

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042220\
 Data File : VD065668.D
 Acq On : 22 Apr 2020 16:28
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 03:36:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	237475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	323655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	309327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157091	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	280034	139.55	ug/l	0.00
Spiked Amount			Recovery	=	279.10%	
35) Dibromofluoromethane	7.92	113	287984	142.80	ug/l	0.00
Spiked Amount			Recovery	=	285.60%	
50) Toluene-d8	10.34	98	1086473	145.59	ug/l	0.00
Spiked Amount			Recovery	=	291.18%	
62) 4-Bromofluorobenzene	12.64	95	365126	148.53	ug/l	0.00
Spiked Amount			Recovery	=	297.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	281607	147.214	ug/l	100
3) Chloromethane	2.21	50	286932	137.025	ug/l	96
4) Vinyl Chloride	2.35	62	321518	140.869	ug/l	99
5) Bromomethane	2.74	94	195993	155.737	ug/l	97
6) Chloroethane	2.91	64	194382	142.746	ug/l	97
7) Trichlorofluoromethane	3.27	101	464347	142.144	ug/l	97
8) Diethyl Ether	3.71	74	144950	218.099	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	307072	205.479	ug/l	98
10) Methyl Iodide	4.29	142	374712	185.758	ug/l	93
11) Tert butyl alcohol	5.24	59	86310	781.179	ug/l	98
12) 1,1-Dichloroethene	4.06	96	295385	219.814	ug/l	97
13) Acrolein	3.92	56	122743	1416.134	ug/l	99
14) Allyl chloride	4.71	41	499401	200.015	ug/l	92
15) Acrylonitrile	5.43	53	358894	845.616	ug/l	99
16) Acetone	4.16	43	269156	945.583	ug/l	96
17) Carbon Disulfide	4.40	76	992375	189.812	ug/l	100
18) Methyl Acetate	4.72	43	176823	189.404	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	682565	173.413	ug/l	96
20) Methylene Chloride	4.96	84	326221	145.570	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	345626	152.268	ug/l	97
22) Diisopropyl ether	6.37	45	980950	161.343	ug/l	99
23) Vinyl Acetate	6.31	43	2895761	893.735	ug/l	100
24) 1,1-Dichloroethane	6.27	63	573300	147.934	ug/l	100
25) 2-Butanone	7.22	43	431734	831.805	ug/l	99
26) 2,2-Dichloropropane	7.21	77	484917	143.693	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	372211	157.541	ug/l	97
28) Bromochloromethane	7.55	49	218676	138.216	ug/l	100
29) Tetrahydrofuran	7.57	42	293631	892.260	ug/l	99
30) Chloroform	7.71	83	577721	146.342	ug/l	98
31) Cyclohexane	7.98	56	552893	149.749	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	523914	146.894	ug/l	98
36) 1,1-Dichloropropene	8.11	75	467692	152.724	ug/l	99
37) Ethyl Acetate	7.30	43	207013	171.880	ug/l	98
38) Carbon Tetrachloride	8.10	117	487108	149.110	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	597475	168.987	ug/l	97
40) Benzene	8.36	78	1338246	152.665	ug/l	97
41) Methacrylonitrile	7.53	41	121671	191.591	ug/l	97
42) 1,2-Dichloroethane	8.43	62	370387	154.801	ug/l	100
43) Isopropyl Acetate	8.46	43	379045	173.992	ug/l	99
44) Trichloroethene	9.11	130	375122	152.743	ug/l	99
45) 1,2-Dichloropropane	9.39	63	326434	152.338	ug/l	98
46) Dibromomethane	9.48	93	175579	158.375	ug/l	100
47) Bromodichloromethane	9.67	83	452405	153.663	ug/l	97
48) Methyl methacrylate	9.46	41	186536	179.160	ug/l	99
49) 1,4-Dioxane	9.47	88	44439	3633.579	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	989560	896.743	ug/l	99
52) Toluene	10.41	92	864326	159.760	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	450821	168.718	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	532031	162.799	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	247264	159.384	ug/l	99
56) Ethyl methacrylate	10.67	69	319358	191.833	ug/l	95
57) 1,3-Dichloropropane	10.95	76	425909	161.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	746830	848.559	ug/l	100
59) 2-Hexanone	10.99	43	674689	901.128	ug/l	97
60) Dibromochloromethane	11.14	129	323082	156.762	ug/l	99
61) 1,2-Dibromoethane	11.25	107	237290	158.108	ug/l	99
64) Tetrachloroethene	10.88	164	322075	150.479	ug/l	95
65) Chlorobenzene	11.68	112	904554	152.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	342376	150.828	ug/l	99
67) Ethyl Benzene	11.75	91	1641155	161.694	ug/l	100
68) m/p-Xylenes	11.86	106	1257116	320.189	ug/l	100
69) o-Xylene	12.18	106	573507	167.681	ug/l	100
70) Styrene	12.20	104	1012536	167.068	ug/l	100
71) Bromoform	12.37	173	199117	156.619	ug/l #	98
73) Isopropylbenzene	12.48	105	1543114	168.494	ug/l	100
74) N-amyl acetate	12.30	43	352389	182.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	259004	156.228	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	347108	292.949	ug/l #	100
77) Bromobenzene	12.77	156	385931	159.216	ug/l	98
78) n-propylbenzene	12.83	91	1799595	162.390	ug/l	100
79) 2-Chlorotoluene	12.91	91	1002157	158.962	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1268419	163.966	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	95734	172.547	ug/l	95
82) 4-Chlorotoluene	13.01	91	1049856	154.674	ug/l	99
83) tert-Butylbenzene	13.23	119	1081926	166.963	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	1268812	164.662	ug/l	100
85) sec-Butylbenzene	13.41	105	1501213	161.770	ug/l	100
86) p-Isopropyltoluene	13.53	119	1411668	161.925	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	715619	150.076	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	706632	149.107	ug/l	99
89) n-Butylbenzene	13.86	91	1291208	163.428	ug/l	100
90) Hexachloroethane	14.12	117	268992	146.703	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	623840	152.997	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	41313	164.289	ug/l	86

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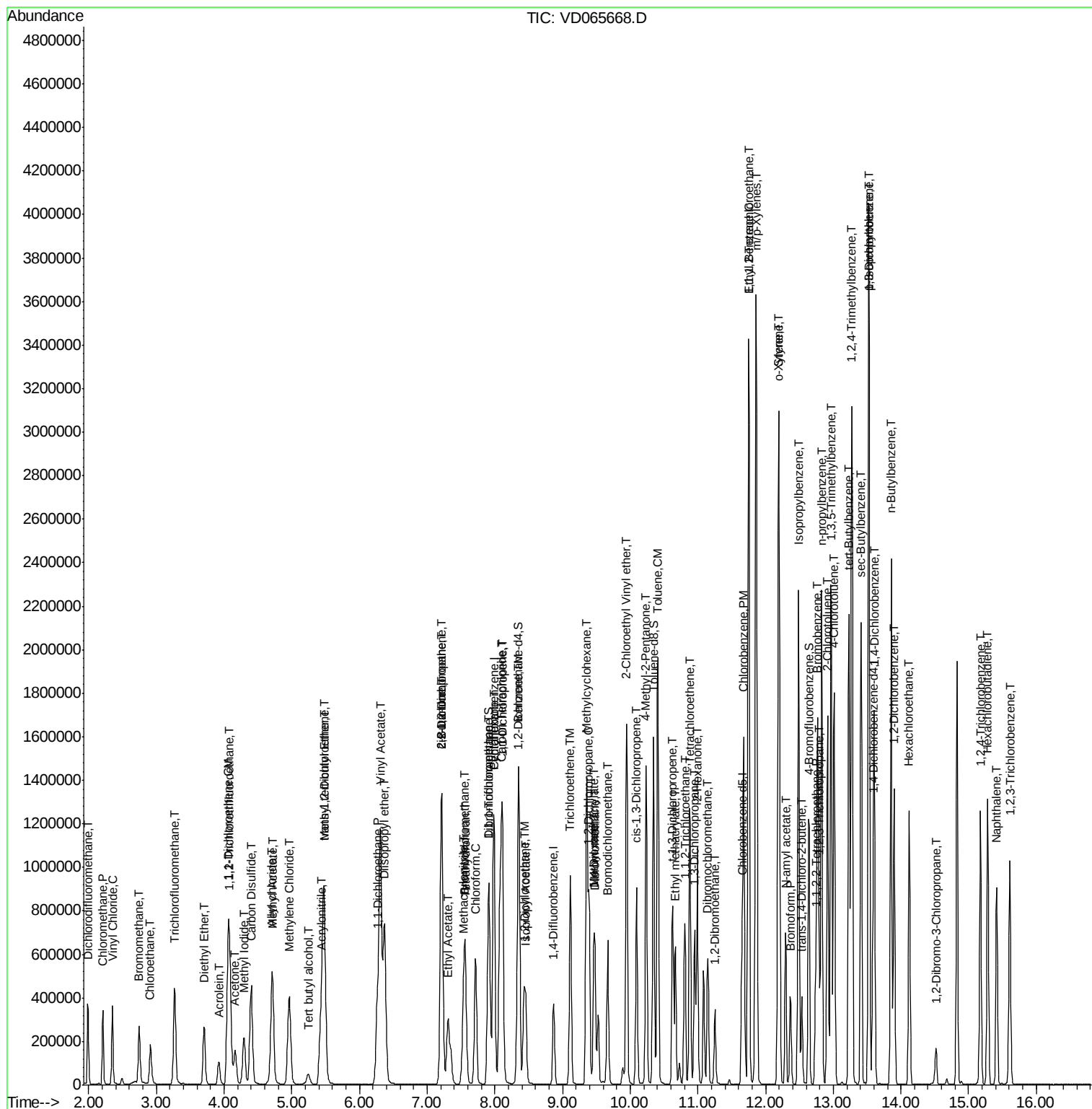
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	458439	163.980	ug/l	100
94) Hexachlorobutadiene	15.28	225	288391	149.715	ug/l	99
95) Naphthalene	15.41	128	788178	192.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	402783	163.862	ug/l	99

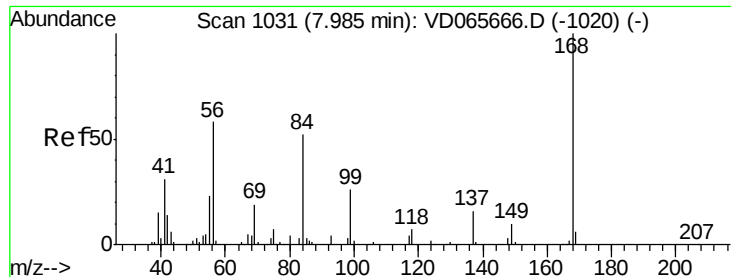
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

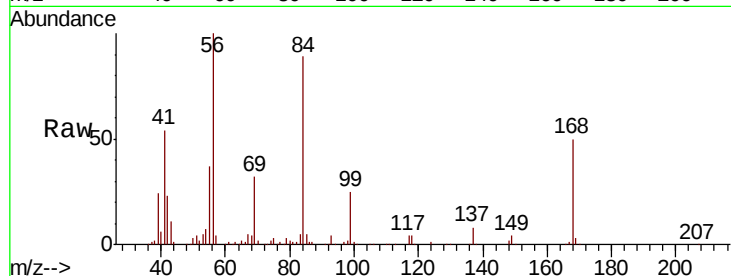
ClientSampled :

Tot Ion:168 Resp: 237475

Ion Ratio Lower Upper

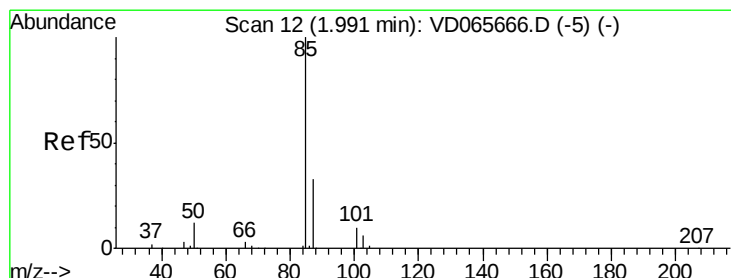
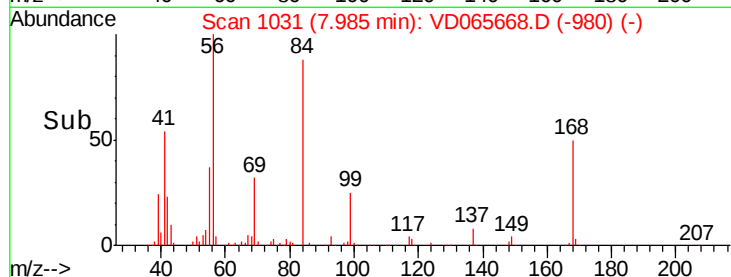
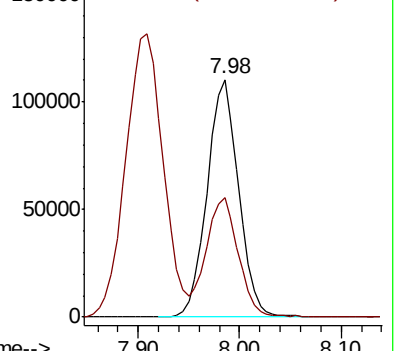
168 100

99 49.9 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: 147.214 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD065668.D

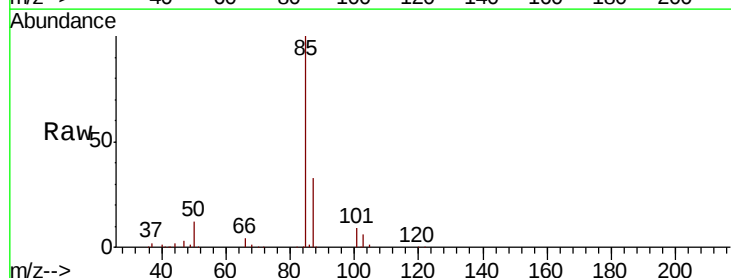
Acq: 22 Apr 2020 16:28

Tgt Ion: 85 Resp: 281607

Ion Ratio Lower Upper

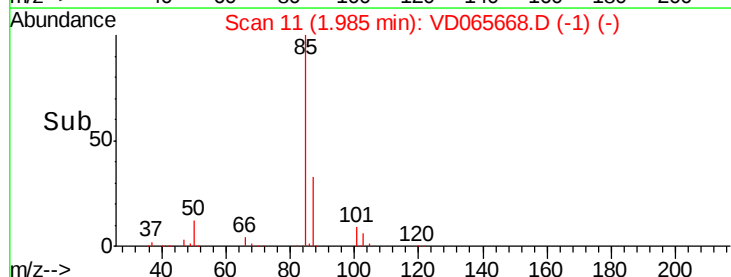
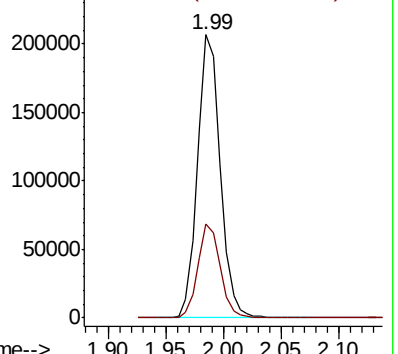
85 100

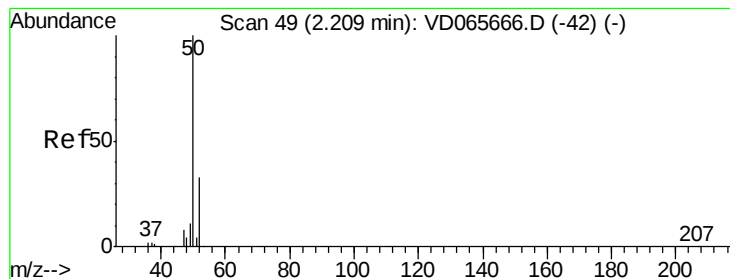
87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 137.025 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

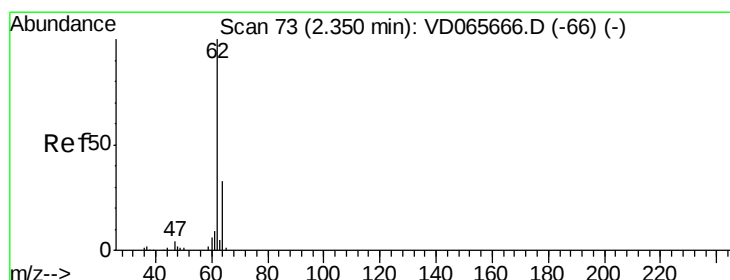
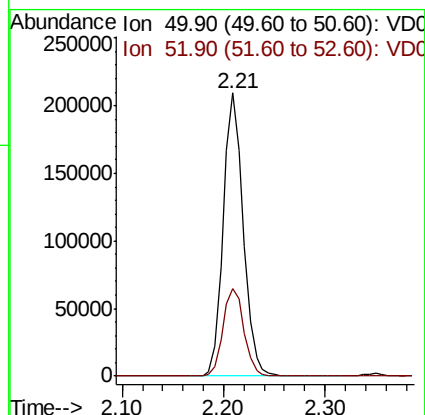
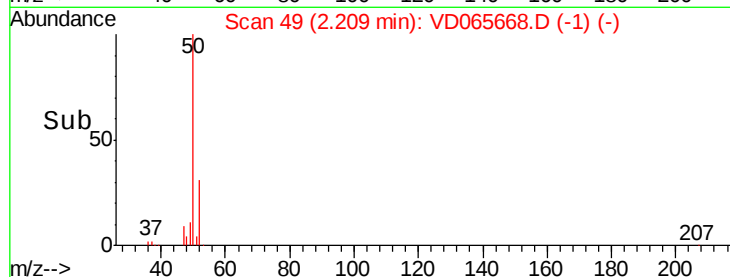
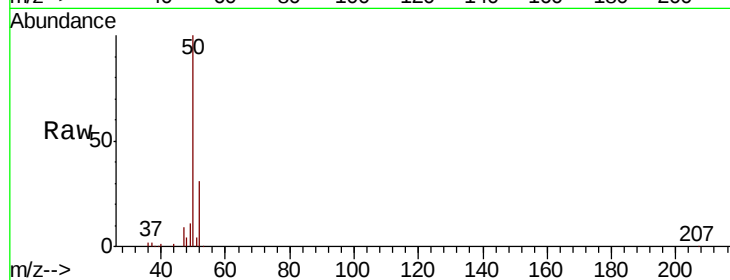
ClientSampleId :

Tot Ion: 50 Resp: 286932

Ion Ratio Lower Upper

50 100

52 31.1 26.6 39.8



#4

Vinyl Chloride

Concen: 140.869 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065668.D

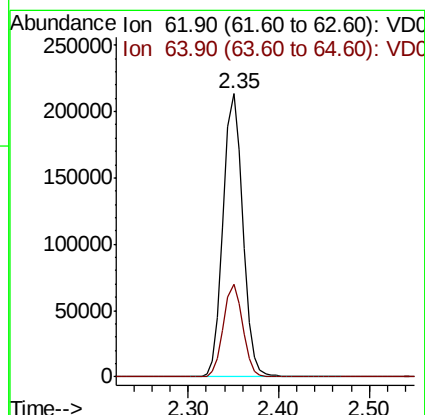
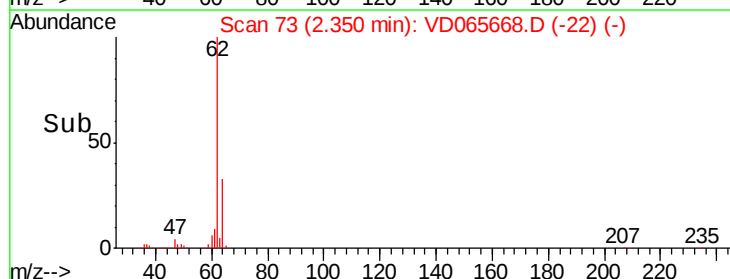
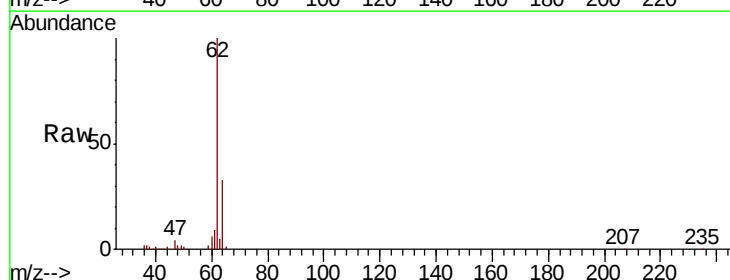
Acq: 22 Apr 2020 16:28

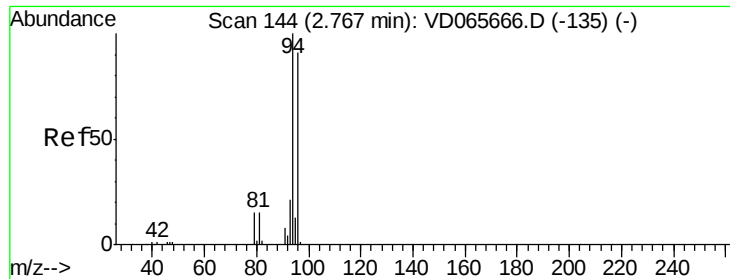
Tgt Ion: 62 Resp: 321518

Ion Ratio Lower Upper

62 100

64 32.6 26.4 39.6





#5

Bromomethane

Concen: 155.737 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.02 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

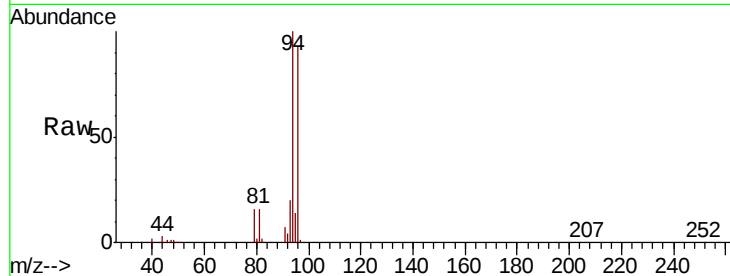
ClientSampleId :

Tot Ion: 94 Resp: 195993

Ion Ratio Lower Upper

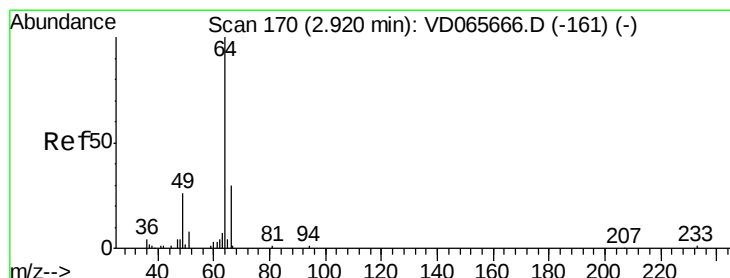
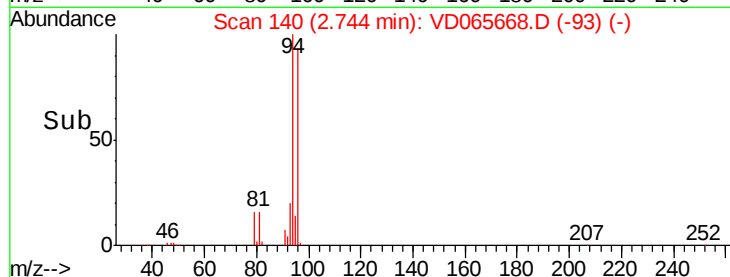
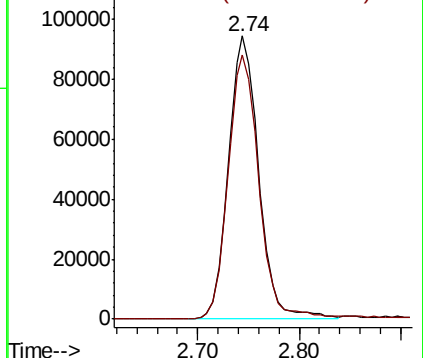
94 100

96 93.5 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: 142.746 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD065668.D

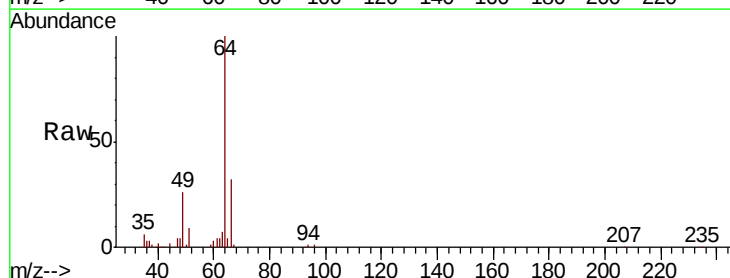
Acq: 22 Apr 2020 16:28

Tgt Ion: 64 Resp: 194382

Ion Ratio Lower Upper

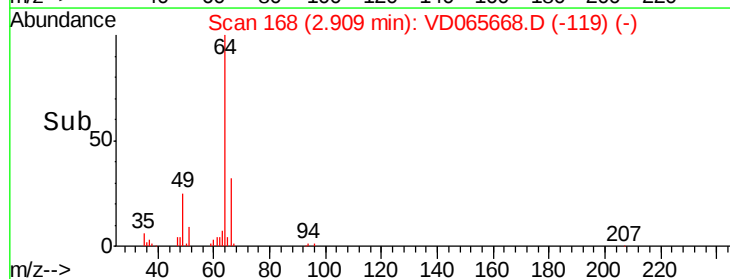
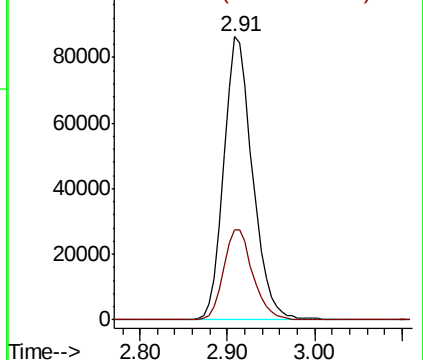
64 100

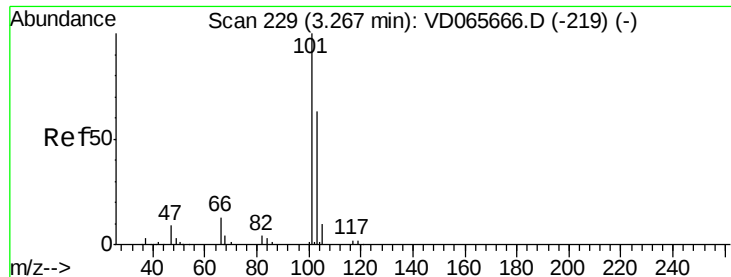
66 31.9 24.2 36.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



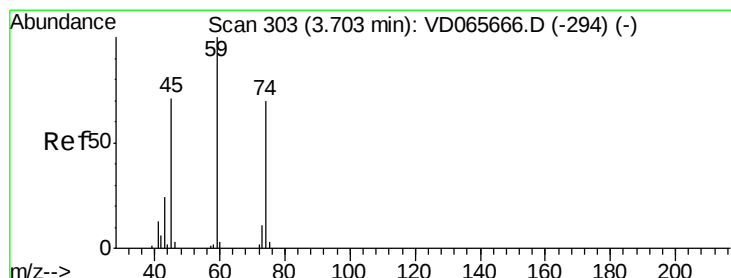
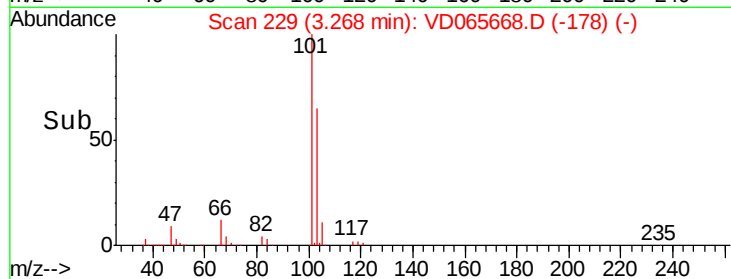
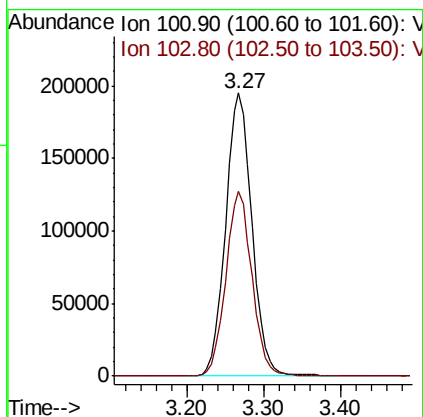
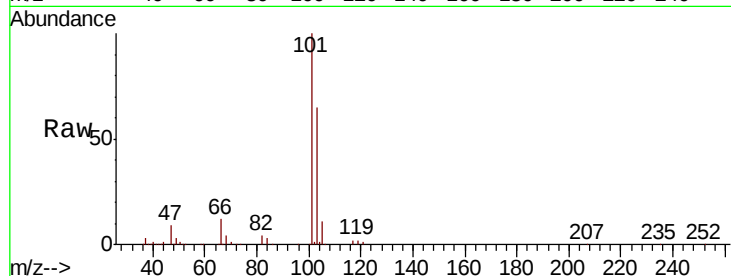


#7

Trichlorofluoromethane
 Concen: 142.144 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
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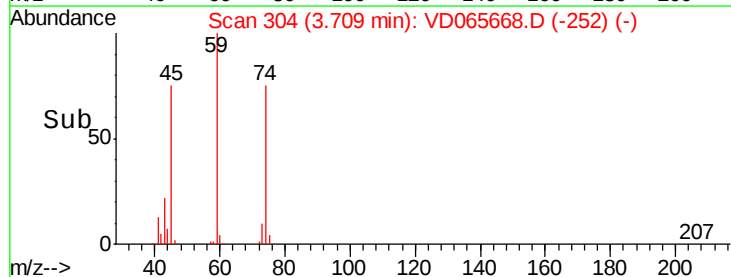
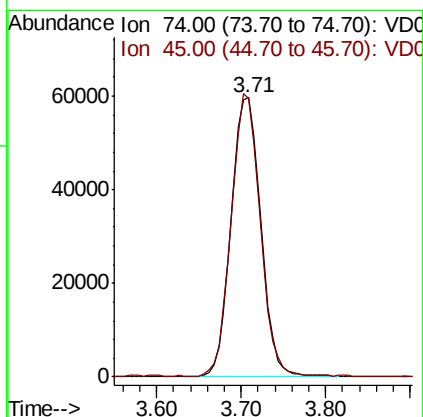
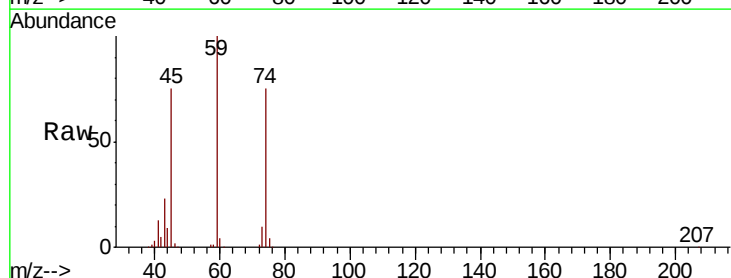
Tot Ion:101 Resp: 464347
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.2 75.2

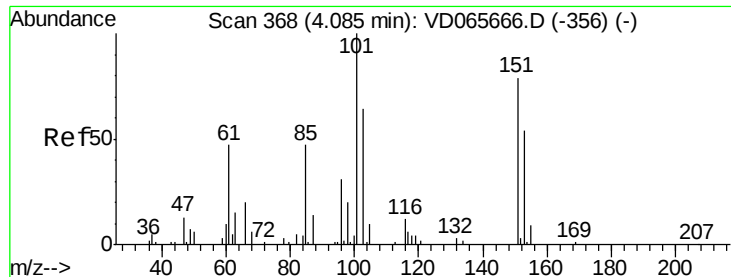


#8

Diethyl Ether
 Concen: 218.099 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion: 74 Resp: 144950
 Ion Ratio Lower Upper
 74 100
 45 98.8 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 205.479 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

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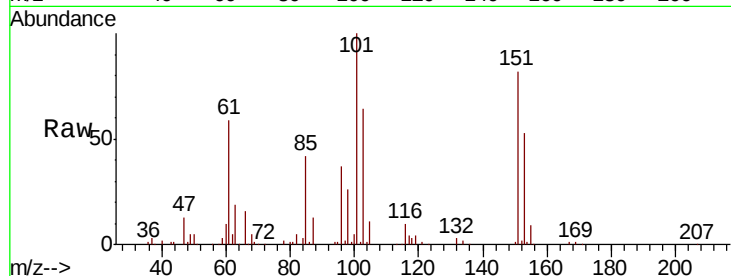
Tot Ion:101 Resp: 307072

