

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032420\
 Data File : VD065520.D
 Acq On : 24 Mar 2020 15:33
 Operator : VA/SY
 Sample : VD0324SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 25 02:12:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	444050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	631183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	582755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301008	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	186399	48.94	ug/l	0.00
Spiked Amount						
			Recovery	=	97.88%	
35) Dibromofluoromethane	7.92	113	205122	52.55	ug/l	0.00
Spiked Amount						
			Recovery	=	105.10%	
50) Toluene-d8	10.34	98	763861	51.01	ug/l	0.00
Spiked Amount						
			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.64	95	250481	54.18	ug/l	0.00
Spiked Amount						
			Recovery	=	108.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	73255	19.195	ug/l	95
3) Chloromethane	2.21	50	91180	19.790	ug/l	99
4) Vinyl Chloride	2.35	62	91264	20.082	ug/l	95
5) Bromomethane	2.77	94	58532	20.127	ug/l	96
6) Chloroethane	2.92	64	57725	20.739	ug/l	97
7) Trichlorofluoromethane	3.27	101	136265	20.349	ug/l	97
8) Diethyl Ether	3.71	74	40495	20.335	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	90103	20.892	ug/l	98
10) Methyl Iodide	4.29	142	85435	19.068	ug/l	98
11) Tert butyl alcohol	5.24	59	18510	84.719	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	81656	19.773	ug/l	97
13) Acrolein	3.93	56	24084	63.916	ug/l	99
14) Allyl chloride	4.71	41	119269	18.800	ug/l	99
15) Acrylonitrile	5.43	53	85462	98.648	ug/l	99
16) Acetone	4.17	43	75662	98.218	ug/l	99
17) Carbon Disulfide	4.40	76	252608	18.368	ug/l	99
18) Methyl Acetate	4.73	43	39501	20.214	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	156574	19.715	ug/l	96
20) Methylene Chloride	4.96	84	99974	21.960	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	92634	20.164	ug/l	92
22) Diisopropyl ether	6.37	45	247543	20.990	ug/l	96
23) Vinyl Acetate	6.31	43	635192	97.004	ug/l	100
24) 1,1-Dichloroethane	6.27	63	157344	20.801	ug/l	98
25) 2-Butanone	7.22	43	100352	95.459	ug/l	97
26) 2,2-Dichloropropane	7.21	77	135670	20.524	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	96728	20.599	ug/l	98
28) Bromochloromethane	7.55	49	60776	20.082	ug/l	99
29) Tetrahydrofuran	7.57	42	64229	95.673	ug/l	99
30) Chloroform	7.71	83	160573	21.238	ug/l	98
31) Cyclohexane	7.98	56	139238	18.409	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	146322	20.942	ug/l	98
36) 1,1-Dichloropropene	8.11	75	126892	20.973	ug/l	99
37) Ethyl Acetate	7.30	43	46192	19.753	ug/l	97
38) Carbon Tetrachloride	8.10	117	132354	21.096	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	138733	18.985	ug/l	95
40) Benzene	8.36	78	359392	21.245	ug/l	99
41) Methacrylonitrile	7.57	41	64632	52.260	ug/l #	15
42) 1,2-Dichloroethane	8.43	62	95134	21.537	ug/l	99
43) Isopropyl Acetate	8.46	43	83329	19.298	ug/l	97
44) Trichloroethene	9.12	130	104396	21.853	ug/l	96
45) 1,2-Dichloropropane	9.39	63	87537	21.363	ug/l	98
46) Dibromomethane	9.48	93	46758	21.999	ug/l	99
47) Bromodichloromethane	9.67	83	121035	21.889	ug/l	100
48) Methyl methacrylate	9.46	41	38151	18.783	ug/l	95
49) 1,4-Dioxane	9.47	88	10753	442.281	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	217704	100.191	ug/l	99
52) Toluene	10.41	92	228785	21.469	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	108577	21.012	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	132625	21.204	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	67116	22.295	ug/l	97
56) Ethyl methacrylate	10.67	69	66305	19.537	ug/l	99
57) 1,3-Dichloropropane	10.95	76	110118	21.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	111043	105.956	ug/l	97
59) 2-Hexanone	10.99	43	149717	99.535	ug/l	98
60) Dibromochloromethane	11.14	129	88182	22.852	ug/l	99
61) 1,2-Dibromoethane	11.25	107	62141	21.641	ug/l	98
64) Tetrachloroethene	10.88	164	89492	21.431	ug/l	96
65) Chlorobenzene	11.67	112	245183	21.261	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	94171	22.422	ug/l	97
67) Ethyl Benzene	11.75	91	408441	20.498	ug/l	99
68) m/p-Xylenes	11.86	106	330470	43.012	ug/l	99
69) o-Xylene	12.18	106	139979	20.712	ug/l	98
70) Styrene	12.20	104	256933	21.601	ug/l	99
71) Bromoform	12.37	173	51019	21.626	ug/l #	97
73) Isopropylbenzene	12.48	105	379858	19.186	ug/l	98
74) N-amyl acetate	12.30	43	73050	18.022	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	70627	20.294	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	89155	37.536	ug/l #	100
77) Bromobenzene	12.77	156	103197	20.979	ug/l	98
78) n-propylbenzene	12.83	91	473744	20.167	ug/l	100
79) 2-Chlorotoluene	12.91	91	267020	20.169	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	328371	20.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	21806	19.374	ug/l	98
82) 4-Chlorotoluene	13.01	91	286389	20.585	ug/l	99
83) tert-Butylbenzene	13.23	119	268290	19.483	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	329876	20.560	ug/l	99
85) sec-Butylbenzene	13.41	105	388059	19.743	ug/l	99
86) p-Isopropyltoluene	13.53	119	365226	20.363	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	196437	20.771	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	195802	20.814	ug/l	99
89) n-Butylbenzene	13.86	91	321539	19.391	ug/l	99
90) Hexachloroethane	14.12	117	75550	20.454	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	170261	21.156	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	10161	19.171	ug/l	99

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Response via : Initial Calibration

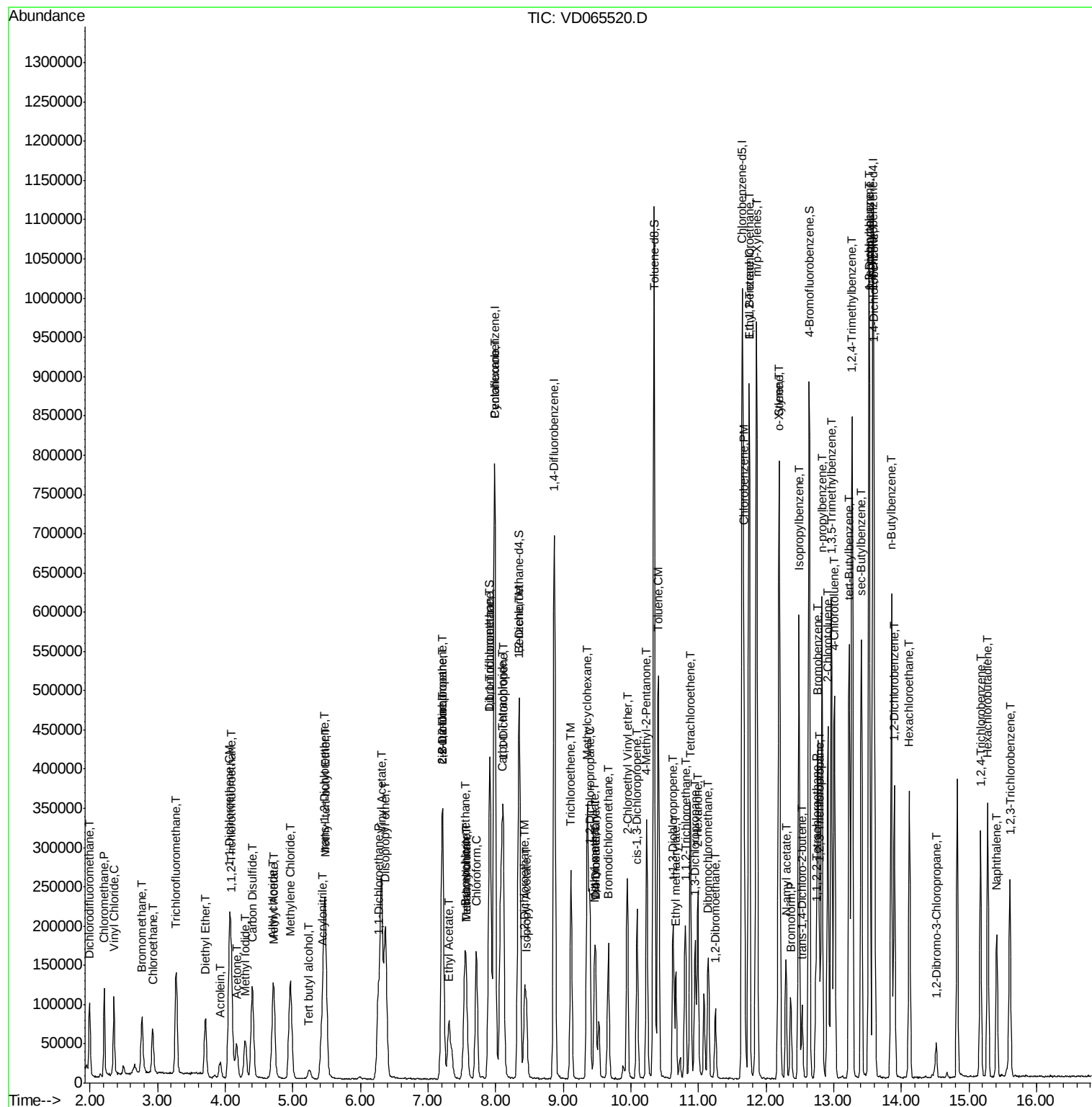
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	113410	20.791	ug/l	97
94) Hexachlorobutadiene	15.28	225	74495	20.785	ug/l	98
95) Naphthalene	15.41	128	162783	19.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	99447	21.098	ug/l	98

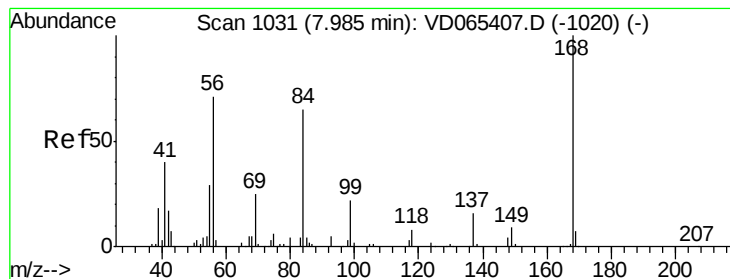
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

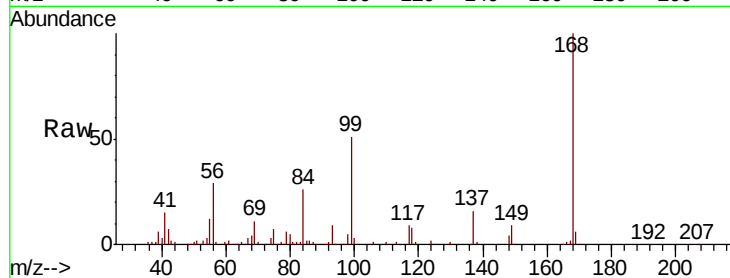
ClientSampled :

Tot Ion:168 Resp: 444050

Ion Ratio Lower Upper

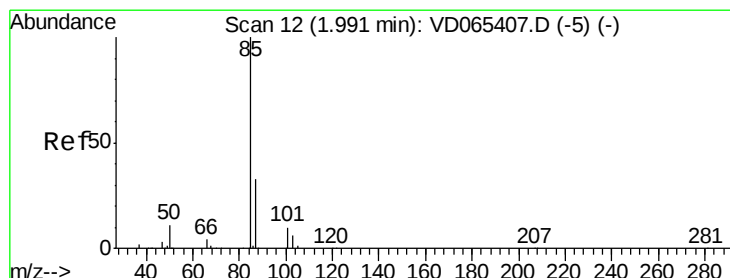
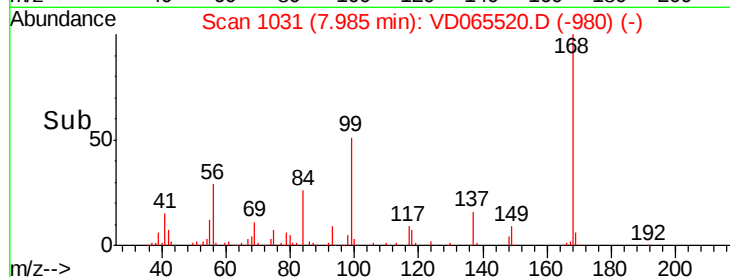
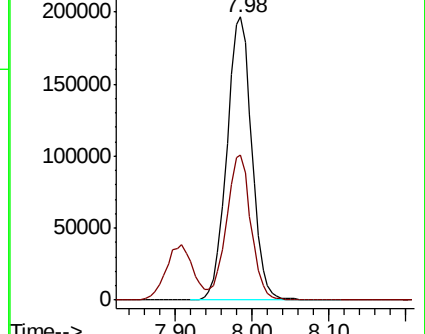
168 100

99 51.2 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.195 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065520.D

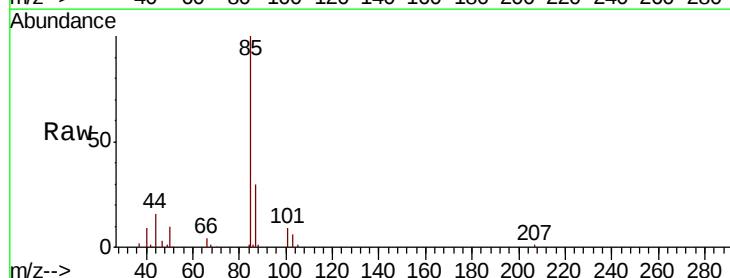
Acq: 24 Mar 2020 15:33

Tgt Ion: 85 Resp: 73255

Ion Ratio Lower Upper

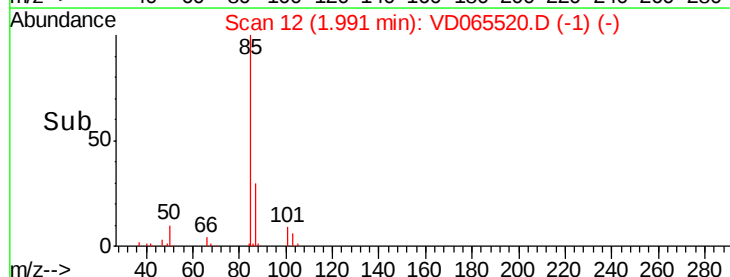
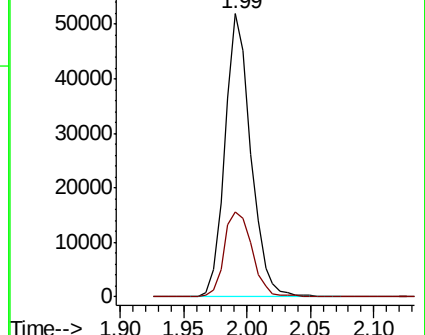
85 100

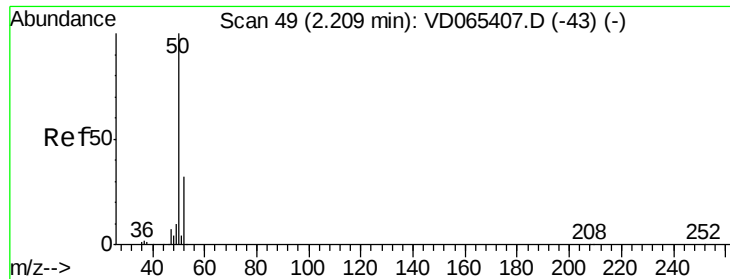
87 29.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.790 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

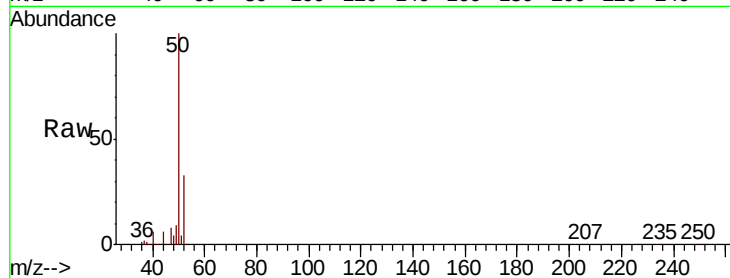
ClientSampleId :

Tot Ion: 50 Resp: 91180

Ion Ratio Lower Upper

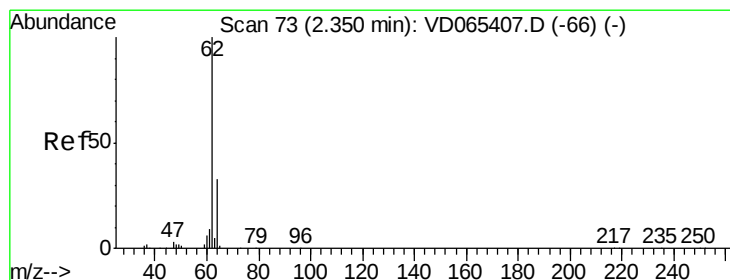
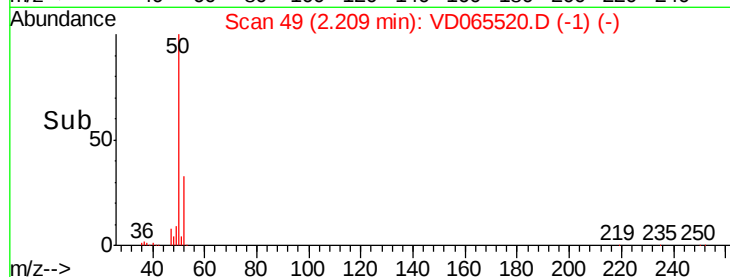
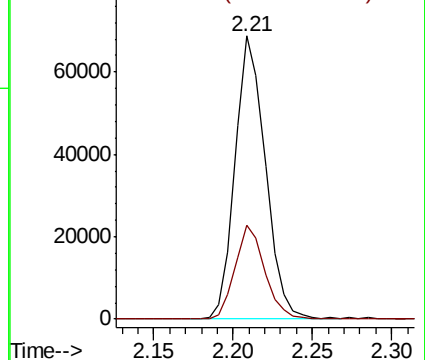
50 100

52 33.0 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.082 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065520.D

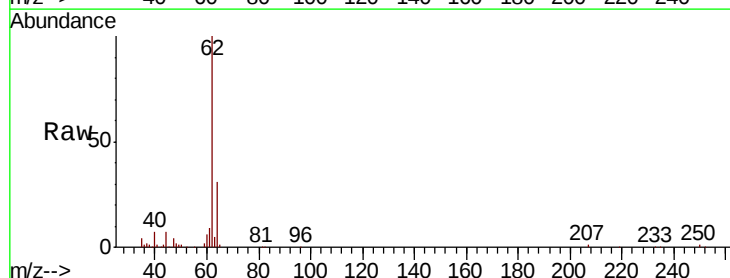
Acq: 24 Mar 2020 15:33

Tgt Ion: 62 Resp: 91264

Ion Ratio Lower Upper

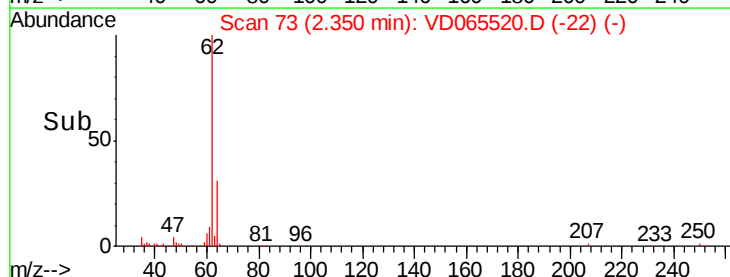
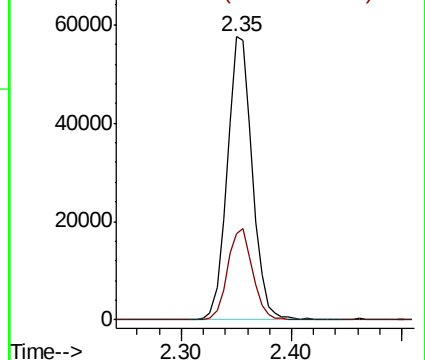
62 100

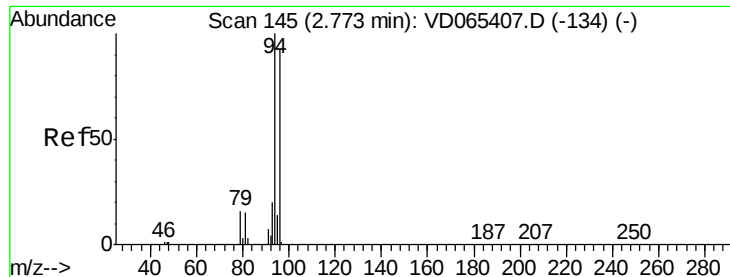
64 30.6 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.127 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

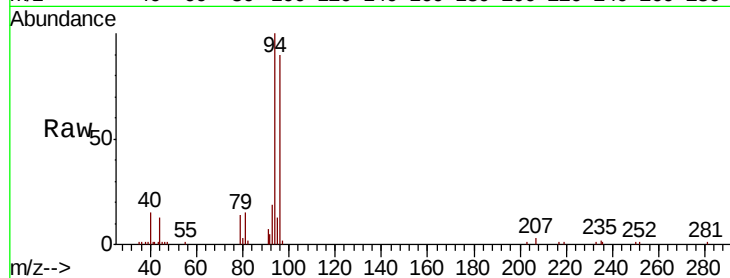
ClientSampleId :

Tot Ion: 94 Resp: 58532

Ion Ratio Lower Upper

94 100

96 89.4 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

25000

20000

15000

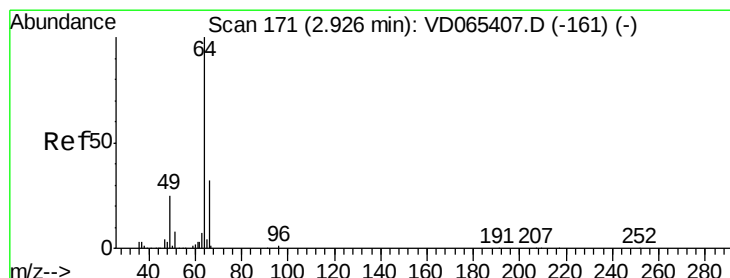
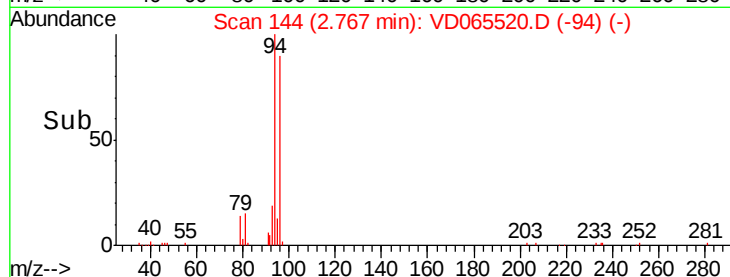
10000

5000

0

Time-->

2.70 2.80



#6

Chloroethane

Concen: 20.739 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065520.D

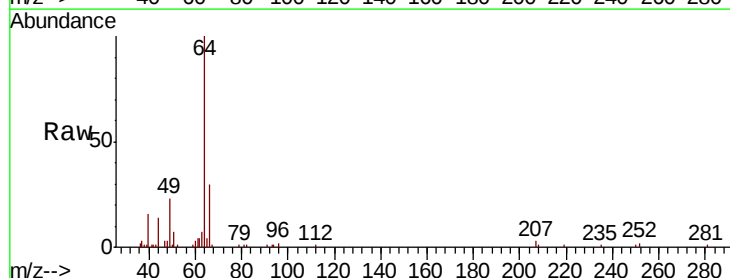
Acq: 24 Mar 2020 15:33

Tgt Ion: 64 Resp: 57725

Ion Ratio Lower Upper

64 100

66 30.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

25000

20000

15000

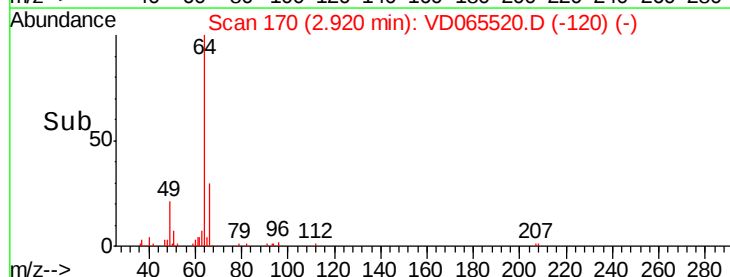
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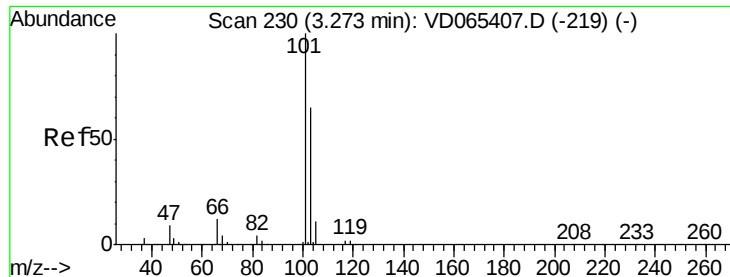
5000

0

Time-->

2.85 2.90 2.95 3.00



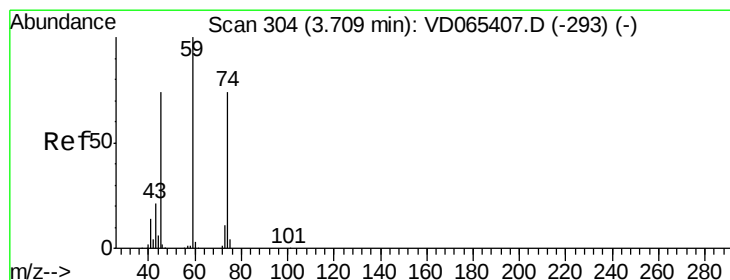
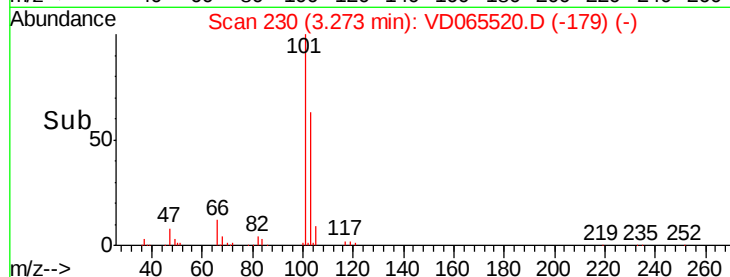
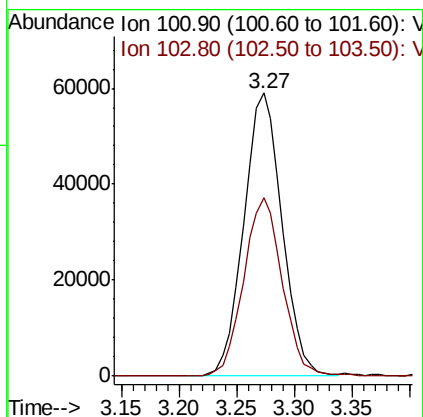
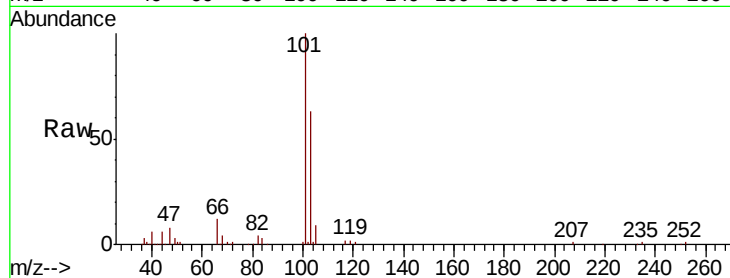


#7

Trichlorofluoromethane
 Concen: 20.349 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Instrument :
 MSVOA_D
 ClientSampleId :

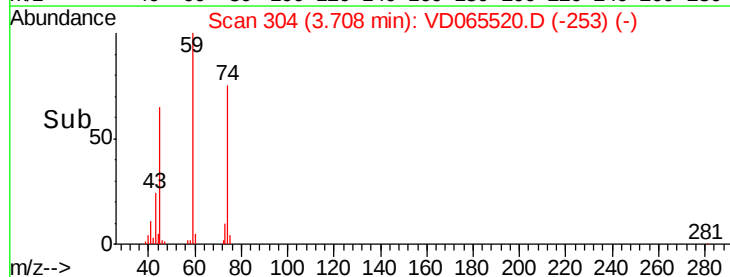
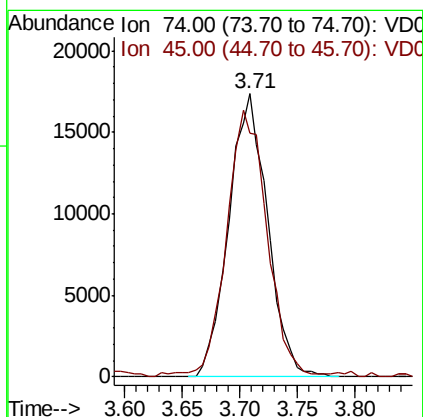
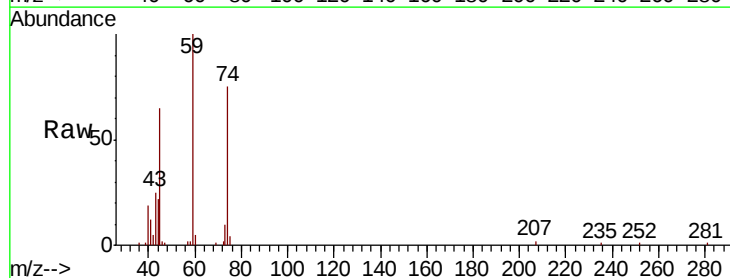
Tot Ion:101 Resp: 136265
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.1 78.1

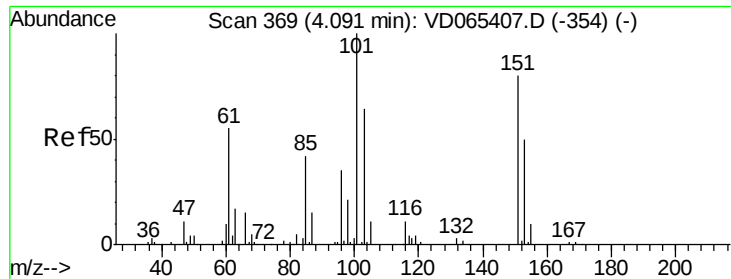


#8

Diethyl Ether
 Concen: 20.335 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Tgt Ion: 74 Resp: 40495
 Ion Ratio Lower Upper
 74 100
 45 98.7 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.892 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

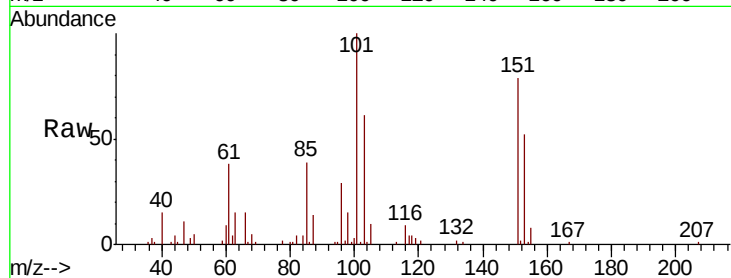
Tot Ion:101 Resp: 90103

Ion Ratio Lower Upper

101 100

85 40.6 34.2 51.2

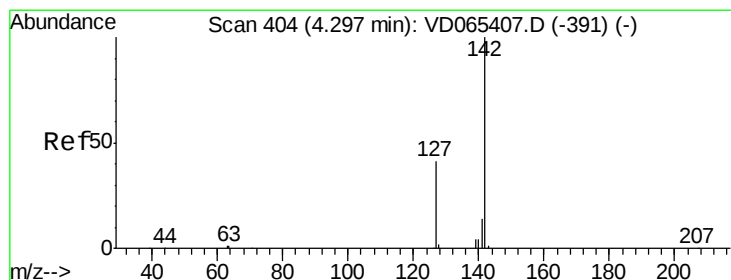
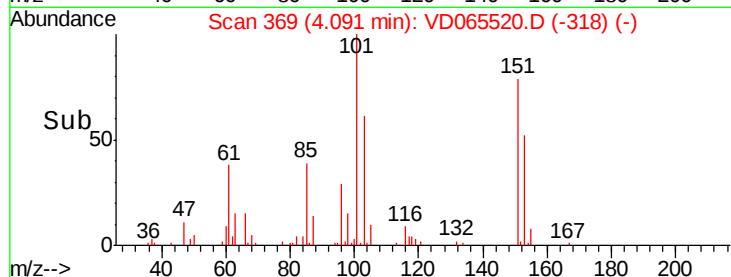
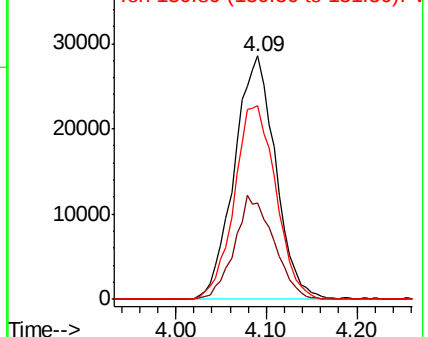
151 80.5 65.1 97.7



