

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022520\
 Data File : VD065316.D
 Acq On : 25 Feb 2020 18:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 23:40:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	450426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	662687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	609370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	206691	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	7.92	113	217507	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	10.34	98	844918	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.64	95	271120	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	197375	52.245	ug/l	98
3) Chloromethane	2.21	50	234616	48.791	ug/l	97
4) Vinyl Chloride	2.35	62	236311	48.328	ug/l	99
5) Bromomethane	2.77	94	143815	48.645	ug/l	98
6) Chloroethane	2.93	64	147180	49.312	ug/l	99
7) Trichlorofluoromethane	3.27	101	350946	50.132	ug/l	96
8) Diethyl Ether	3.71	74	115204	54.518	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	224661	50.819	ug/l	99
10) Methyl Iodide	4.29	142	250762	54.631	ug/l	100
11) Tert butyl alcohol	5.24	59	63482	262.175	ug/l	97
12) 1,1-Dichloroethene	4.06	96	215414	51.582	ug/l	99
13) Acrolein	3.93	56	80140	272.873	ug/l	99
14) Allyl chloride	4.71	41	361083	53.244	ug/l	97
15) Acrylonitrile	5.43	53	255298	272.885	ug/l	99
16) Acetone	4.17	43	207539	209.524	ug/l	98
17) Carbon Disulfide	4.40	76	688620	49.184	ug/l	100
18) Methyl Acetate	4.73	43	116932	52.488	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	489268	56.182	ug/l	99
20) Methylene Chloride	4.97	84	250980	57.619	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	251951	53.070	ug/l	96
22) Diisopropyl ether	6.37	45	736422	56.329	ug/l	99
23) Vinyl Acetate	6.31	43	2054190	285.013	ug/l	100
24) 1,1-Dichloroethane	6.27	63	431223	53.178	ug/l	99
25) 2-Butanone	7.22	43	306583	244.634	ug/l	100
26) 2,2-Dichloropropane	7.21	77	354320	50.361	ug/l	99
27) cis-1,2-Dichloroethene	7.22	96	275538	54.792	ug/l	97
28) Bromochloromethane	7.56	49	171385	56.969	ug/l	99
29) Tetrahydrofuran	7.57	42	204930	279.083	ug/l	98
30) Chloroform	7.71	83	431083	52.767	ug/l	100
31) Cyclohexane	7.98	56	389221	48.852	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	377120	51.593	ug/l	99
36) 1,1-Dichloropropene	8.11	75	339511	52.654	ug/l	99
37) Ethyl Acetate	7.30	43	144871	53.745	ug/l	99
38) Carbon Tetrachloride	8.10	117	341344	52.003	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	408262	53.857	ug/l	97
40) Benzene	8.36	78	993954	54.613	ug/l	100
41) Methacrylonitrile	7.53	41	76688	49.273	ug/l	96
42) 1,2-Dichloroethane	8.43	62	265280	53.019	ug/l	99
43) Isopropyl Acetate	8.46	43	269092	54.897	ug/l	100
44) Trichloroethene	9.11	130	271959	53.907	ug/l	99
45) 1,2-Dichloropropane	9.40	63	253105	55.928	ug/l	100
46) Dibromomethane	9.48	93	129033	55.415	ug/l	98
47) Bromodichloromethane	9.67	83	333144	54.290	ug/l	99
48) Methyl methacrylate	9.46	41	127987	56.488	ug/l	97
49) 1,4-Dioxane	9.47	88	30599	1120.438	ug/l	97
51) 4-Methyl-2-Pentanone	10.24	43	701933	281.938	ug/l	99
52) Toluene	10.41	92	638670	56.693	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	316515	55.647	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	386223	56.232	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	181119	55.263	ug/l	97
56) Ethyl methacrylate	10.67	69	225204	59.533	ug/l	98
57) 1,3-Dichloropropane	10.96	76	309560	55.496	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	308174	258.402	ug/l	99
59) 2-Hexanone	10.99	43	484696	271.963	ug/l	97
60) Dibromochloromethane	11.15	129	234380	55.874	ug/l	100
61) 1,2-Dibromoethane	11.25	107	173098	55.783	ug/l	100
64) Tetrachloroethene	10.88	164	228574	52.888	ug/l	96
65) Chlorobenzene	11.68	112	664527	54.342	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	248324	54.417	ug/l	99
67) Ethyl Benzene	11.75	91	1187674	55.455	ug/l	100
68) m/p-Xylenes	11.86	106	919520	112.219	ug/l	98
69) o-Xylene	12.19	106	421554	58.070	ug/l	97
70) Styrene	12.20	104	733910	56.942	ug/l	99
71) Bromoform	12.37	173	138399	54.655	ug/l #	99
73) Isopropylbenzene	12.48	105	1120207	55.349	ug/l	99
74) N-amyl acetate	12.30	43	247423	55.017	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	192174	52.612	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	253720	97.547	ug/l #	100
77) Bromobenzene	12.77	156	274660	54.651	ug/l	99
78) n-propylbenzene	12.83	91	1340158	55.102	ug/l	99
79) 2-Chlorotoluene	12.91	91	746150	54.763	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	926429	55.577	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	62195	51.630	ug/l	97
82) 4-Chlorotoluene	13.01	91	784202	54.214	ug/l	99
83) tert-Butylbenzene	13.23	119	773878	55.392	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	927357	55.581	ug/l	100
85) sec-Butylbenzene	13.41	105	1095806	54.432	ug/l	100
86) p-Isopropyltoluene	13.53	119	1016285	55.202	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	521693	53.696	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	511657	53.359	ug/l	100
89) n-Butylbenzene	13.86	91	940061	55.413	ug/l	99
90) Hexachloroethane	14.12	117	199199	53.289	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	449998	53.942	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	29999	53.294	ug/l	96

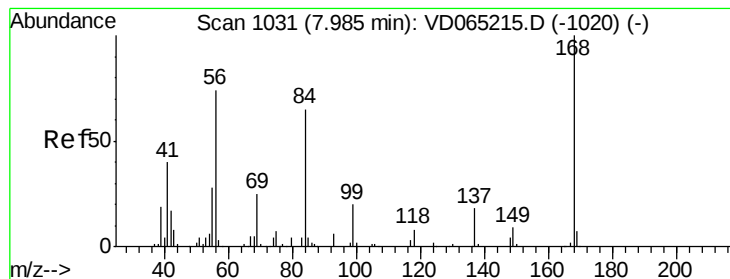
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	309115	56.648	ug/l	97
94) Hexachlorobutadiene	15.28	225	184812	52.797	ug/l	99
95) Naphthalene	15.41	128	526050	59.300	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	272876	57.257	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

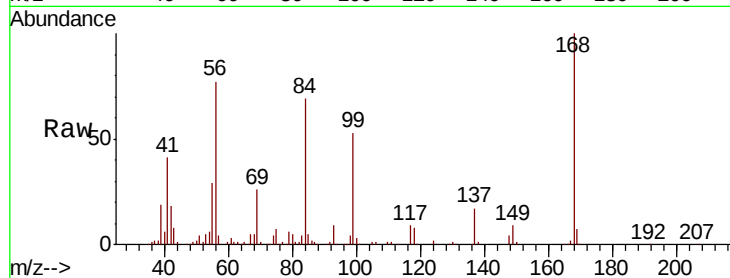
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 450426

Ion Ratio Lower Upper

168 100

99 52.6 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

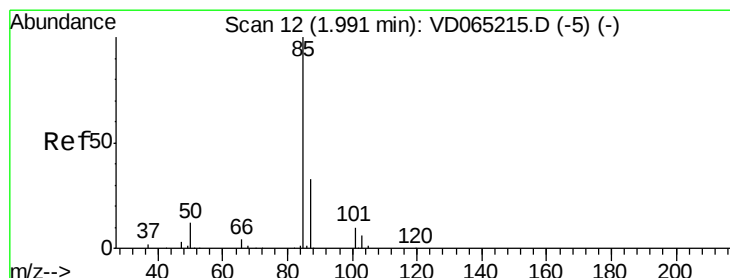
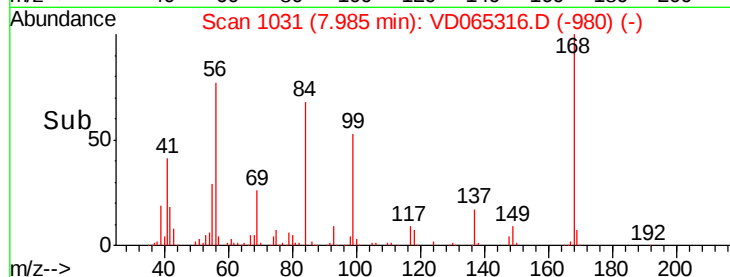
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.245 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065316.D

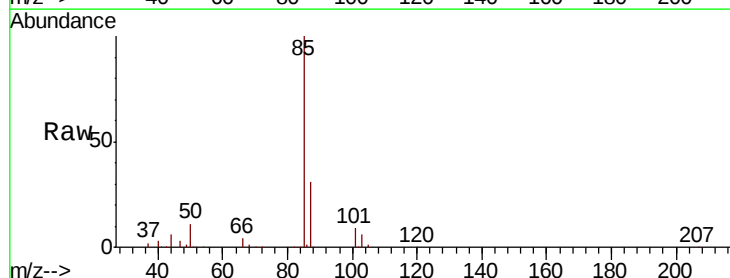
Acq: 25 Feb 2020 18:51

Tgt Ion: 85 Resp: 197375

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

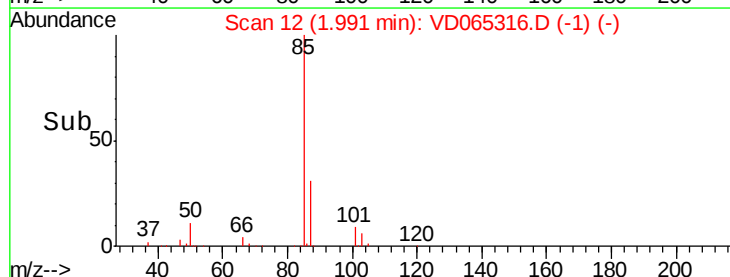
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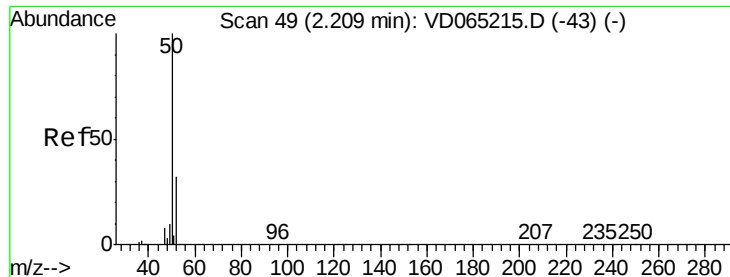
50000

0

1.90 2.00 2.10

Time-->

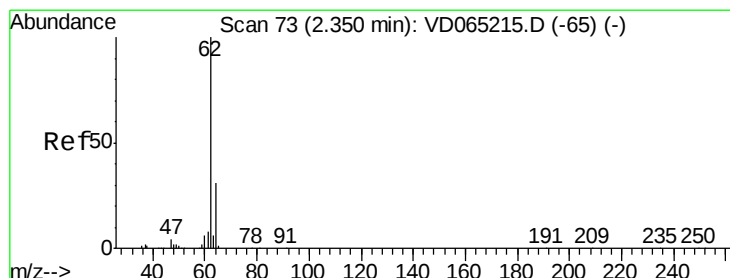
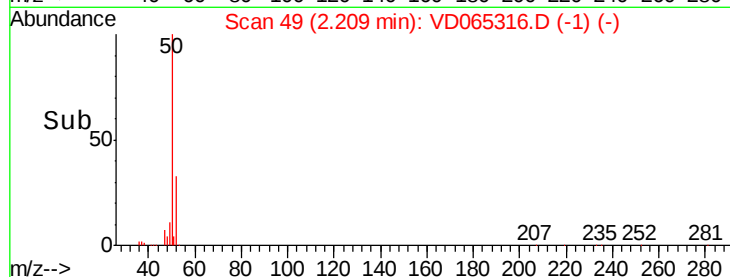
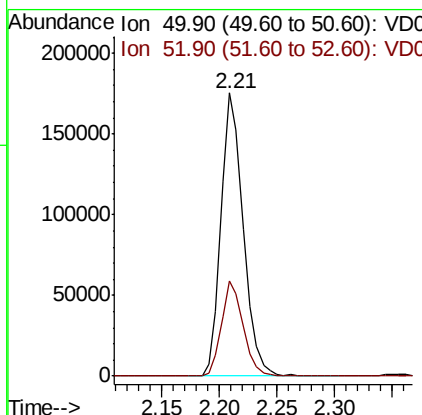
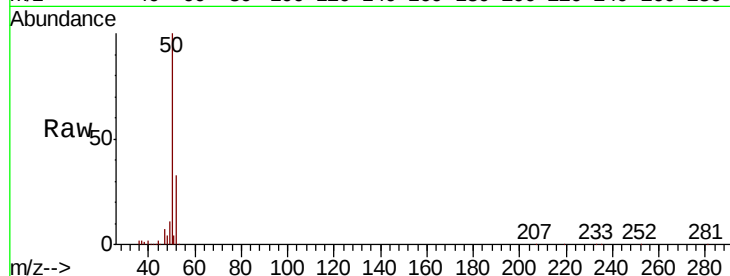




#3
Chloromethane
Concen: 48.791 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

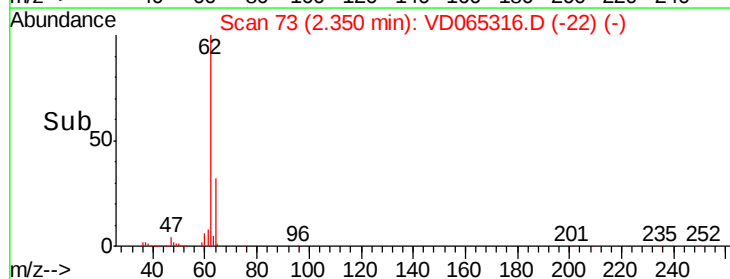
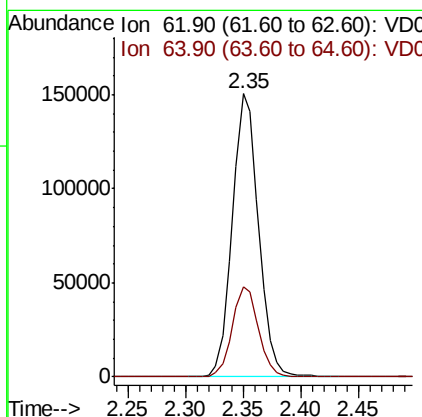
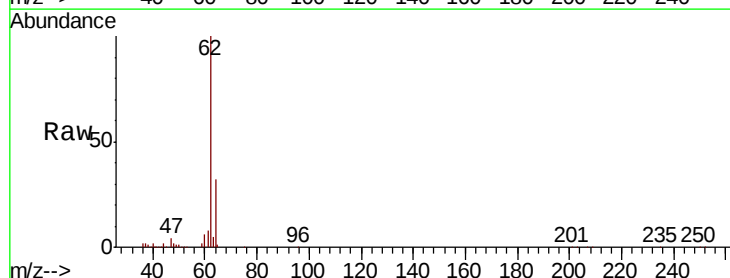
Instrument :
MSVOA_D
ClientSampleId :

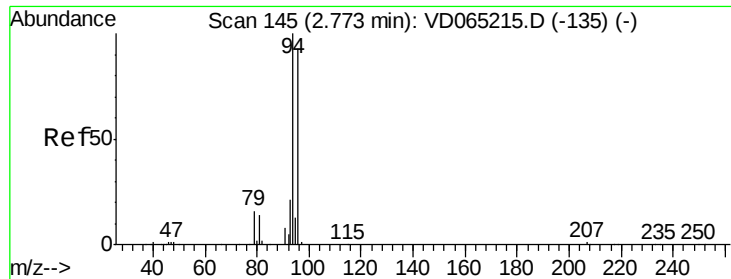
Tot Ion: 50 Resp: 234616
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3



#4
Vinyl Chloride
Concen: 48.328 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 62 Resp: 236311
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6





#5

Bromomethane

Concen: 48.645 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

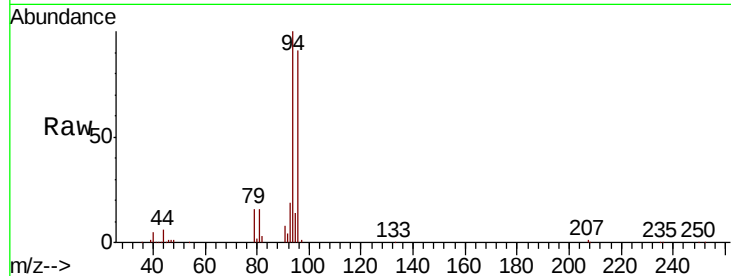
ClientSampleId :

Tot Ion: 94 Resp: 143815

Ion Ratio Lower Upper

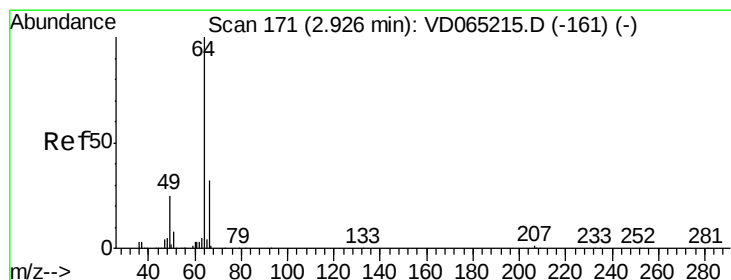
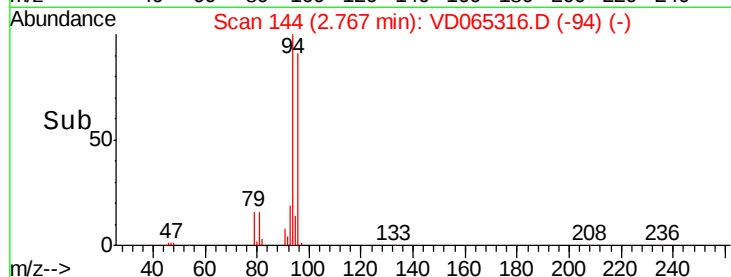
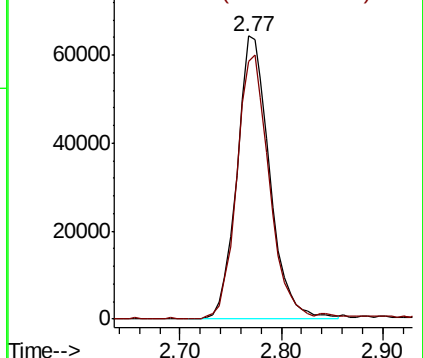
94 100

96 90.9 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.312 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065316.D

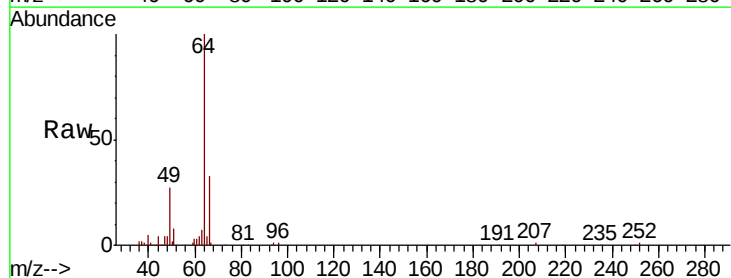
Acq: 25 Feb 2020 18:51

Tgt Ion: 64 Resp: 147180

Ion Ratio Lower Upper

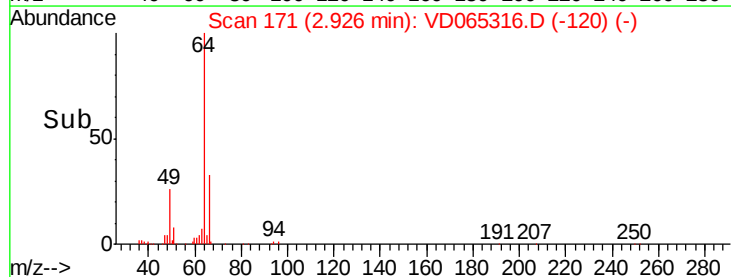
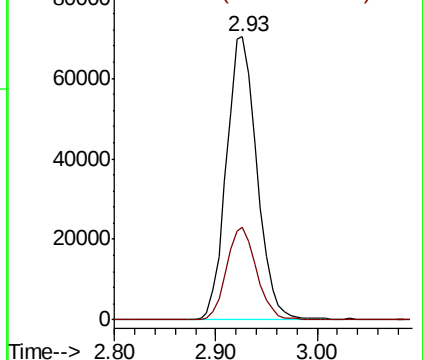
64 100

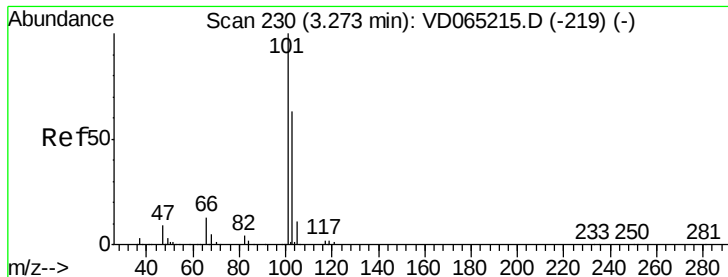
66 32.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



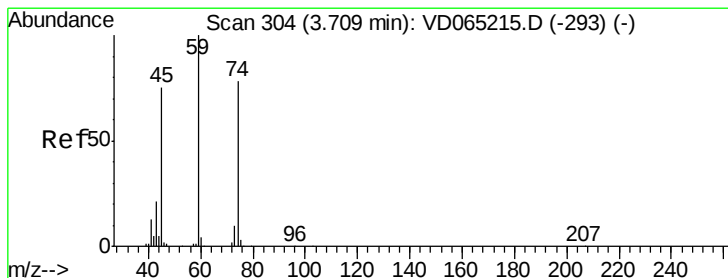
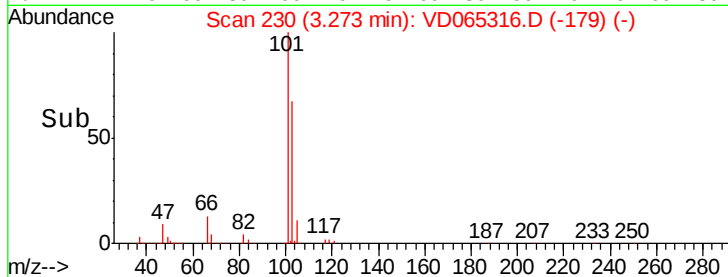
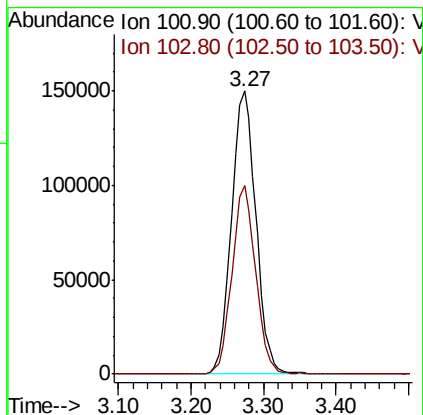
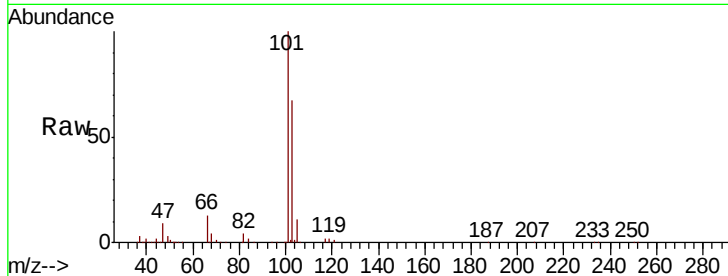


#7

Trichlorofluoromethane
 Concen: 50.132 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Instrument :
 MSVOA_D
 ClientSampleId :

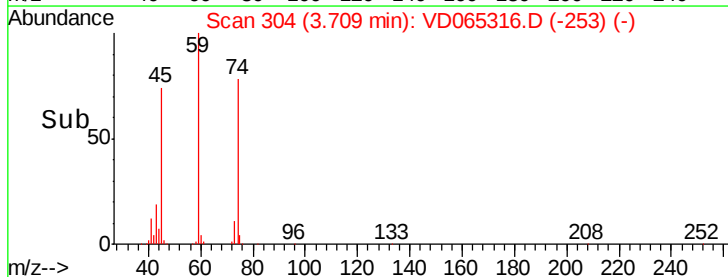
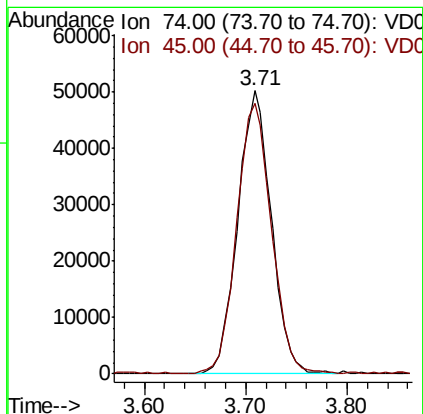
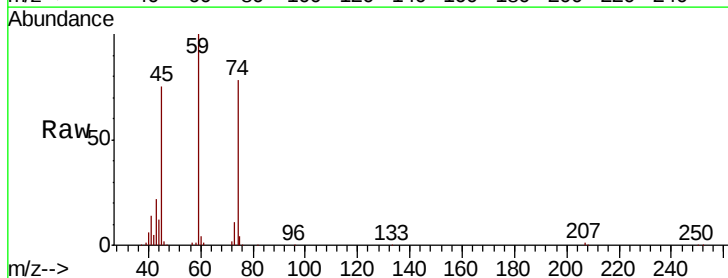
Tot Ion:101 Resp: 350946
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.7 76.1

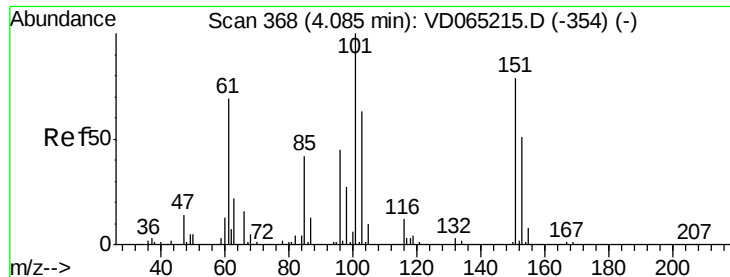


#8

Diethyl Ether
 Concen: 54.518 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion: 74 Resp: 115204
 Ion Ratio Lower Upper
 74 100
 45 99.1 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.819 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

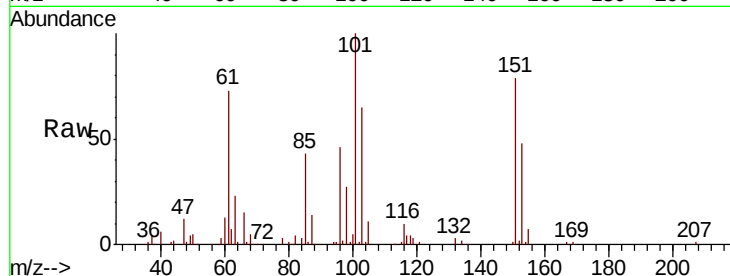
Tot Ion:101 Resp: 224661

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.2

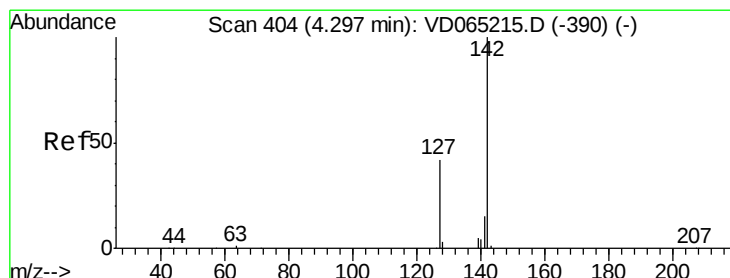
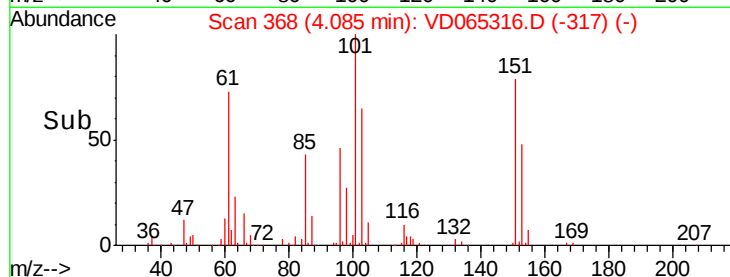
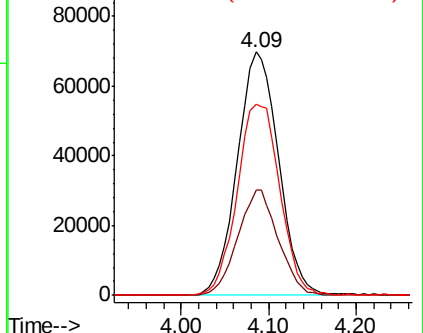
151 81.0 63.5 95.3



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: 54.631 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

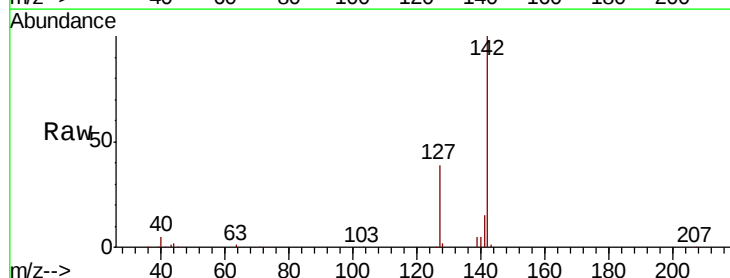
Tgt Ion:142 Resp: 250762

Ion Ratio Lower Upper

142 100

127 42.1 33.8 50.8

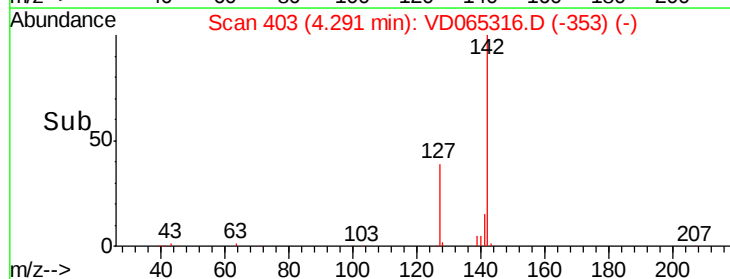
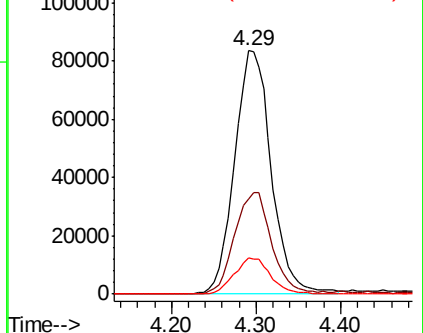
141 14.5 11.7 17.5