Ion Ratio Lower Upper

101 100

85 42.3 35.6 53.4

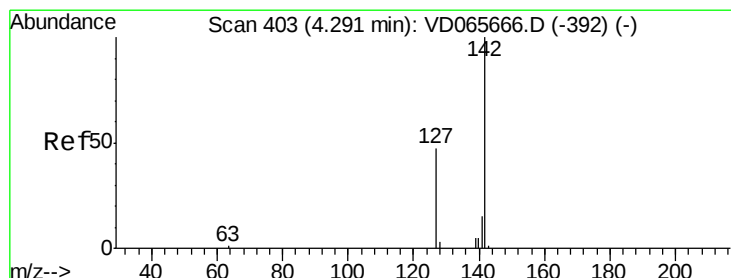
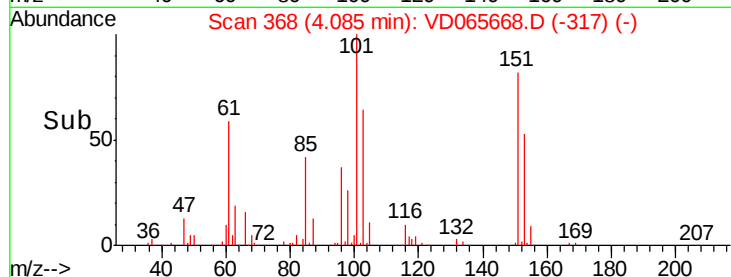
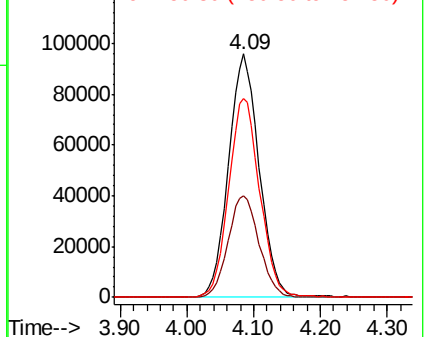
151 82.5 65.4 98.0



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: 185.758 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

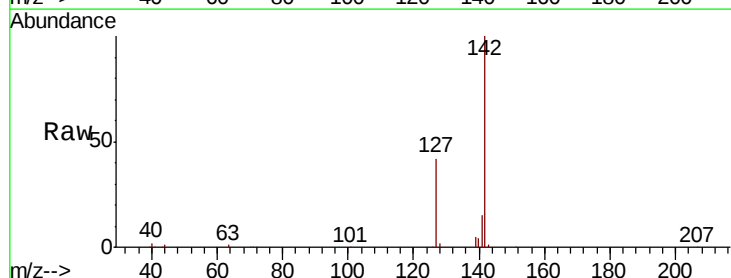
Tgt Ion:142 Resp: 374712

Ion Ratio Lower Upper

142 100

127 42.1 38.2 57.2

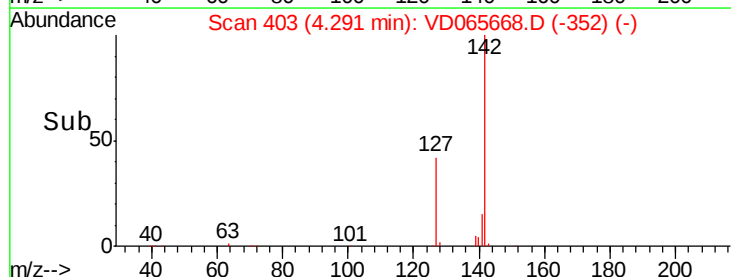
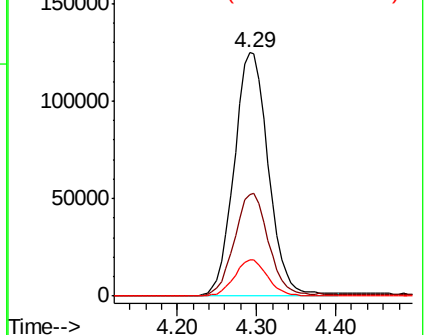
141 14.5 12.1 18.1

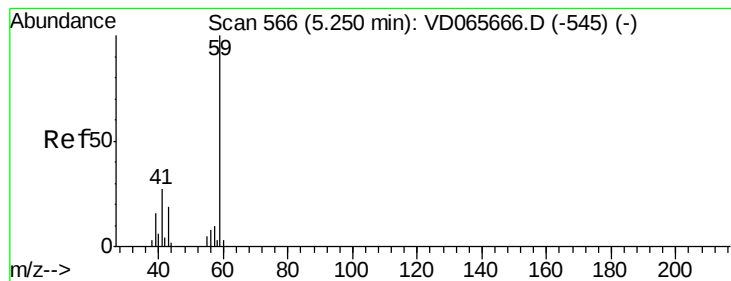


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



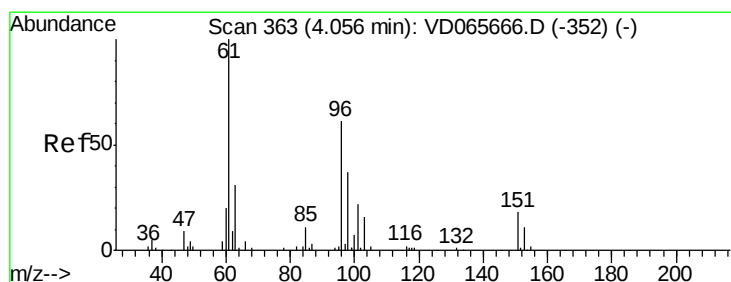
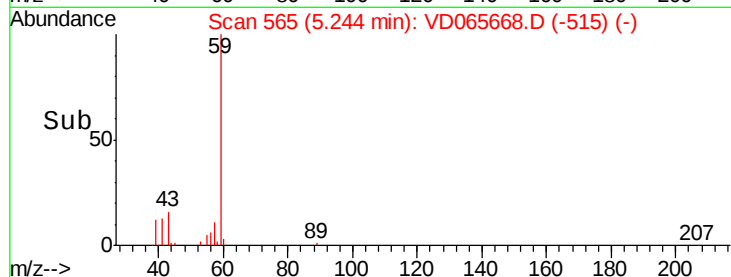
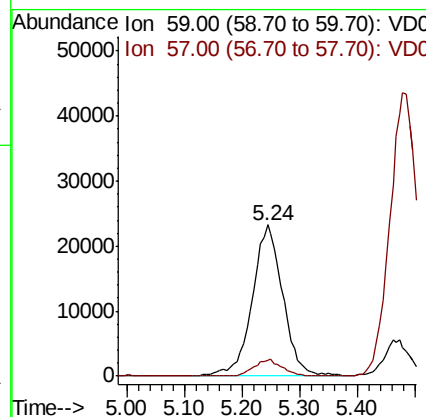
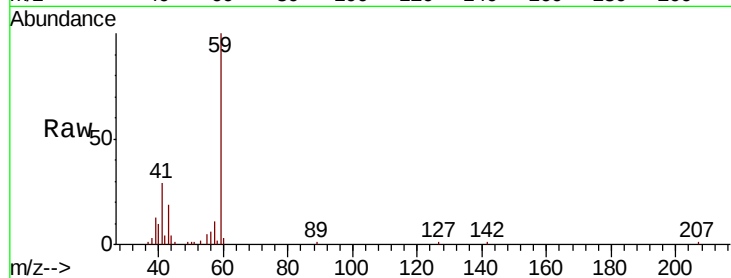


#11

Tert butyl alcohol
Concen: 781.179 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :

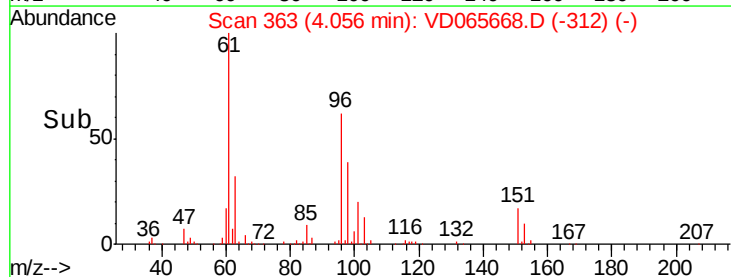
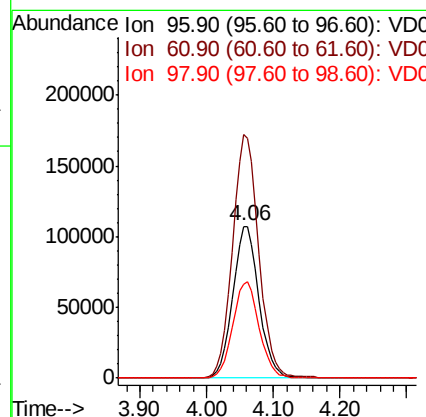
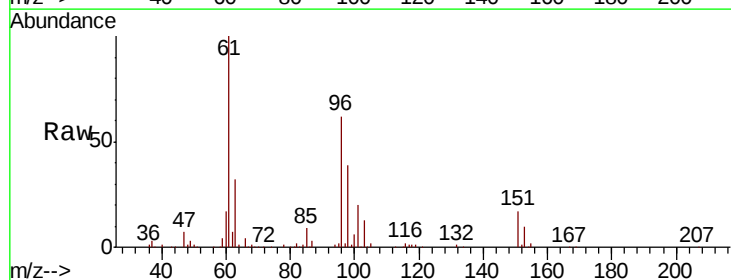
Tot Ion: 59 Resp: 86310
Ion Ratio Lower Upper
59 100
57 10.0 7.5 11.3

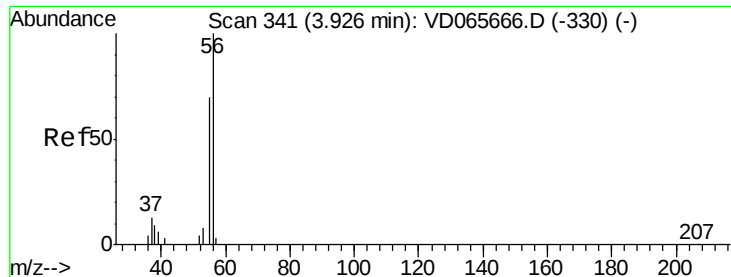


#12

1,1-Dichloroethene
Concen: 219.814 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 96 Resp: 295385
Ion Ratio Lower Upper
96 100
61 160.5 131.8 197.6
98 62.3 48.2 72.4





#13

Acrolein

Concen: 1416.134 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

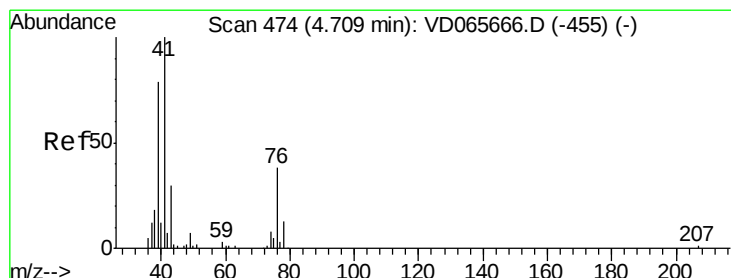
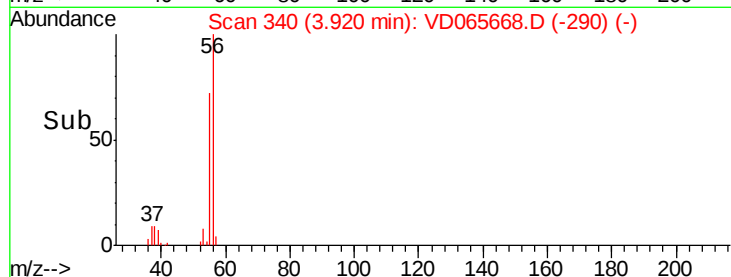
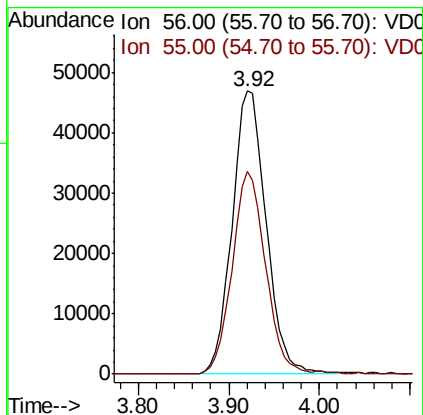
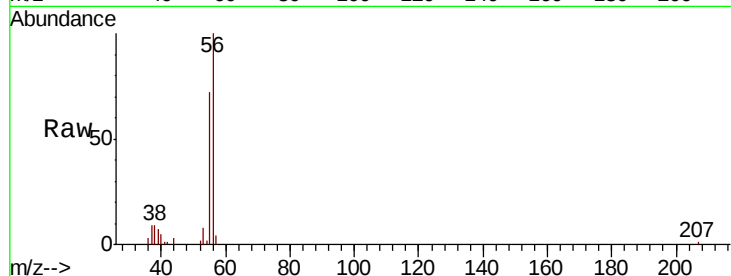
ClientSampled :

Tot Ion: 56 Resp: 122743

Ion Ratio Lower Upper

56 100

55 70.4 57.3 85.9



#14

Allyl chloride

Concen: 200.015 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

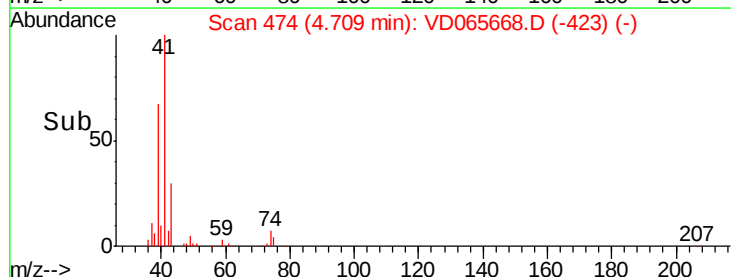
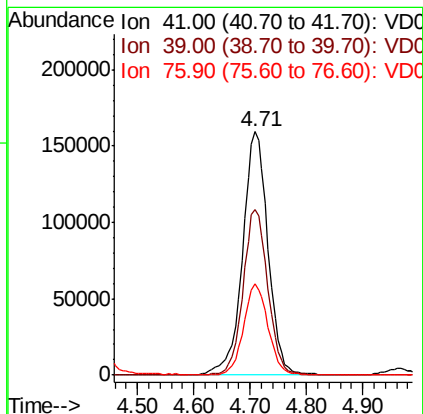
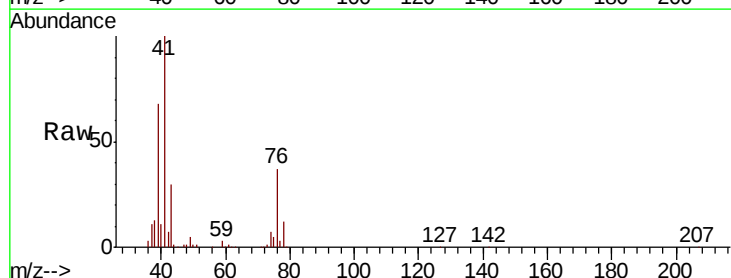
Tgt Ion: 41 Resp: 499401

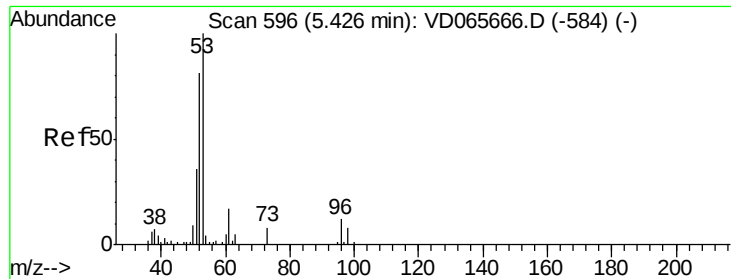
Ion Ratio Lower Upper

41 100

39 66.3 60.7 91.1

76 35.4 29.3 43.9

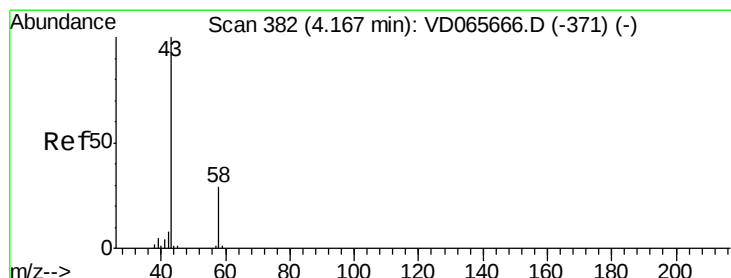
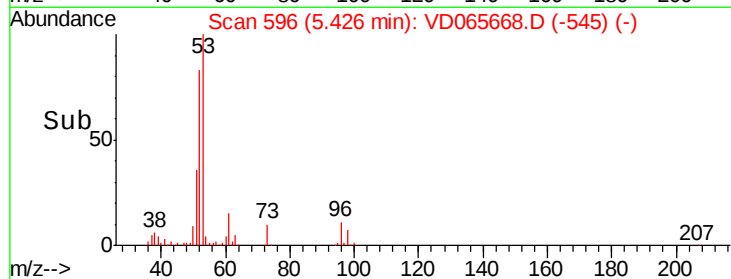
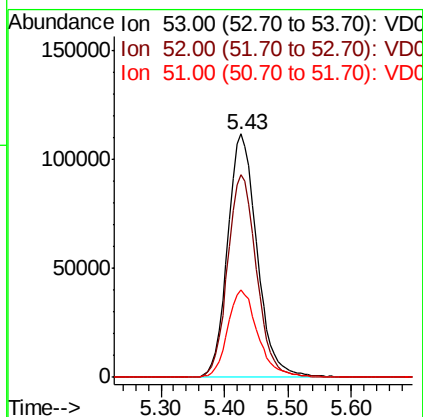
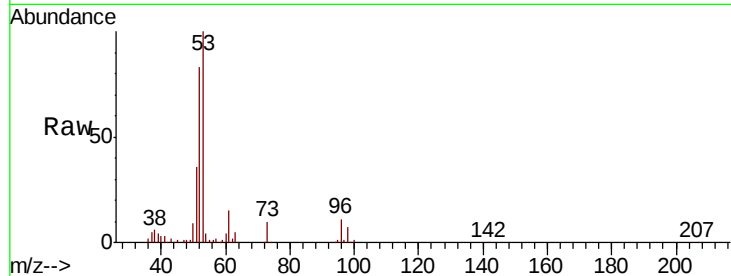




#15
 Acrylonitrile
 Concen: 845.616 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

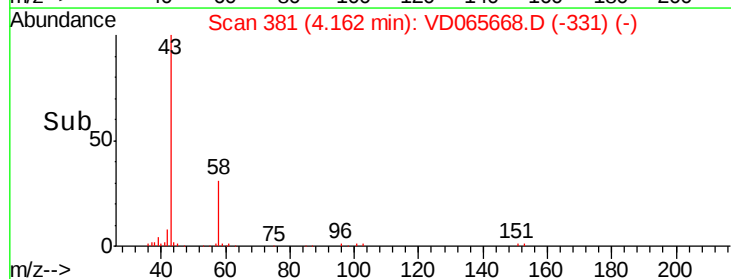
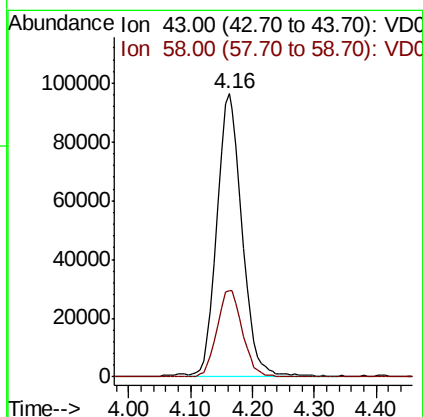
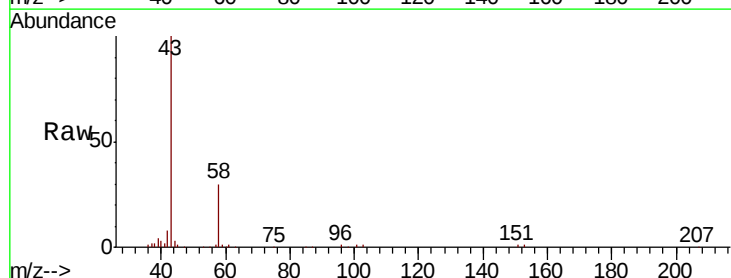
Instrument :
 MSVOA_D
 ClientSampled :

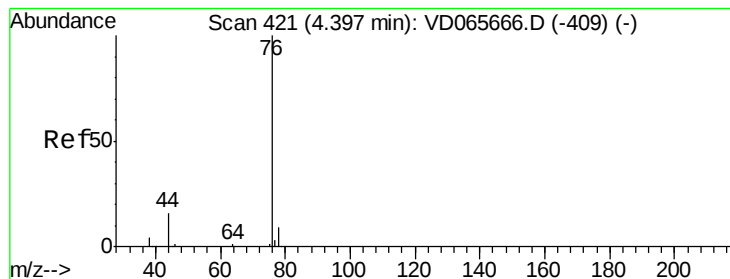
Tot Ion: 53 Resp: 358894
 Ion Ratio Lower Upper
 53 100
 52 82.1 64.2 96.2
 51 36.9 29.5 44.3



#16
 Acetone
 Concen: 945.583 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion: 43 Resp: 269156
 Ion Ratio Lower Upper
 43 100
 58 30.6 22.6 34.0





#17

Carbon Disulfide

Concen: 189.812 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

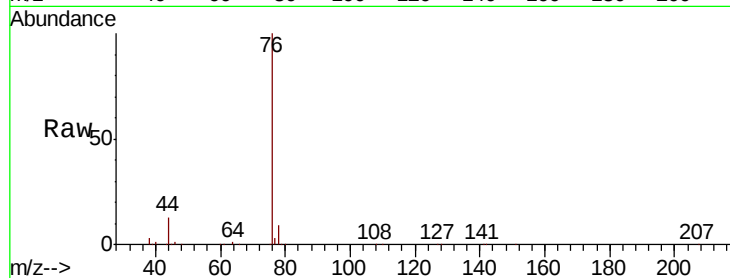
ClientSampleId :

Tot Ion: 76 Resp: 992375

Ion Ratio Lower Upper

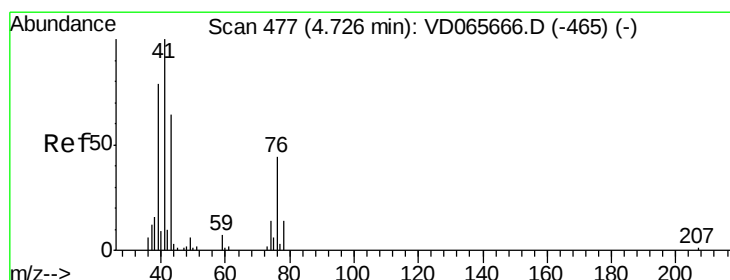
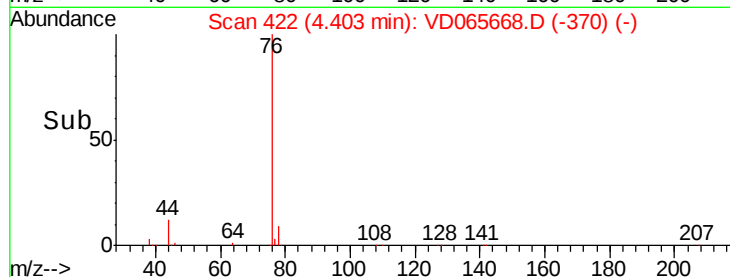
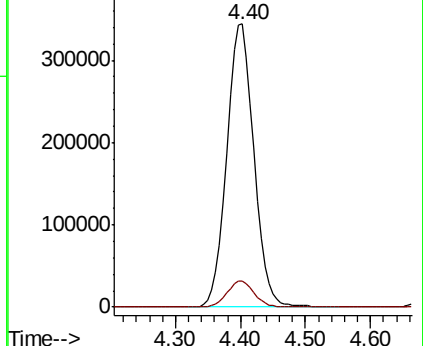
76 100

78 9.2 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: 189.404 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065668.D

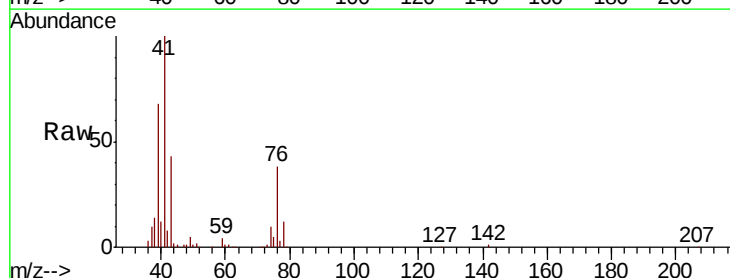
Acq: 22 Apr 2020 16:28

Tgt Ion: 43 Resp: 176823

Ion Ratio Lower Upper

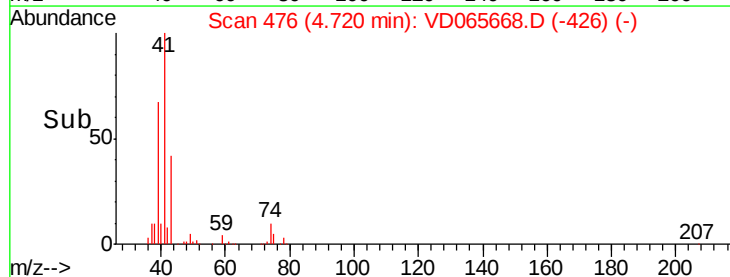
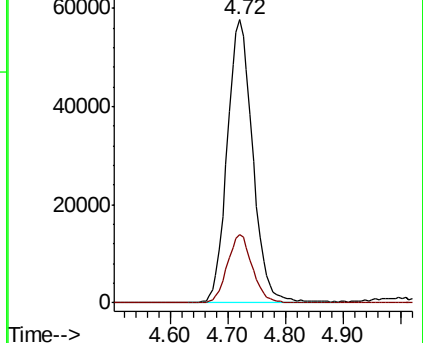
43 100

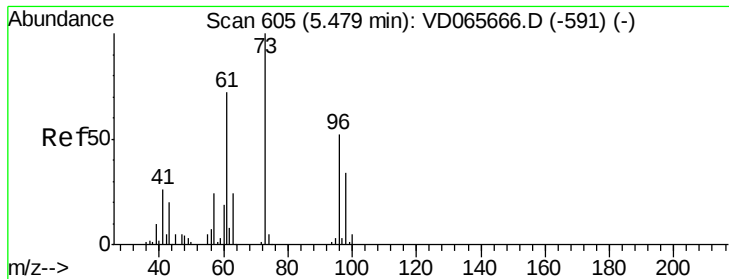
74 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



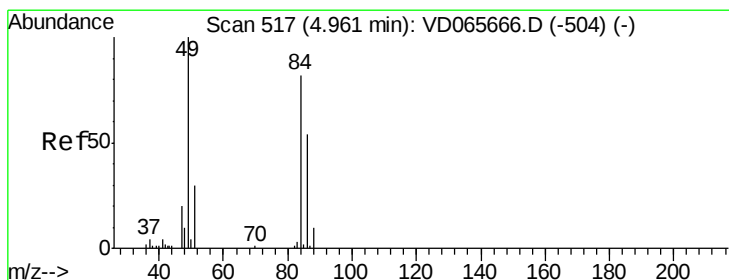
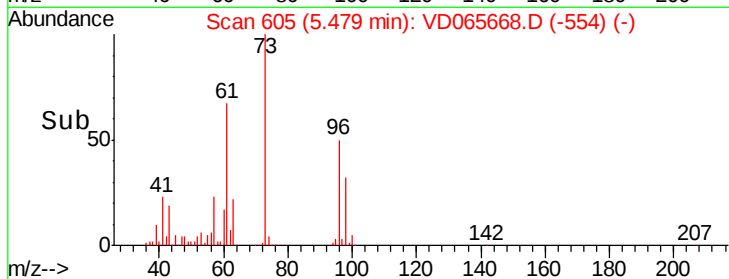
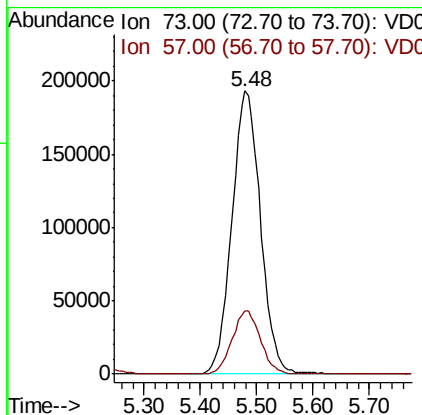
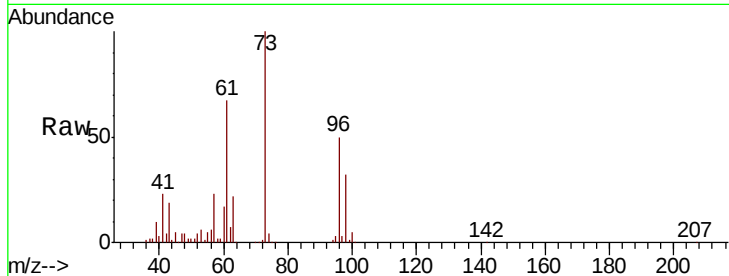


#19

Methyl tert-butyl Ether
 Concen: 173.413 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampled :

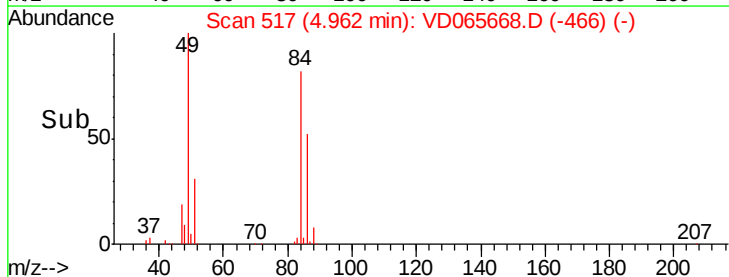
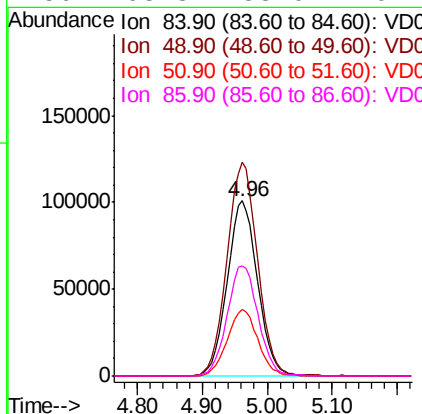
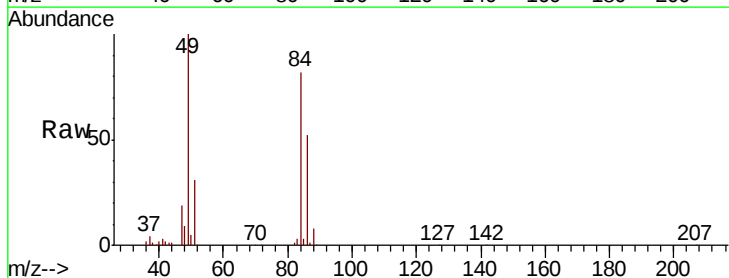
Tot Ion: 73 Resp: 682565
 Ion Ratio Lower Upper
 73 100
 57 22.6 19.6 29.4

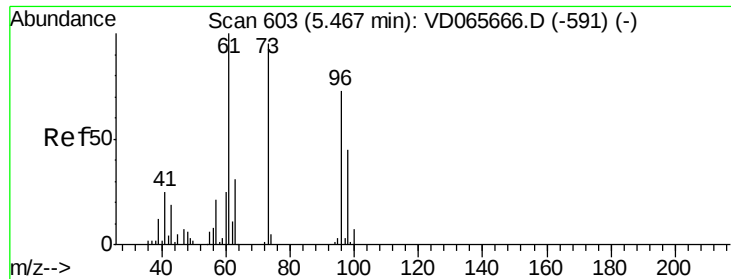


#20

Methylene Chloride
 Concen: 145.570 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion: 84 Resp: 326221
 Ion Ratio Lower Upper
 84 100
 49 122.2 97.7 146.5
 51 38.4 29.4 44.2
 86 63.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 152.268 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

