

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042220\
 Data File : VD065666.D
 Acq On : 22 Apr 2020 15:05
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 03:35:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	234835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	303558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	303482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	99232	50.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.02%	
35) Dibromofluoromethane	7.91	113	98256	51.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.90%	
50) Toluene-d8	10.34	98	375329	53.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.64	95	120144	52.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	83906	44.356	ug/l	100
3) Chloromethane	2.21	50	87145	42.084	ug/l	100
4) Vinyl Chloride	2.35	62	96216	42.630	ug/l	100
5) Bromomethane	2.77	94	55105	44.279	ug/l	100
6) Chloroethane	2.92	64	58362	43.340	ug/l	100
7) Trichlorofluoromethane	3.27	101	138507	42.876	ug/l	100
8) Diethyl Ether	3.70	74	29447	44.806	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	64804	43.851	ug/l	100
10) Methyl Iodide	4.29	142	68223	34.201	ug/l	100
11) Tert butyl alcohol	5.25	59	25973	237.720	ug/l	100
12) 1,1-Dichloroethene	4.06	96	58563	44.070	ug/l	100
13) Acrolein	3.93	56	22392	261.249	ug/l	100
14) Allyl chloride	4.71	41	113258	45.871	ug/l	100
15) Acrylonitrile	5.43	53	97878	233.210	ug/l	100
16) Acetone	4.17	43	66748	237.131	ug/l	100
17) Carbon Disulfide	4.40	76	205222	39.694	ug/l	100
18) Methyl Acetate	4.73	43	42915	46.485	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	180377	46.342	ug/l	100
20) Methylene Chloride	4.96	84	95697	43.183	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	98344	43.813	ug/l	100
22) Diisopropyl ether	6.37	45	271546	45.165	ug/l	100
23) Vinyl Acetate	6.31	43	772650	241.148	ug/l	100
24) 1,1-Dichloroethane	6.26	63	163045	42.545	ug/l	100
25) 2-Butanone	7.22	43	119814	233.436	ug/l	100
26) 2,2-Dichloropropane	7.21	77	138307	41.445	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	96952	41.497	ug/l	100
28) Bromochloromethane	7.55	49	78716	50.313	ug/l	100
29) Tetrahydrofuran	7.57	42	79824	245.289	ug/l	100
30) Chloroform	7.71	83	161739	41.431	ug/l	100
31) Cyclohexane	7.98	56	152927	41.885	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	148120	41.997	ug/l	100
36) 1,1-Dichloropropene	8.11	75	134644	46.879	ug/l	100
37) Ethyl Acetate	7.30	43	56031	49.602	ug/l	100
38) Carbon Tetrachloride	8.10	117	138954	45.352	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	156161	47.092	ug/l	100
40) Benzene	8.36	78	377458	45.911	ug/l	100
41) Methacrylonitrile	7.53	41	32248	54.142	ug/l	100
42) 1,2-Dichloroethane	8.43	62	105946	47.211	ug/l	100
43) Isopropyl Acetate	8.46	43	101127	49.493	ug/l	100
44) Trichloroethene	9.11	130	104025	45.162	ug/l	100
45) 1,2-Dichloropropane	9.39	63	92934	46.241	ug/l	100
46) Dibromomethane	9.48	93	49405	47.514	ug/l	100
47) Bromodichloromethane	9.67	83	126559	45.833	ug/l	100
48) Methyl methacrylate	9.46	41	49321	50.507	ug/l	100
49) 1,4-Dioxane	9.47	88	11999	1046.059	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	271029	261.868	ug/l	100
52) Toluene	10.41	92	243550	47.998	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	115500	46.087	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	144539	47.156	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	66425	45.652	ug/l	100
56) Ethyl methacrylate	10.67	69	71297	45.662	ug/l	100
57) 1,3-Dichloropropane	10.95	76	112350	45.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	247489	299.818	ug/l	100
59) 2-Hexanone	10.99	43	185320	263.904	ug/l	100
60) Dibromochloromethane	11.14	129	91359	47.263	ug/l	100
61) 1,2-Dibromoethane	11.25	107	66365	47.147	ug/l	100
64) Tetrachloroethene	10.88	164	86971	41.417	ug/l	100
65) Chlorobenzene	11.67	112	252909	43.399	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	95939	43.078	ug/l	100
67) Ethyl Benzene	11.75	91	445134	44.701	ug/l	100
68) m/p-Xylenes	11.86	106	352297	91.459	ug/l	100
69) o-Xylene	12.18	106	150173	44.753	ug/l	100
70) Styrene	12.20	104	276092	46.432	ug/l	100
71) Bromoform	12.37	173	56369	45.192	ug/l #	100
73) Isopropylbenzene	12.48	105	411787	44.965	ug/l	100
74) N-amyl acetate	12.30	43	92953	48.177	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	73180	44.143	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	95367	80.489	ug/l #	100
77) Bromobenzene	12.77	156	104964	43.304	ug/l	100
78) n-propylbenzene	12.83	91	497759	44.918	ug/l	100
79) 2-Chlorotoluene	12.91	91	280448	44.486	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	356899	46.137	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	25715	46.349	ug/l	100
82) 4-Chlorotoluene	13.01	91	302328	44.543	ug/l	100
83) tert-Butylbenzene	13.23	119	293534	45.300	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	353057	45.820	ug/l	100
85) sec-Butylbenzene	13.41	105	418253	45.072	ug/l	100
86) p-Isopropyltoluene	13.53	119	396668	45.501	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	206699	43.349	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	203577	42.958	ug/l	100
89) n-Butylbenzene	13.86	91	355859	45.043	ug/l	100
90) Hexachloroethane	14.12	117	78479	42.802	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	178234	43.713	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11559	45.968	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu Apr 23 03:30:58 2020
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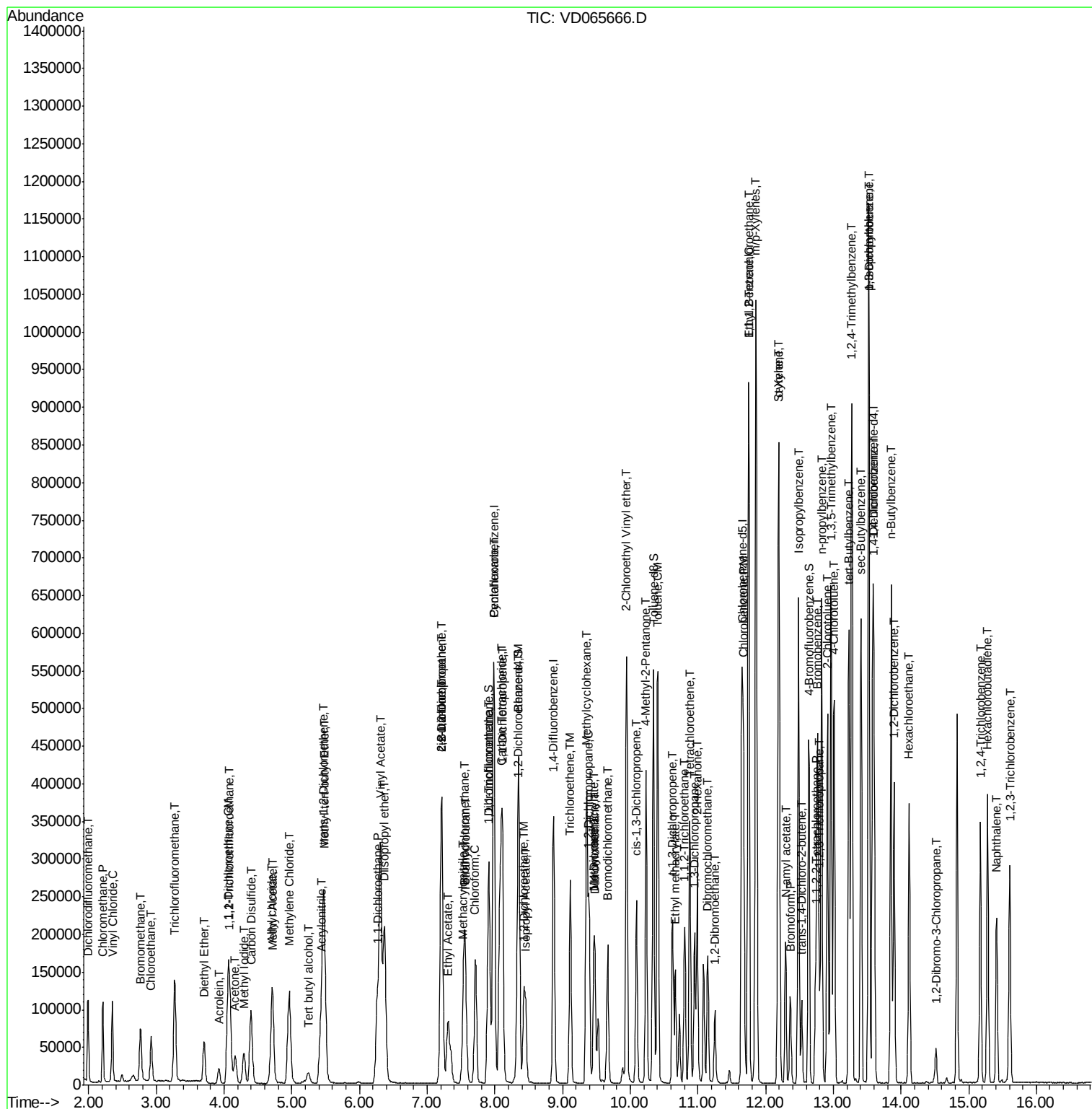
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	123199	44.069	ug/l	100
94) Hexachlorobutadiene	15.28	225	82736	42.953	ug/l	100
95) Naphthalene	15.41	128	197113	48.081	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	111274	45.271	ug/l	100

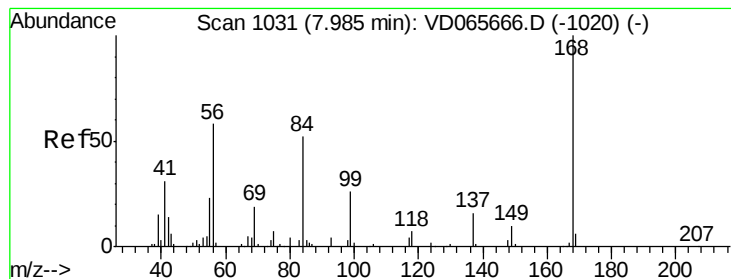
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

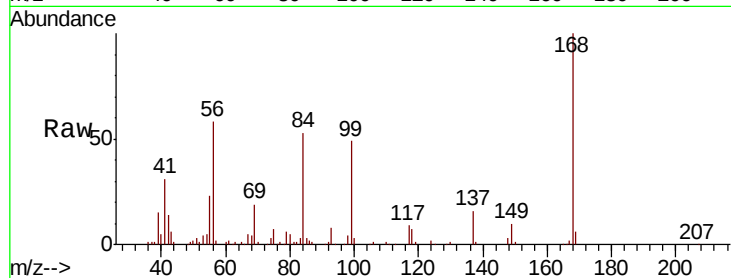
ClientSampleId :

Tot Ion:168 Resp: 234835

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

40000

20000

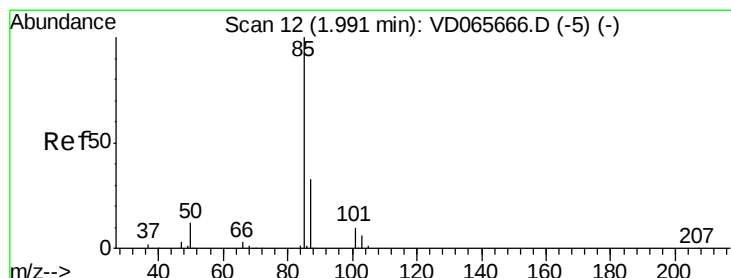
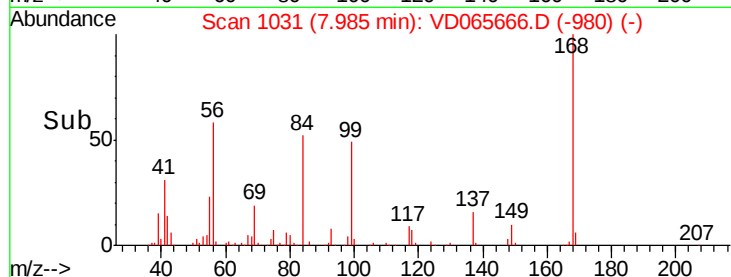
0