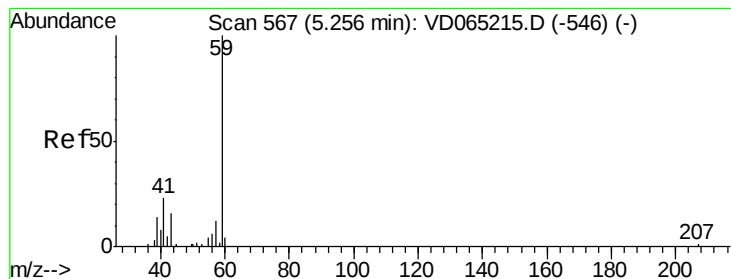


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 262.175 ug/l

RT: 5.24 min Scan# 565

Delta R.T. -0.01 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

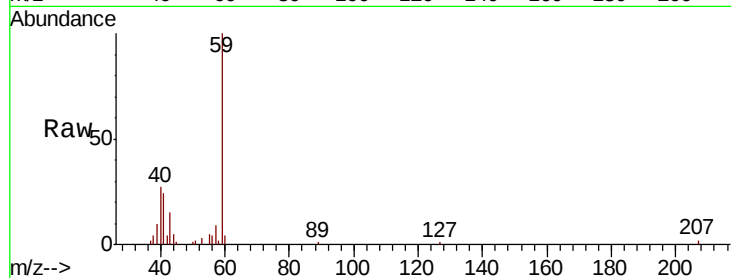
ClientSampleId :

Tot Ion: 59 Resp: 63482

Ion Ratio Lower Upper

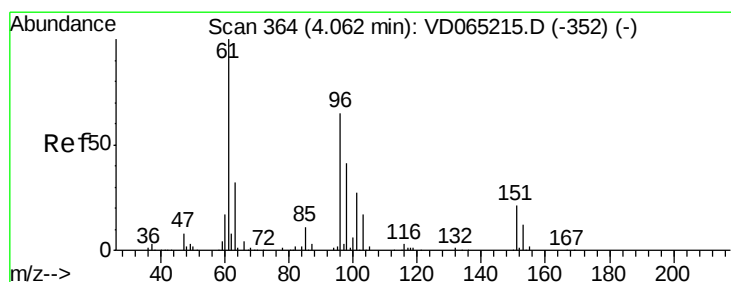
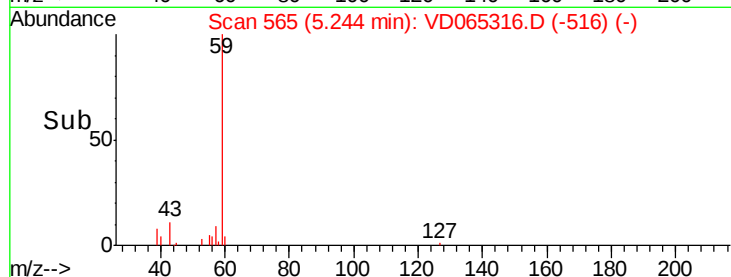
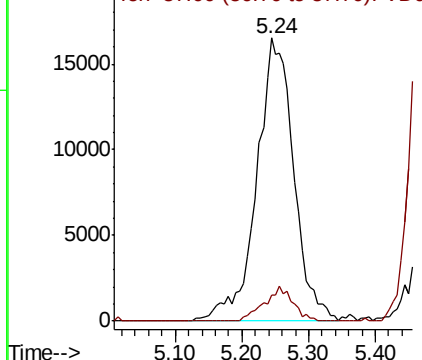
59 100

57 9.5 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 51.582 ug/l

RT: 4.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

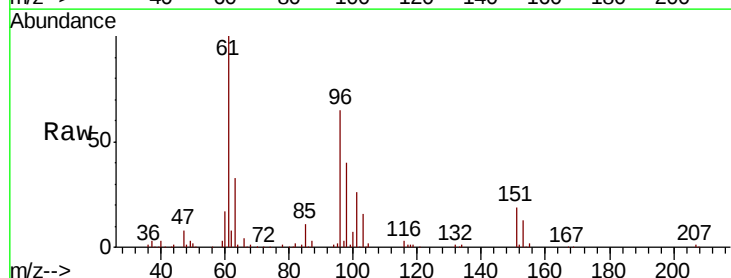
Tgt Ion: 96 Resp: 215414

Ion Ratio Lower Upper

96 100

61 153.5 123.3 184.9

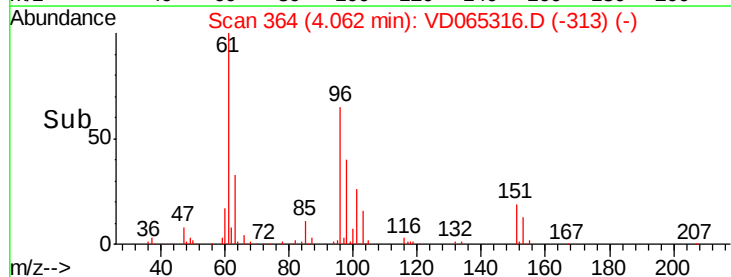
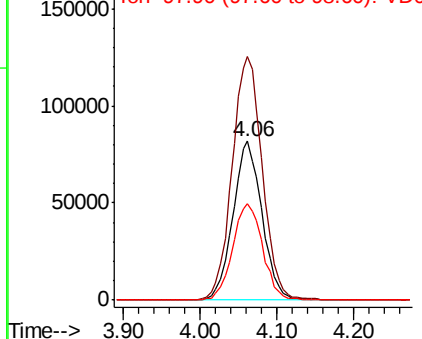
98 60.8 51.0 76.4

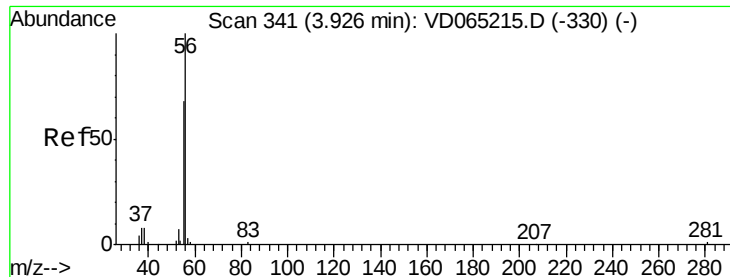


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

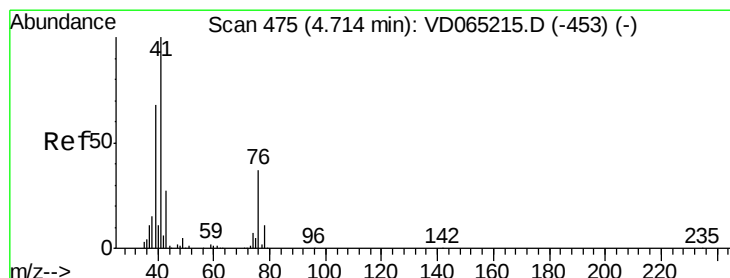
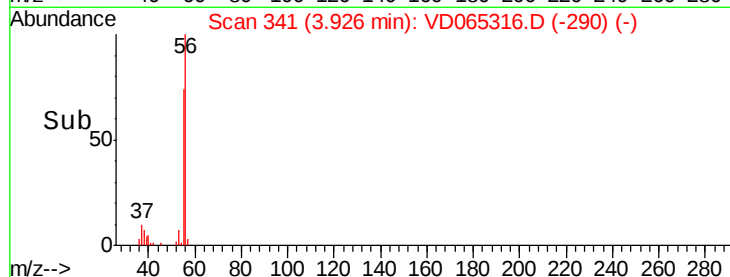
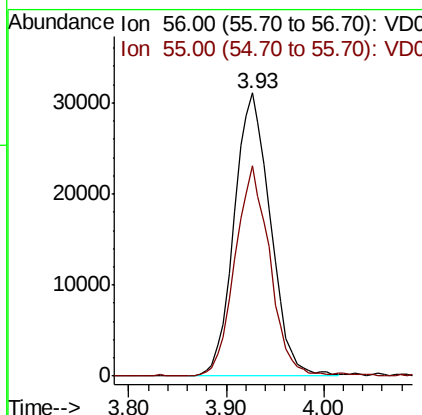
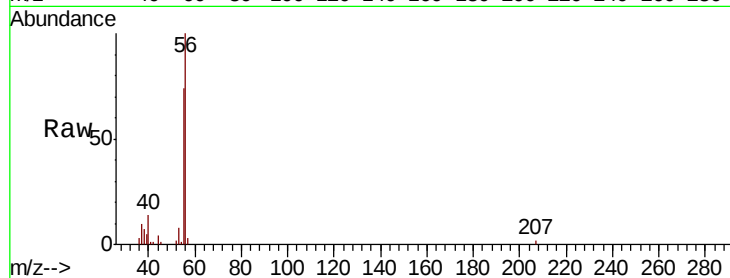




#13
 Acrolein
 Concen: 272.873 ug/l
 RT: 3.93 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

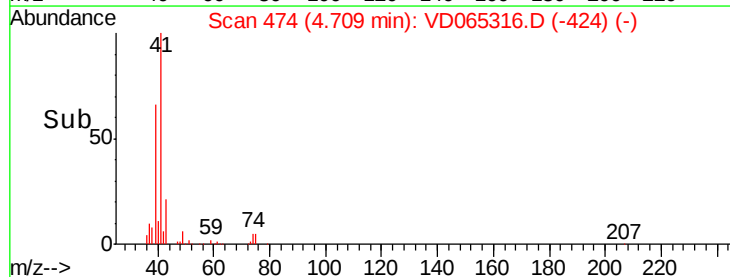
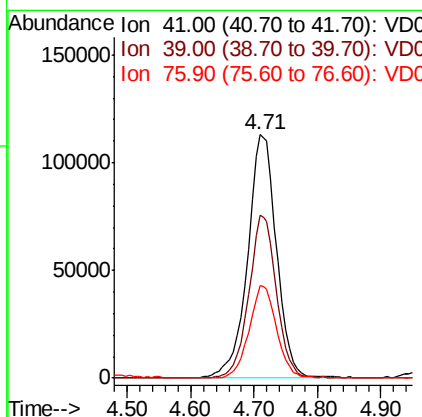
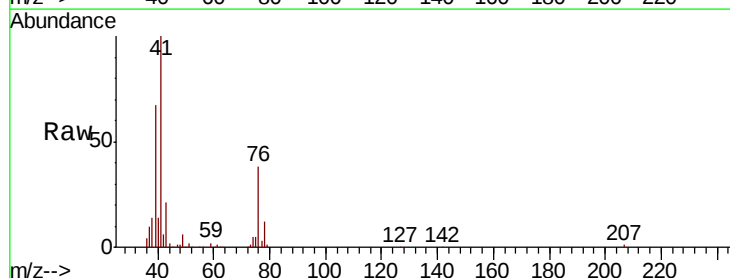
Instrument :
 MSVOA_D
 ClientSampleId :

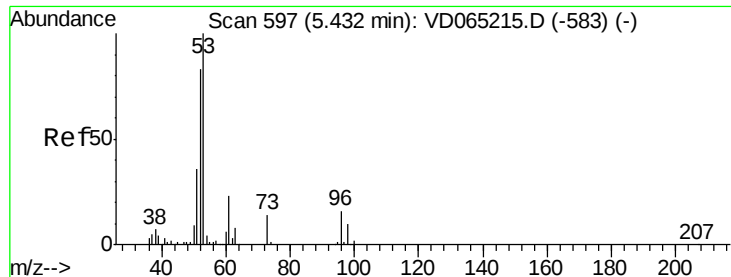
Tot Ion: 56 Resp: 80140
 Ion Ratio Lower Upper
 56 100
 55 71.5 56.6 85.0



#14
 Allyl chloride
 Concen: 53.244 ug/l
 RT: 4.71 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion: 41 Resp: 361083
 Ion Ratio Lower Upper
 41 100
 39 63.9 53.8 80.6
 76 35.7 28.7 43.1





#15

Acrylonitrile

Concen: 272.885 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

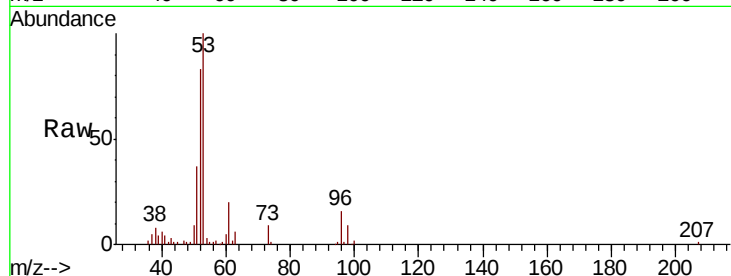
Tot Ion: 53 Resp: 255298

Ion Ratio Lower Upper

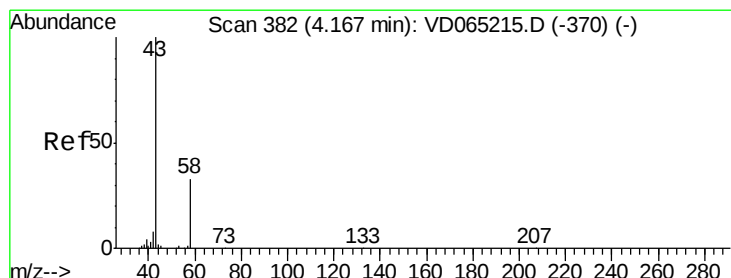
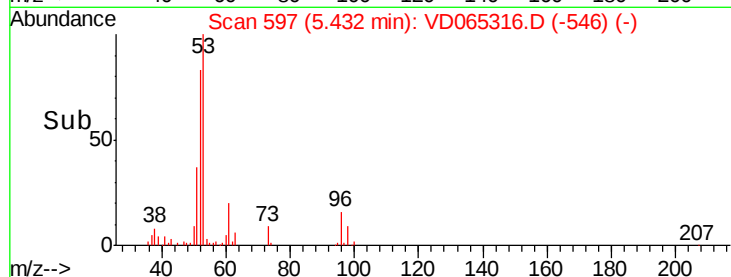
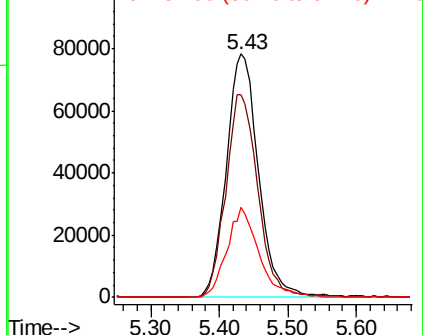
53 100

52 82.2 65.4 98.2

51 36.5 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 209.524 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065316.D

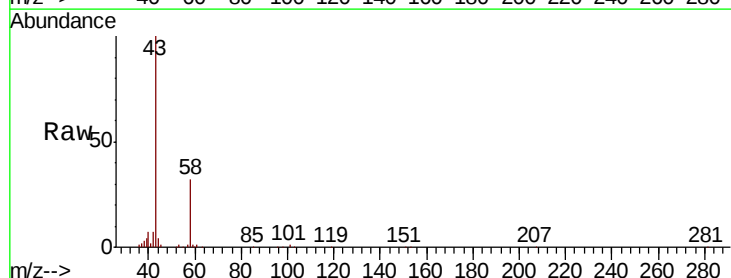
Acq: 25 Feb 2020 18:51

Tgt Ion: 43 Resp: 207539

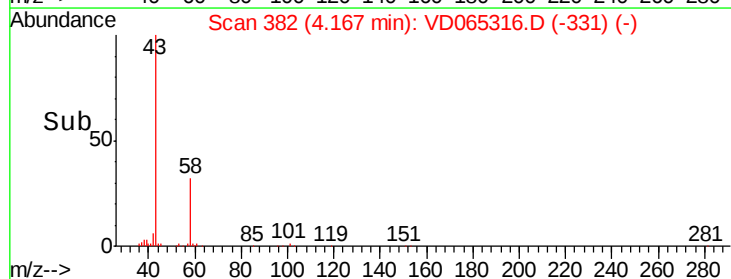
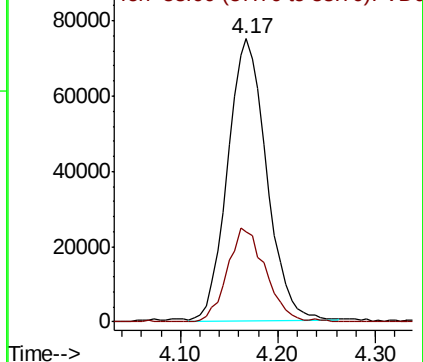
Ion Ratio Lower Upper

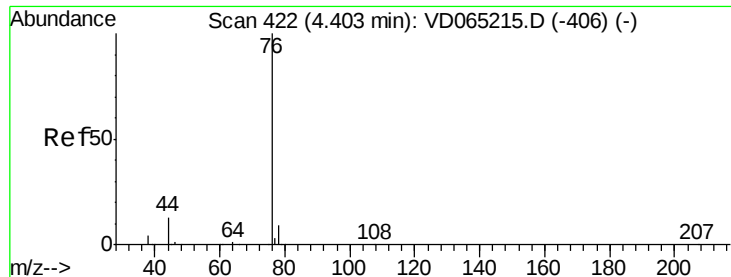
43 100

58 31.6 26.2 39.2



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





#17

Carbon Disulfide

Concen: 49.184 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

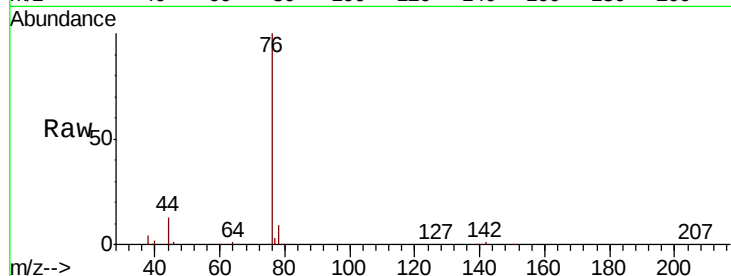
ClientSampleId :

Tot Ion: 76 Resp: 688620

Ion Ratio Lower Upper

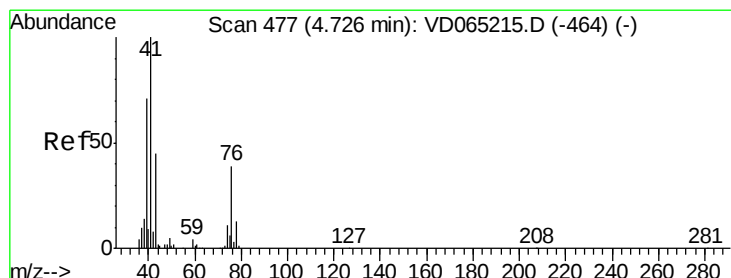
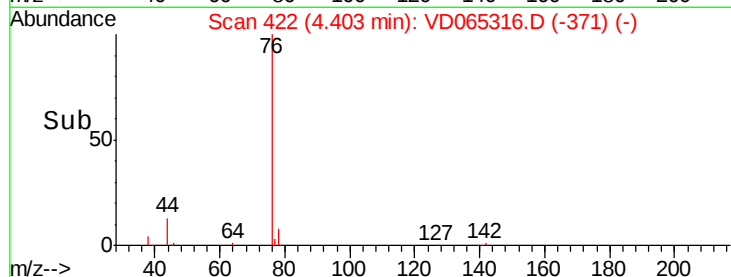
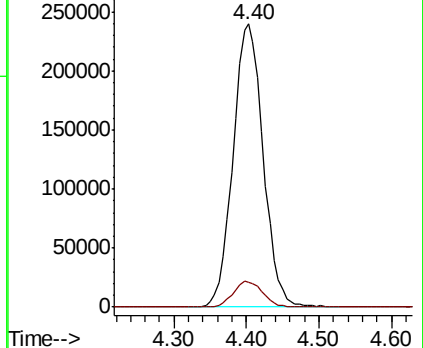
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 52.488 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD065316.D

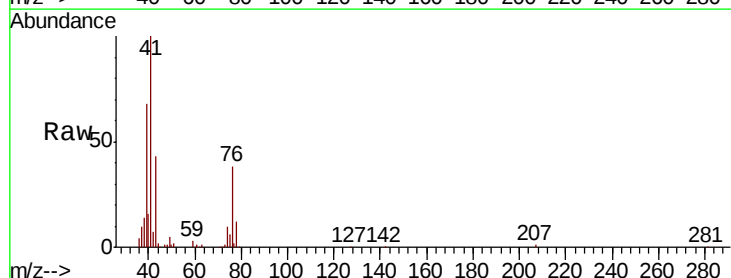
Acq: 25 Feb 2020 18:51

Tgt Ion: 43 Resp: 116932

Ion Ratio Lower Upper

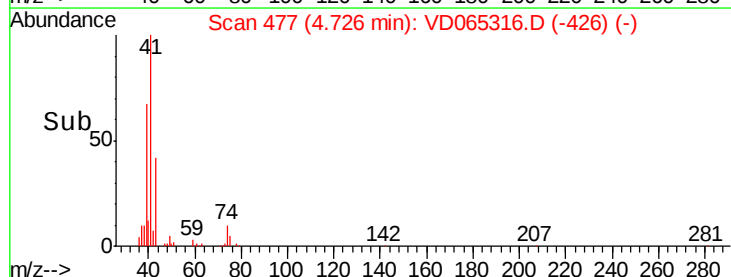
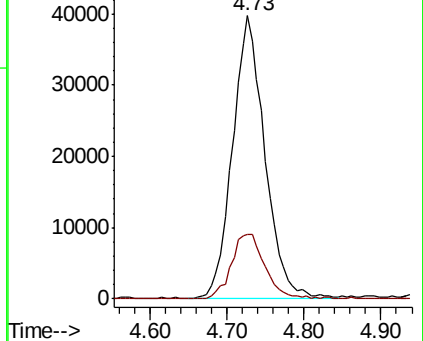
43 100

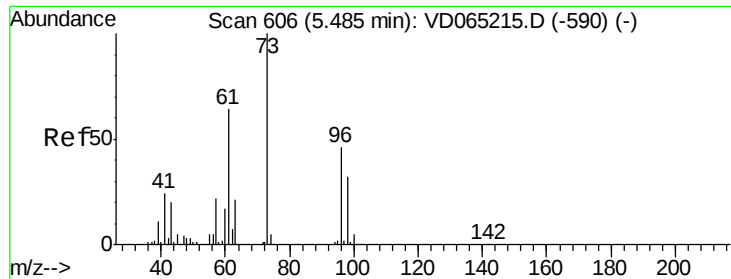
74 23.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

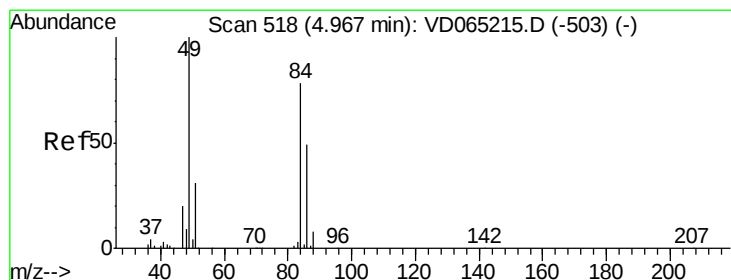
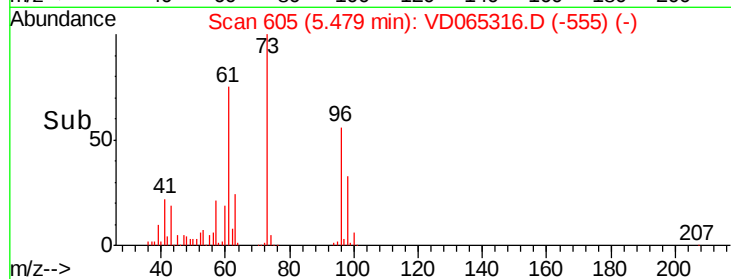
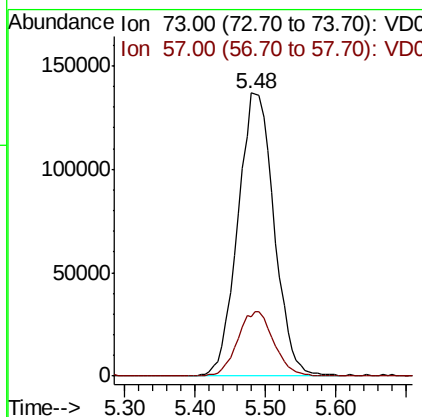
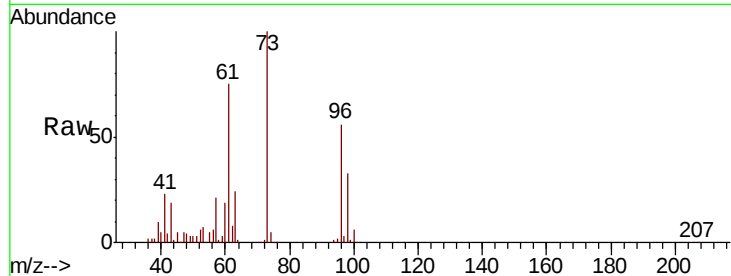




#19
Methyl tert-butyl Ether
Concen: 56.182 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

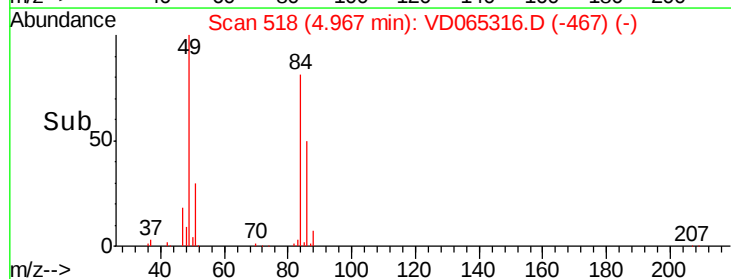
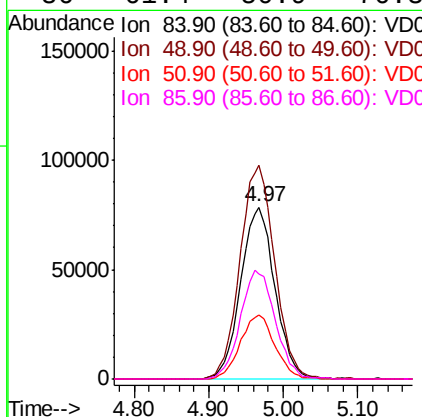
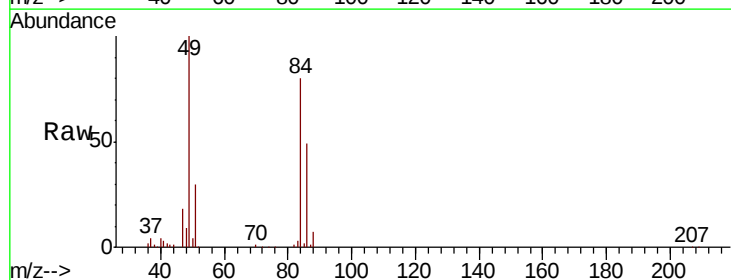
Instrument :
MSVOA_D
ClientSampled :

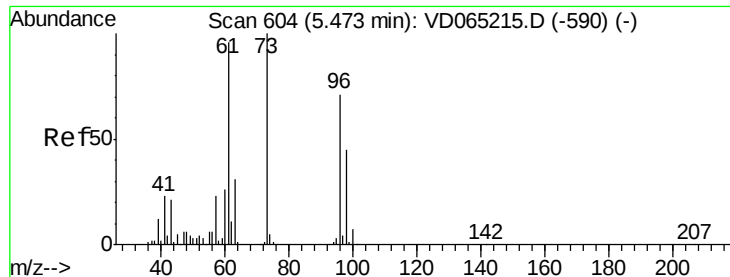
Tot Ion: 73 Resp: 489268
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 57.619 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 84 Resp: 250980
Ion Ratio Lower Upper
84 100
49 124.4 103.1 154.7
51 37.6 31.7 47.5
86 61.4 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 53.070 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

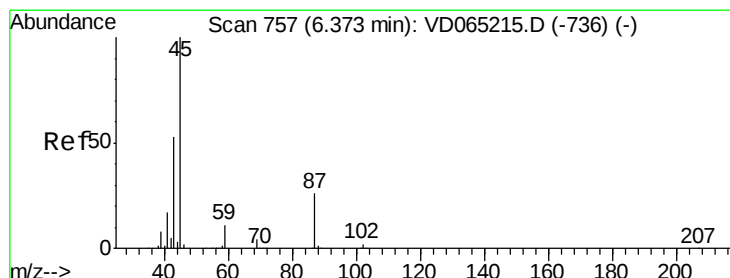
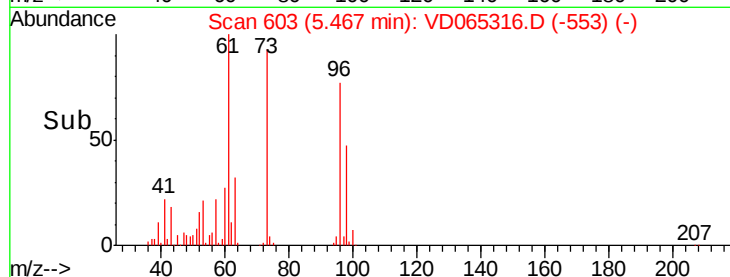
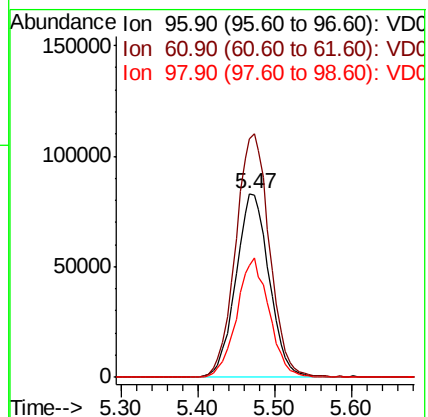
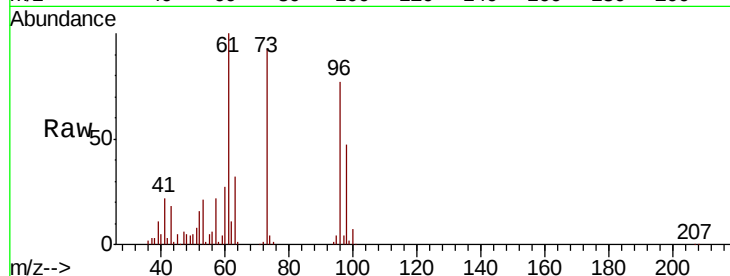
Tot Ion: 96 Resp: 251951

Ion Ratio Lower Upper

96 100

61 130.1 108.3 162.5

98 60.9 50.7 76.1



#22

Diisopropyl ether

Concen: 56.329 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Tgt Ion: 45 Resp: 736422

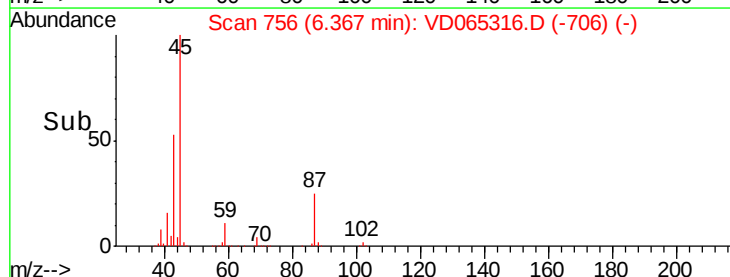
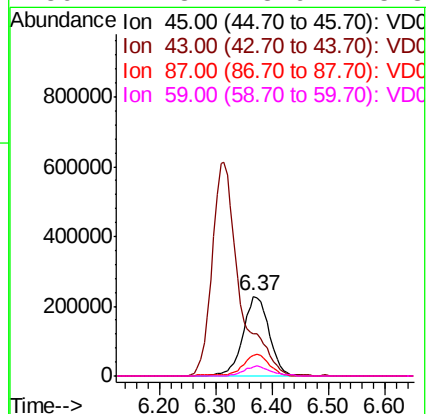
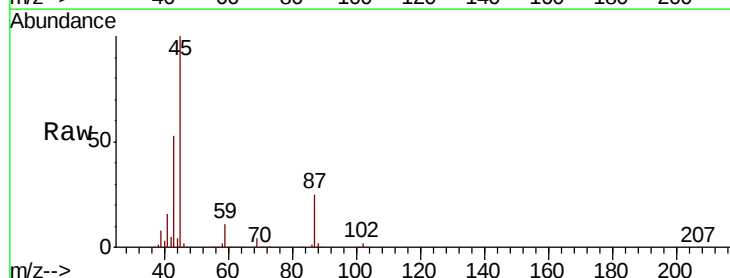
Ion Ratio Lower Upper