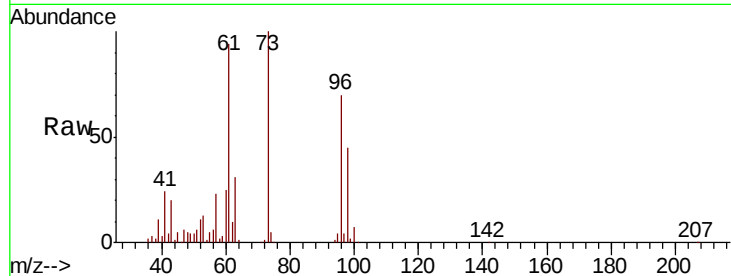
Tot Ion: 96 Resp: 345626

Ion Ratio Lower Upper

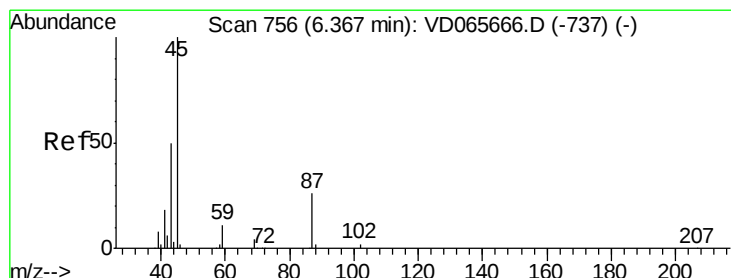
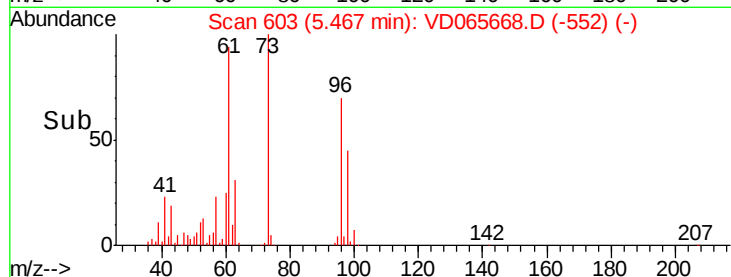
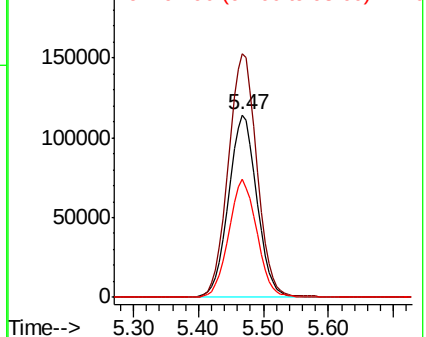
96 100

61 133.7 109.6 164.4

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: 161.343 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Tgt Ion: 45 Resp: 980950

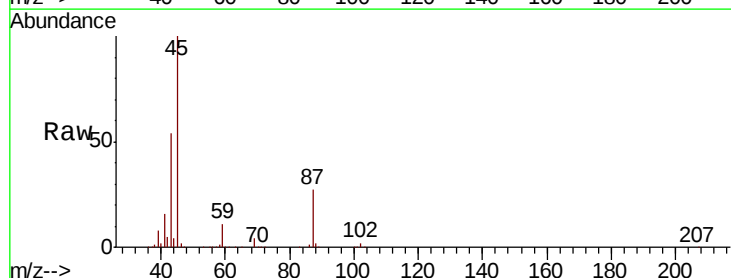
Ion Ratio Lower Upper

45 100

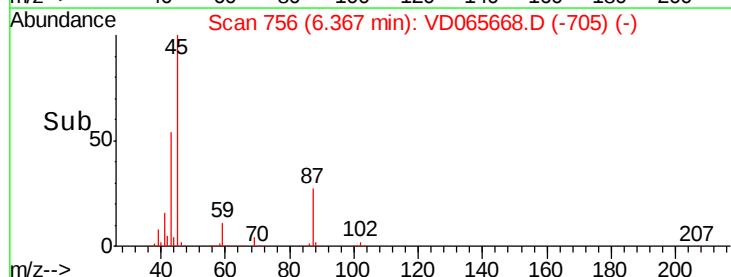
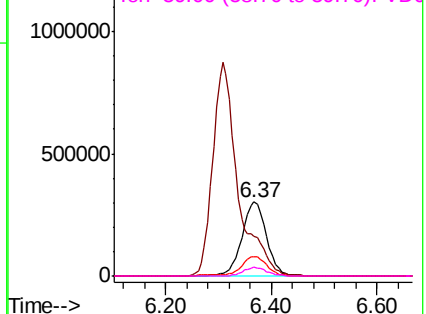
43 53.3 41.9 62.9

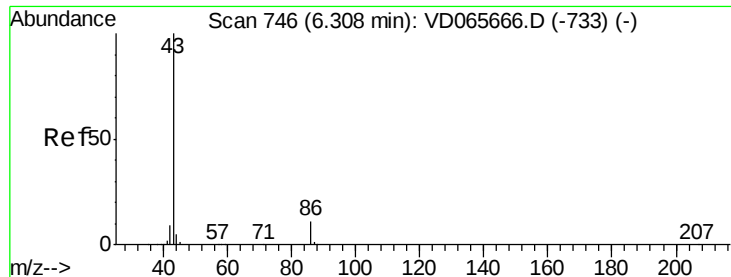
87 26.5 21.6 32.4

59 11.4 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: 893.735 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

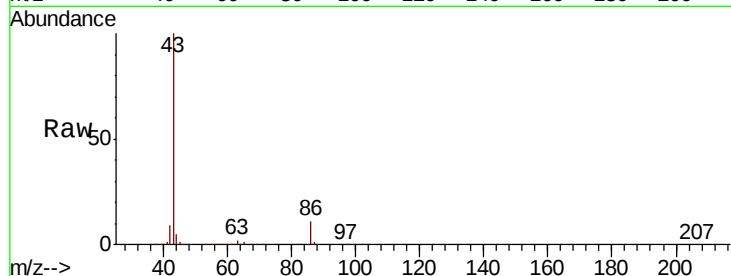
ClientSampleId :

Tot Ion: 43 Resp: 2895761

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

800000

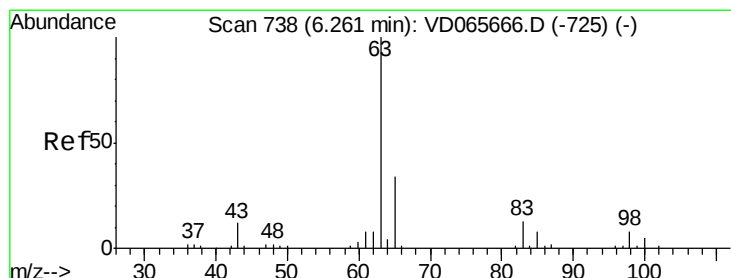
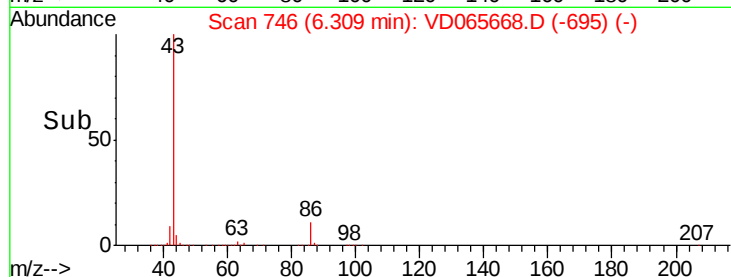
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 147.934 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

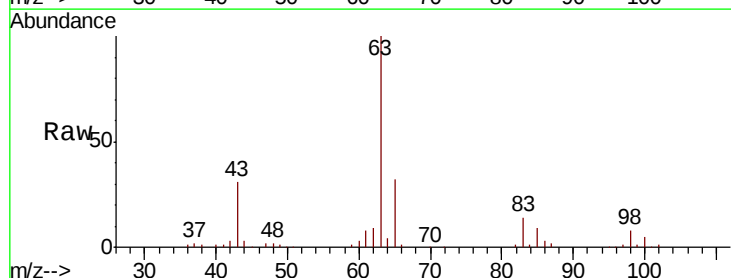
Tgt Ion: 63 Resp: 573300

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.8 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

200000

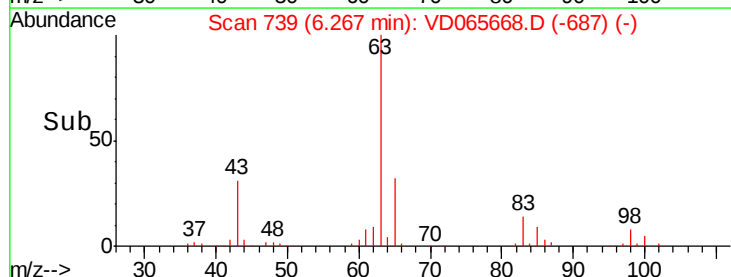
150000

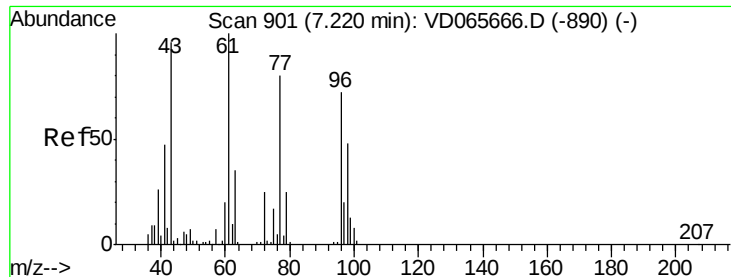
100000

50000

0

Time-->





#25

2-Butanone

Concen: 831.805 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

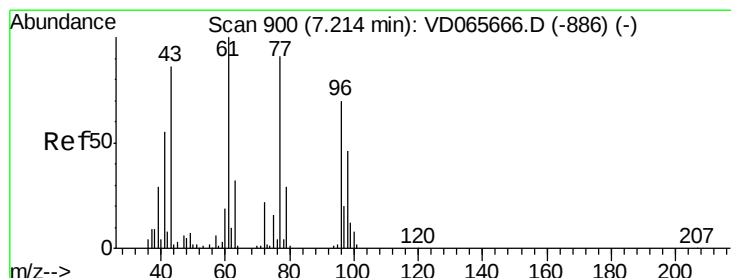
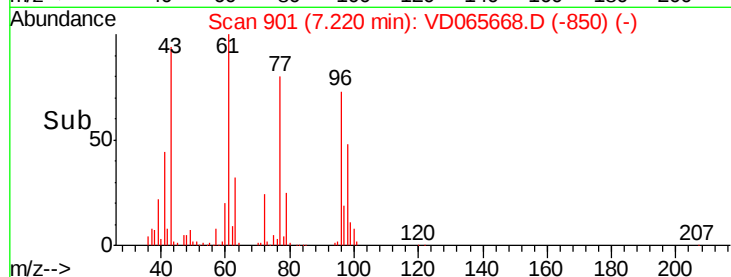
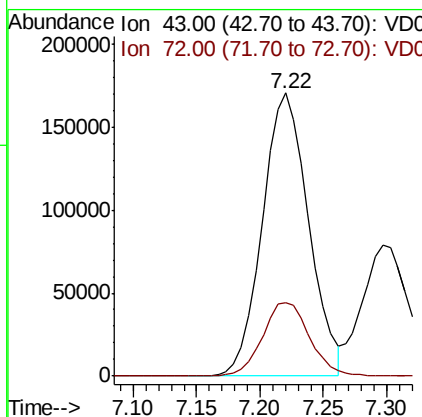
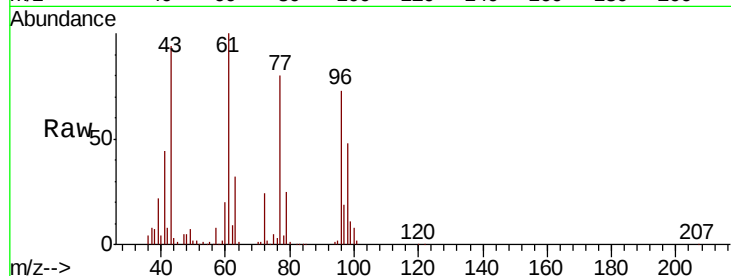
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 431734

Ion Ratio Lower Upper

43 100

72 26.0 21.1 31.7



#26

2,2-Dichloropropane

Concen: 143.693 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065668.D

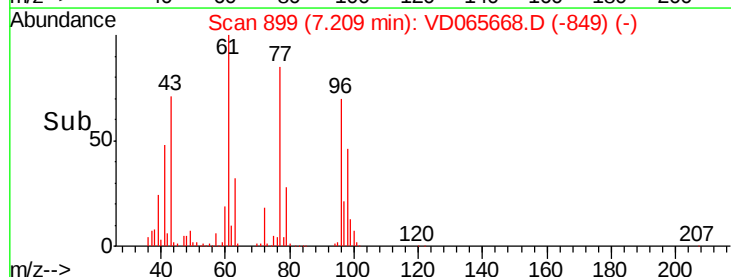
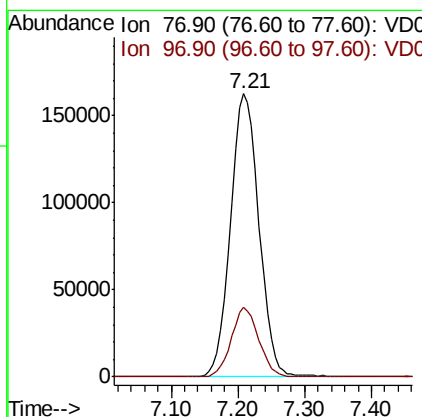
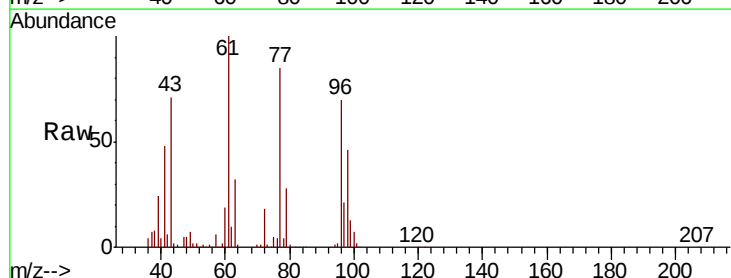
Acq: 22 Apr 2020 16:28

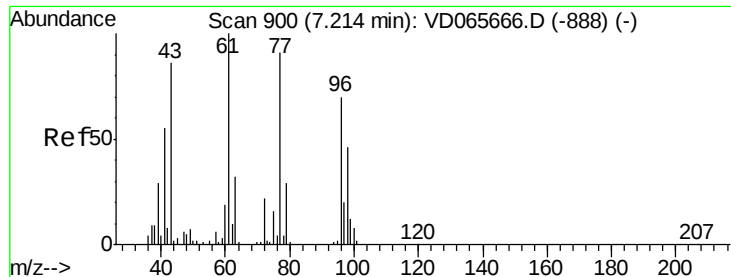
Tgt Ion: 77 Resp: 484917

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4



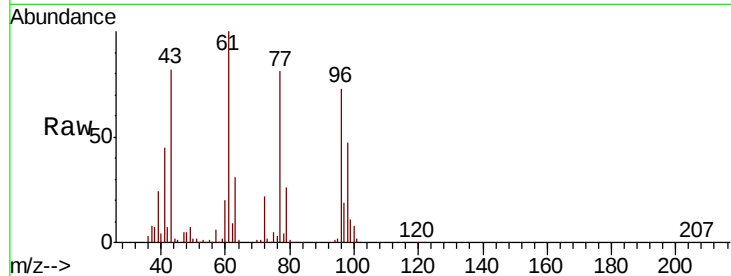


#27

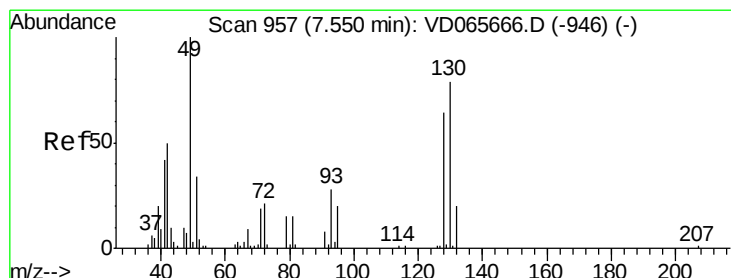
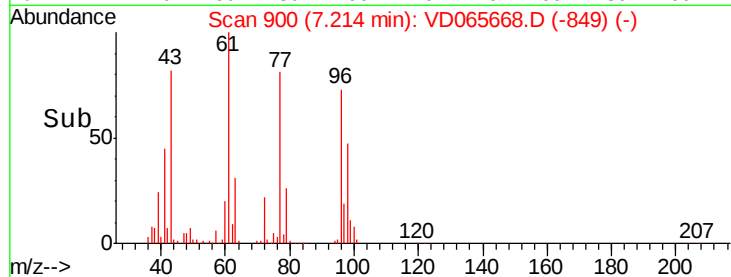
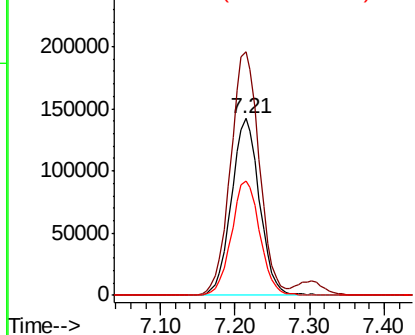
cis-1,2-Dichloroethene
 Concen: 157.541 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 96 Resp: 372211
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 290.4
 98 65.0 0.0 131.0



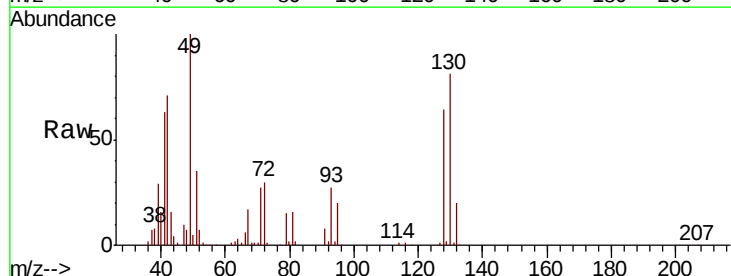
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



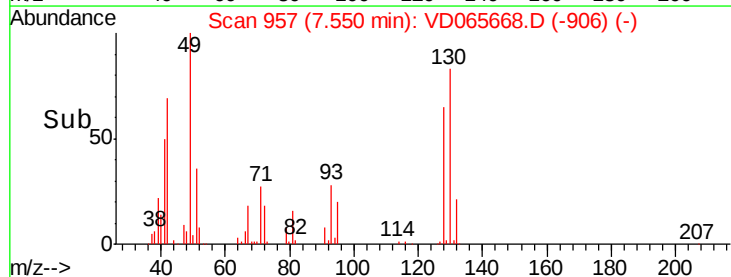
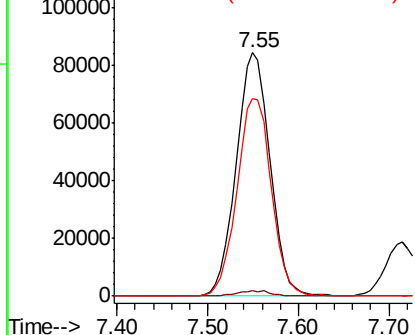
#28

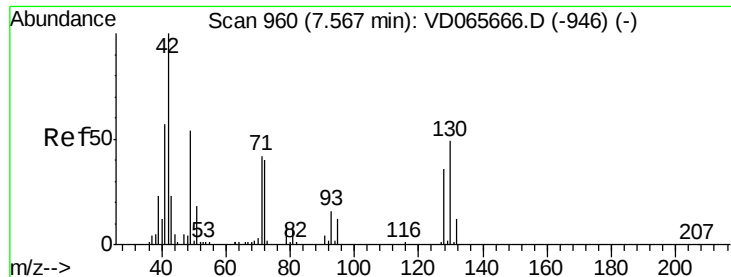
Bromochloromethane
 Concen: 138.216 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion: 49 Resp: 218676
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.0
 130 82.5 66.3 99.5



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

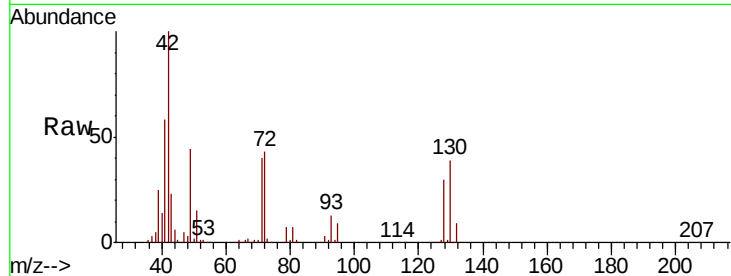




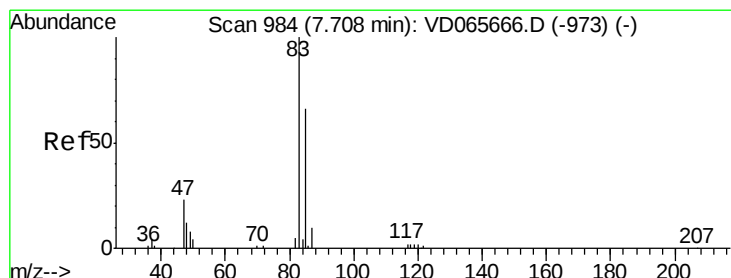
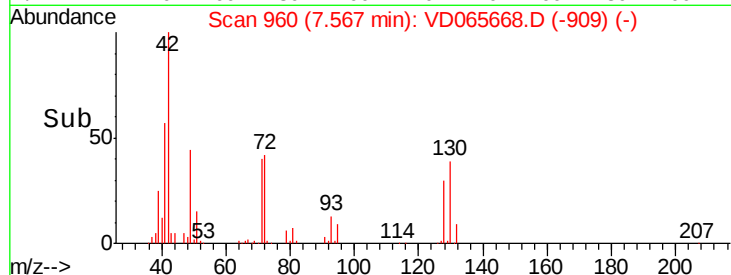
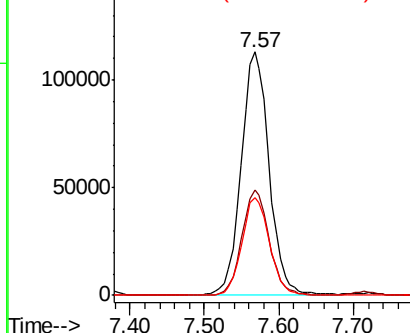
#29
Tetrahydrofuran
Concen: 892.260 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 293631
Ion Ratio Lower Upper
42 100
72 42.2 33.8 50.6
71 39.5 30.7 46.1

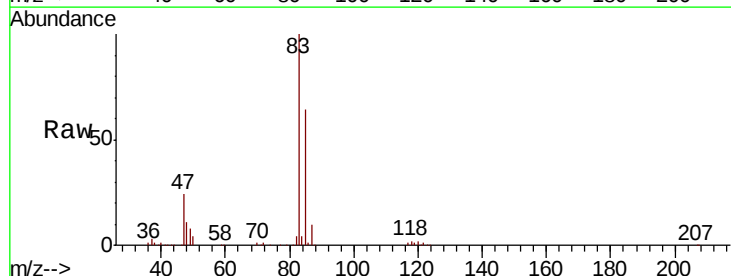


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

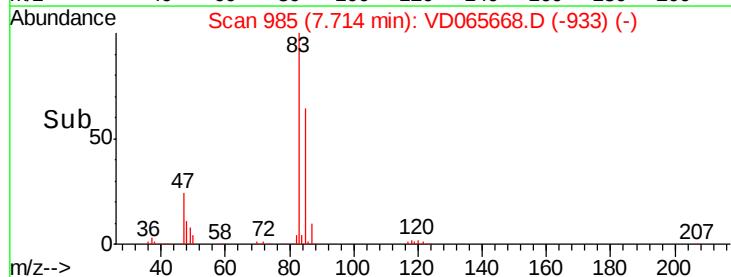
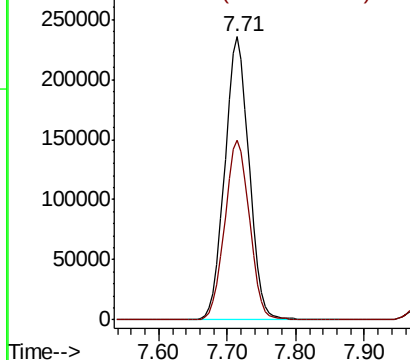


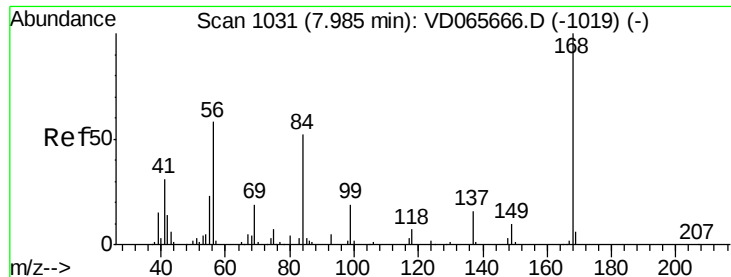
#30
Chloroform
Concen: 146.342 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 83 Resp: 577721
Ion Ratio Lower Upper
83 100
85 63.7 52.5 78.7



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

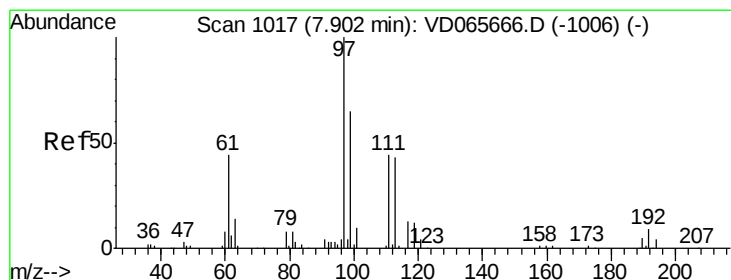
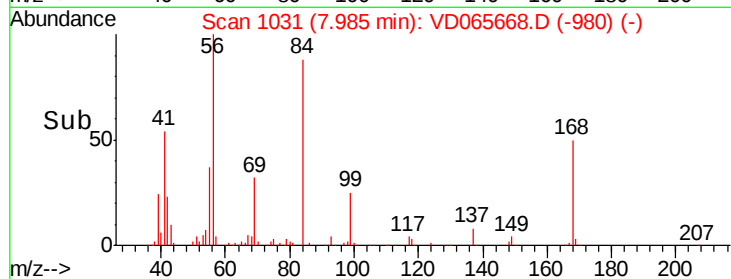
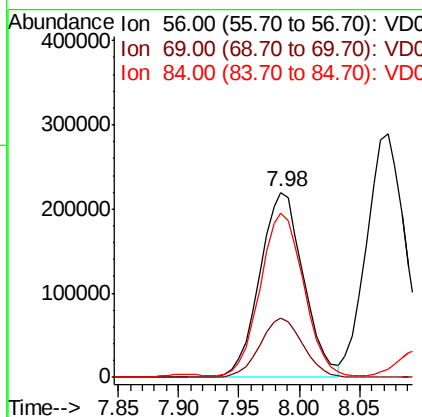
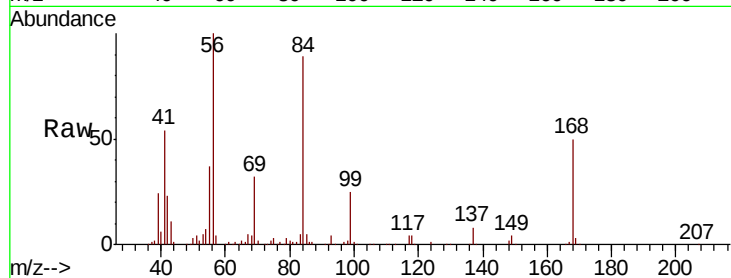




#31
Cyclohexane
Concen: 149.749 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

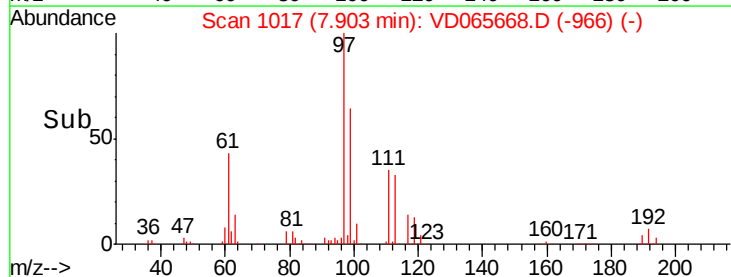
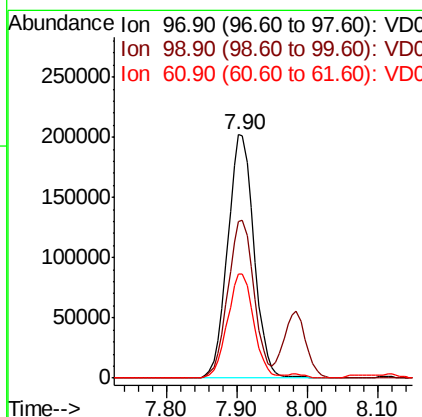
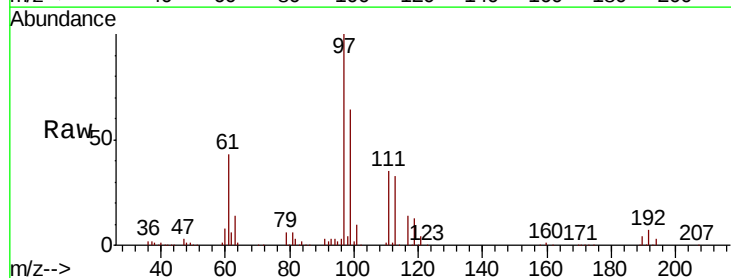
Instrument :
MSVOA_D
ClientSampleId :

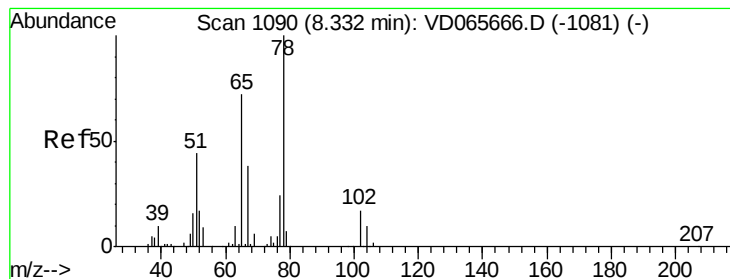
Tot Ion: 56 Resp: 552893
Ion Ratio Lower Upper
56 100
69 31.8 26.3 39.5
84 87.2 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 146.894 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 97 Resp: 523914
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 42.7 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 139.549 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

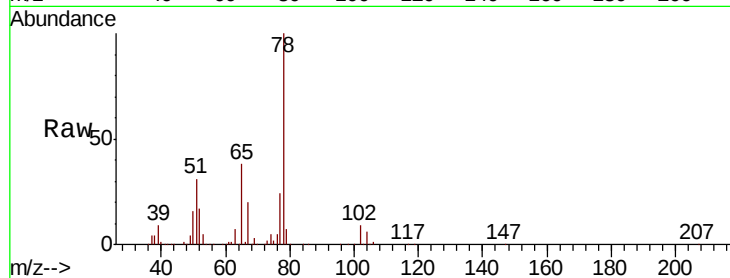
ClientSampleId :

Tot Ion: 65 Resp: 280034

Ion Ratio Lower Upper

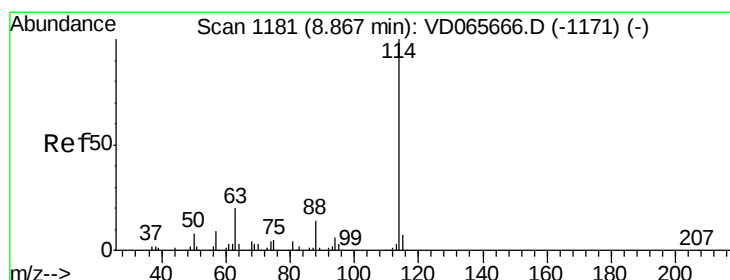
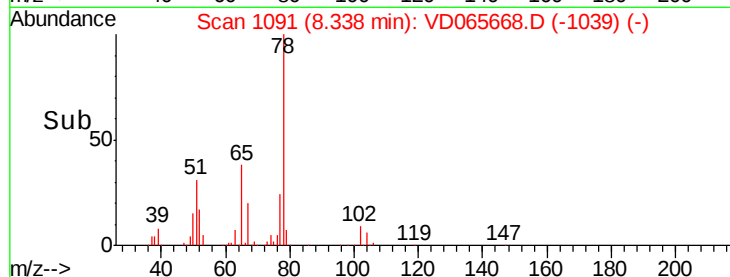
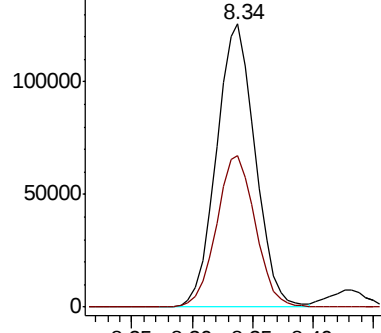
65 100