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: 19.068 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

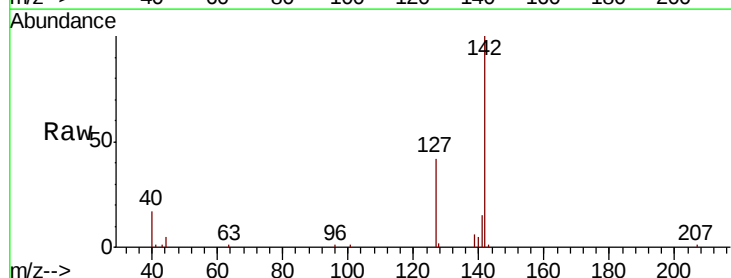
Tgt Ion:142 Resp: 85435

Ion Ratio Lower Upper

142 100

127 42.1 35.0 52.6

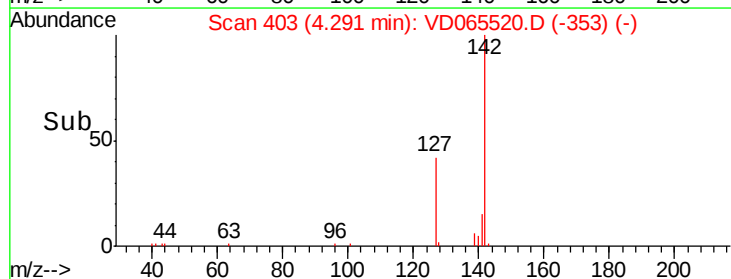
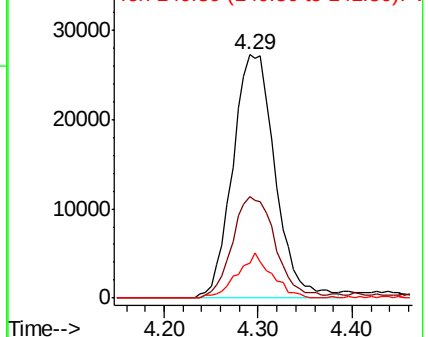
141 15.0 12.4 18.6

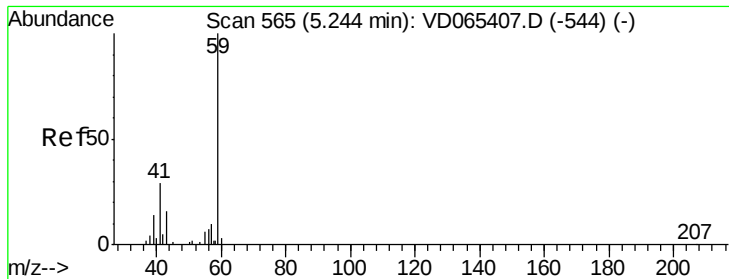


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



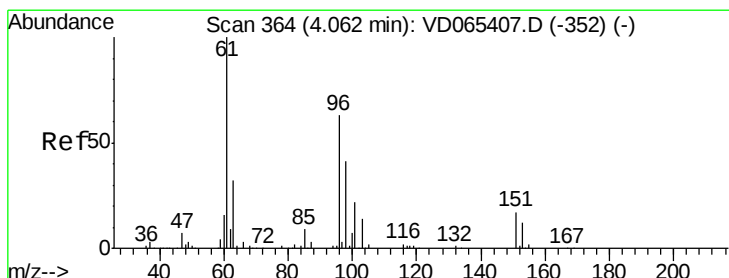
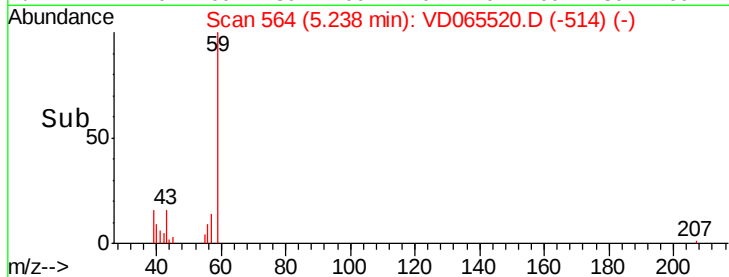
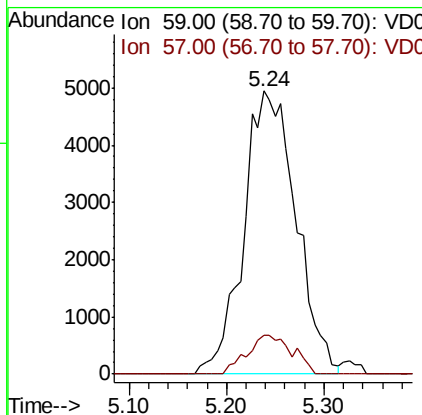
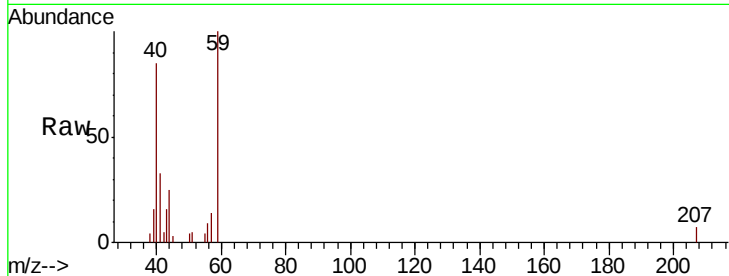


#11

Tert butyl alcohol
 Concen: 84.719 ug/l
 RT: 5.24 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Instrument :
 MSVOA_D
 ClientSampled :

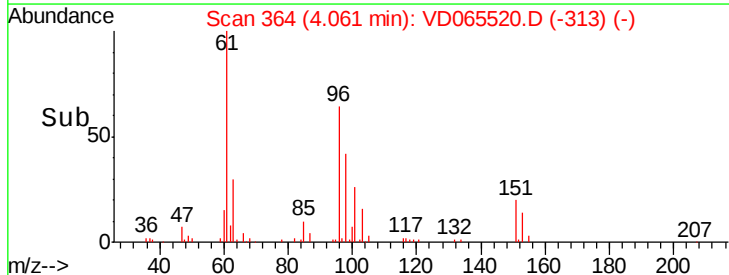
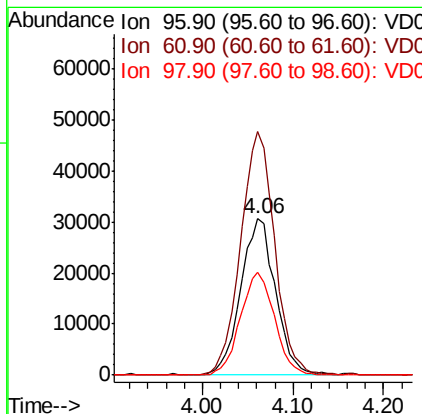
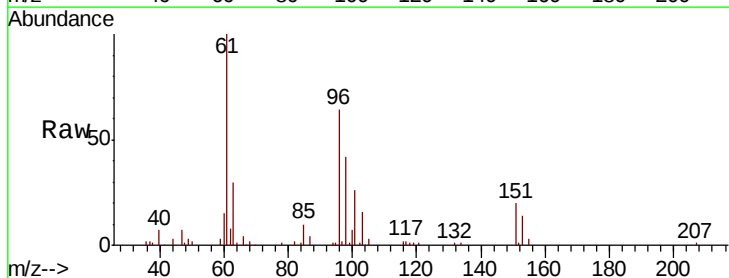
Tot Ion: 59 Resp: 18510
 Ion Ratio Lower Upper
 59 100
 57 11.9 6.9 10.3#

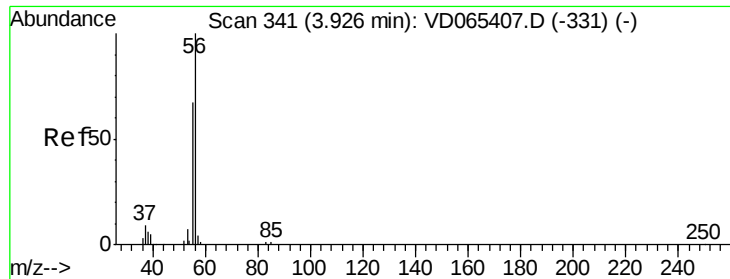


#12

1,1-Dichloroethene
 Concen: 19.773 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Tgt Ion: 96 Resp: 81656
 Ion Ratio Lower Upper
 96 100
 61 155.7 128.0 192.0
 98 65.7 51.9 77.9

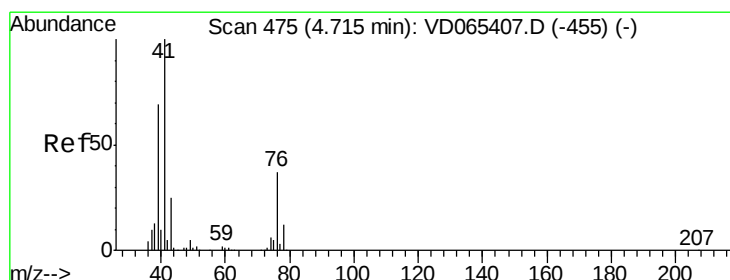
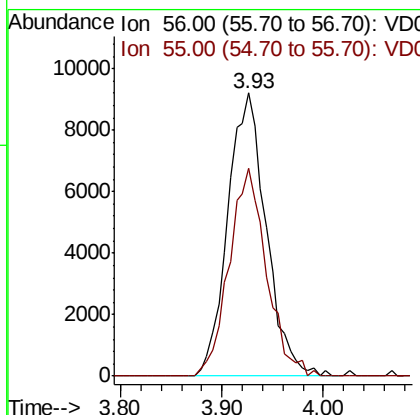
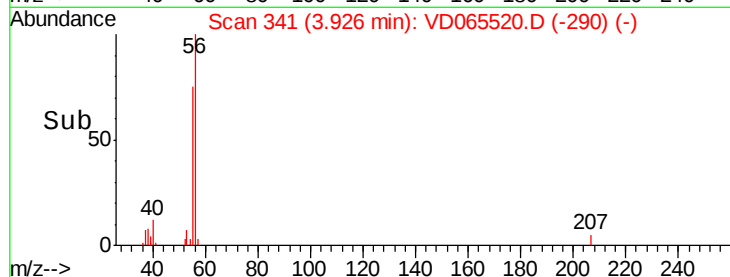
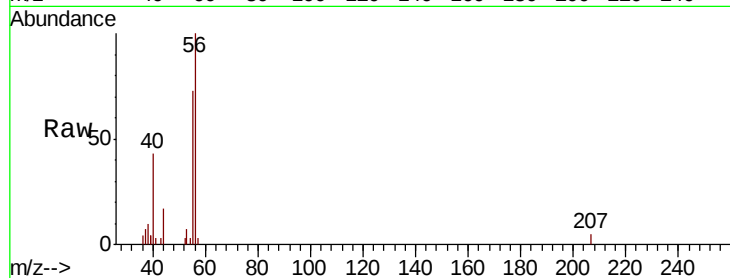




#13
Acrolein
Concen: 63.916 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

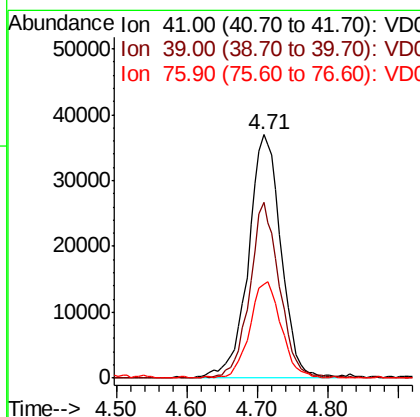
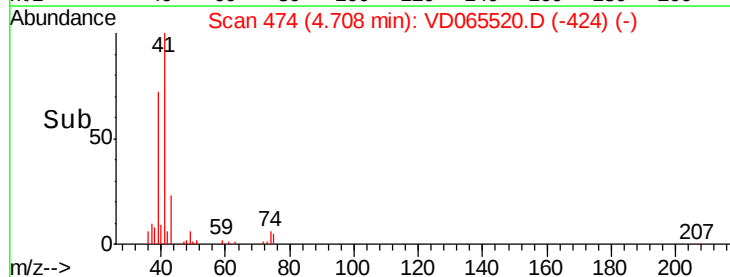
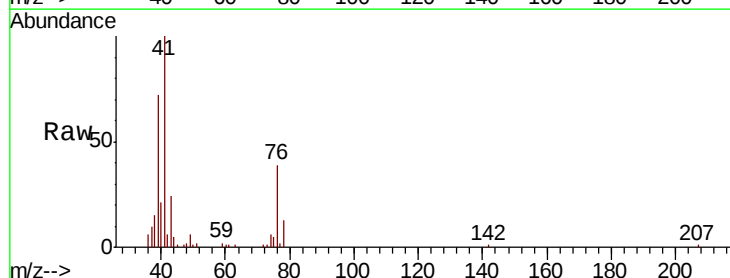
Instrument :
MSVOA_D
ClientSampled :

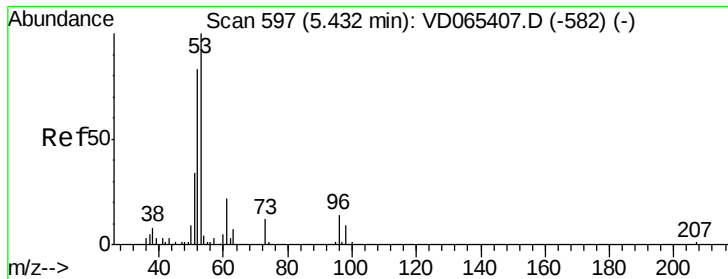
Tot Ion: 56 Resp: 24084
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0



#14
Allyl chloride
Concen: 18.800 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 41 Resp: 119269
Ion Ratio Lower Upper
41 100
39 66.0 52.6 79.0
76 38.1 29.2 43.8





#15

Acrylonitrile

Concen: 98.648 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

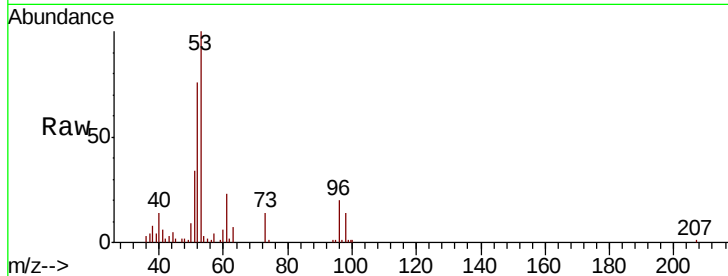
Tot Ion: 53 Resp: 85462

Ion Ratio Lower Upper

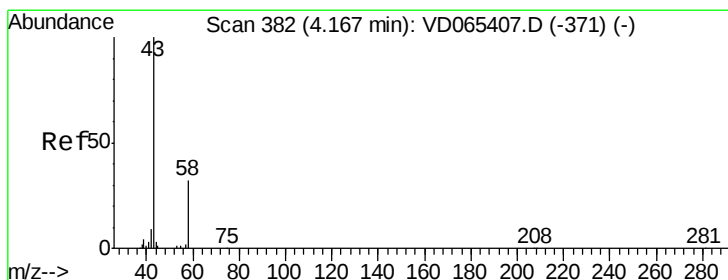
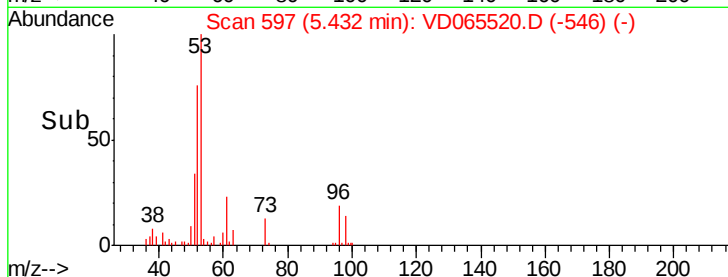
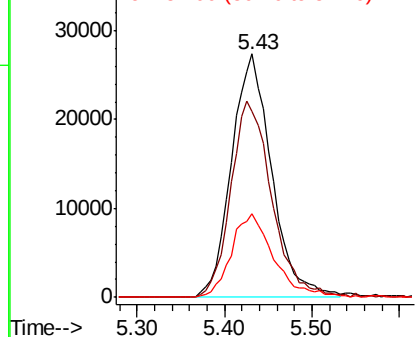
53 100

52 82.2 65.1 97.7

51 36.2 28.5 42.7



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



#16

Acetone

Concen: 98.218 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065520.D

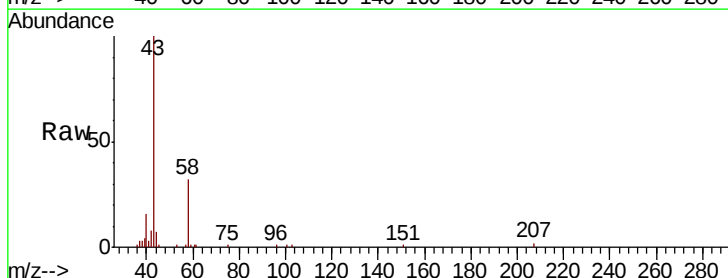
Acq: 24 Mar 2020 15:33

Tgt Ion: 43 Resp: 75662

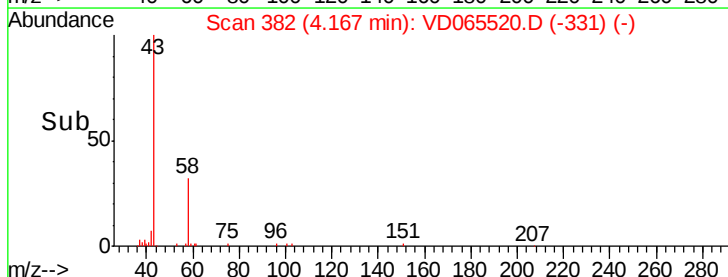
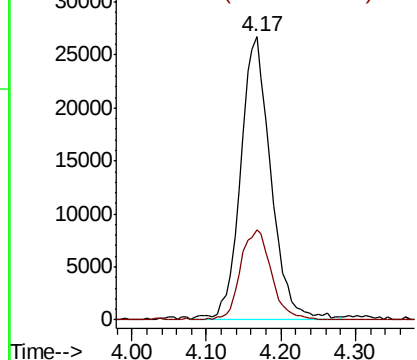
Ion Ratio Lower Upper

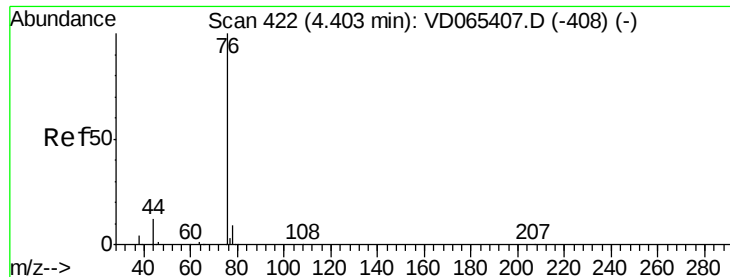
43 100

58 31.8 25.1 37.7



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





#17

Carbon Disulfide

Concen: 18.368 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

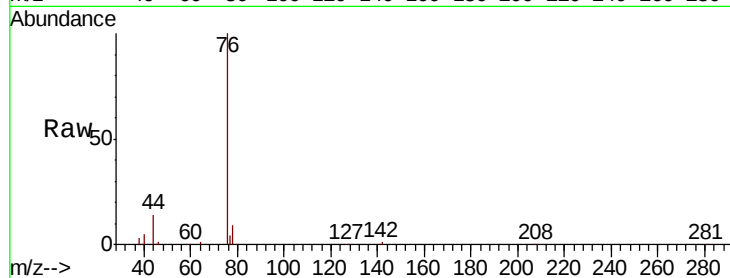
ClientSampleId :

Tot Ion: 76 Resp: 252608

Ion Ratio Lower Upper

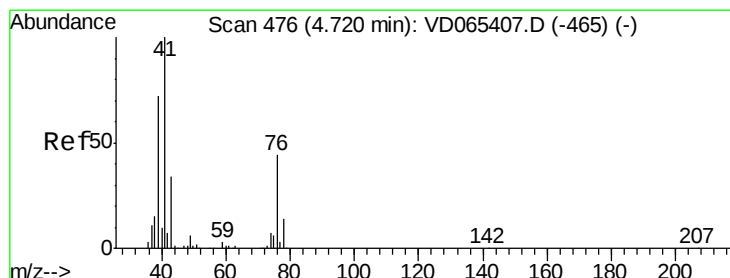
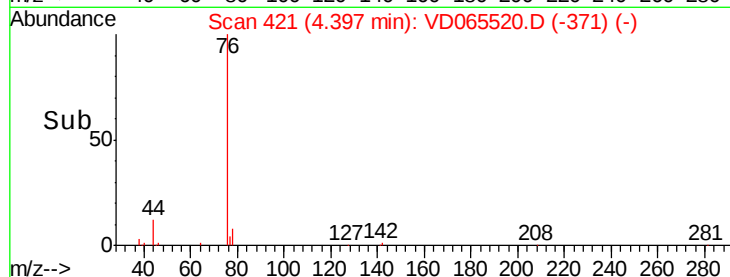
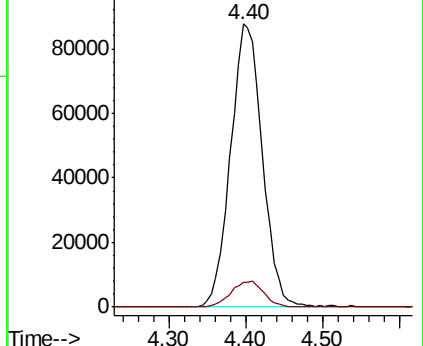
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.214 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD065520.D

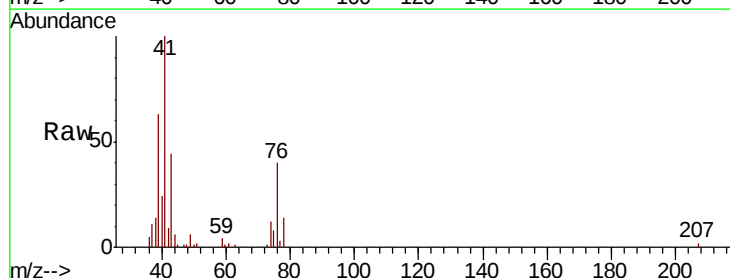
Acq: 24 Mar 2020 15:33

Tgt Ion: 43 Resp: 39501

Ion Ratio Lower Upper

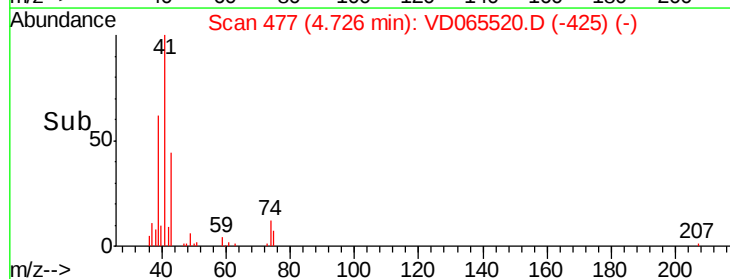
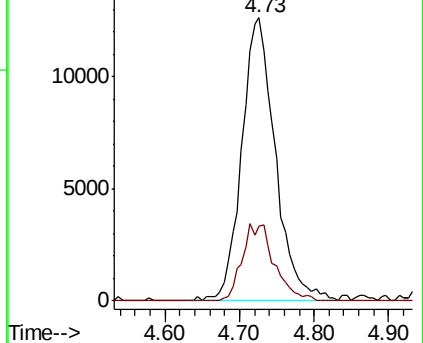
43 100

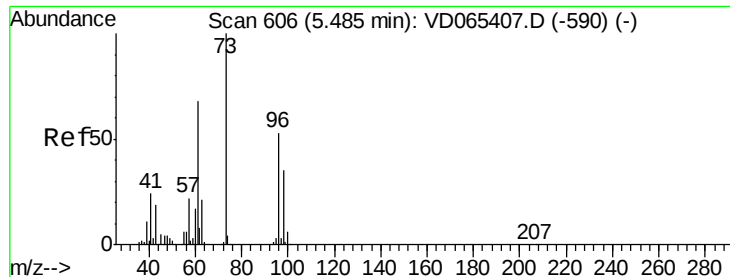
74 26.0 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

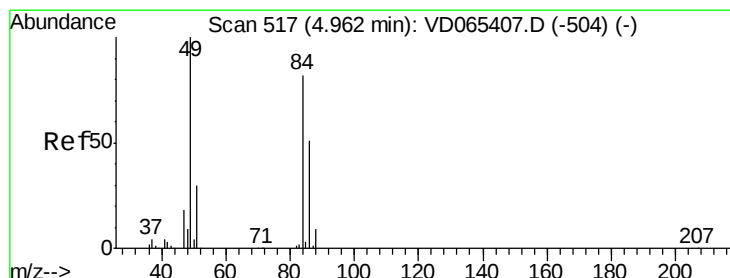
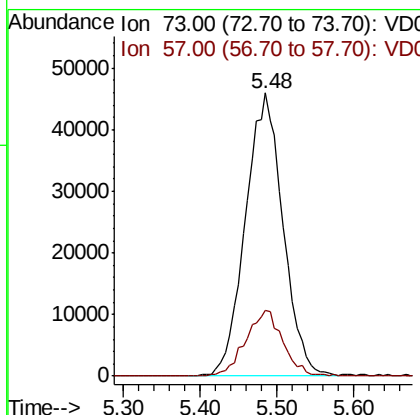
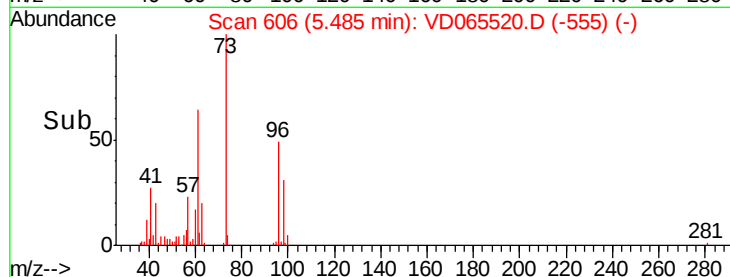
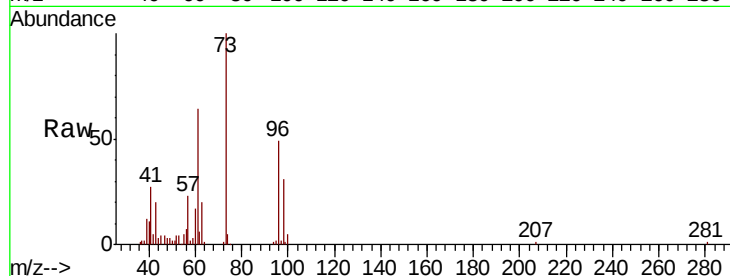




#19
Methvl tert-butvl Ether
Concen: 19.715 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

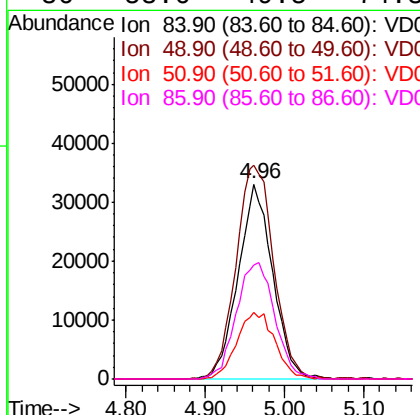
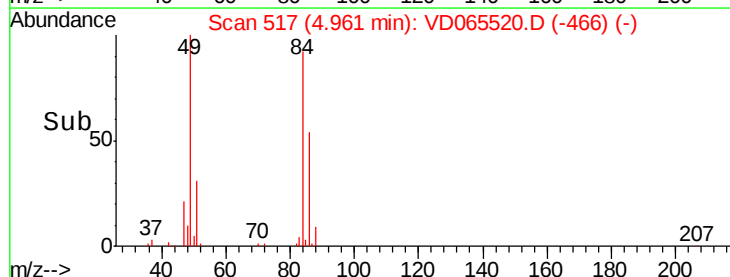
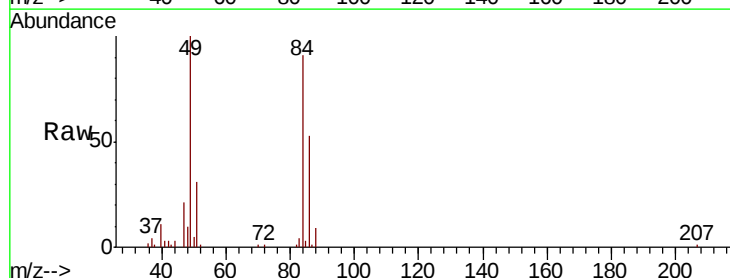
Instrument :
MSVOA_D
ClientSampleId :

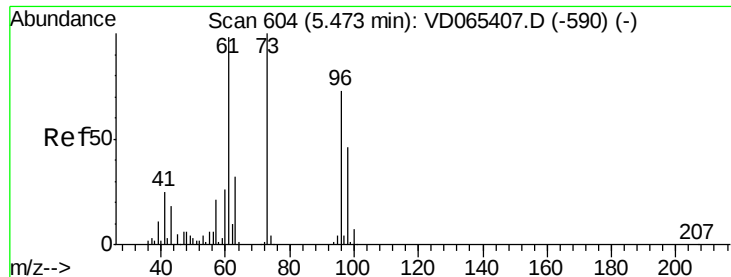
Tot Ion: 73 Resp: 156574
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9



#20
Methylene Chloride
Concen: 21.960 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 84 Resp: 99974
Ion Ratio Lower Upper
84 100
49 109.7 97.7 146.5
51 33.9 28.8 43.2
86 58.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 20.164 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampled :

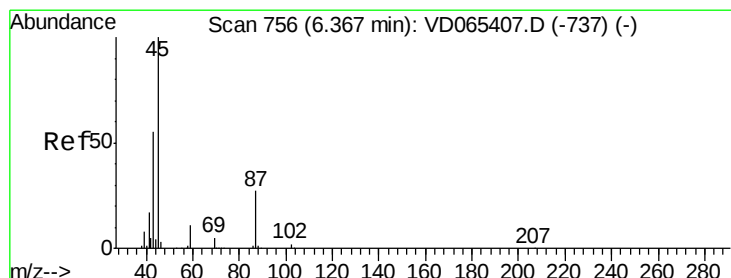
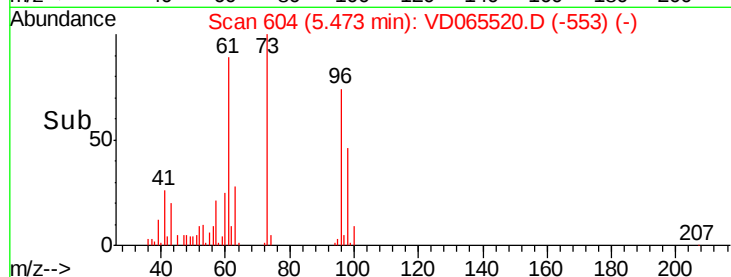
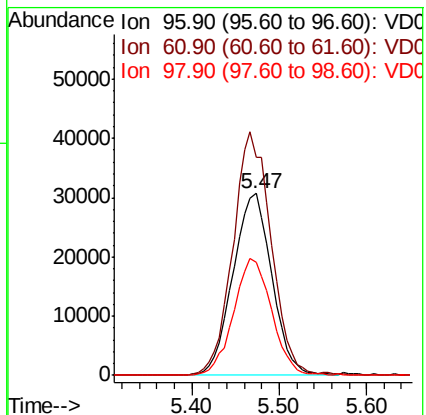
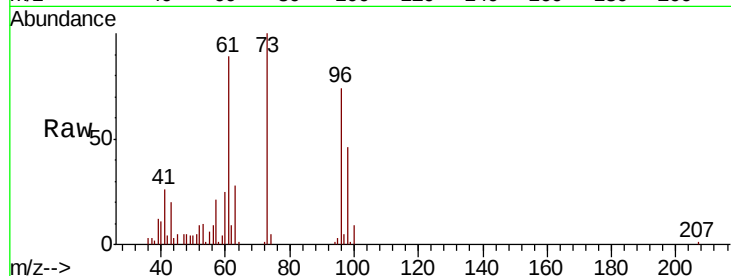
Tot Ion: 96 Resp: 92634