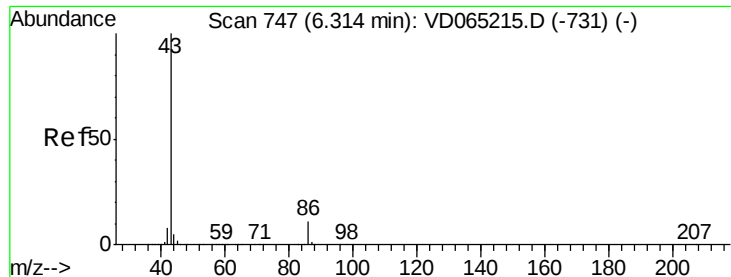
45 100

43 52.6 42.6 64.0

87 25.1 21.2 31.8

59 11.3 8.9 13.3





#23

Vinyl Acetate

Concen: 285.013 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

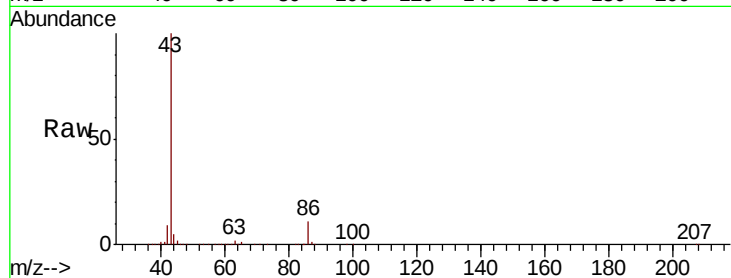
ClientSampleId :

Tot Ion: 43 Resp: 2054190

Ion Ratio Lower Upper

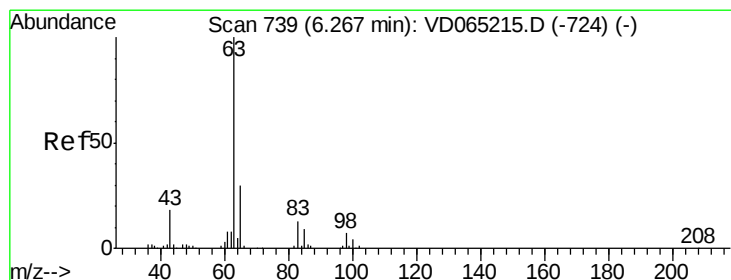
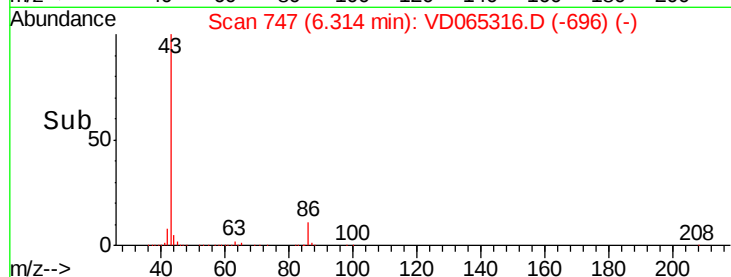
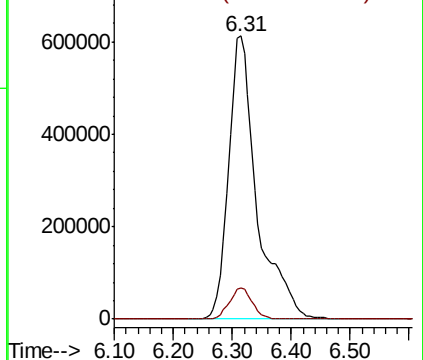
43 100

86 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.178 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

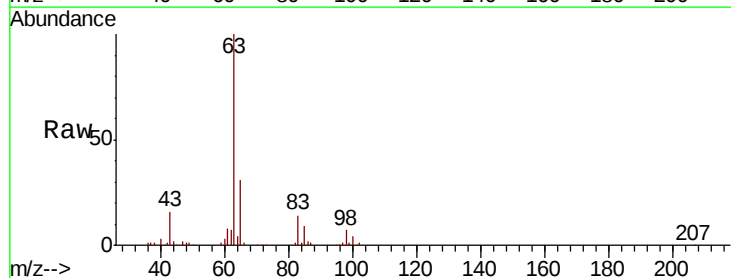
Tgt Ion: 63 Resp: 431223

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

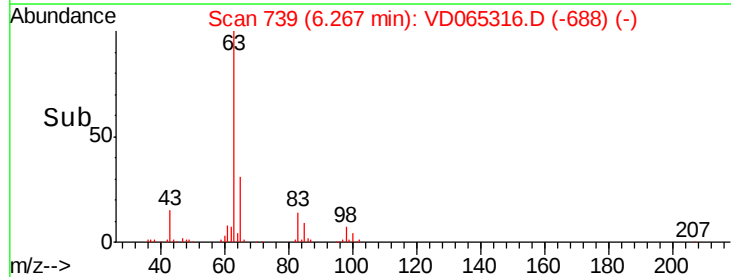
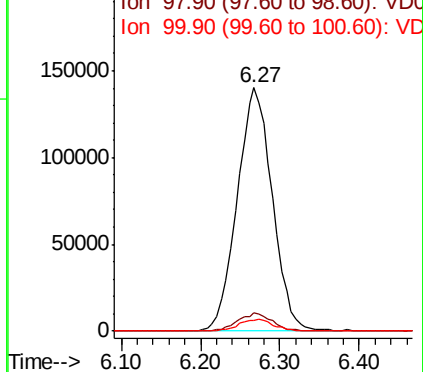
100 4.4 2.3 6.8

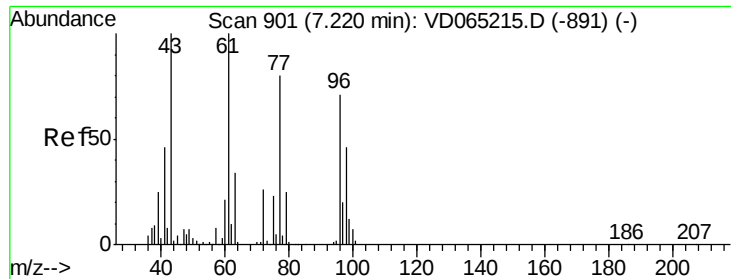


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 244.634 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

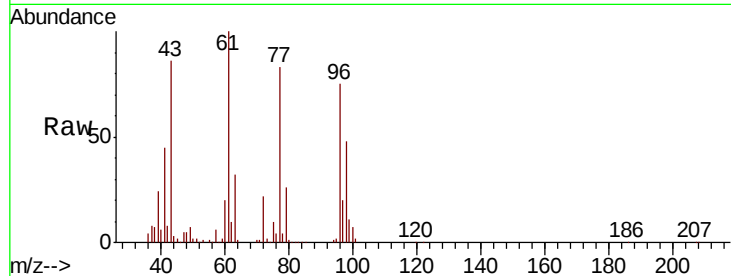
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 306583

Ion Ratio Lower Upper

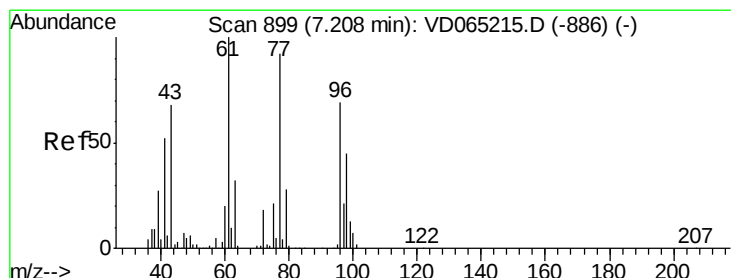
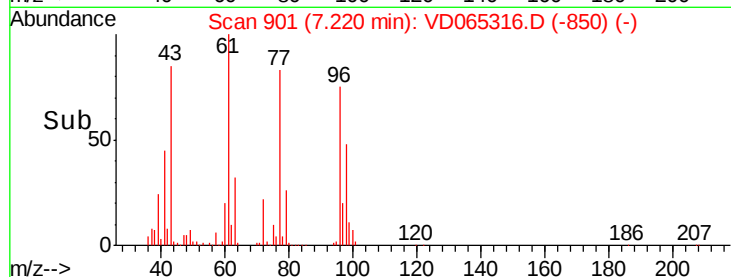
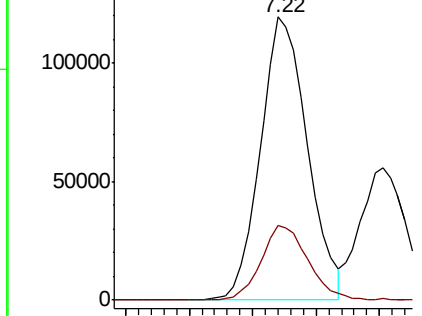
43 100

72 26.3 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.361 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065316.D

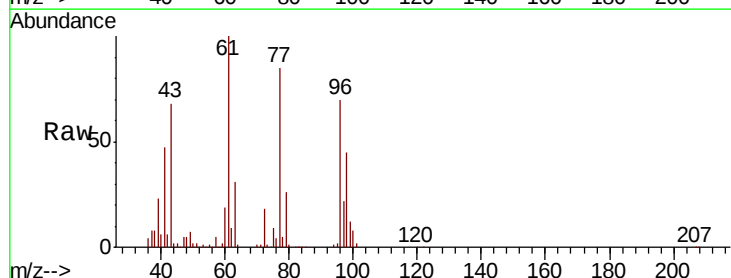
Acq: 25 Feb 2020 18:51

Tgt Ion: 77 Resp: 354320

Ion Ratio Lower Upper

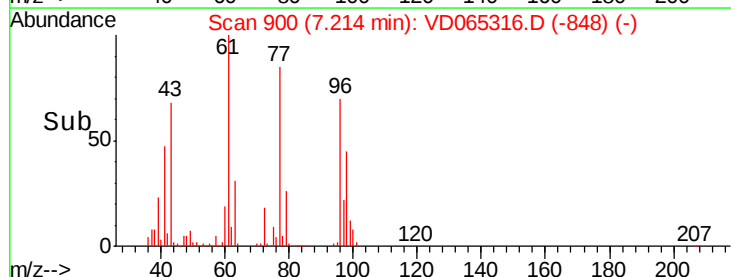
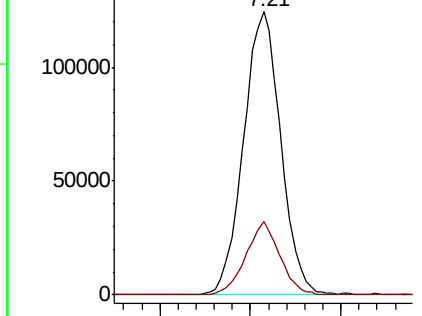
77 100

97 23.7 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



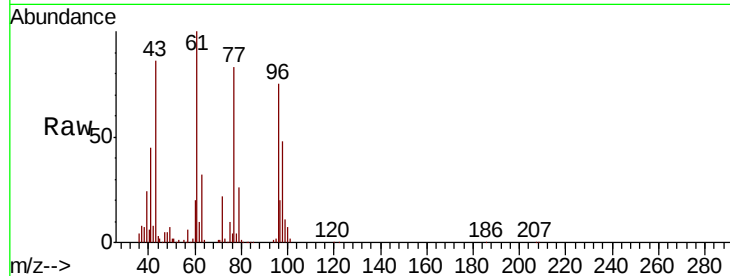


#27

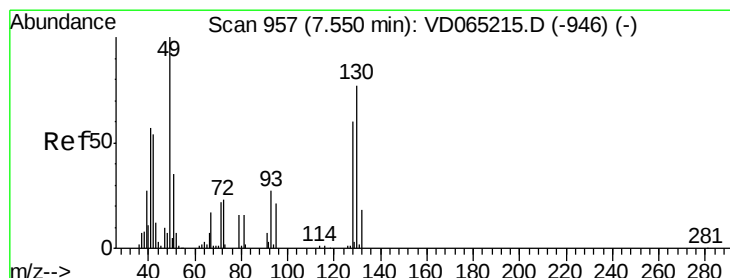
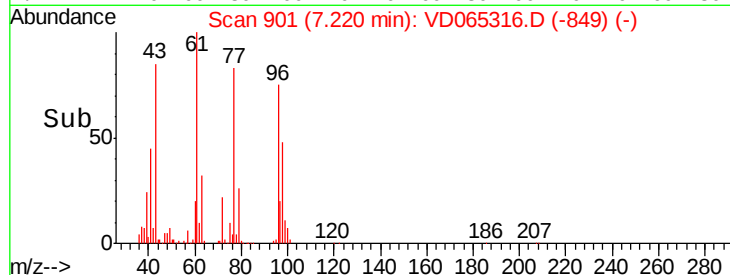
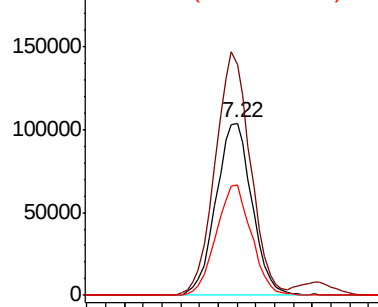
cis-1,2-Dichloroethene
Concen: 54.792 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 96 Resp: 275538
Ion Ratio Lower Upper
96 100
61 138.4 0.0 286.0
98 63.1 0.0 127.8



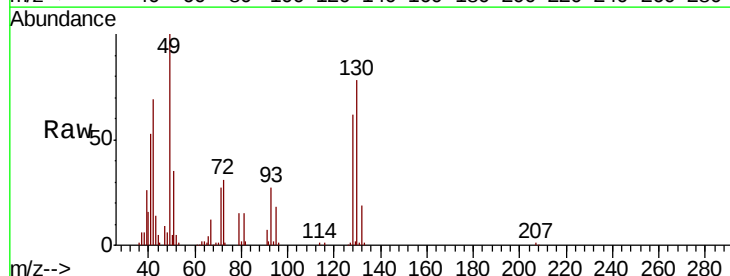
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



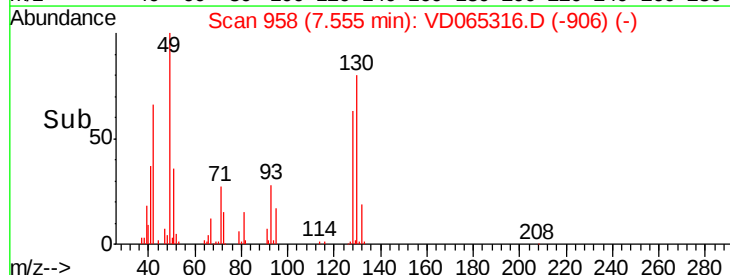
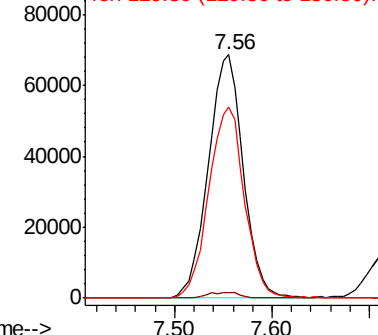
#28

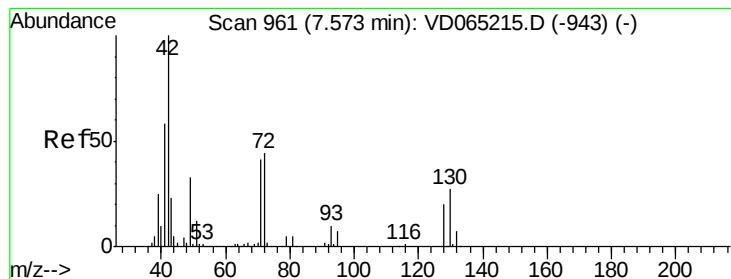
Bromochloromethane
Concen: 56.969 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.01 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 49 Resp: 171385
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 80.0 64.7 97.1



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: 279.083 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.00 min

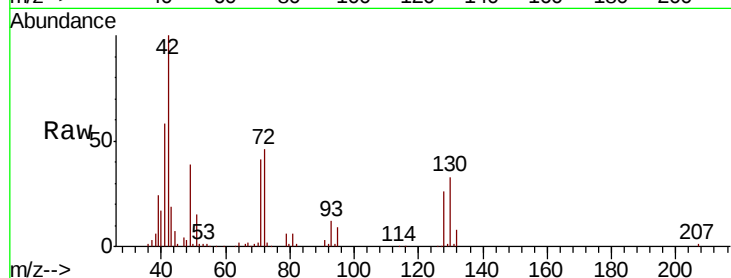
Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 204930

Ion	Ratio	Lower	Upper
42	100		
72	43.4	33.7	50.5
71	40.6	31.4	47.2

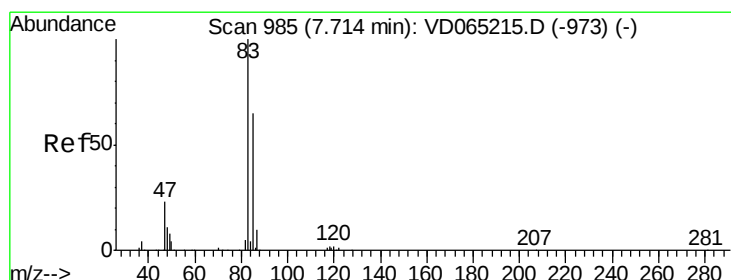
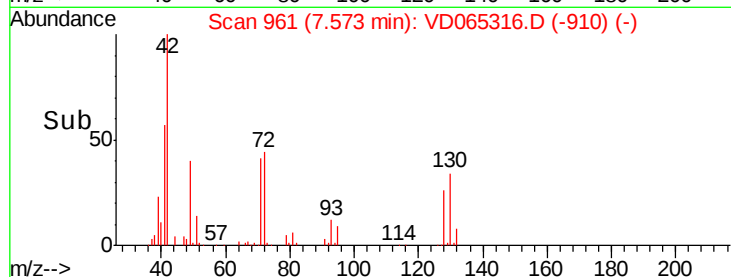
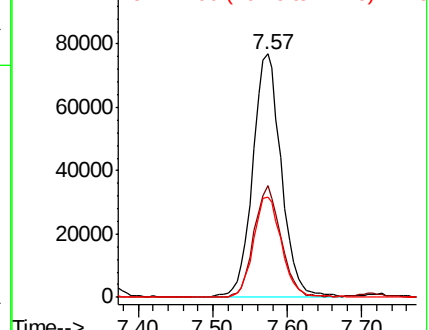


Abundance

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: 52.767 ug/l

RT: 7.71 min Scan# 985

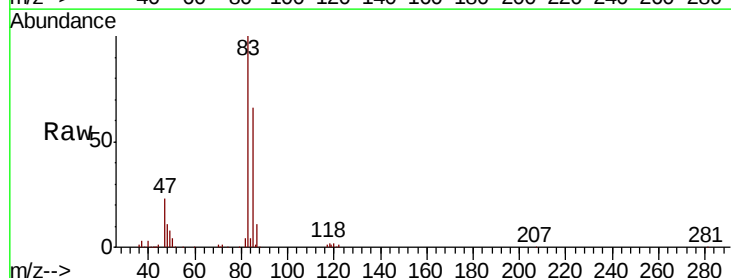
Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Tgt Ion: 83 Resp: 431083

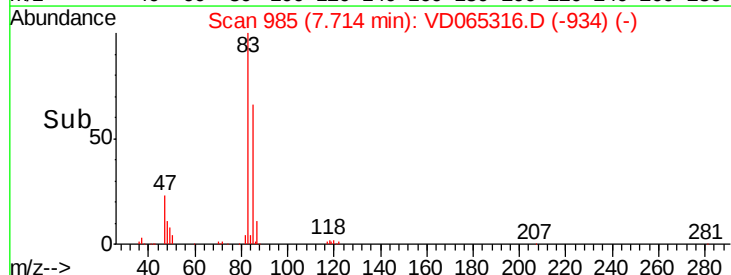
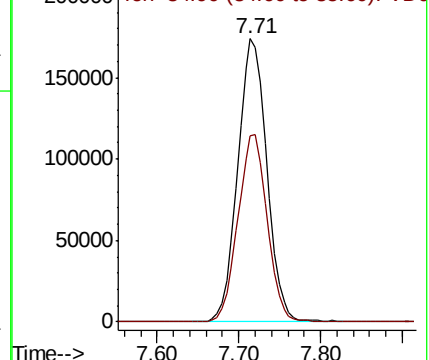
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.3	78.5

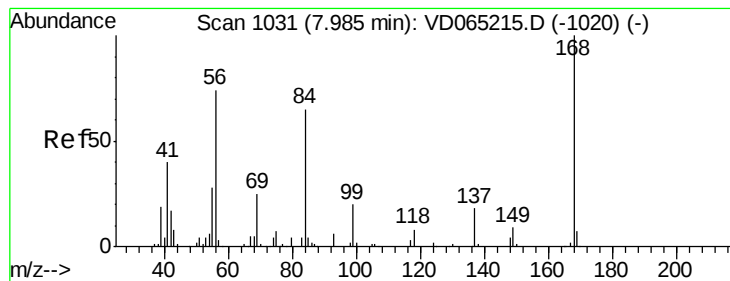


Abundance

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 48.852 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :
MSVOA_D
ClientSampled :

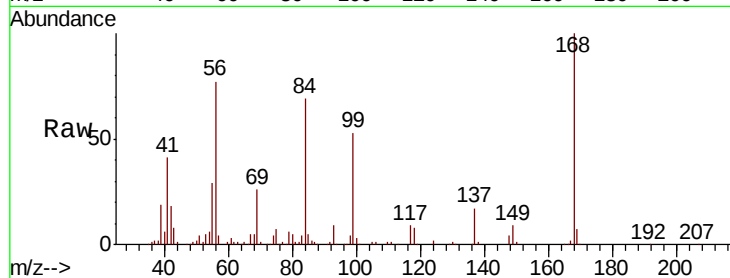
Tot Ion: 56 Resp: 389221

Ion Ratio Lower Upper

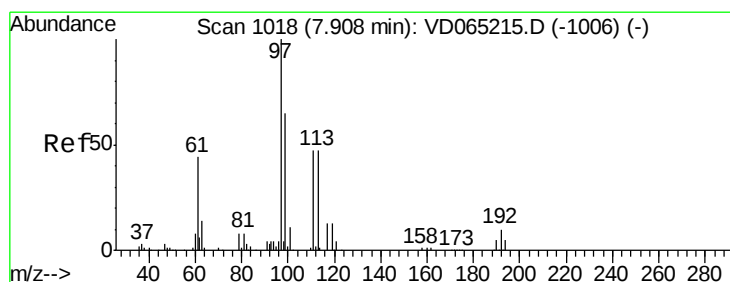
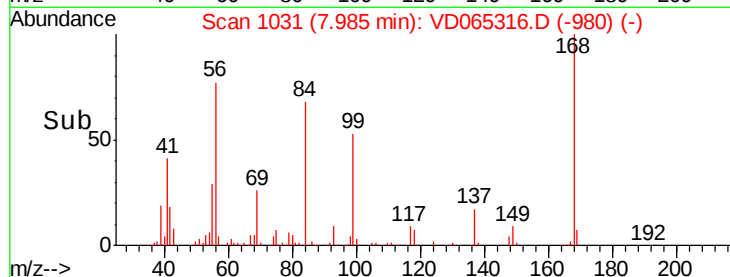
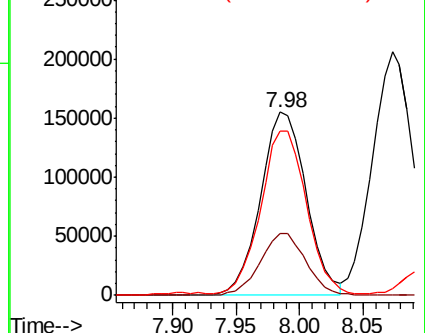
56 100

69 33.6 27.4 41.0

84 88.5 71.1 106.7



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



#32

1,1,1-Trichloroethane

Concen: 51.593 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

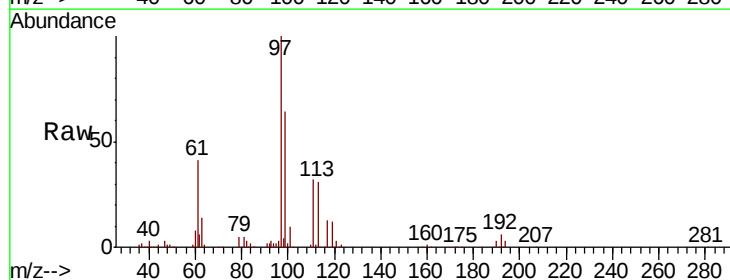
Tgt Ion: 97 Resp: 377120

Ion Ratio Lower Upper

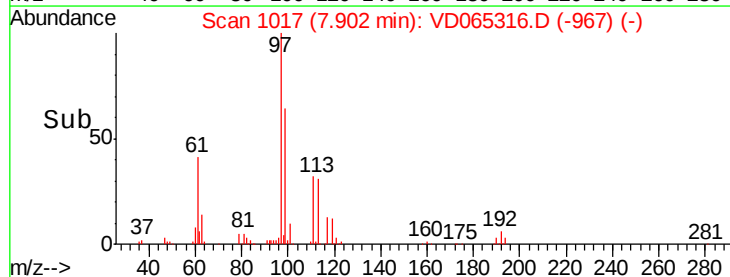
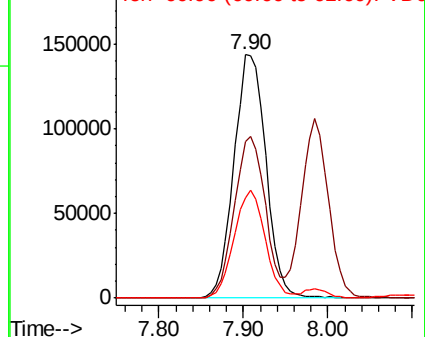
97 100

99 65.0 51.4 77.2

61 42.9 34.8 52.2



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





#33

1,2-Dichloroethane-d4

Concen: 51.009 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

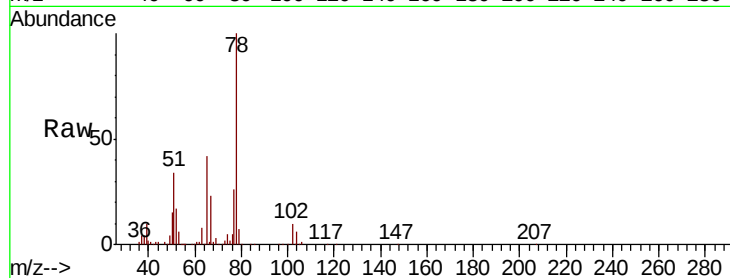
ClientSampleId :

Tot Ion: 65 Resp: 206691

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

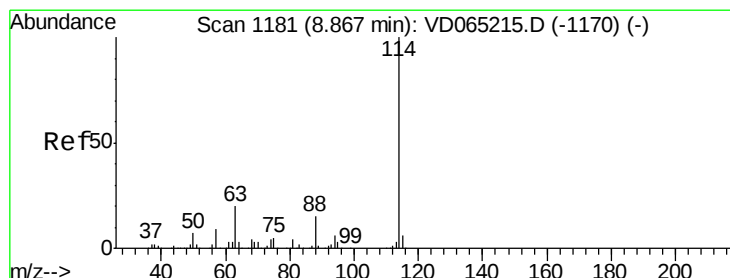
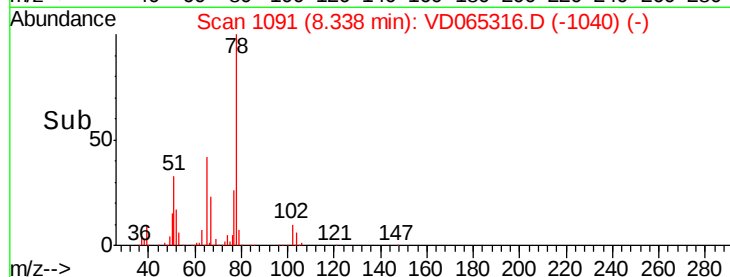
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

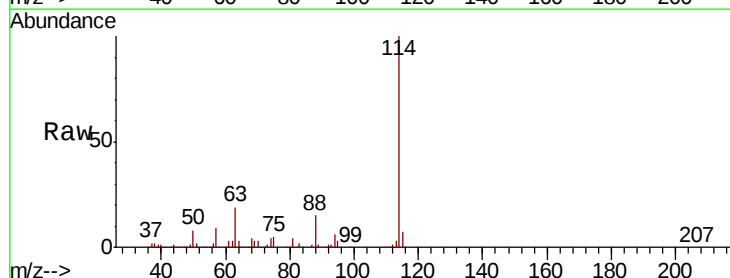
Tgt Ion: 114 Resp: 662687

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

88 14.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

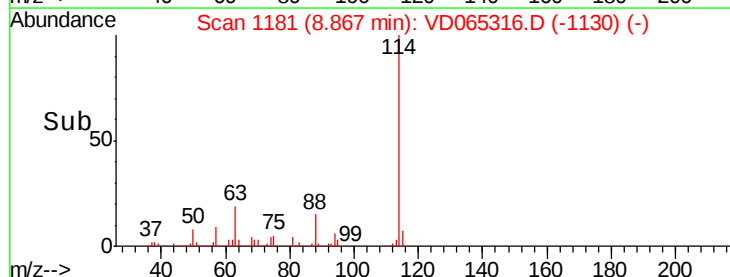
300000

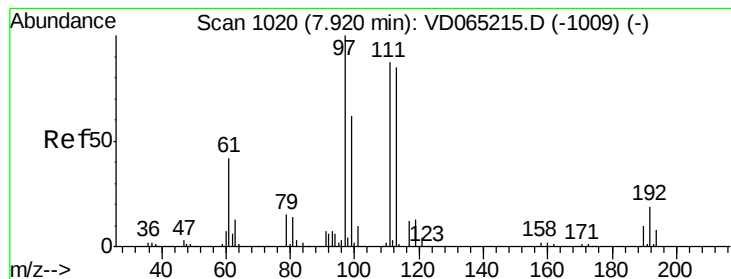
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 53.829 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

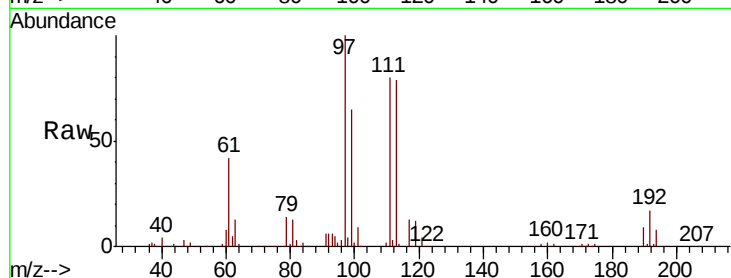
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:113 Resp: 217507