67 53.9 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: VD065668.D

Acq: 22 Apr 2020 16:28

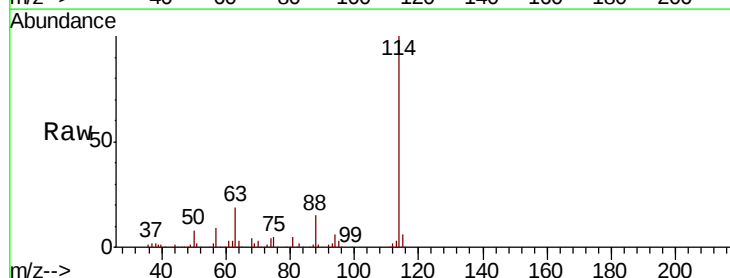
Tgt Ion: 114 Resp: 323655

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

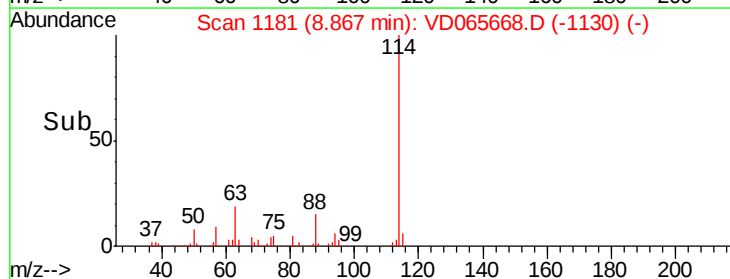
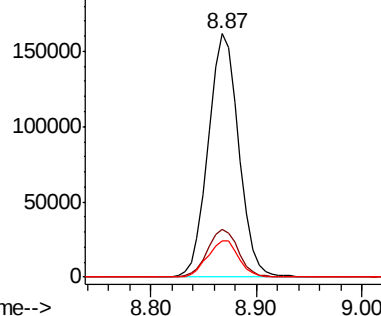
88 15.1 0.0 28.4

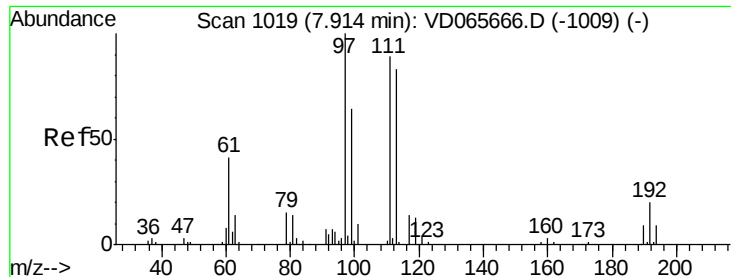


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

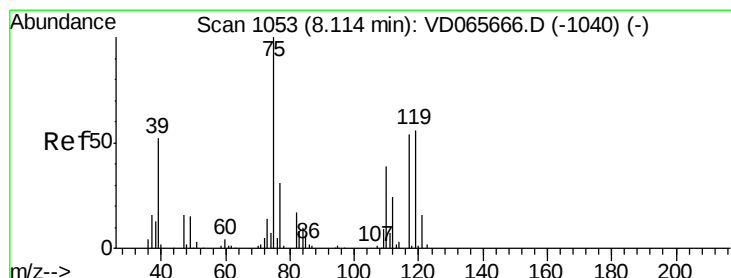
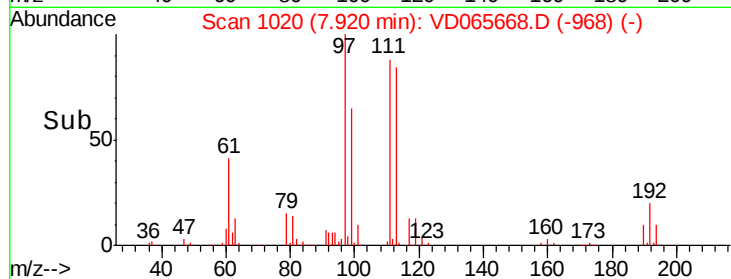
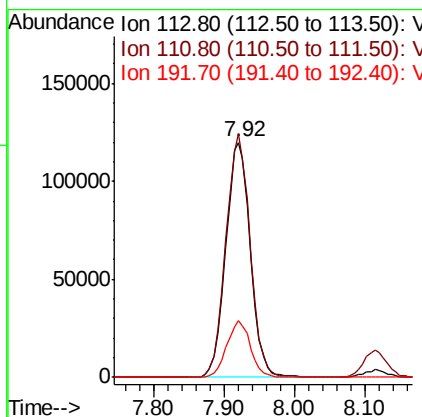
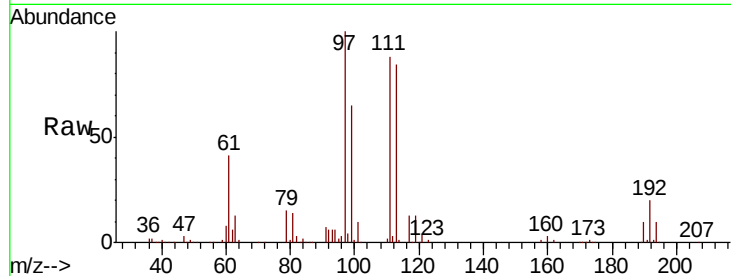




#35
 Dibromofluoromethane
 Concen: 142.800 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

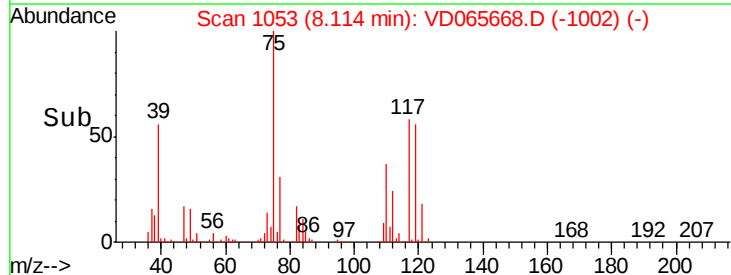
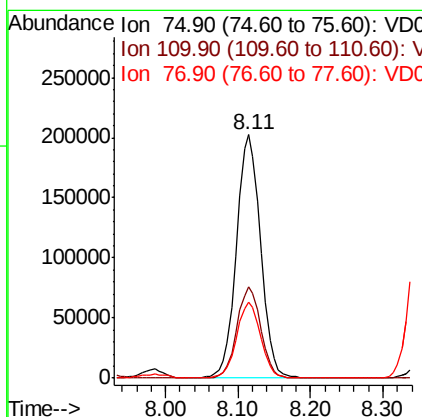
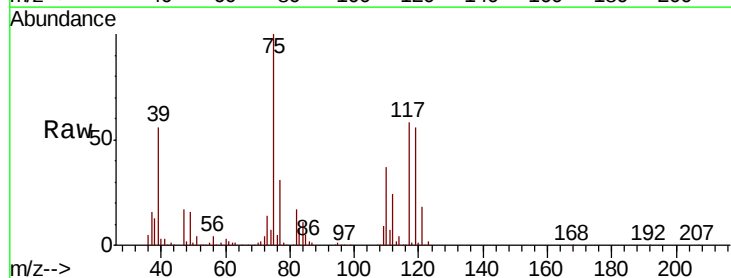
Instrument :
 MSVOA_D
 ClientSampleId :

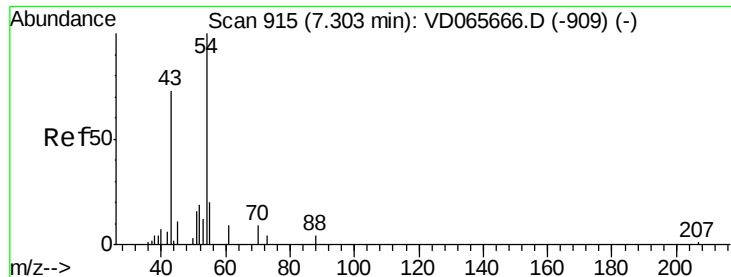
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.2	124.8
192	23.2	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 152.724 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.4	55.0
77	31.4	25.3	37.9

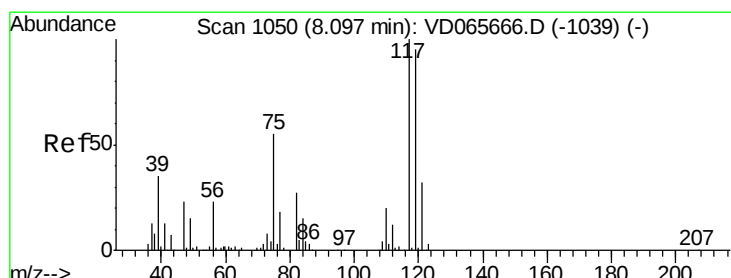
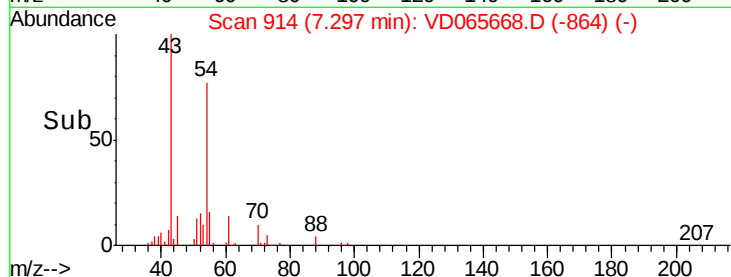
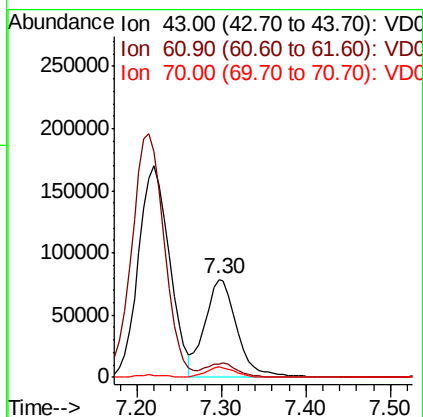
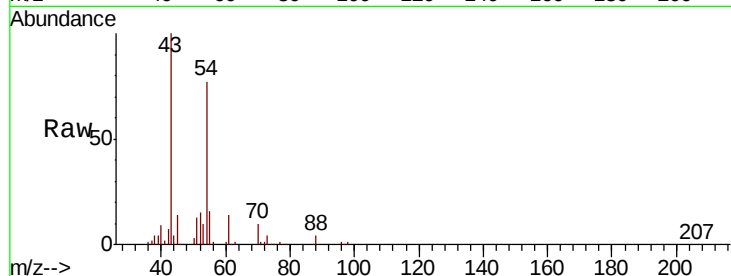




#37
Ethyl Acetate
Concen: 171.880 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

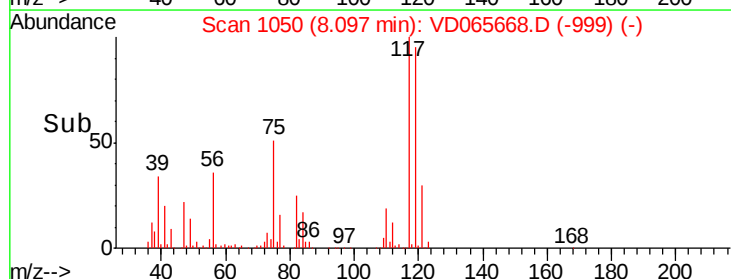
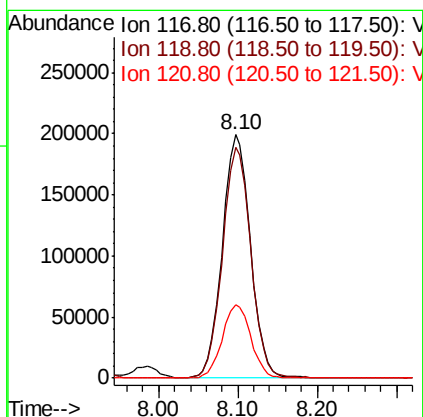
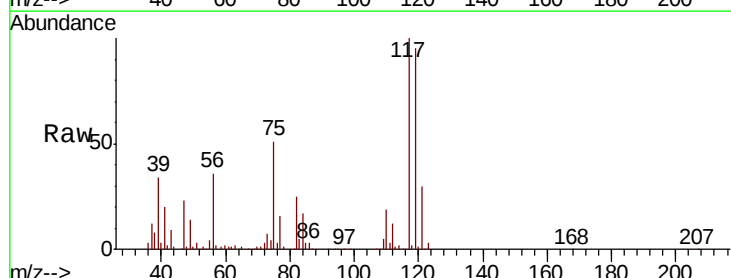
Instrument :
MSVOA_D
ClientSampled :

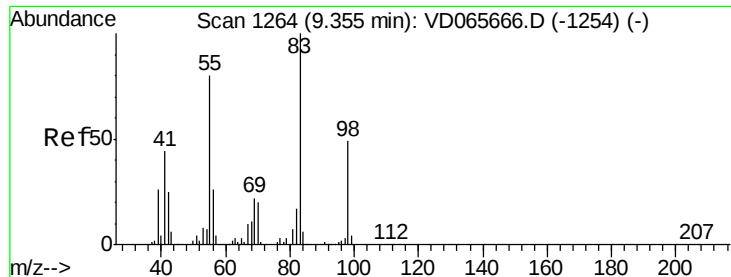
Tot Ion: 43 Resp: 207013
Ion Ratio Lower Upper
43 100
61 13.8 12.1 18.1
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 149.110 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 117 Resp: 487108
Ion Ratio Lower Upper
117 100
119 94.7 75.7 113.5
121 30.4 25.8 38.6

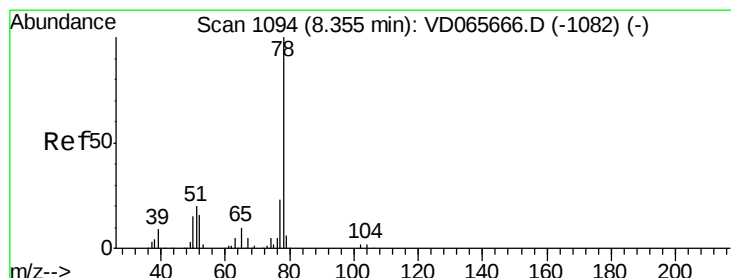
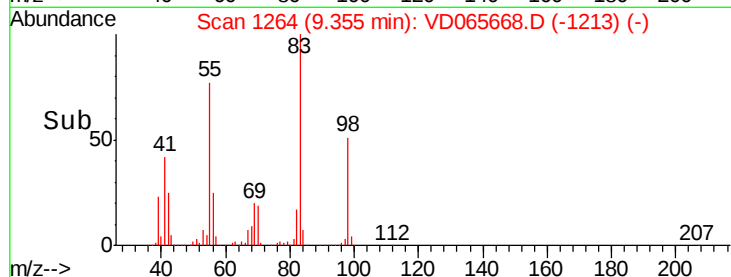
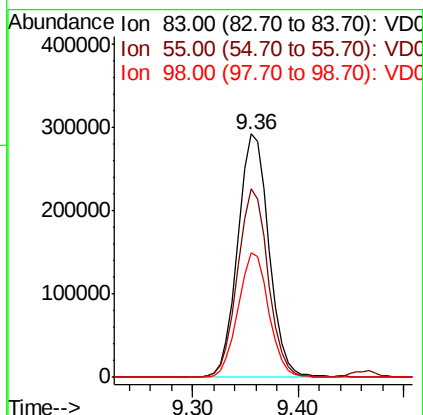
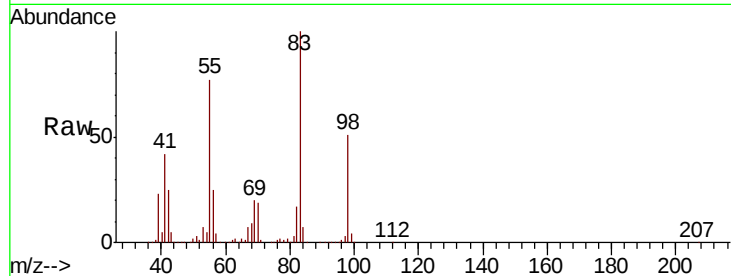




#39
Methvlcvclohexane
Concen: 168.987 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

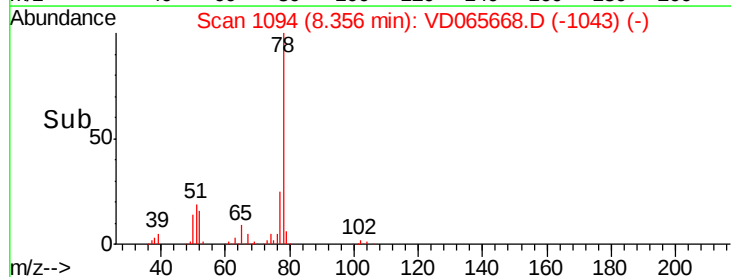
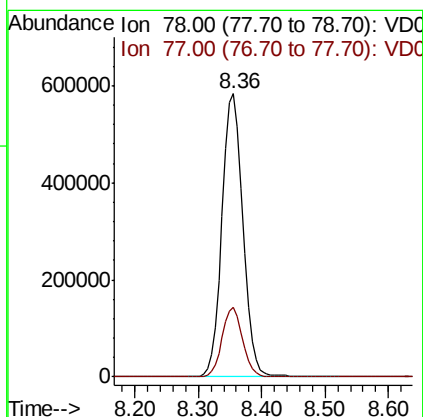
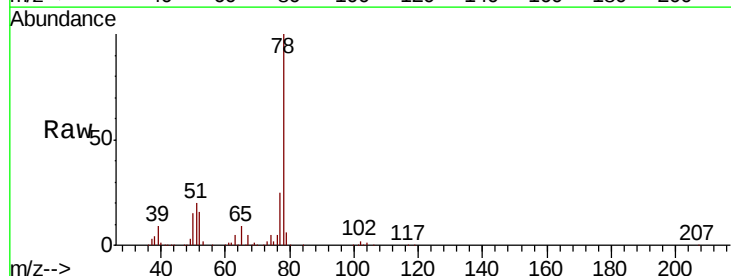
Instrument :
MSVOA_D
ClientSampled :

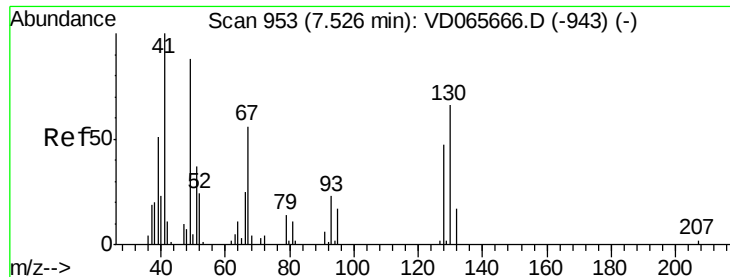
Tot Ion: 83 Resp: 597475
Ion Ratio Lower Upper
83 100
55 77.4 64.0 96.0
98 50.9 39.2 58.8



#40
Benzene
Concen: 152.665 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 78 Resp: 1338246
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1





#41

Methacrylonitrile

Concen: 191.591 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 41 Resp: 121671

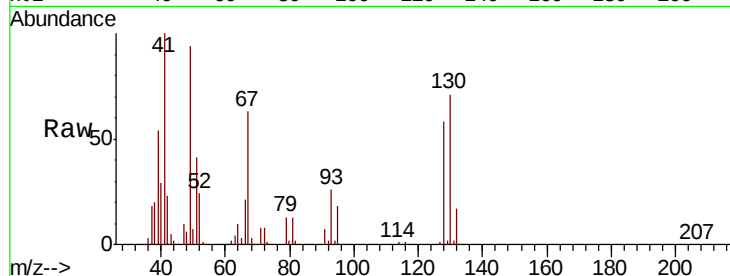
Ion Ratio Lower Upper

41 100

39 59.2 43.8 65.6

67 69.3 54.4 81.6

52 28.8 22.4 33.6

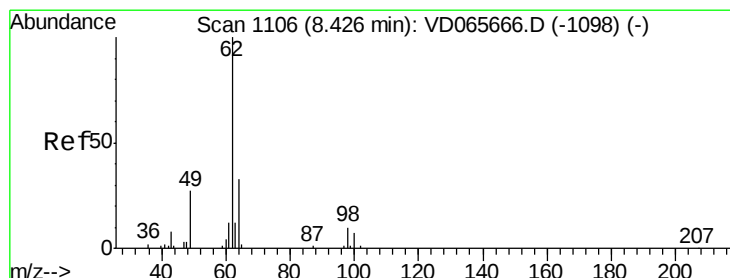
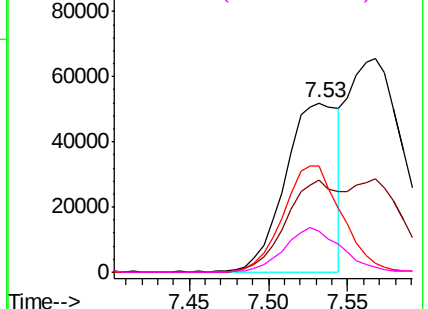
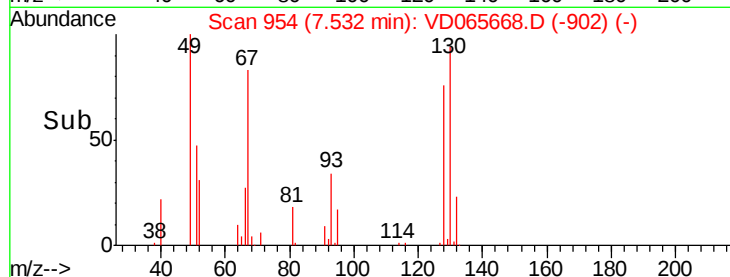


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 154.801 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD065668.D

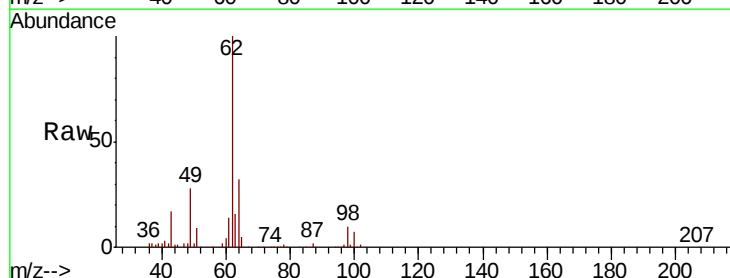
Acq: 22 Apr 2020 16:28

Tgt Ion: 62 Resp: 370387

Ion Ratio Lower Upper

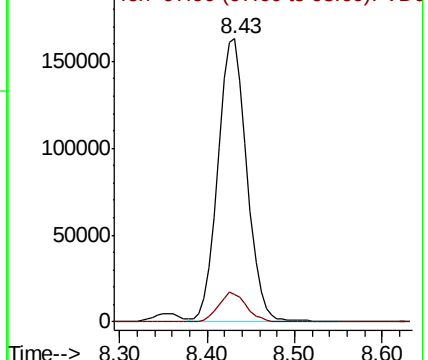
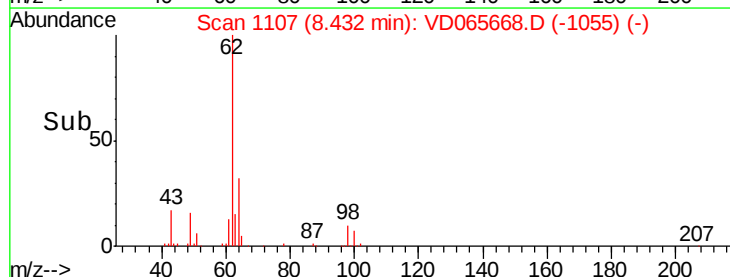
62 100

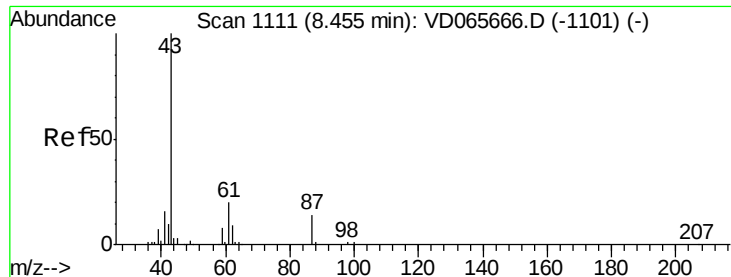
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 173.992 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

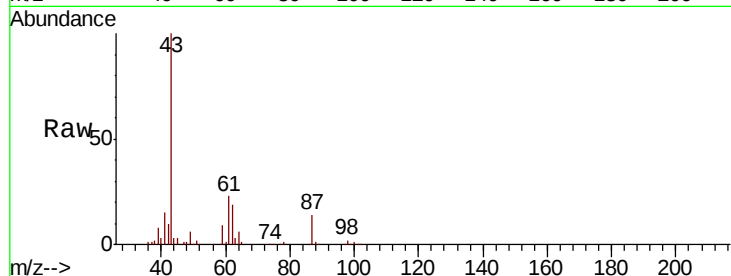
Tot Ion: 43 Resp: 379045

Ion Ratio Lower Upper

43 100

61 31.4 24.7 37.1

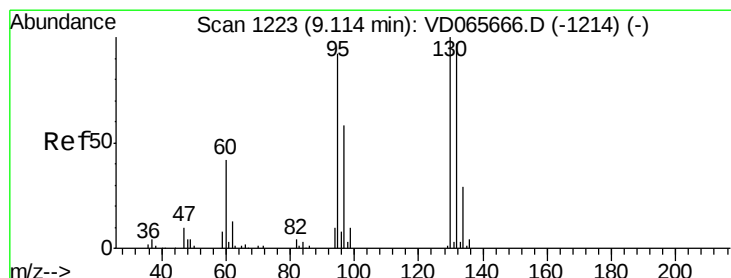
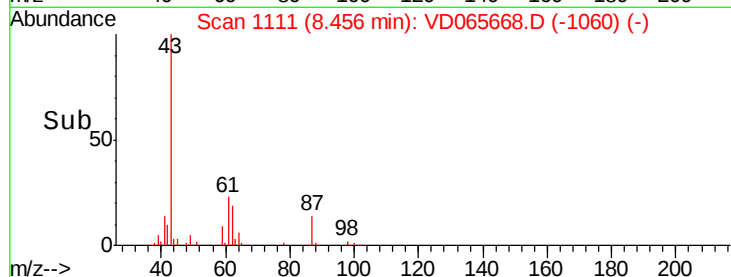
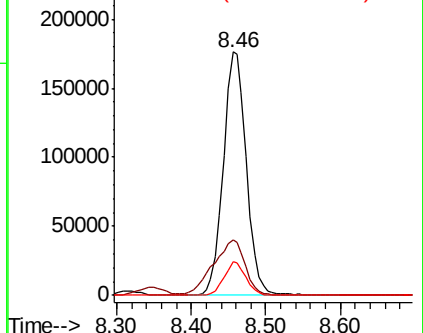
87 13.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 152.743 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065668.D

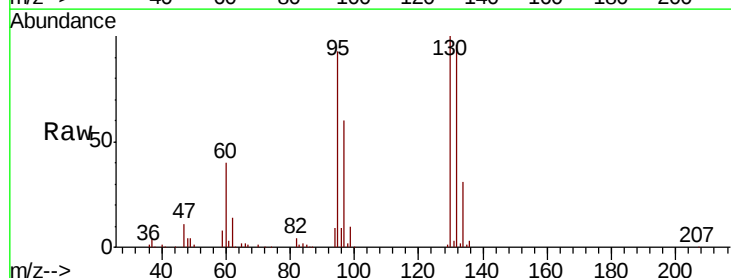
Acq: 22 Apr 2020 16:28

Tgt Ion: 130 Resp: 375122

Ion Ratio Lower Upper

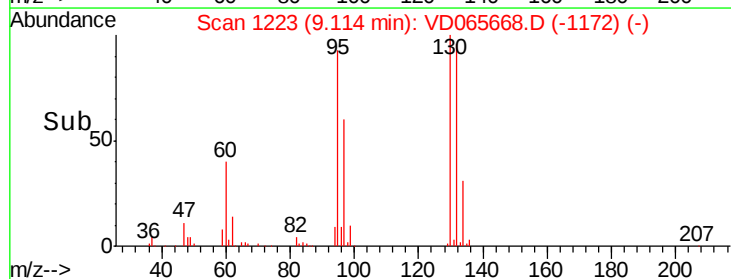
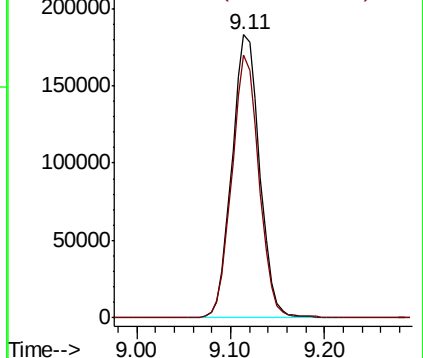
130 100

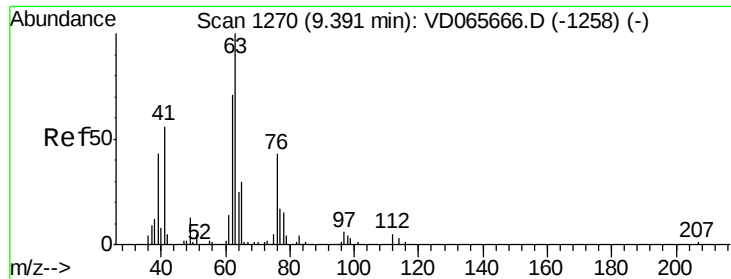
95 93.0 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 152.338 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

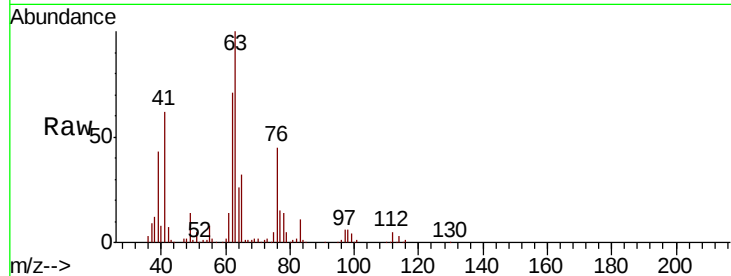
ClientSampleId :

Tot Ion: 63 Resp: 326434

Ion Ratio Lower Upper

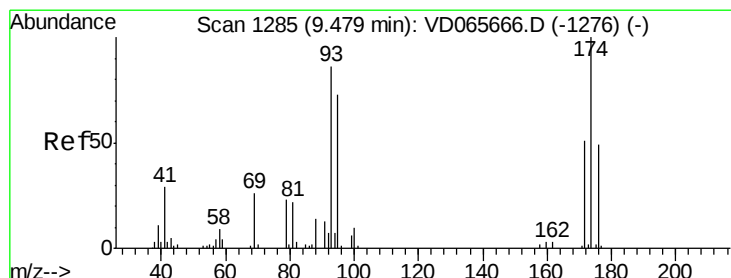
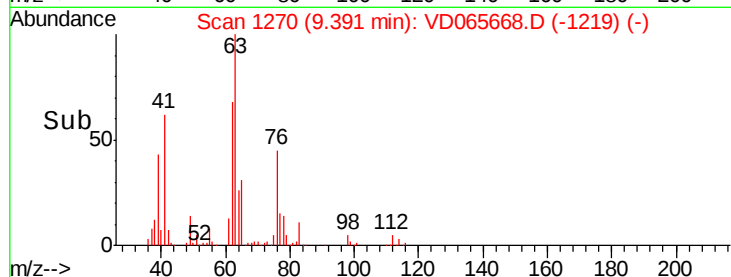
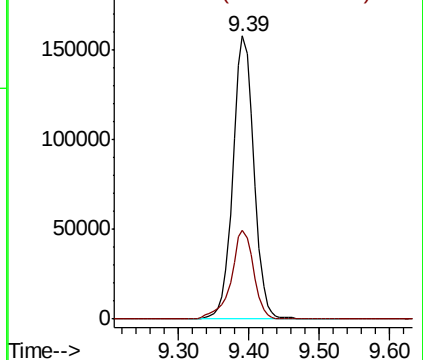
63 100

65 31.5 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 158.375 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

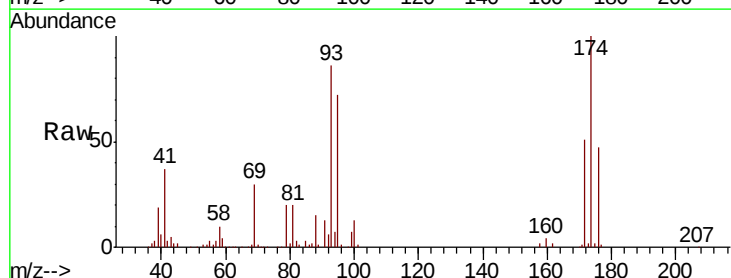
Tgt Ion: 93 Resp: 175579

Ion Ratio Lower Upper

93 100

95 82.8 66.4 99.6

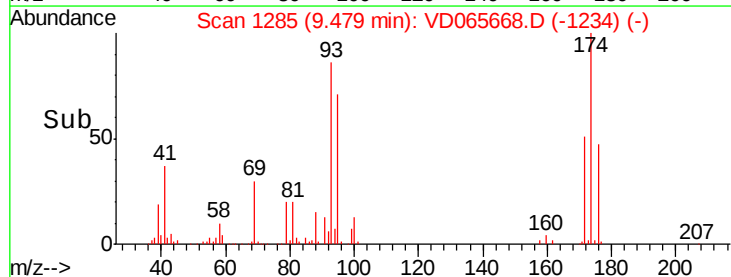
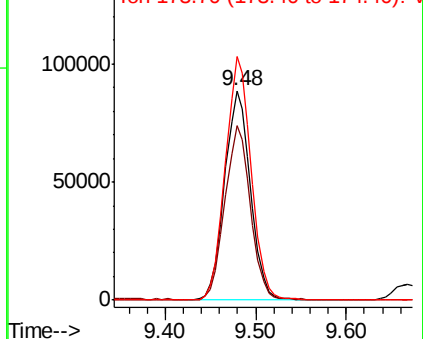
174 116.1 93.0 139.6