Time-->

7.90

8.00

8.10



#2

Dichlorodifluoromethane

Concen: 44.356 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065666.D

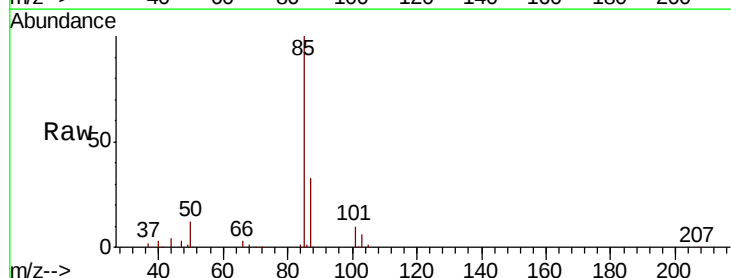
Acq: 22 Apr 2020 15:05

Tgt Ion: 85 Resp: 83906

Ion Ratio Lower Upper

85 100

87 33.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

40000

20000

0

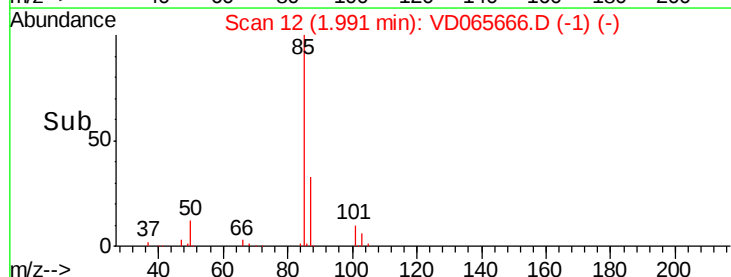
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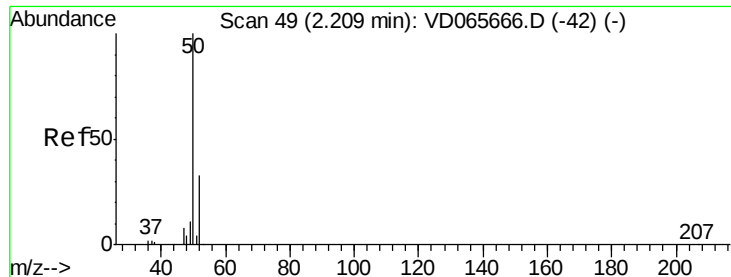
1.90

1.95

2.00

2.05

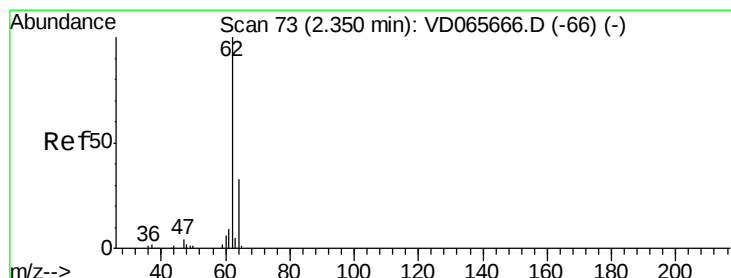
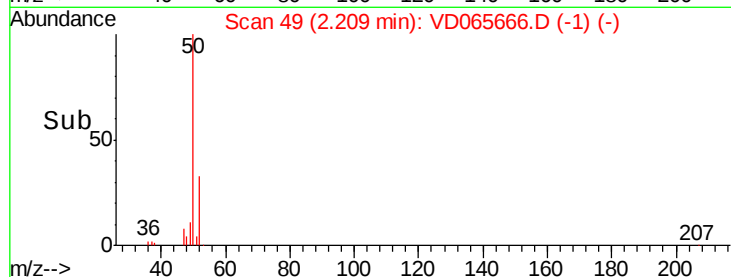
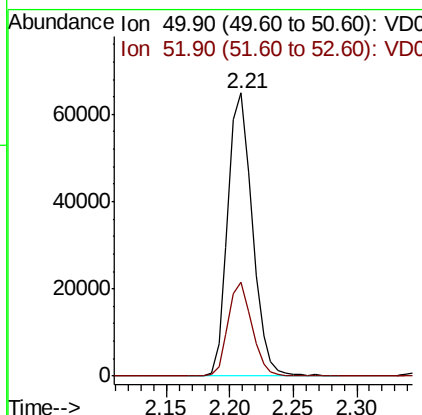
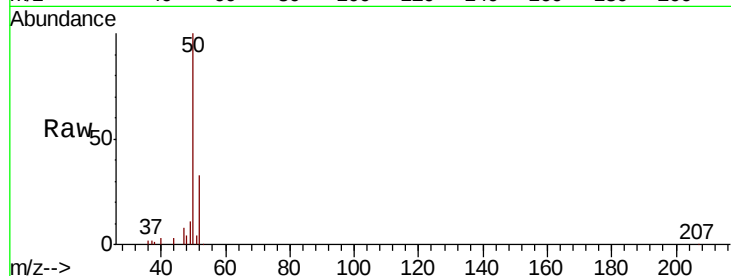




#3
Chloromethane
Concen: 42.084 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

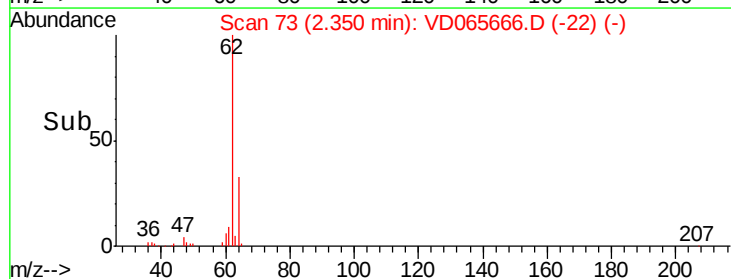
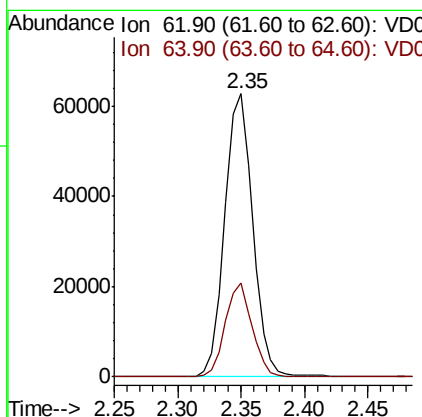
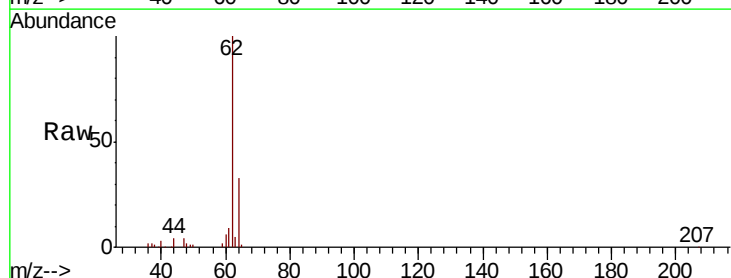
Instrument :
MSVOA_D
ClientSampleId :

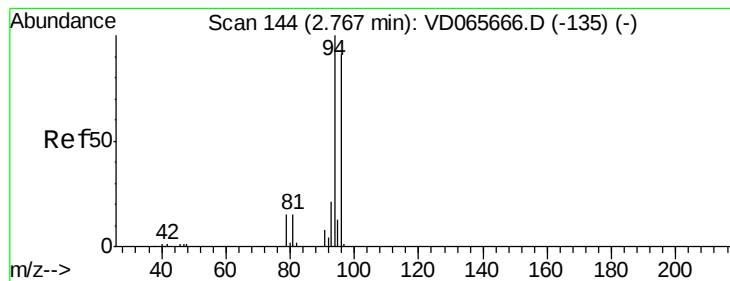
Tot Ion: 50 Resp: 87145
Ion Ratio Lower Upper
50 100
52 33.2 26.6 39.8



#4
Vinyl Chloride
Concen: 42.630 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion: 62 Resp: 96216
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6





#5

Bromomethane

Concen: 44.279 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

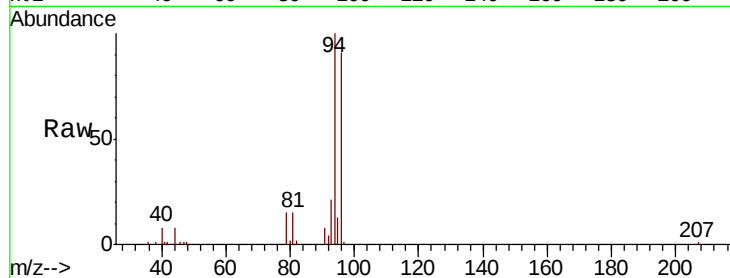
ClientSampleId :

Tot Ion: 94 Resp: 55105

Ion Ratio Lower Upper

94 100

96 90.5 72.4 108.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

25000

20000

15000

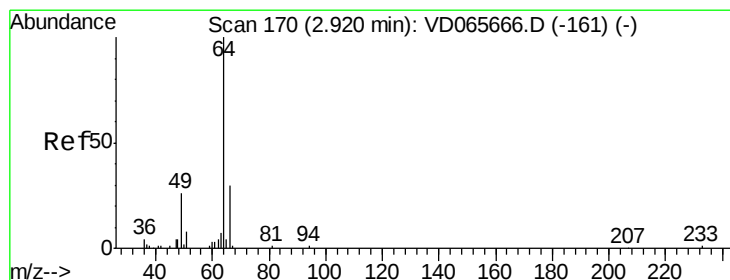
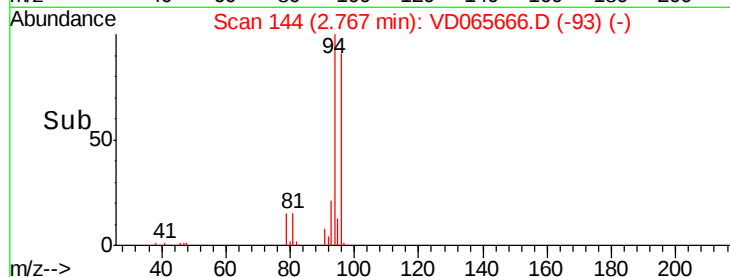
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 43.340 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD065666.D

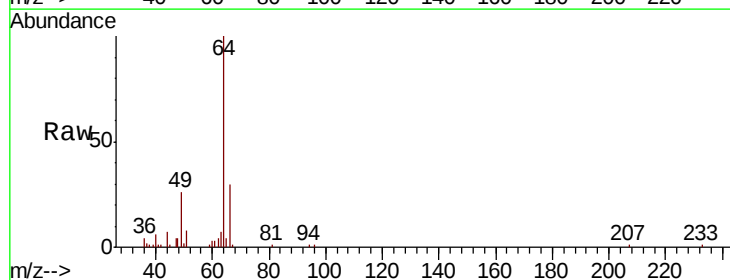
Acq: 22 Apr 2020 15:05

Tgt Ion: 64 Resp: 58362

Ion Ratio Lower Upper

64 100

66 30.3 24.2 36.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

30000

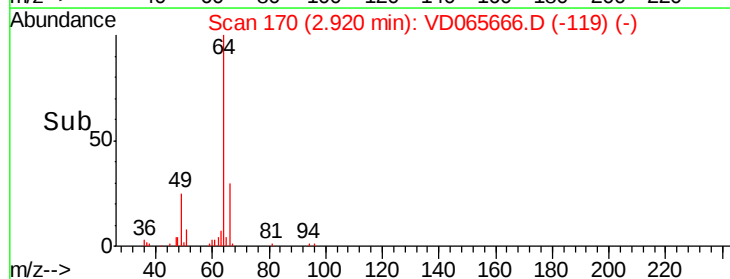
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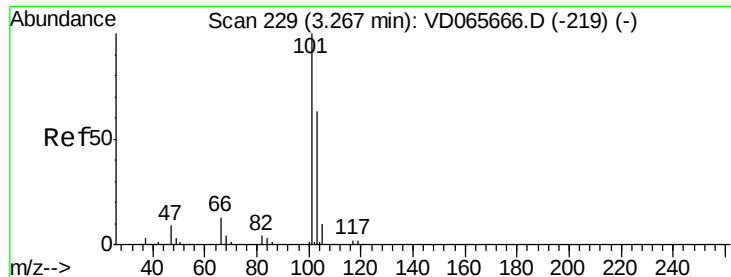
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Time-->

2.80 2.90 3.00



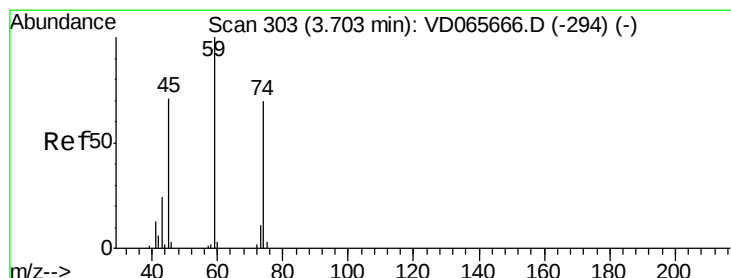
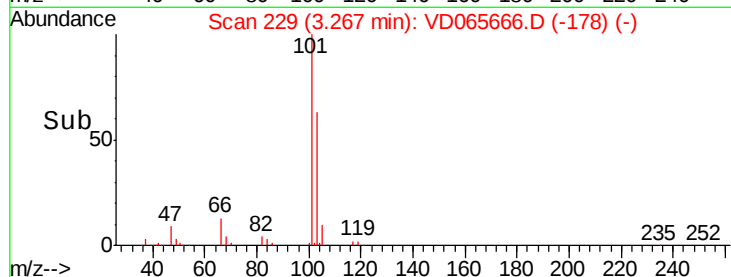
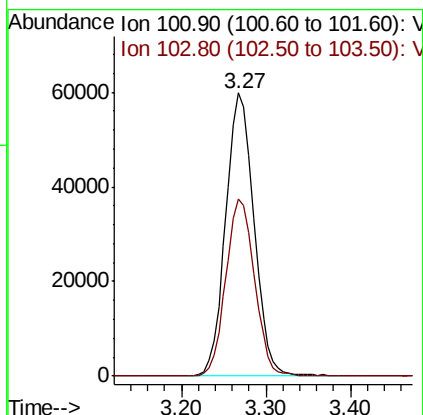
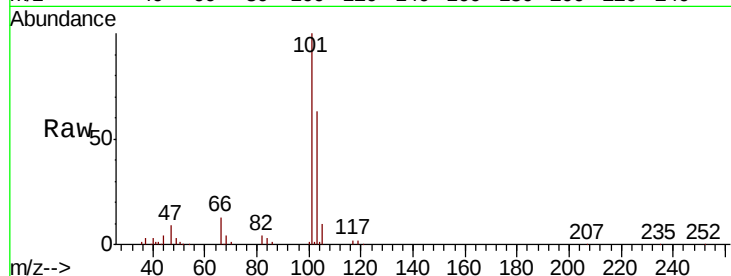


