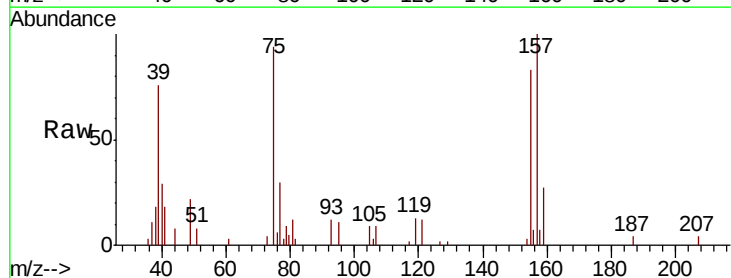
Tgt Ion: 75 Resp: 12830

Ion Ratio Lower Upper

75 100

155 86.6 40.6 122.0

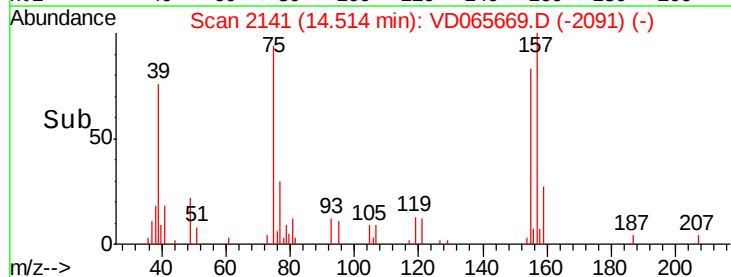
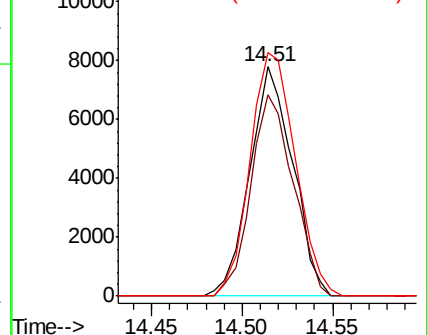
157 112.3 52.8 158.5