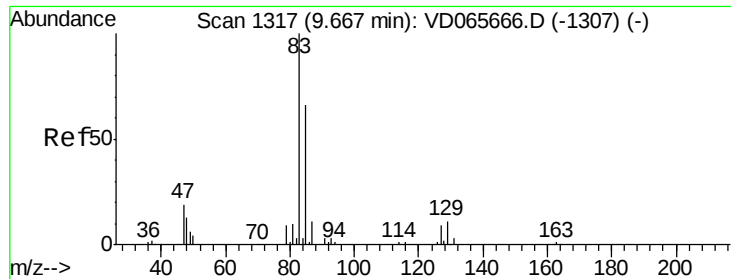


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

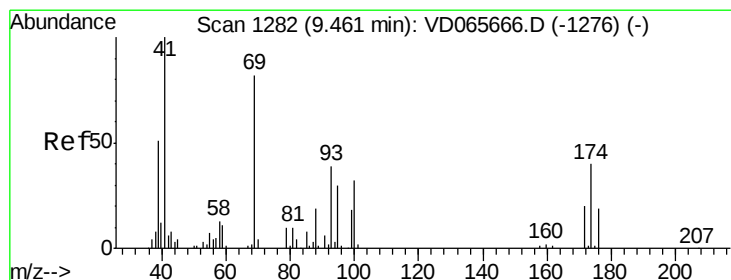
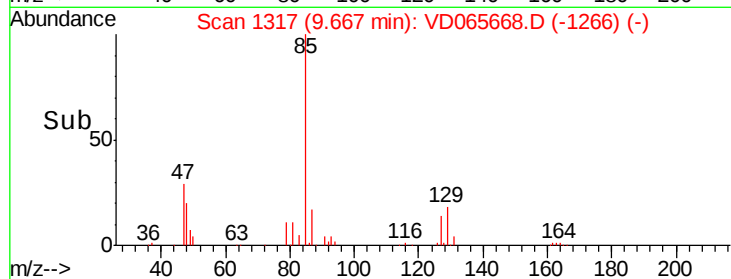
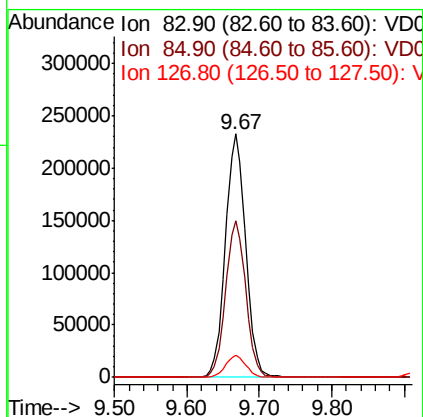
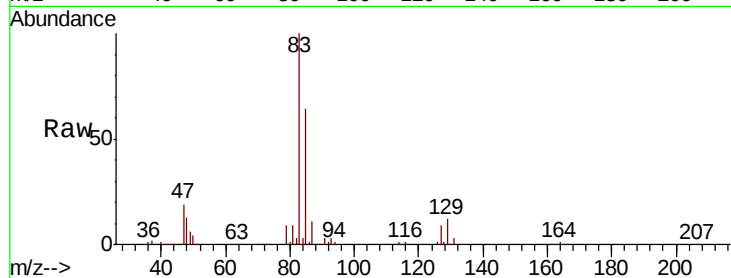




#47
Bromodichloromethane
Concen: 153.663 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

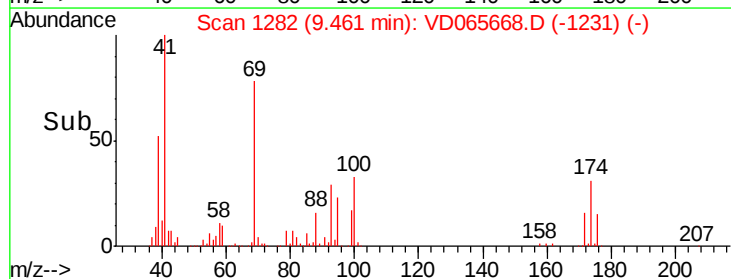
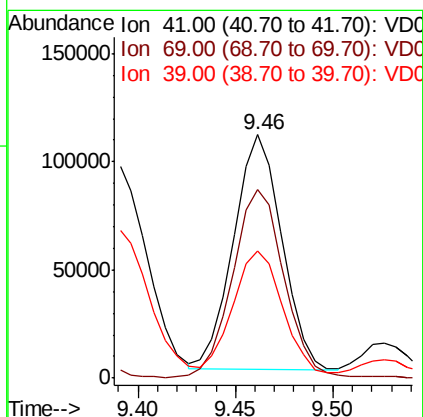
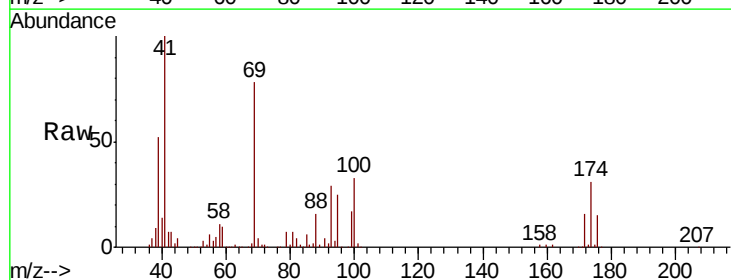
Instrument :
MSVOA_D
ClientSampleId :

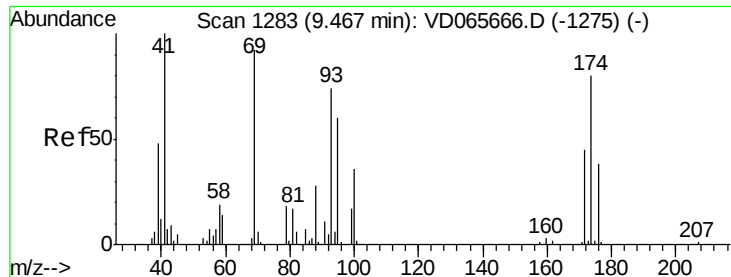
Tot Ion: 83 Resp: 452405
Ion Ratio Lower Upper
83 100
85 64.2 53.2 79.8
127 9.0 7.3 10.9



#48
Methyl methacrylate
Concen: 179.160 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 41 Resp: 186536
Ion Ratio Lower Upper
41 100
69 86.1 69.5 104.3
39 52.6 41.6 62.4





#49

1,4-Dioxane

Concen: 3633.579 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :

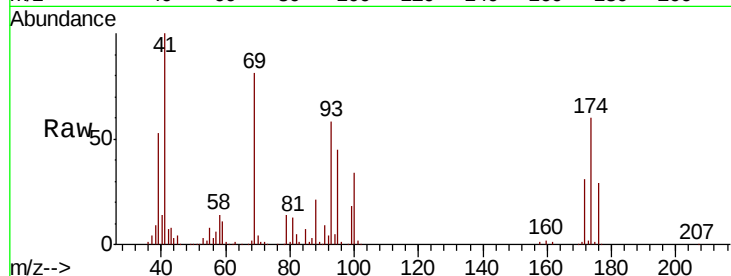
Tot Ion: 88 Resp: 44439

Ion Ratio Lower Upper

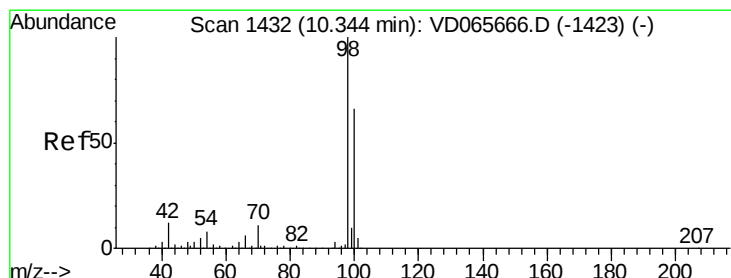
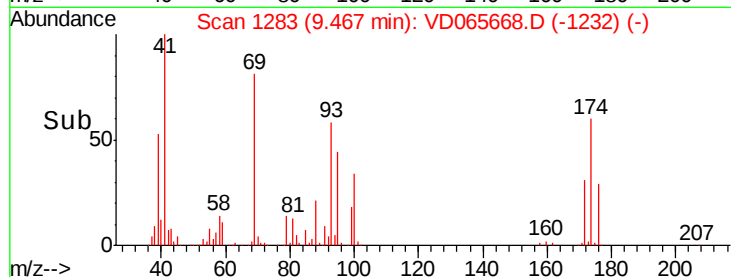
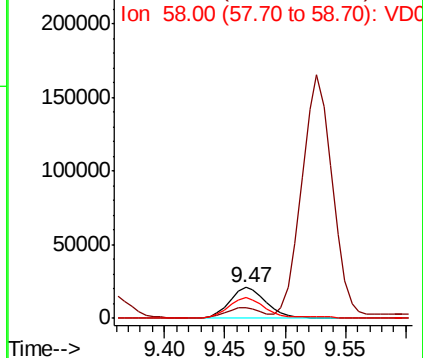
88 100

43 34.1 31.3 46.9

58 67.2 58.0 87.0



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 145.587 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065668.D

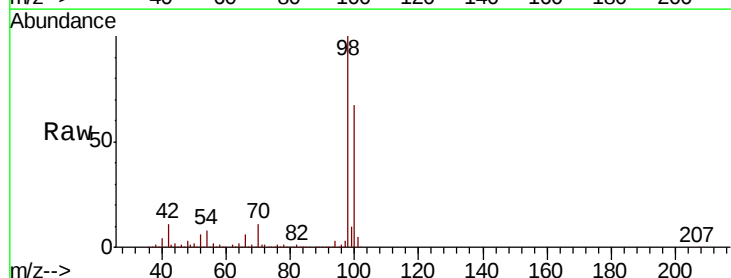
Acq: 22 Apr 2020 16:28

Tgt Ion: 98 Resp: 1086473

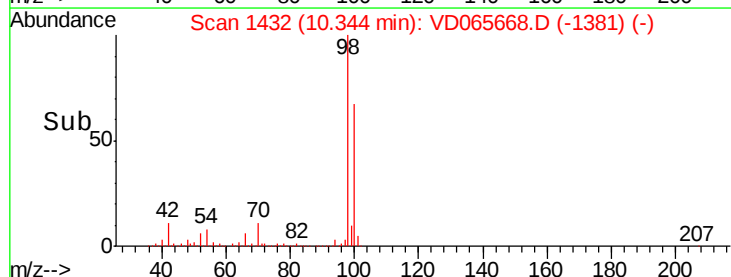
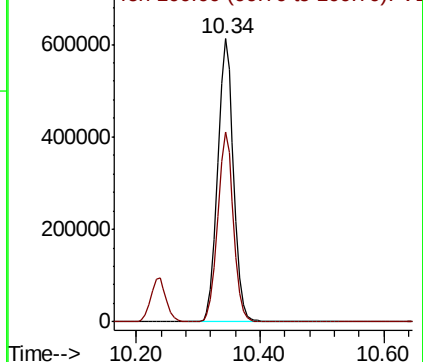
Ion Ratio Lower Upper

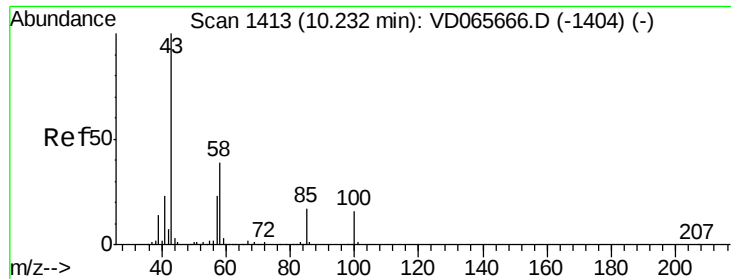
98 100

100 66.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

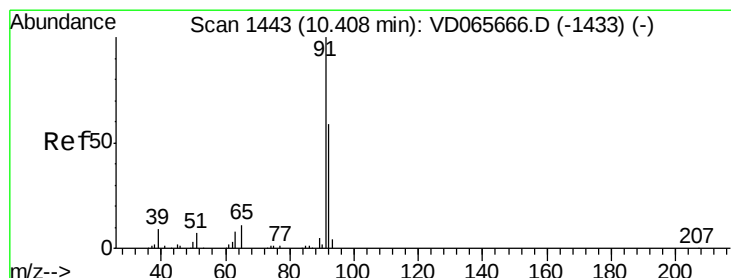
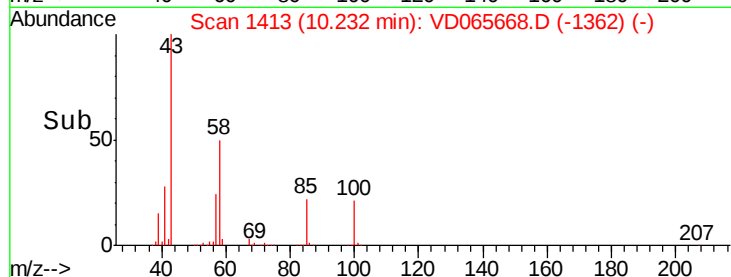
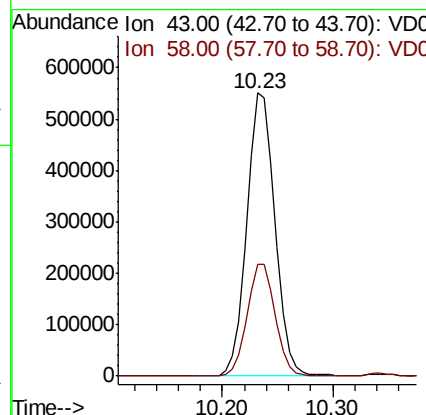
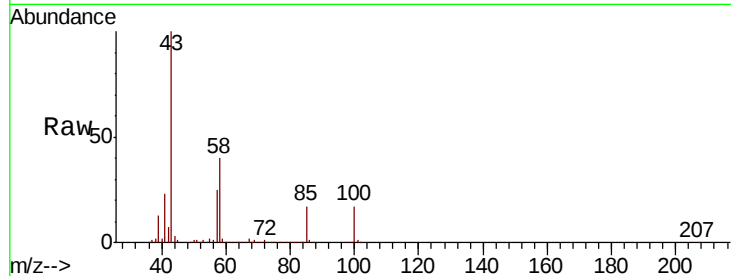




#51
 4-Methyl-2-Pentanone
 Concen: 896.743 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

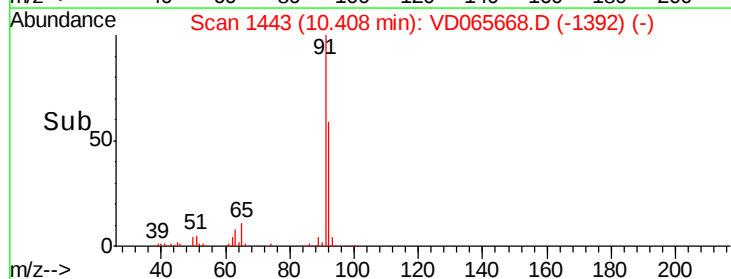
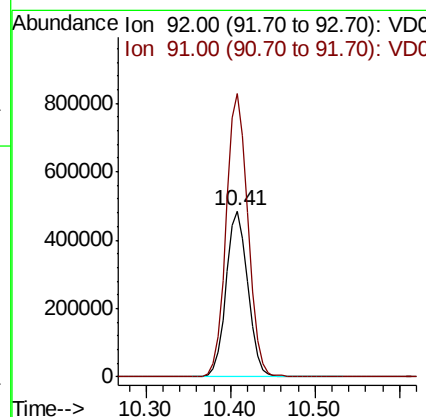
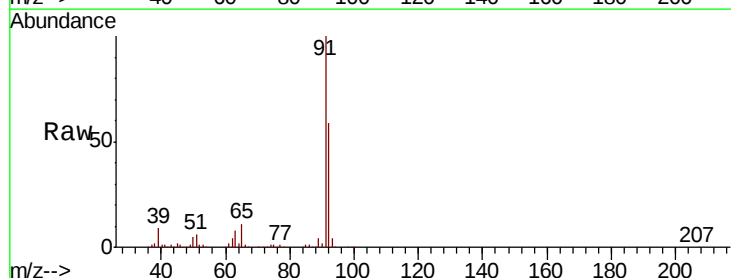
Instrument :
 MSVOA_D
 ClientSampleId :

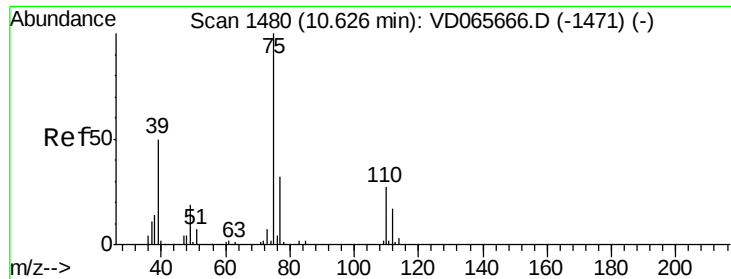
Tot Ion: 43 Resp: 989560
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.1 46.7



#52
 Toluene
 Concen: 159.760 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion: 92 Resp: 864326
 Ion Ratio Lower Upper
 92 100
 91 170.7 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 168.718 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

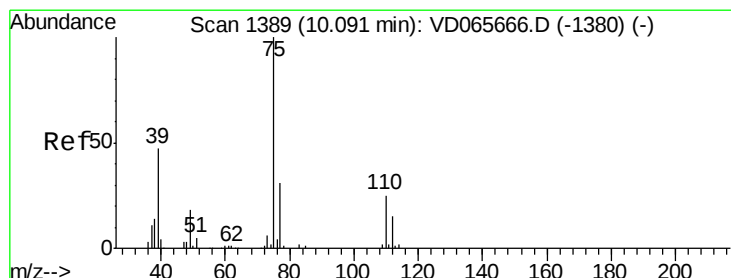
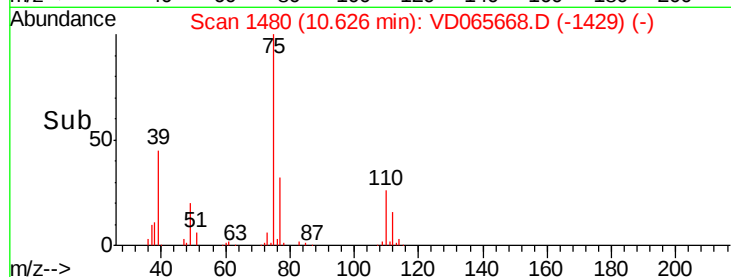
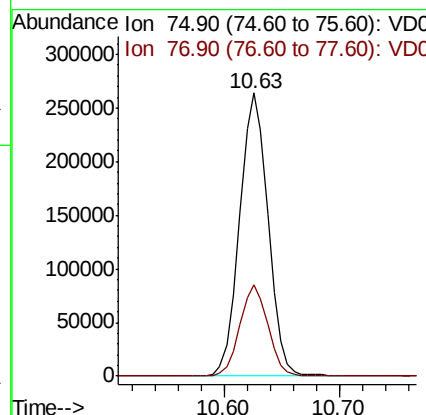
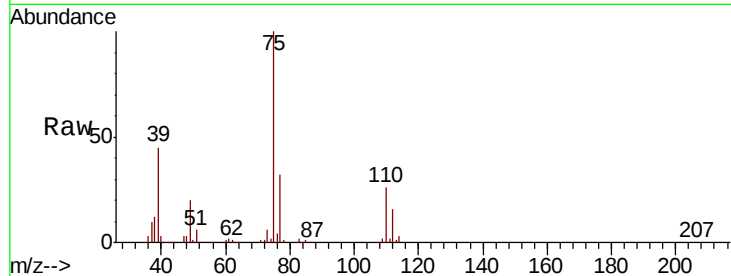
ClientSampleId :

Tot Ion: 75 Resp: 450821

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 162.799 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

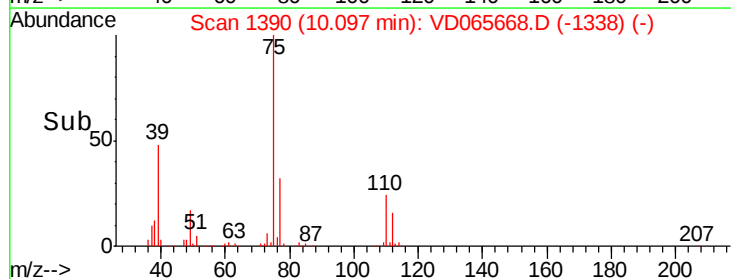
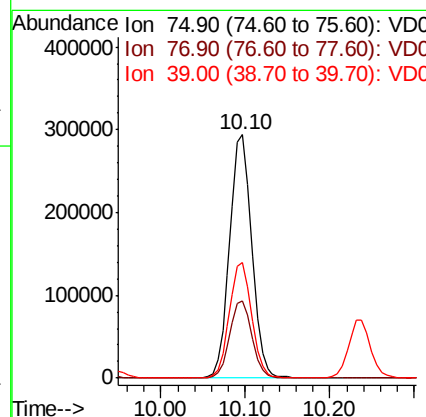
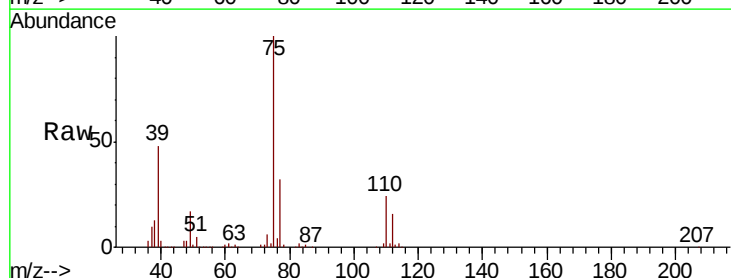
Tgt Ion: 75 Resp: 532031

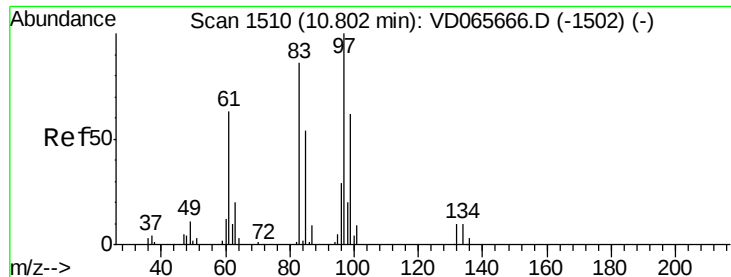
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 47.7 37.9 56.9

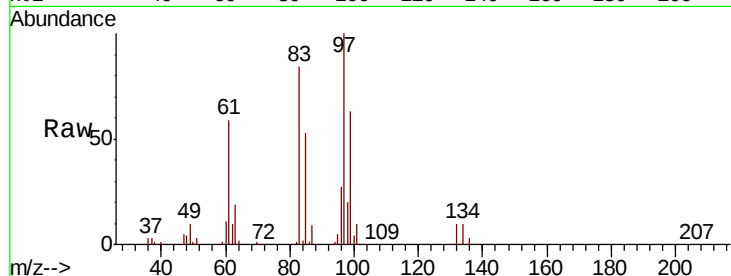




#55
 1,1,2-Trichloroethane
 Concen: 159.384 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	97	Resp	247264
Ion Ratio	Lower	Upper	
97	100		
83	83.7	68.5	102.7
85	53.1	43.0	64.6
99	63.1	49.8	74.8



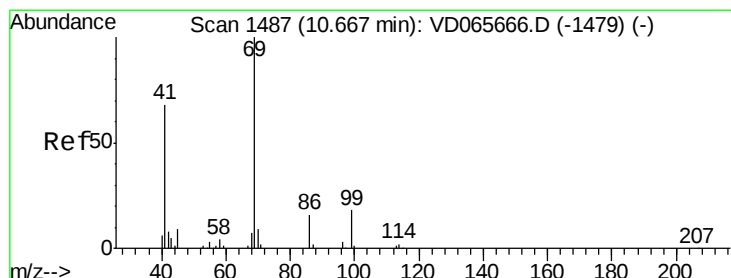
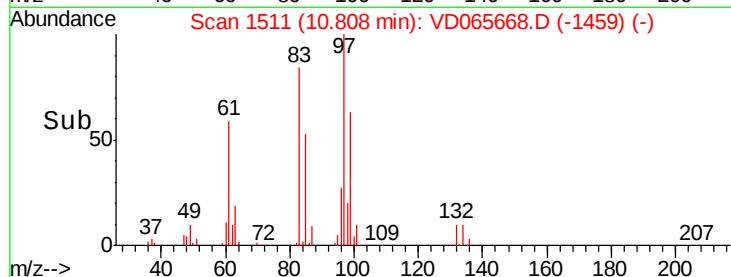
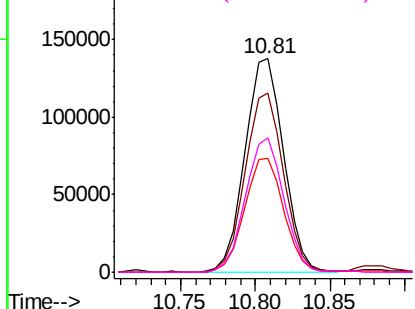
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

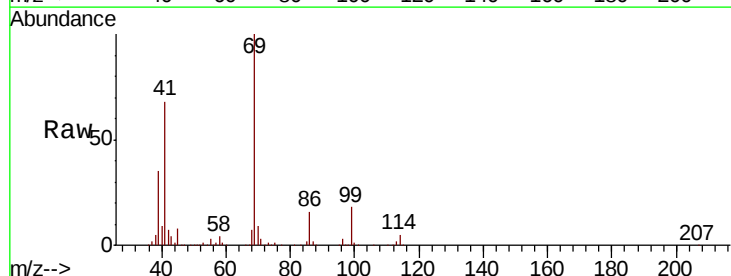
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 191.833 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	69	Resp	319358
Ion Ratio	Lower	Upper	
69	100		
41	69.5	58.3	87.5
39	32.7	29.5	44.3

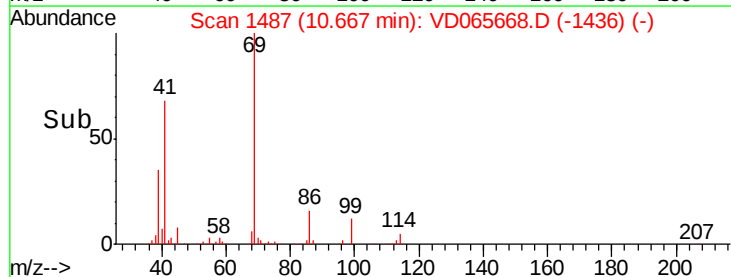
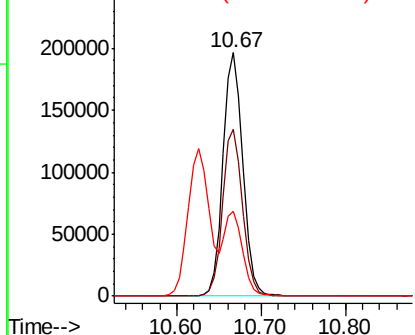


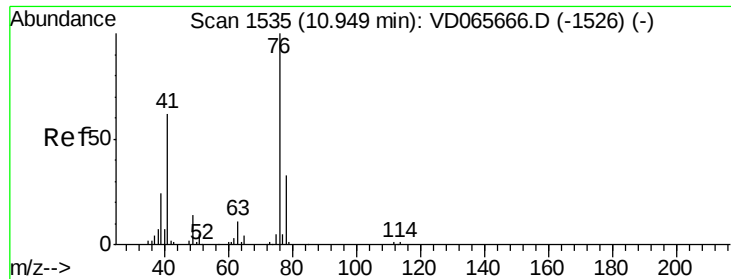
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

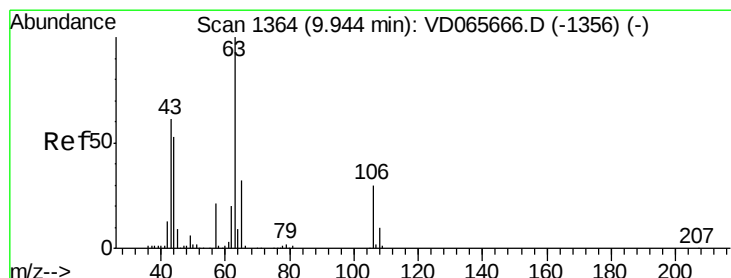
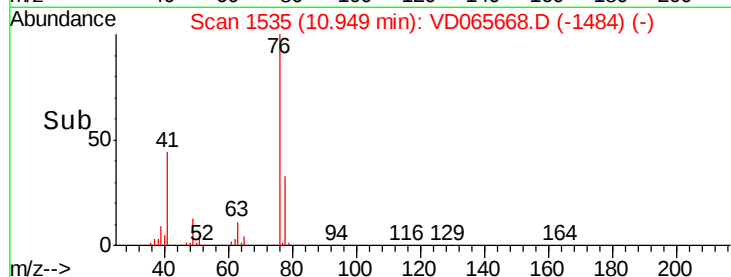
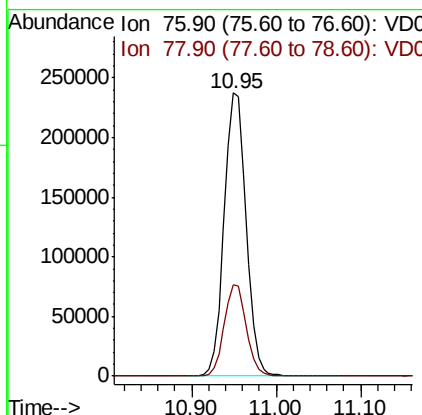
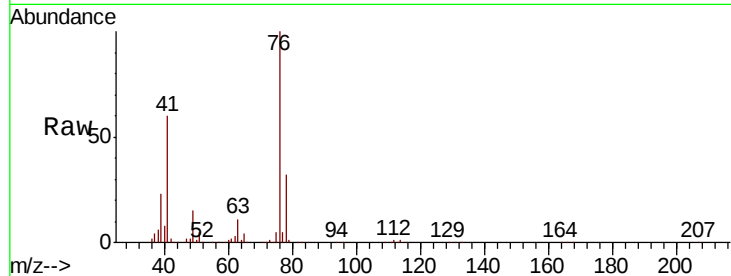




#57
 1,3-Dichloropropane
 Concen: 161.208 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

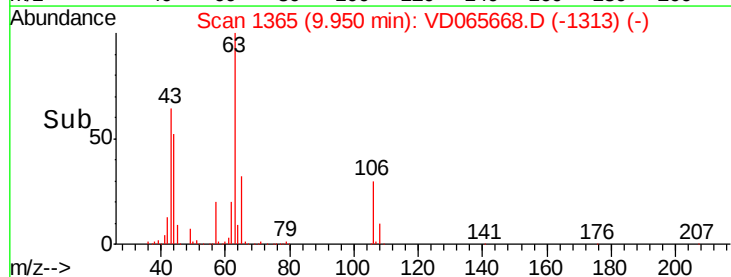
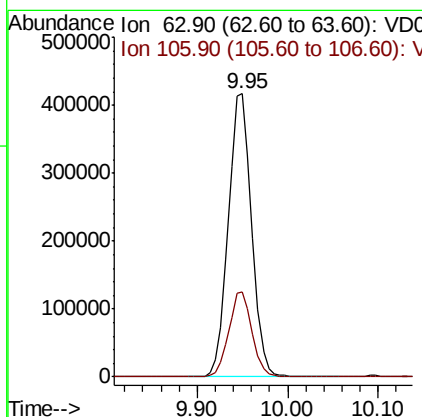
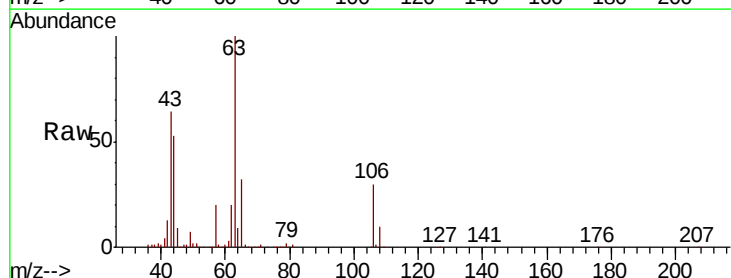
Instrument :
 MSVOA_D
 ClientSampled :