#7

Trichlorofluoromethane
 Concen: 42.876 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Instrument :
 MSVOA_D
 ClientSampleId :

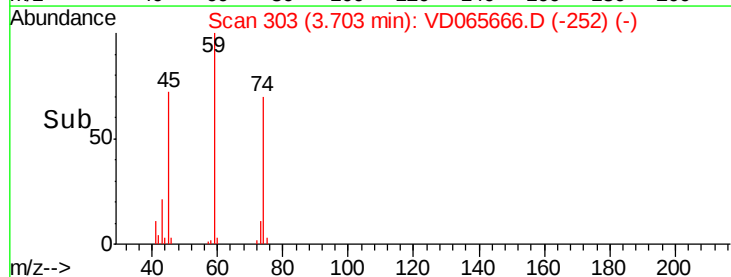
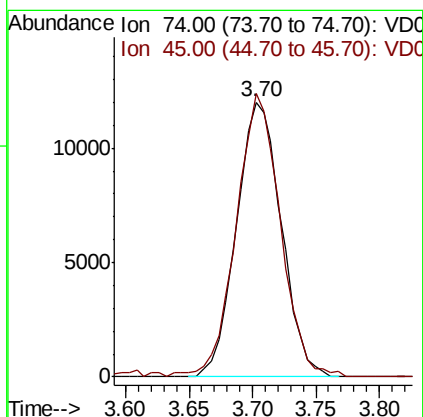
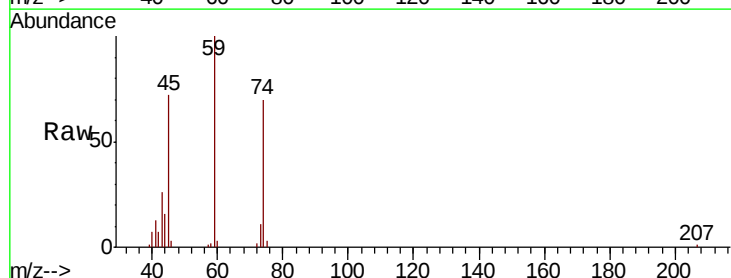
Tot Ion:101 Resp: 138507
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.2 75.2

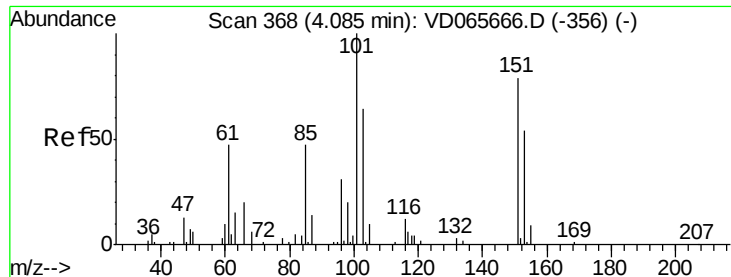


#8

Diethyl Ether
 Concen: 44.806 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion: 74 Resp: 29447
 Ion Ratio Lower Upper
 74 100
 45 102.0 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.851 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

ClientSampled :

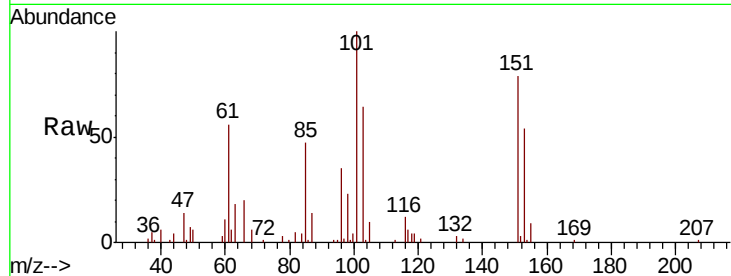
Tot Ion:101 Resp: 64804

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

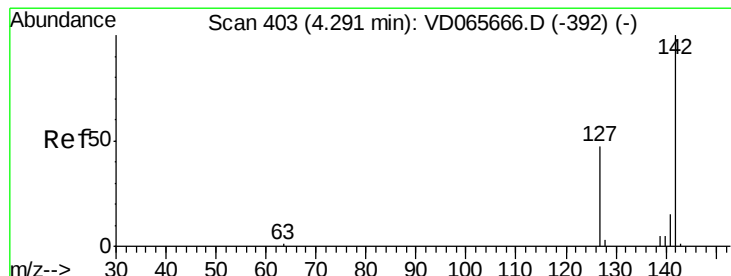
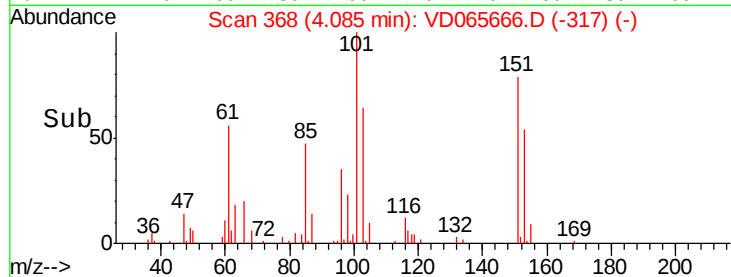
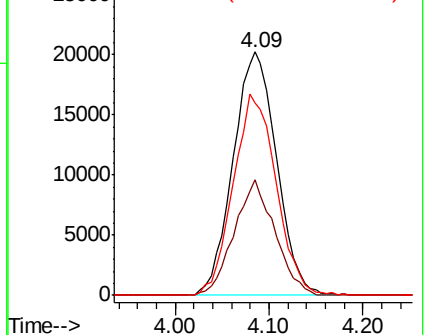
151 81.7 65.4 98.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 34.201 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

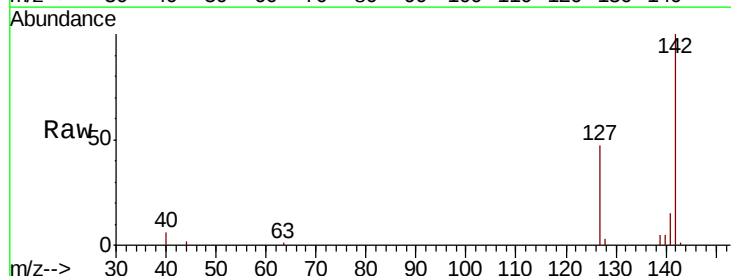
Tgt Ion:142 Resp: 68223

Ion Ratio Lower Upper

142 100

127 47.7 38.2 57.2

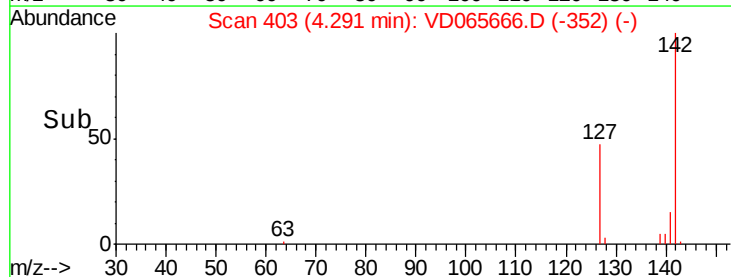
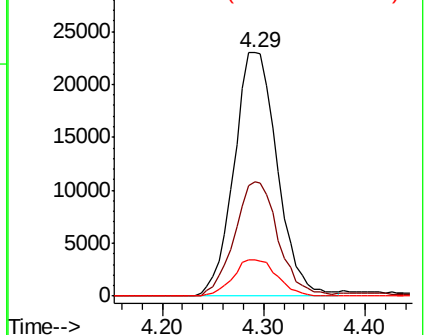
141 15.1 12.1 18.1

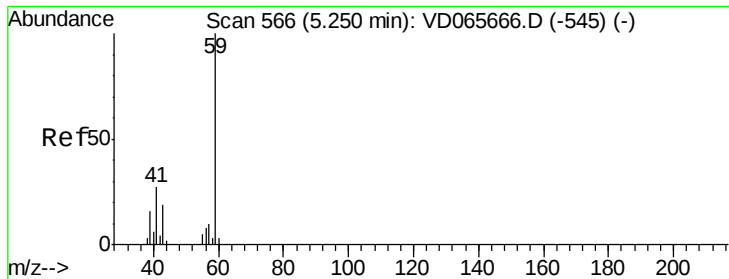


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



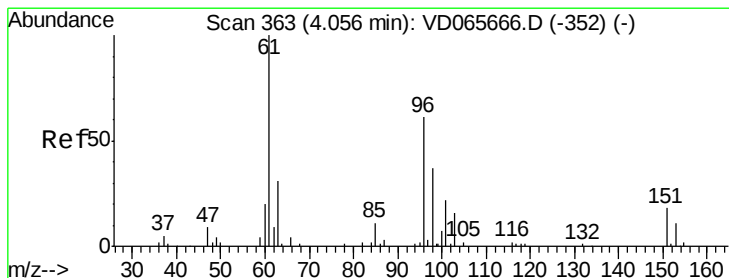
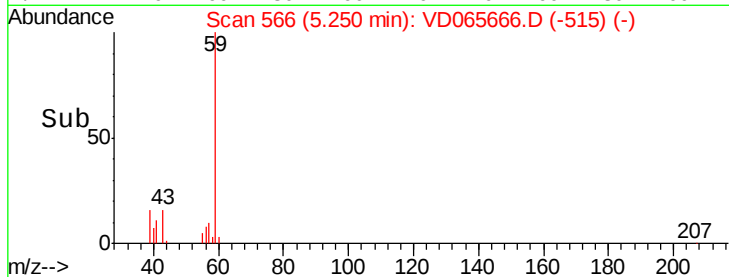
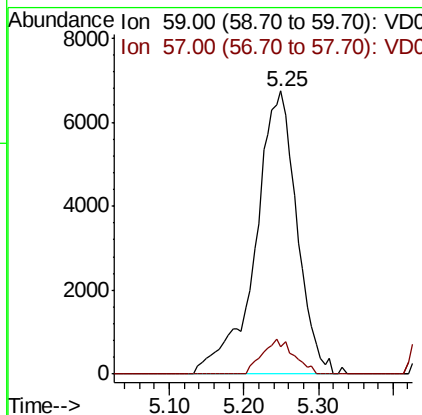
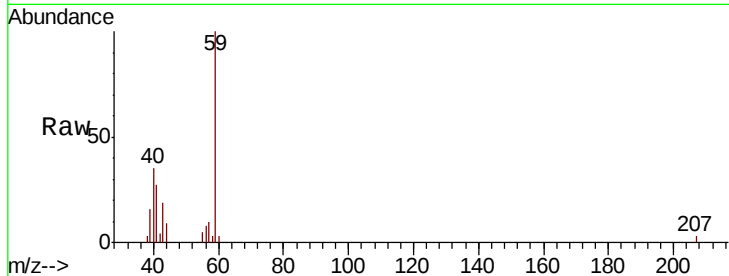


#11

Tert butyl alcohol
Concen: 237.720 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :

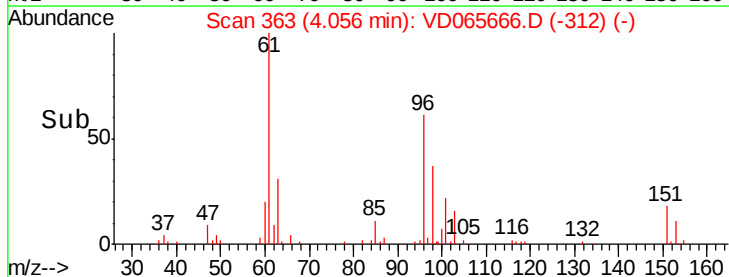
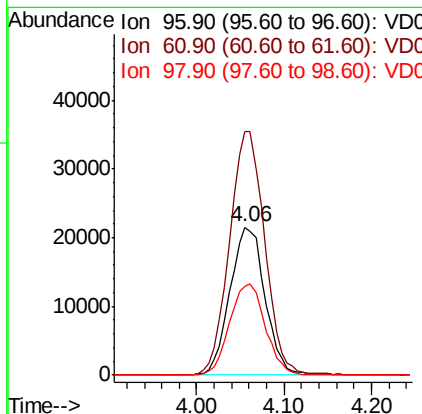
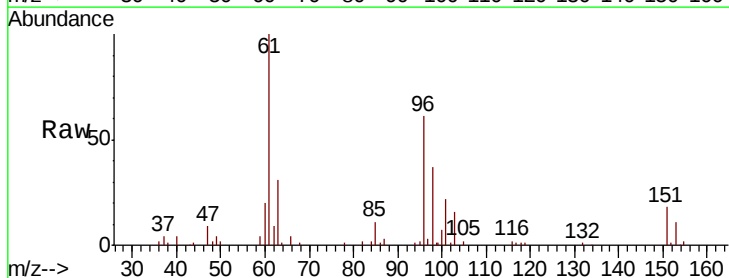
Tot Ion: 59 Resp: 25973
Ion Ratio Lower Upper
59 100
57 9.4 7.5 11.3