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	22.2	17.3	25.9

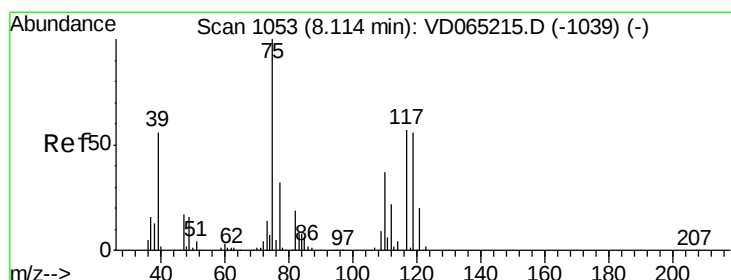
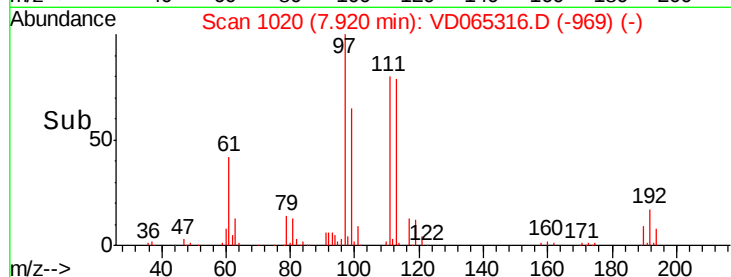
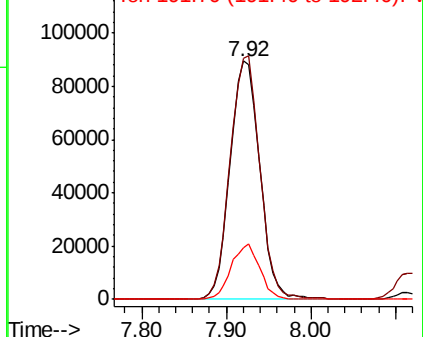


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.654 ug/l

RT: 8.11 min Scan# 1053

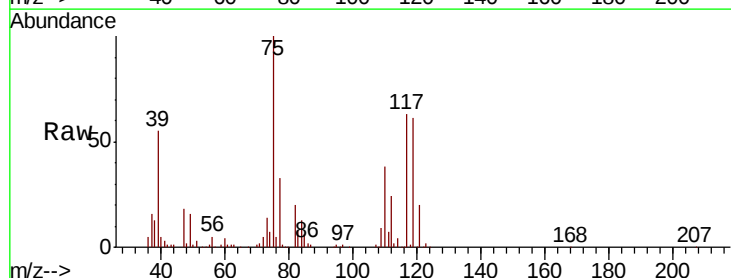
Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Tgt Ion: 75 Resp: 339511

Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.9	53.7
77	31.2	25.1	37.7

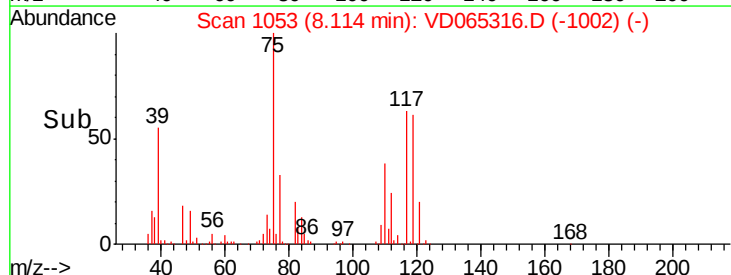
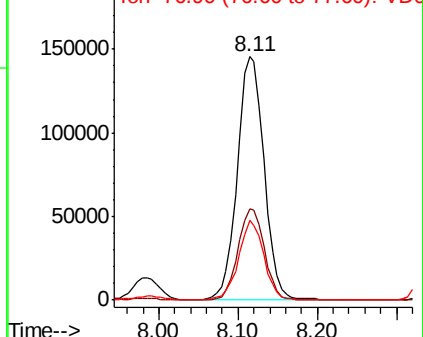


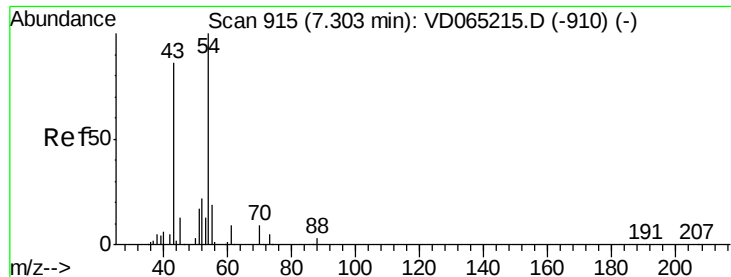
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

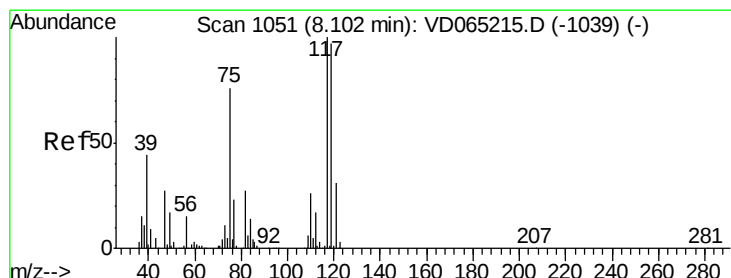
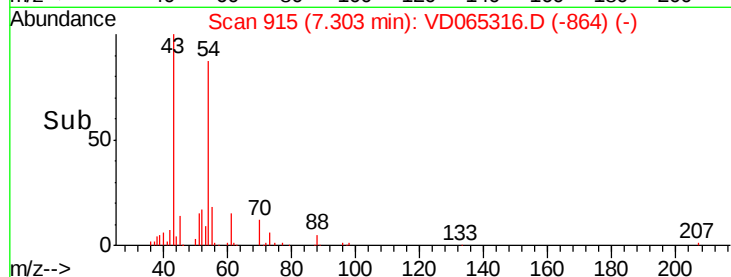
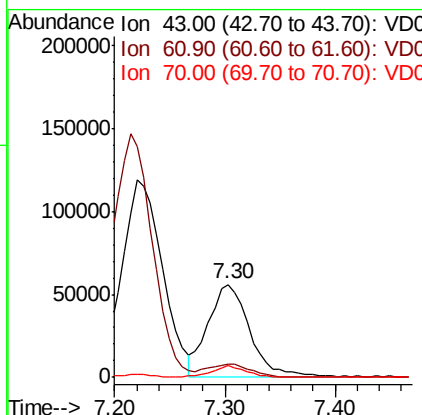
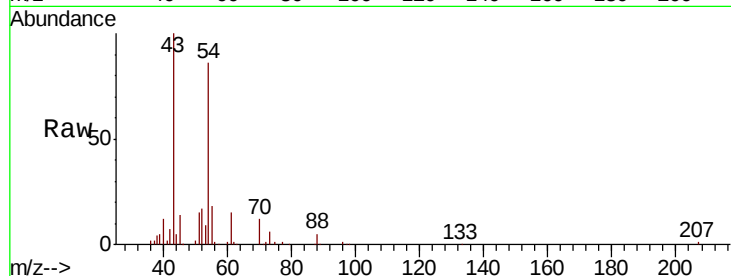




#37
Ethyl Acetate
Concen: 53.745 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

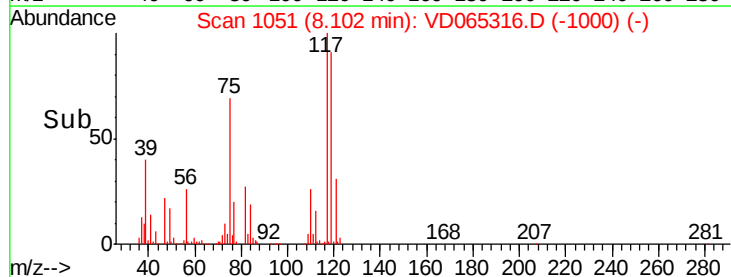
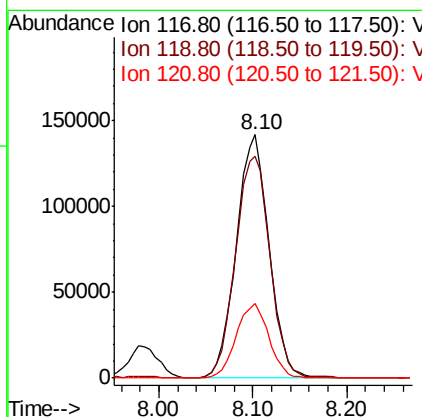
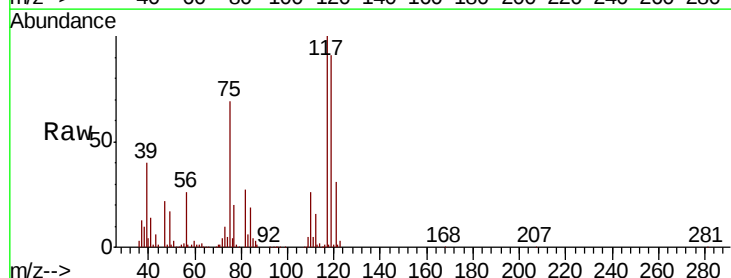
Instrument :
MSVOA_D
ClientSampleId :

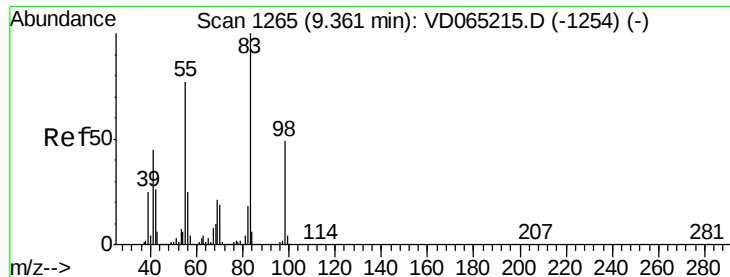
Tot Ion: 43 Resp: 144871
Ion Ratio Lower Upper
43 100
61 13.3 11.2 16.8
70 10.3 8.2 12.2



#38
Carbon Tetrachloride
Concen: 52.003 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 117 Resp: 341344
Ion Ratio Lower Upper
117 100
119 91.4 77.6 116.4
121 31.0 24.8 37.2

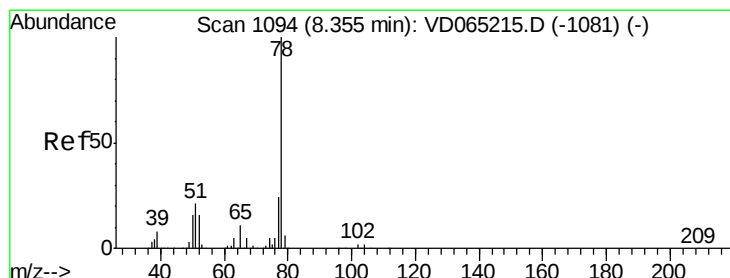
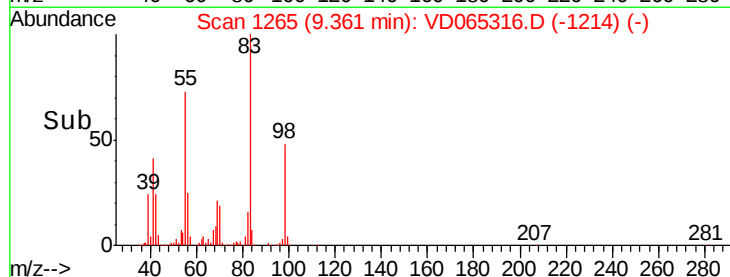
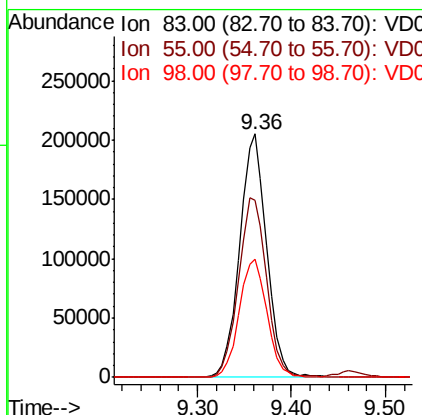
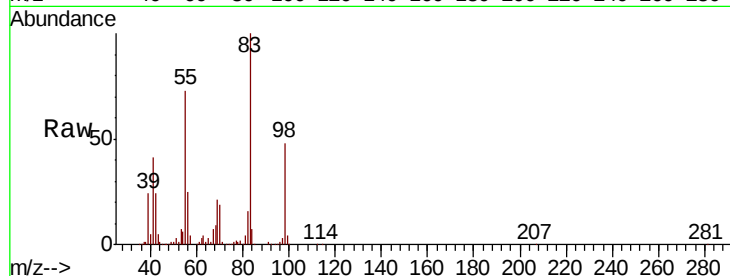




#39
Methylvlcvclohexane
Concen: 53.857 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

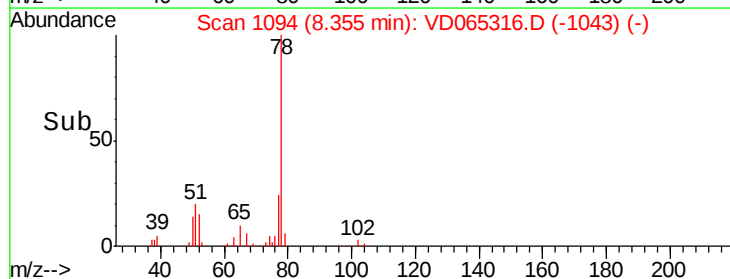
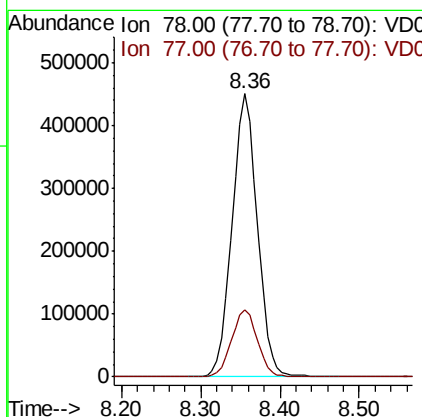
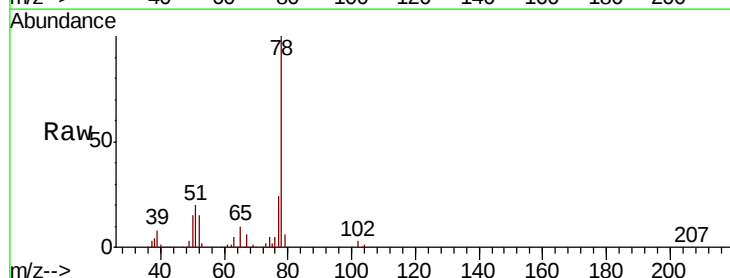
Instrument :
MSVOA_D
ClientSampled :

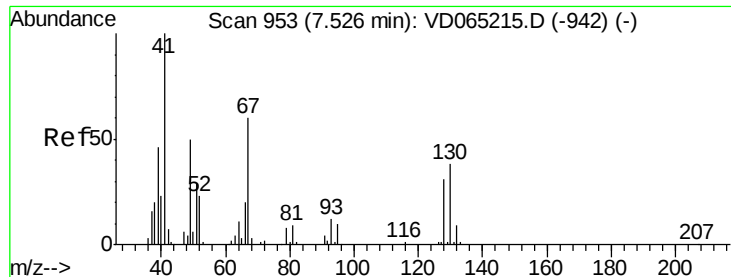
Tot Ion	83	Resp	408262
Ion Ratio	Lower	Upper	
83	100		
55	72.9	61.8	92.6
98	48.4	39.4	59.0



#40
Benzene
Concen: 54.613 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion	78	Resp	993954
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.0	28.6

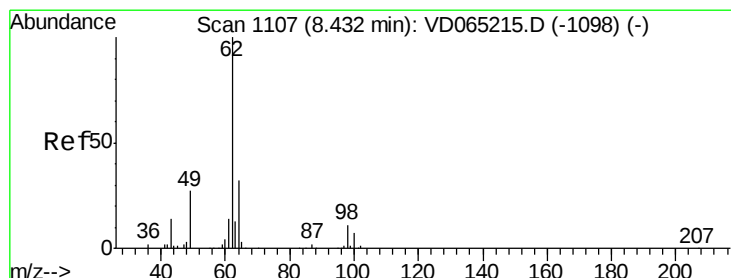
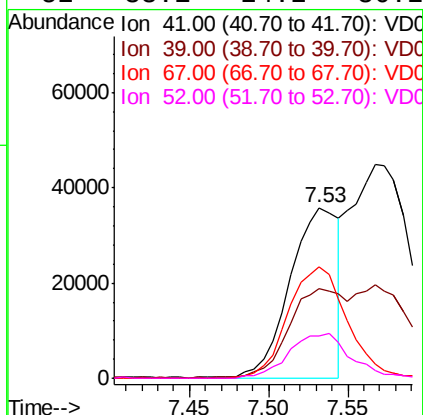
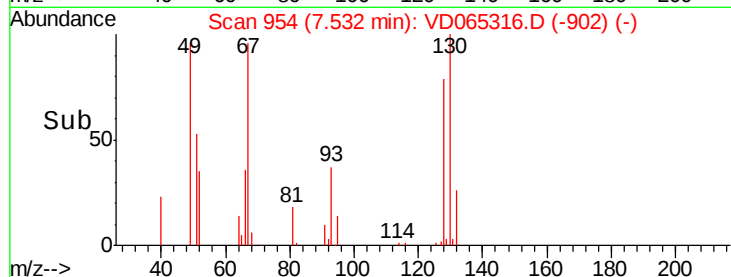
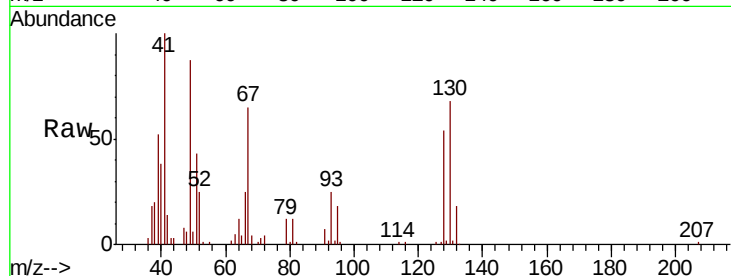




#41
Methacrylonitrile
Concen: 49.273 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

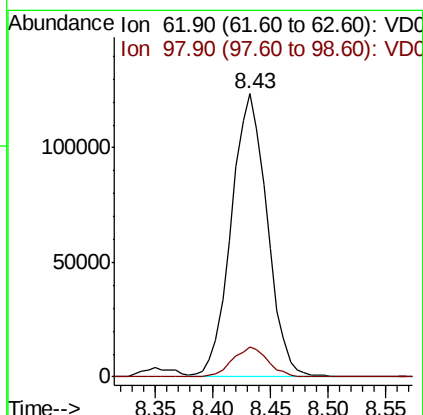
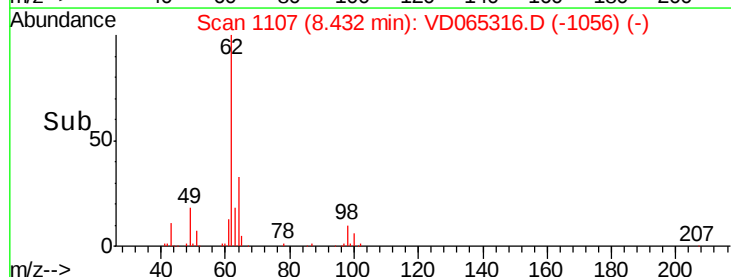
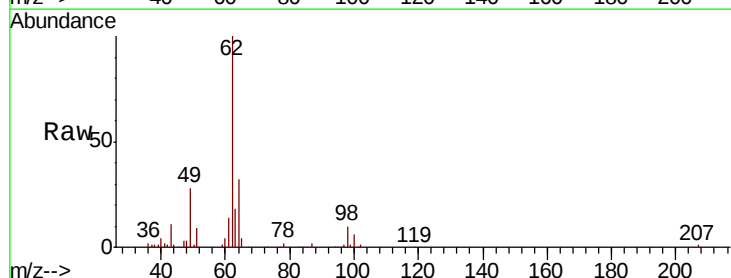
Instrument :
MSVOA_D
ClientSampleId :

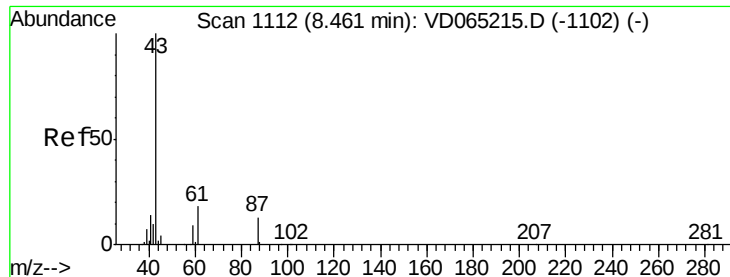
Tot Ion: 41 Resp: 76688
Ion Ratio Lower Upper
41 100
39 61.2 48.1 72.1
67 79.0 58.9 88.3
52 33.1 24.2 36.2



#42
1,2-Dichloroethane
Concen: 53.019 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 62 Resp: 265280
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6





#43

Isopropyl Acetate

Concen: 54.897 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

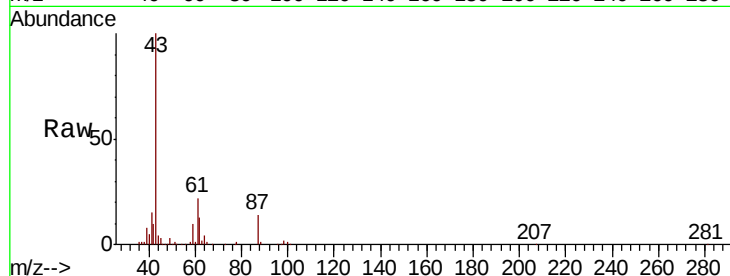
Tot Ion: 43 Resp: 269092

Ion Ratio Lower Upper

43 100

61 30.8 24.6 36.8

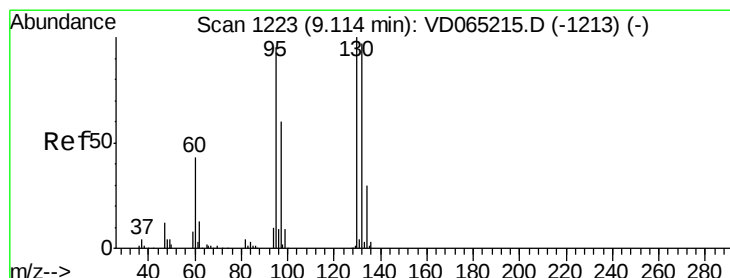
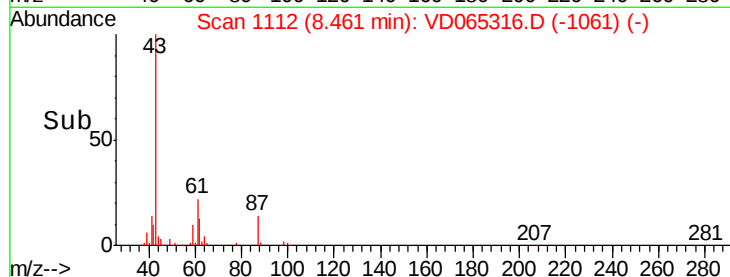
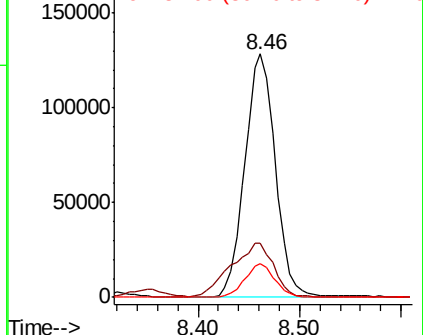
87 13.2 10.6 16.0



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: 53.907 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065316.D

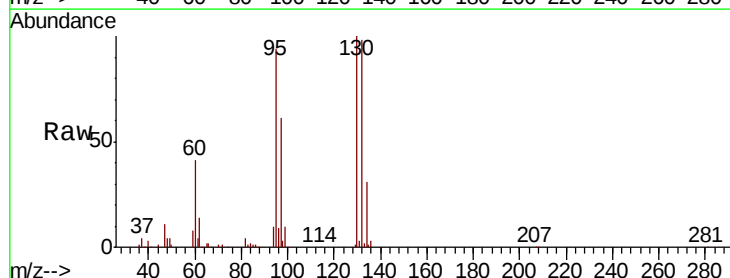
Acq: 25 Feb 2020 18:51

Tgt Ion: 130 Resp: 271959

Ion Ratio Lower Upper

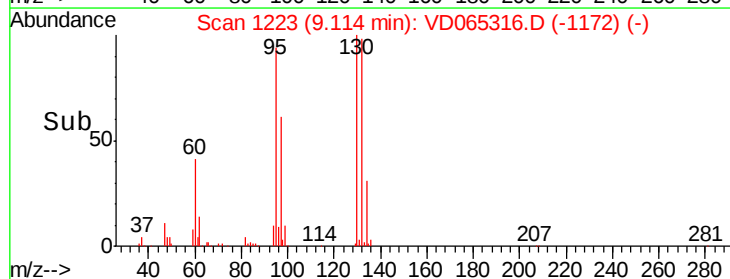
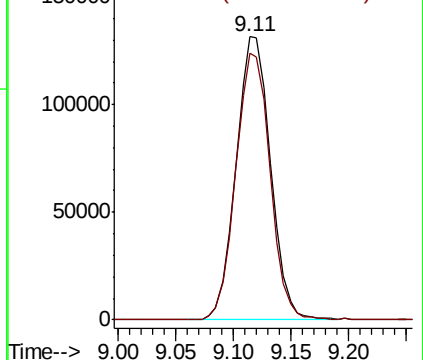
130 100

95 94.3 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 55.928 ug/l

RT: 9.40 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

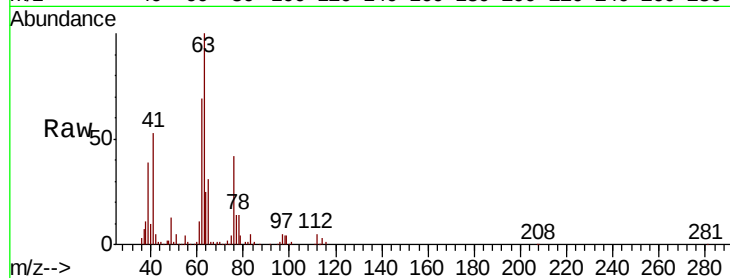
ClientSampled :

Tot Ion: 63 Resp: 253105

Ion Ratio Lower Upper

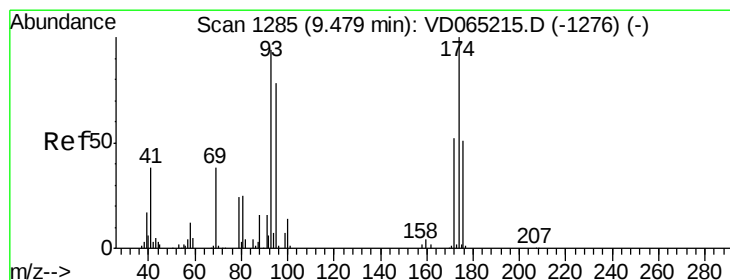
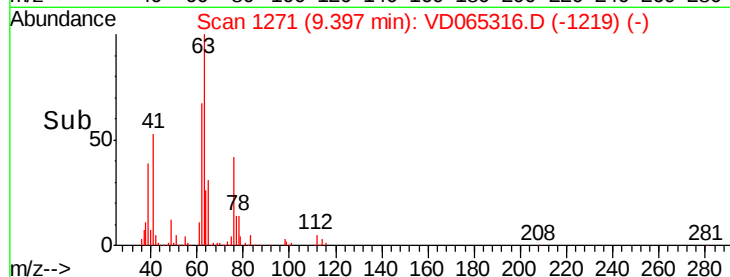
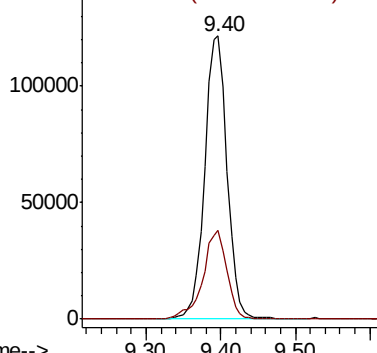
63 100

65 31.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 55.415 ug/l

RT: 9.48 min Scan# 1286

Delta R.T. 0.01 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

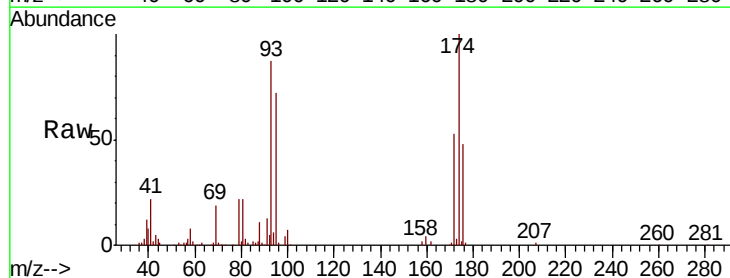
Tgt Ion: 93 Resp: 129033

Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

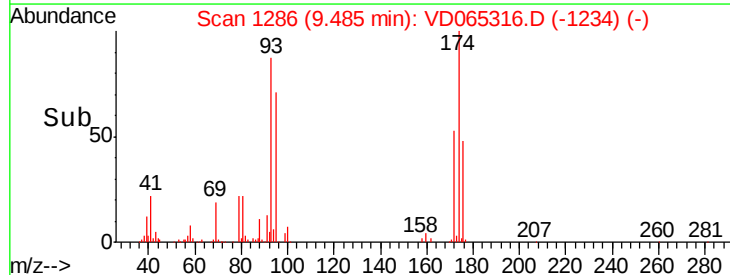
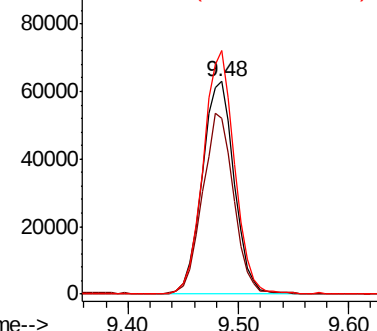
174 111.1 86.8 130.2

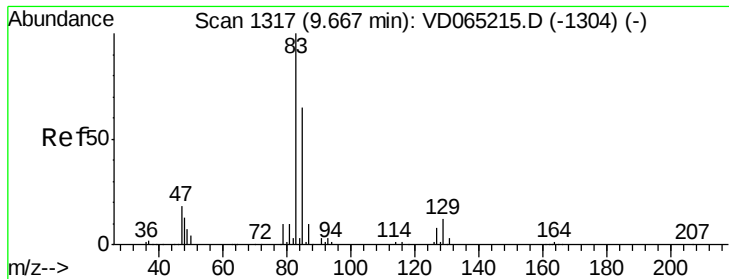


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

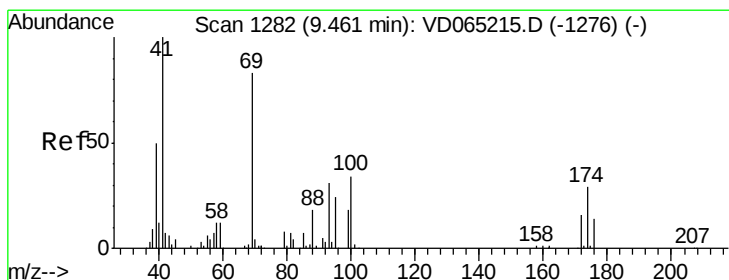
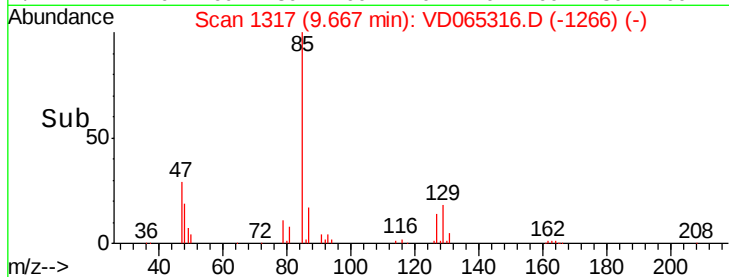
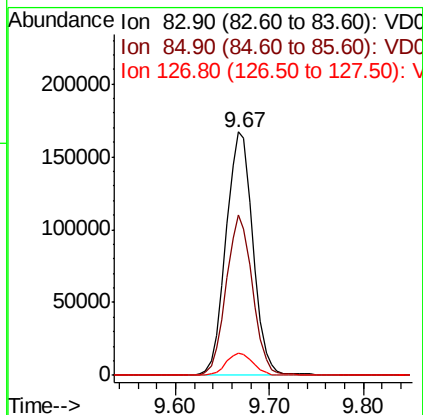
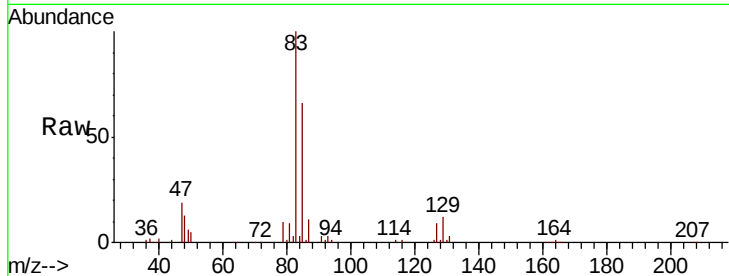