Ion Ratio Lower Upper

96 100

61 119.5 106.3 159.5

98 62.1 50.2 75.4



#22

Diisopropyl ether

Concen: 20.990 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Tgt Ion: 45 Resp: 247543

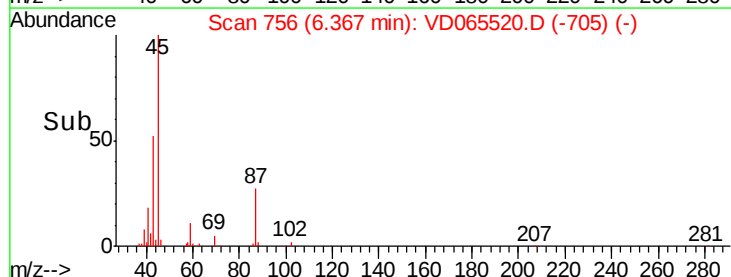
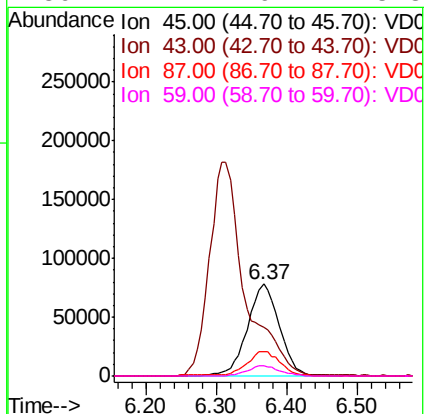
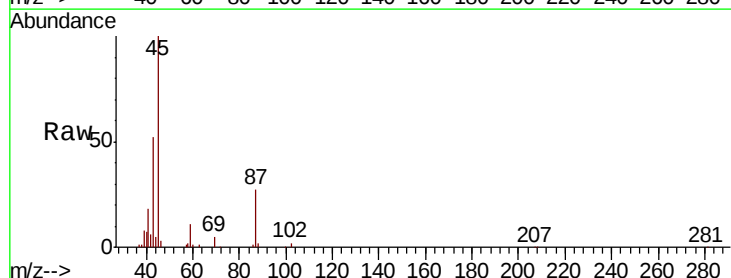
Ion Ratio Lower Upper

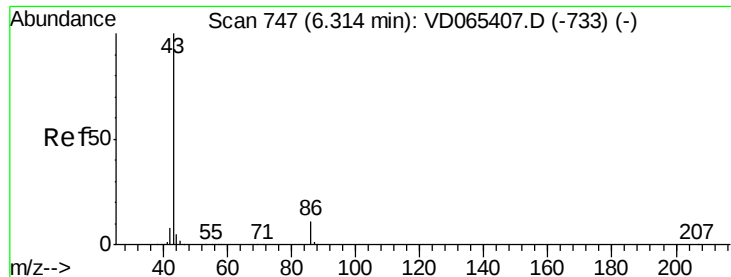
45 100

43 51.1 44.4 66.6

87 26.9 21.9 32.9

59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 97.004 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

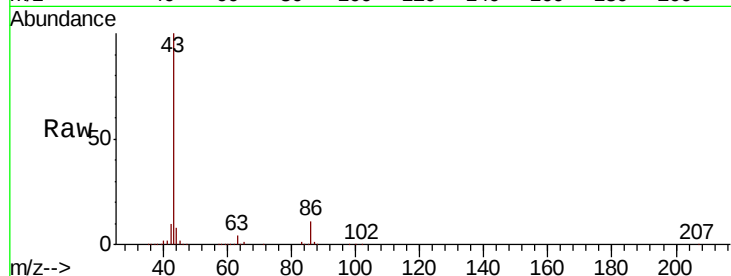
ClientSampleId :

Tot Ion: 43 Resp: 635192

Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

200000

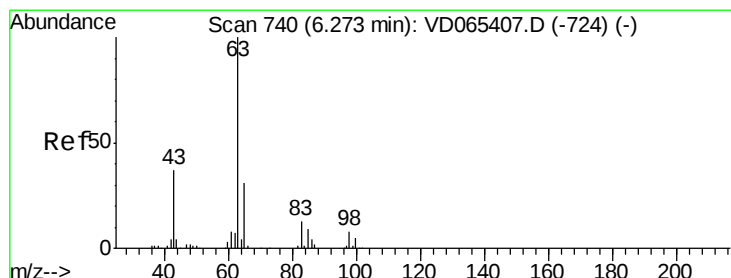
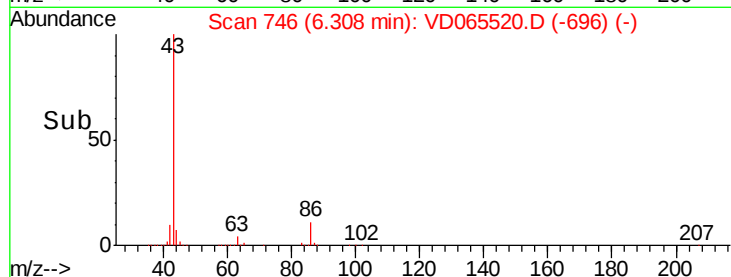
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.801 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

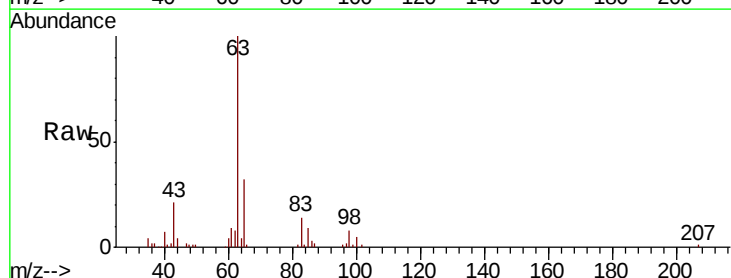
Tgt Ion: 63 Resp: 157344

Ion Ratio Lower Upper

63 100

98 7.8 4.2 12.6

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

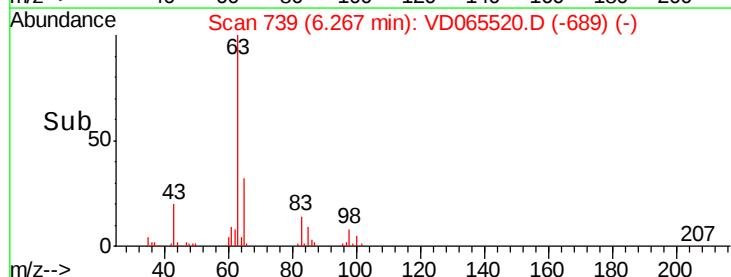
60000

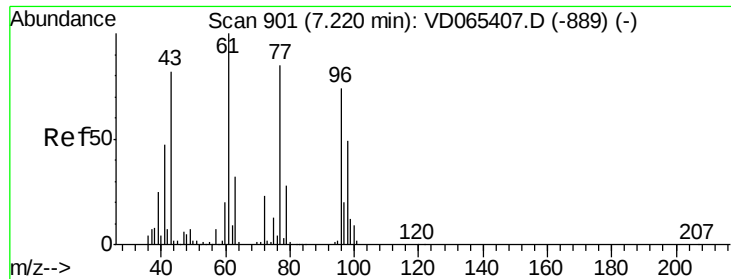
40000

20000

0

Time-->





#25

2-Butanone

Concen: 95.459 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

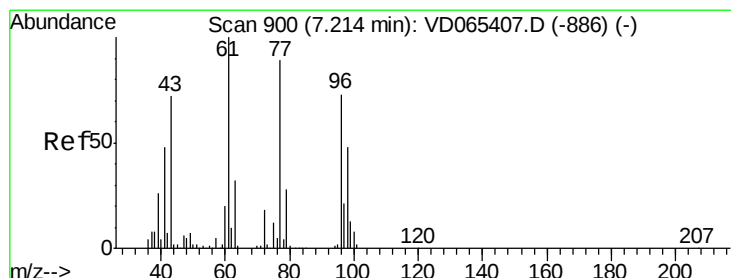
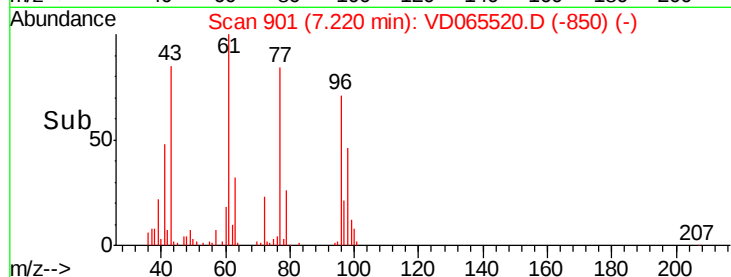
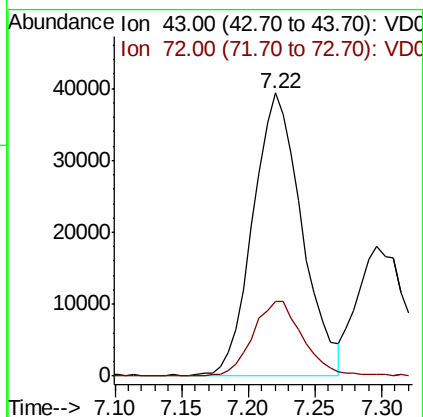
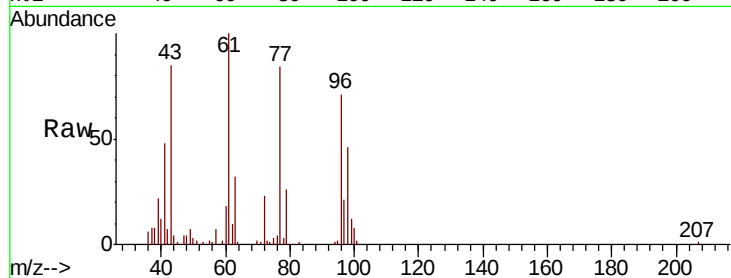
ClientSampleId :

Tot Ion: 43 Resp: 100352

Ion Ratio Lower Upper

43 100

72 26.3 22.3 33.5



#26

2,2-Dichloropropane

Concen: 20.524 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065520.D

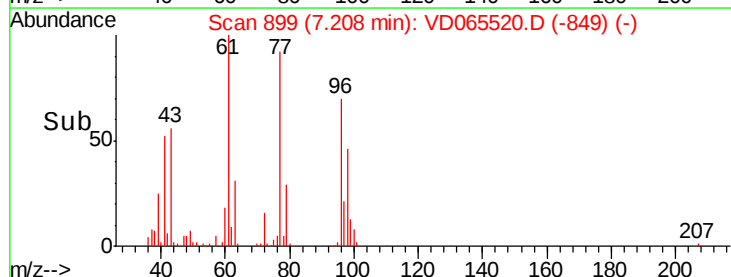
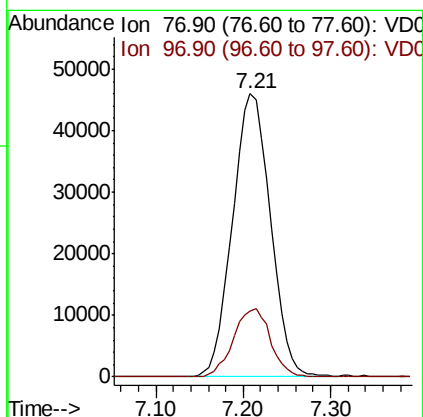
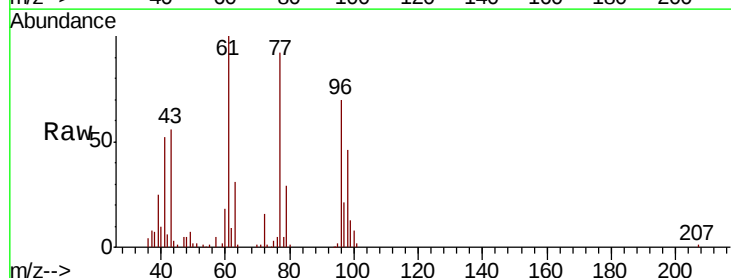
Acq: 24 Mar 2020 15:33

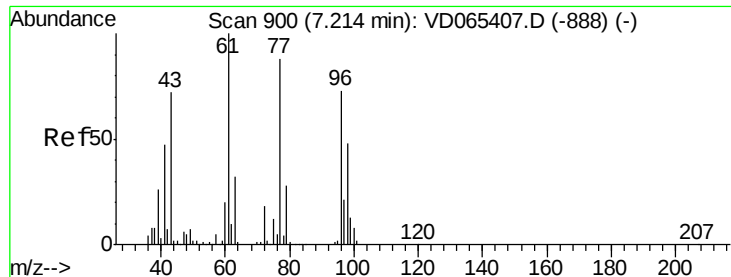
Tgt Ion: 77 Resp: 135670

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4



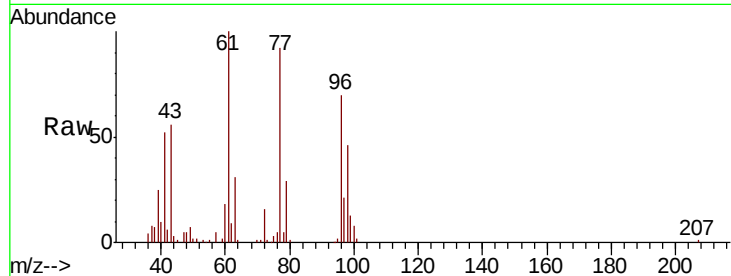


#27

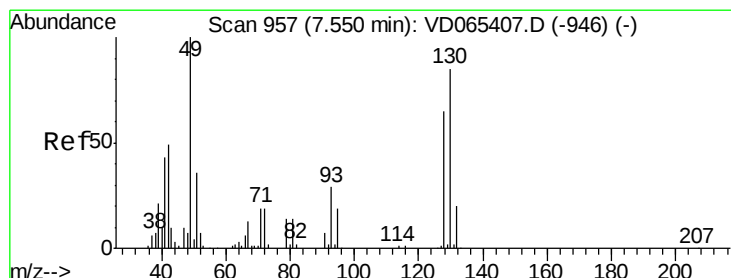
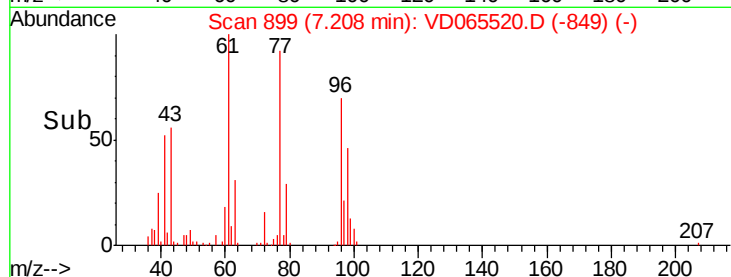
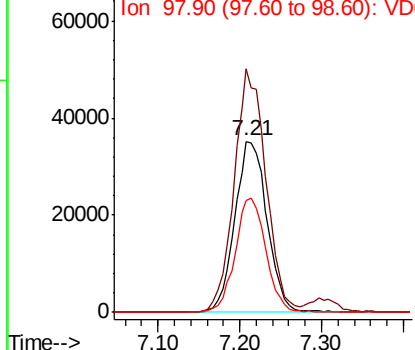
cis-1,2-Dichloroethene
Concen: 20.599 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 96 Resp: 96728
Ion Ratio Lower Upper
96 100
61 139.0 0.0 280.4
98 63.3 0.0 132.6



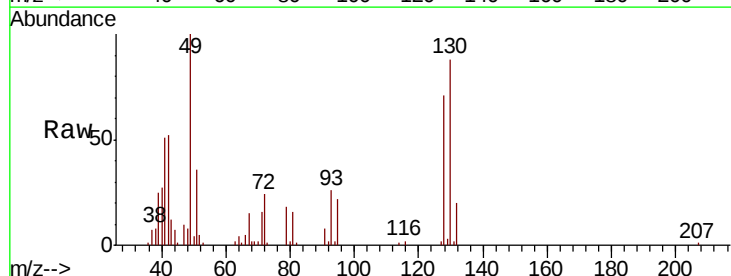
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



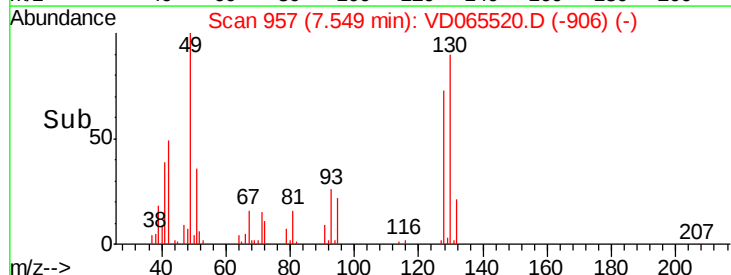
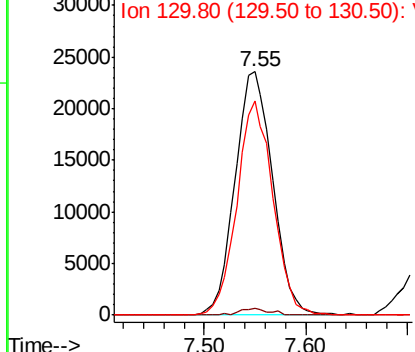
#28

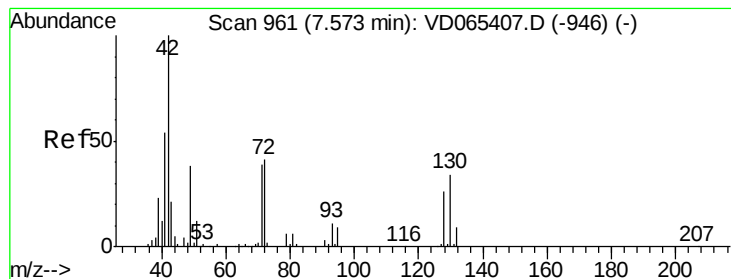
Bromochloromethane
Concen: 20.082 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 49 Resp: 60776
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 84.4 66.6 100.0



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





#29

Tetrahydrofuran

Concen: 95.673 ug/l

RT: 7.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

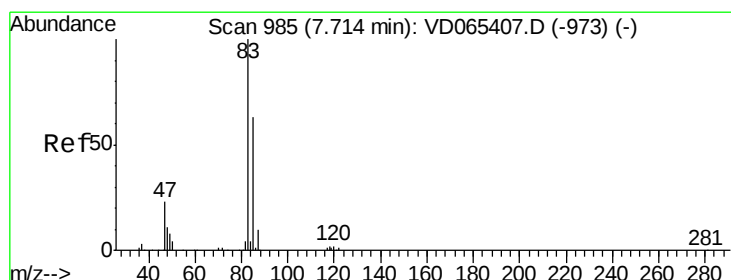
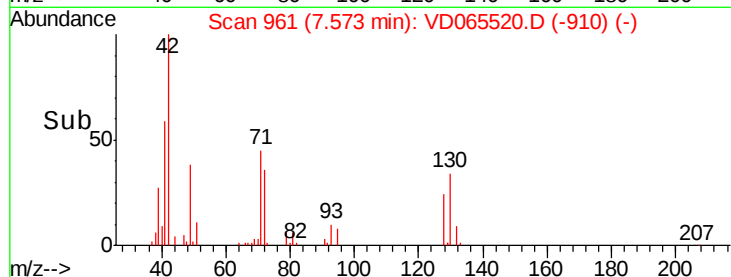
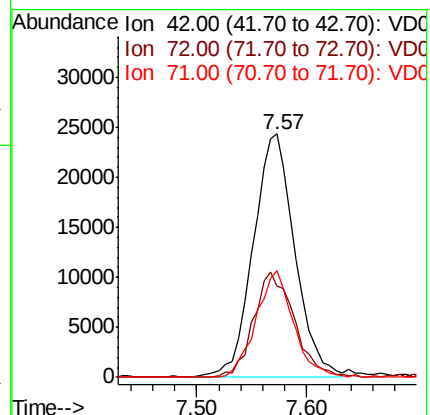
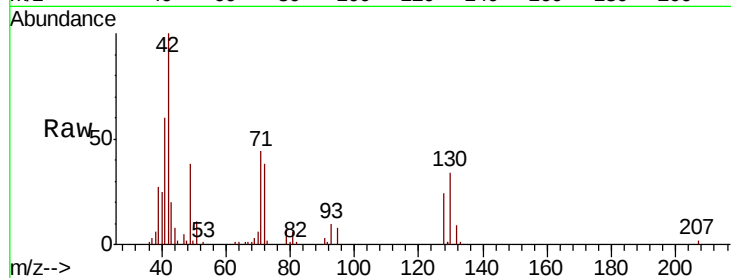
Tot Ion: 42 Resp: 64229

Ion Ratio Lower Upper

42 100

72 42.4 33.0 49.6

71 39.3 32.0 48.0



#30

Chloroform

Concen: 21.238 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065520.D

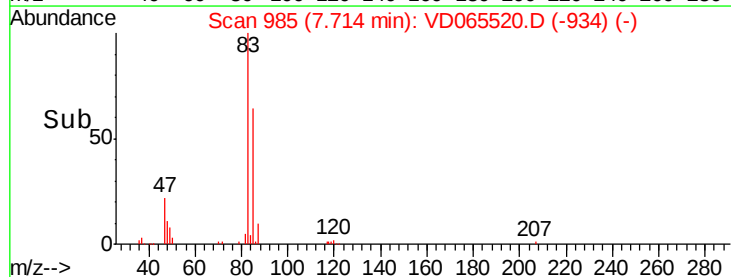
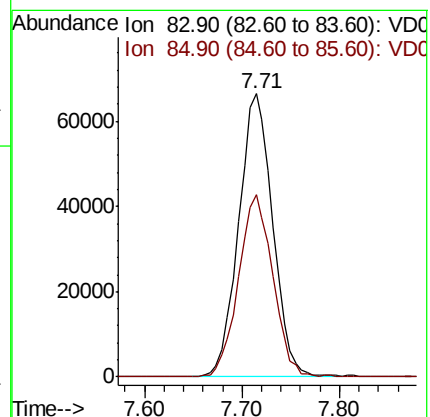
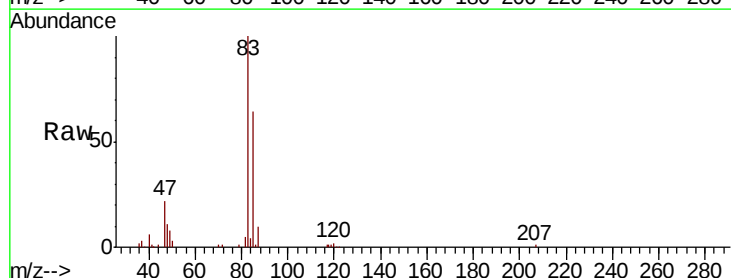
Acq: 24 Mar 2020 15:33

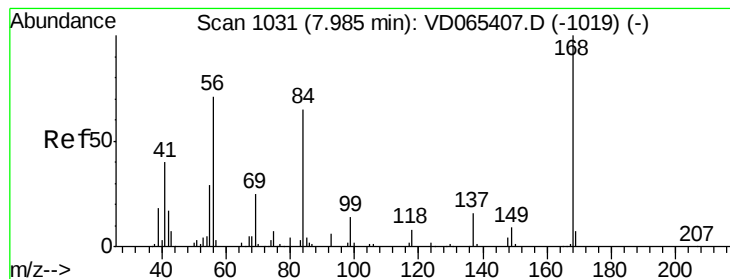
Tgt Ion: 83 Resp: 160573

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5





#31

Cyclohexane

Concen: 18.409 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

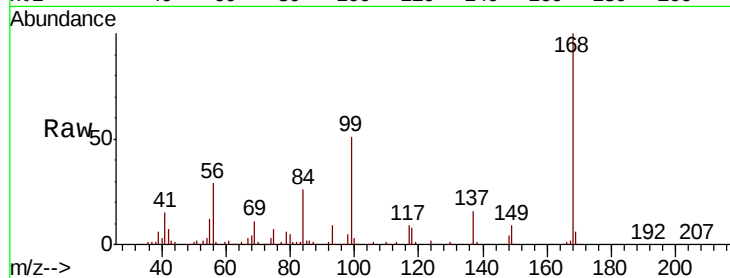
Tot Ion: 56 Resp: 139238

Ion Ratio Lower Upper

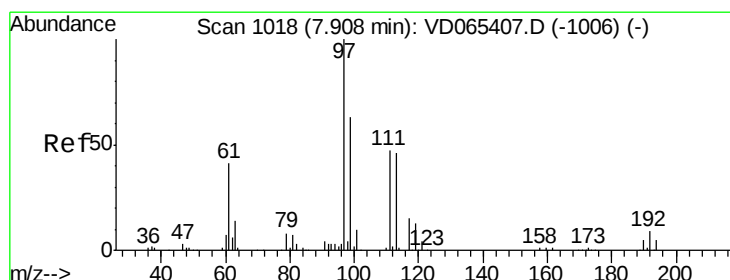
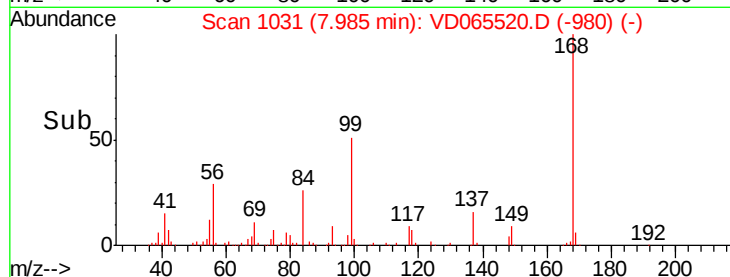
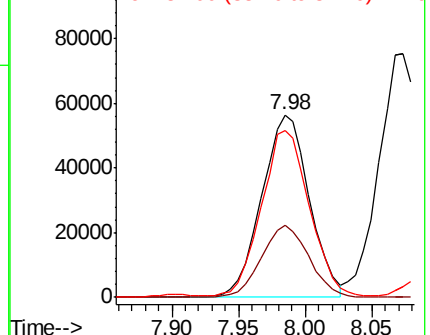
56 100

69 39.2 28.3 42.5

84 90.1 73.1 109.7



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: 20.942 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

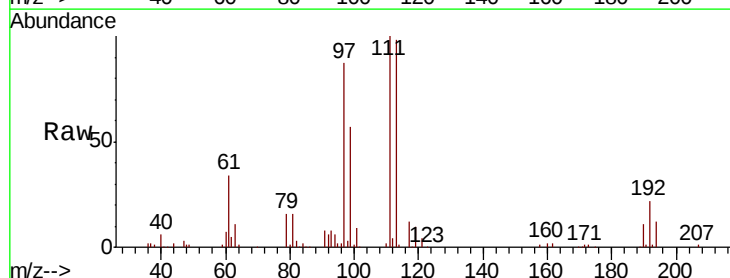
Tgt Ion: 97 Resp: 146322

Ion Ratio Lower Upper

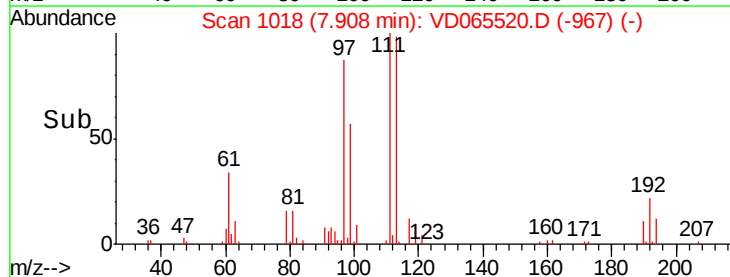
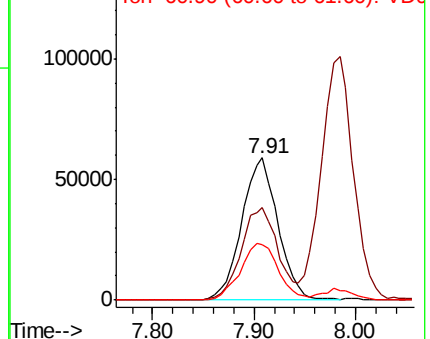
97 100

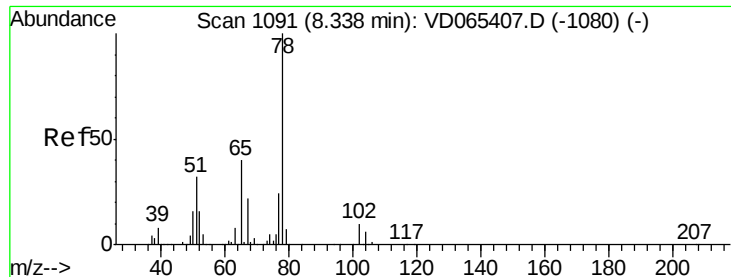
99 66.4 50.9 76.3

61 41.8 33.2 49.8



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

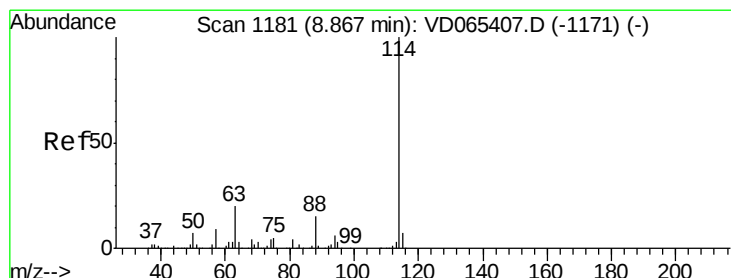
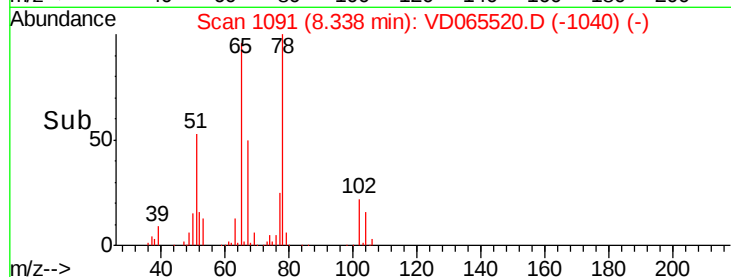
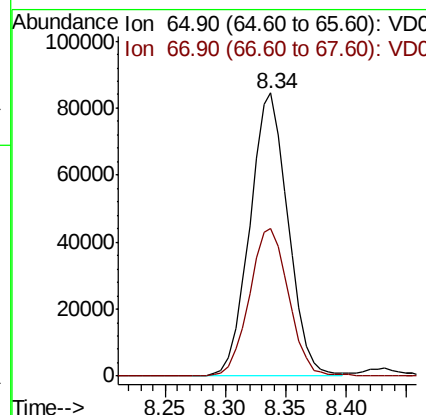
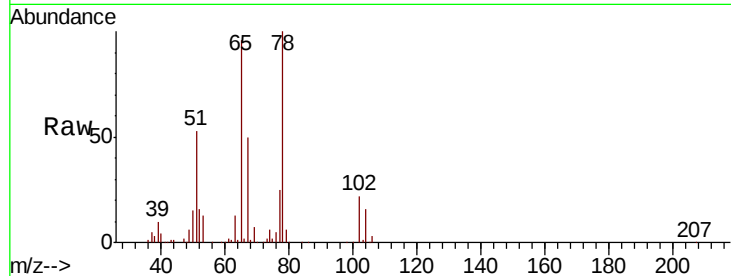