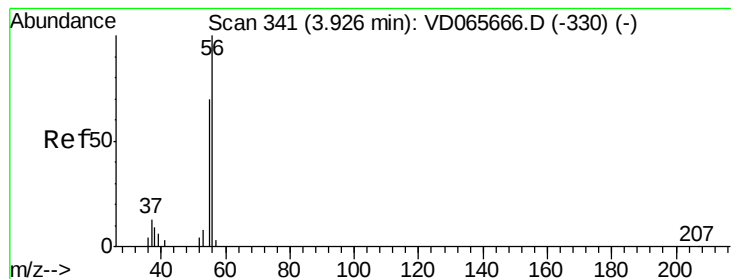


#12

1,1-Dichloroethene
Concen: 44.070 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion: 96 Resp: 58563
Ion Ratio Lower Upper
96 100
61 164.7 131.8 197.6
98 60.3 48.2 72.4





#13

Acrolein

Concen: 261.249 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

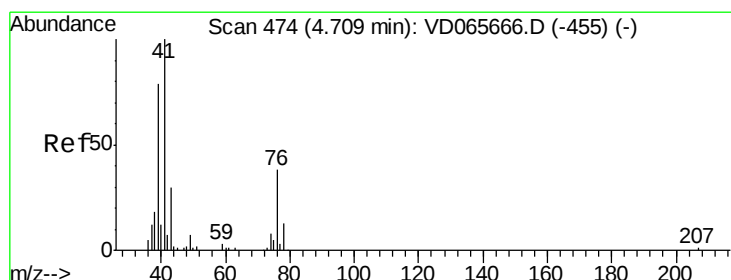
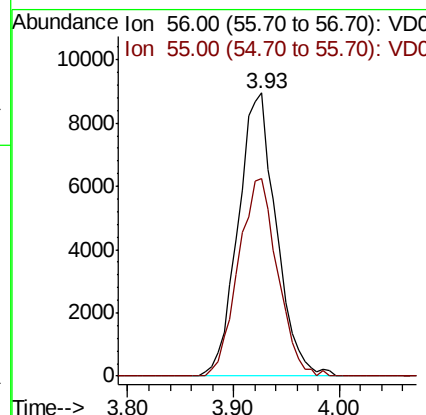
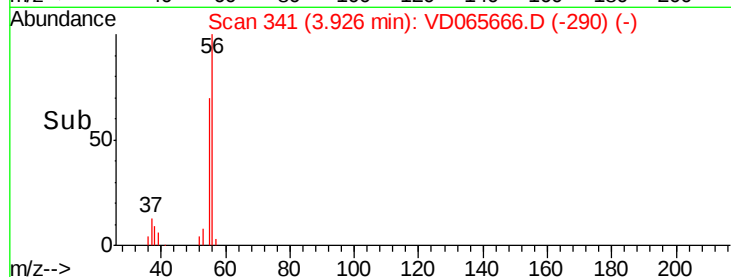
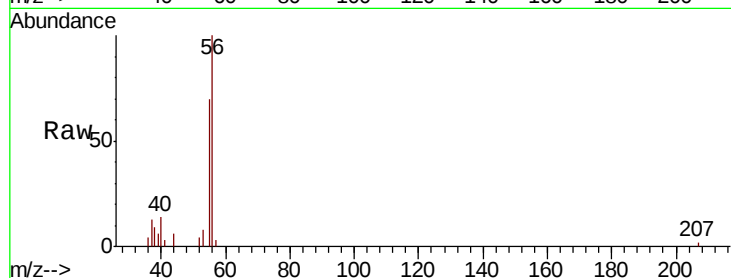
ClientSampleId :

Tot Ion: 56 Resp: 22392

Ion Ratio Lower Upper

56 100

55 71.6 57.3 85.9



#14

Allyl chloride

Concen: 45.871 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

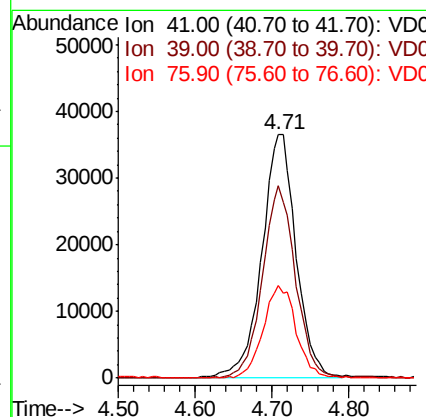
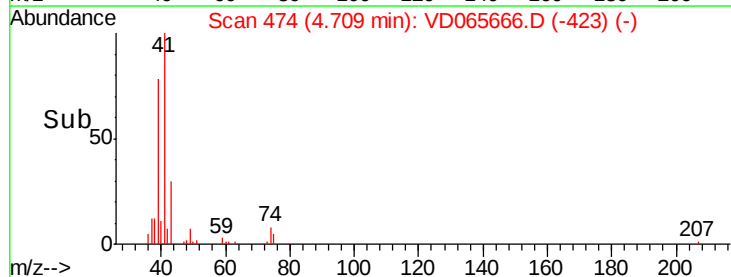
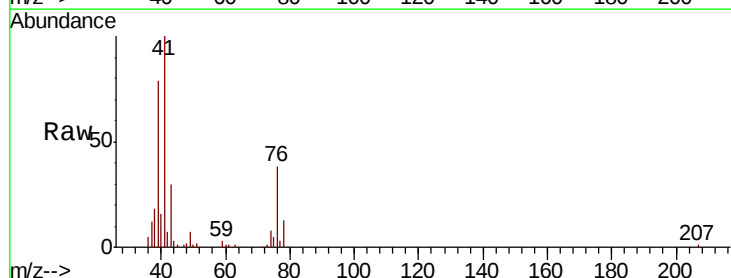
Tgt Ion: 41 Resp: 113258

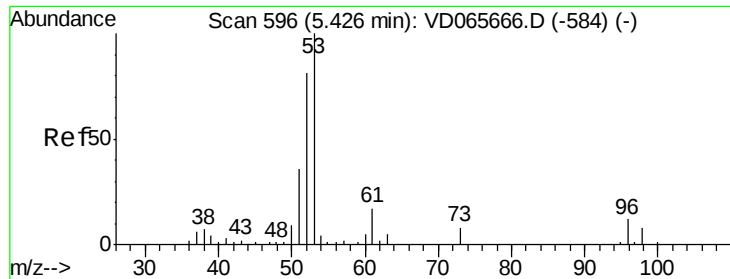
Ion Ratio Lower Upper

41 100

39 75.9 60.7 91.1

76 36.6 29.3 43.9





#15

Acrylonitrile

Concen: 233.210 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

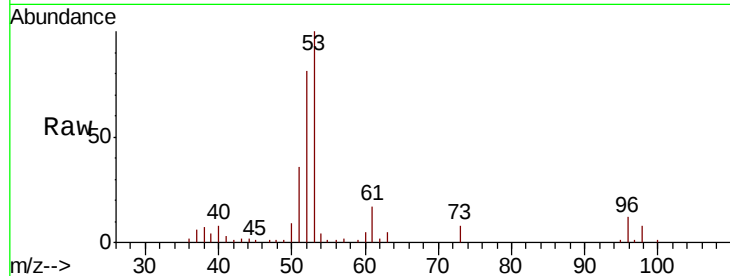
Tot Ion: 53 Resp: 97878

Ion Ratio Lower Upper

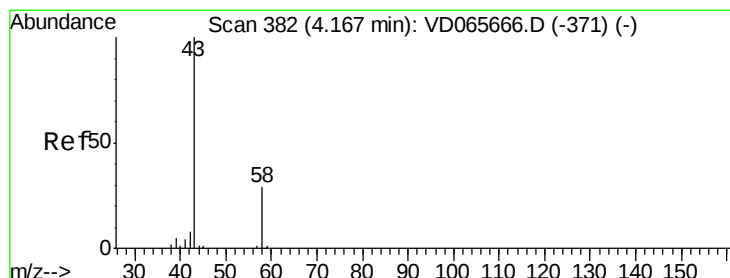
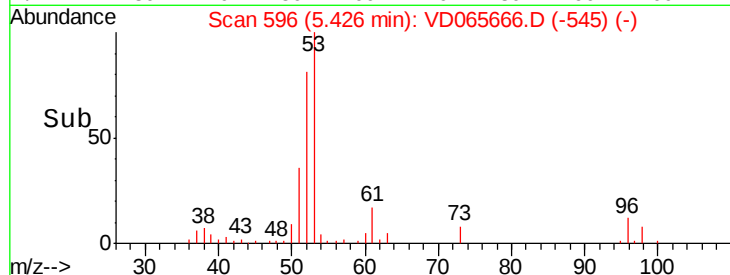
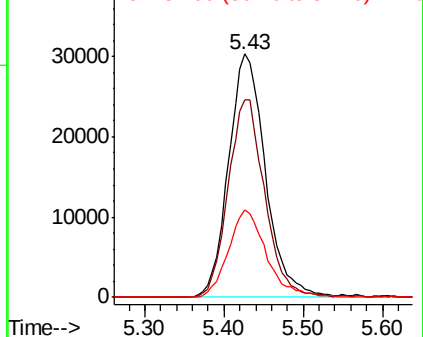
53 100

52 80.2 64.2 96.2

51 36.9 29.5 44.3



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



#16

Acetone

Concen: 237.131 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065666.D

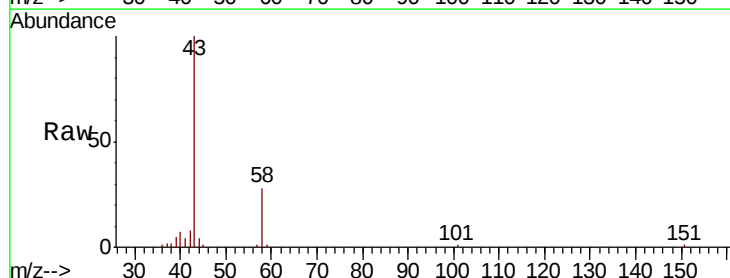
Acq: 22 Apr 2020 15:05

Tgt Ion: 43 Resp: 66748

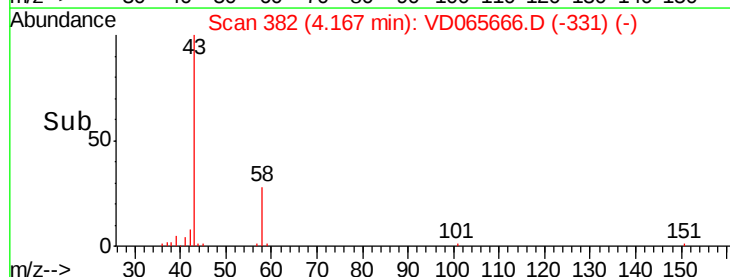
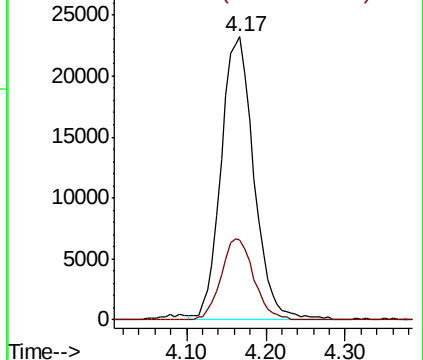
Ion Ratio Lower Upper

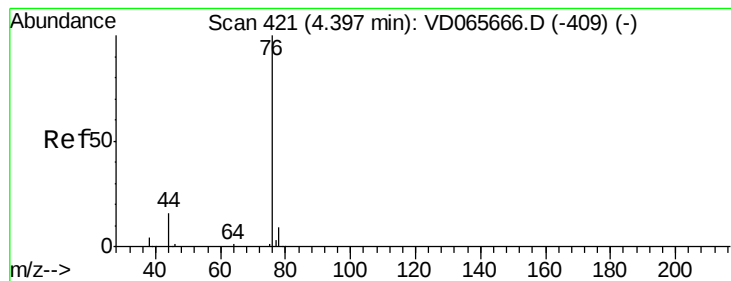
43 100

58 28.3 22.6 34.0



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





#17

Carbon Disulfide

Concen: 39.694 ug/l

RT: 4.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

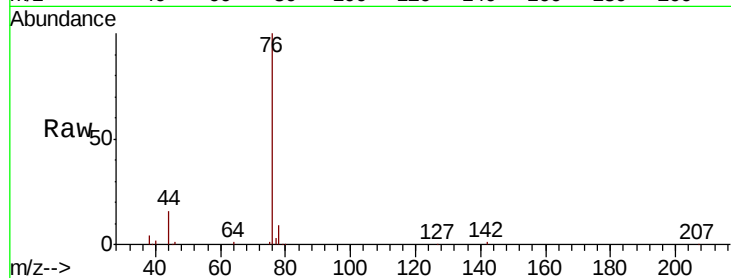
ClientSampleId :

Tot Ion: 76 Resp: 205222

Ion Ratio Lower Upper

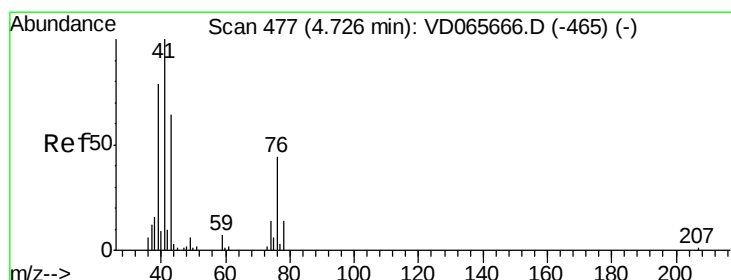
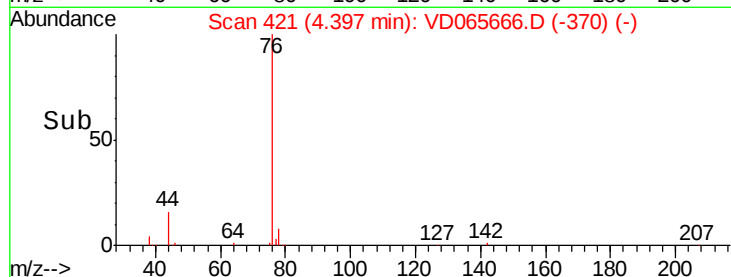
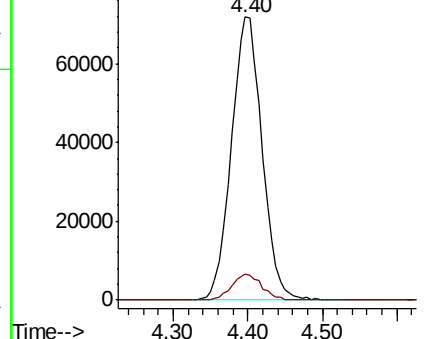
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 46.485 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD065666.D