#47
Bromodichloromethane
Concen: 54.290 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

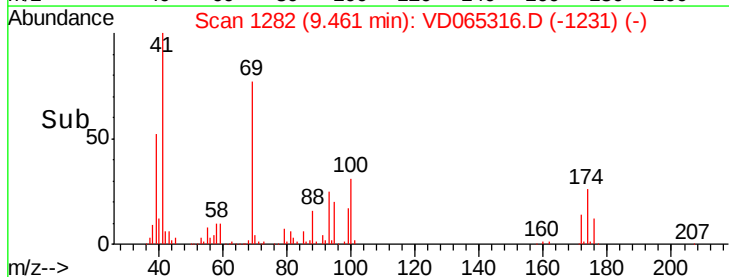
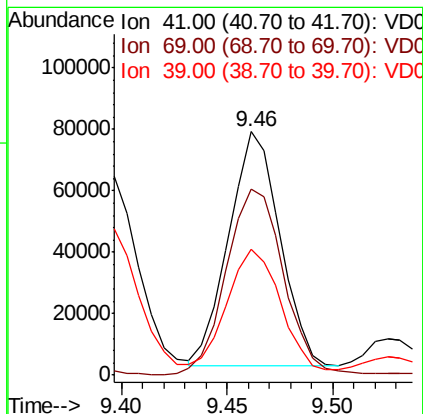
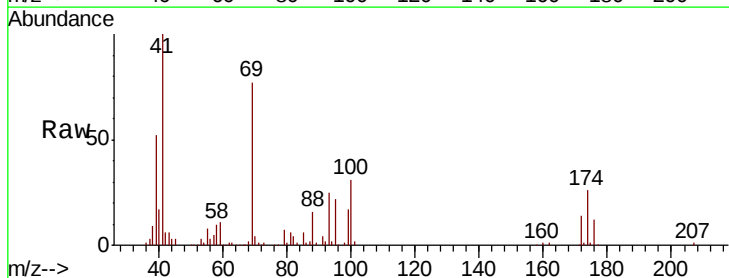
Instrument :
MSVOA_D
ClientSampled :

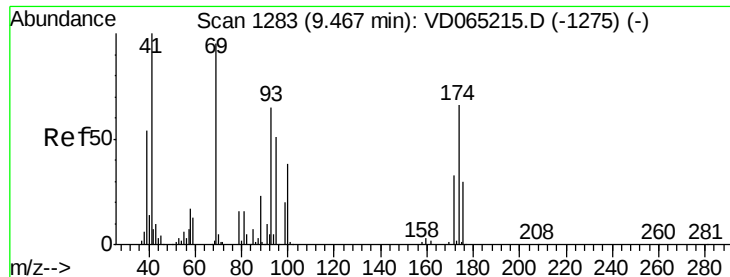
Tot Ion: 83 Resp: 333144
Ion Ratio Lower Upper
83 100
85 65.7 52.0 78.0
127 9.3 6.7 10.1



#48
Methyl methacrylate
Concen: 56.488 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 41 Resp: 127987
Ion Ratio Lower Upper
41 100
69 89.1 68.2 102.2
39 52.6 42.0 63.0

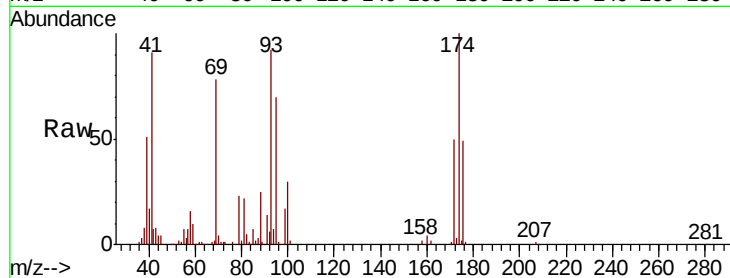




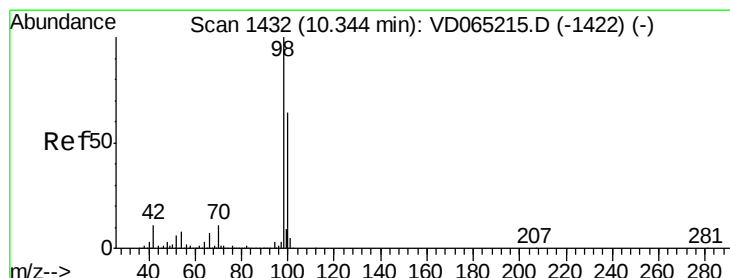
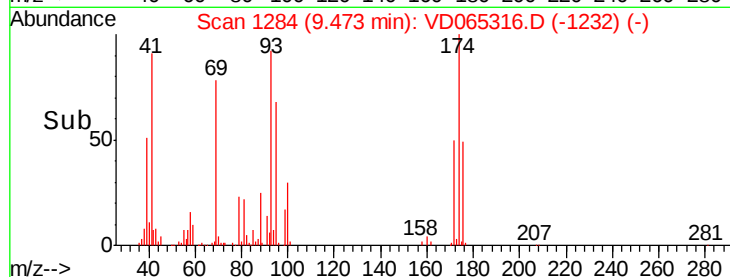
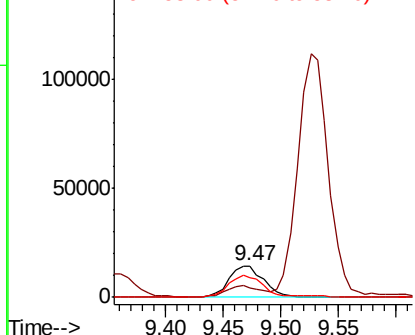
#49
1,4-Dioxane
Concen: 1120.438 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 88 Resp: 30599
Ion Ratio Lower Upper
88 100
43 37.4 28.5 42.7
58 70.1 58.6 87.8

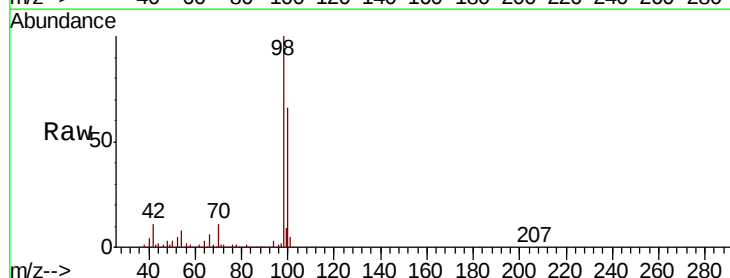


Abundance Ion 88.00 (87.70 to 88.70): VDC
150000 Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

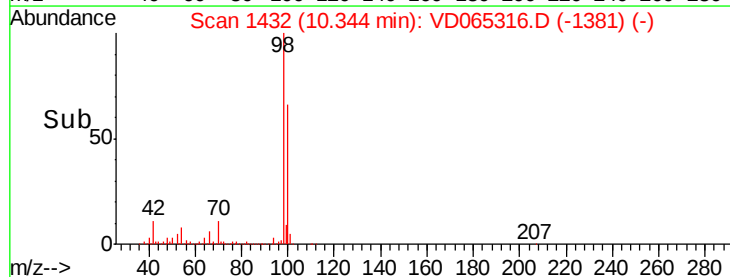
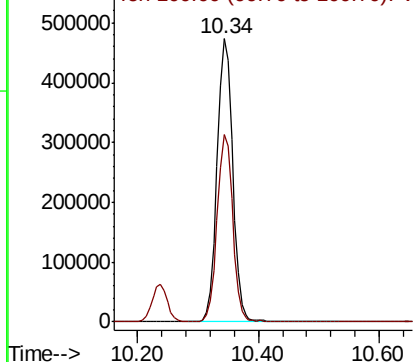


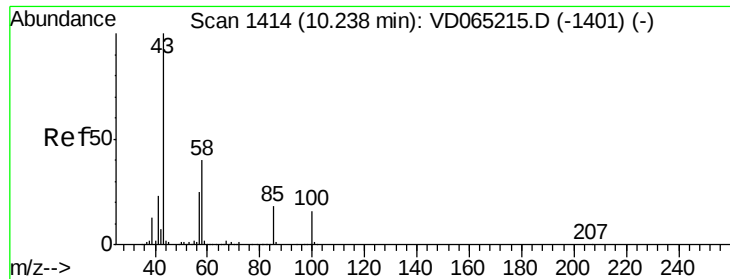
#50
Toluene-d8
Concen: 54.697 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 98 Resp: 844918
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



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

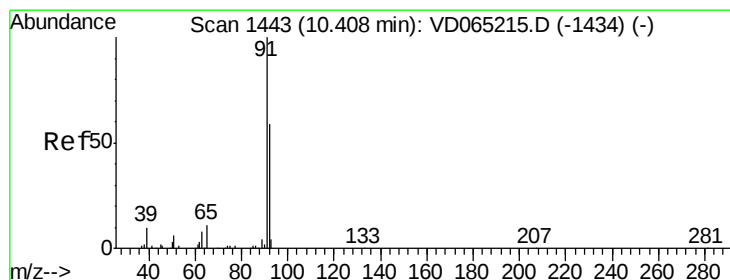
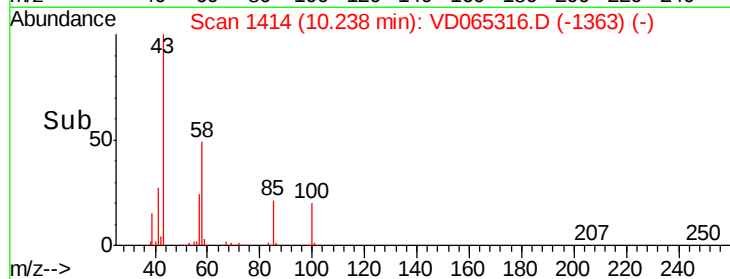
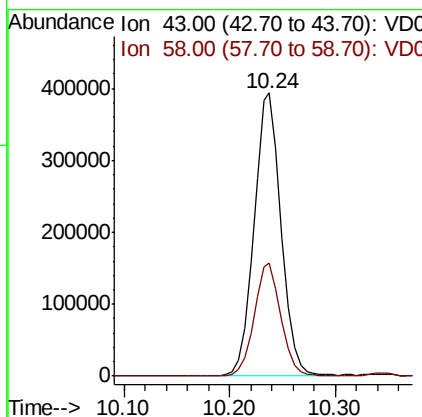
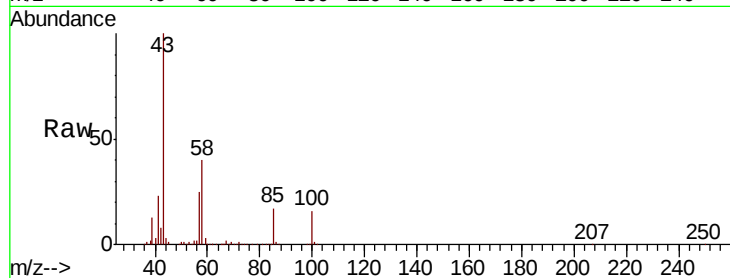




#51
4-Methyl-2-Pentanone
Concen: 281.938 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

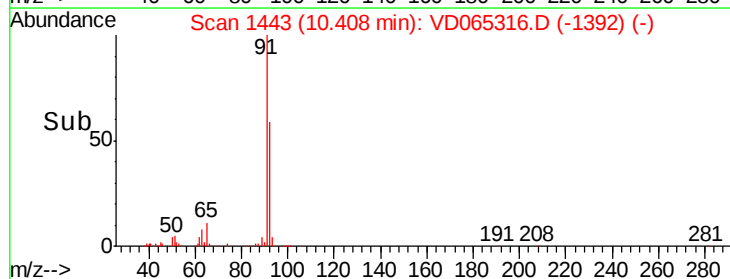
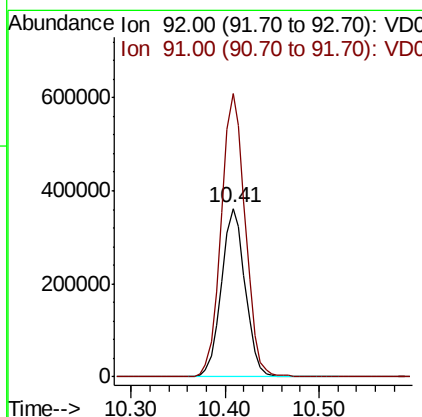
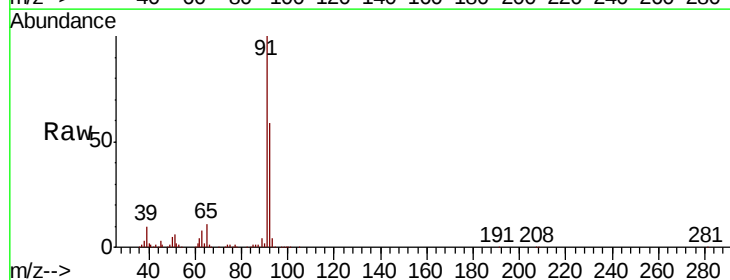
Instrument :
MSVOA_D
ClientSampled :

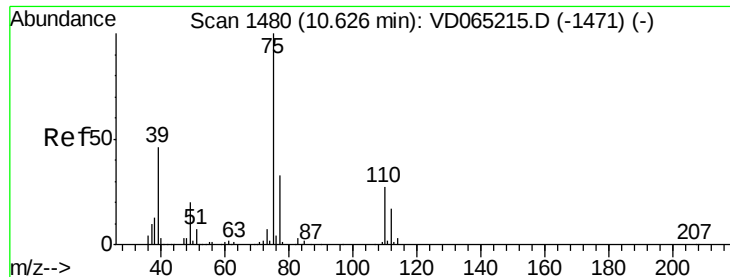
Tot Ion: 43 Resp: 701933
Ion Ratio Lower Upper
43 100
58 39.4 31.1 46.7



#52
Toluene
Concen: 56.693 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 92 Resp: 638670
Ion Ratio Lower Upper
92 100
91 170.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 55.647 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

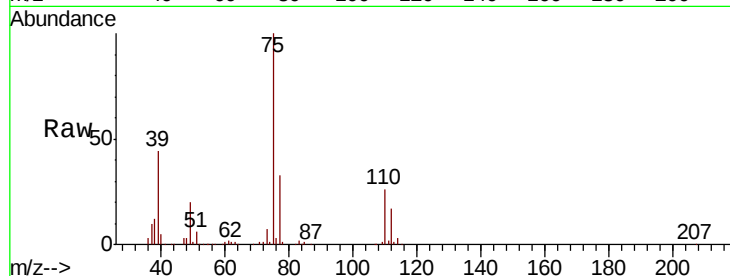
ClientSampleId :

Tot Ion: 75 Resp: 316515

Ion Ratio Lower Upper

75 100

77 32.6 26.6 40.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

200000

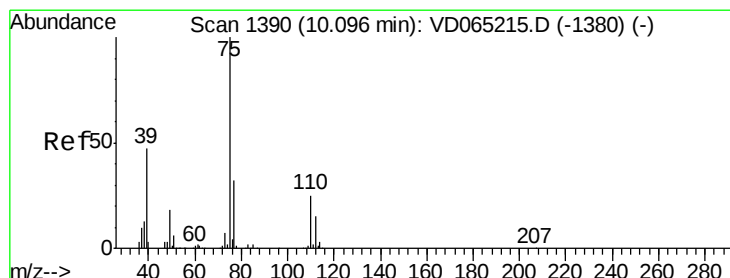
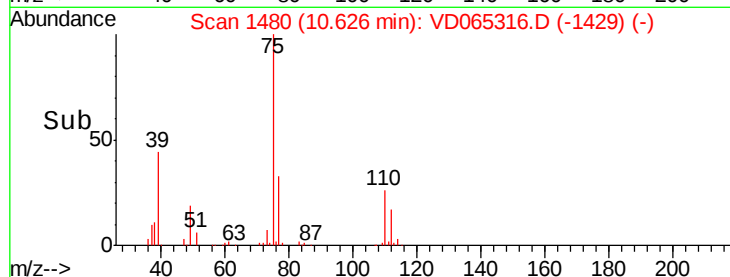
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 56.232 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

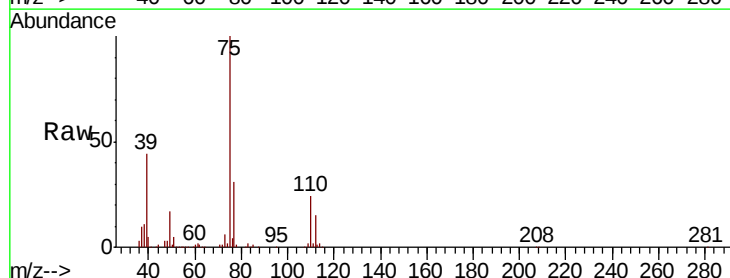
Tgt Ion: 75 Resp: 386223

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8

39 44.2 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

300000

250000

200000

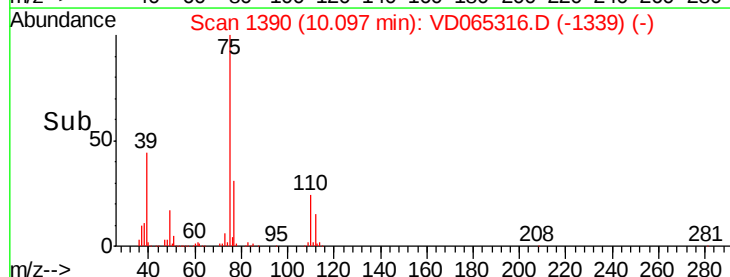
150000

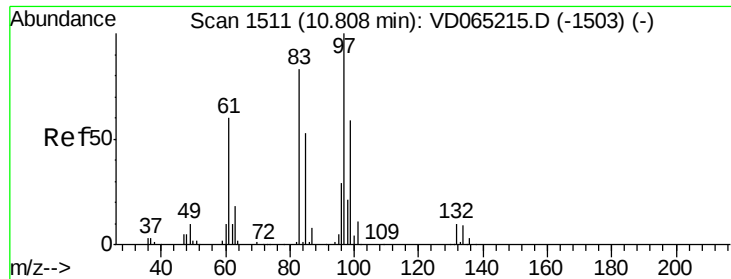
100000

50000

0

Time-->

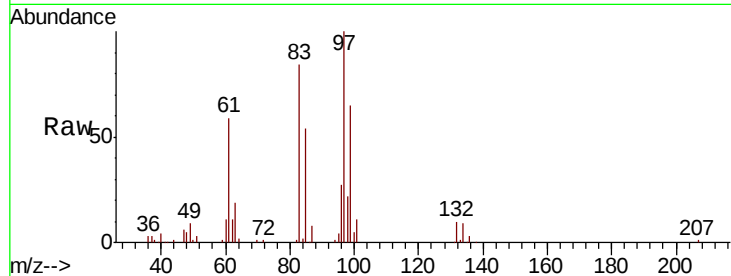




#55
 1,1,2-Trichloroethane
 Concen: 55.263 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Resp	Lower	Upper
97	181119		
Ion Ratio			
97	100		
83	84.4	66.7	100.1
85	54.4	42.4	63.6
99	64.8	47.5	71.3



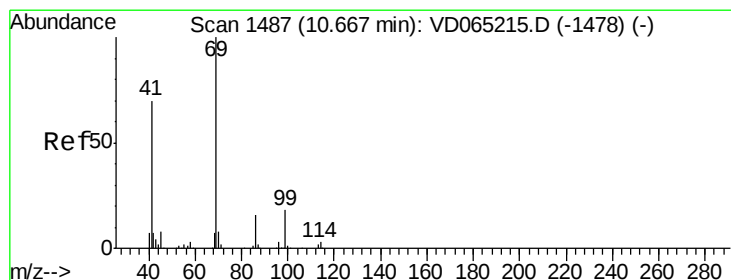
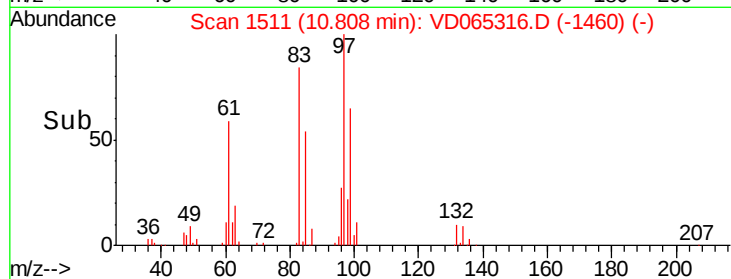
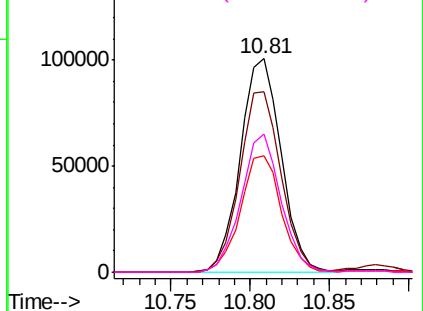
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

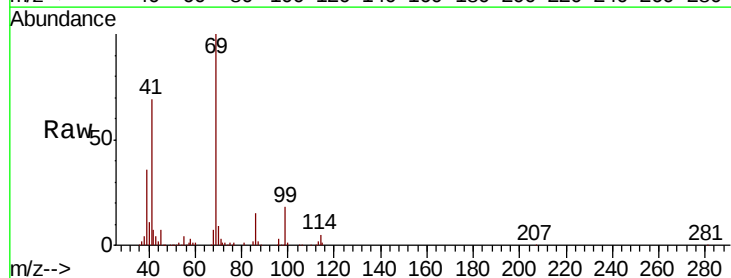
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 59.533 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion	Resp	Lower	Upper
69	225204		
Ion Ratio			
69	100		
41	66.7	54.6	81.8
39	31.8	26.5	39.7

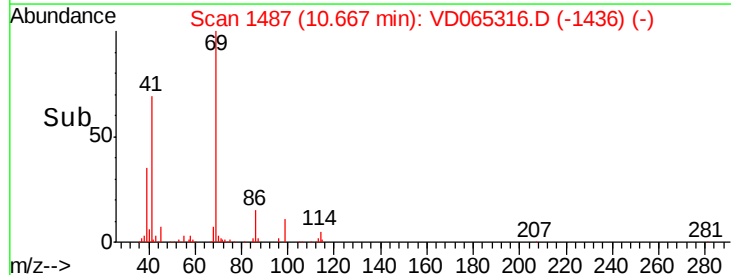
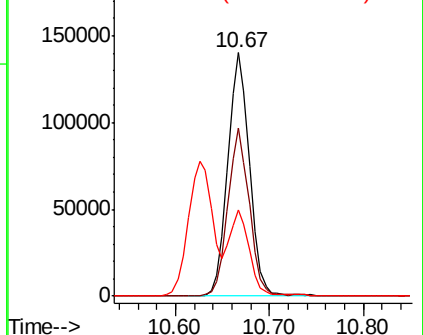


Abundance

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

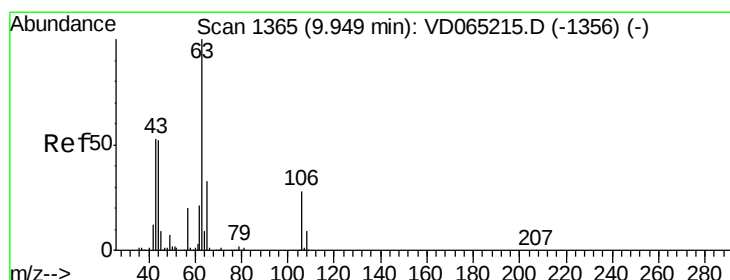
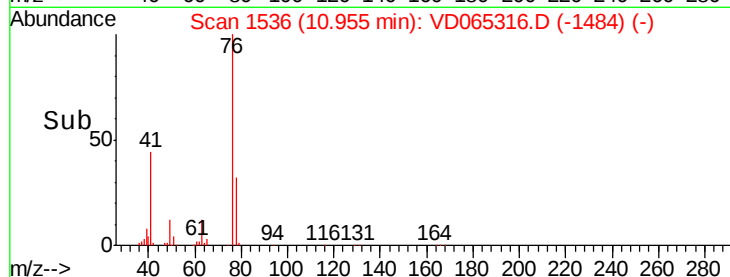
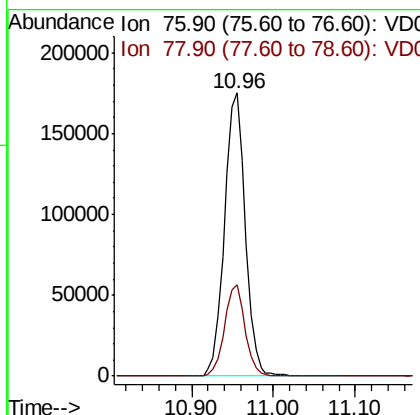
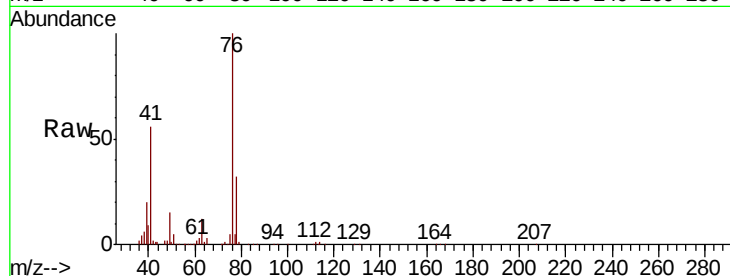




#57
 1,3-Dichloropropane
 Concen: 55.496 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

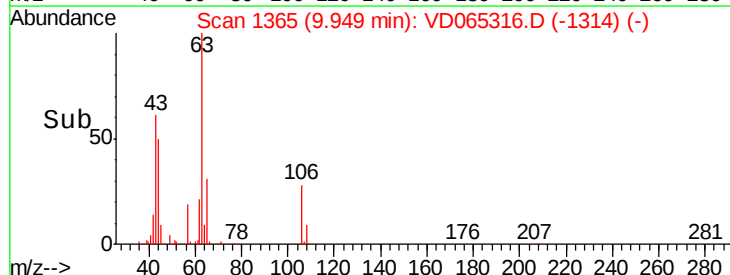
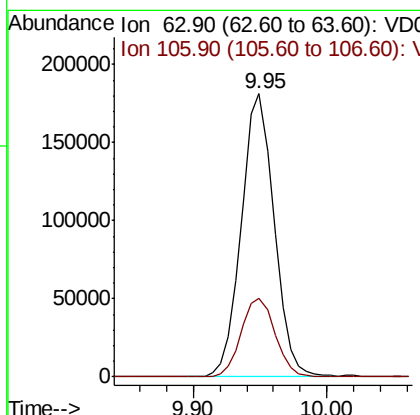
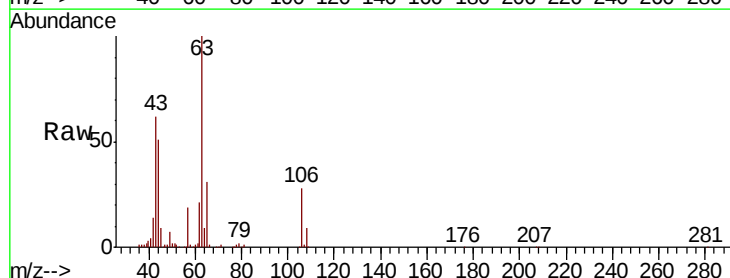
Instrument :
 MSVOA_D
 ClientSampleId :

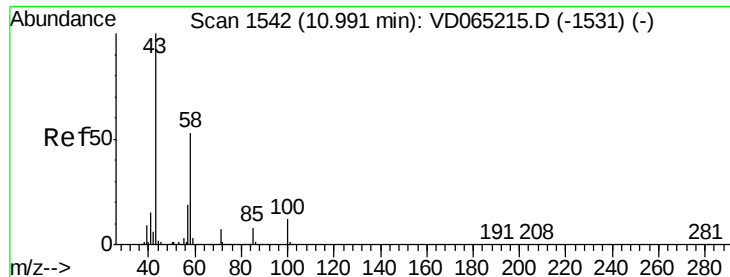
Tot Ion: 76 Resp: 309560
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.402 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion: 63 Resp: 308174
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.8 34.2

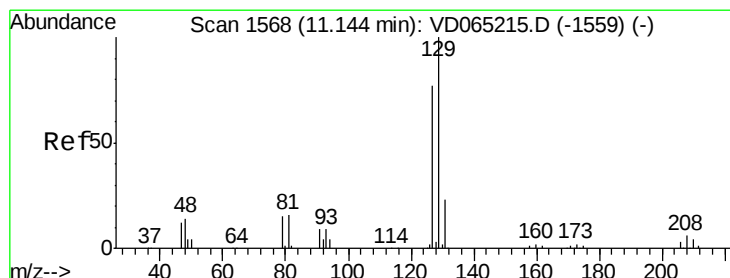
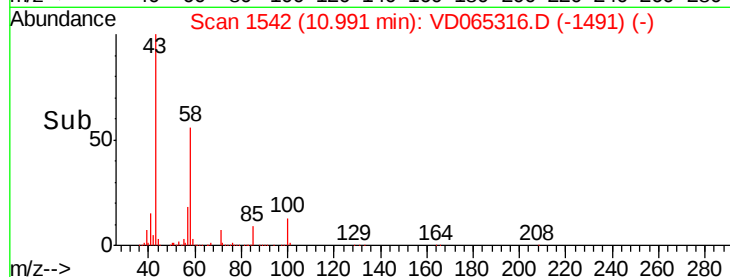
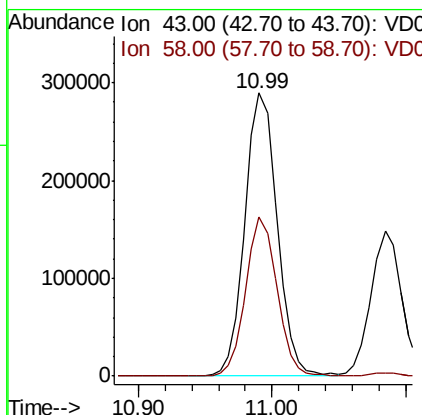
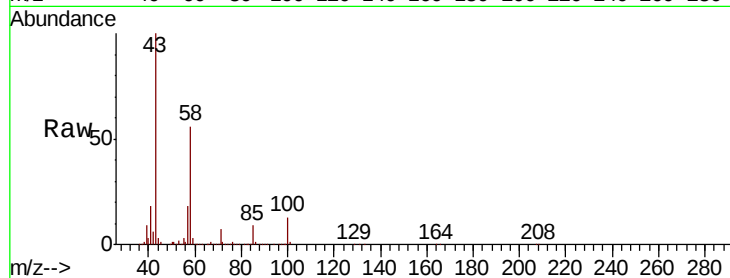