#33
 1,2-Dichloroethane-d4
 Concen: 48.936 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

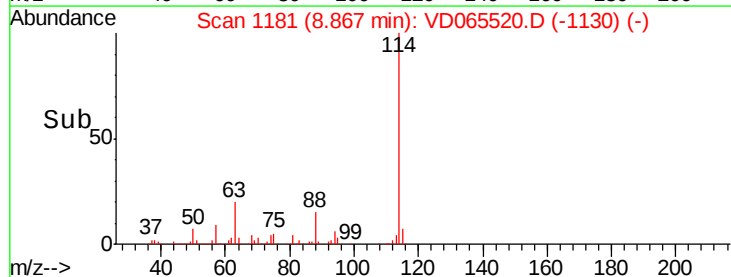
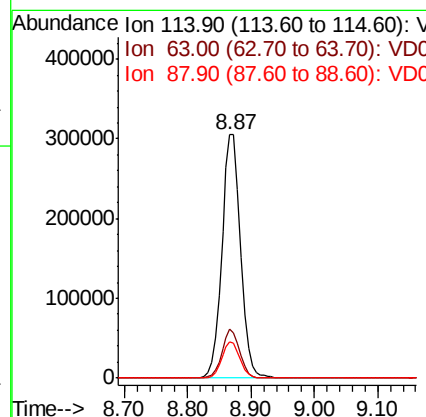
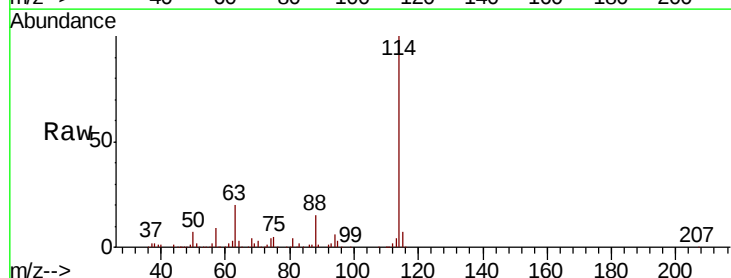
Instrument :
 MSVOA_D
 ClientSampleId :

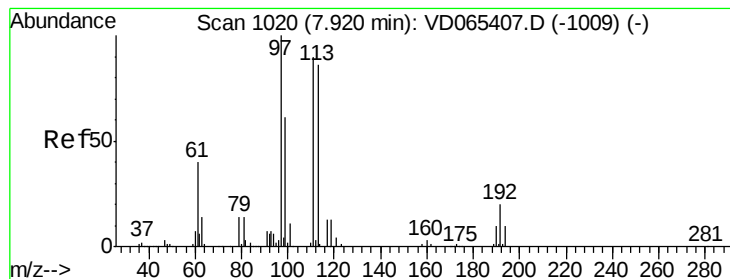
Tot Ion: 65 Resp: 186399
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Tgt Ion: 114 Resp: 631183
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.551 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

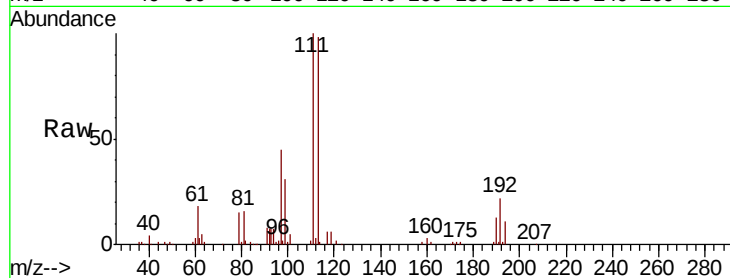
Tot Ion:113 Resp: 205122

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

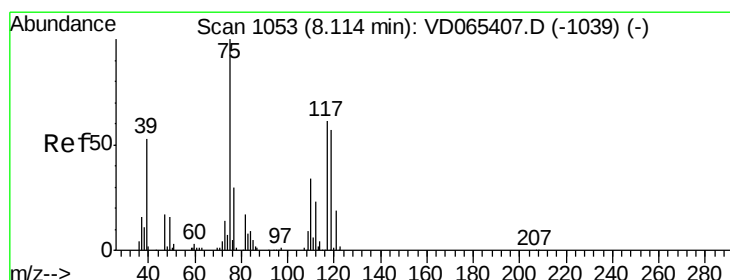
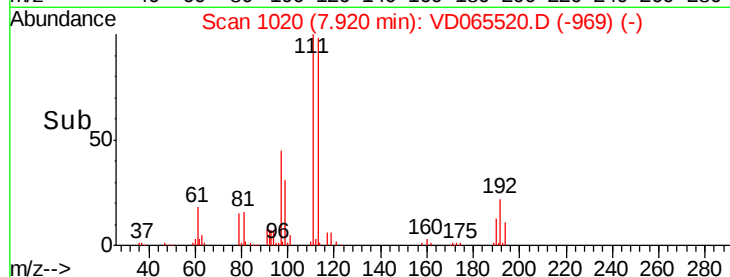
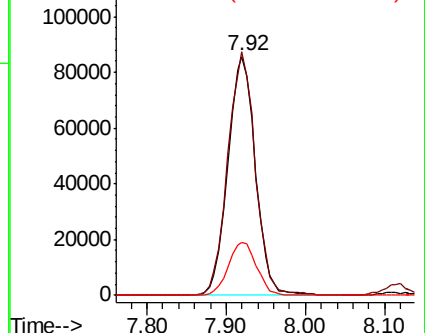
192 22.7 17.2 25.8



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: 20.973 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

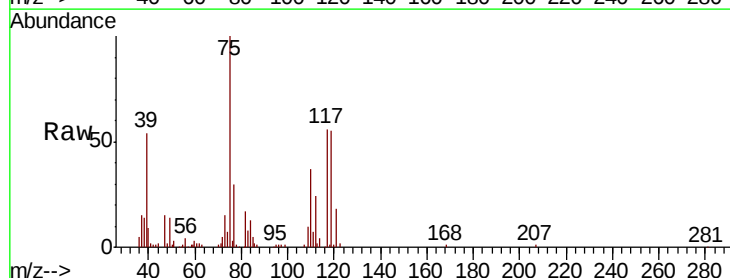
Tgt Ion: 75 Resp: 126892

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.1

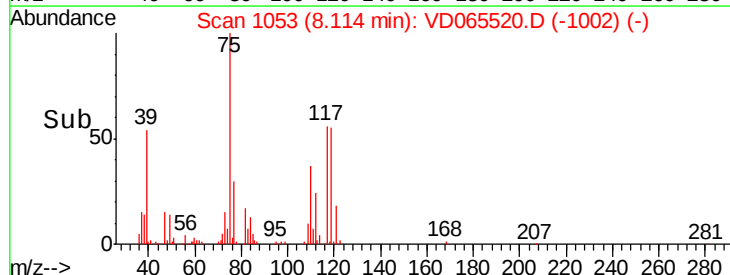
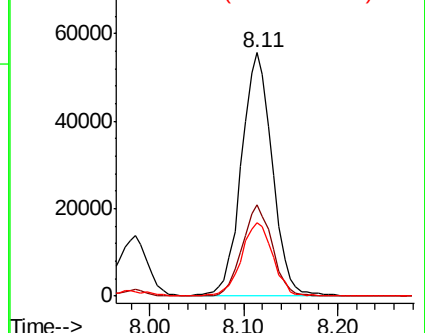
77 30.8 25.2 37.8

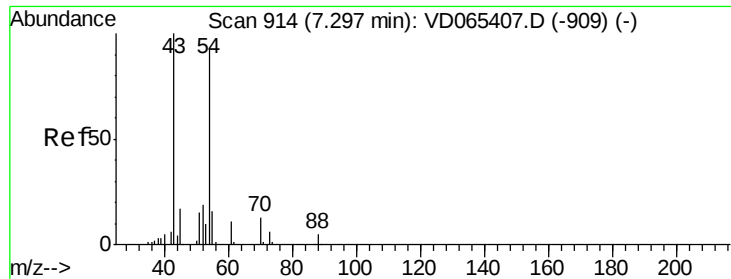


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

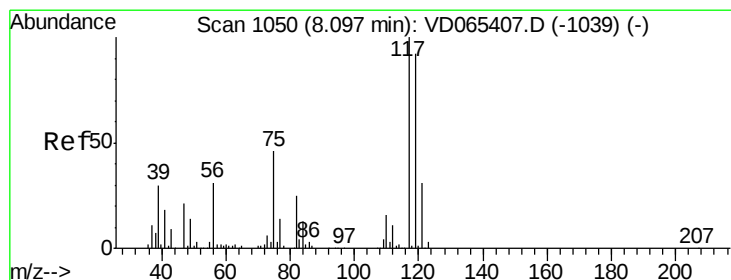
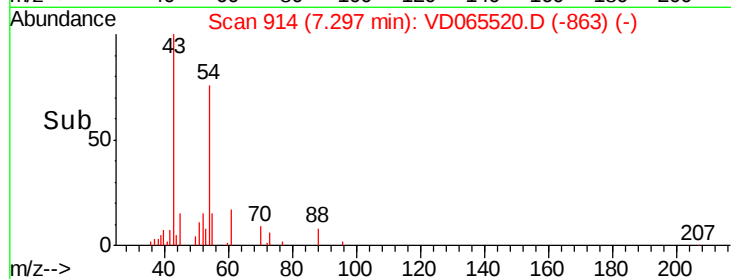
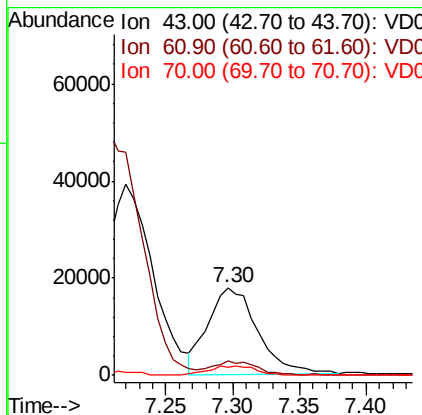
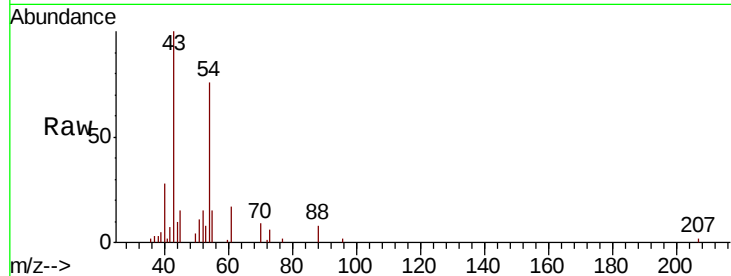




#37
Ethyl Acetate
Concen: 19.753 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

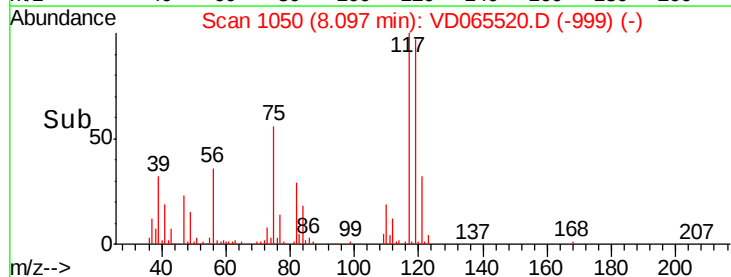
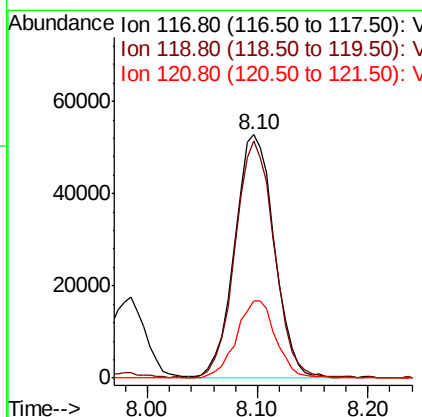
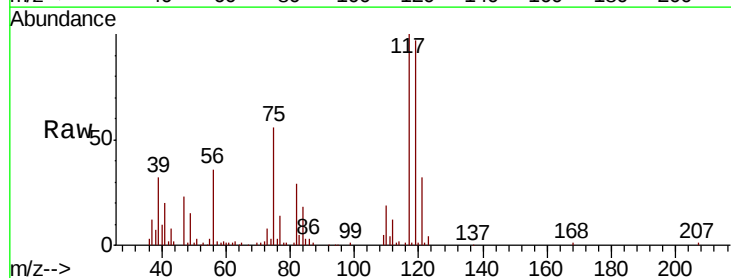
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 46192
Ion Ratio Lower Upper
43 100
61 15.5 11.4 17.0
70 10.4 9.0 13.4



#38
Carbon Tetrachloride
Concen: 21.096 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 117 Resp: 132354
Ion Ratio Lower Upper
117 100
119 97.8 73.3 109.9
121 31.7 25.0 37.4

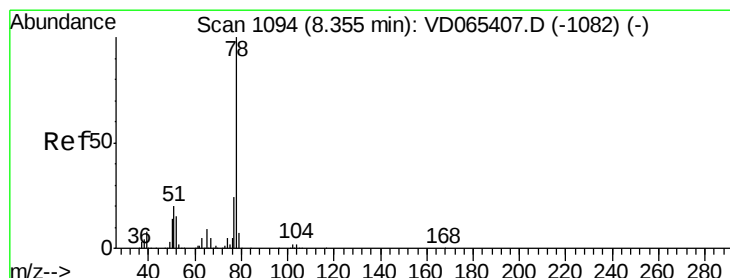
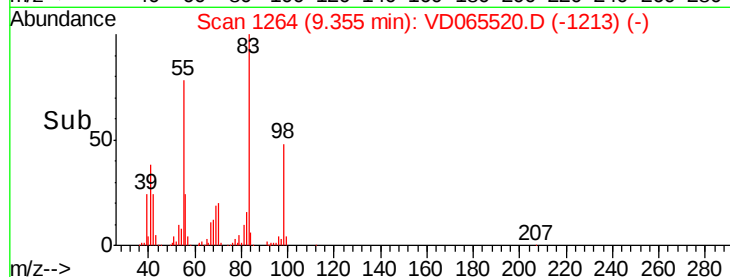
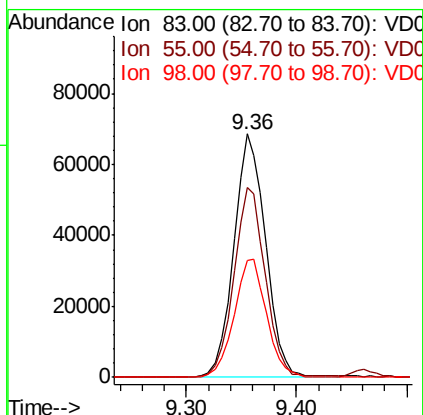
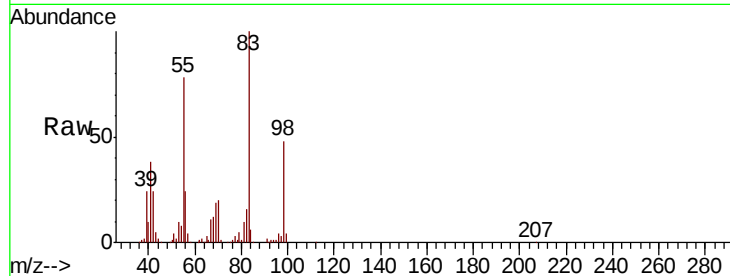




#39
Methvlcvclohexane
Concen: 18.985 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

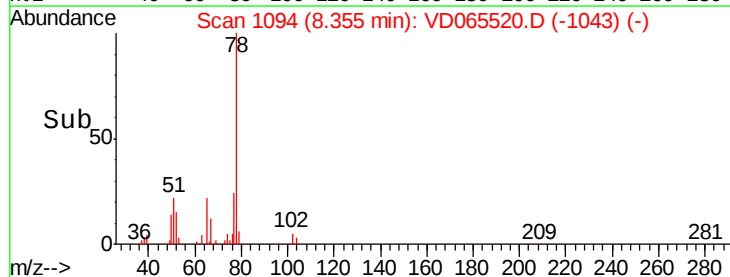
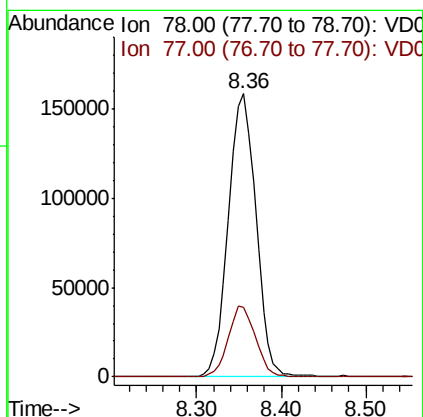
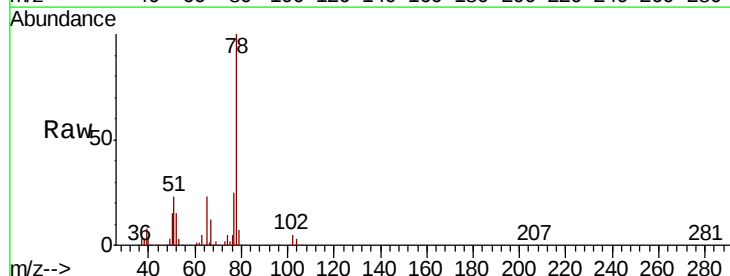
Instrument :
MSVOA_D
ClientSampleId :

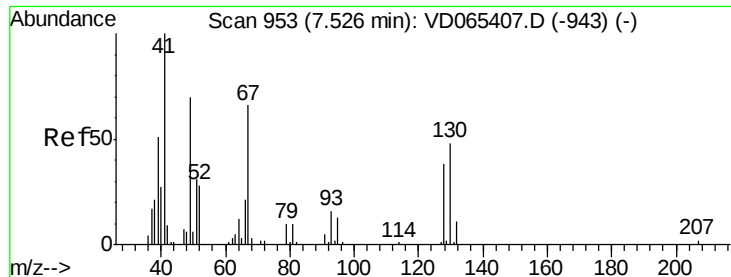
Tot Ion: 83 Resp: 138733
Ion Ratio Lower Upper
83 100
55 78.2 57.1 85.7
98 47.8 37.8 56.8



#40
Benzene
Concen: 21.245 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 78 Resp: 359392
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

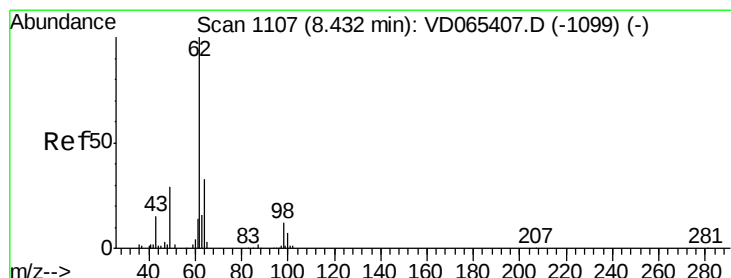
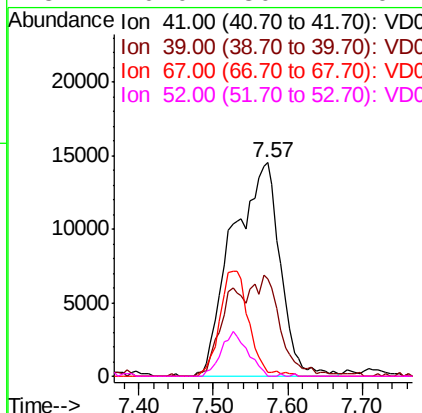
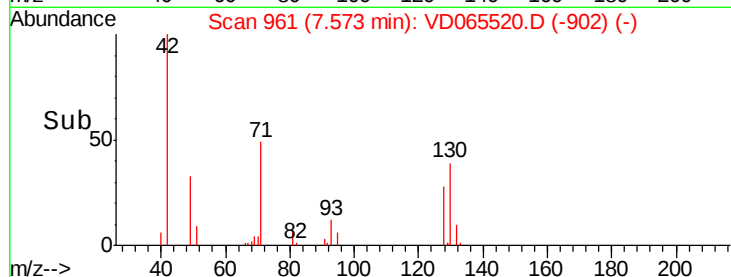
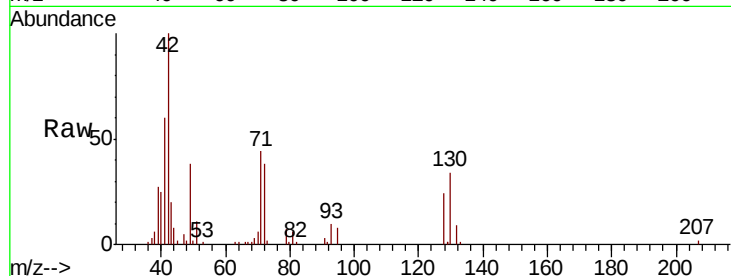




#41
Methacrylonitrile
Concen: 52.260 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.05 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

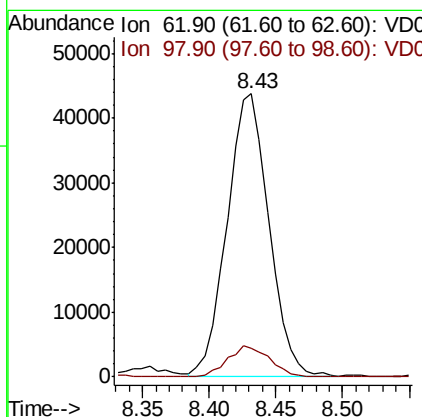
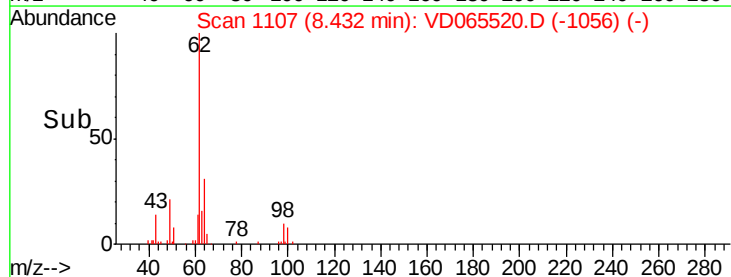
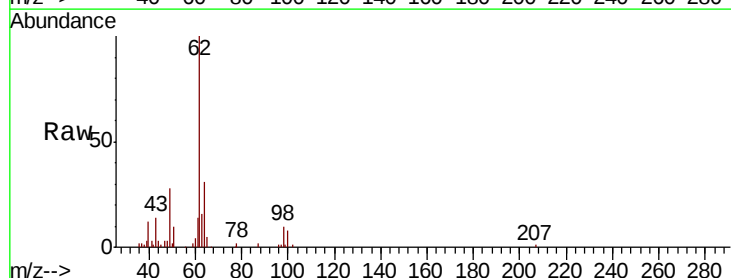
Instrument :
MSVOA_D
ClientSampleId :

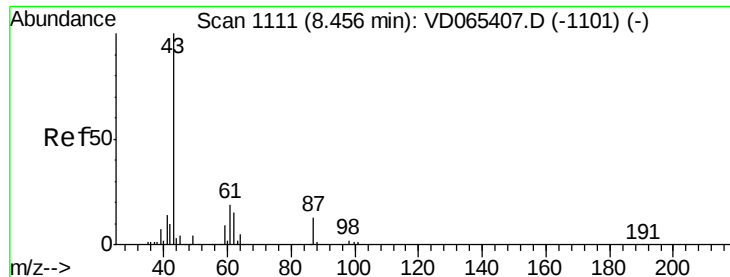
Tot Ion: 41 Resp: 64632
Ion Ratio Lower Upper
41 100
39 0.0 55.0 82.6#
67 0.0 70.3 105.5#
52 0.0 30.7 46.1#



#42
1,2-Dichloroethane
Concen: 21.537 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 62 Resp: 95134
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.4





#43

Isopropyl Acetate

Concen: 19.298 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

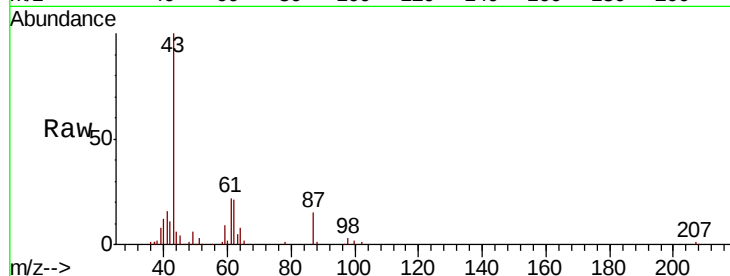
Tot Ion: 43 Resp: 83329

Ion Ratio Lower Upper

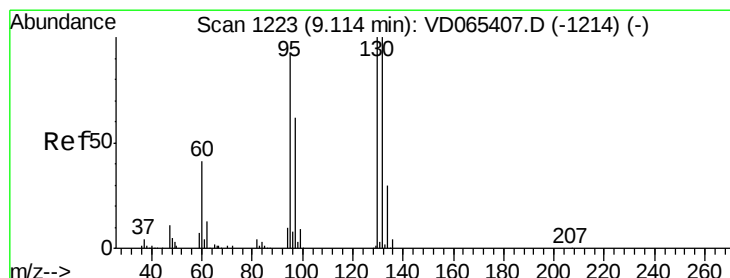
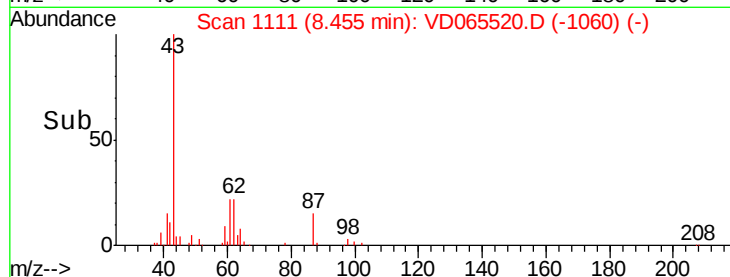
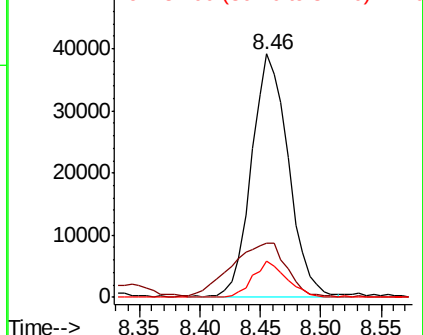
43 100

61 33.6 25.0 37.6

87 13.6 11.0 16.4



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: 21.853 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD065520.D

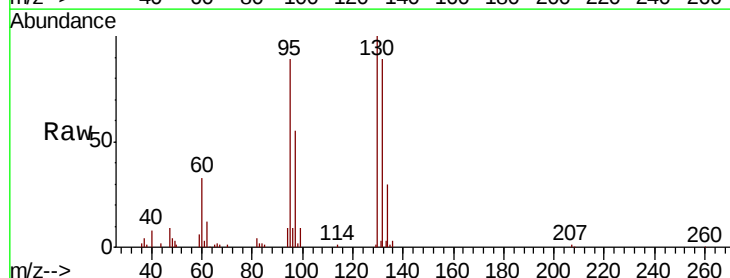
Acq: 24 Mar 2020 15:33

Tgt Ion:130 Resp: 104396

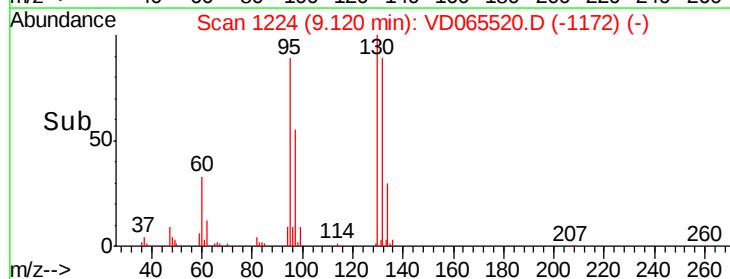
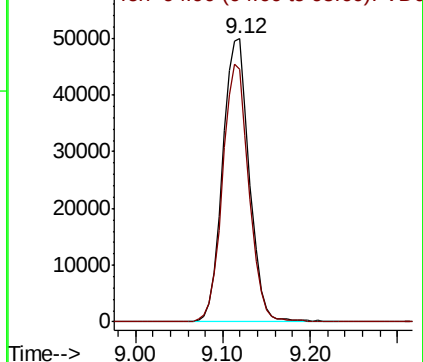
Ion Ratio Lower Upper

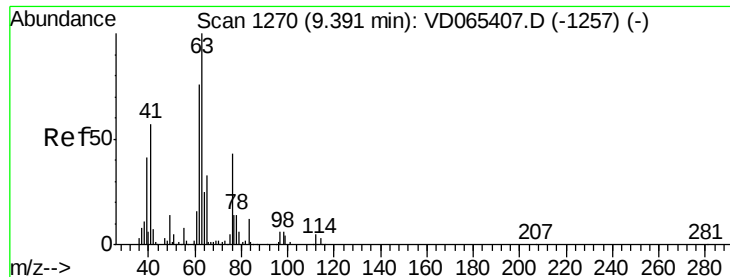
130 100

95 89.1 0.0 186.0



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

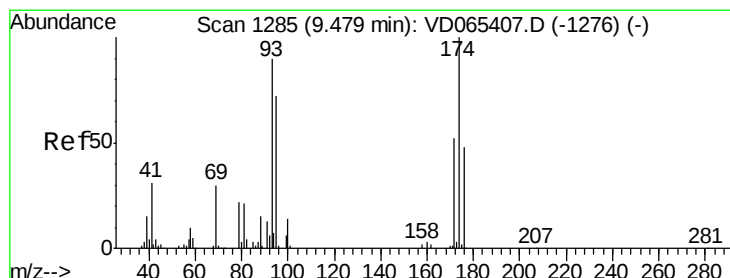
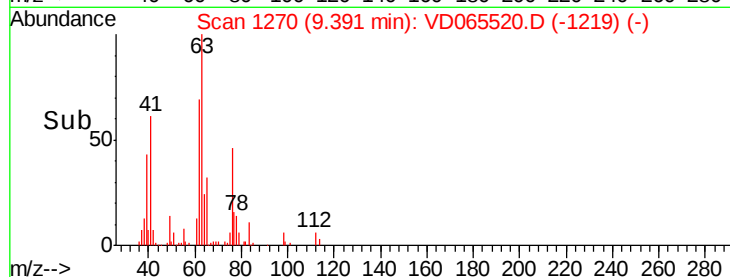
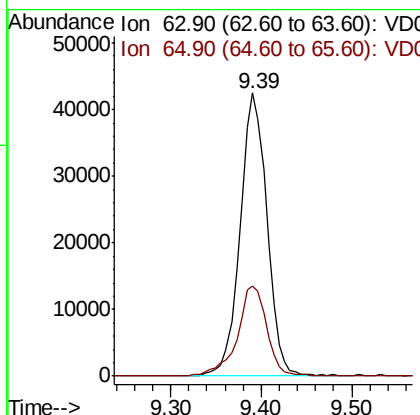
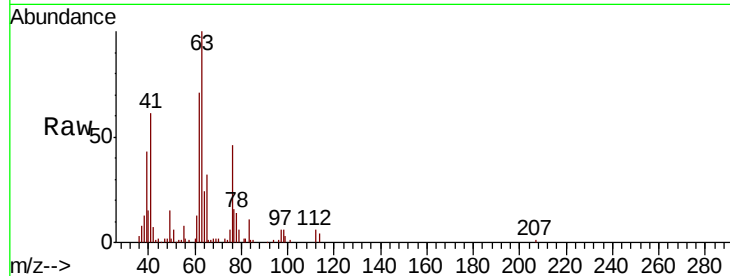




#45
 1,2-Dichloropropane
 Concen: 21.363 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