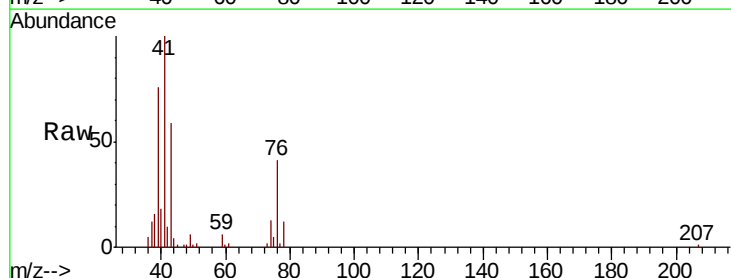
Acq: 22 Apr 2020 15:05

Tgt Ion: 43 Resp: 42915

Ion Ratio Lower Upper

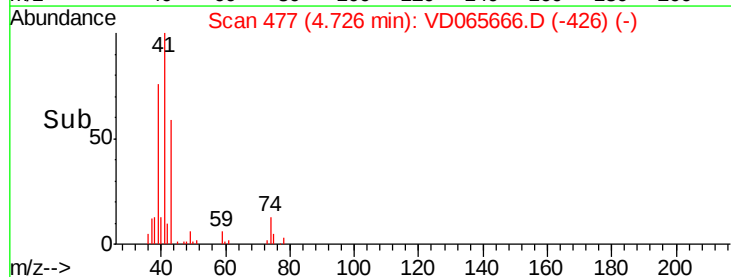
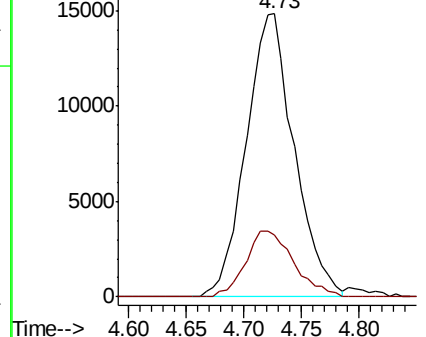
43 100

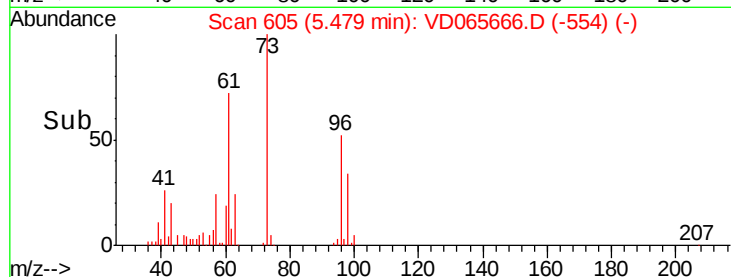
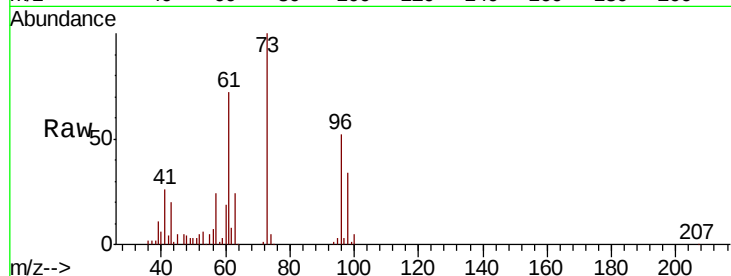
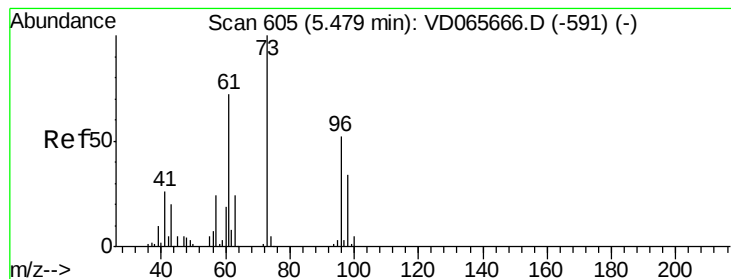
74 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



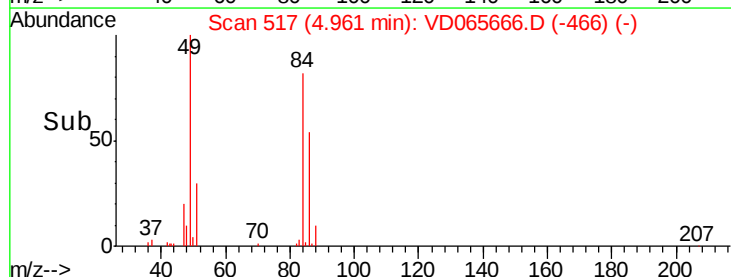
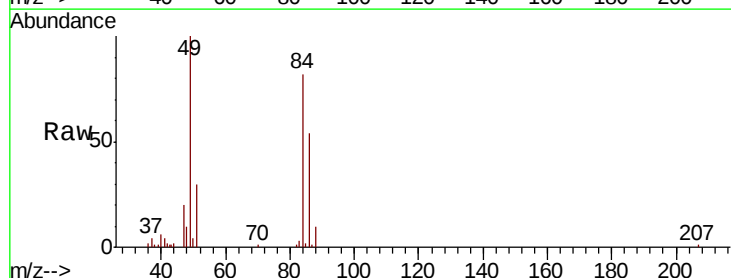
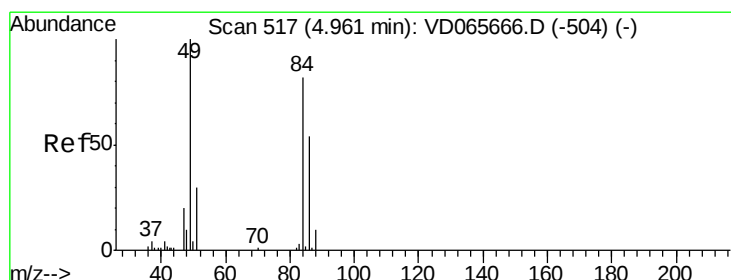
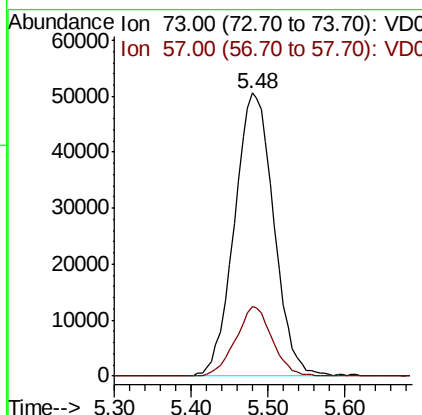


#19

Methyl tert-butyl Ether
 Concen: 46.342 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Instrument :
 MSVOA_D
 ClientSampleId :

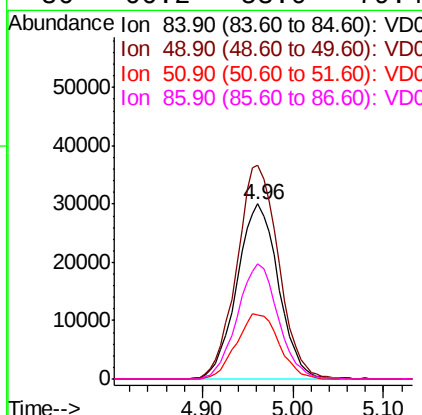
Tot Ion: 73 Resp: 180377
 Ion Ratio Lower Upper
 73 100
 57 24.5 19.6 29.4

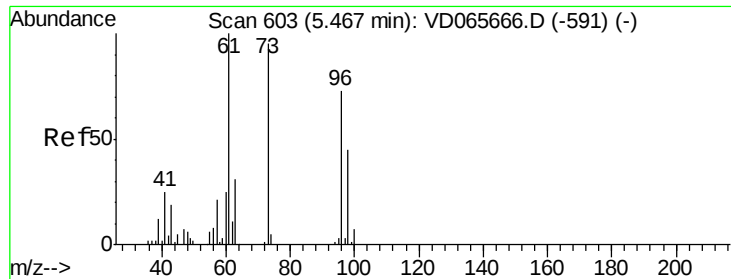


#20

Methylene Chloride
 Concen: 43.183 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion: 84 Resp: 95697
 Ion Ratio Lower Upper
 84 100
 49 122.1 97.7 146.5
 51 36.8 29.4 44.2
 86 66.2 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 43.813 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

ClientSampled :

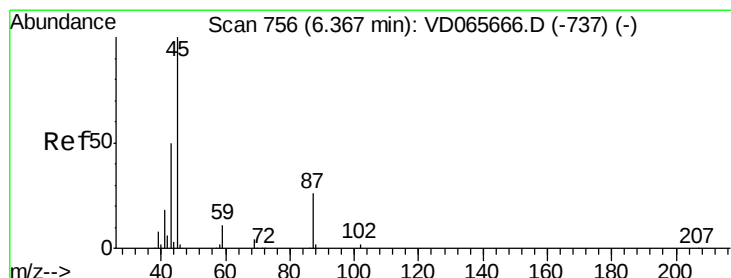
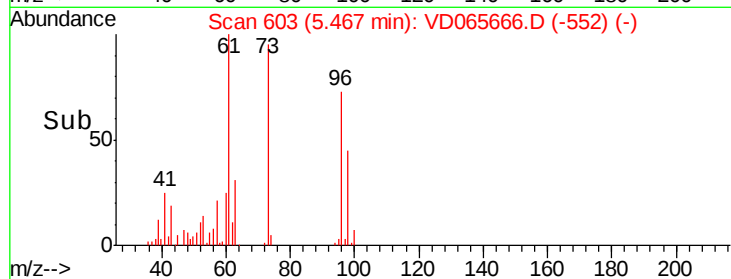
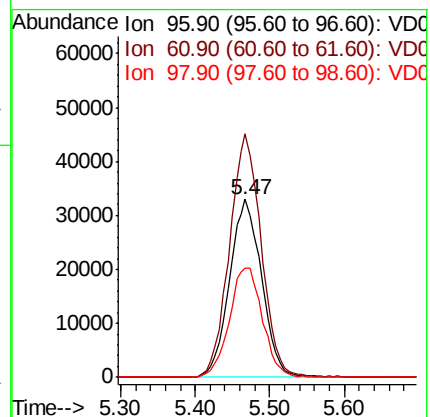
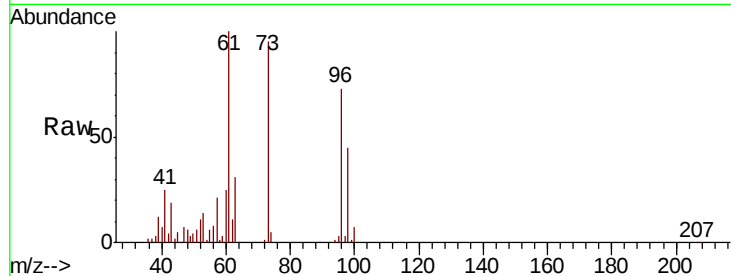
Tot Ion: 96 Resp: 98344

Ion Ratio Lower Upper

96 100

61 137.0 109.6 164.4

98 61.6 49.3 73.9



#22

Diisopropyl ether

Concen: 45.165 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Tgt Ion: 45 Resp: 271546

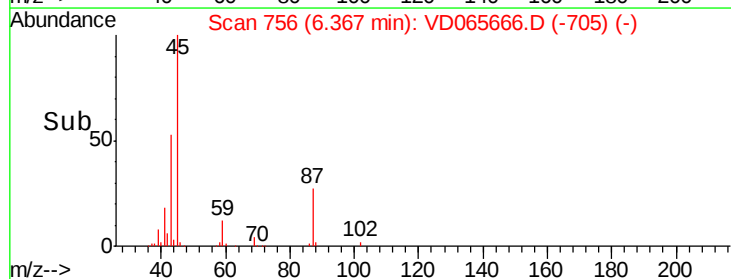
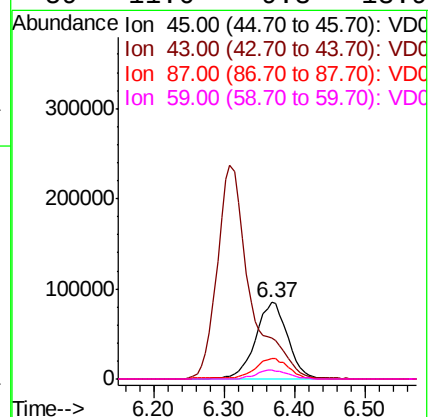
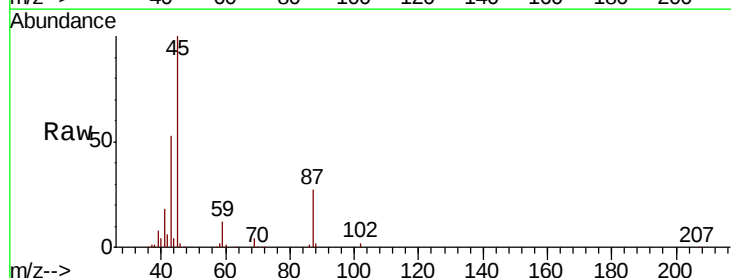
Ion Ratio Lower Upper