#59
2-Hexanone
Concen: 271.963 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

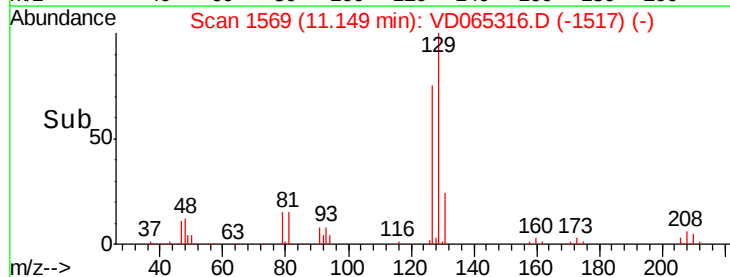
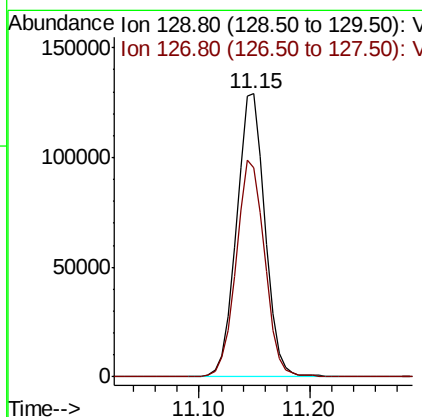
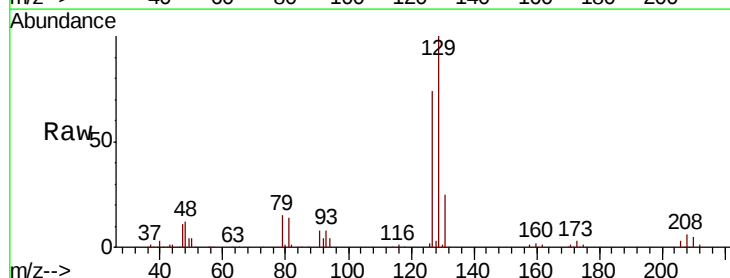
Instrument :
MSVOA_D
ClientSampled :

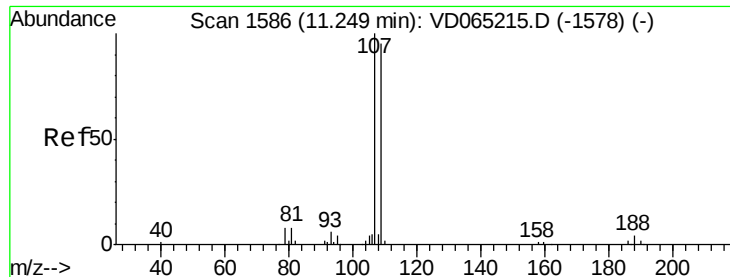
Tot Ion: 43 Resp: 484696
Ion Ratio Lower Upper
43 100
58 54.5 26.3 78.8



#60
Dibromochloromethane
Concen: 55.874 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 129 Resp: 234380
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

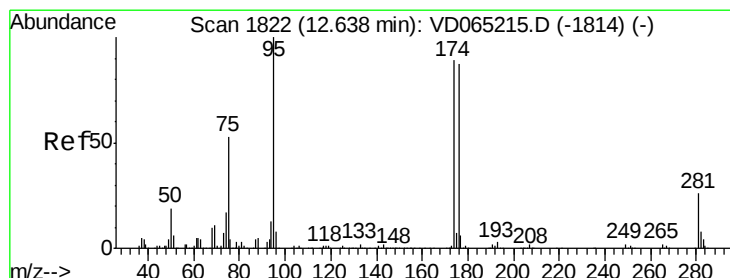
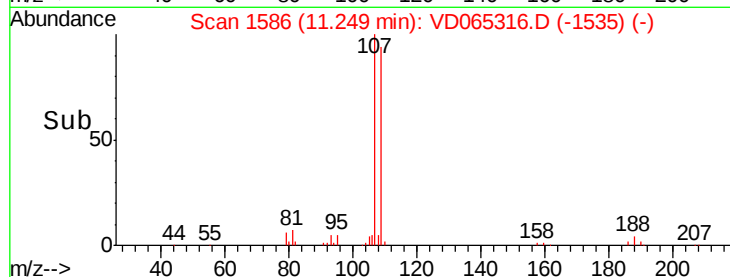
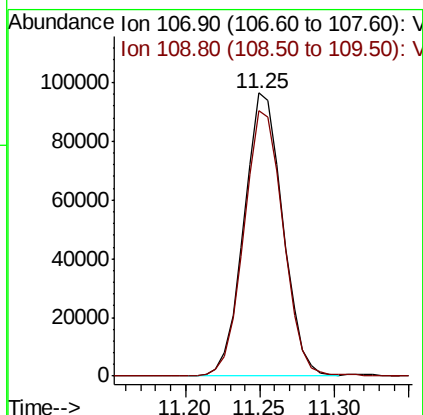
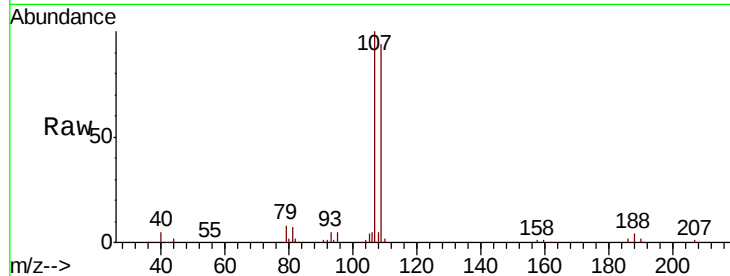




#61
 1,2-Dibromoethane
 Concen: 55.783 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

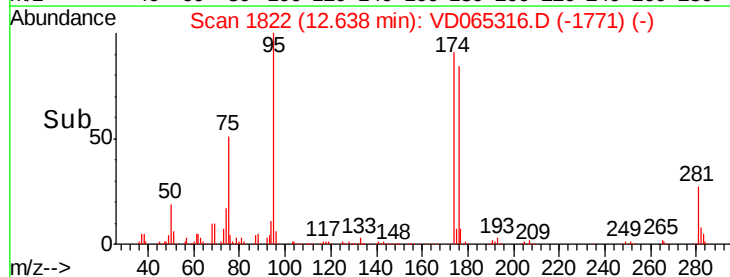
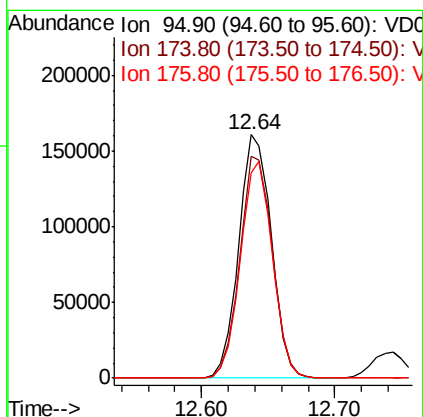
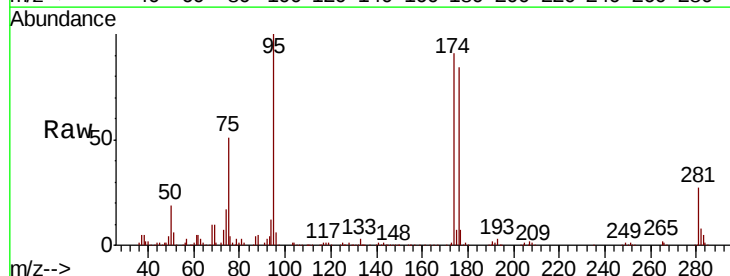
Instrument :
 MSVOA_D
 ClientSampled :

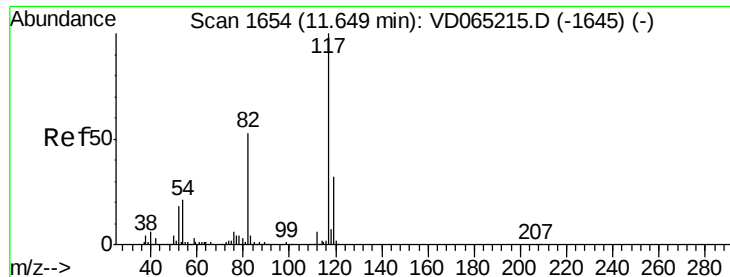
Tot Ion:107 Resp: 173098
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 55.404 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion: 95 Resp: 271120
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 178.0
 176 87.4 0.0 174.4

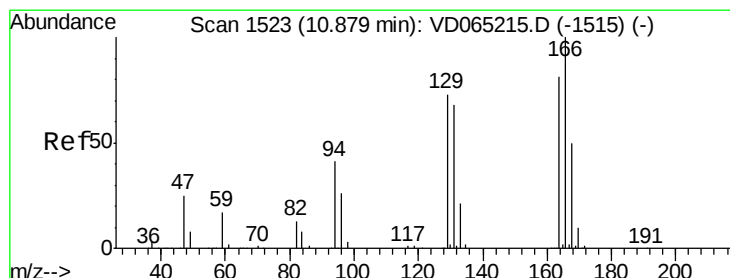
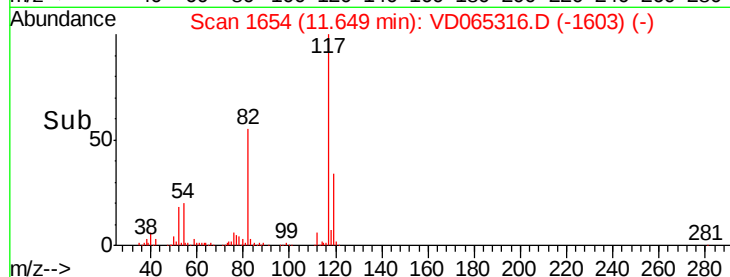
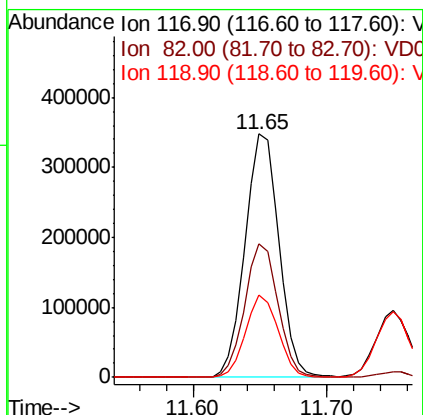
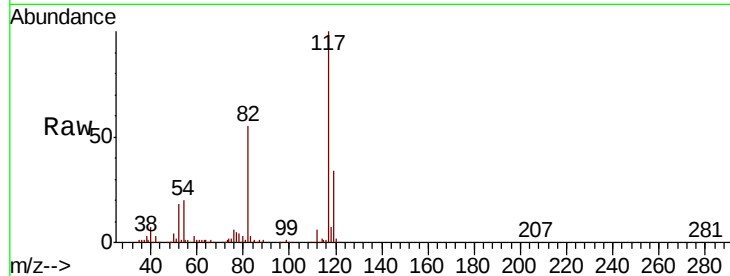




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

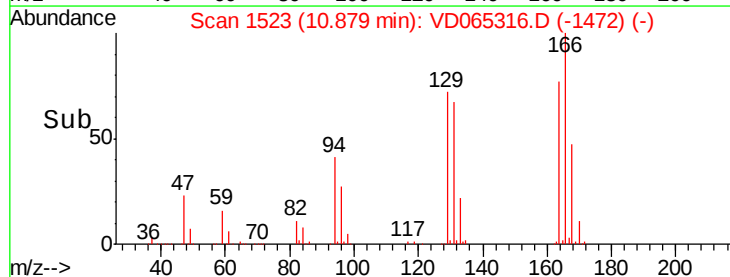
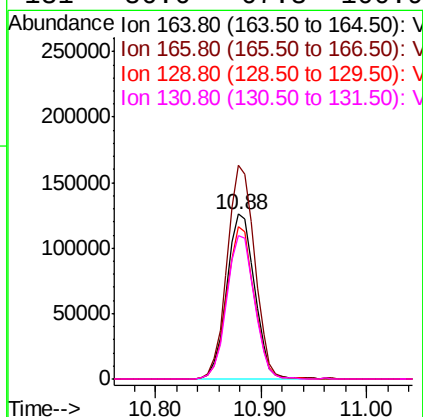
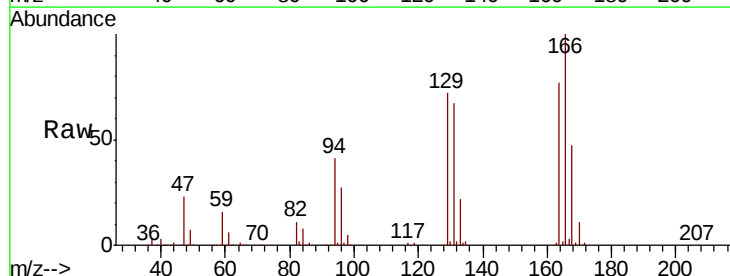
Instrument :
MSVOA_D
ClientSampled :

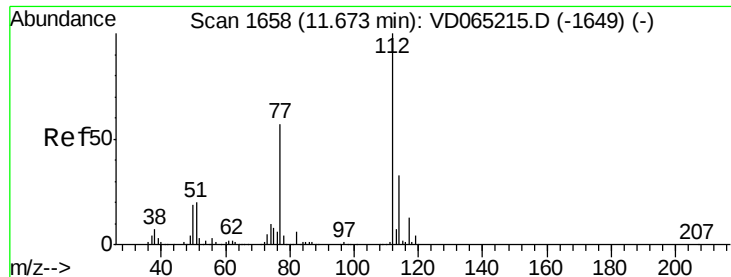
Tot Ion:117 Resp: 609370
Ion Ratio Lower Upper
117 100
82 54.9 42.7 64.1
119 33.6 25.5 38.3



#64
Tetrachloroethene
Concen: 52.888 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion:164 Resp: 228574
Ion Ratio Lower Upper
164 100
166 129.7 98.4 147.6
129 92.8 71.6 107.4
131 86.6 67.3 100.9

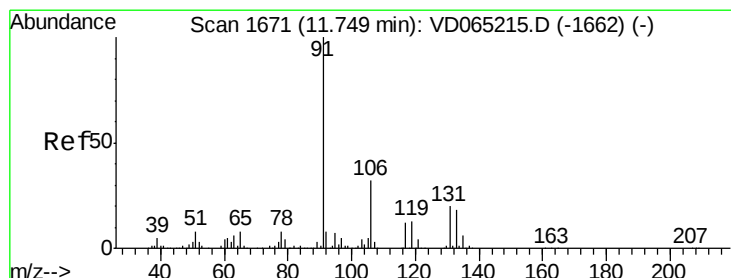
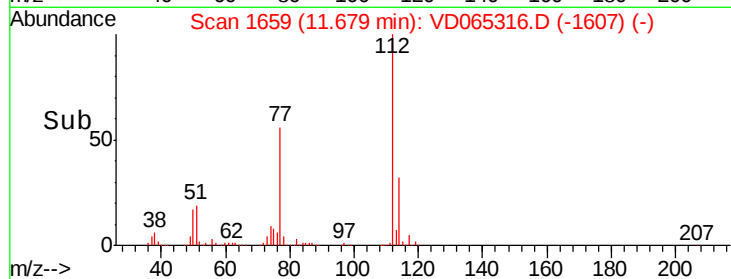
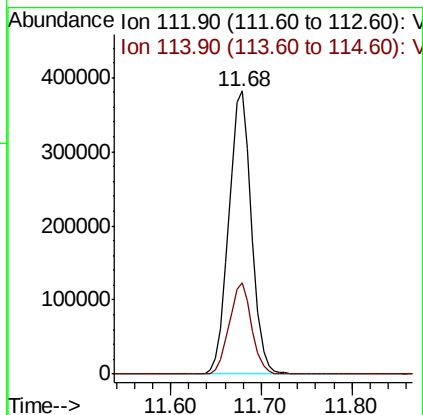
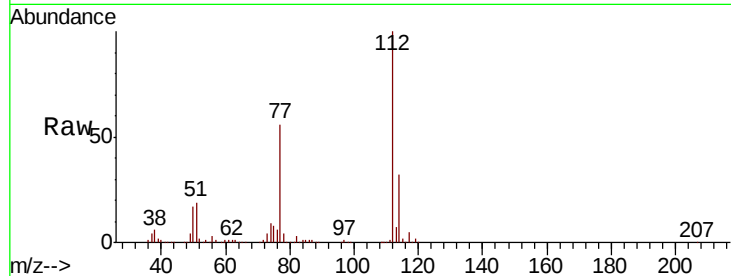




#65
Chlorobenzene
Concen: 54.342 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

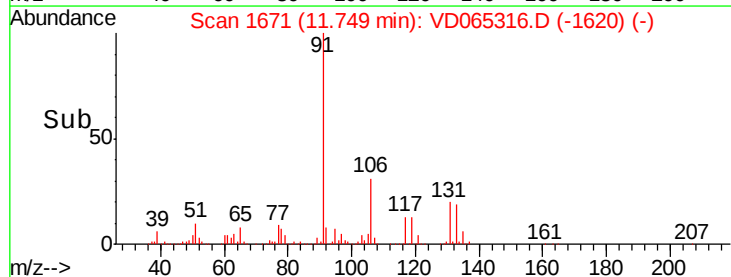
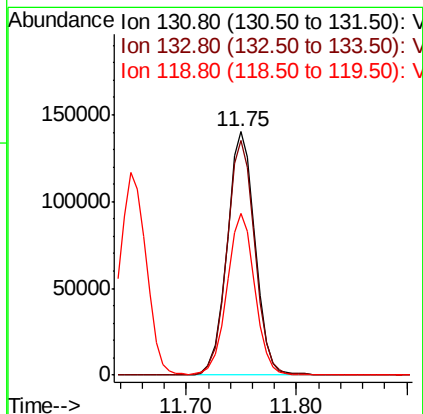
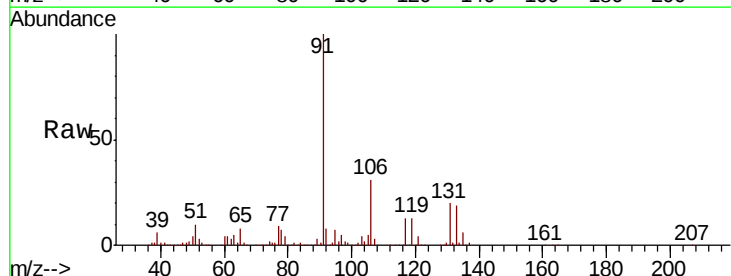
Instrument :
MSVOA_D
ClientSampled :

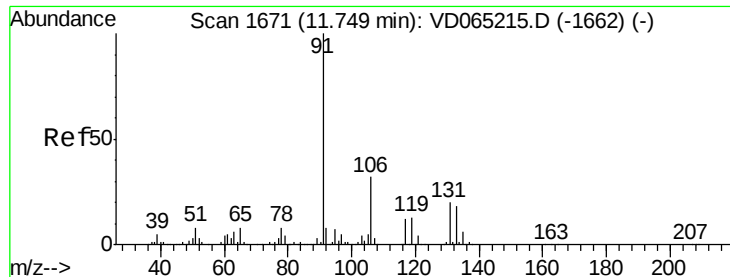
Tot Ion:112 Resp: 664527
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.417 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion:131 Resp: 248324
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 66.1 32.7 98.1

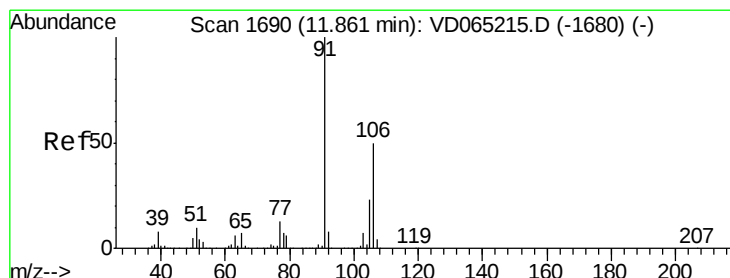
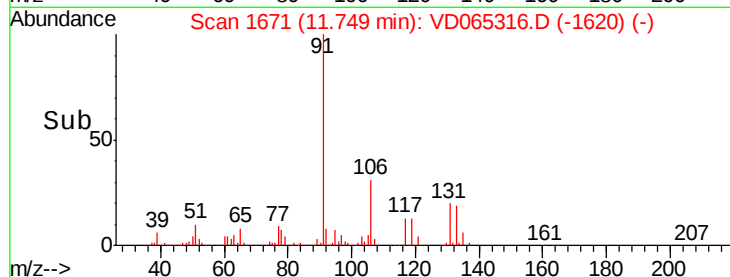
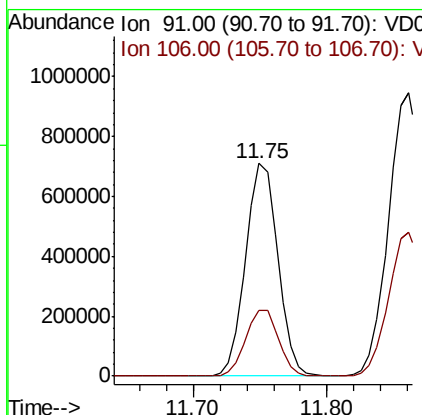
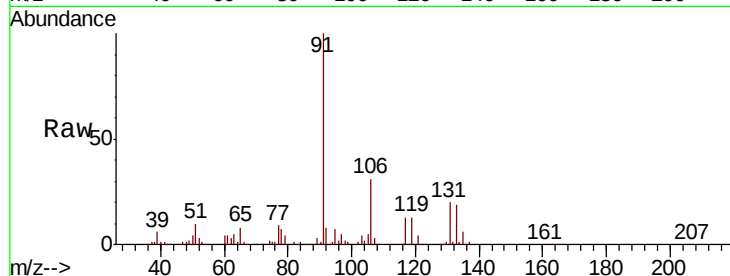




#67
Ethyl Benzene
Concen: 55.455 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

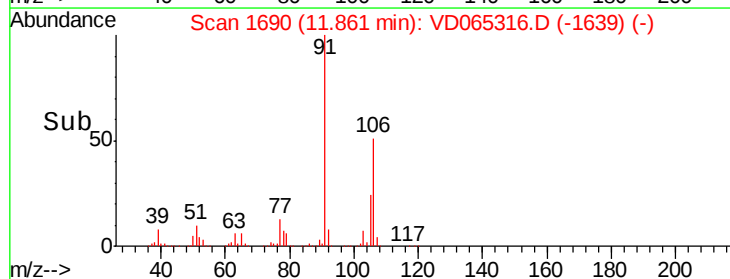
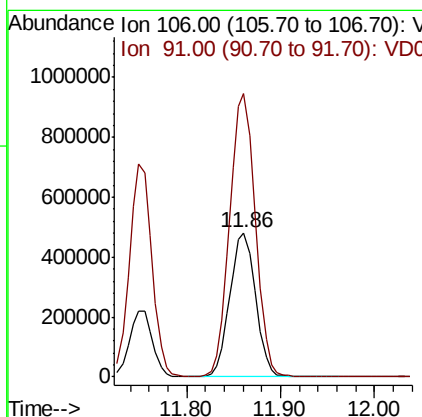
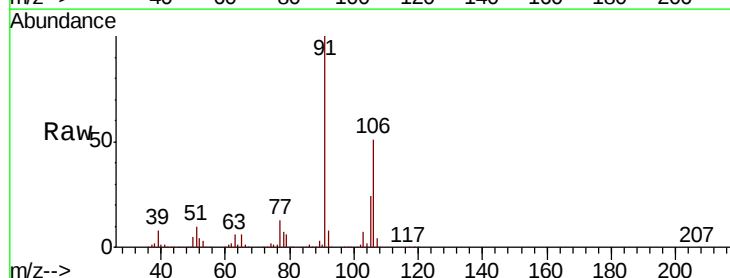
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 91 Resp: 1187674
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 112.219 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 106 Resp: 919520
Ion Ratio Lower Upper
106 100
91 195.0 158.2 237.4

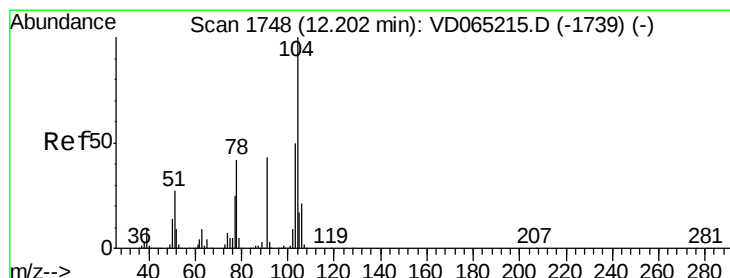
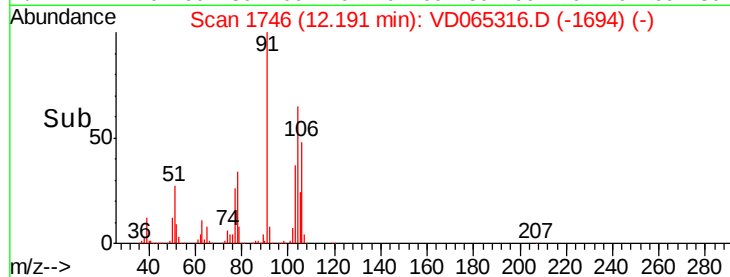
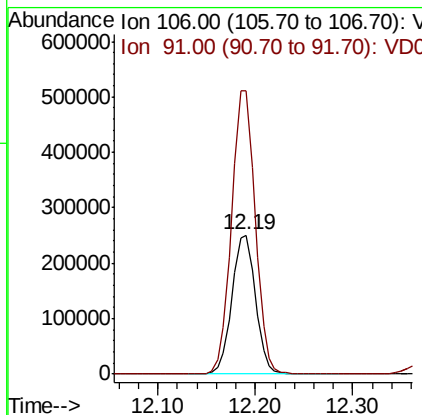
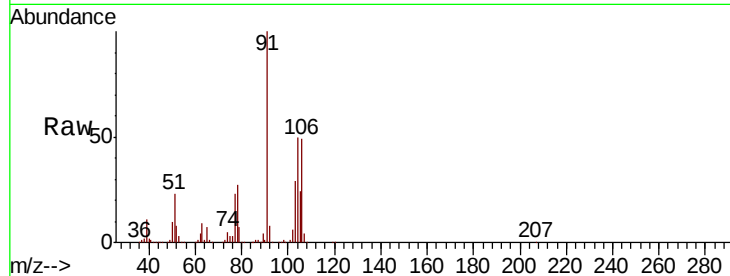




#69
o-Xylene
Concen: 58.070 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

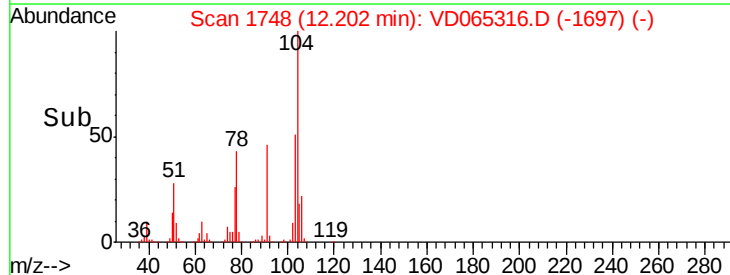
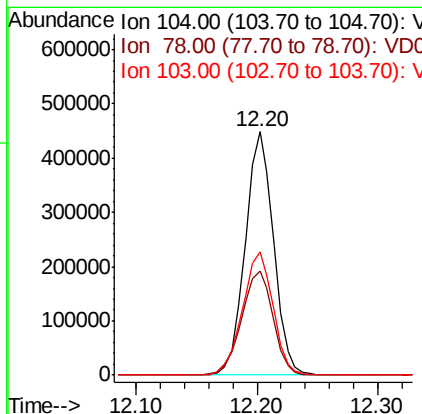
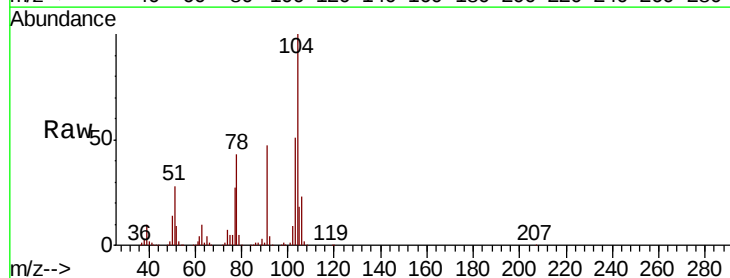
Instrument :
MSVOA_D
ClientSampled :

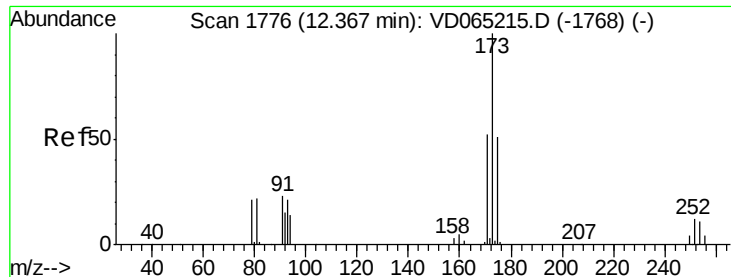
Tot Ion:106 Resp: 421554
Ion Ratio Lower Upper
106 100
91 205.1 104.7 313.9



#70
Styrene
Concen: 56.942 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion:104 Resp: 733910
Ion Ratio Lower Upper
104 100
78 47.7 37.8 56.6
103 54.9 43.4 65.2





#71

Bromoform

Concen: 54.655 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

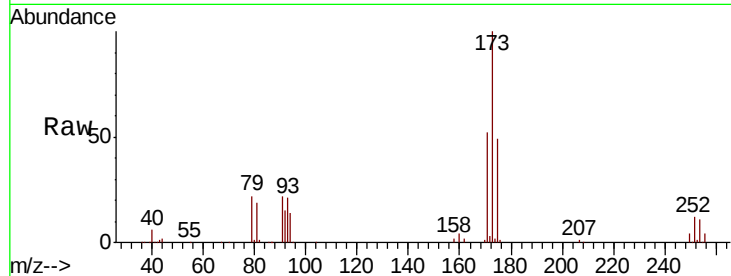
Tot Ion:173 Resp: 138399

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.4

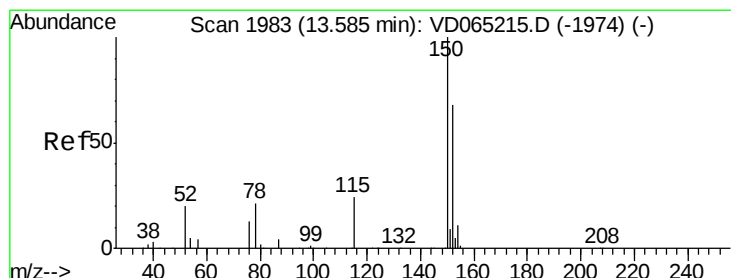
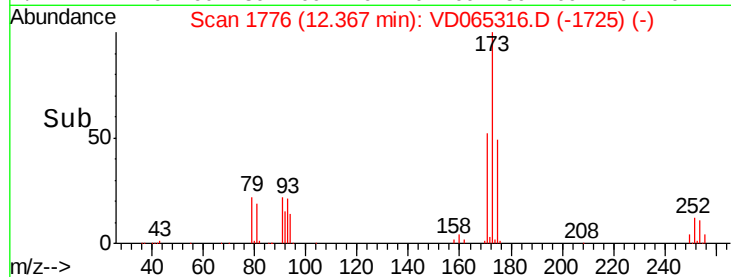
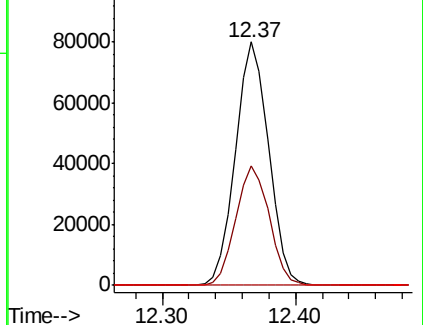
254 0.2 0.0 0.0#