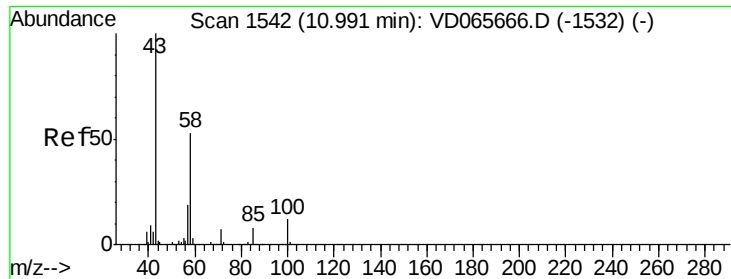
Tot Ion: 76 Resp: 425909
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 848.559 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion: 63 Resp: 746830
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.7 35.5

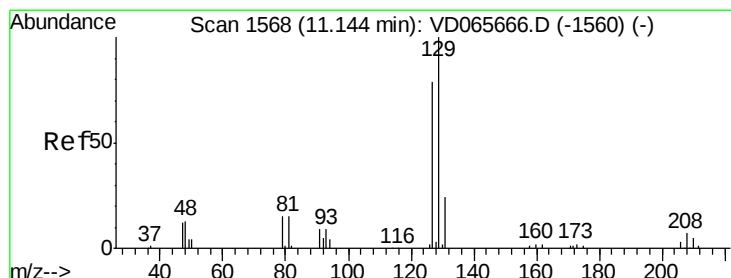
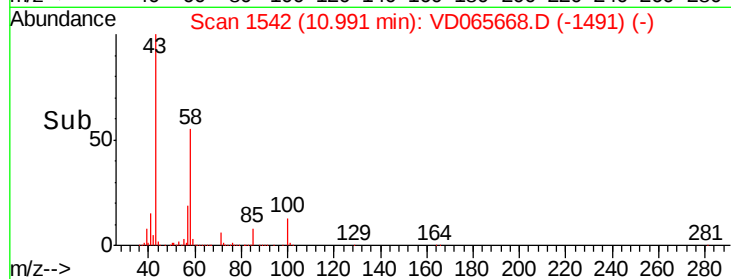
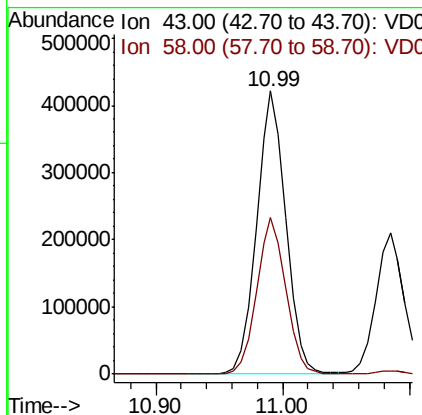
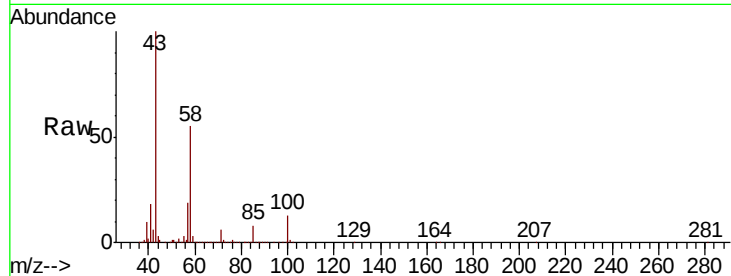




#59
2-Hexanone
Concen: 901.128 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

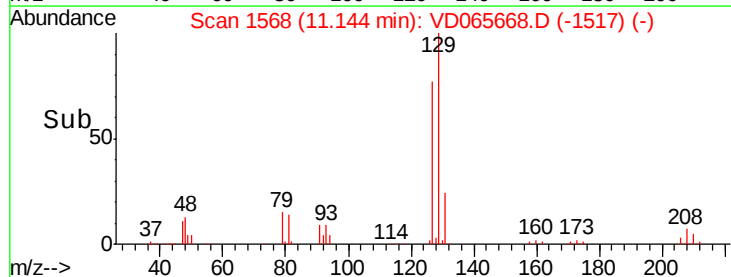
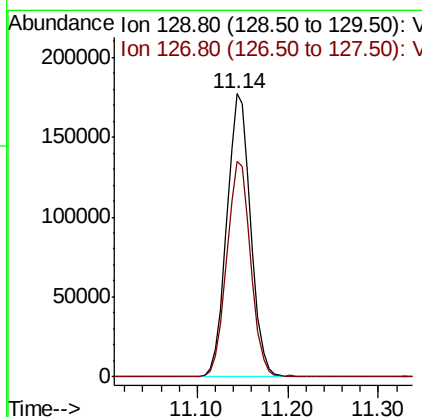
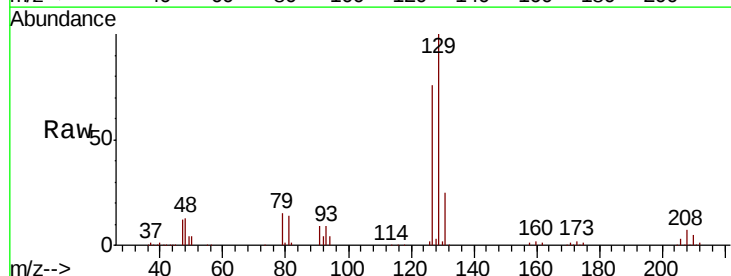
Instrument :
MSVOA_D
ClientSampleId :

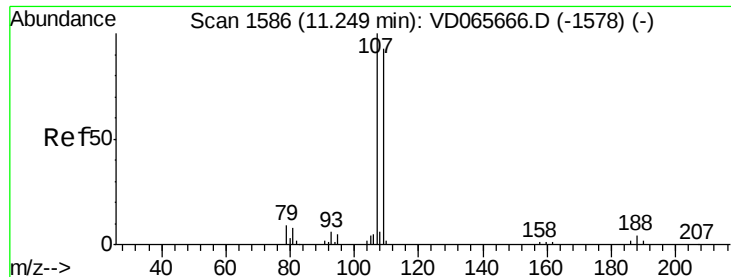
Tot Ion: 43 Resp: 674689
Ion Ratio Lower Upper
43 100
58 55.0 26.3 78.9



#60
Dibromochloromethane
Concen: 156.762 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 129 Resp: 323082
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 158.108 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

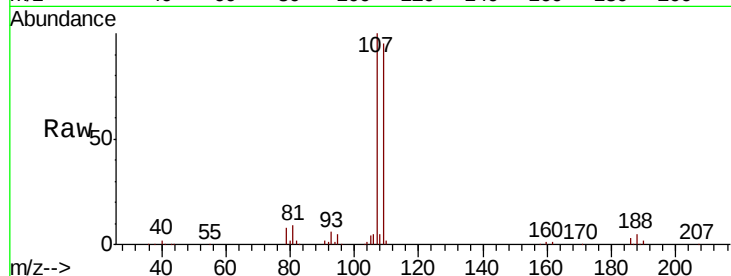
ClientSampled :

Tot Ion:107 Resp: 237290

Ion Ratio Lower Upper

107 100

109 94.6 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

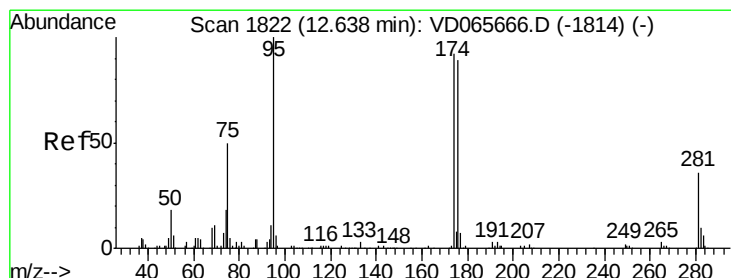
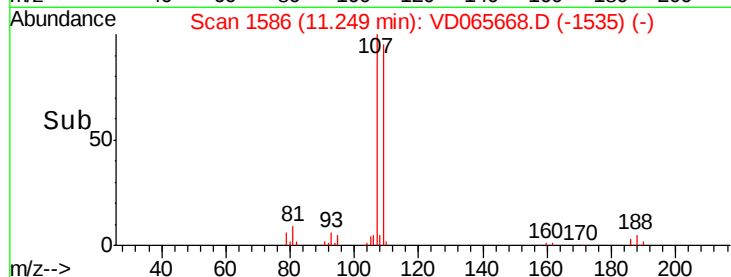
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 148.531 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

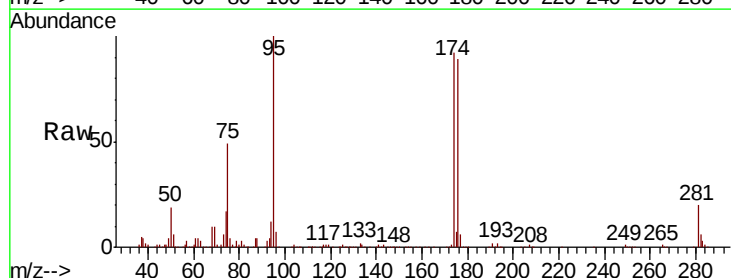
Tgt Ion: 95 Resp: 365126

Ion Ratio Lower Upper

95 100

174 91.8 0.0 186.4

176 89.6 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

300000

250000

200000

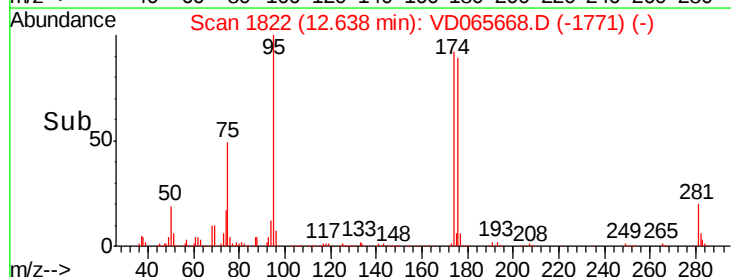
150000

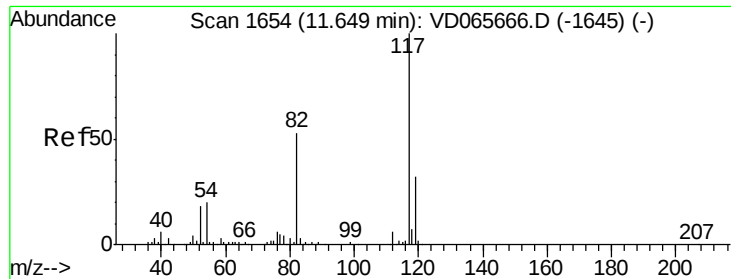
100000

50000

0

Time-->

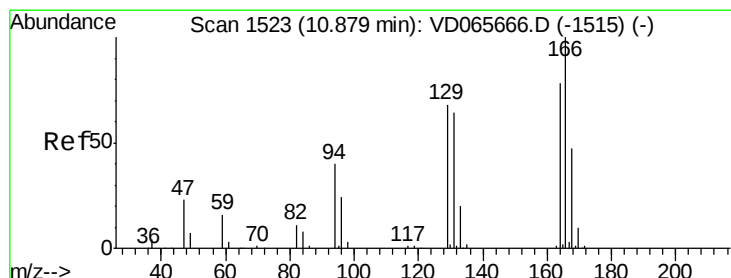
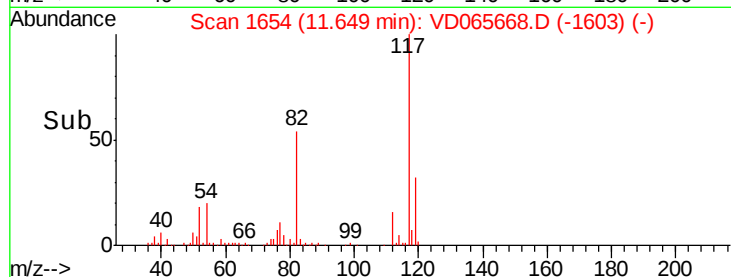
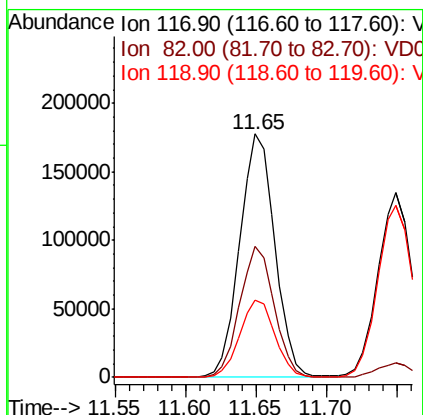
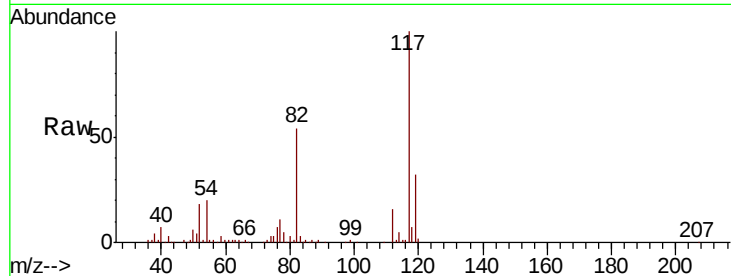




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

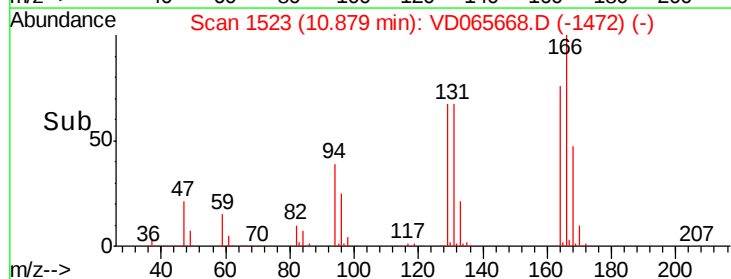
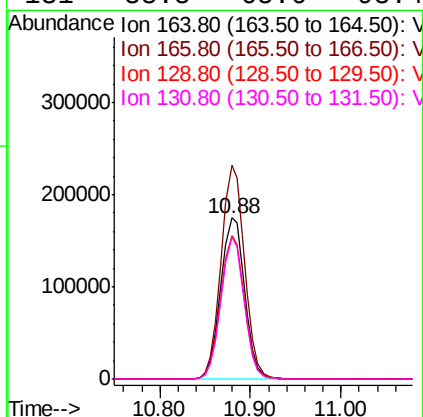
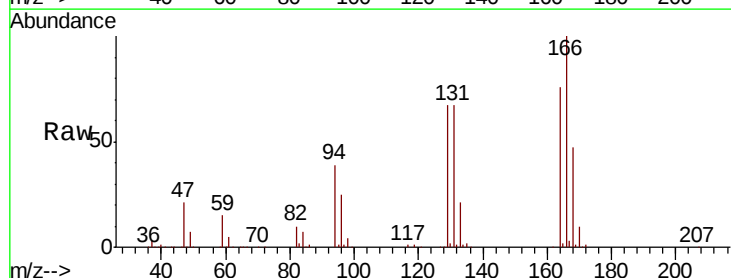
Instrument :
MSVOA_D
ClientSampleId :

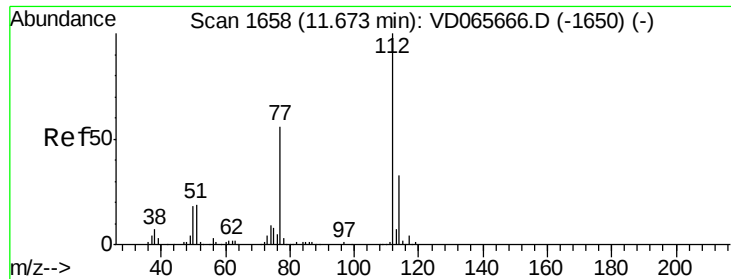
Tot Ion:117 Resp: 309327
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 150.479 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion:164 Resp: 322075
Ion Ratio Lower Upper
164 100
166 132.4 102.0 153.0
129 89.1 69.3 103.9
131 88.5 65.6 98.4

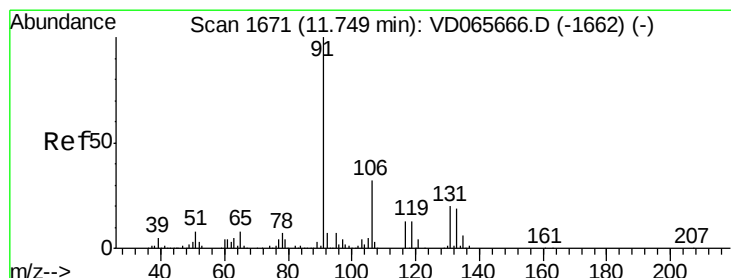
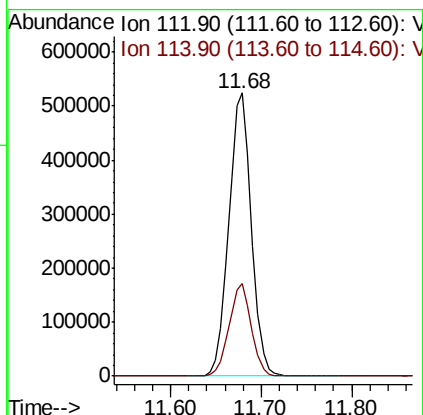
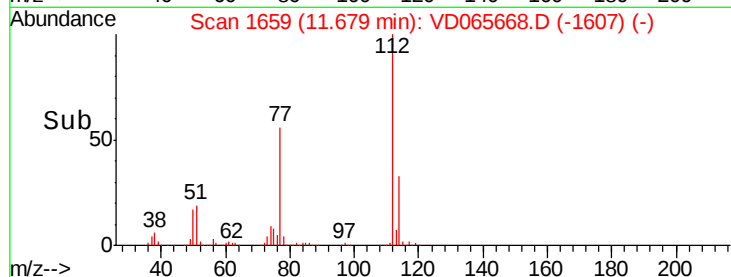
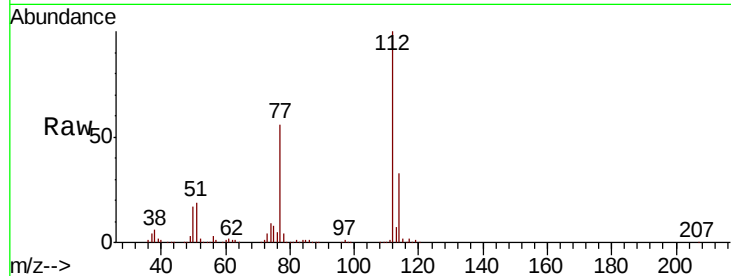




#65
Chlorobenzene
Concen: 152.287 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

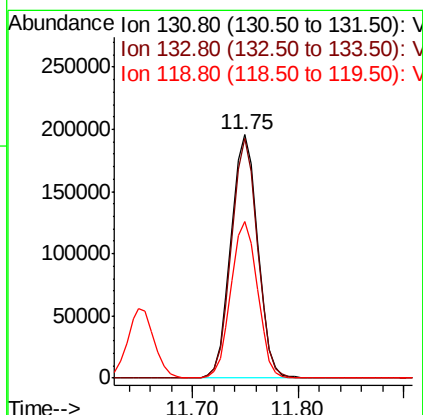
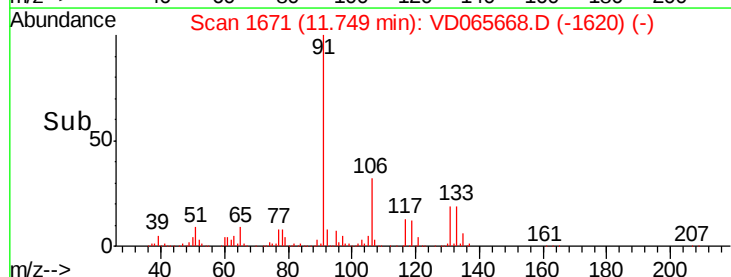
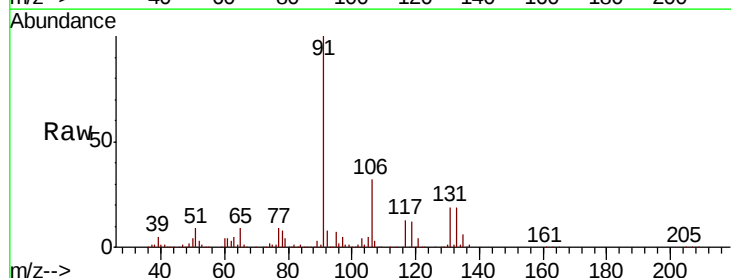
Instrument :
MSVOA_D
ClientSampled :

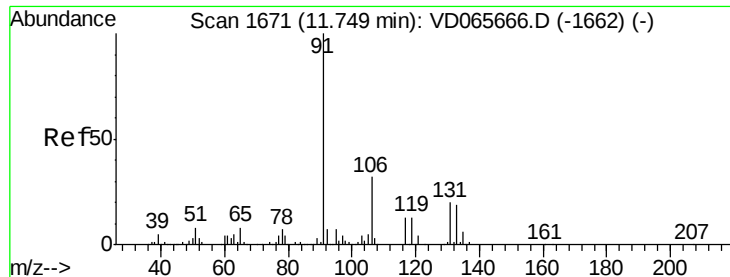
Tot Ion:112 Resp: 904554
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 150.828 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion:131 Resp: 342376
Ion Ratio Lower Upper
131 100
133 95.8 48.6 145.8
119 64.1 32.3 96.9

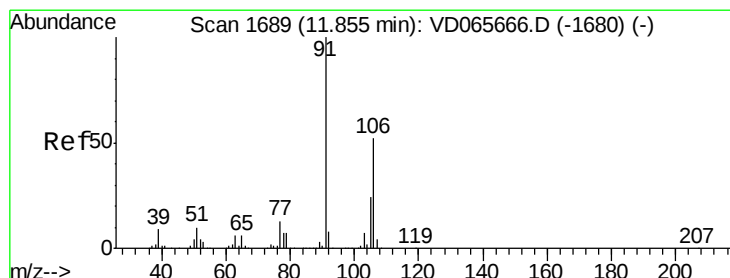
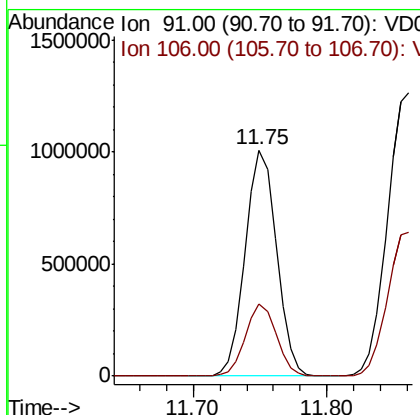
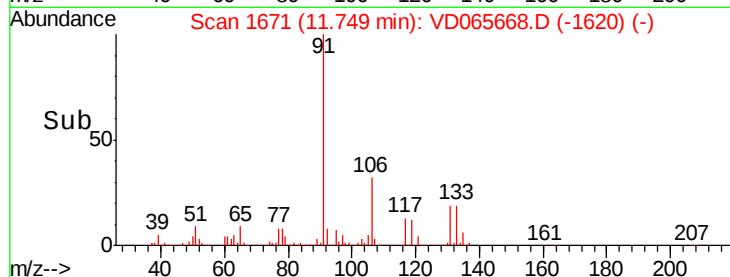
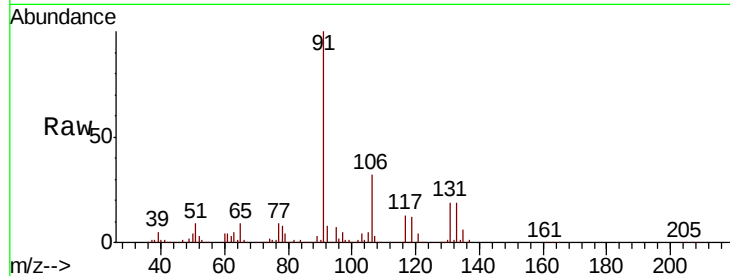




#67
Ethyl Benzene
Concen: 161.694 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

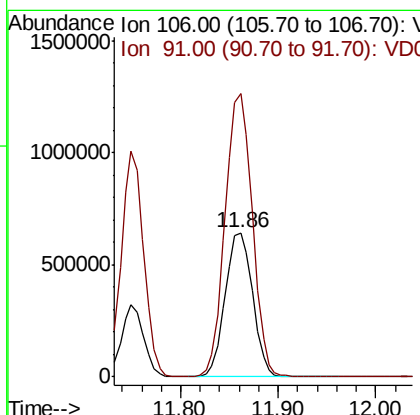
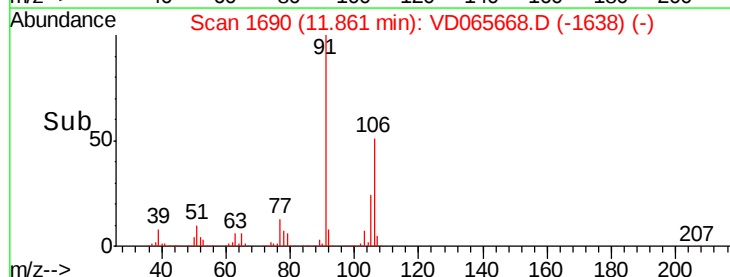
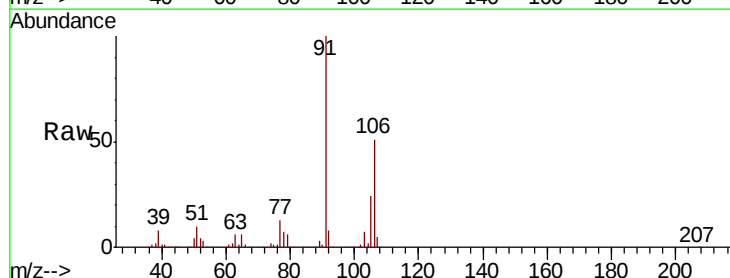
Instrument :
MSVOA_D
ClientSampleId :

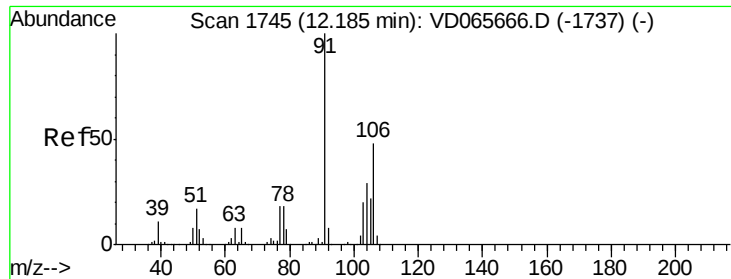
Tot Ion: 91 Resp: 1641155
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 320.189 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 106 Resp: 1257116
Ion Ratio Lower Upper
106 100
91 195.4 155.8 233.6

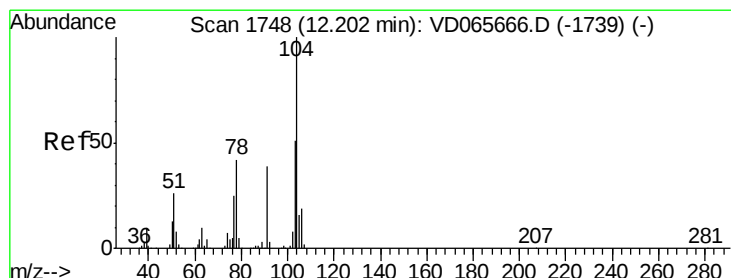
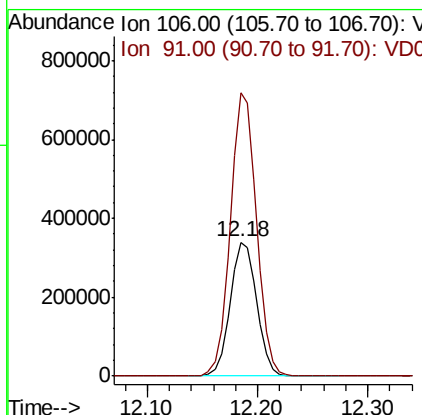
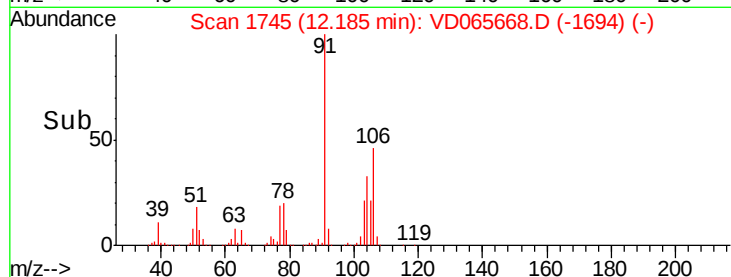
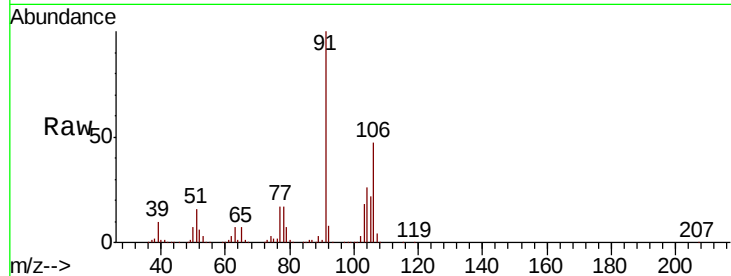




#69
o-Xylene
Concen: 167.681 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

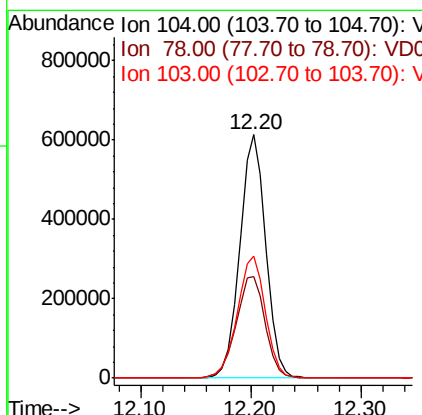
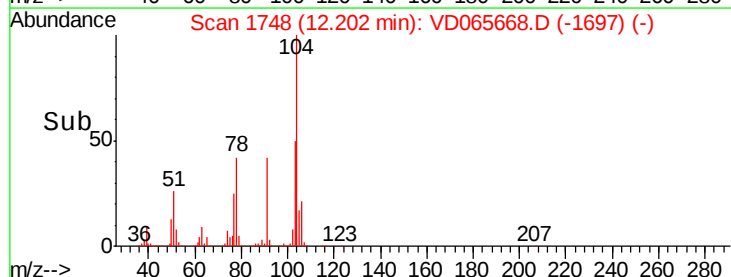
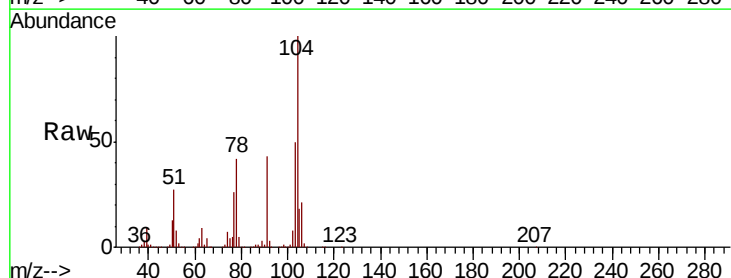
Instrument :
MSVOA_D
ClientSampled :

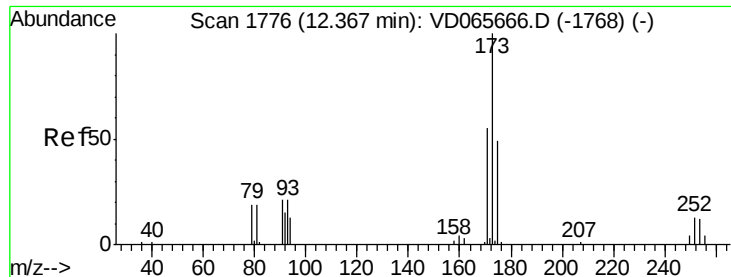
Tot Ion:106 Resp: 573507
Ion Ratio Lower Upper
106 100
91 207.8 103.6 310.9



#70
Styrene
Concen: 167.068 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion:104 Resp: 1012536
Ion Ratio Lower Upper
104 100
78 46.6 37.4 56.0
103 54.1 43.6 65.4