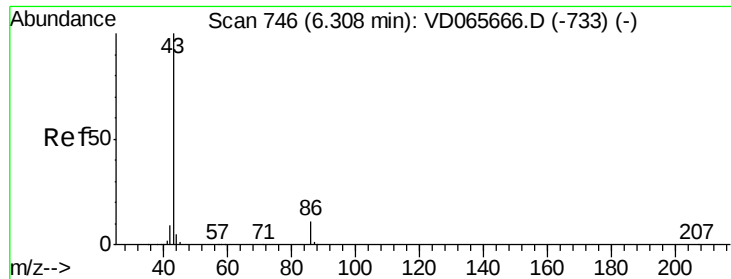
45 100

43 52.4 41.9 62.9

87 27.0 21.6 32.4

59 11.6 9.3 13.9





#23

Vinyl Acetate

Concen: 241.148 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

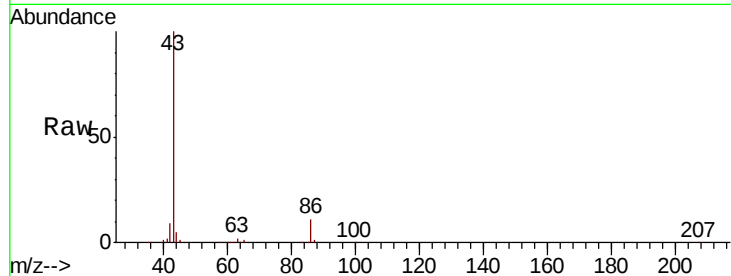
ClientSampleId :

Tot Ion: 43 Resp: 772650

Ion Ratio Lower Upper

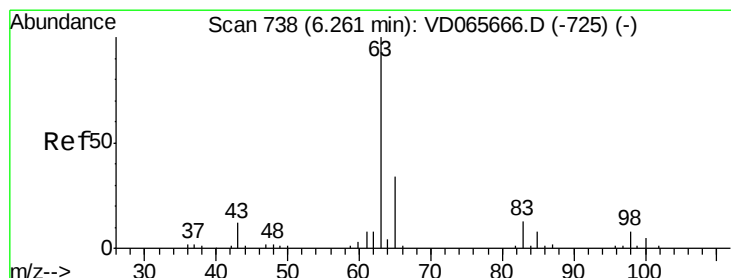
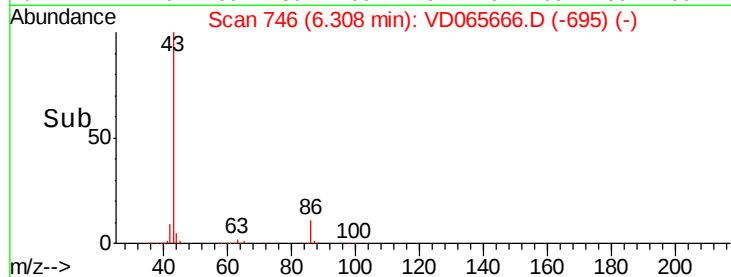
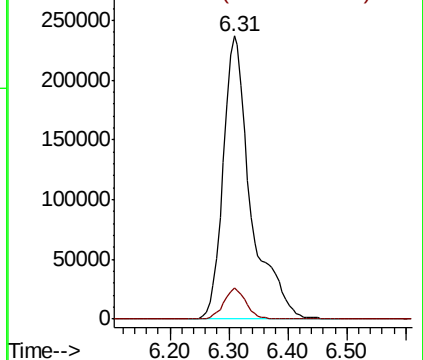
43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 42.545 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

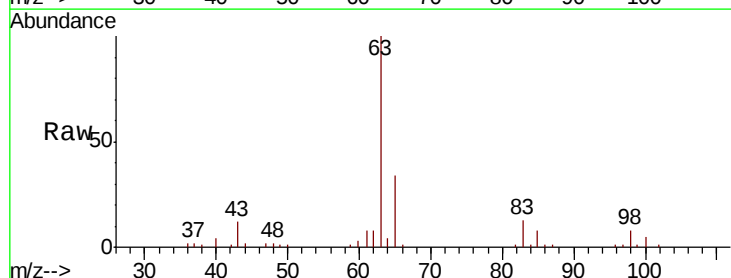
Tgt Ion: 63 Resp: 163045

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

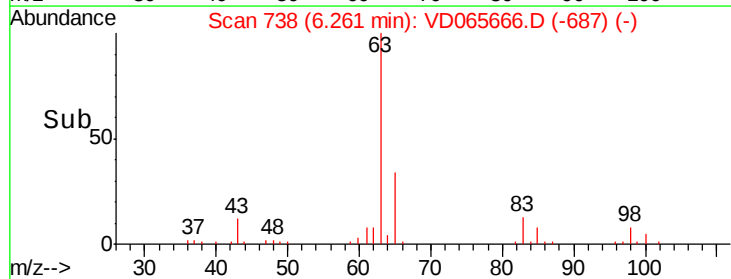
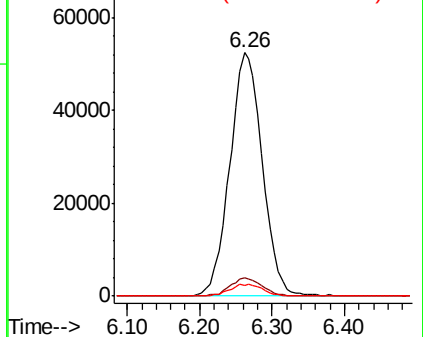
100 4.6 2.3 6.9

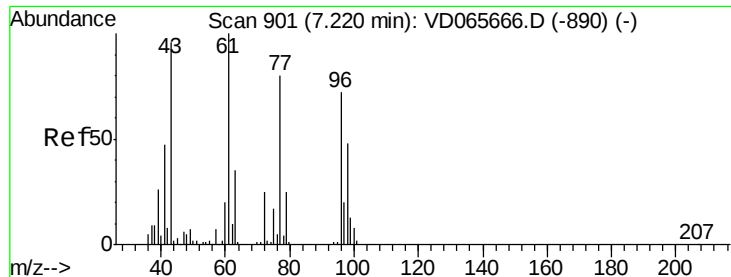


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 233.436 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

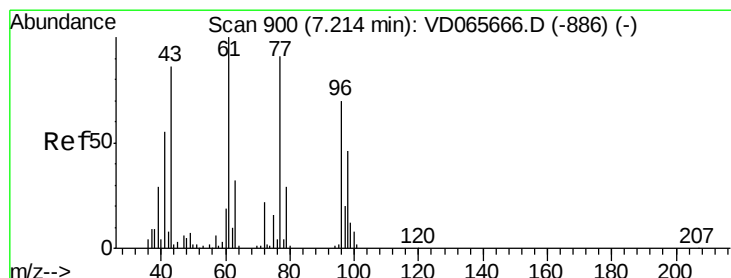
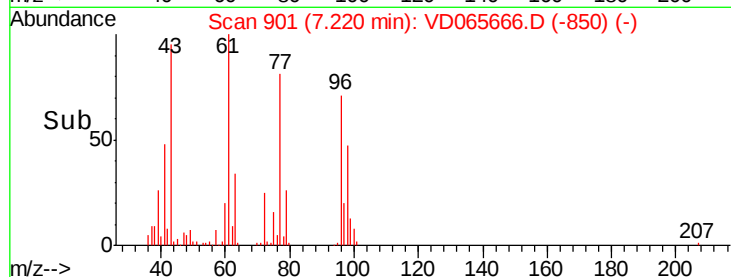
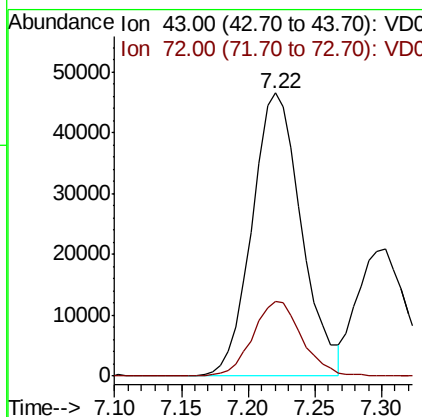
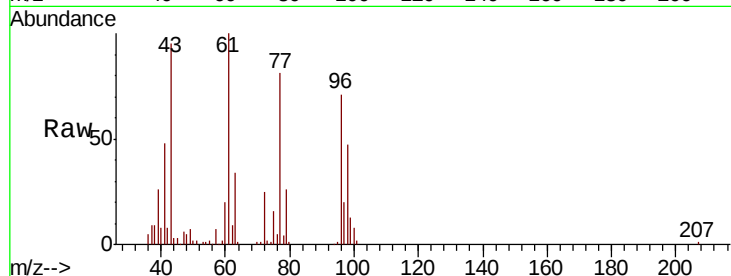
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 119814

Ion Ratio Lower Upper

43 100

72 26.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 41.445 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065666.D

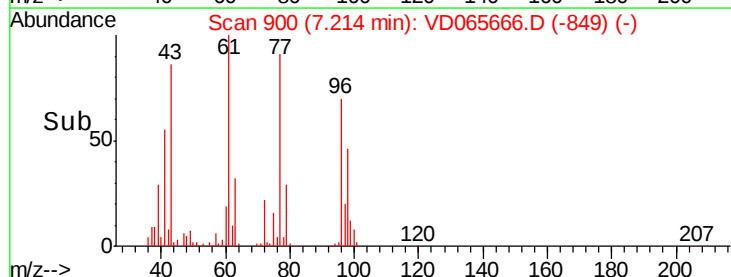
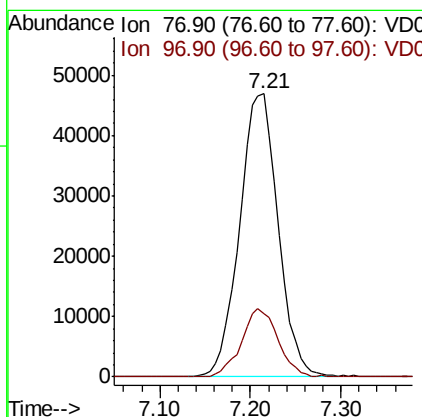
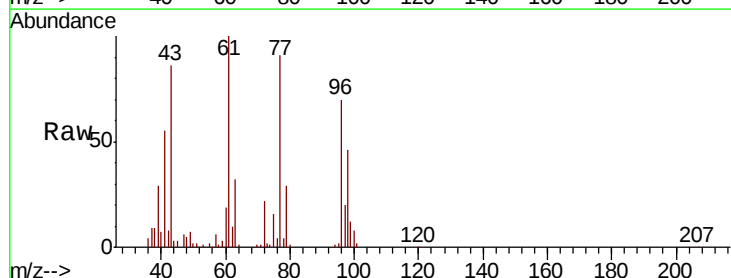
Acq: 22 Apr 2020 15:05

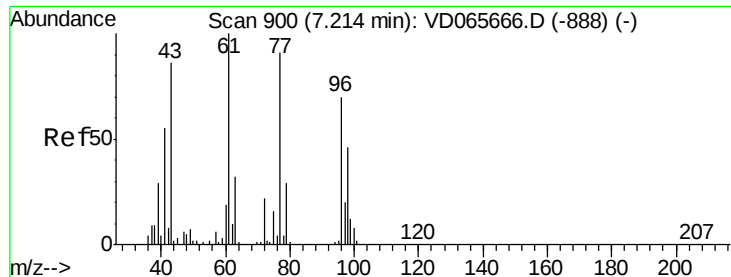
Tgt Ion: 77 Resp: 138307

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



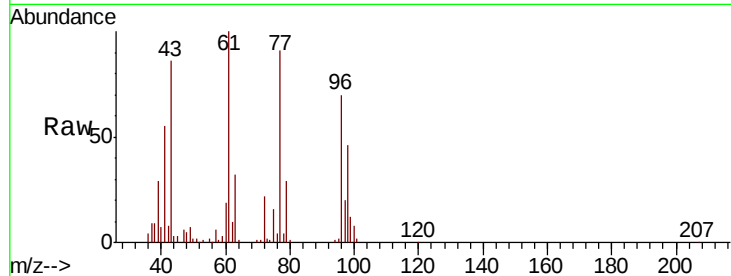


#27

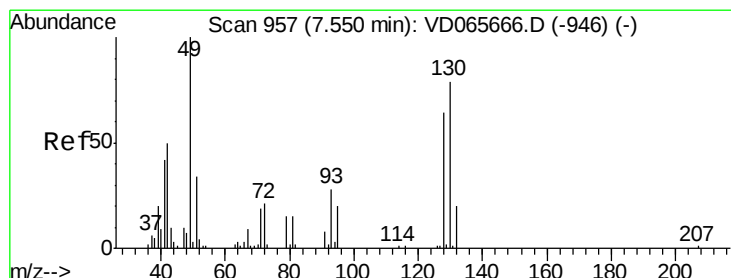
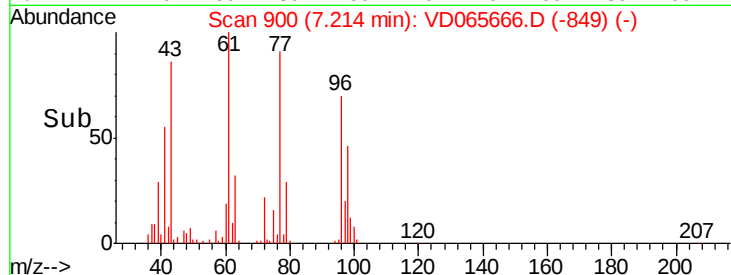
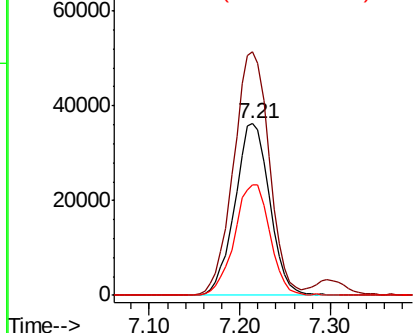
cis-1,2-Dichloroethene
 Concen: 41.497 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	96	Resp	96952
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	290.4
98	65.5	0.0	131.0