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: VD065316.D

Acq: 25 Feb 2020 18:51

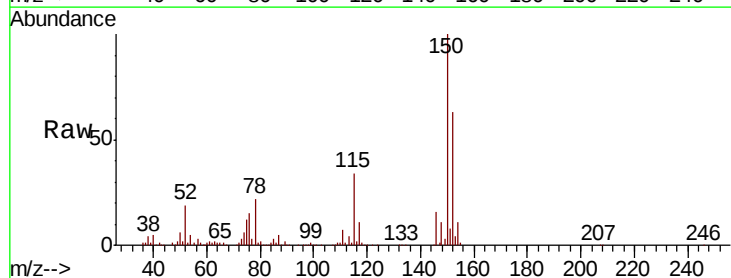
Tgt Ion:152 Resp: 305702

Ion Ratio Lower Upper

152 100

115 55.4 27.6 82.8

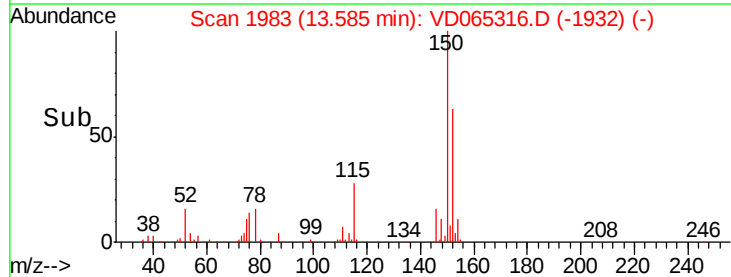
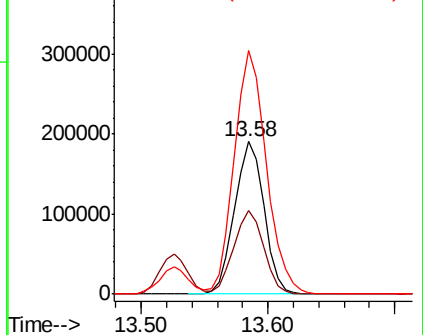
150 175.1 0.0 347.4

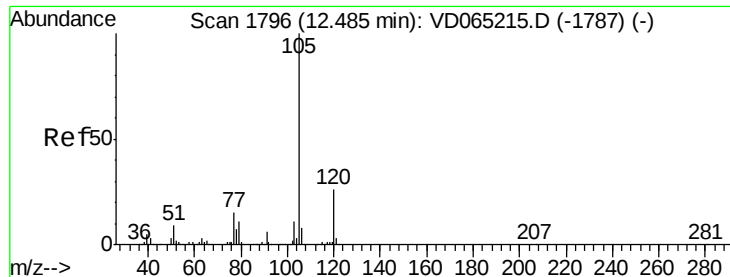


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.349 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

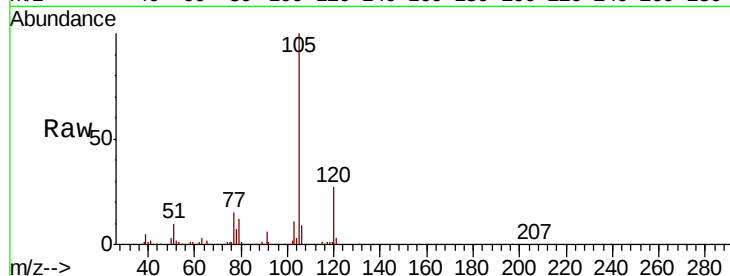
ClientSampleId :

Tot Ion:105 Resp: 1120207

Ion Ratio Lower Upper

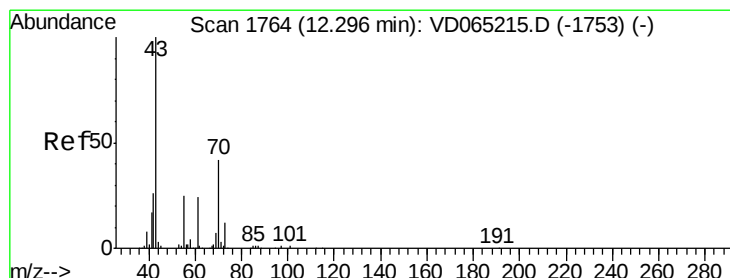
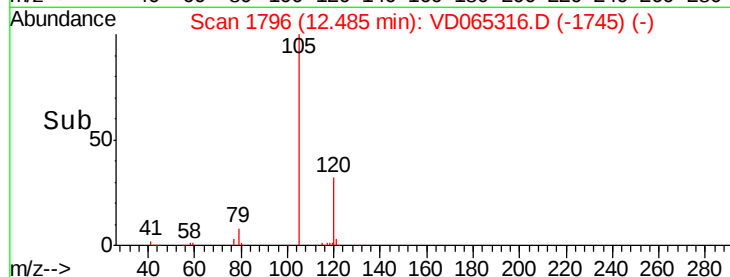
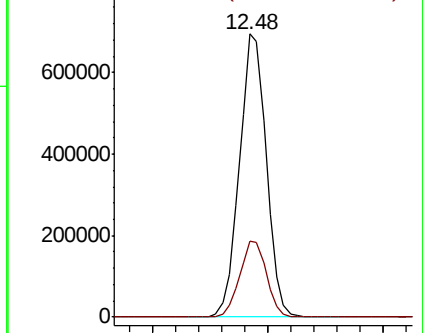
105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.017 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Tgt Ion: 43 Resp: 247423

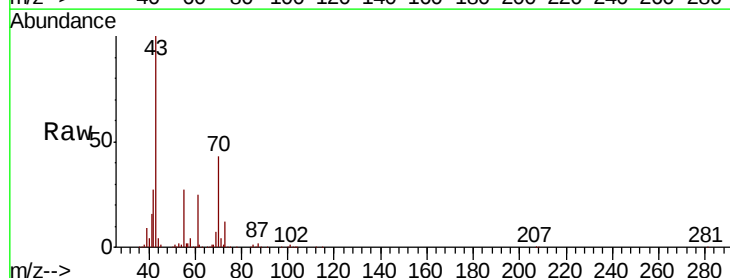
Ion Ratio Lower Upper

43 100

70 44.0 33.7 50.5

55 27.1 20.7 31.1

61 24.9 19.0 28.4

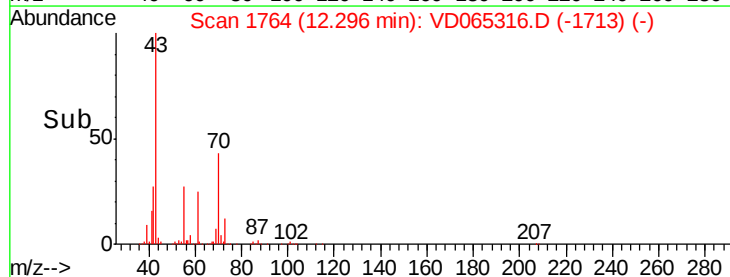
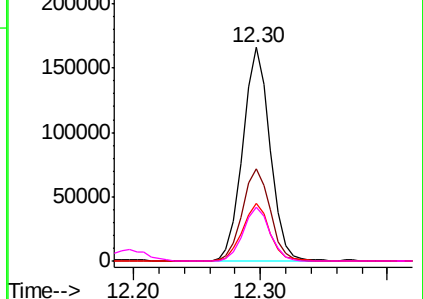


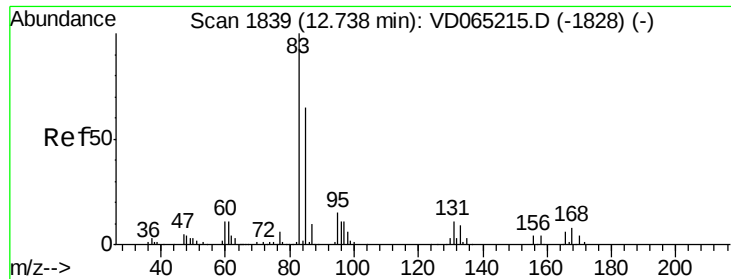
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.612 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

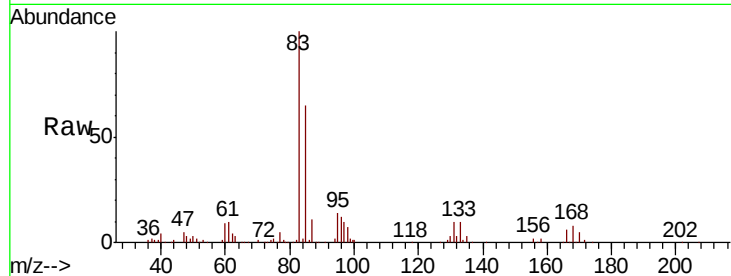
Tot Ion: 83 Resp: 192174

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

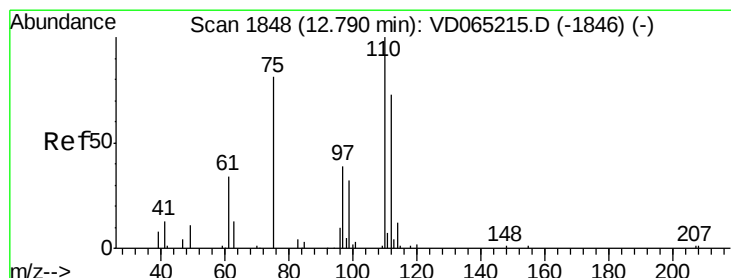
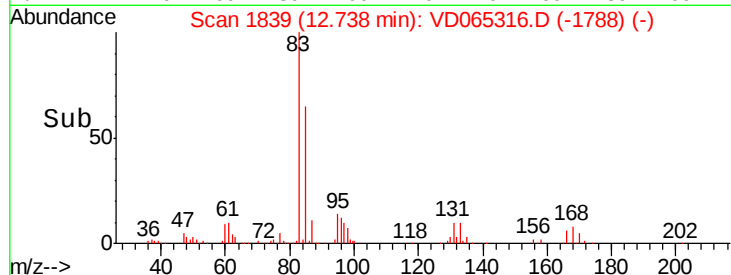
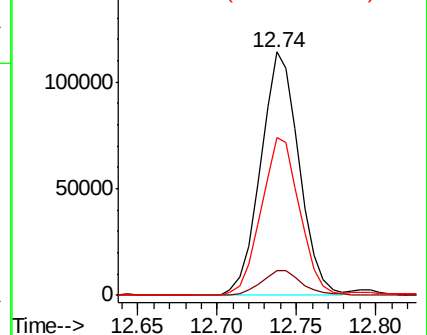
85 65.1 31.6 94.8



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: 97.547 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065316.D

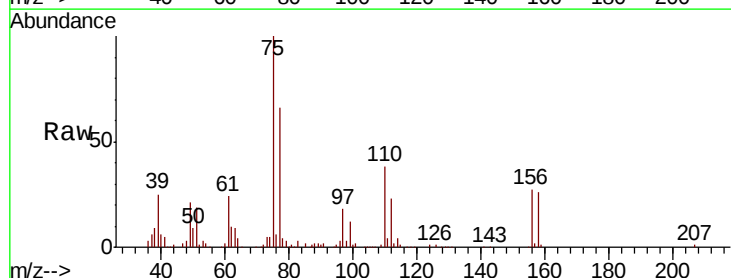
Acq: 25 Feb 2020 18:51

Tgt Ion: 75 Resp: 253720

Ion Ratio Lower Upper

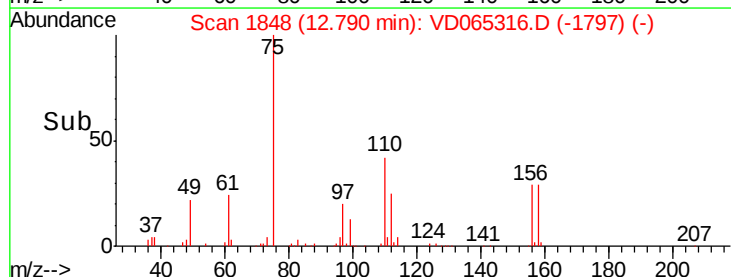
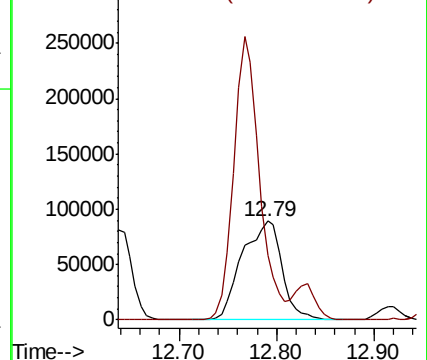
75 100

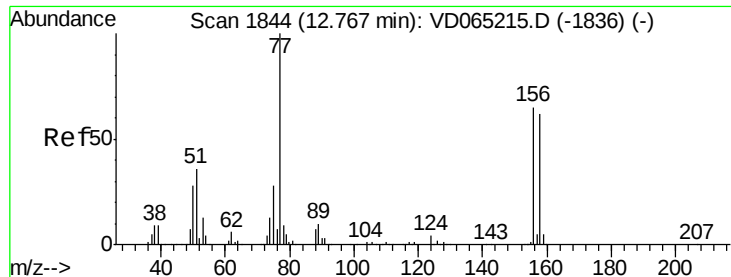
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 54.651 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

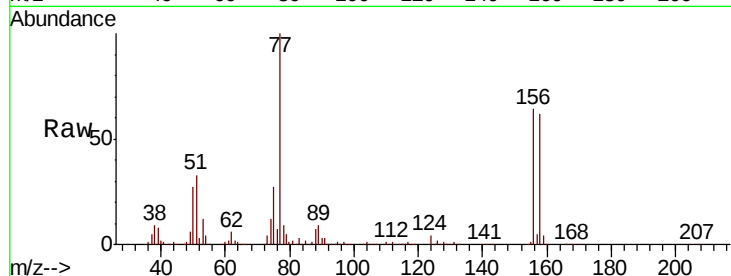
Tot Ion:156 Resp: 274660

Ion Ratio Lower Upper

156 100

77 170.7 86.6 259.7

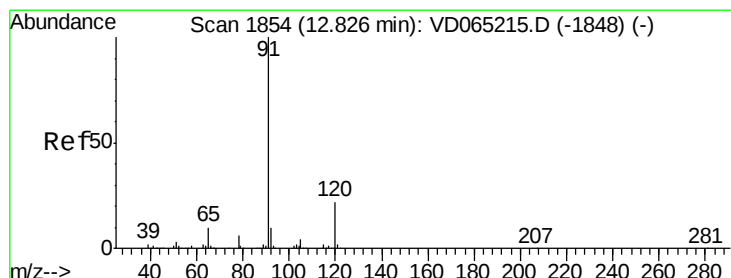
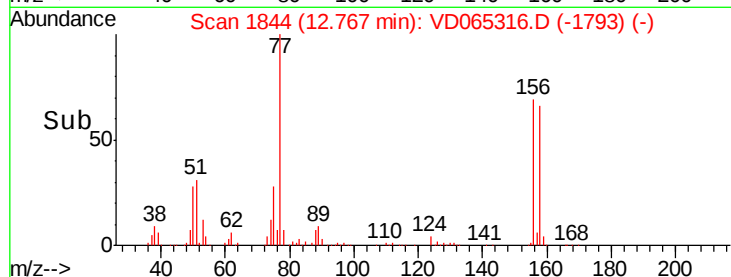
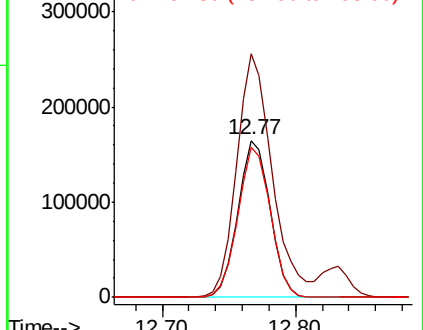
158 96.9 48.1 144.3



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: 55.102 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065316.D

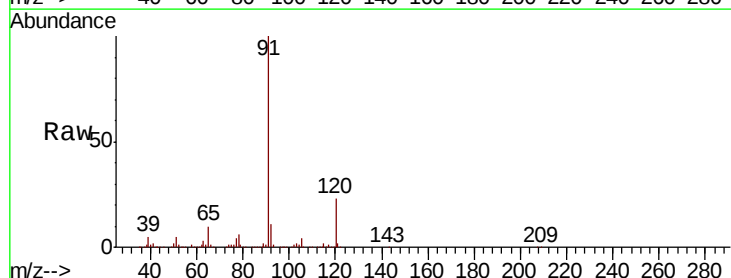
Acq: 25 Feb 2020 18:51

Tgt Ion: 91 Resp: 1340158

Ion Ratio Lower Upper

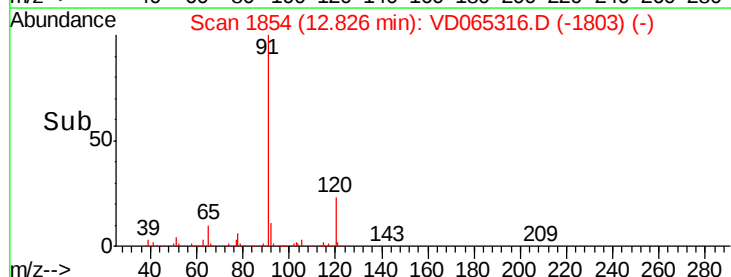
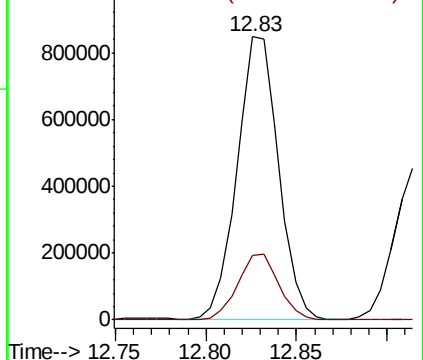
91 100

120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

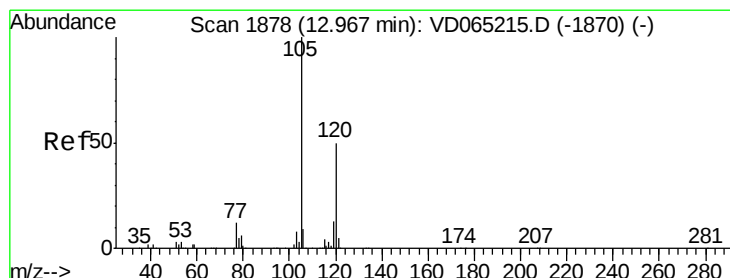
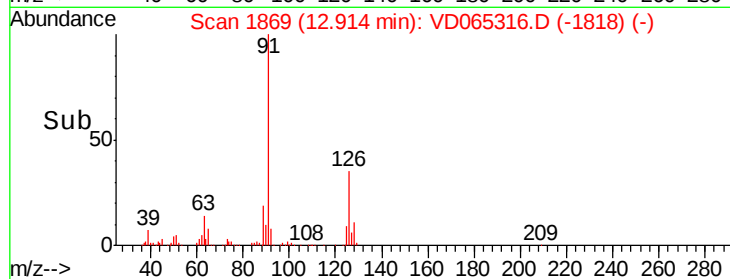
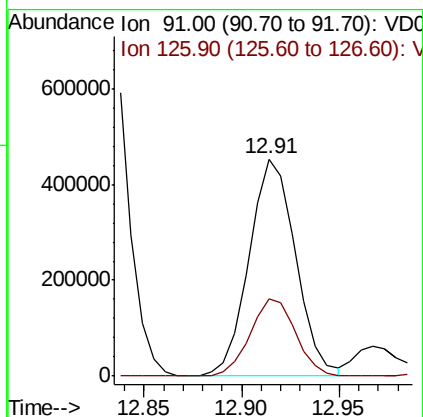
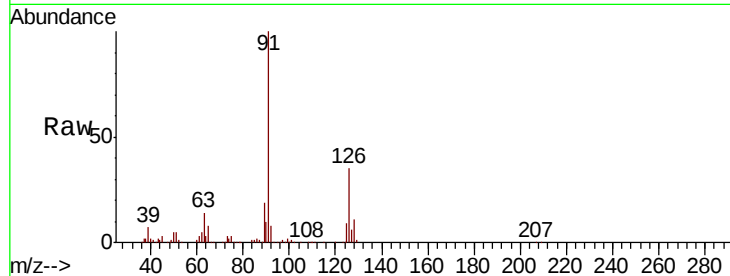




#79
 2-Chlorotoluene
 Concen: 54.763 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

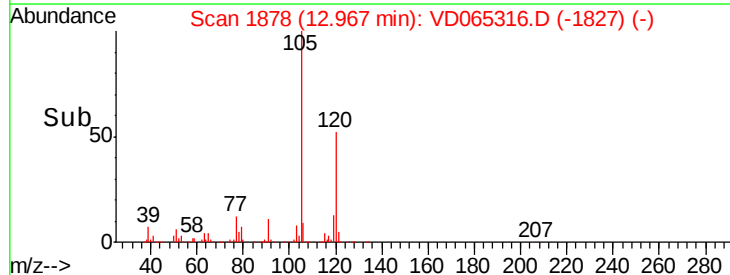
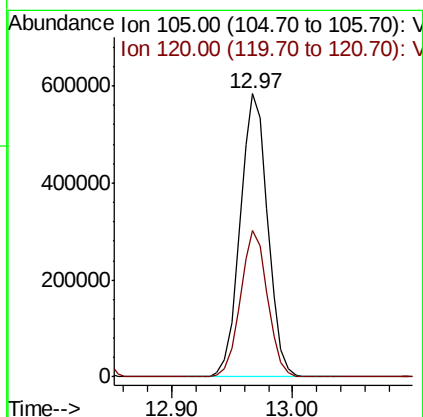
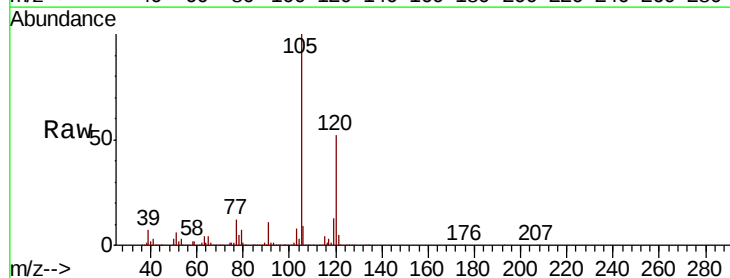
Instrument :
 MSVOA_D
 ClientSampleId :

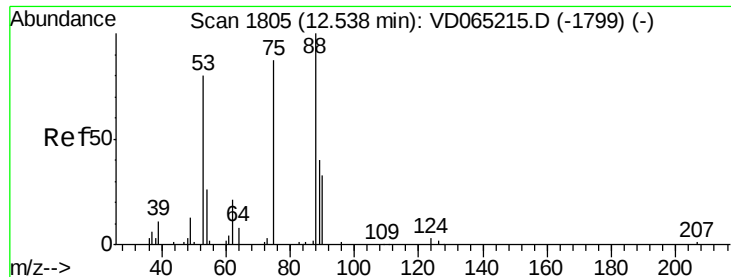
Tot Ion: 91 Resp: 746150
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 55.577 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion: 105 Resp: 926429
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 51.630 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

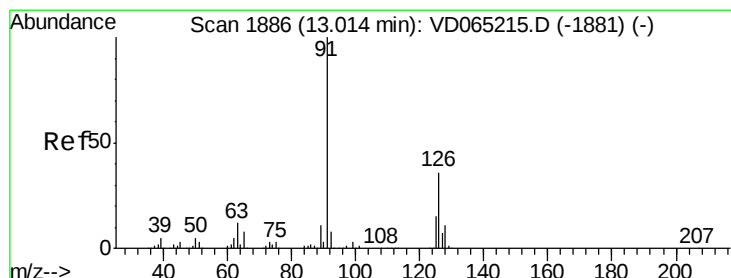
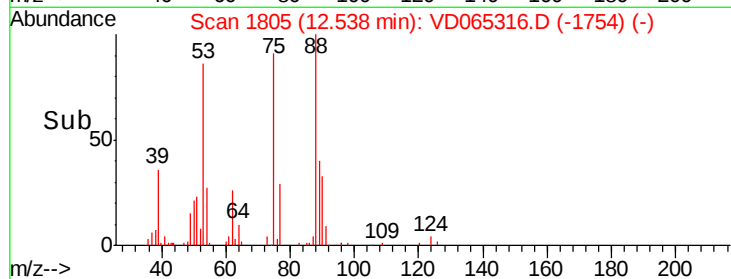
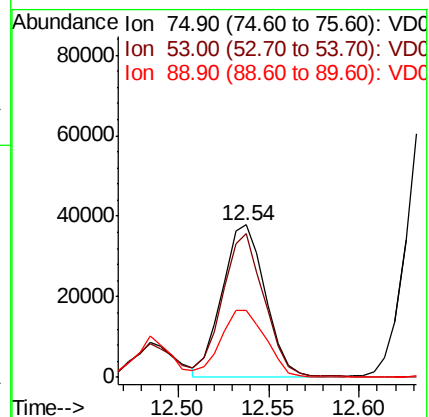
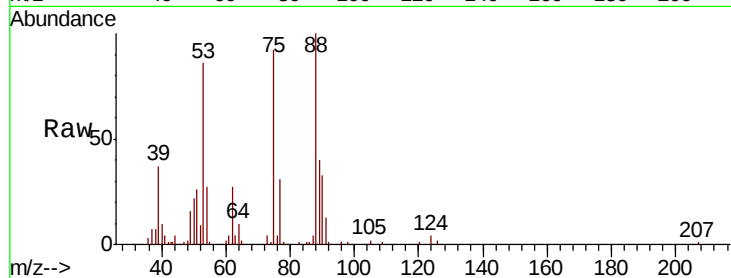
Tot Ion: 75 Resp: 62195

Ion Ratio Lower Upper

75 100

53 92.4 77.6 116.4

89 46.2 37.2 55.8



#82

4-Chlorotoluene

Concen: 54.214 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065316.D

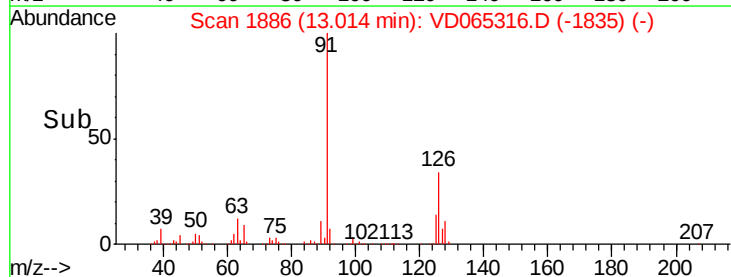
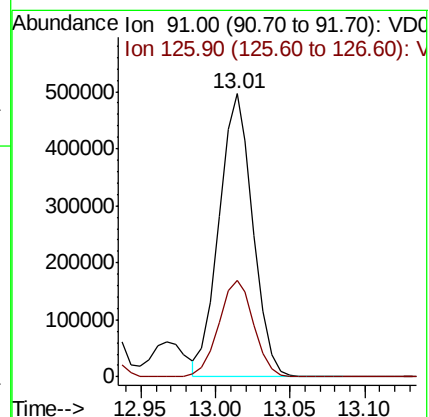
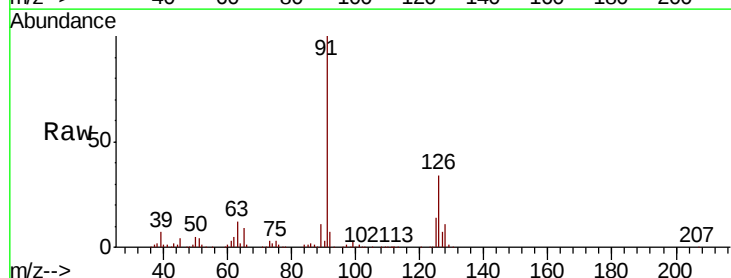
Acq: 25 Feb 2020 18:51

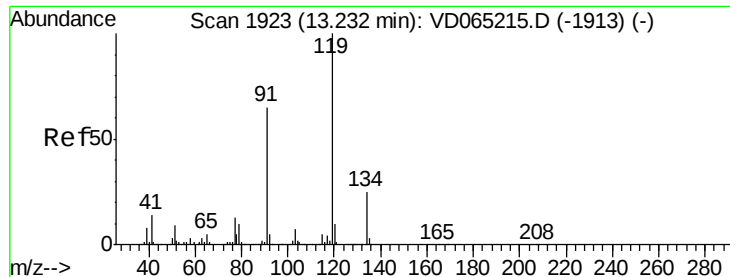
Tgt Ion: 91 Resp: 784202

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.3





#83

tert-Butylbenzene

Concen: 55.392 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VD065316.D

Acq: 25 Feb 2020 18:51

Instrument :

MSVOA_D

ClientSampleId :

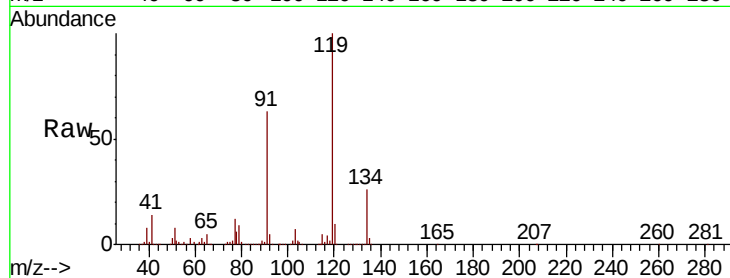
Tot Ion:119 Resp: 773878

Ion Ratio Lower Upper

119 100

91 63.1 31.9 95.5

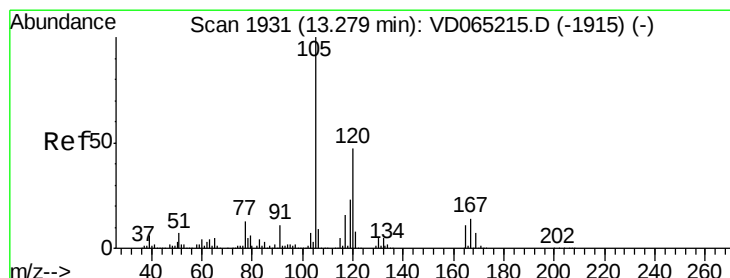
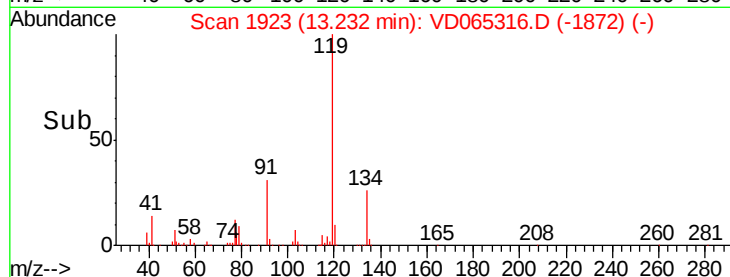
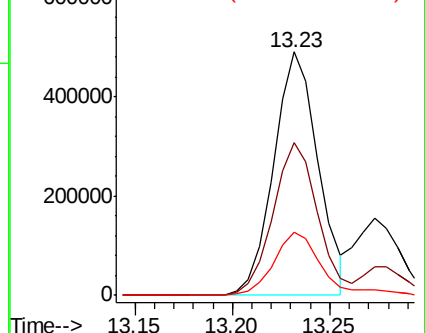
134 27.9 13.8 41.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.581 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.00 min