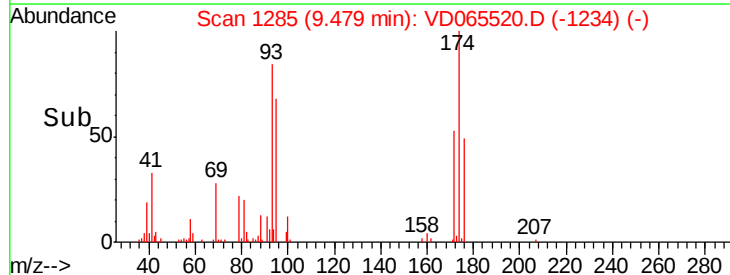
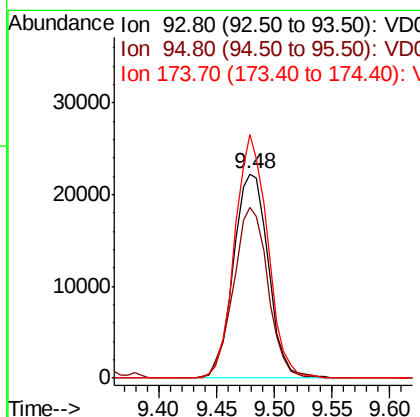
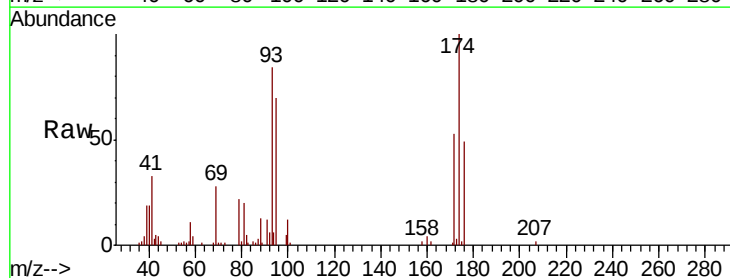
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 63 Resp: 87537
 Ion Ratio Lower Upper
 63 100
 65 31.8 26.4 39.6



#46
 Dibromomethane
 Concen: 21.999 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Tgt Ion: 93 Resp: 46758
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.0 97.6
 174 112.4 88.3 132.5





#47

Bromodichloromethane

Concen: 21.889 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

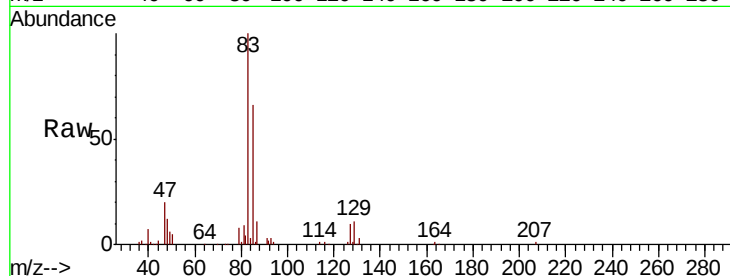
Tot Ion: 83 Resp: 121035

Ion Ratio Lower Upper

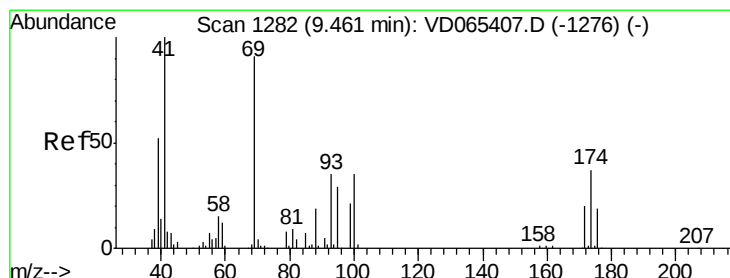
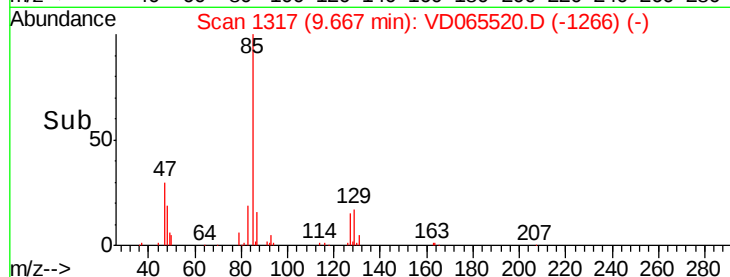
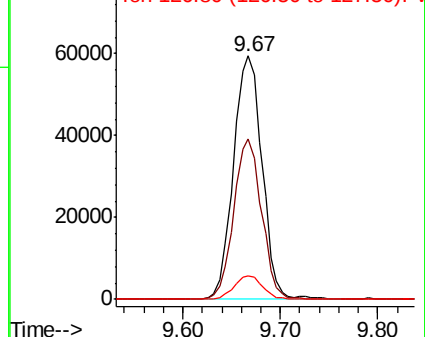
83 100

85 66.0 52.8 79.2

127 9.5 8.0 12.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 18.783 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

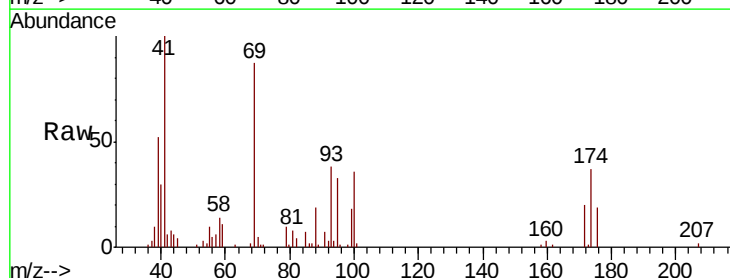
Tgt Ion: 41 Resp: 38151

Ion Ratio Lower Upper

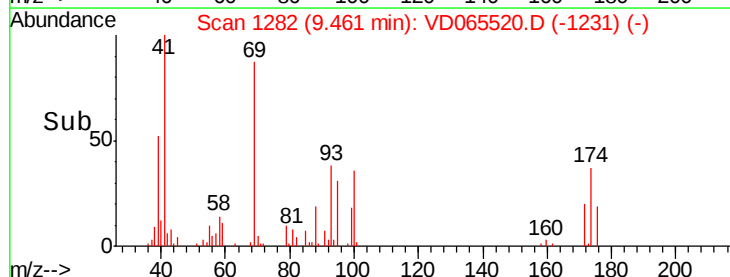
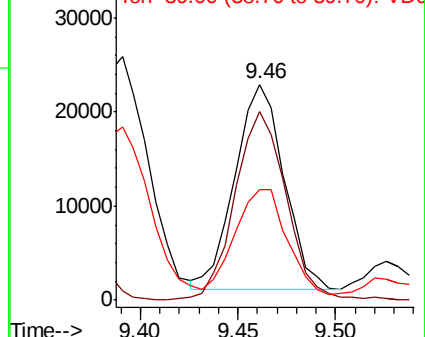
41 100

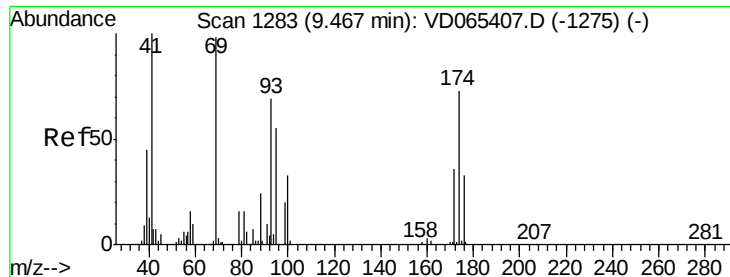
69 96.0 72.5 108.7

39 54.2 41.6 62.4



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





#49

1,4-Dioxane

Concen: 442.281 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :

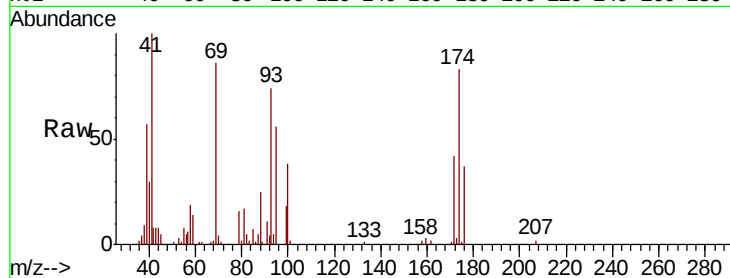
Tot Ion: 88 Resp: 10753

Ion Ratio Lower Upper

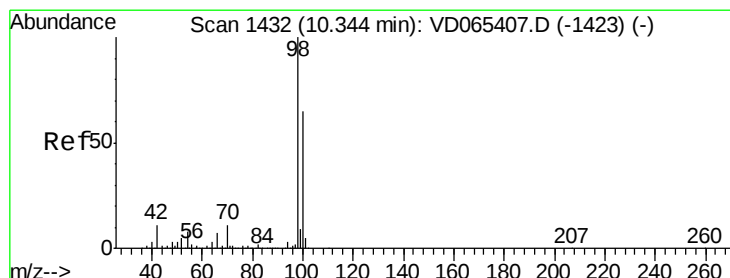
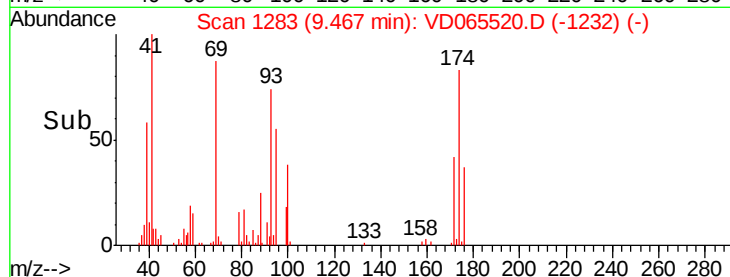
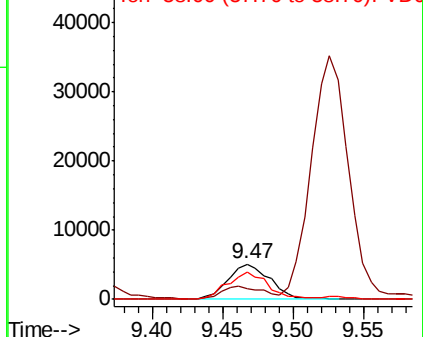
88 100

43 36.2 24.5 36.7

58 75.0 54.5 81.7



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



#50

Toluene-d8

Concen: 51.011 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065520.D

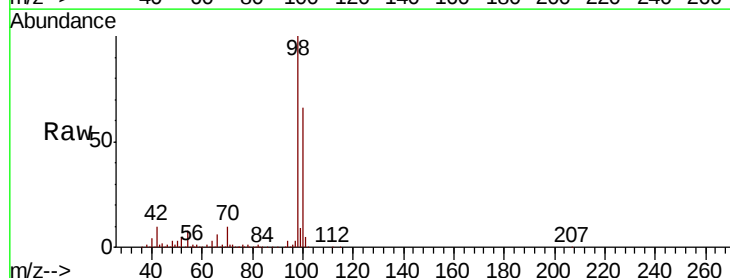
Acq: 24 Mar 2020 15:33

Tgt Ion: 98 Resp: 763861

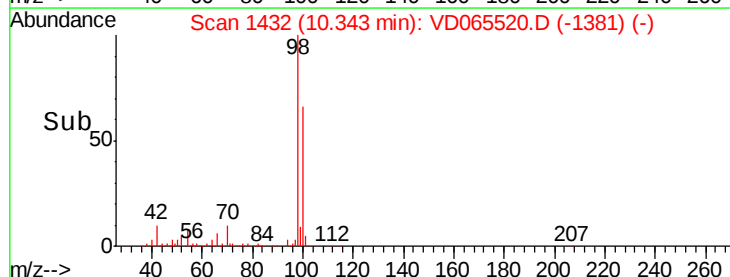
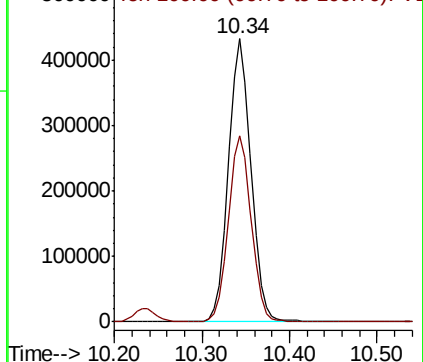
Ion Ratio Lower Upper

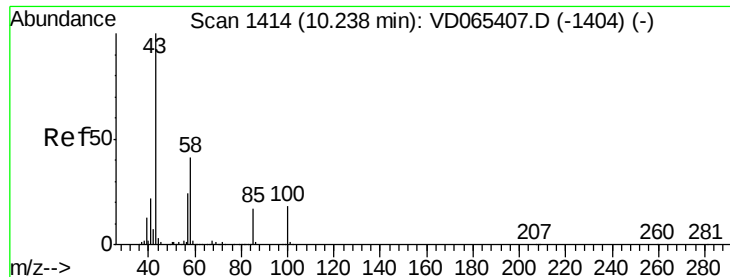
98 100

100 66.3 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 100.191 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

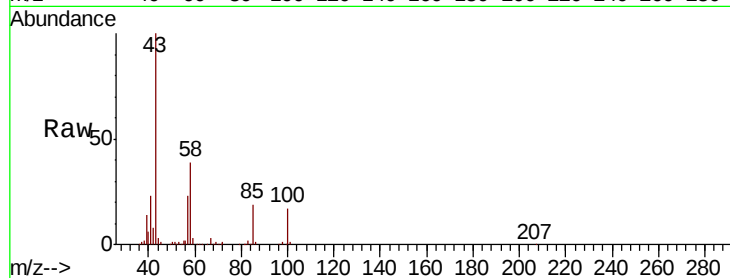
ClientSampled :

Tot Ion: 43 Resp: 217704

Ion Ratio Lower Upper

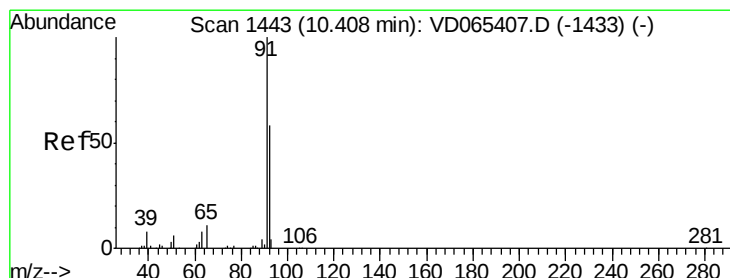
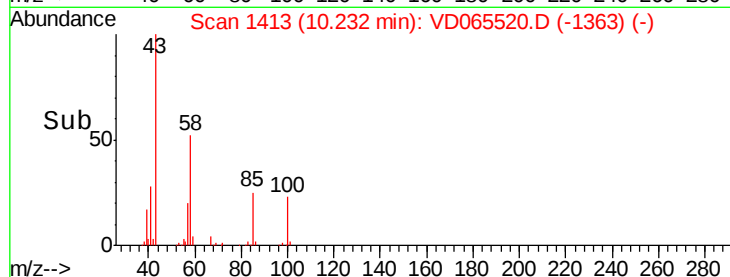
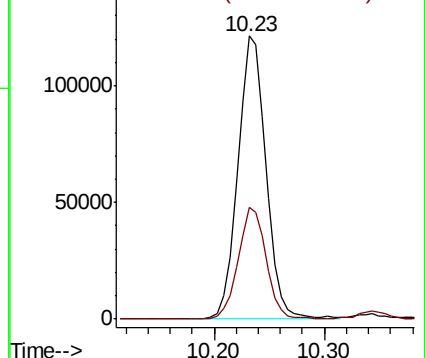
43 100

58 39.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.469 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065520.D

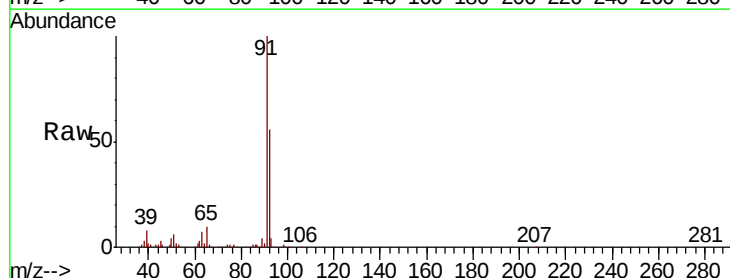
Acq: 24 Mar 2020 15:33

Tgt Ion: 92 Resp: 228785

Ion Ratio Lower Upper

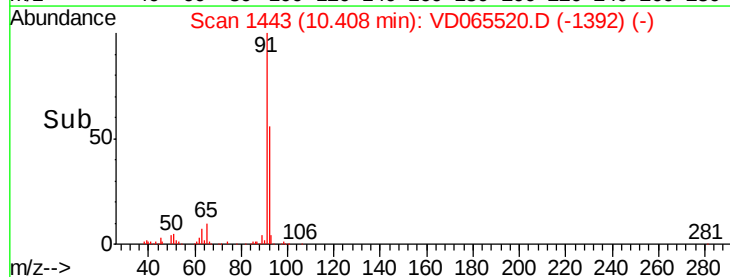
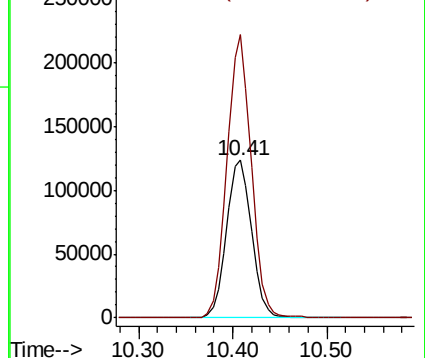
92 100

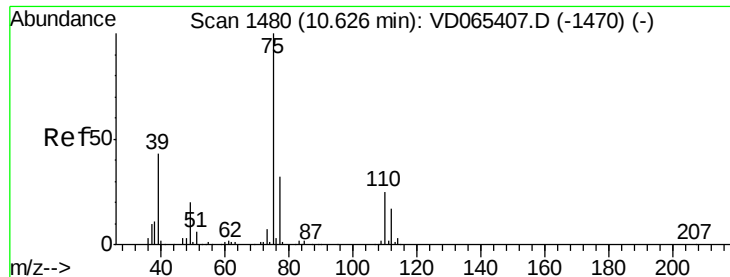
91 173.6 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 21.012 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

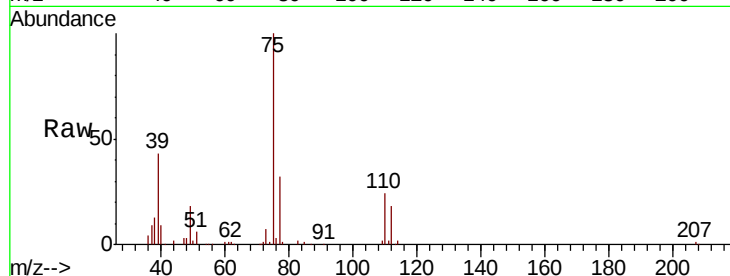
ClientSampleId :

Tot Ion: 75 Resp: 108577

Ion Ratio Lower Upper

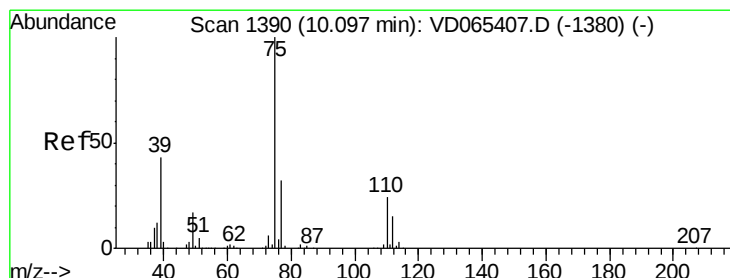
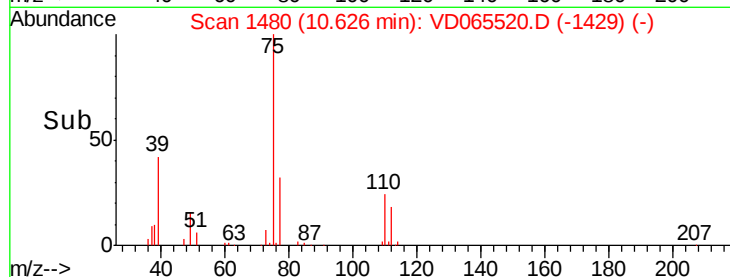
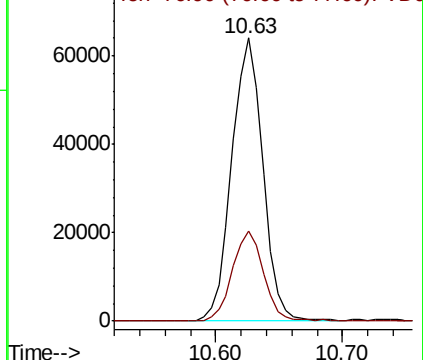
75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 21.204 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

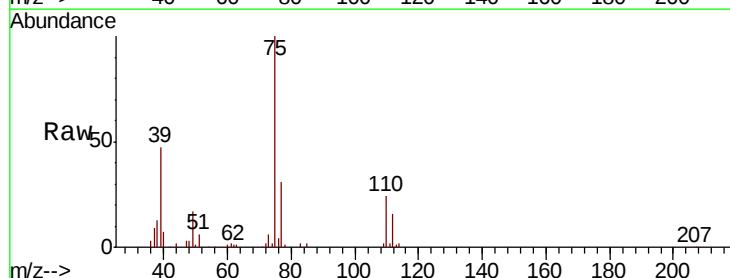
Tgt Ion: 75 Resp: 132625

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

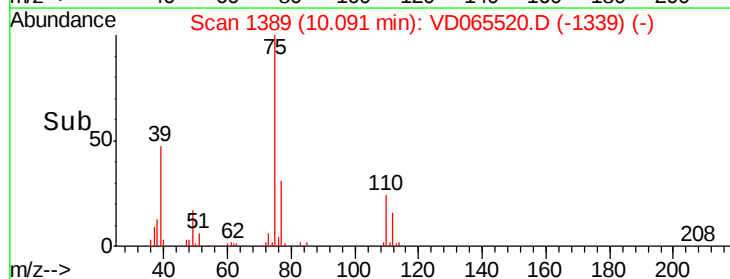
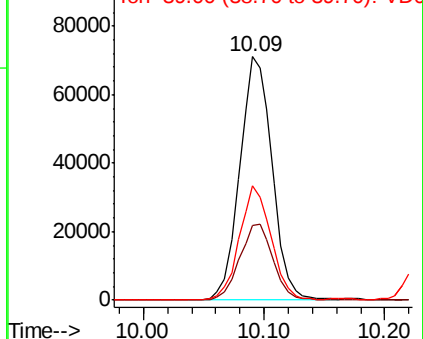
39 46.8 34.6 52.0

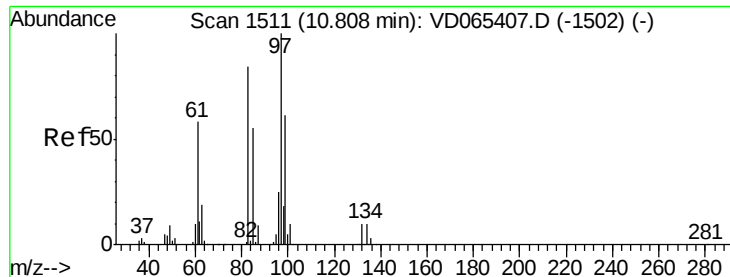


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 22.295 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 67116

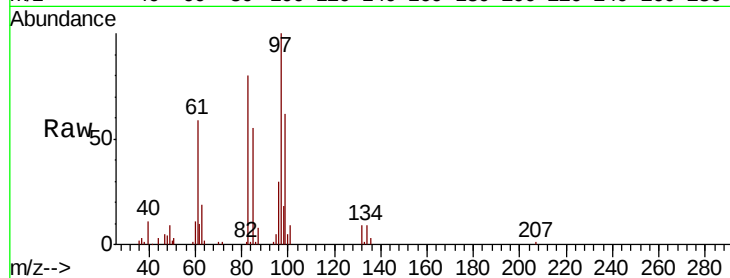
Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.4	101.0
85	54.6	43.8	65.8
99	62.1	48.8	73.2

97 100

83 79.6 67.4 101.0

85 54.6 43.8 65.8

99 62.1 48.8 73.2

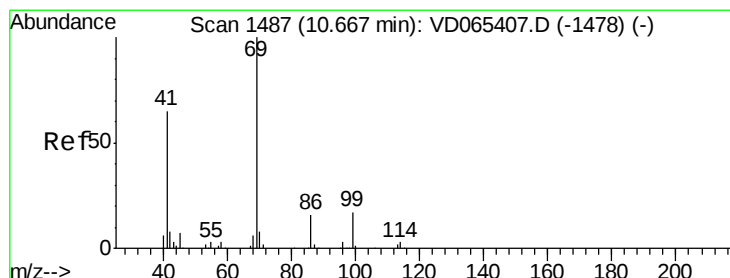
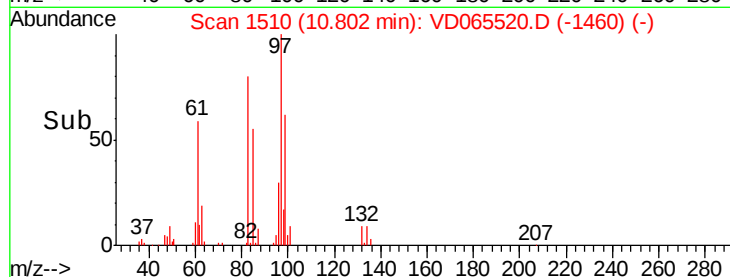
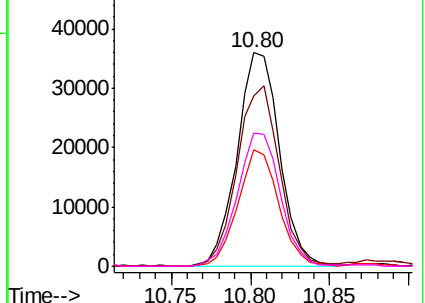


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 19.537 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

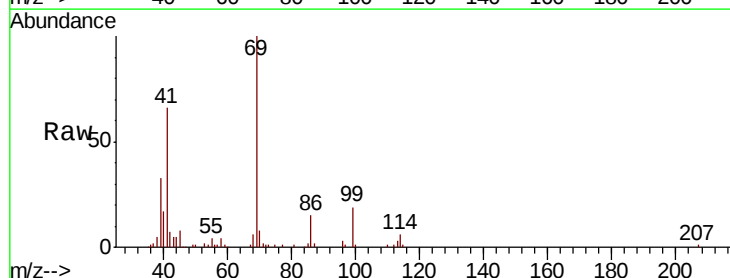
Tgt Ion: 69 Resp: 66305

Ion	Ratio	Lower	Upper
69	100		
41	66.5	53.0	79.6
39	30.5	26.0	39.0

69 100

41 66.5 53.0 79.6

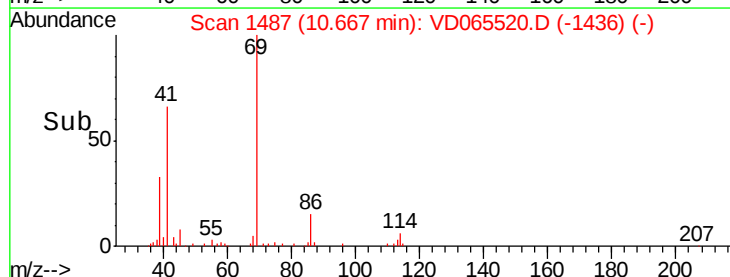
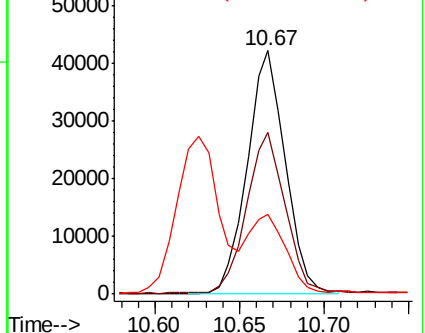
39 30.5 26.0 39.0

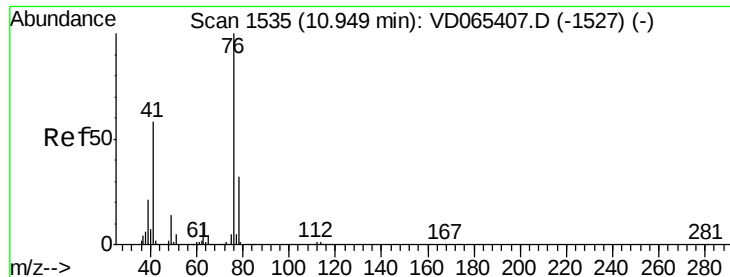


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.619 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

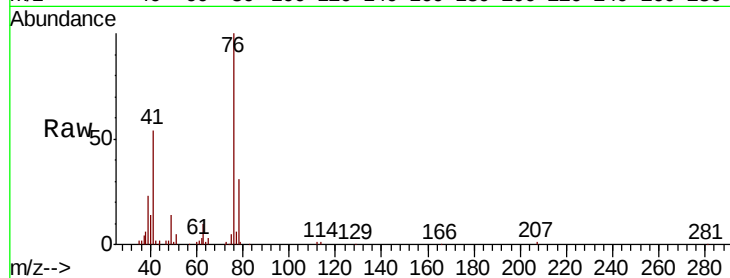
ClientSampleId :

Tot Ion: 76 Resp: 110118

Ion Ratio Lower Upper

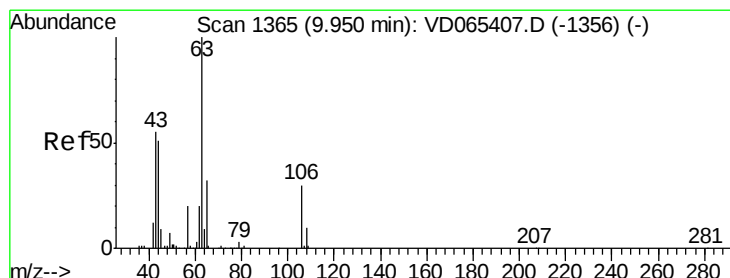
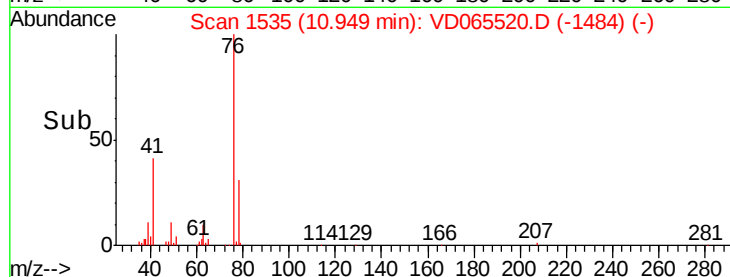
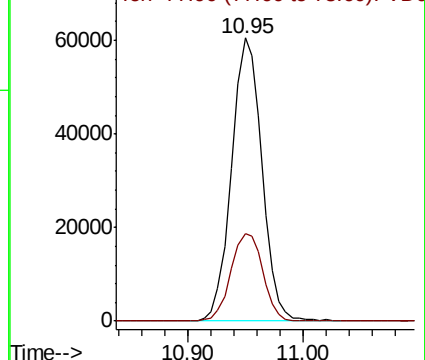
76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 105.956 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065520.D

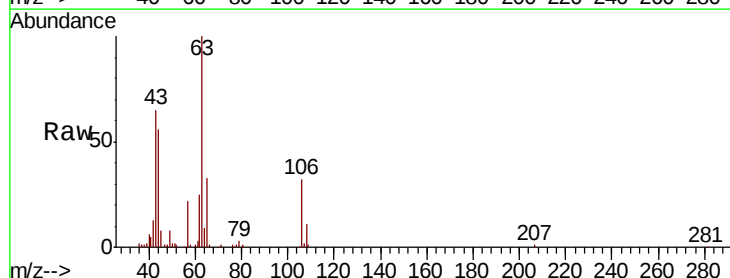
Acq: 24 Mar 2020 15:33

Tgt Ion: 63 Resp: 111043

Ion Ratio Lower Upper

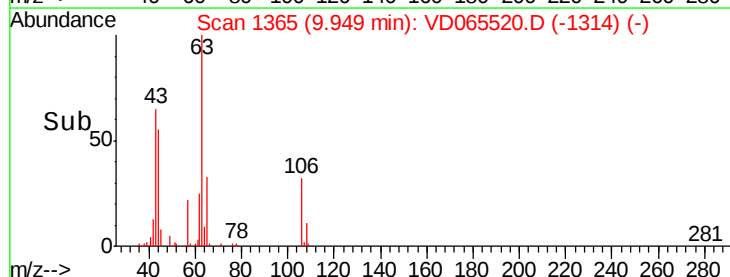
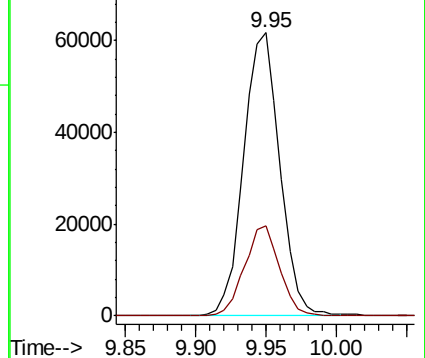
63 100