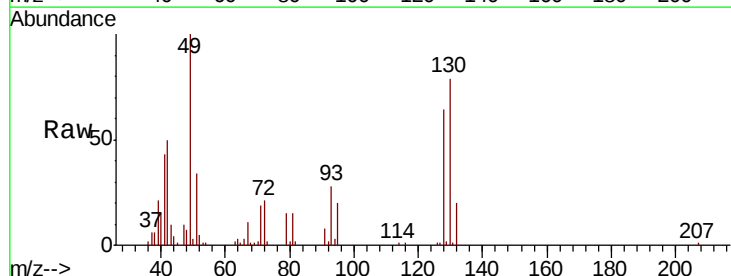
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



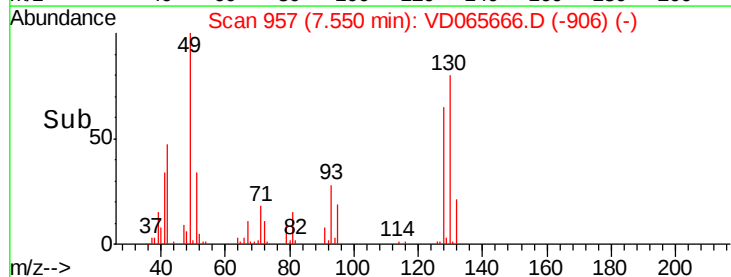
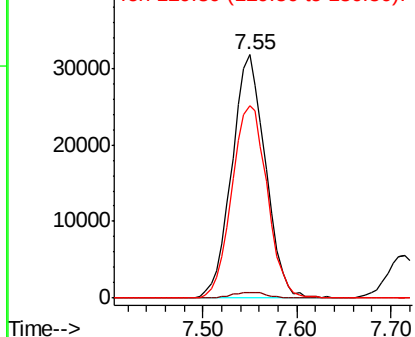
#28

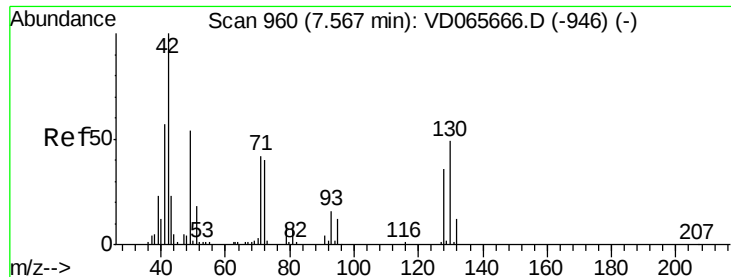
Bromochloromethane
 Concen: 50.313 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion	49	Resp	78716
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	82.9	66.3	99.5



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

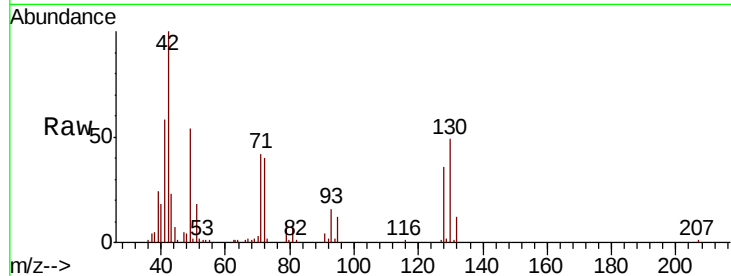




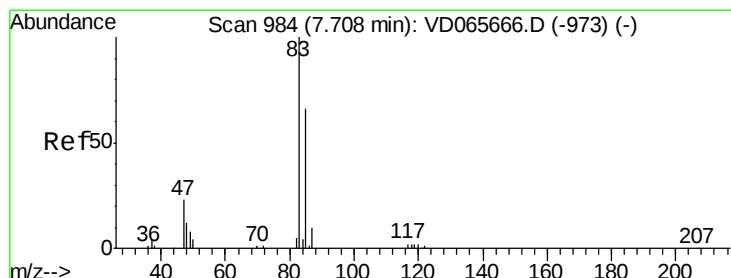
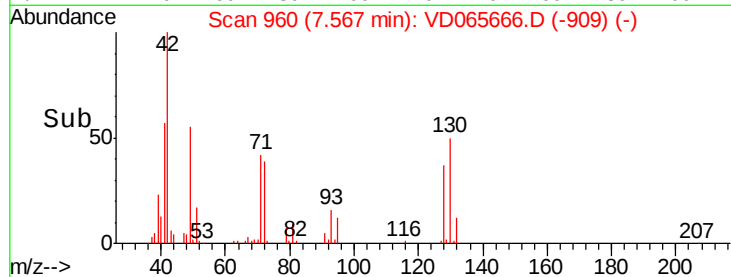
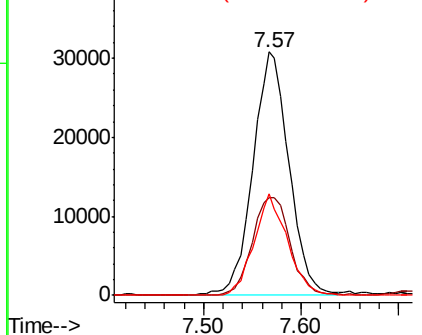
#29
Tetrahydrofuran
Concen: 245.289 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 42 Resp: 79824
Ion Ratio Lower Upper
42 100
72 42.2 33.8 50.6
71 38.4 30.7 46.1

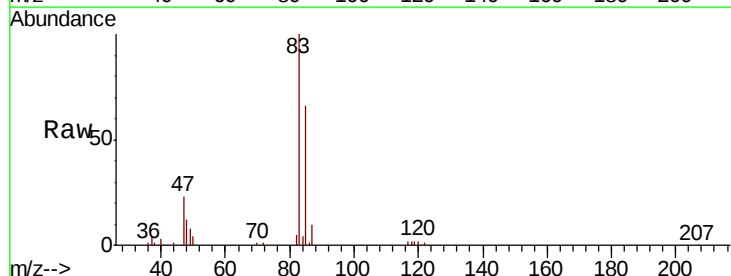


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

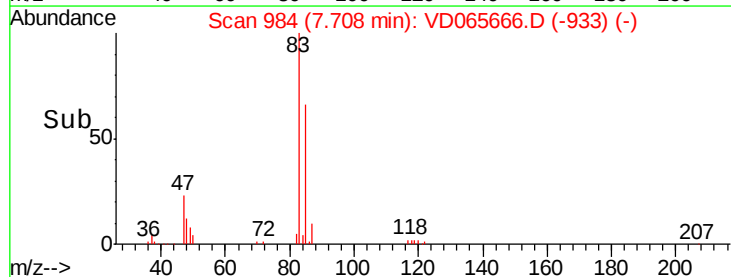
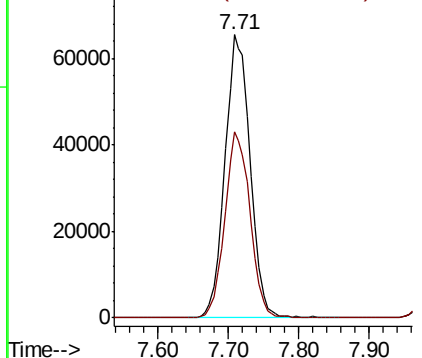


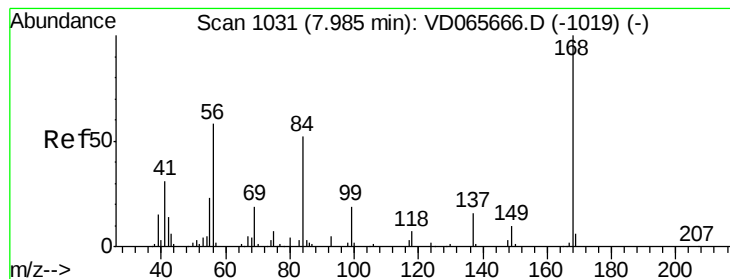
#30
Chloroform
Concen: 41.431 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion: 83 Resp: 161739
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7



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





#31

Cyclohexane

Concen: 41.885 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

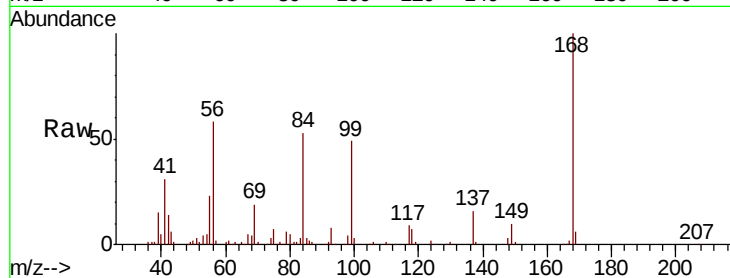
Tot Ion: 56 Resp: 152927

Ion Ratio Lower Upper

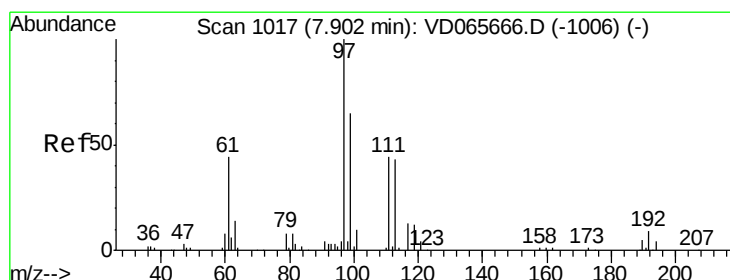
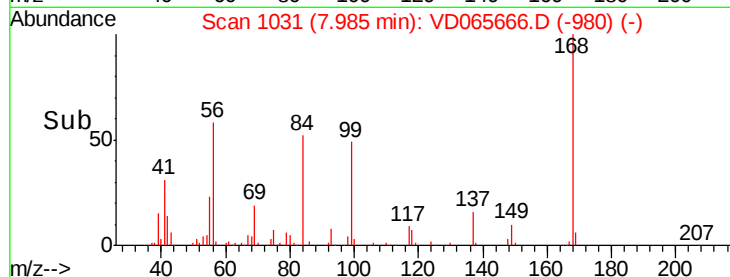
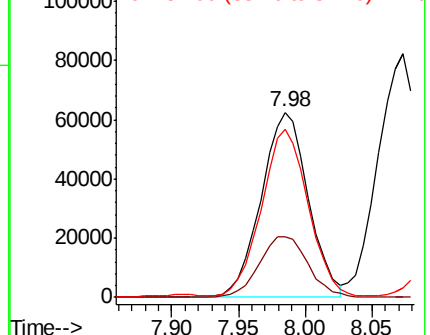
56 100

69 32.9 26.3 39.5

84 89.2 71.4 107.0



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



#32

1,1,1-Trichloroethane

Concen: 41.997 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

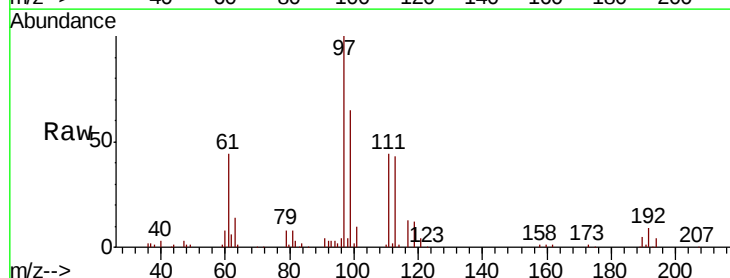
Tgt Ion: 97 Resp: 148120

Ion Ratio Lower Upper

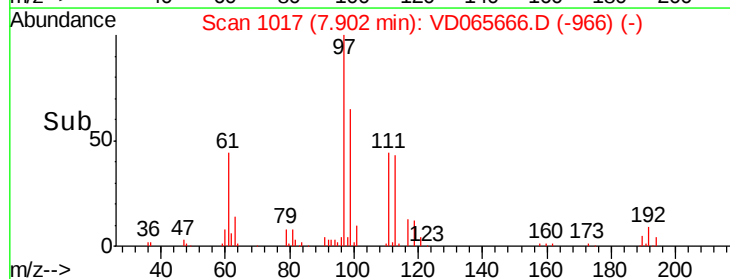
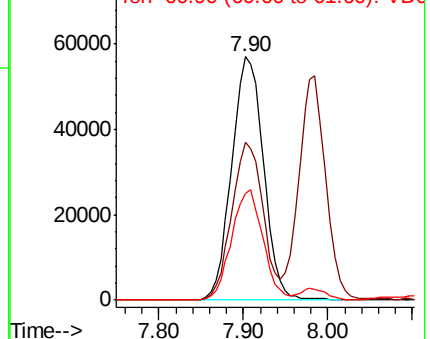
97 100