Lab File: VD065316.D

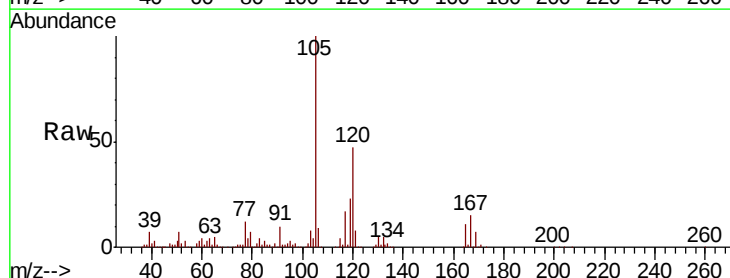
Acq: 25 Feb 2020 18:51

Tgt Ion:105 Resp: 927357

Ion Ratio Lower Upper

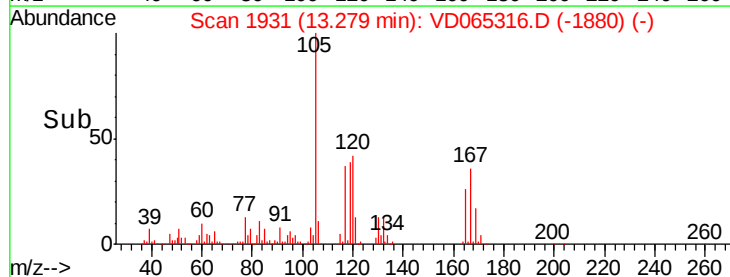
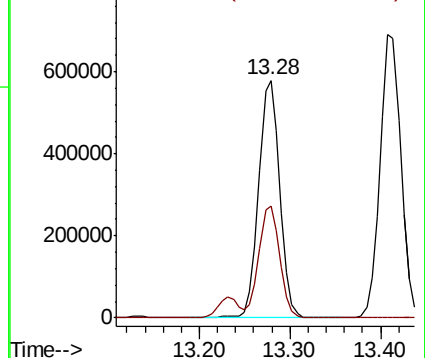
105 100

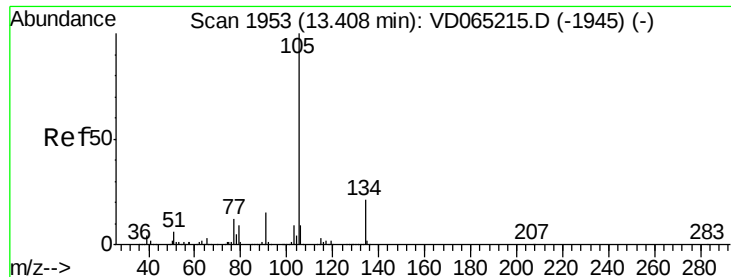
120 46.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

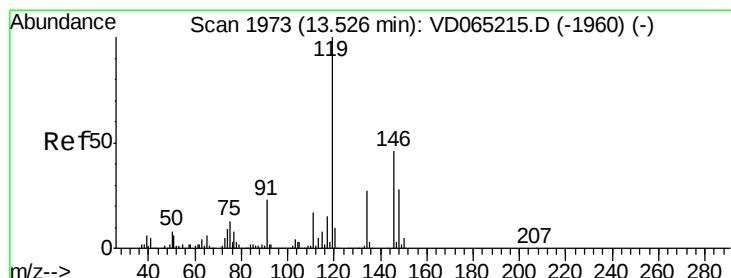
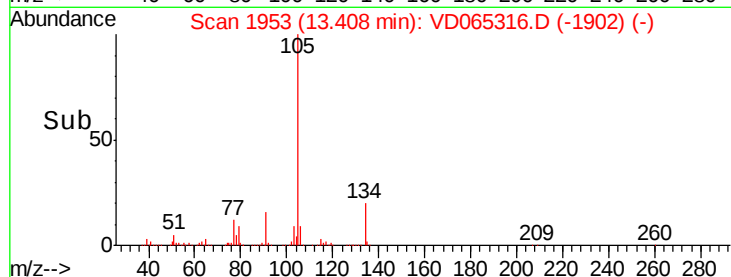
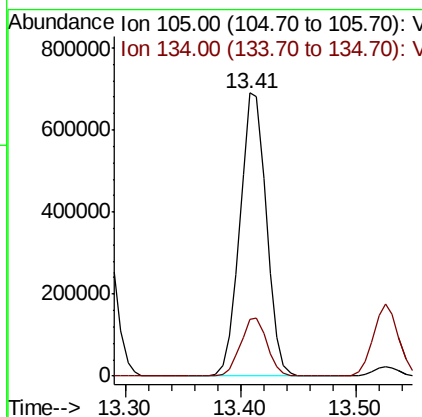
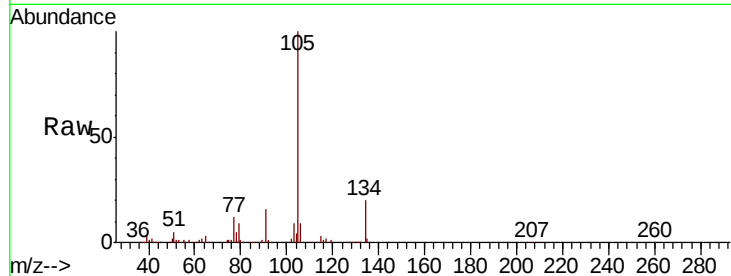




#85
 sec-Butylbenzene
 Concen: 54.432 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

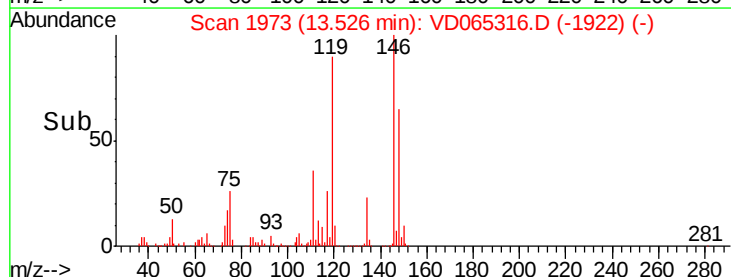
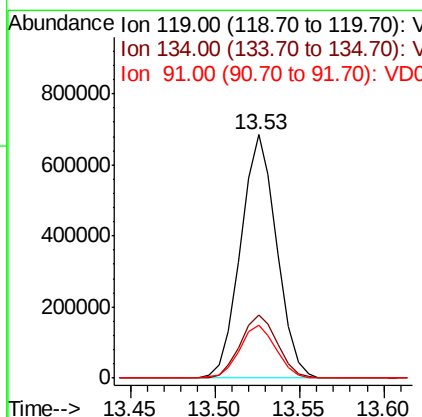
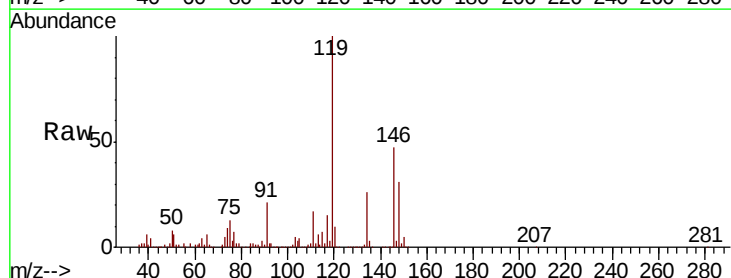
Instrument :
 MSVOA_D
 ClientSampleId :

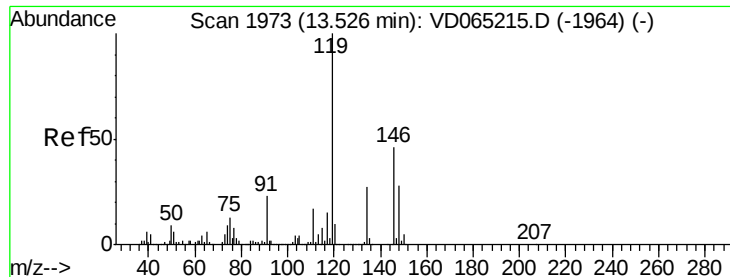
Tot Ion:105 Resp: 1095806
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 55.202 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion:119 Resp: 1016285
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 21.7 11.1 33.1

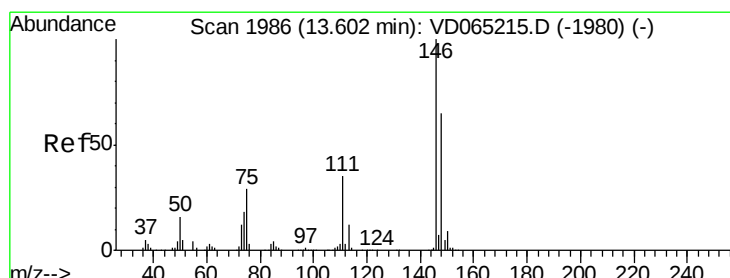
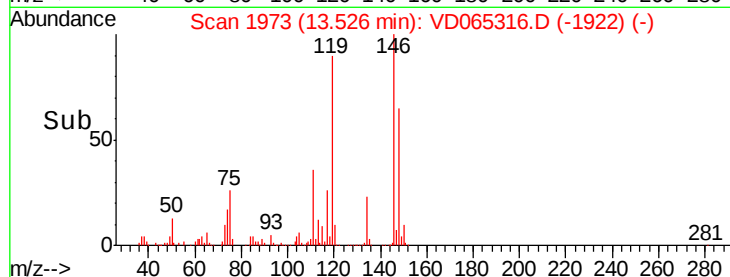
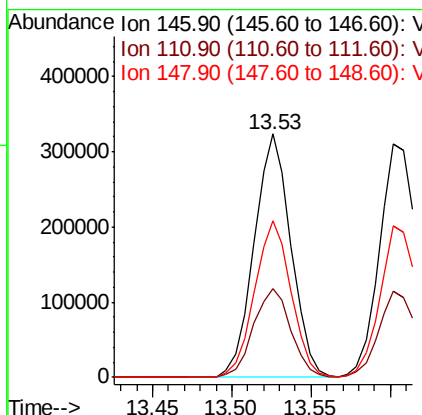
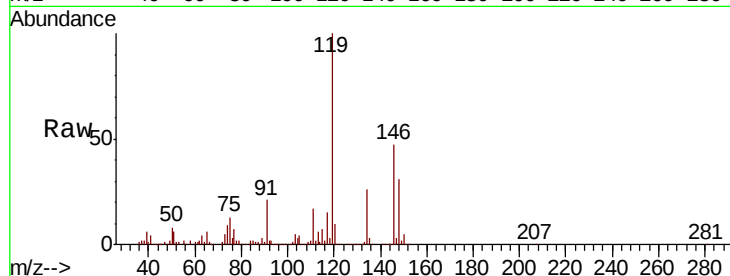




#87
 1,3-Dichlorobenzene
 Concen: 53.696 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

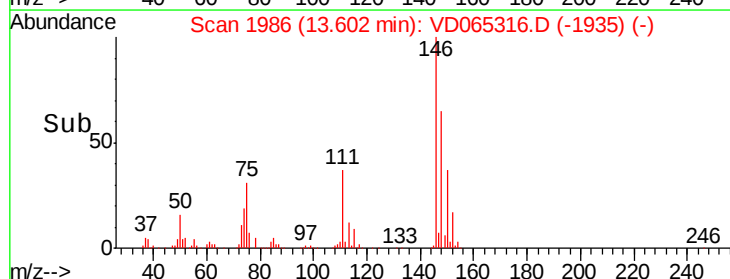
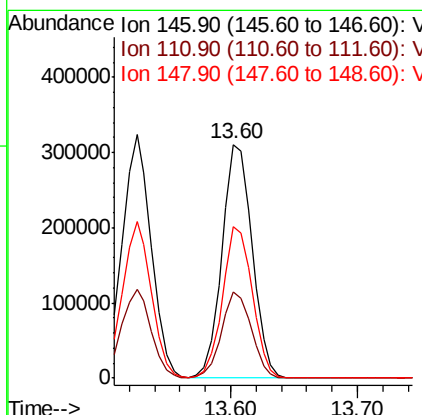
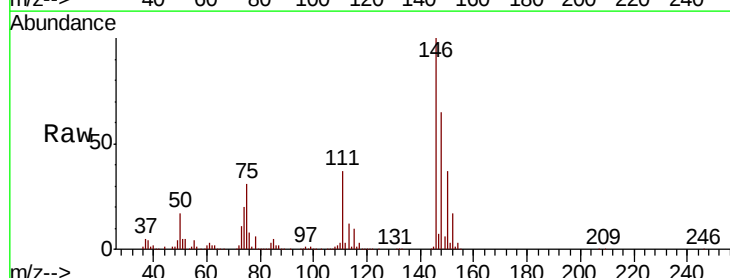
Instrument :
 MSVOA_D
 ClientSampleId :

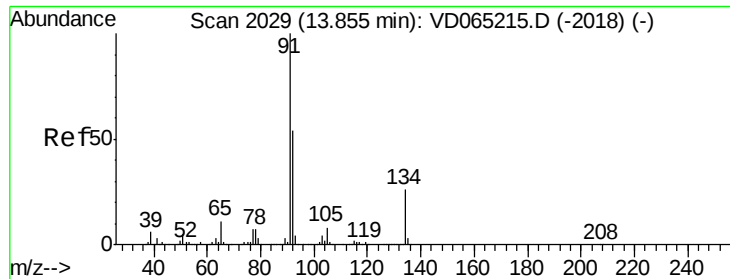
Tot Ion:146 Resp: 521693
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.1 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 53.359 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion:146 Resp: 511657
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.4 55.2
 148 64.0 32.1 96.5

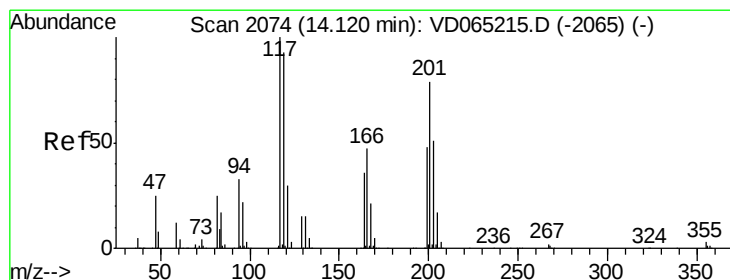
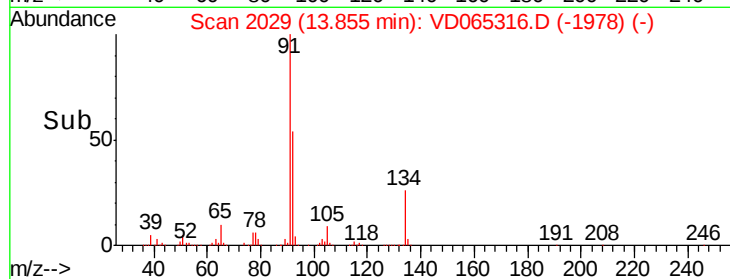
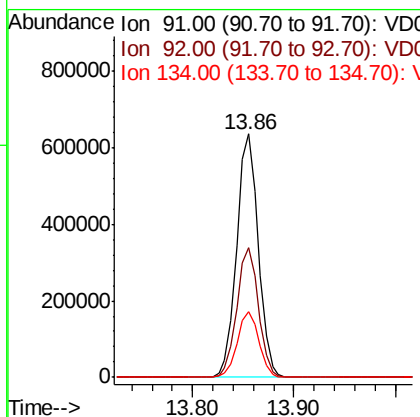
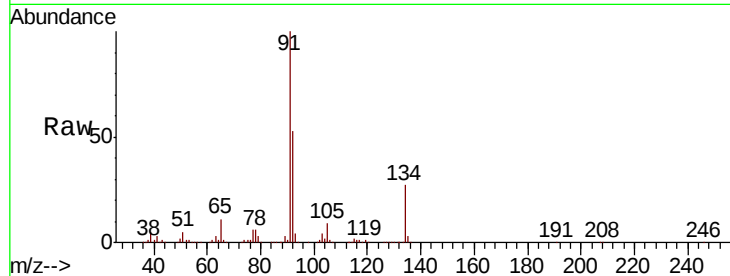




#89
n-Butylbenzene
Concen: 55.413 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

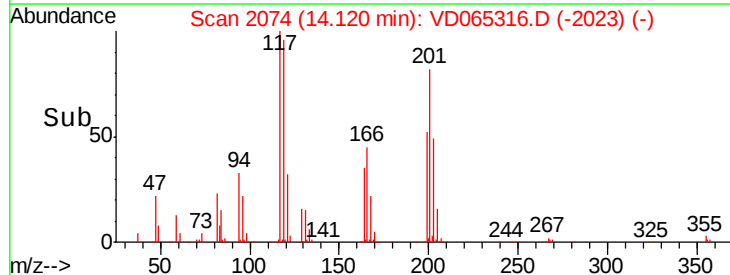
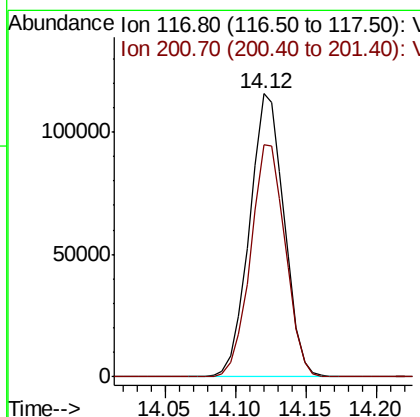
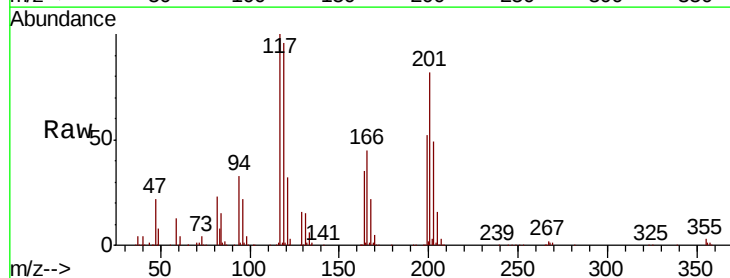
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 91 Resp: 940061
Ion Ratio Lower Upper
91 100
92 53.4 27.0 80.8
134 27.0 13.5 40.4



#90
Hexachloroethane
Concen: 53.289 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion: 117 Resp: 199199
Ion Ratio Lower Upper
117 100
201 82.2 41.3 124.1

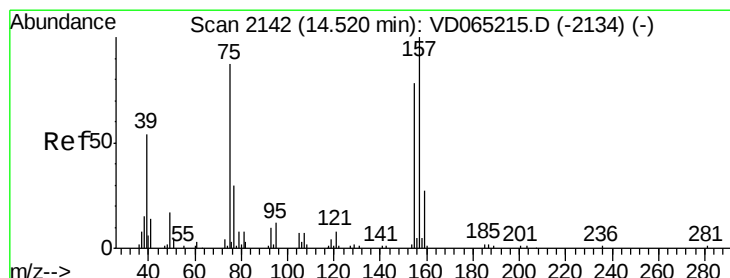
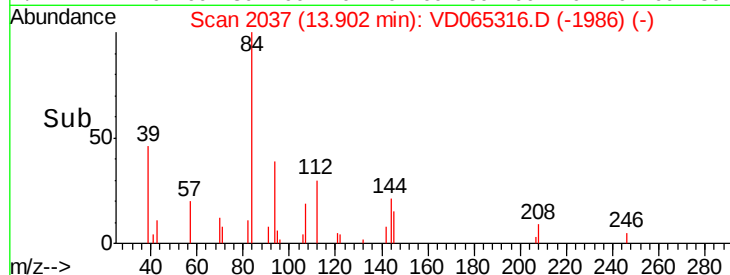
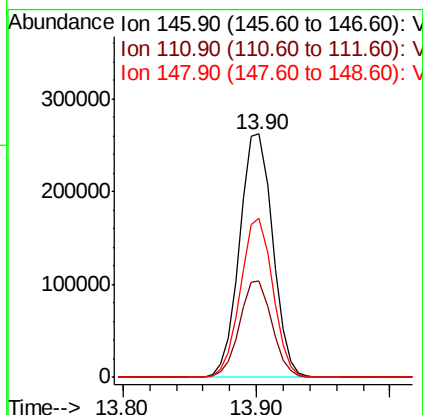
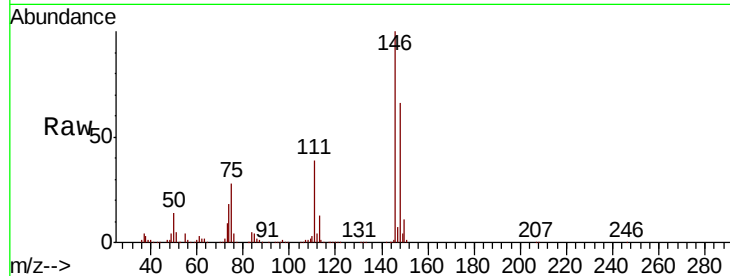




#91
 1,2-Dichlorobenzene
 Concen: 53.942 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

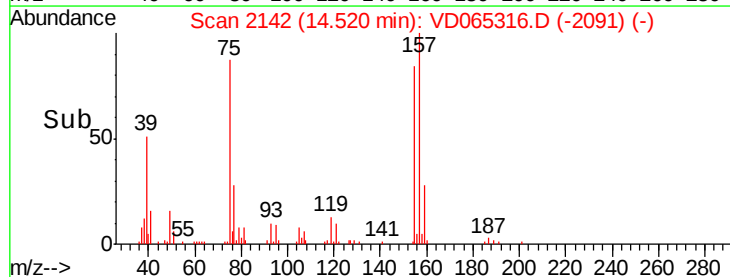
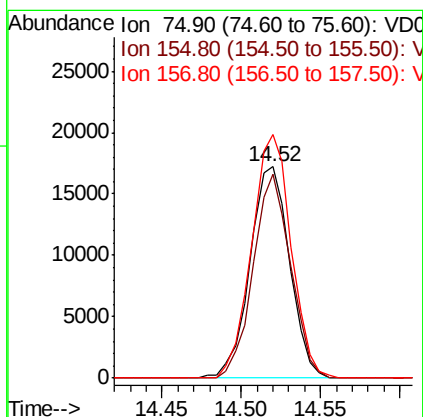
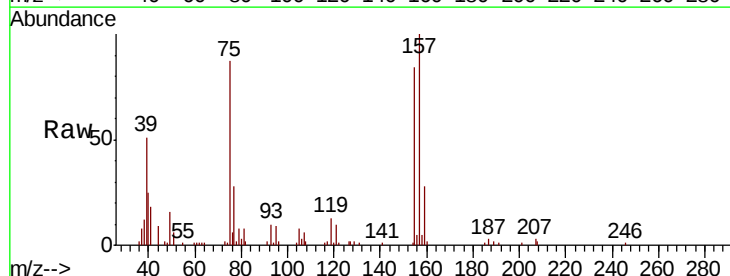
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.7	59.0
148	64.2	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.294 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	42.3	126.9
157	114.8	56.7	170.1

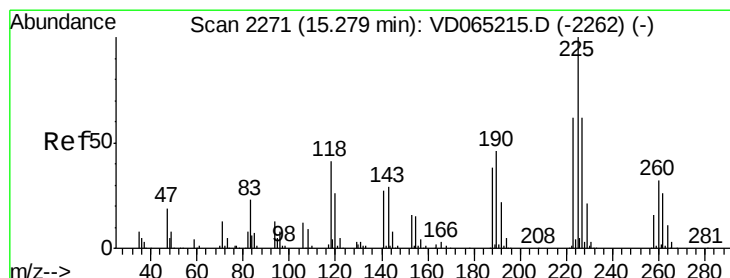
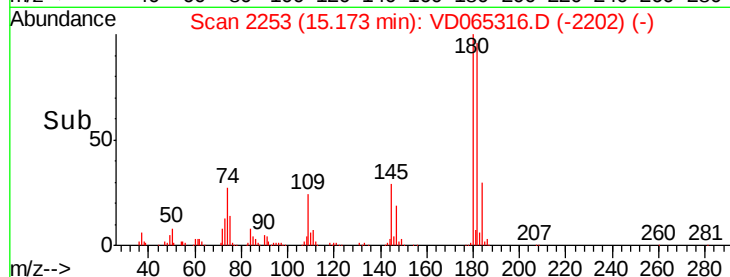
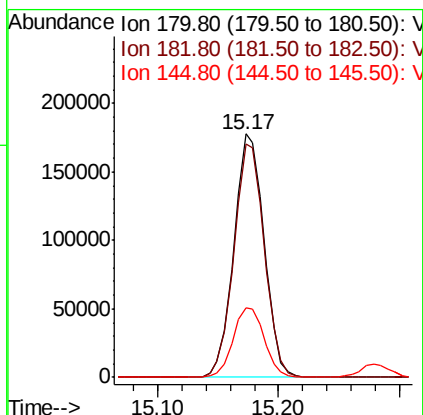
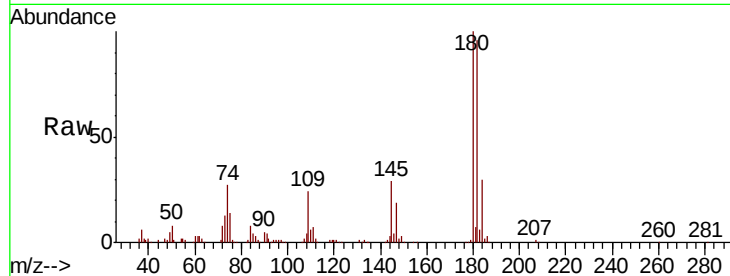




#93
 1,2,4-Trichlorobenzene
 Concen: 56.648 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

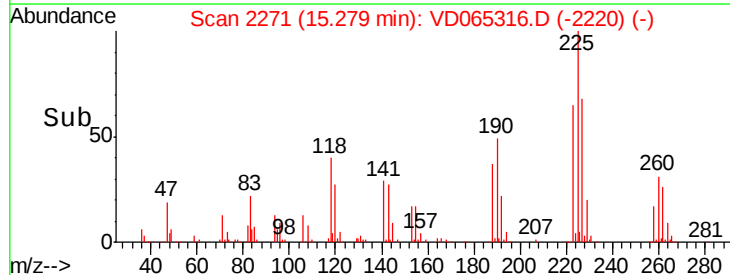
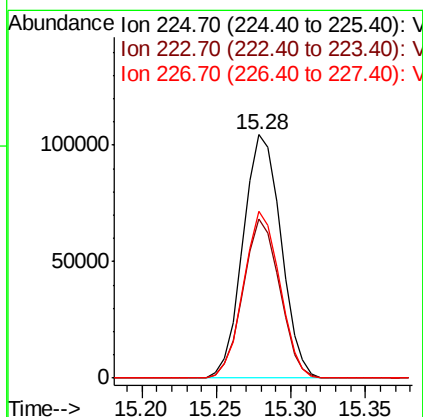
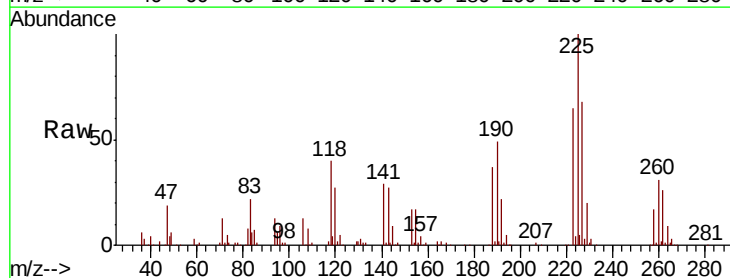
Instrument :
 MSVOA_D
 ClientSampleId :

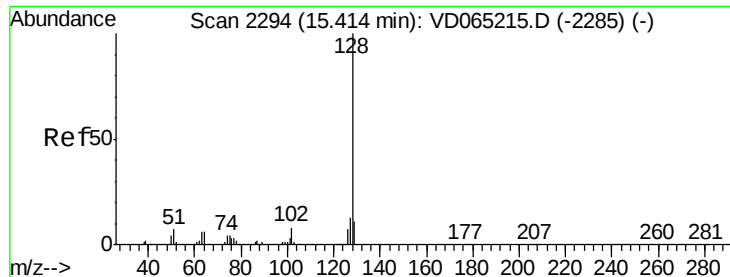
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.9	140.6
145	29.5	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 52.797 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065316.D
 Acq: 25 Feb 2020 18:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.4	94.2
227	65.4	31.7	95.1

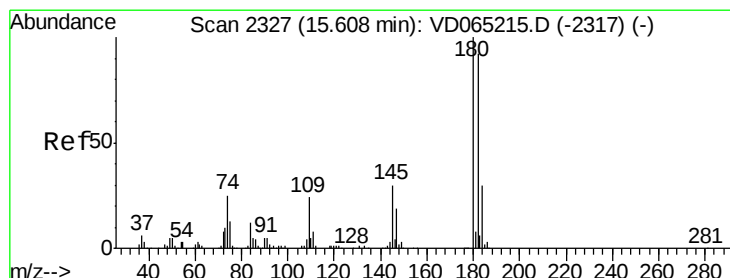
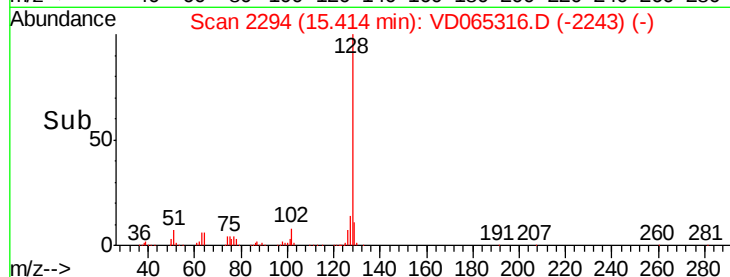
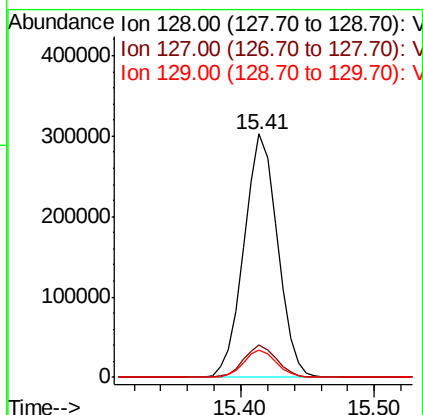
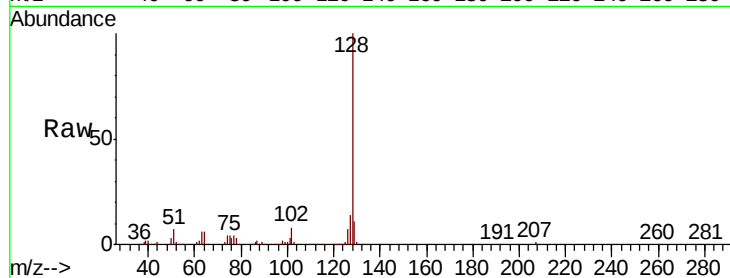




#95
Naphthalene
Concen: 59.300 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 57.257 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065316.D
Acq: 25 Feb 2020 18:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.6
145	30.3	15.4	46.1