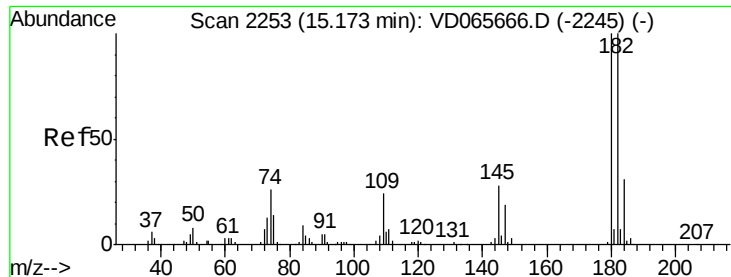


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

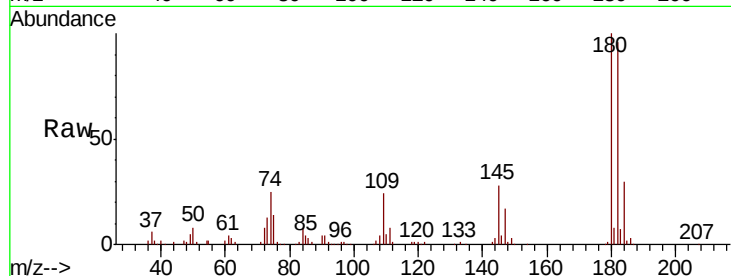




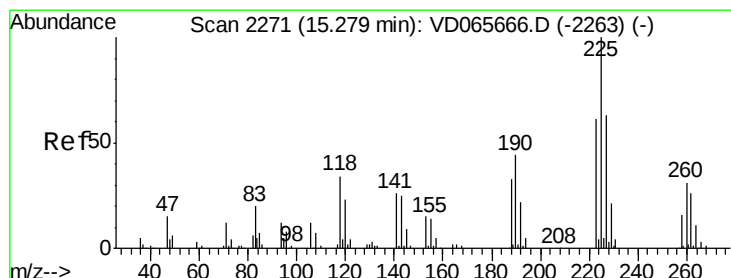
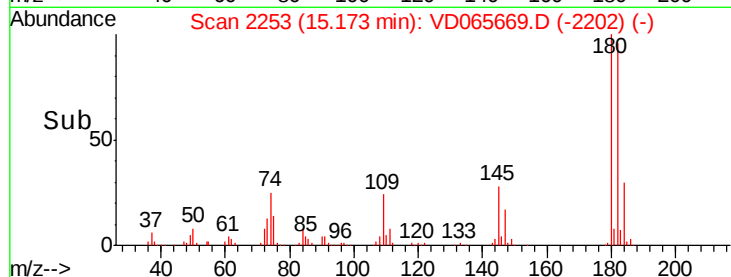
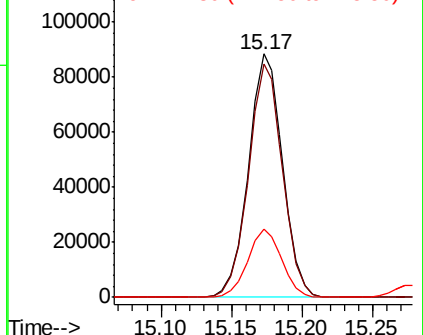
#93
 1,2,4-Trichlorobenzene
 Concen: 54.247 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.4	142.2
145	28.0	14.1	42.4

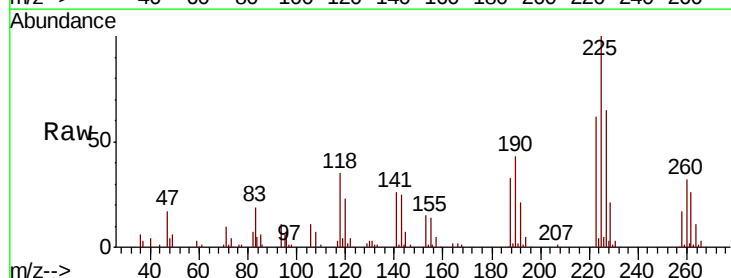


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

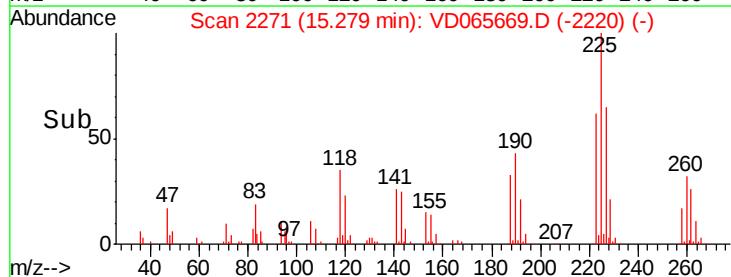
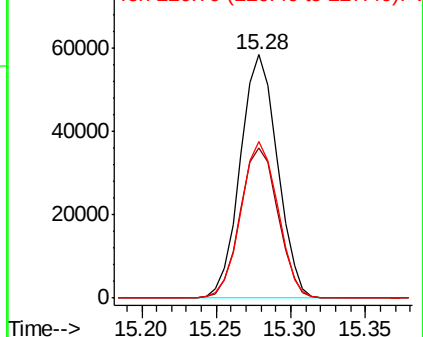


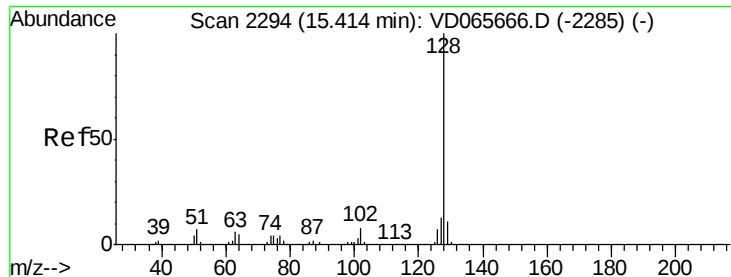
#94
 Hexachlorobutadiene
 Concen: 53.275 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065669.D
 Acq: 22 Apr 2020 18:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.8	92.4
227	63.9	32.1	96.5