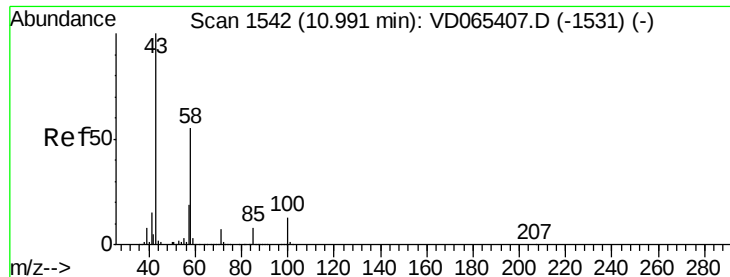
106 30.7 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

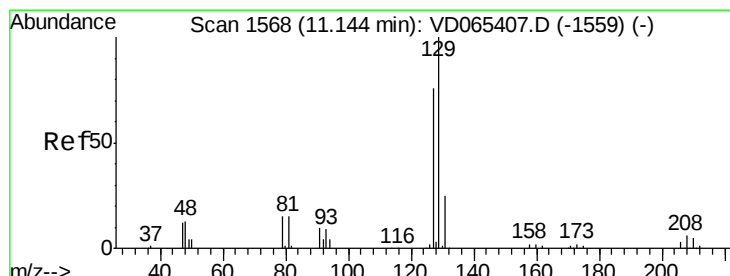
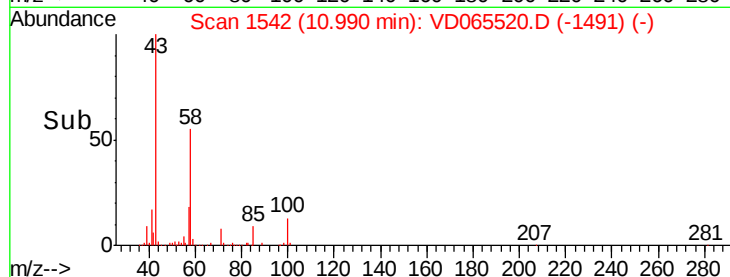
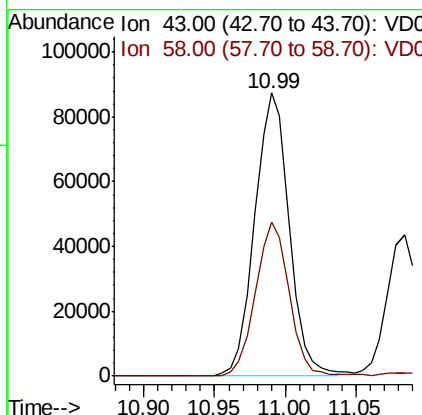
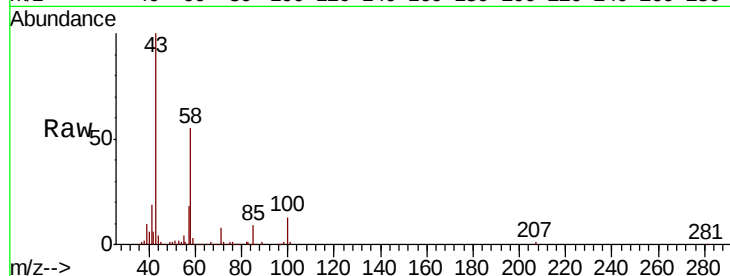




#59
2-Hexanone
Concen: 99.535 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

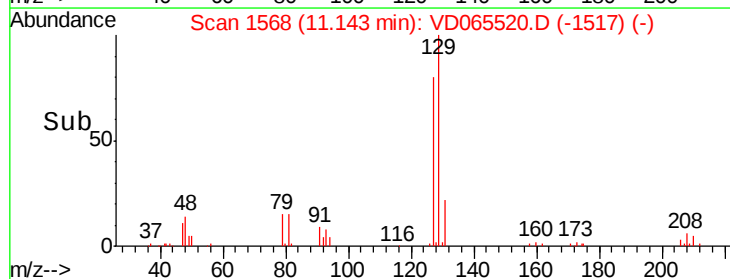
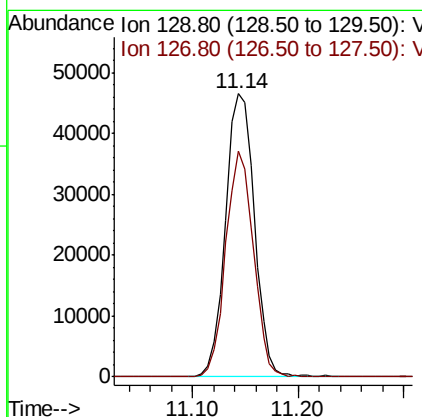
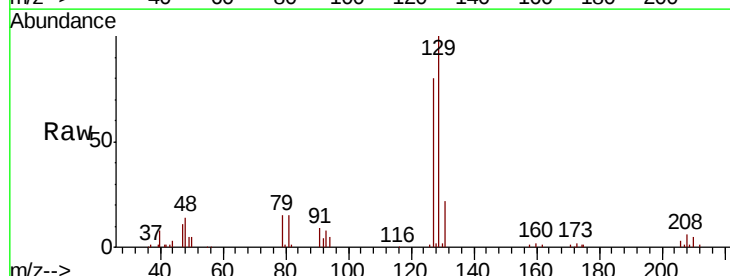
Instrument :
MSVOA_D
ClientSampleId :

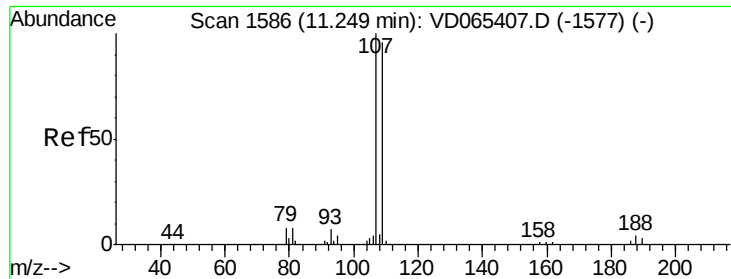
Tot Ion: 43 Resp: 149717
Ion Ratio Lower Upper
43 100
58 53.5 27.4 82.2



#60
Dibromochloromethane
Concen: 22.852 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 129 Resp: 88182
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

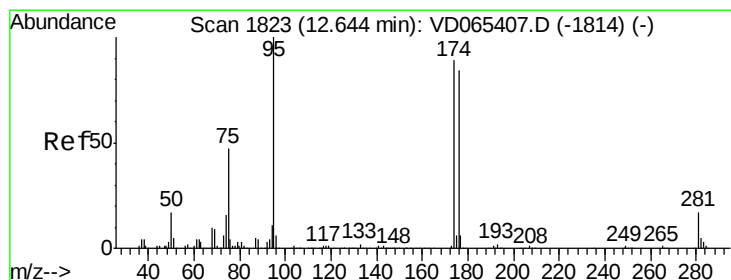
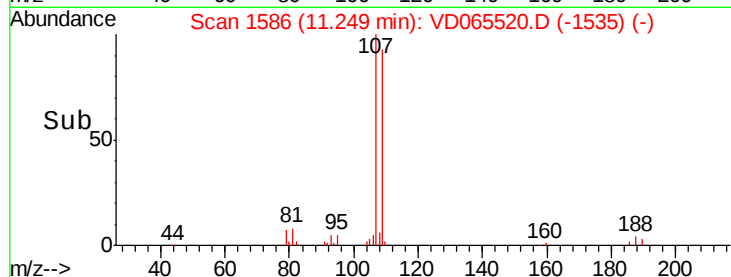
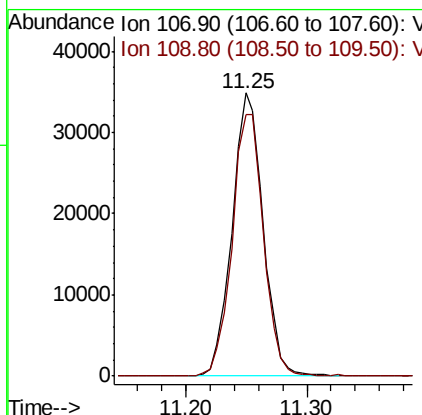
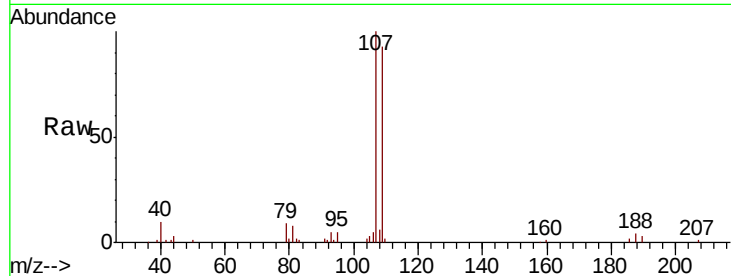




#61
 1,2-Dibromoethane
 Concen: 21.641 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

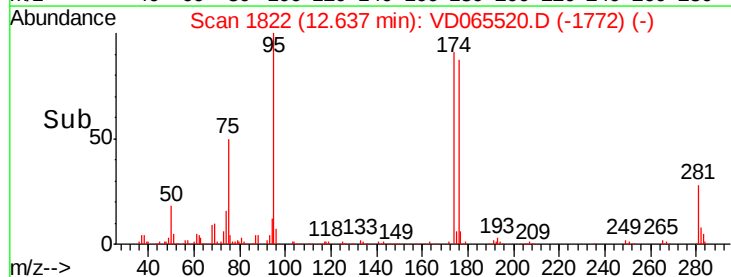
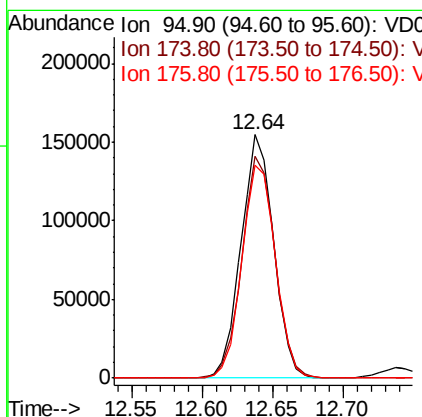
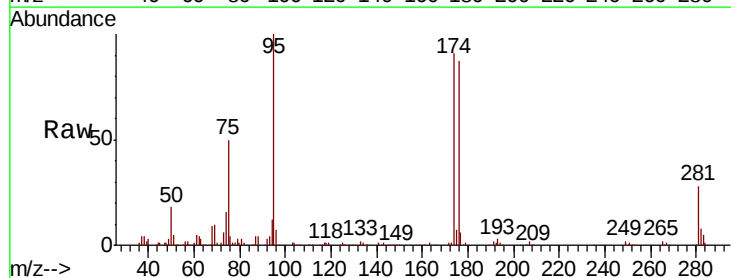
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:107 Resp: 62141
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 54.185 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Tgt Ion: 95 Resp: 250481
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 176.8
 176 90.2 0.0 171.4

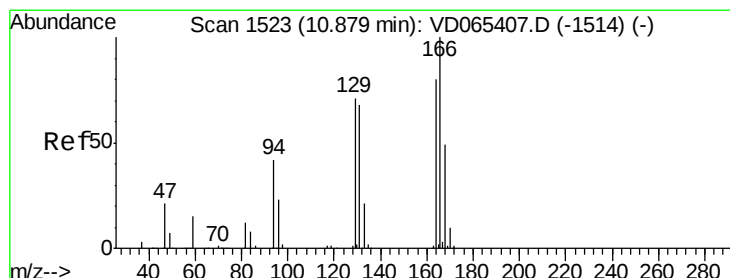
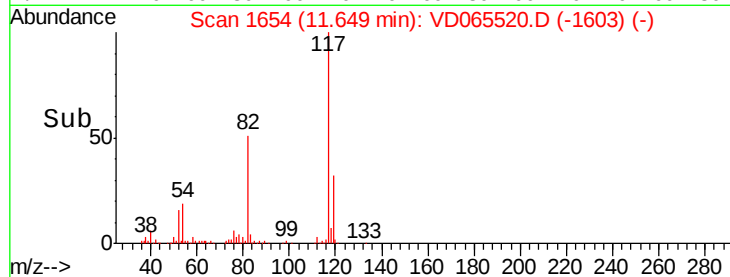
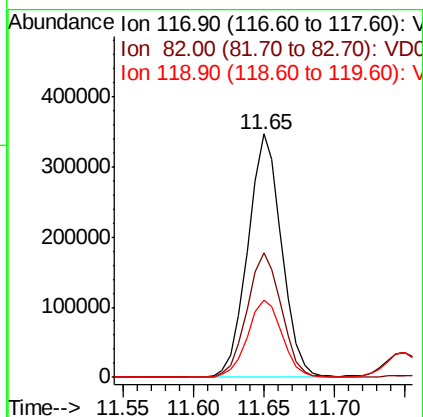
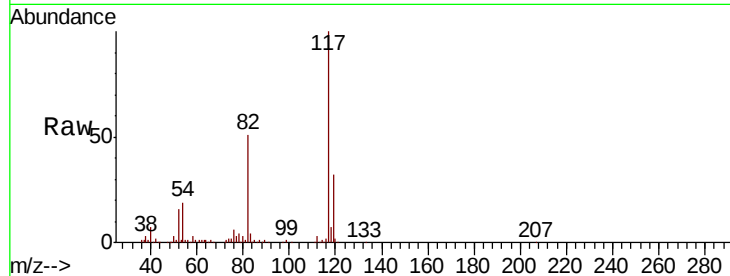




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

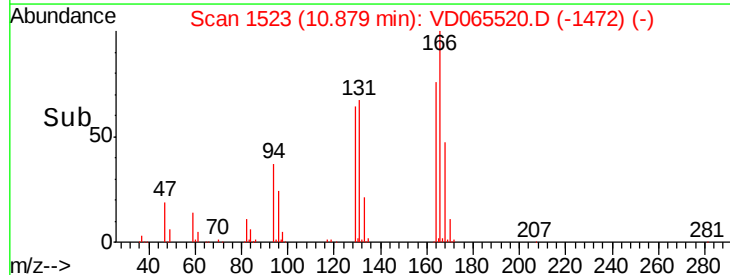
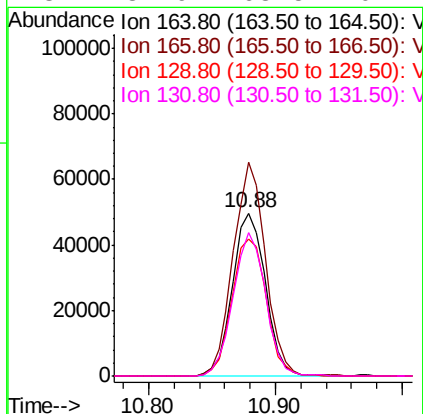
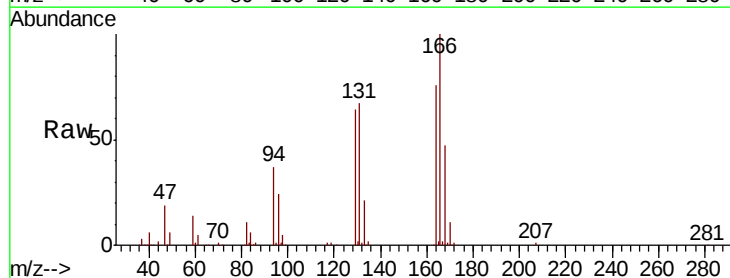
Instrument :
MSVOA_D
ClientSampleId :

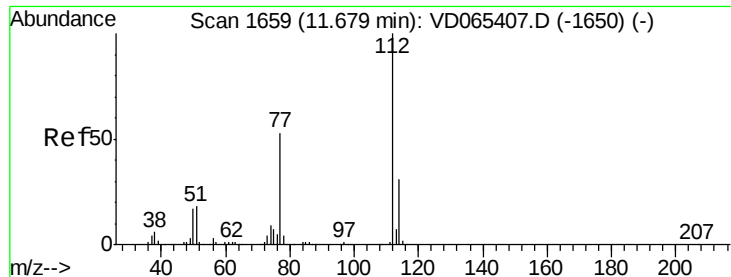
Tot Ion:117 Resp: 582755
Ion Ratio Lower Upper
117 100
82 51.4 40.6 60.8
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 21.431 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion:164 Resp: 89492
Ion Ratio Lower Upper
164 100
166 131.4 100.5 150.7
129 84.2 71.5 107.3
131 87.9 68.5 102.7

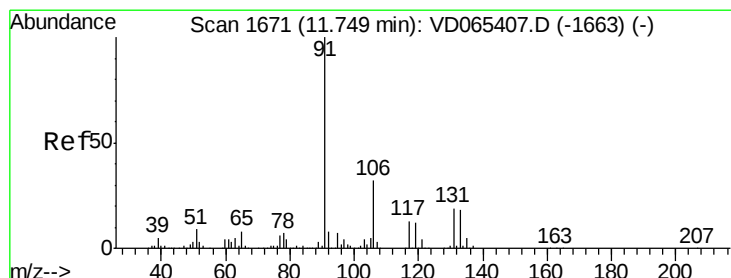
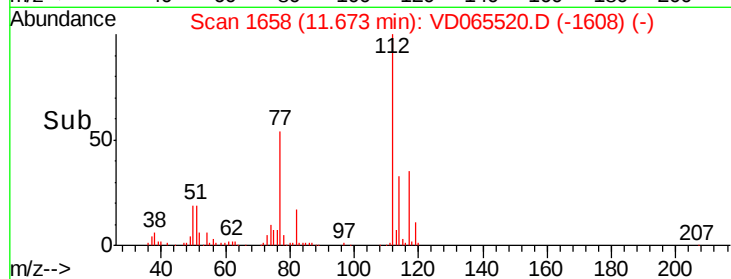
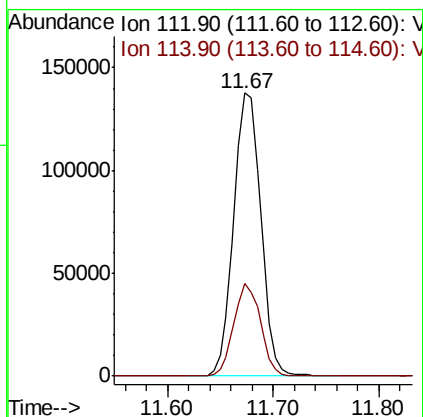
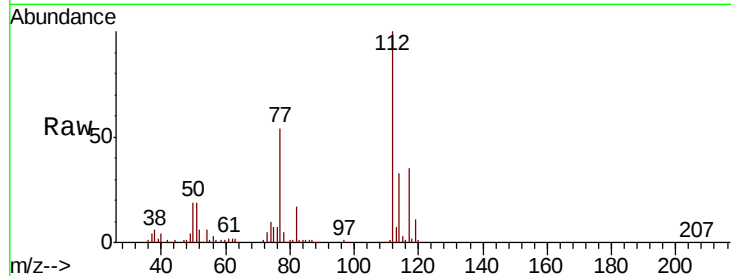




#65
Chlorobenzene
Concen: 21.261 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

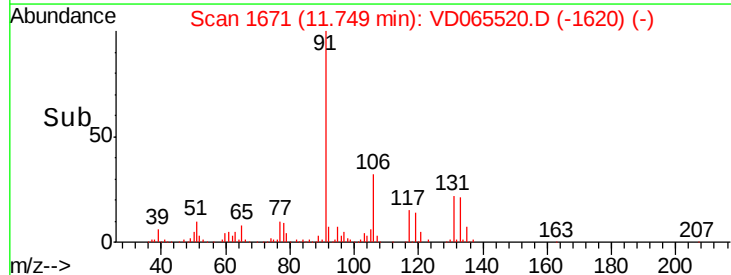
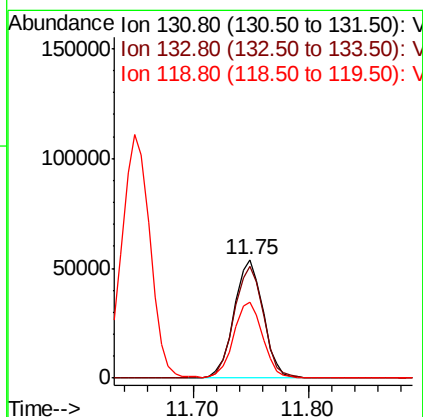
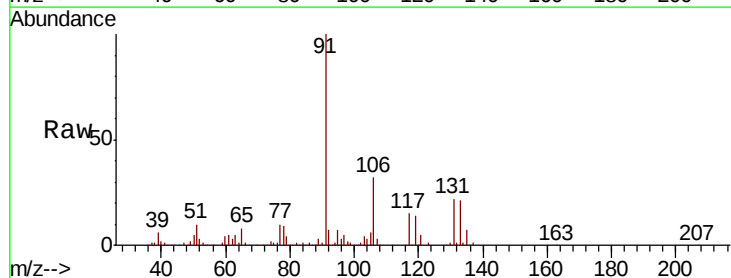
Instrument :
MSVOA_D
ClientSampled :

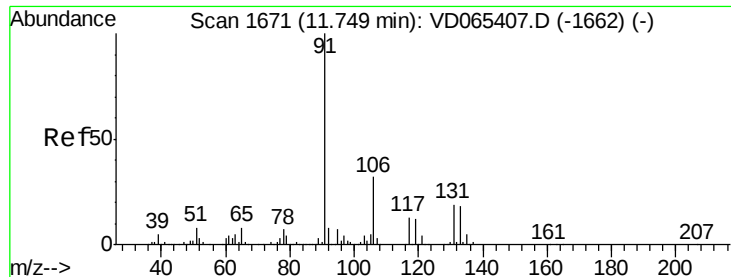
Tot Ion:112 Resp: 245183
Ion Ratio Lower Upper
112 100
114 32.6 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.422 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion:131 Resp: 94171
Ion Ratio Lower Upper
131 100
133 95.6 49.2 147.6
119 64.6 33.3 99.8

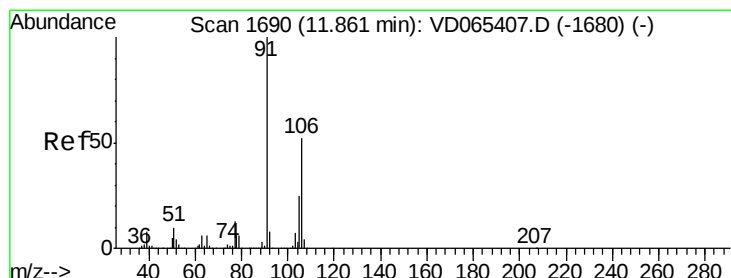
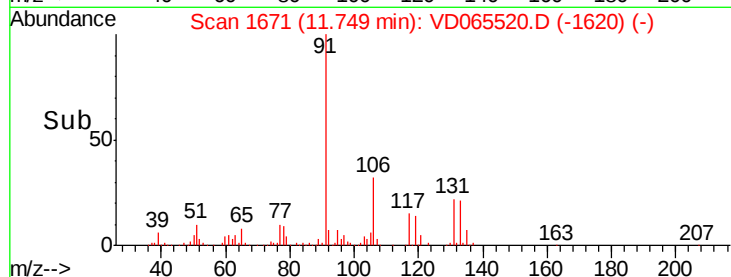
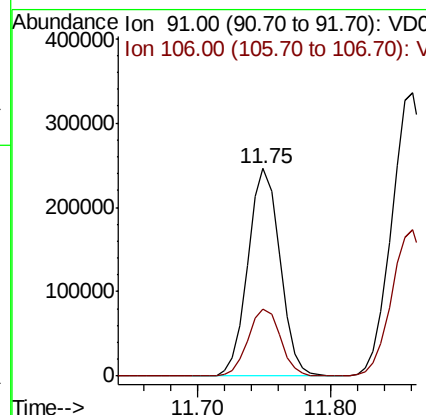
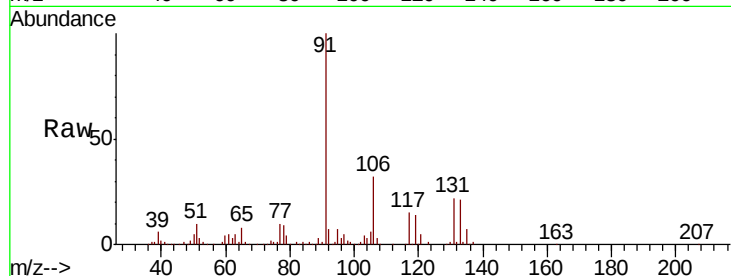




#67
Ethyl Benzene
Concen: 20.498 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

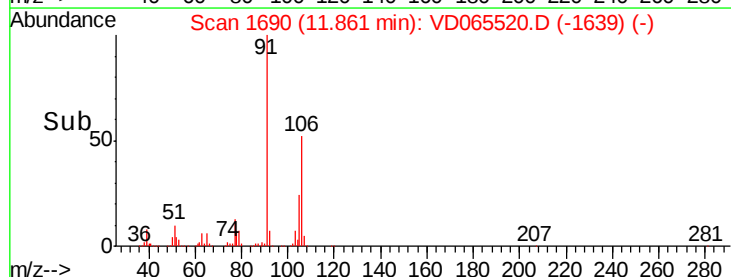
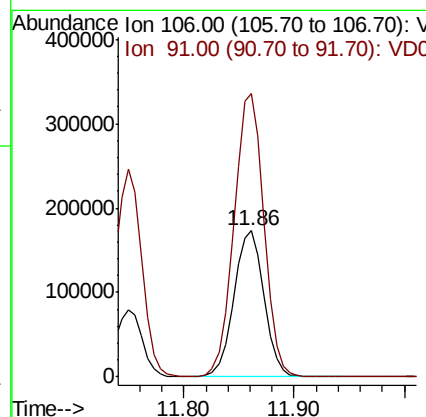
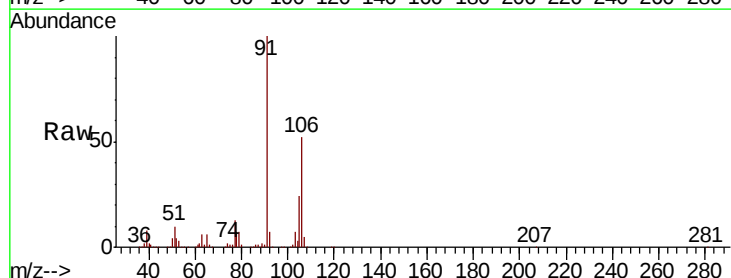
Instrument :
MSVOA_D
ClientSampleId :

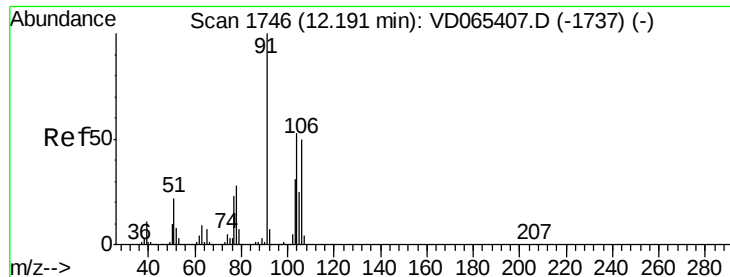
Tot Ion: 91 Resp: 408441
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8



#68
m/p-Xylenes
Concen: 43.012 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 106 Resp: 330470
Ion Ratio Lower Upper
106 100
91 193.5 155.9 233.9

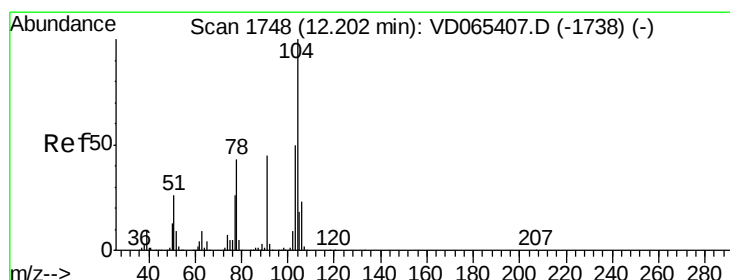
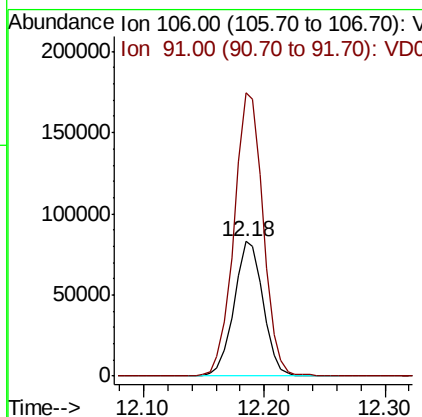
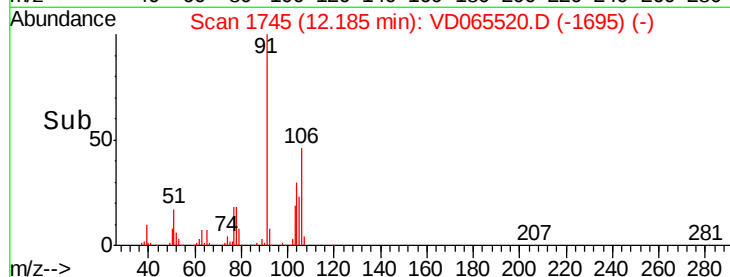
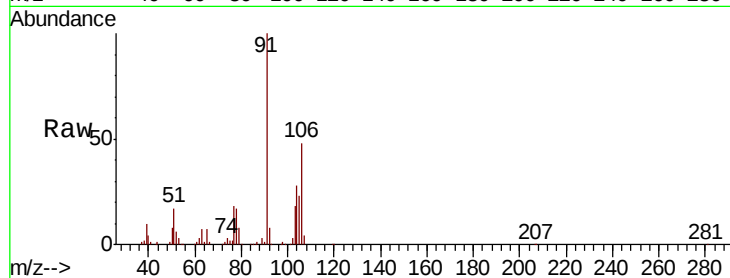




#69
o-Xylene
Concen: 20.712 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

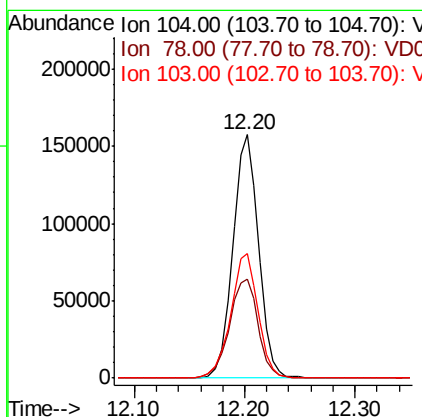
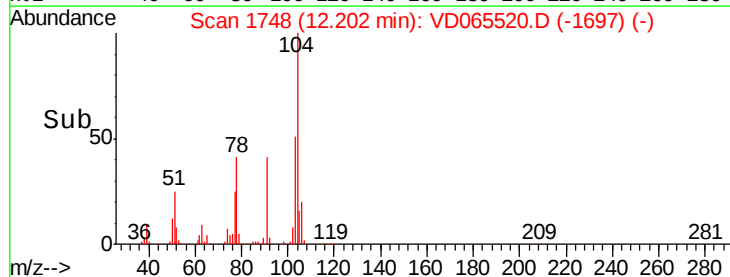
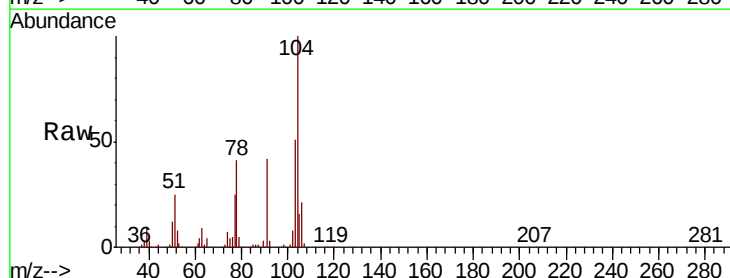
Instrument :
MSVOA_D
ClientSampleId :