#71

Bromoform

Concen: 156.619 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

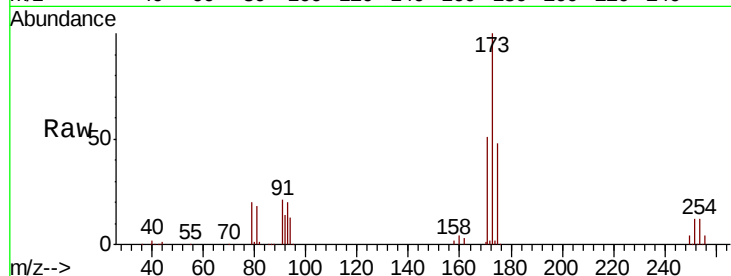
Tot Ion:173 Resp: 199117

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

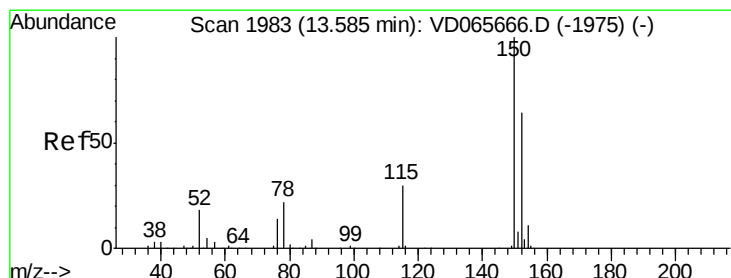
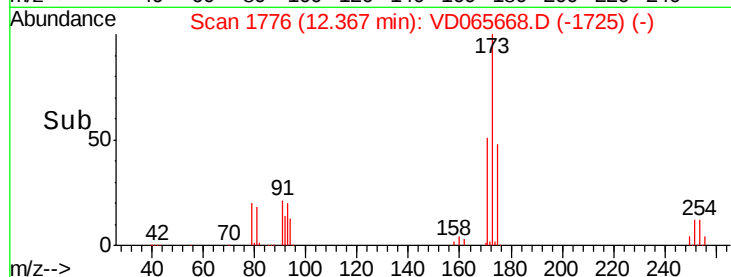
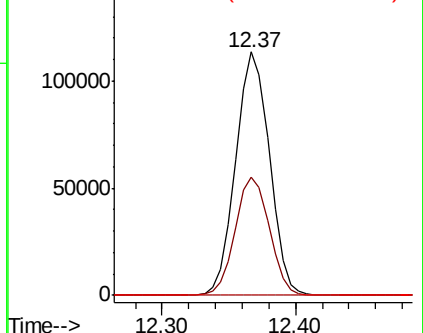
254 0.2 0.0 0.0#



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: VD065668.D

Acq: 22 Apr 2020 16:28

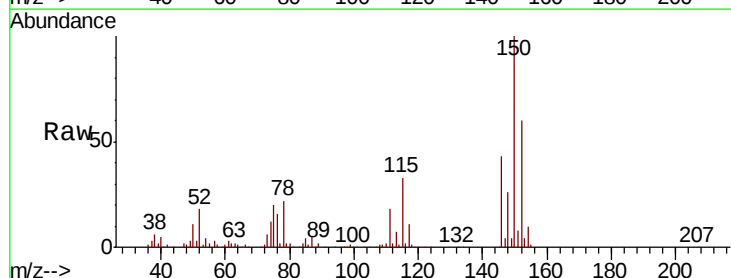
Tgt Ion:152 Resp: 157091

Ion Ratio Lower Upper

152 100

115 54.9 27.4 82.0

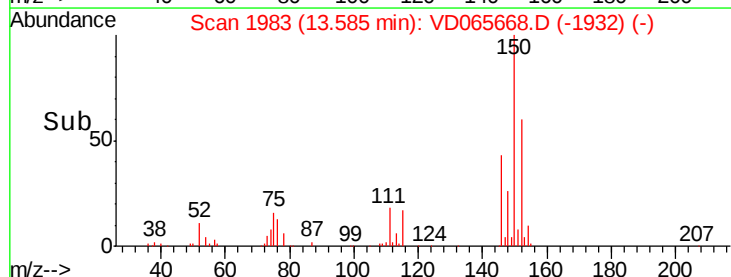
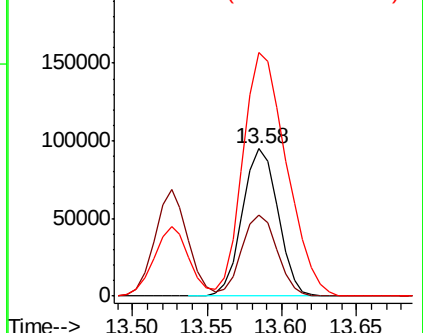
150 202.6 0.0 339.0

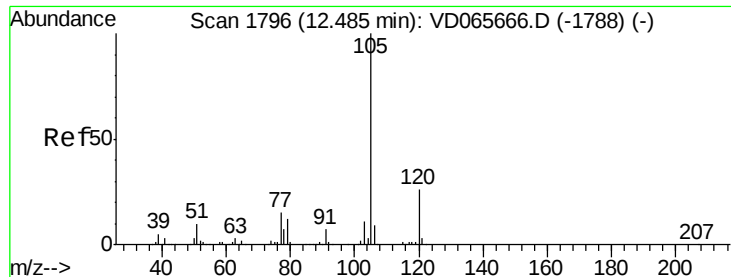


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 168.494 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

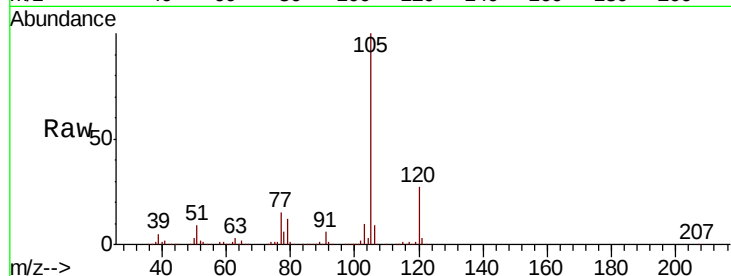
ClientSampleId :

Tot Ion:105 Resp: 1543114

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

1000000

800000

600000

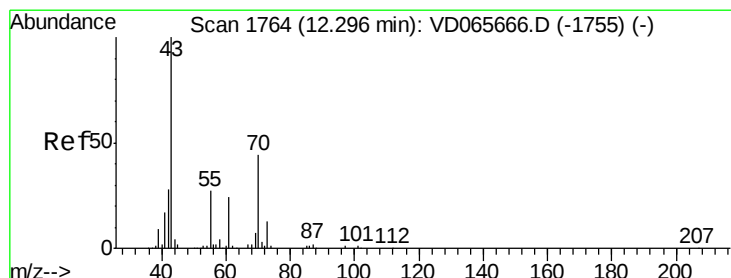
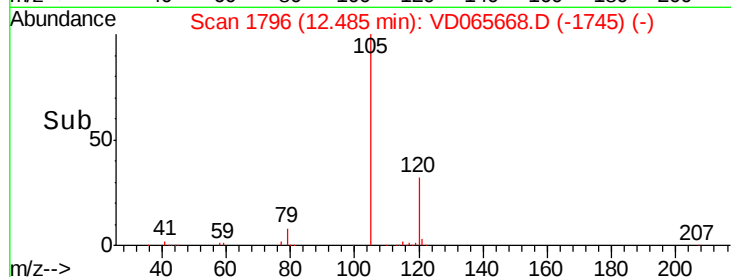
400000

200000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 182.636 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Tgt Ion: 43 Resp: 352389

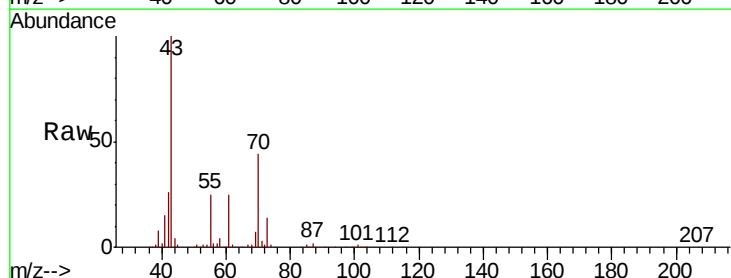
Ion Ratio Lower Upper

43 100

70 43.4 34.6 51.8

55 25.6 22.3 33.5

61 24.7 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

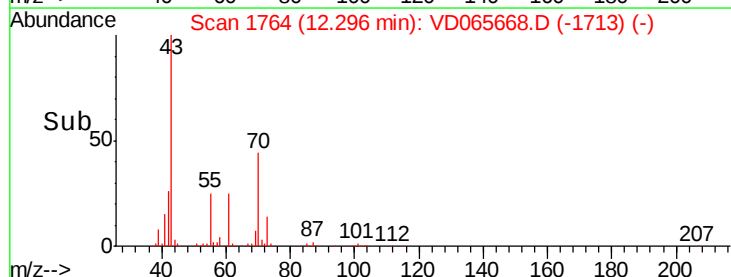
200000

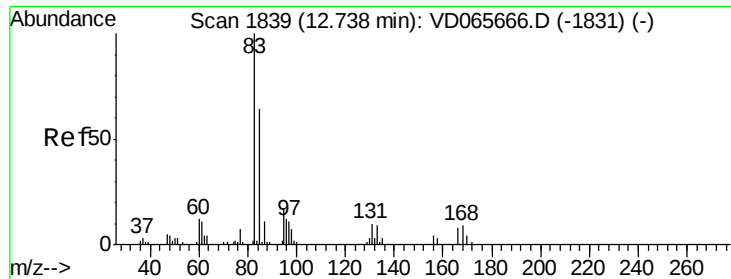
100000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 156.228 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

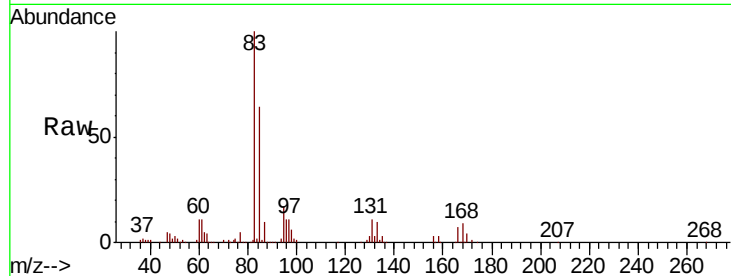
Tot Ion: 83 Resp: 259004

Ion Ratio Lower Upper

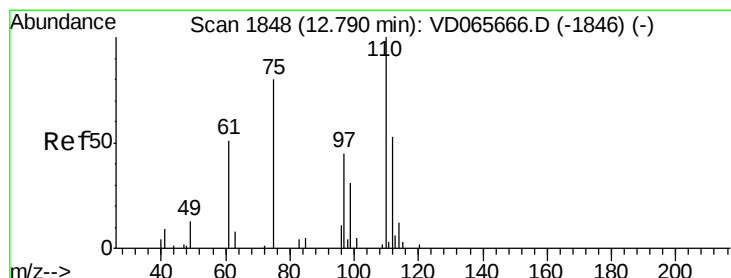
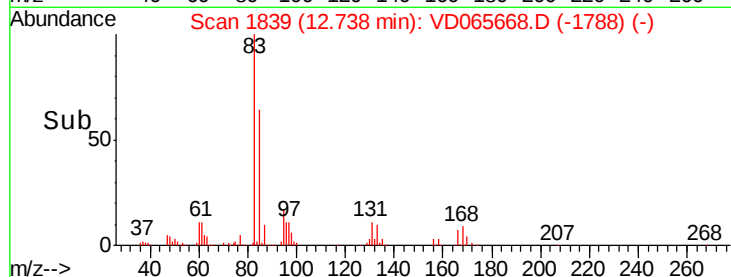
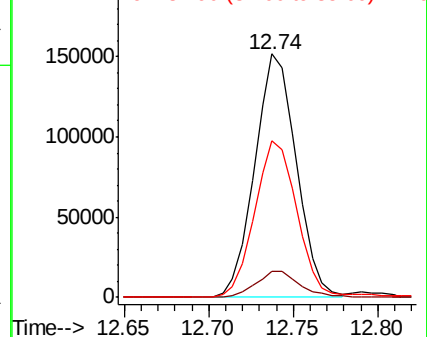
83 100

131 11.2 5.7 17.1

85 66.1 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: 292.949 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065668.D

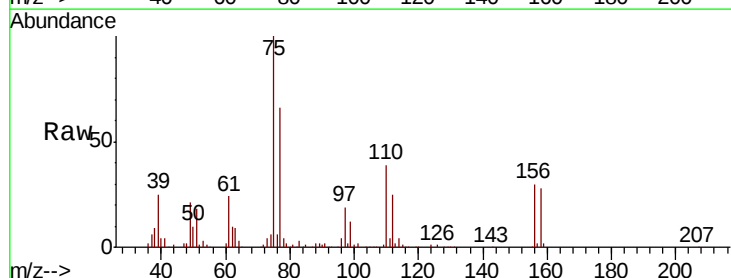
Acq: 22 Apr 2020 16:28

Tgt Ion: 75 Resp: 347108

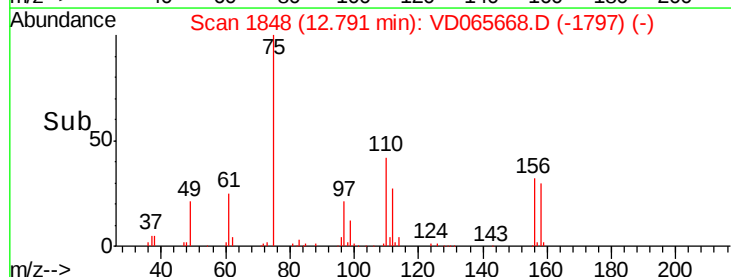
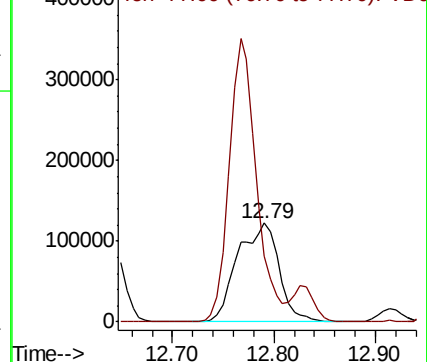
Ion Ratio Lower Upper

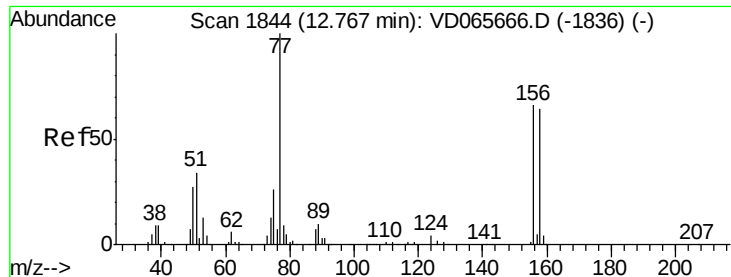
75 100

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: 159.216 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

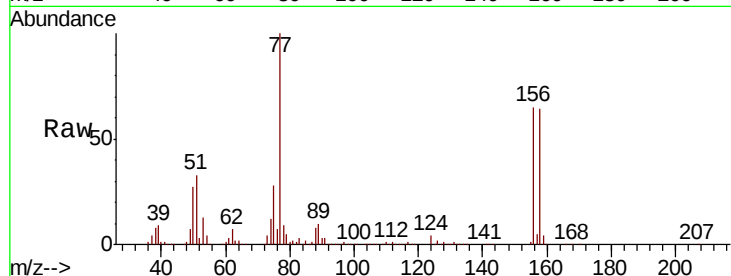
Tot Ion:156 Resp: 385931

Ion Ratio Lower Upper

156 100

77 168.0 85.8 257.3

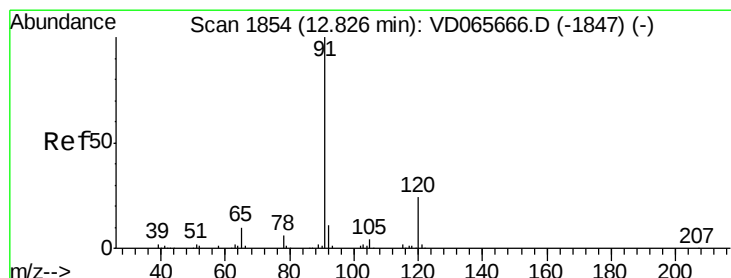
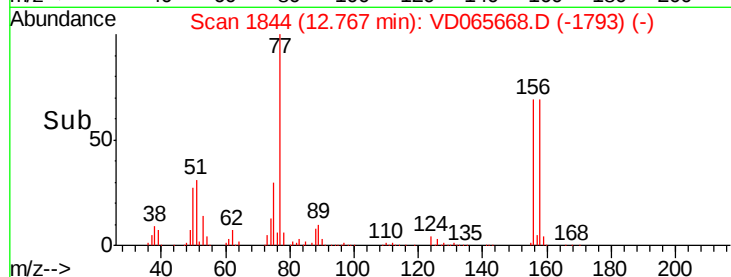
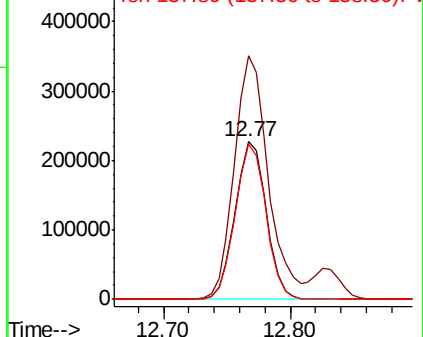
158 97.3 49.9 149.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 162.390 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065668.D

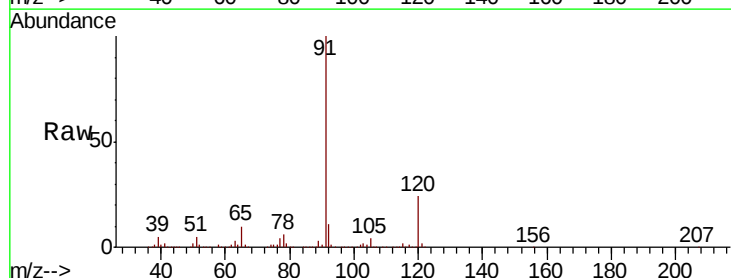
Acq: 22 Apr 2020 16:28

Tgt Ion: 91 Resp: 1799595

Ion Ratio Lower Upper

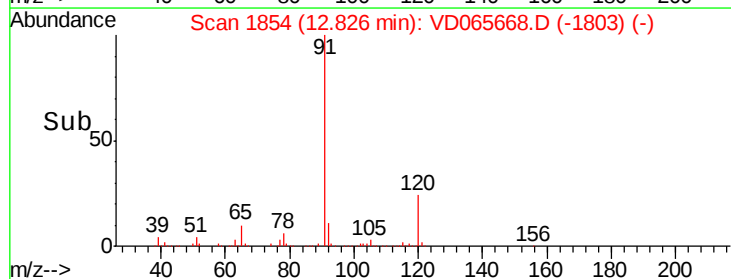
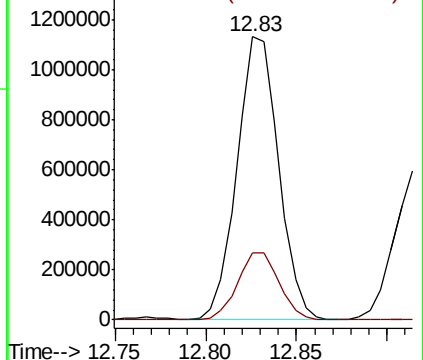
91 100

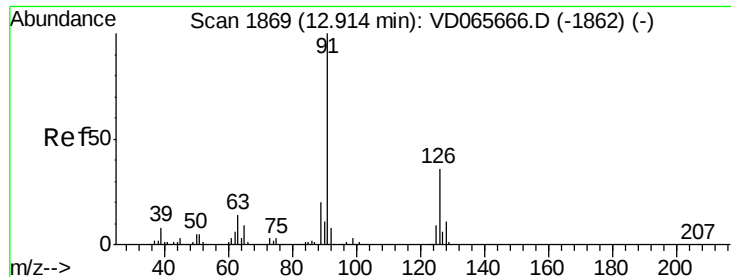
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

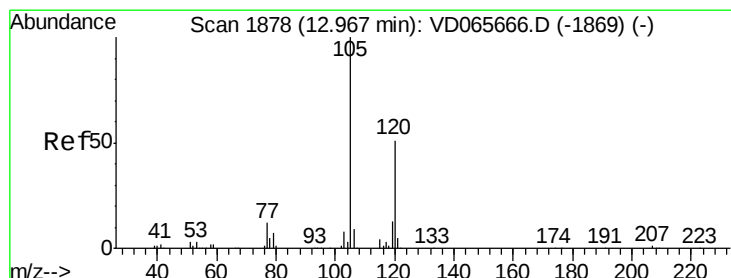
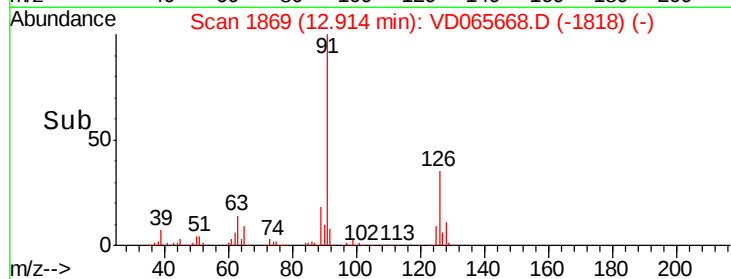
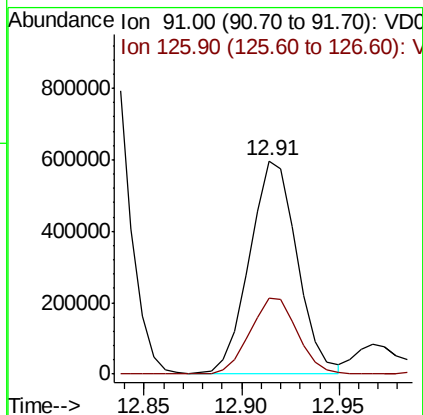
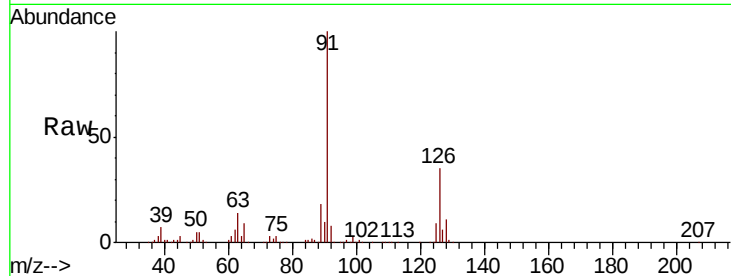




#79
 2-Chlorotoluene
 Concen: 158.962 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

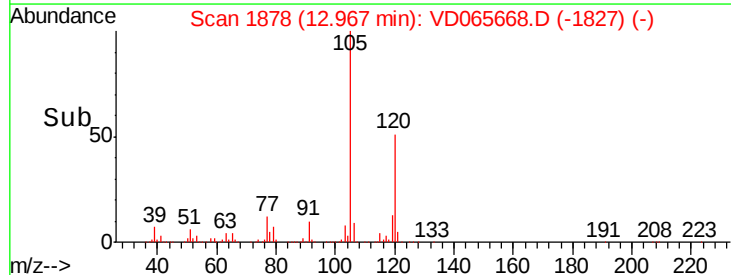
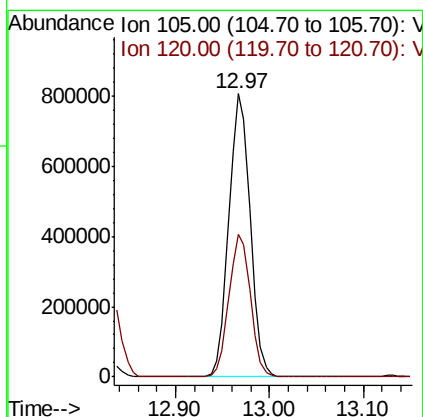
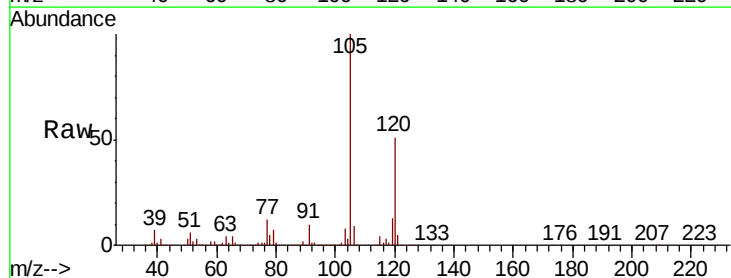
Instrument :
 MSVOA_D
 ClientSampled :

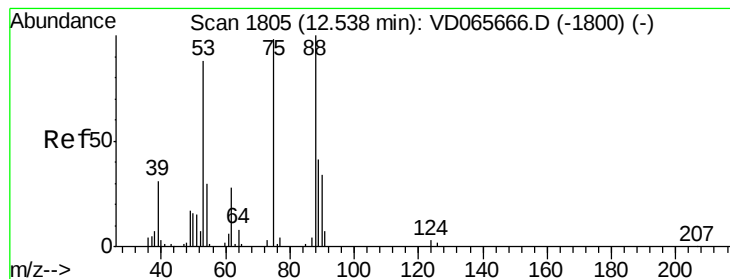
Tot Ion: 91 Resp: 1002157
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 163.966 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion:105 Resp: 1268419
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 172.547 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampleId :

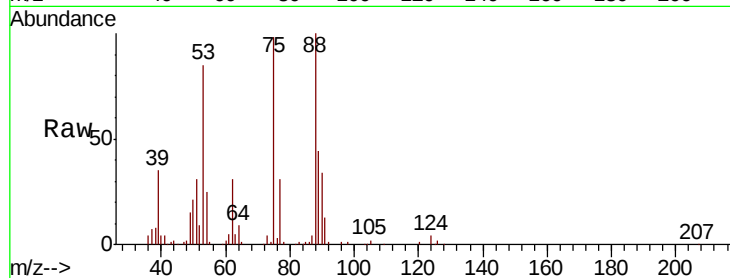
Tot Ion: 75 Resp: 95734

Ion Ratio Lower Upper

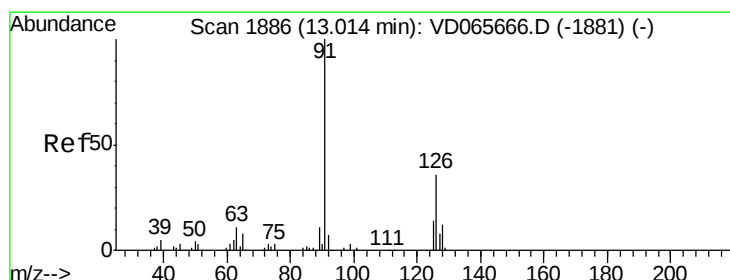
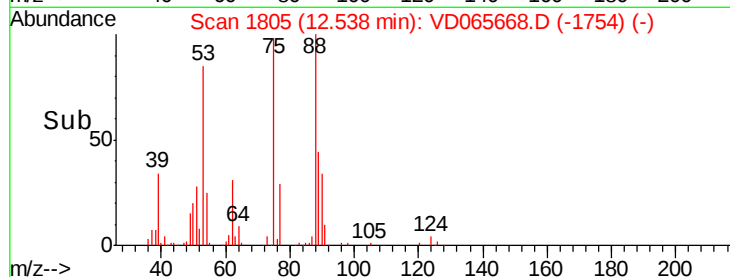
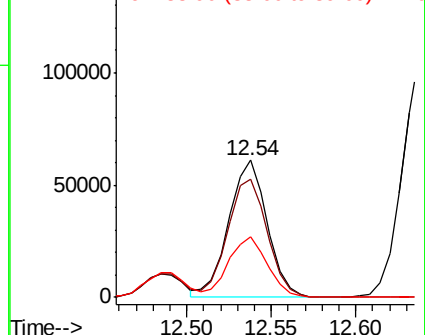
75 100

53 89.8 76.5 114.7

89 45.3 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 154.674 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065668.D

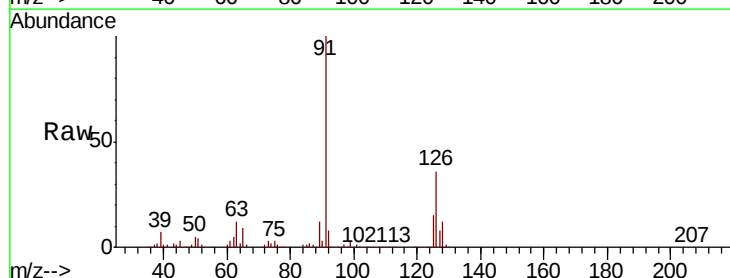
Acq: 22 Apr 2020 16:28

Tgt Ion: 91 Resp: 1049856

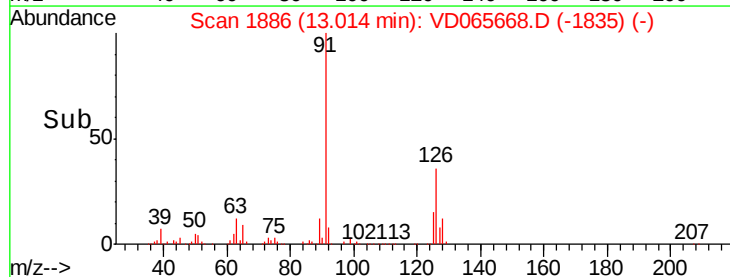
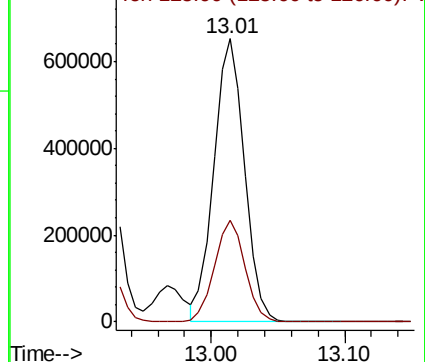
Ion Ratio Lower Upper

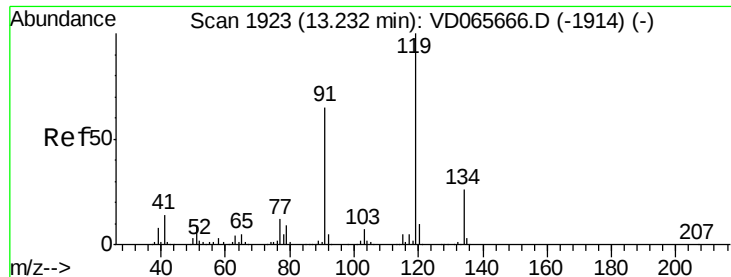
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

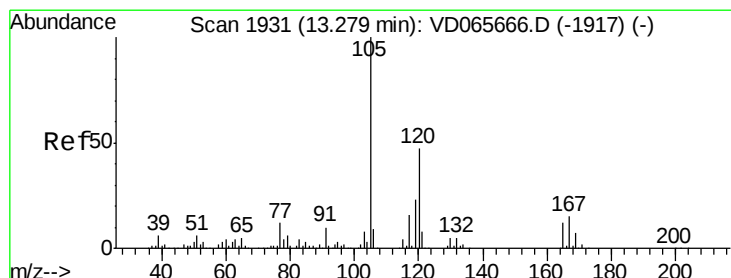
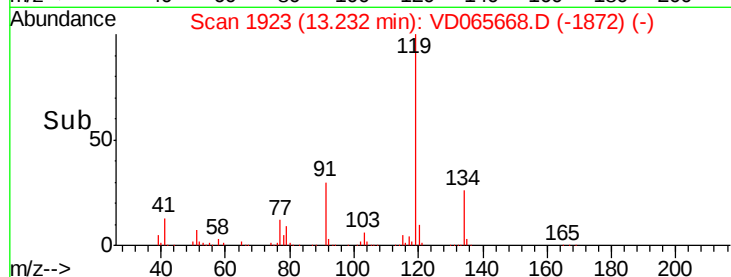
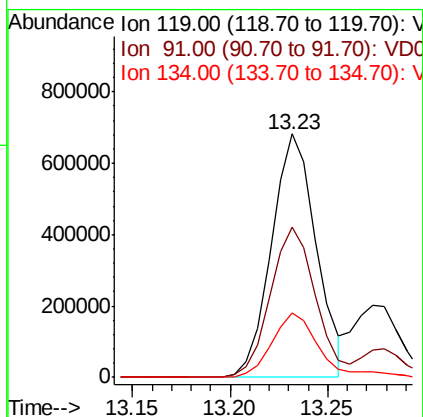
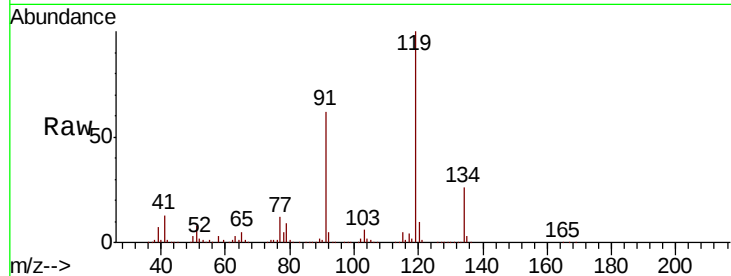