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

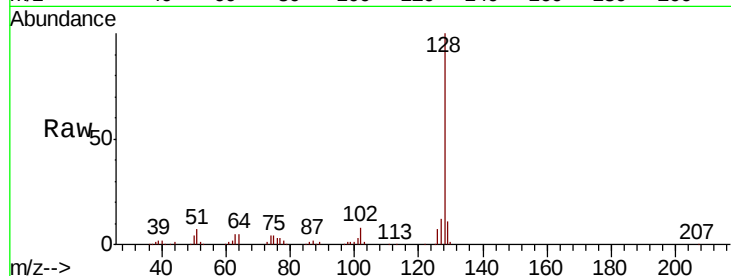




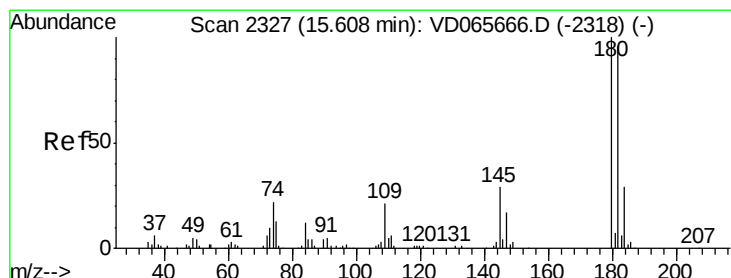
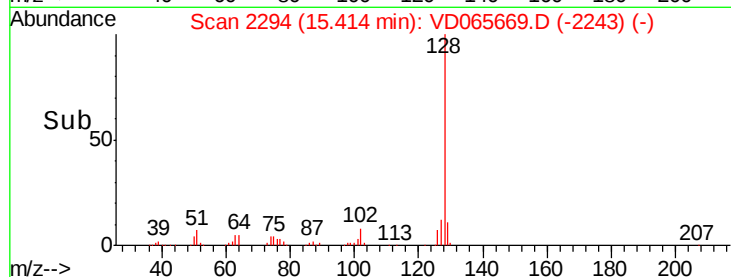
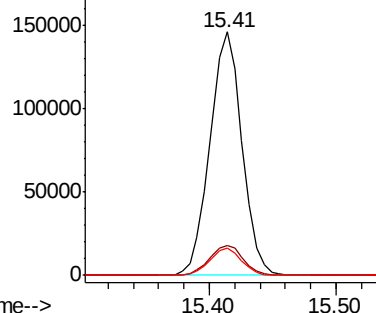
#95
Naphthalene
Concen: 53.194 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 255151
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.2 8.6 12.8

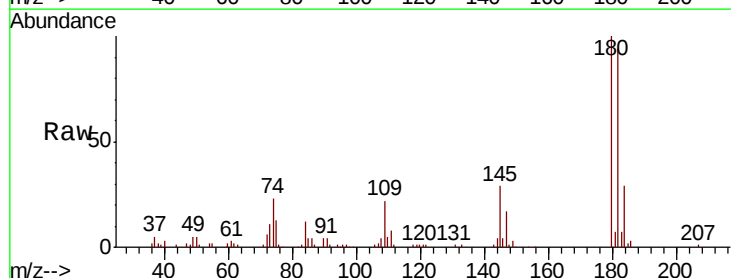


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 57.790 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065669.D
Acq: 22 Apr 2020 18:19

Tgt Ion:180 Resp: 141081
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.3
145 28.7 14.6 44.0



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