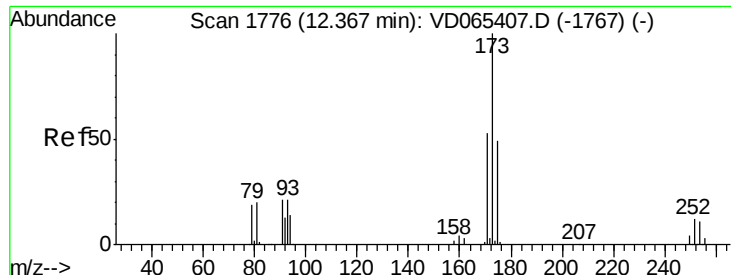
Tot Ion:106 Resp: 139979
Ion Ratio Lower Upper
106 100
91 209.9 103.5 310.3



#70
Styrene
Concen: 21.601 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion:104 Resp: 256933
Ion Ratio Lower Upper
104 100
78 45.4 37.7 56.5
103 54.2 43.6 65.4





#71

Bromoform

Concen: 21.626 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

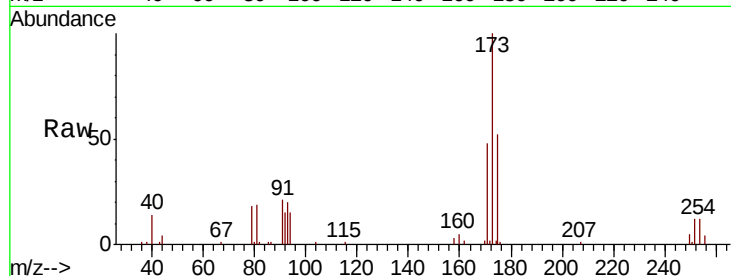
Tot Ion:173 Resp: 51019

Ion Ratio Lower Upper

173 100

175 50.7 24.3 73.0

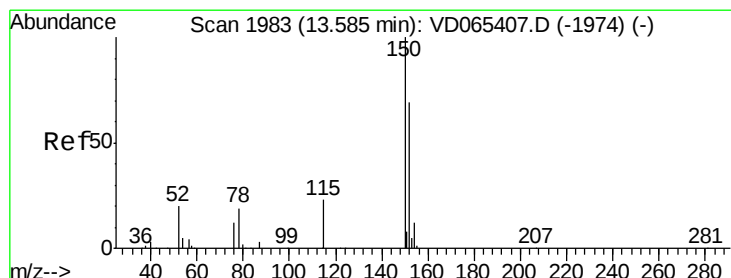
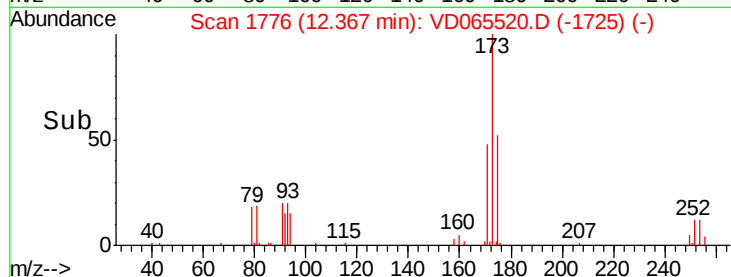
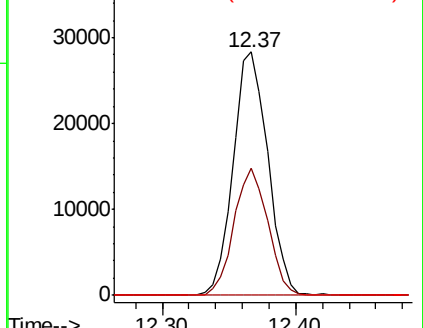
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

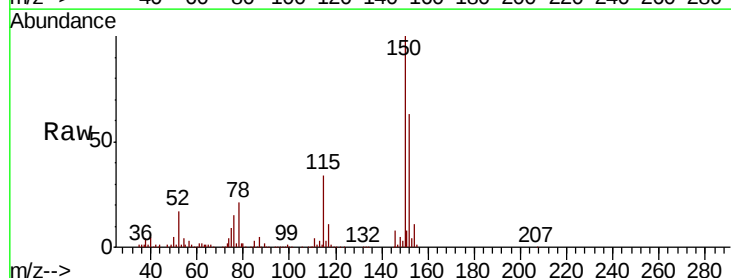
Tgt Ion:152 Resp: 301008

Ion Ratio Lower Upper

152 100

115 54.6 27.6 82.8

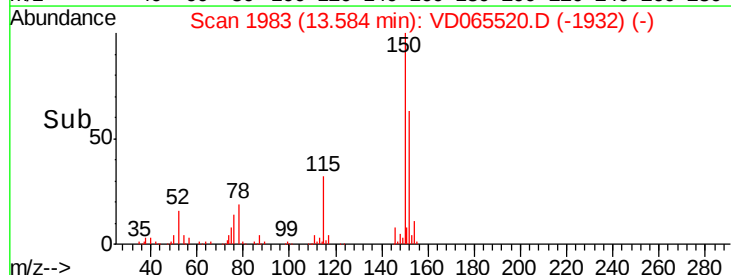
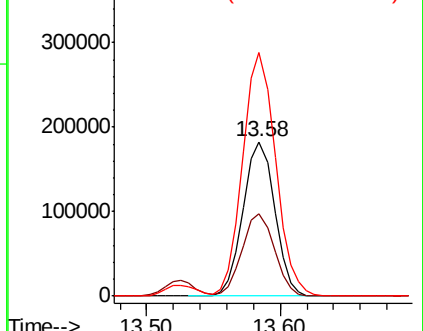
150 163.5 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

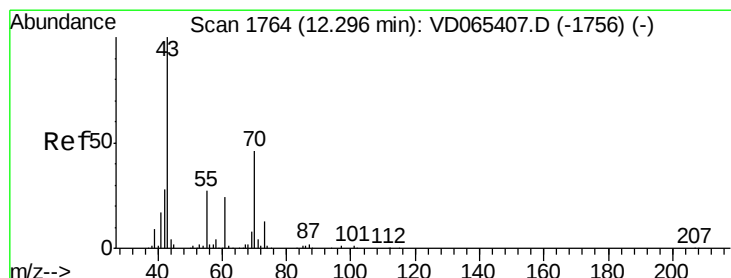
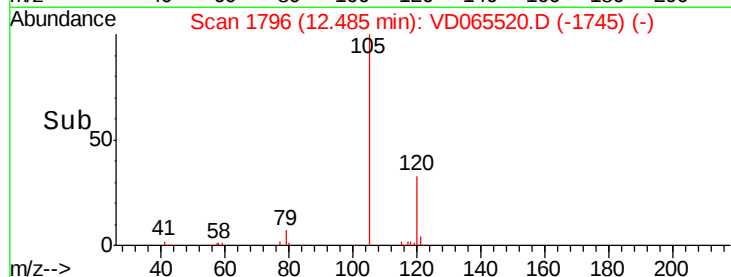
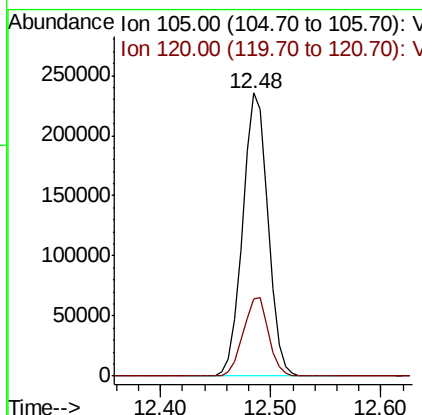
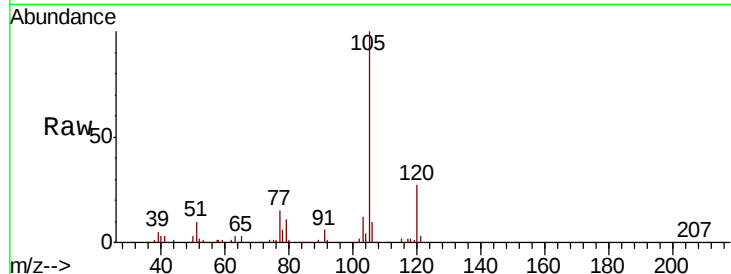




#73
Isopropylbenzene
Concen: 19.186 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

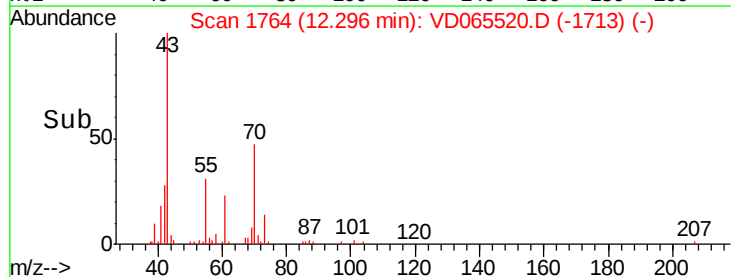
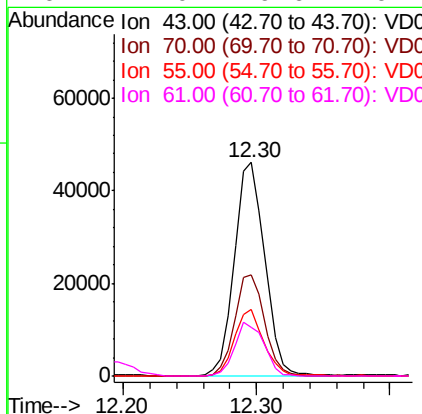
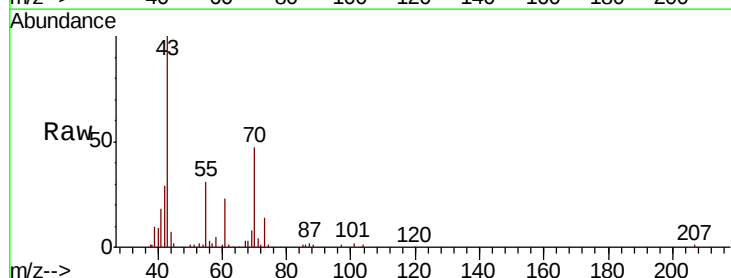
Instrument :
MSVOA_D
ClientSampleID :

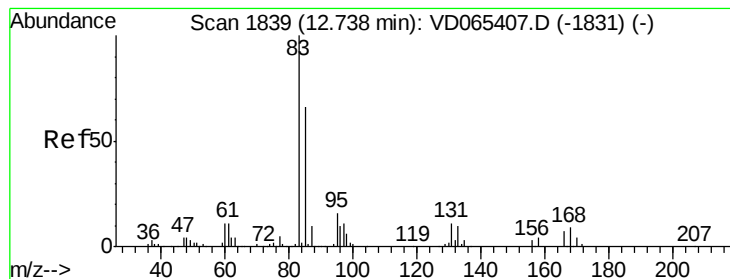
Tot Ion:105 Resp: 379858
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4



#74
N-ethyl acetate
Concen: 18.022 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 43 Resp: 73050
Ion Ratio Lower Upper
43 100
70 46.3 36.1 54.1
55 30.2 21.6 32.4
61 24.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.294 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

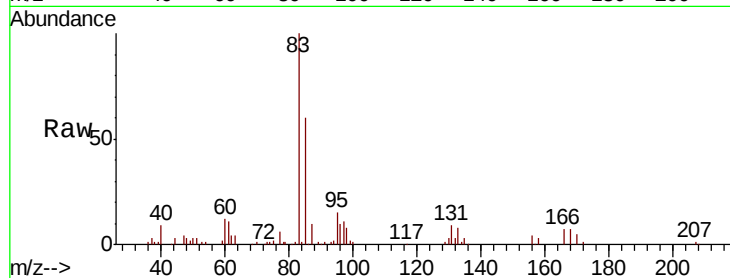
Tot Ion: 83 Resp: 70627

Ion Ratio Lower Upper

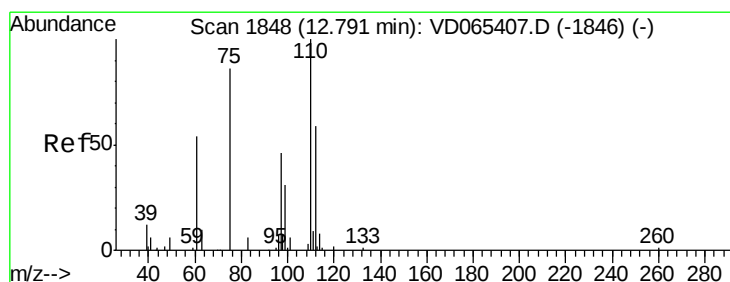
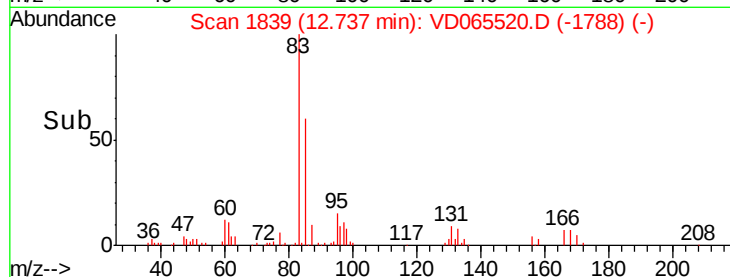
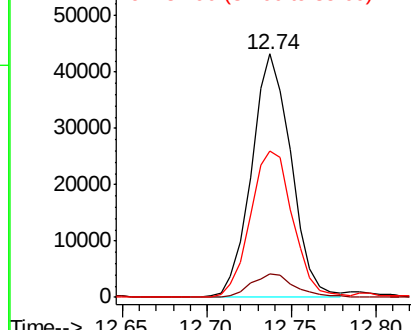
83 100

131 10.4 5.4 16.2

85 64.3 33.0 98.9



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



#76

1,2,3-Trichloropropane

Concen: 37.536 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065520.D

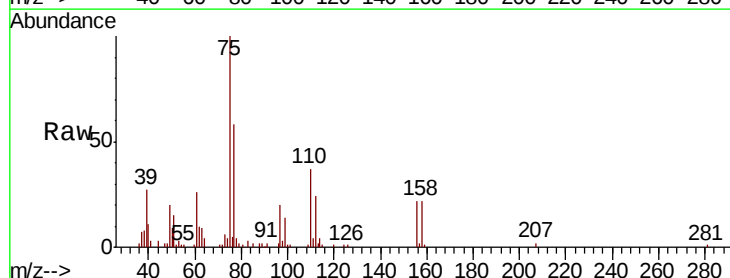
Acq: 24 Mar 2020 15:33

Tgt Ion: 75 Resp: 89155

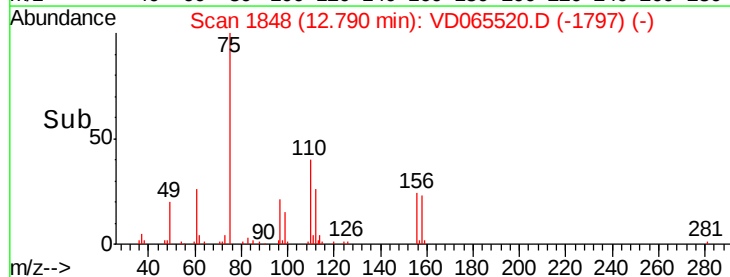
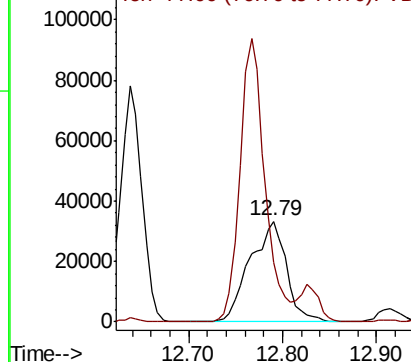
Ion Ratio Lower Upper

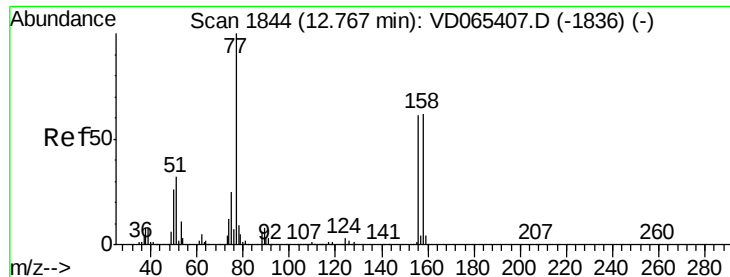
75 100

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: 20.979 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

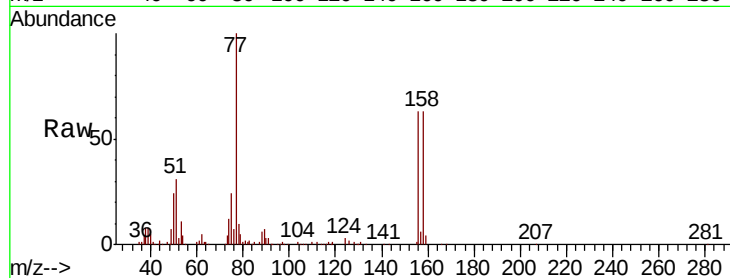
ClientSampleId :

Tot Ion:156 Resp: 103197

Ion	Ratio	Lower	Upper
156	100		
77	167.0	84.9	254.6
158	96.3	49.0	147.2

77 167.0 84.9 254.6

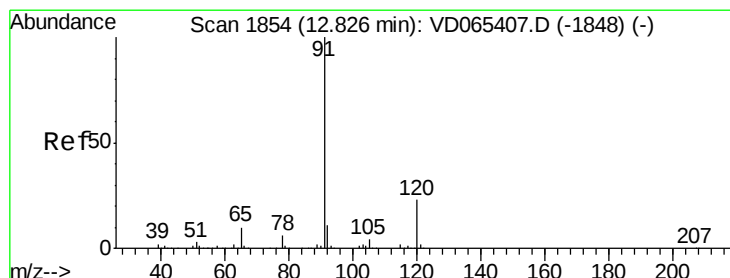
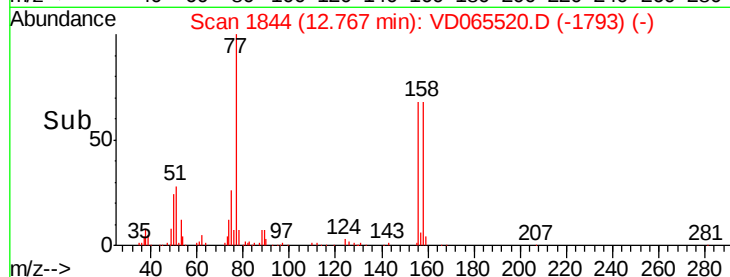
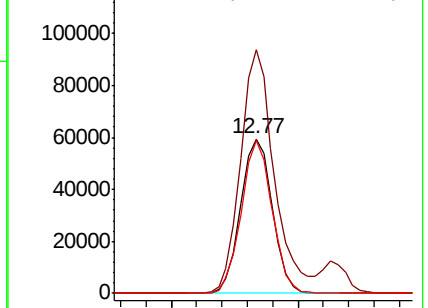
158 96.3 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.167 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065520.D

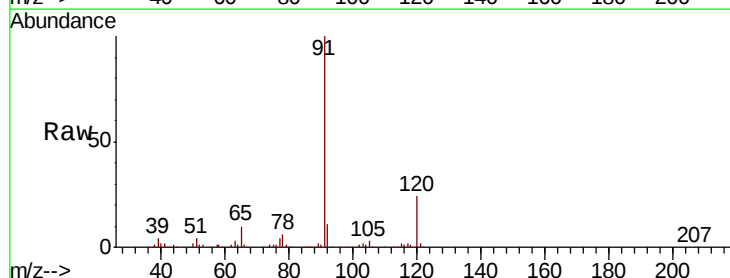
Acq: 24 Mar 2020 15:33

Tgt Ion: 91 Resp: 473744

Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.5

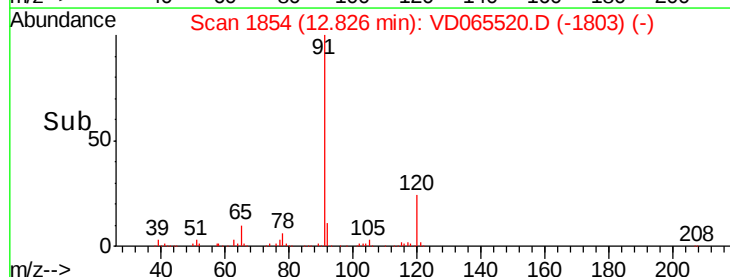
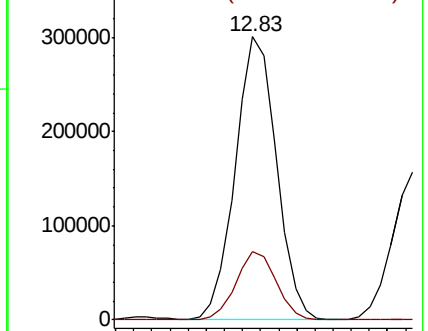
91 100

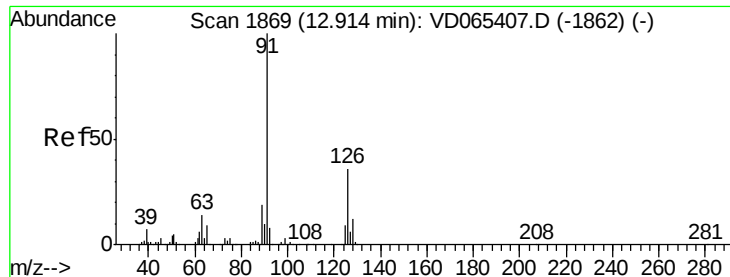
120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.169 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

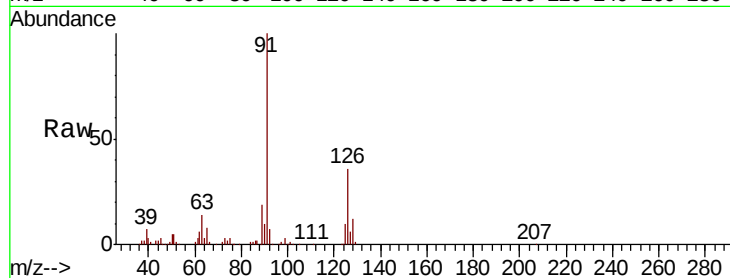
ClientSampled :

Tot Ion: 91 Resp: 267020

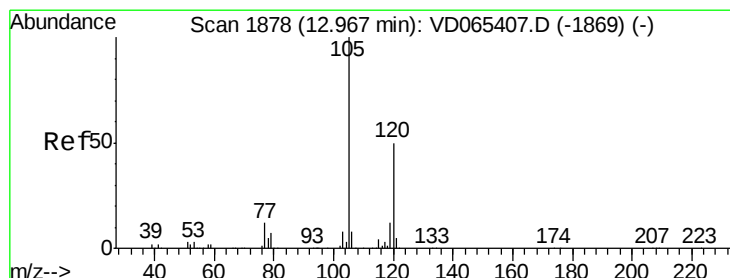
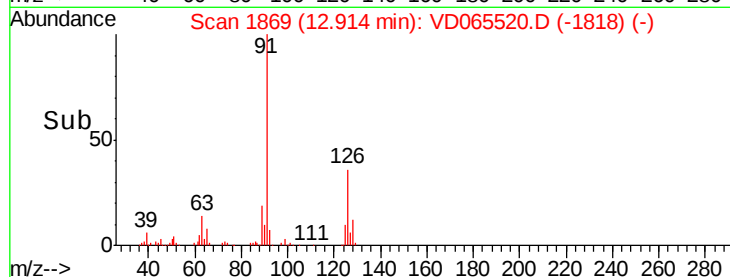
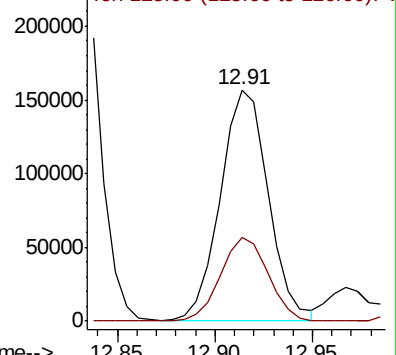
Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VD065407.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.174 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065520.D

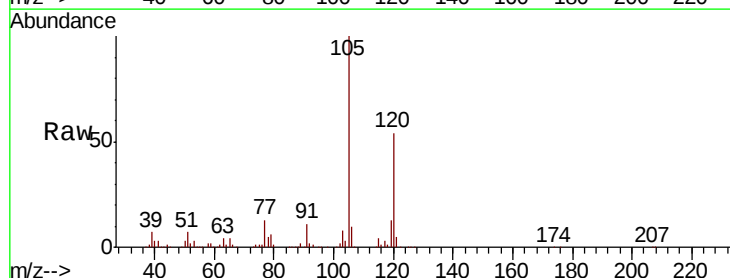
Acq: 24 Mar 2020 15:33

Tgt Ion:105 Resp: 328371

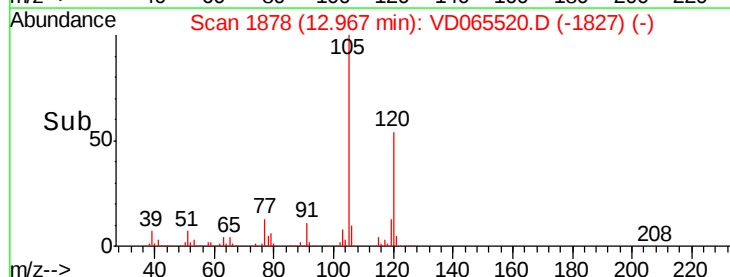
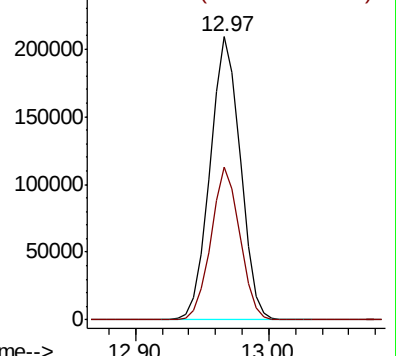
Ion Ratio Lower Upper

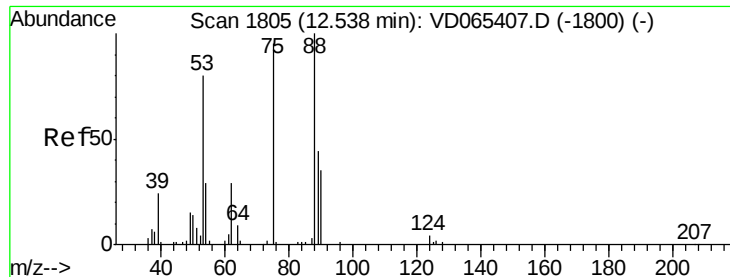
105 100

120 51.2 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065407.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.374 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

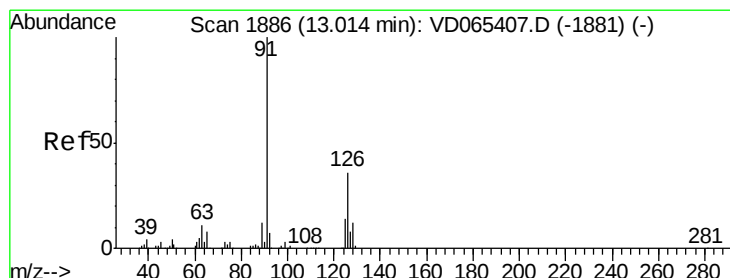
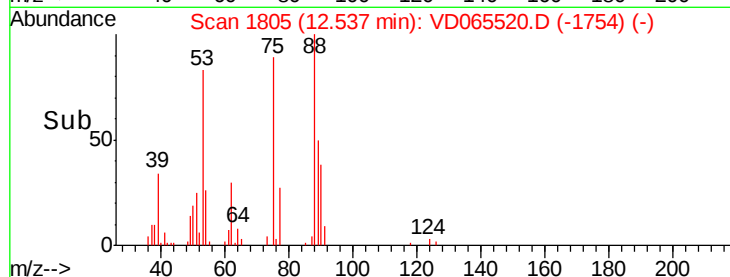
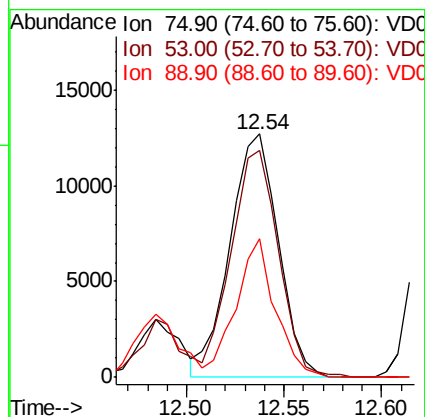
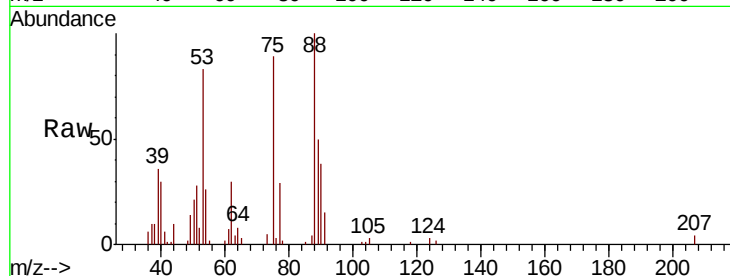
Tot Ion: 75 Resp: 21806

Ion Ratio Lower Upper

75 100

53 91.3 71.3 106.9

89 46.4 37.0 55.6



#82

4-Chlorotoluene

Concen: 20.585 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065520.D

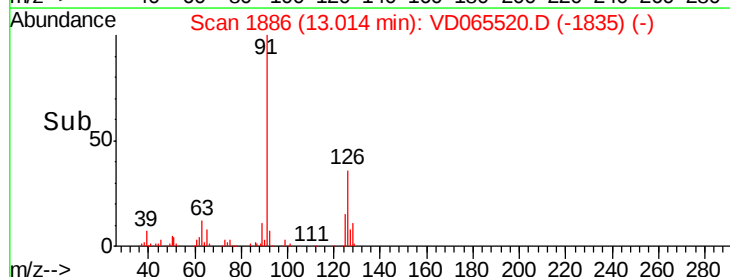
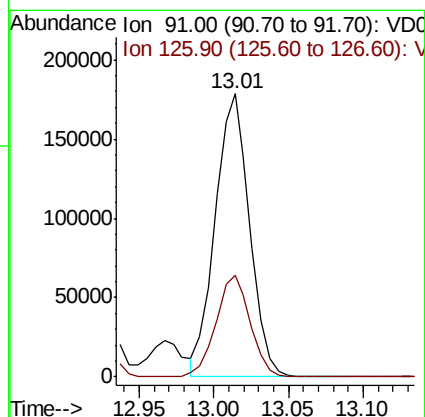
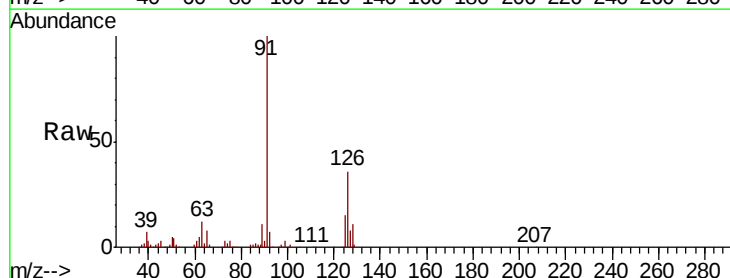
Acq: 24 Mar 2020 15:33