#83
tert-Butylbenzene
Concen: 166.963 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

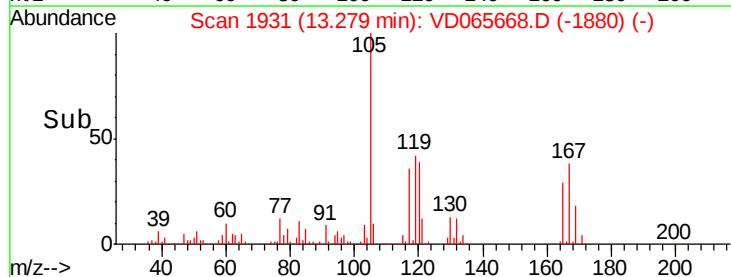
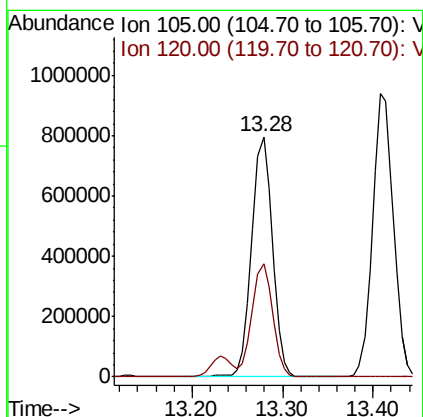
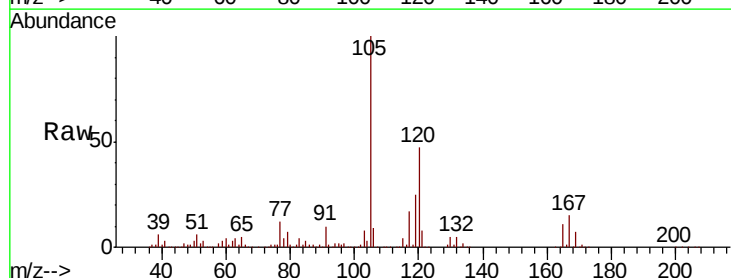
Instrument :
MSVOA_D
ClientSampled :

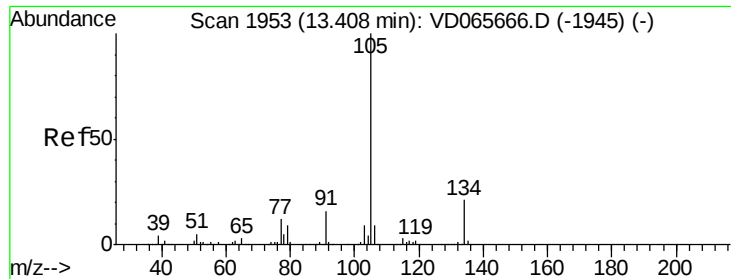
Tot Ion:119 Resp: 1081926
Ion Ratio Lower Upper
119 100
91 62.6 31.9 95.7
134 28.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 164.662 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion:105 Resp: 1268812
Ion Ratio Lower Upper
105 100
120 46.9 23.5 70.6

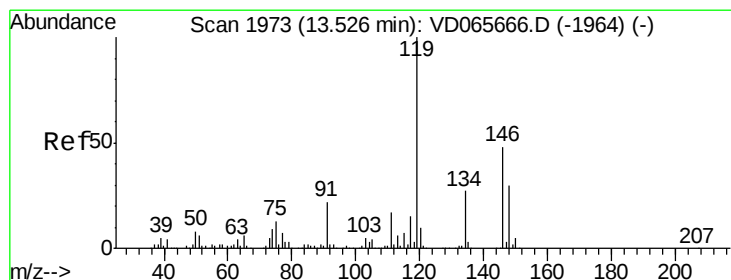
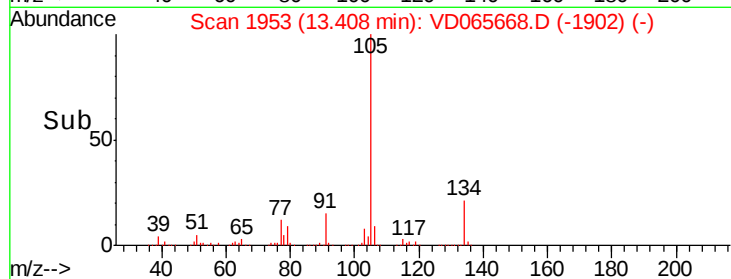
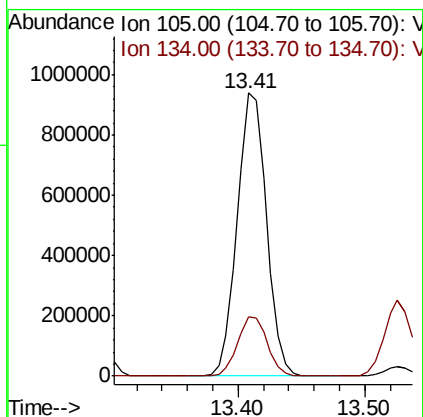
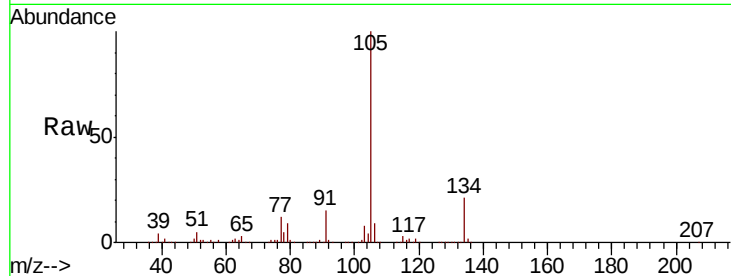




#85
 sec-Butylbenzene
 Concen: 161.770 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

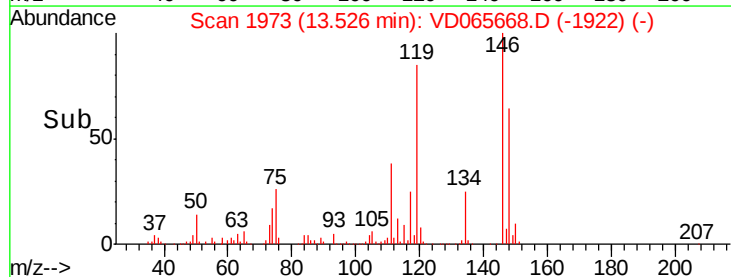
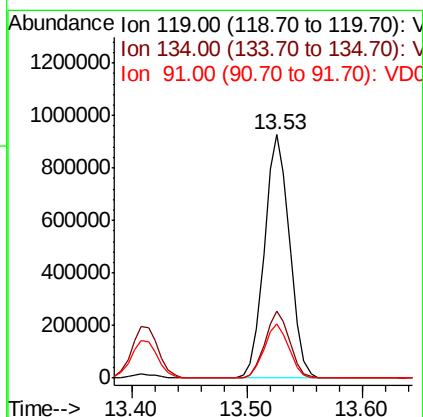
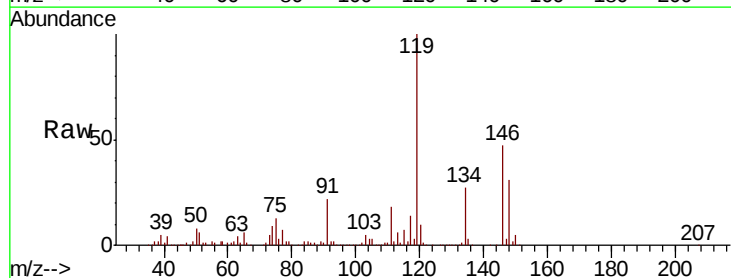
Instrument :
 MSVOA_D
 ClientSampleId :

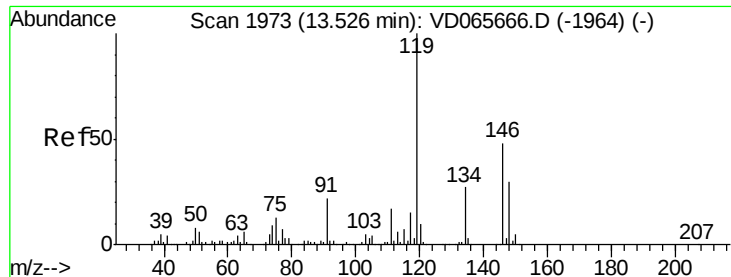
Tot Ion:105 Resp: 1501213
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 161.925 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion:119 Resp: 1411668
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.0 10.9 32.7

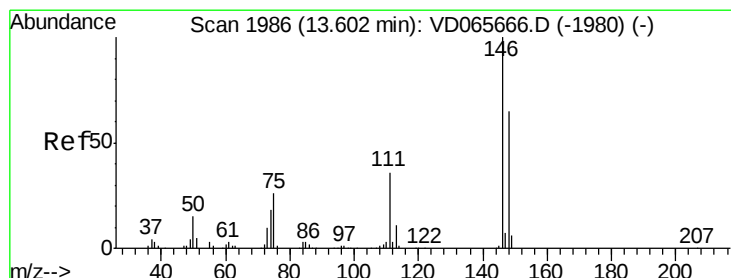
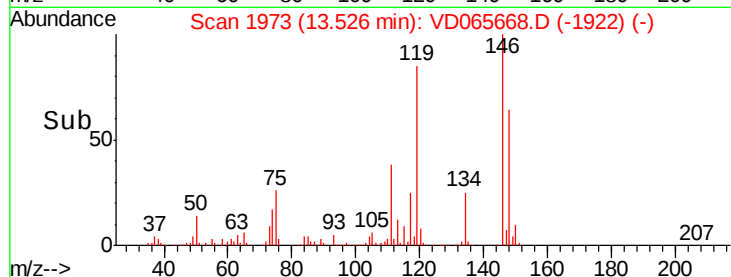
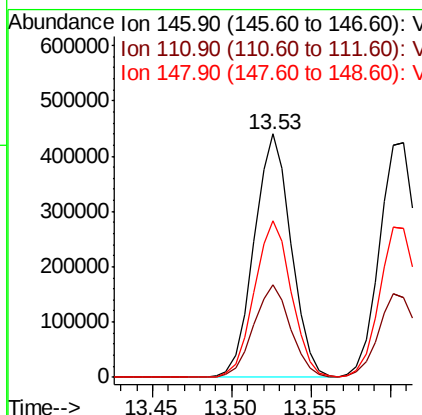
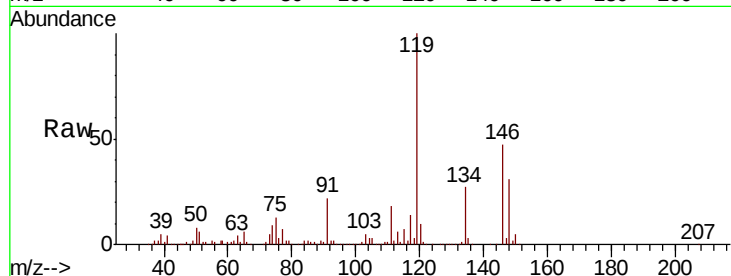




#87
 1,3-Dichlorobenzene
 Concen: 150.076 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

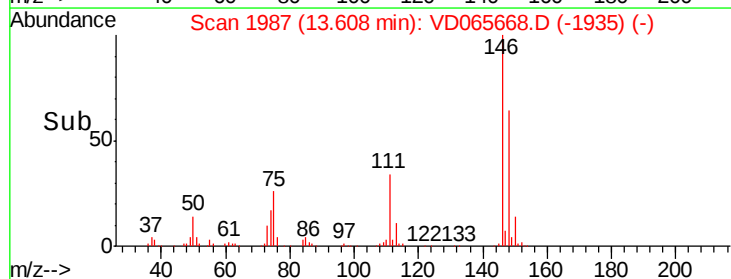
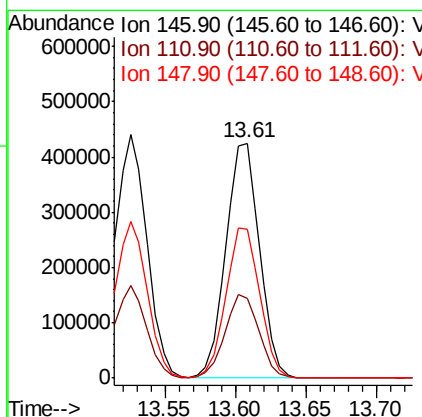
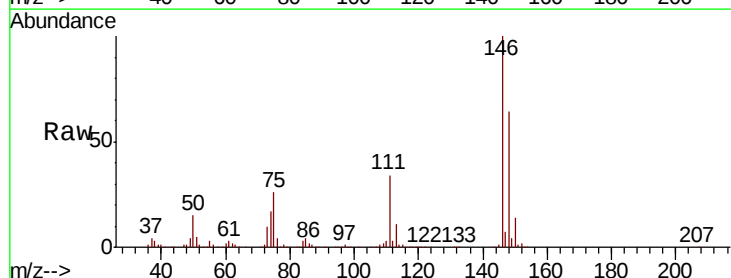
Instrument :
 MSVOA_D
 ClientSampleId :

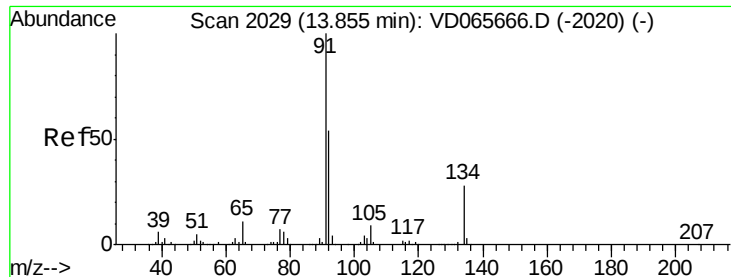
Tot Ion:146 Resp: 715619
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 56.0
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 149.107 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion:146 Resp: 706632
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.1
 148 64.1 31.9 95.5

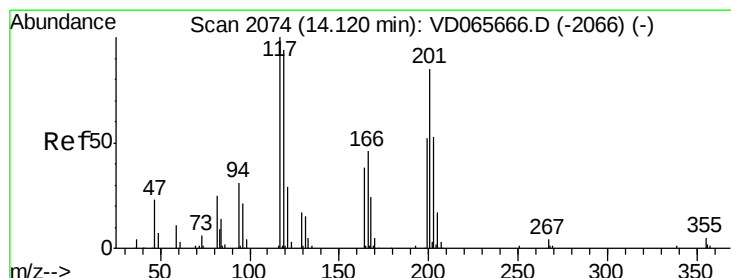
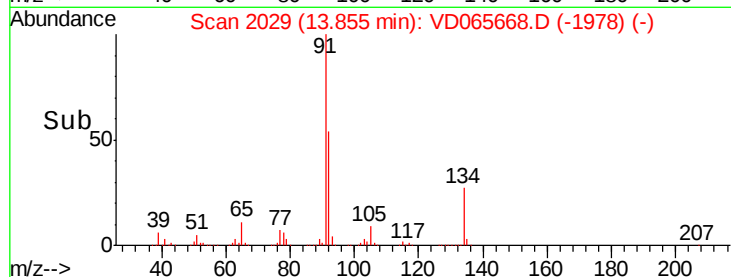
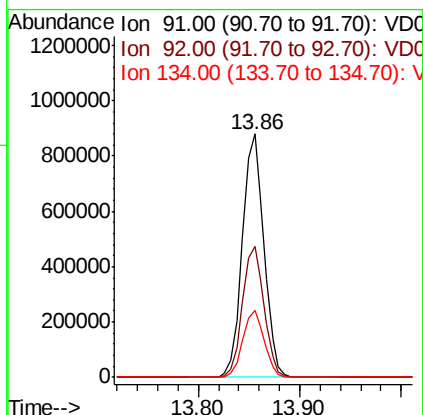
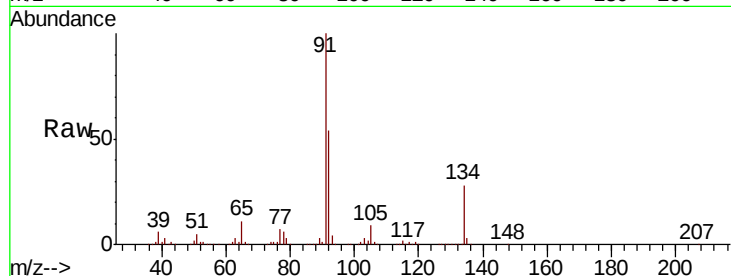




#89
n-Butylbenzene
Concen: 163.428 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

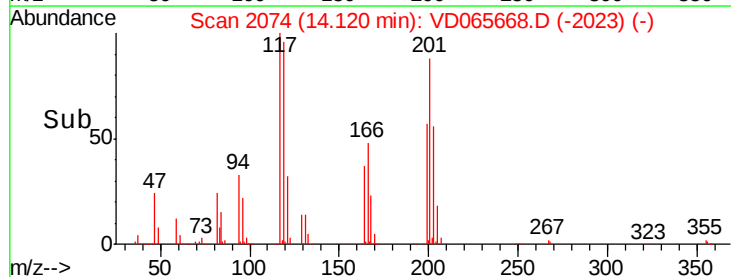
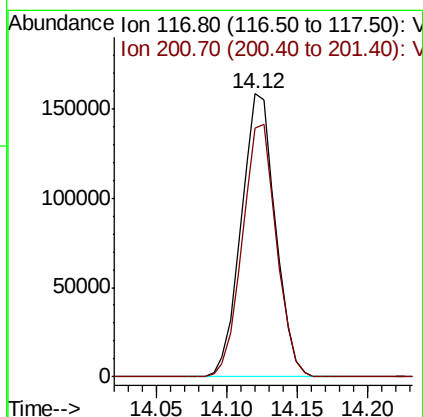
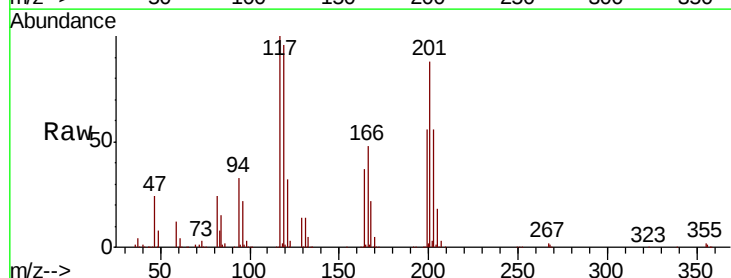
Instrument :
MSVOA_D
ClientSampled :

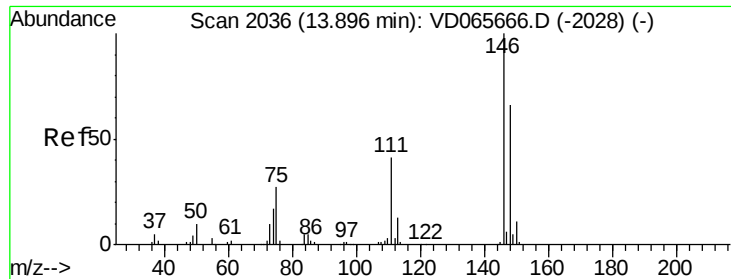
Tot Ion: 91 Resp: 1291208
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 27.6 13.7 41.0



#90
Hexachloroethane
Concen: 146.703 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 117 Resp: 268992
Ion Ratio Lower Upper
117 100
201 89.0 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 152.997 ug/l

RT: 13.90 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_D

ClientSampled :

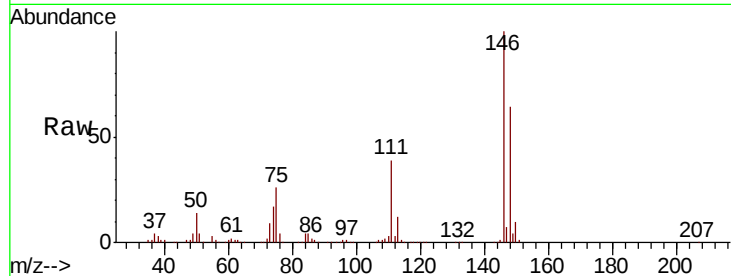
Tot Ion:146 Resp: 623840

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

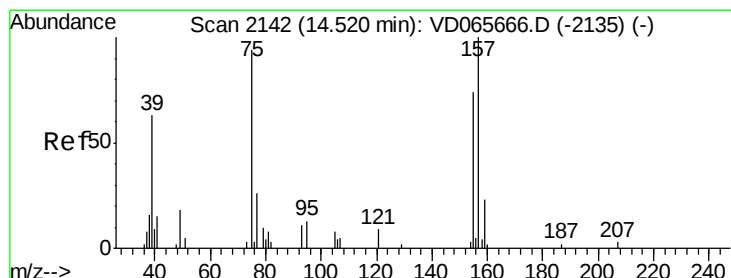
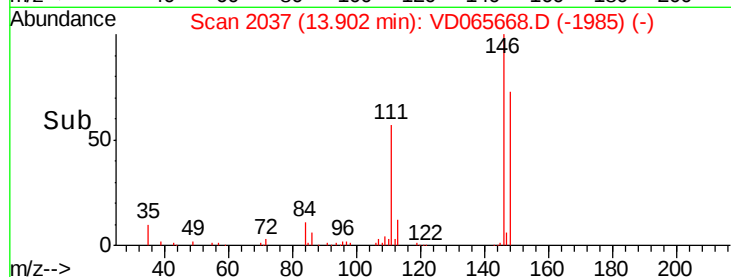
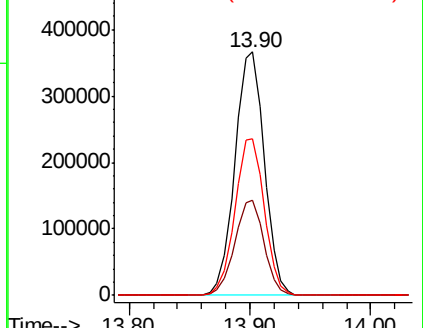
148 64.3 32.2 96.6



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: 164.289 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD065668.D

Acq: 22 Apr 2020 16:28

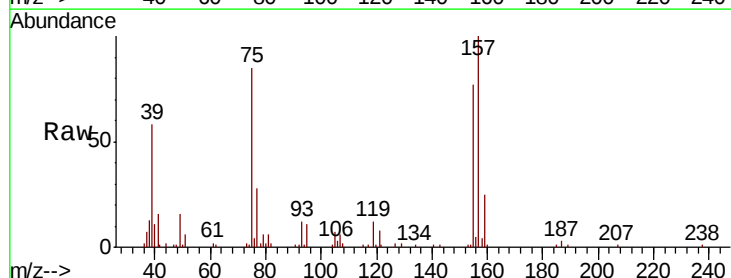
Tgt Ion: 75 Resp: 41313

Ion Ratio Lower Upper

75 100

155 93.7 40.6 122.0

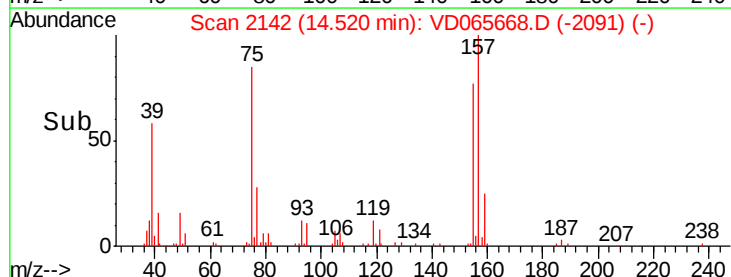
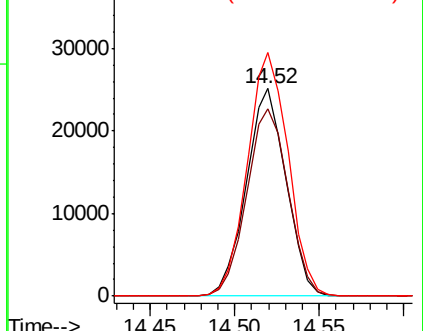
157 119.8 52.8 158.5

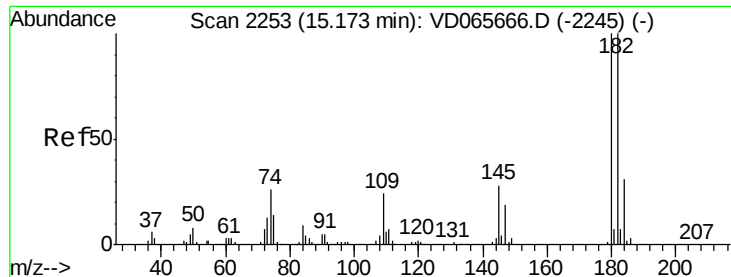


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

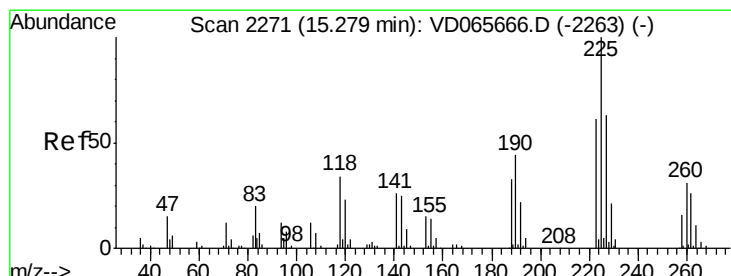
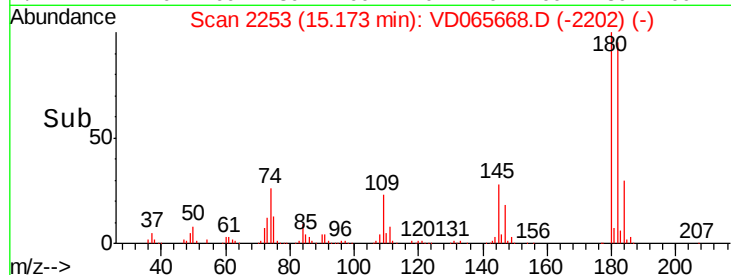
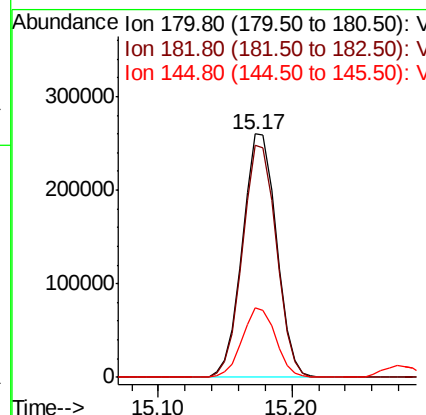
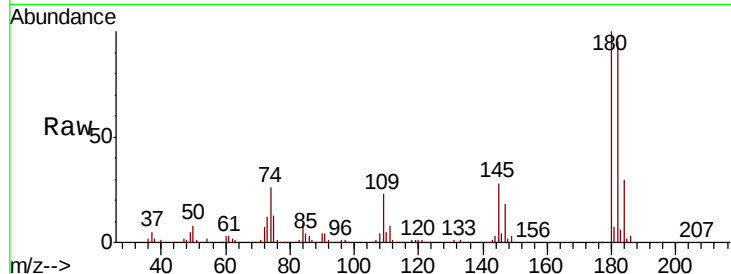




#93
 1,2,4-Trichlorobenzene
 Concen: 163.980 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

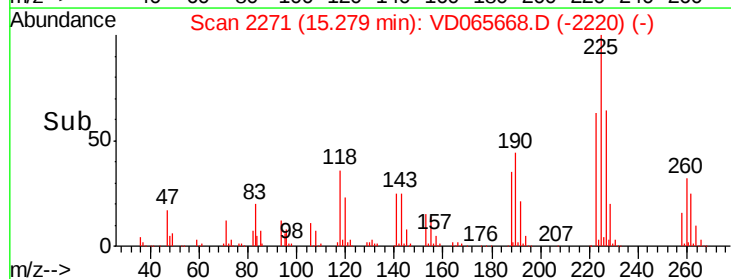
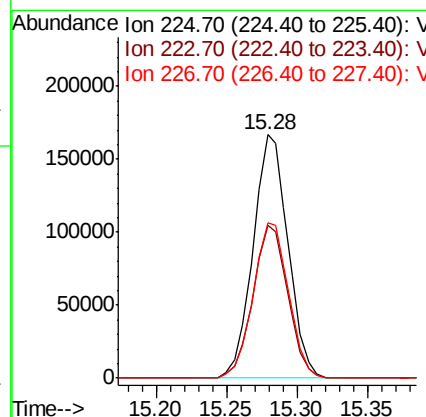
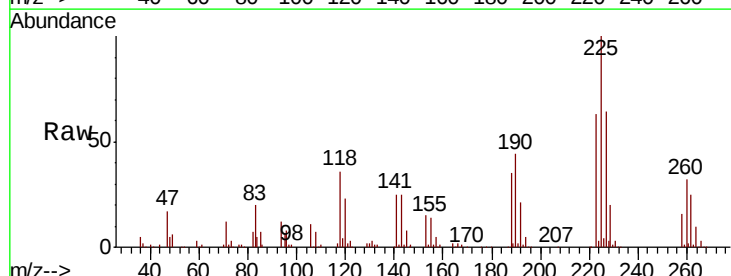
Instrument :
 MSVOA_D
 ClientSampleId :

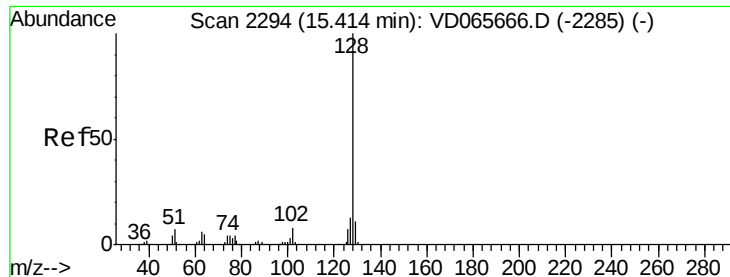
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	28.0	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 149.715 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065668.D
 Acq: 22 Apr 2020 16:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.8	92.4
227	64.7	32.1	96.5

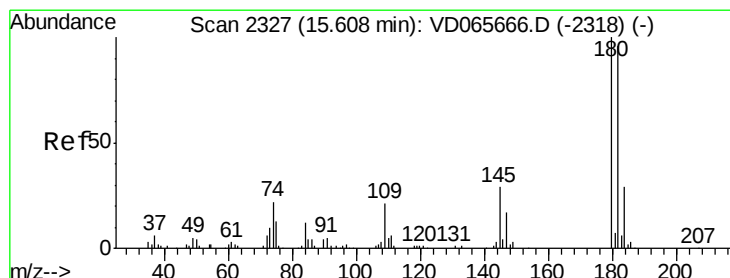
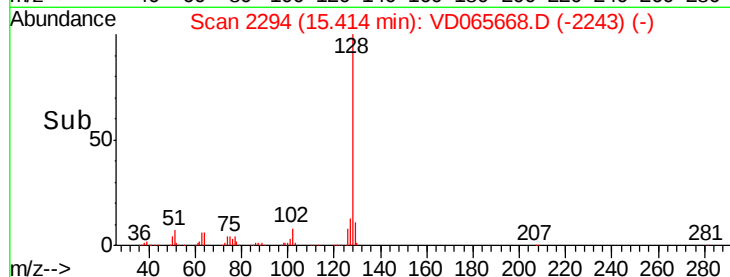
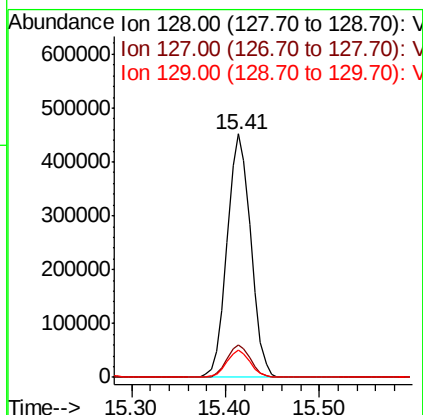
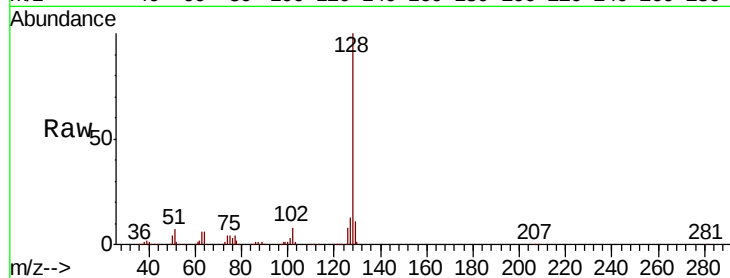




#95
Naphthalene
Concen: 192.250 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 788178
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 163.862 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065668.D
Acq: 22 Apr 2020 16:28

Tgt Ion:180 Resp: 402783
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.3
145 29.6 14.6 44.0