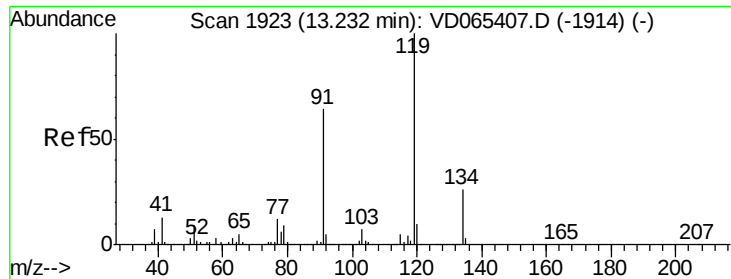
Tgt Ion: 91 Resp: 286389

Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8

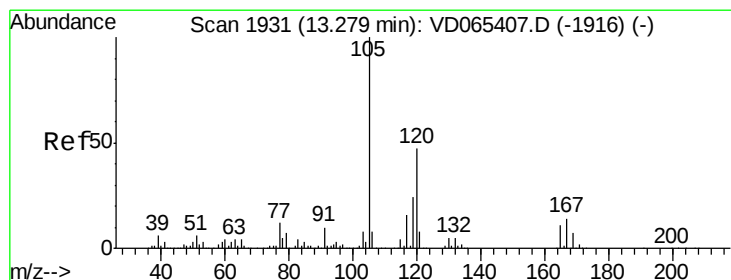
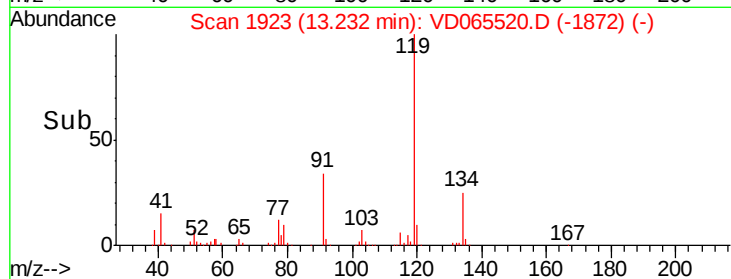
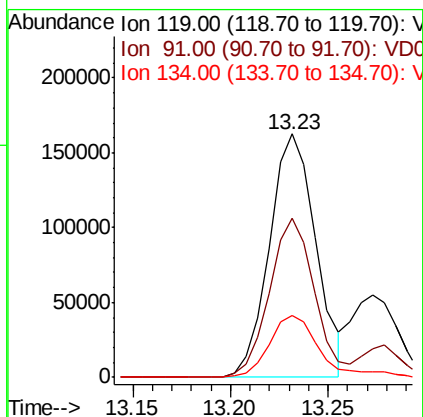
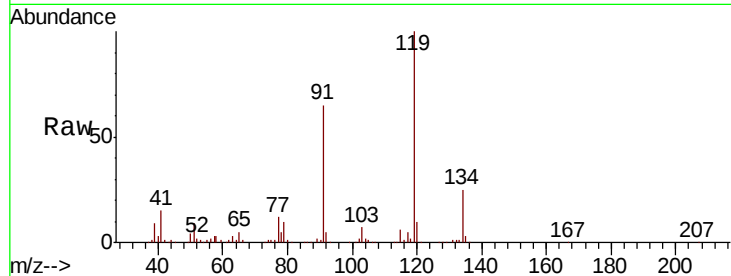




#83
tert-Butylbenzene
Concen: 19.483 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

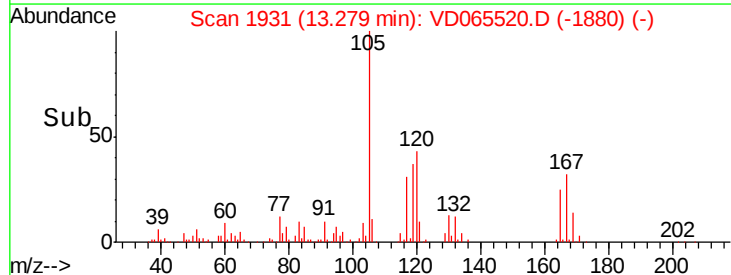
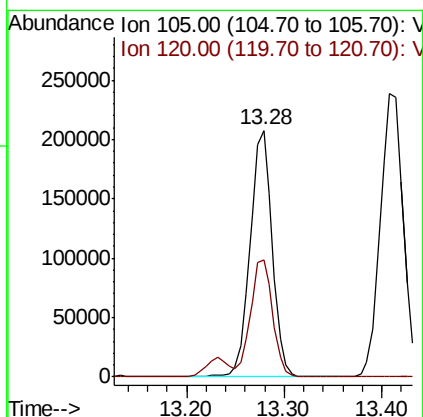
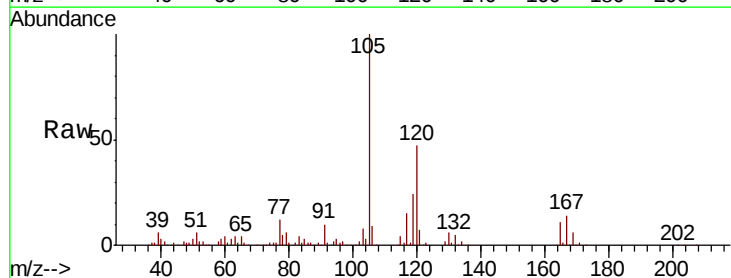
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 268290
Ion Ratio Lower Upper
119 100
91 63.4 31.6 95.0
134 27.6 14.2 42.8



#84
1,2,4-Trimethylbenzene
Concen: 20.560 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion:105 Resp: 329876
Ion Ratio Lower Upper
105 100
120 47.6 23.4 70.3





#85

sec-Butylbenzene

Concen: 19.743 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

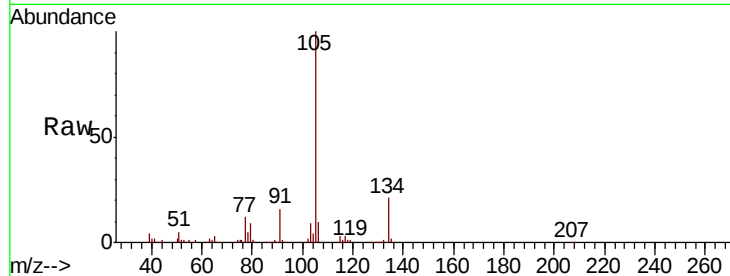
ClientSampled :

Tot Ion:105 Resp: 388059

Ion Ratio Lower Upper

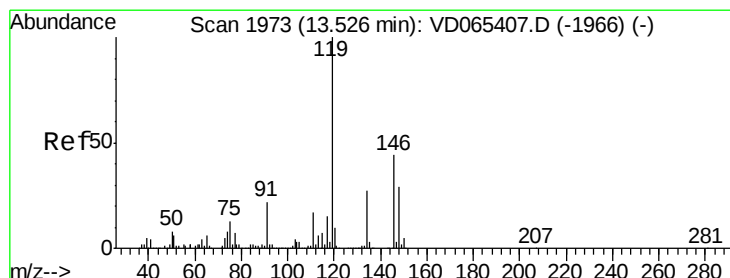
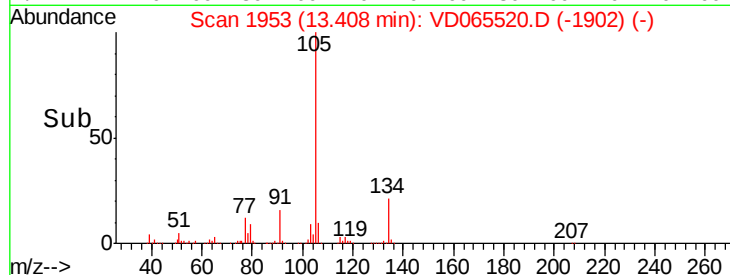
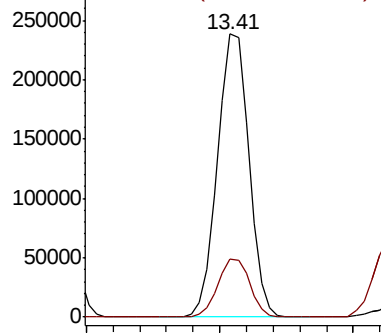
105 100

134 21.0 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.363 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

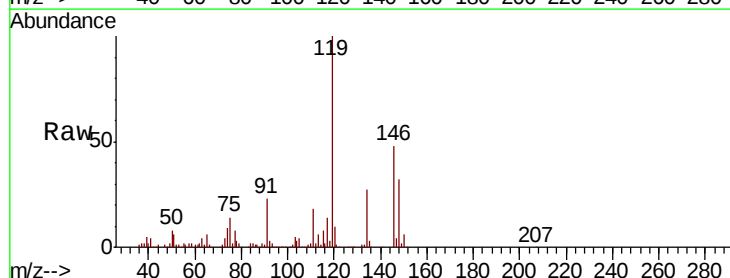
Tgt Ion:119 Resp: 365226

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

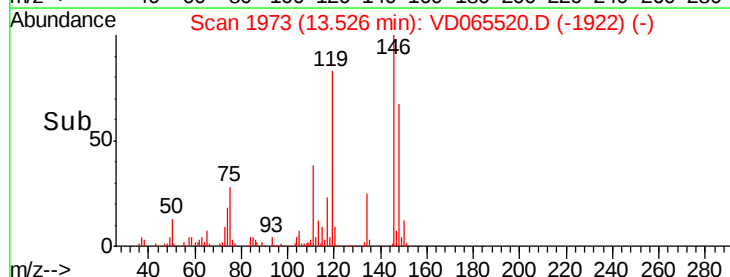
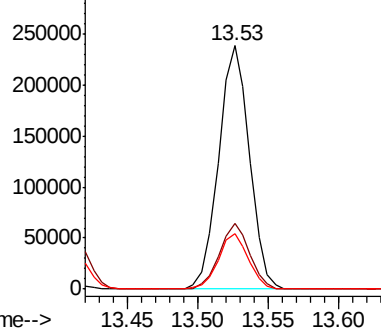
91 22.0 10.9 32.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.771 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

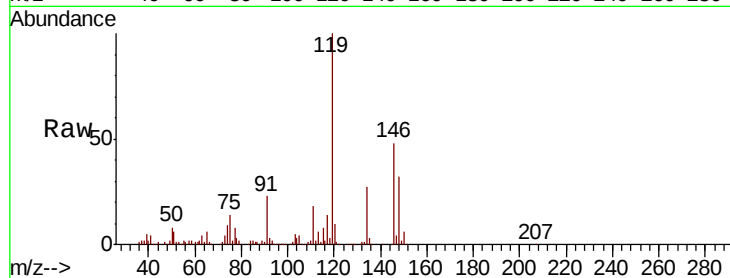
Tot Ion:146 Resp: 196437

Ion Ratio Lower Upper

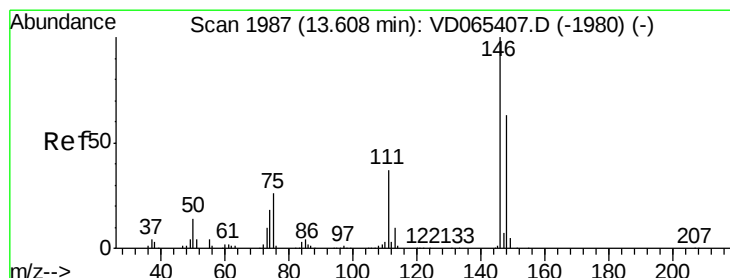
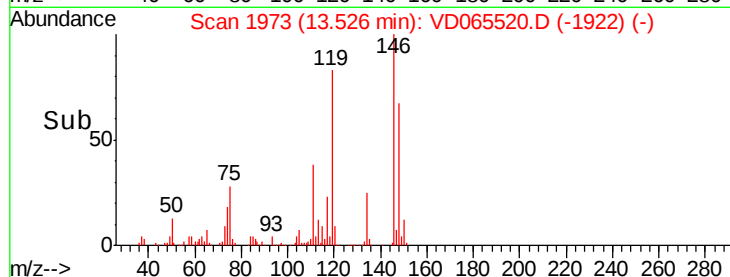
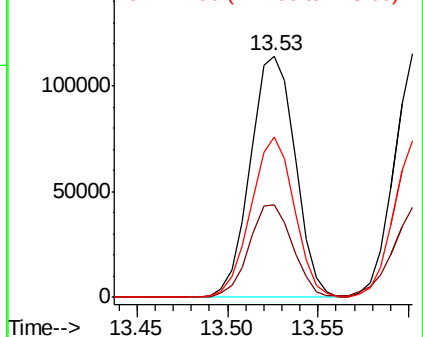
146 100

111 37.4 19.1 57.1

148 64.2 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.814 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.01 min

Lab File: VD065520.D

Acq: 24 Mar 2020 15:33

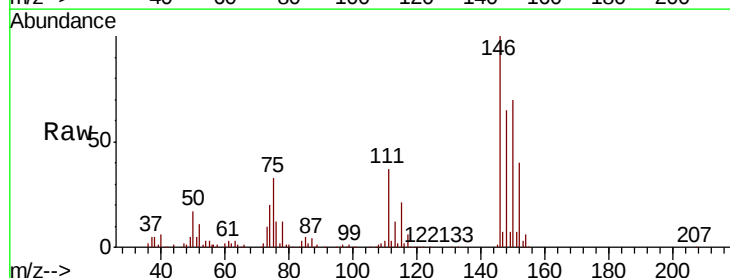
Tgt Ion:146 Resp: 195802

Ion Ratio Lower Upper

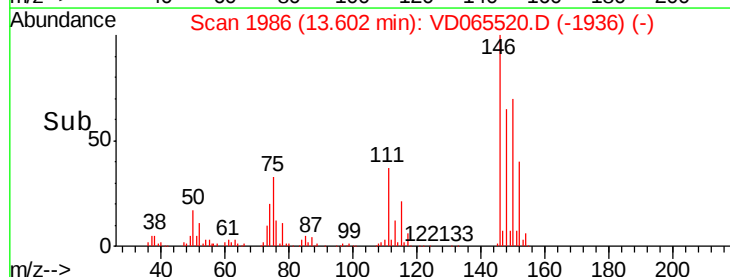
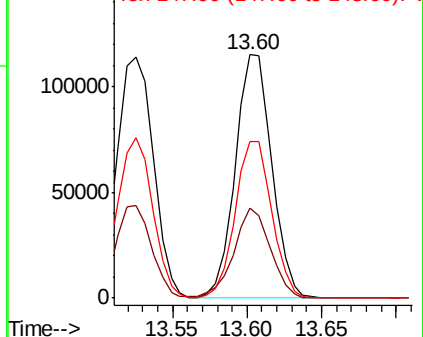
146 100

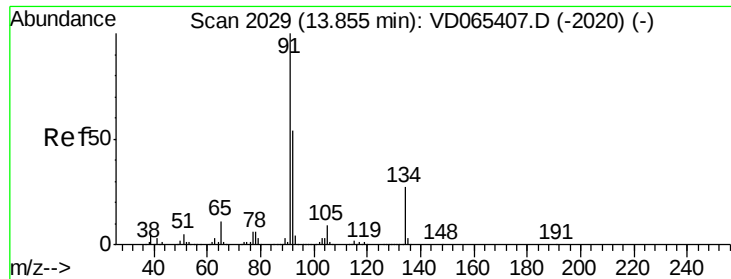
111 37.1 18.5 55.5

148 64.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

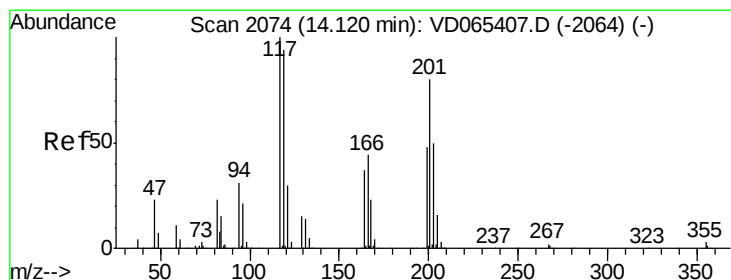
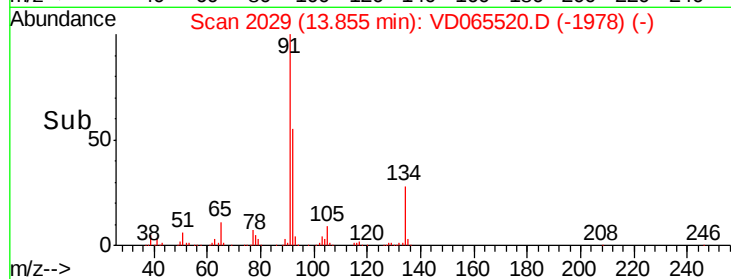
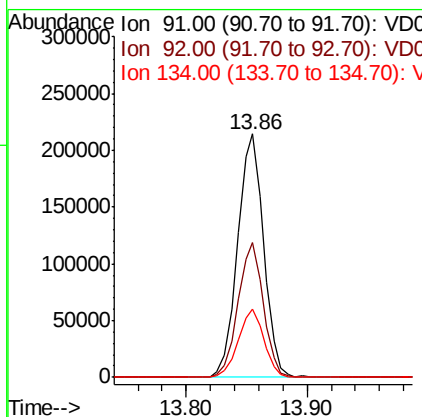
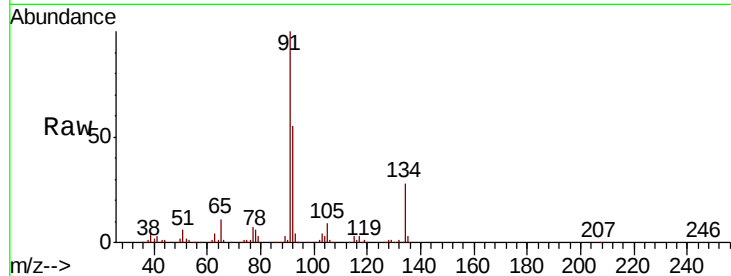




#89
n-Butylbenzene
Concen: 19.391 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

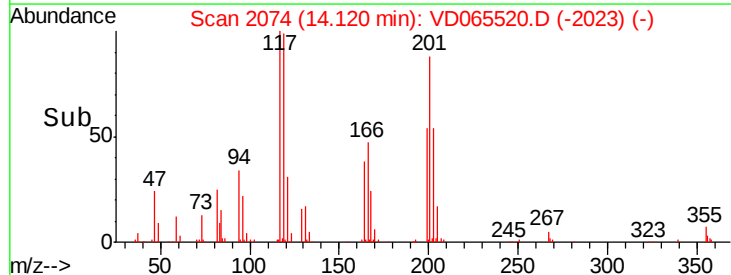
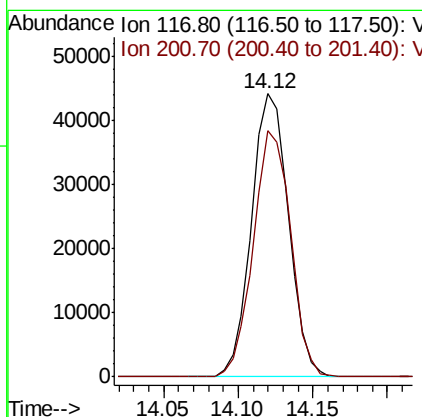
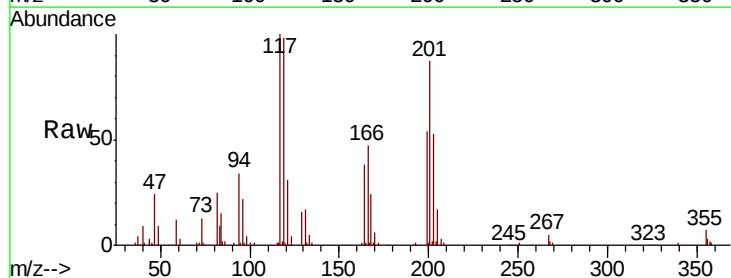
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 91 Resp: 321539
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 27.6 13.4 40.2



#90
Hexachloroethane
Concen: 20.454 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion: 117 Resp: 75550
Ion Ratio Lower Upper
117 100
201 87.8 41.9 125.6

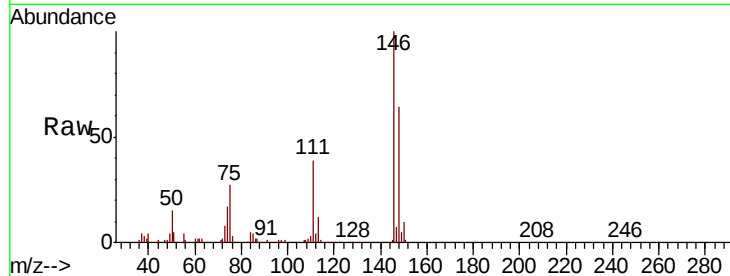




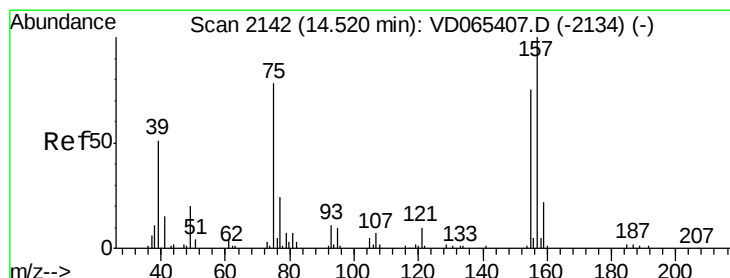
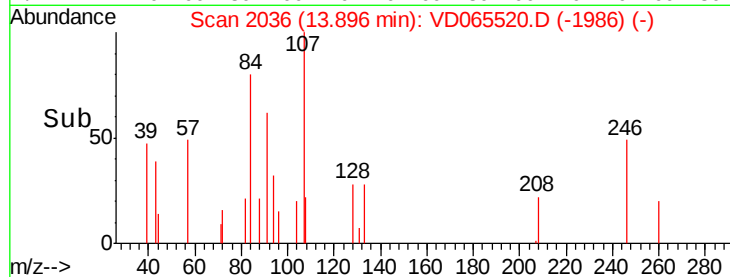
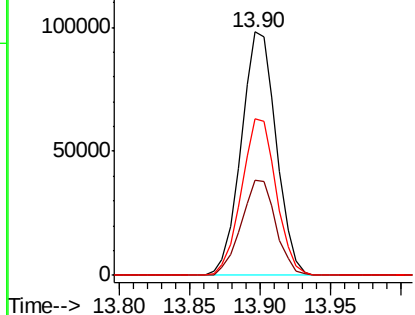
#91
 1,2-Dichlorobenzene
 Concen: 21.156 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.8	59.3
148	63.6	32.6	97.8

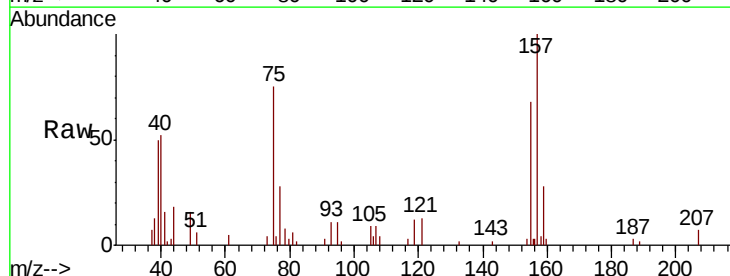


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

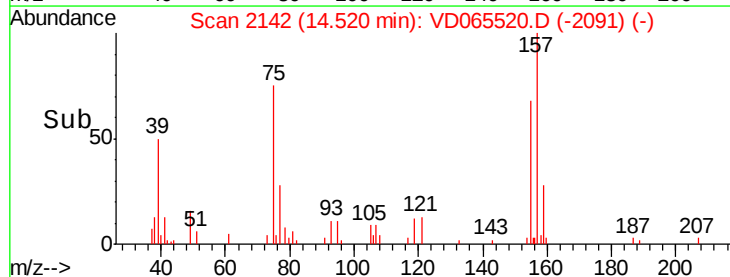
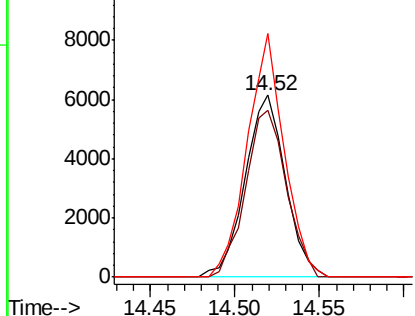


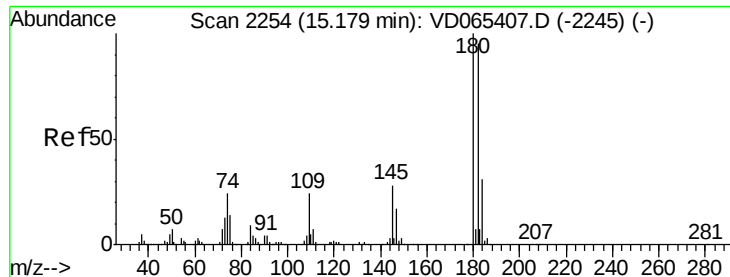
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.171 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	46.4	139.1
157	122.7	60.2	180.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

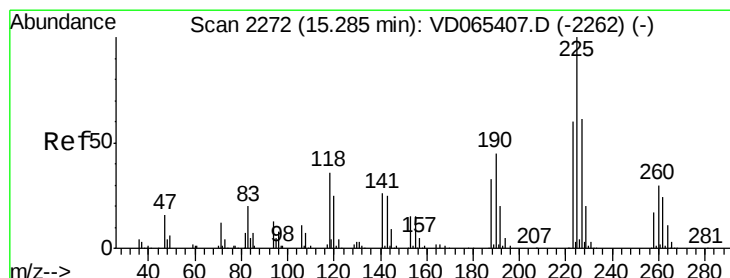
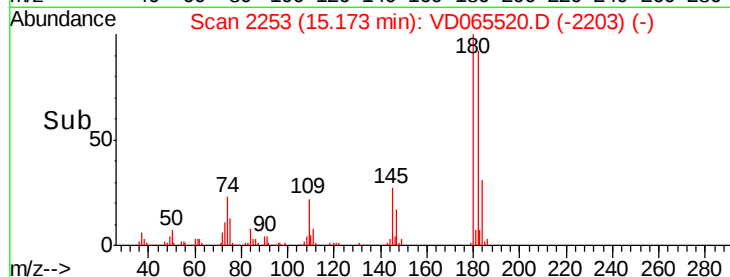
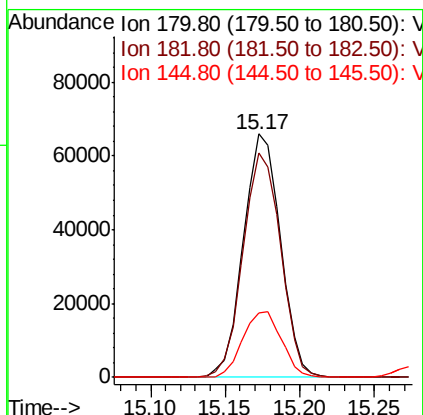
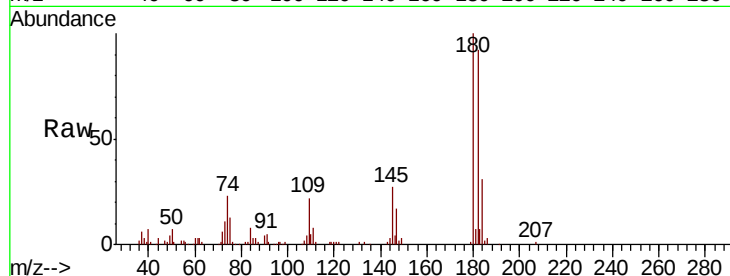




#93
 1,2,4-Trichlorobenzene
 Concen: 20.791 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.01 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

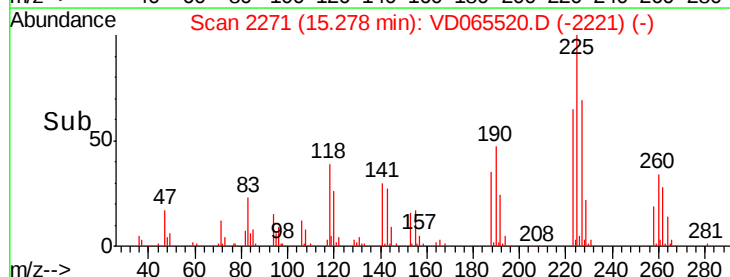
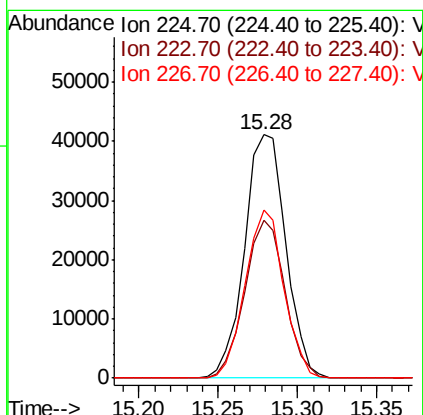
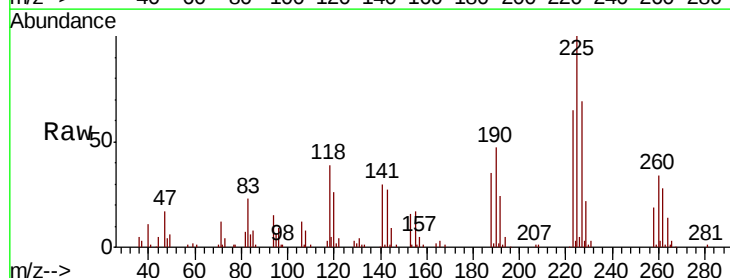
Instrument :
 MSVOA_D
 ClientSampleId :

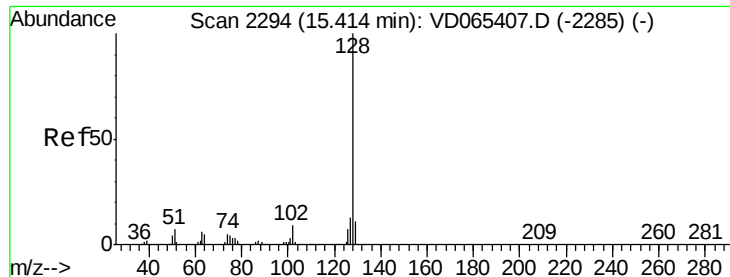
Tot Ion:180 Resp: 113410
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.3 144.9
 145 28.3 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 20.785 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065520.D
 Acq: 24 Mar 2020 15:33

Tgt Ion:225 Resp: 74495
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.9 92.5
 227 64.6 31.6 94.7

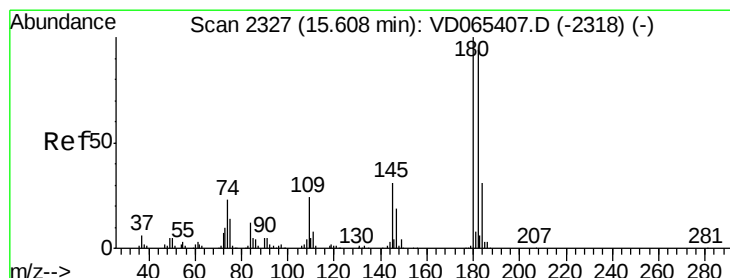
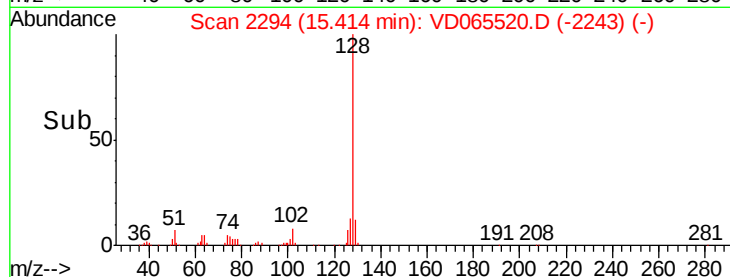
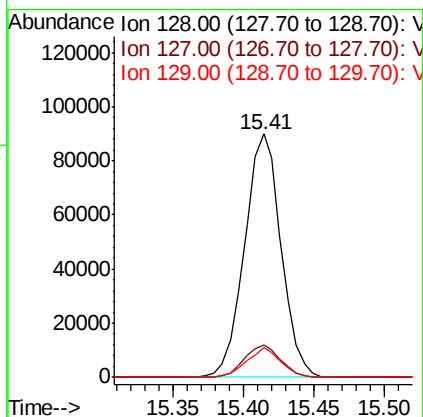
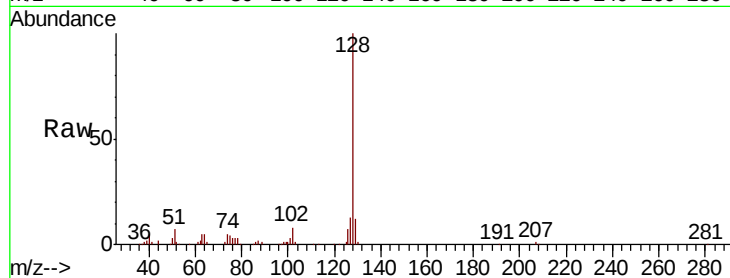




#95
Naphthalene
Concen: 19.675 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 162783
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.098 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065520.D
Acq: 24 Mar 2020 15:33

Tgt Ion:180 Resp: 99447
Ion Ratio Lower Upper
180 100
182 91.3 46.9 140.6
145 30.1 15.0 45.1