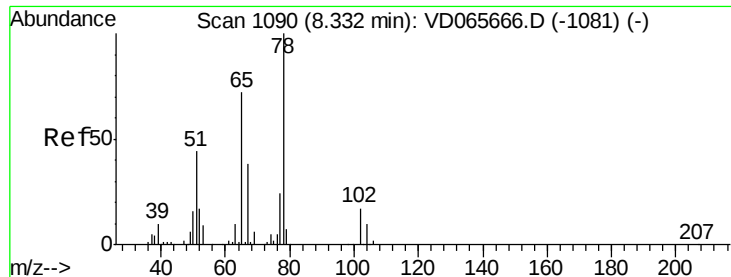
99 63.9 51.1 76.7

61 44.7 35.8 53.6



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





#33

1,2-Dichloroethane-d4

Concen: 50.006 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

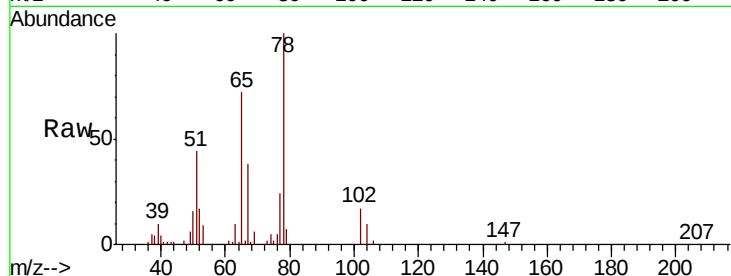
ClientSampleId :

Tot Ion: 65 Resp: 99232

Ion Ratio Lower Upper

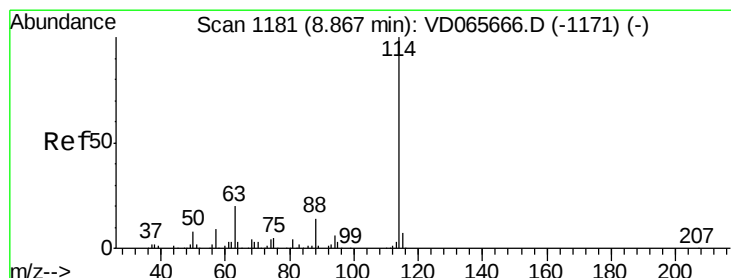
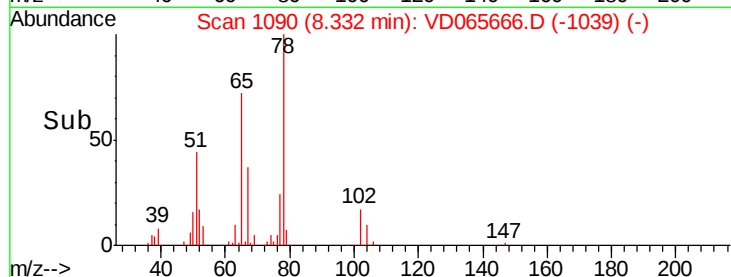
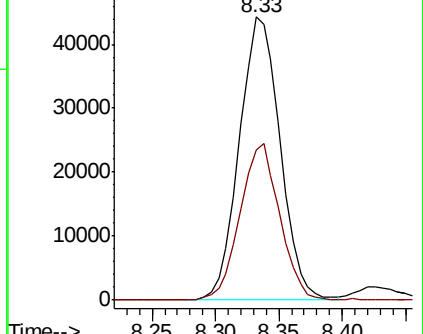
65 100

67 53.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

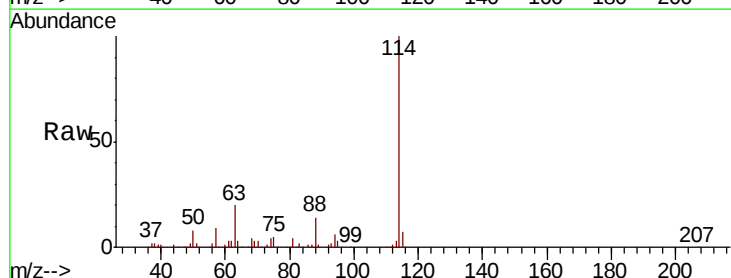
Tgt Ion: 114 Resp: 303558

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

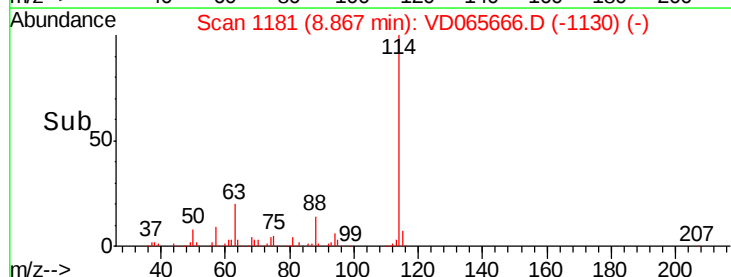
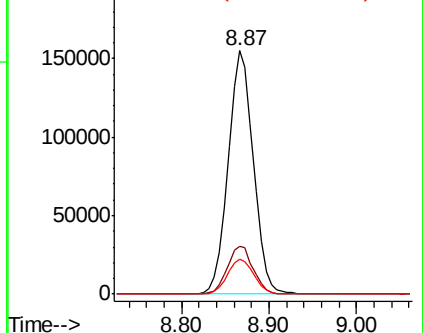
88 14.2 0.0 28.4

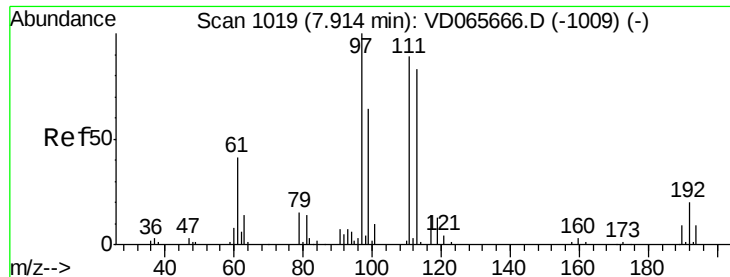


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

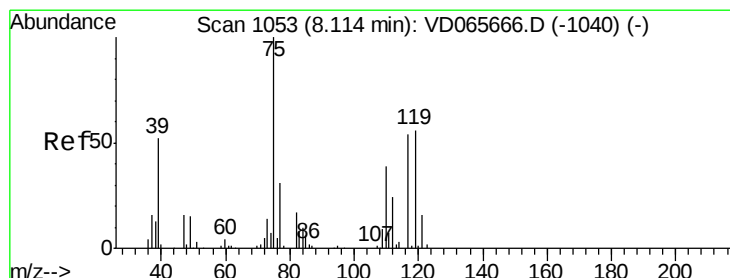
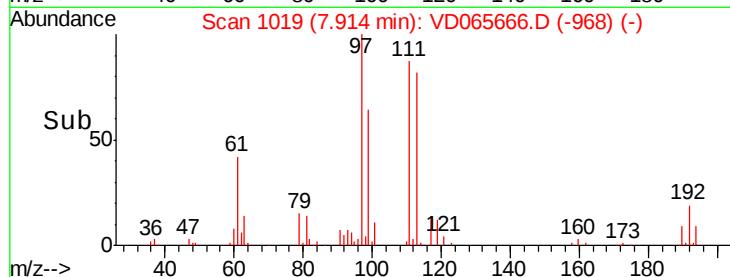
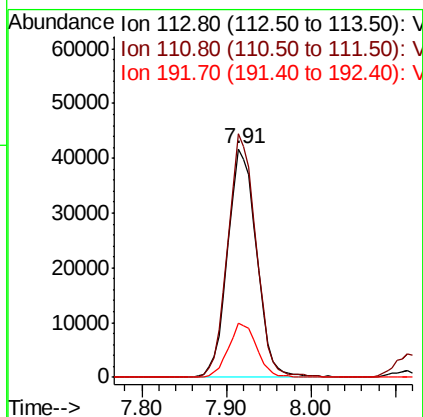
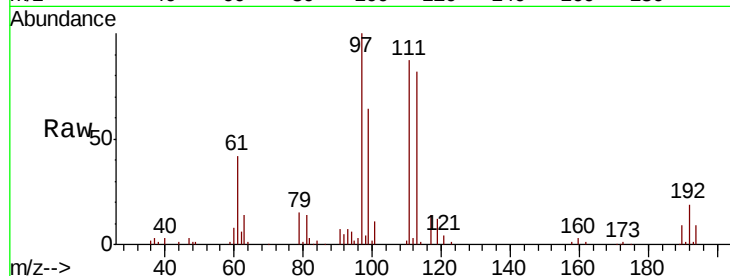




#35
 Dibromofluoromethane
 Concen: 51.947 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

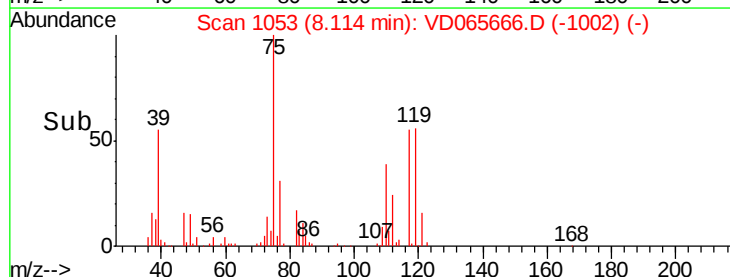
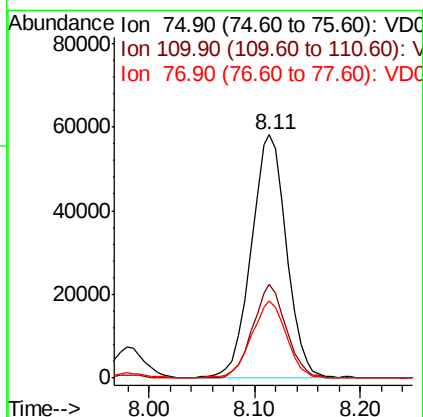
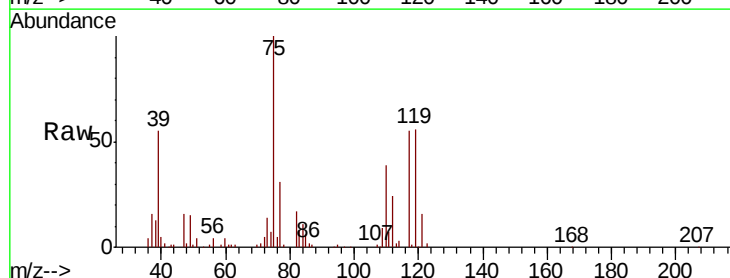
Instrument :
 MSVOA_D
 ClientSampleId :

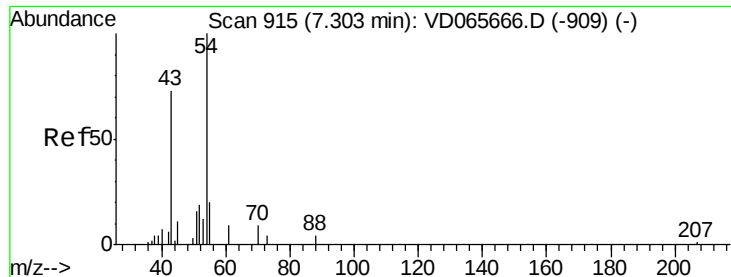
Tot Ion:113 Resp: 98256
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.2 124.8
 192 23.3 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 46.879 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion: 75 Resp: 134644
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.4 55.0
 77 31.6 25.3 37.9

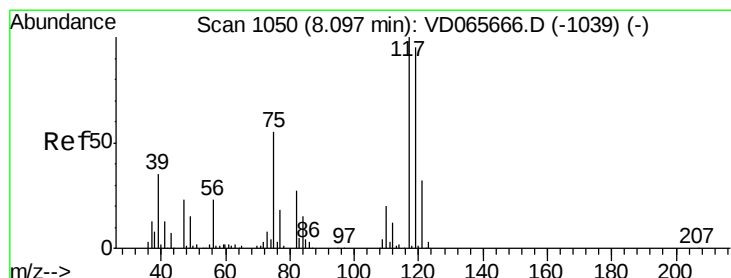
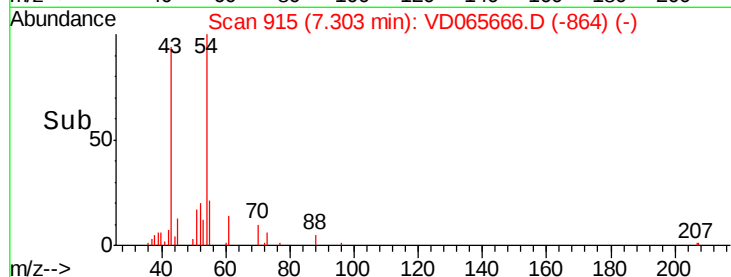
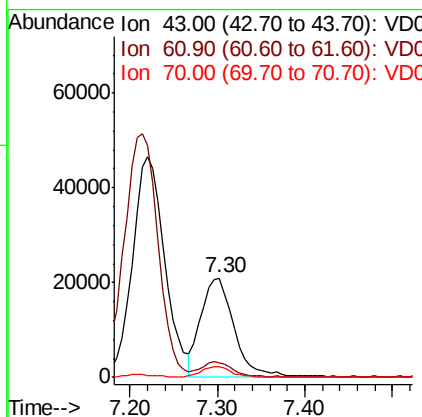
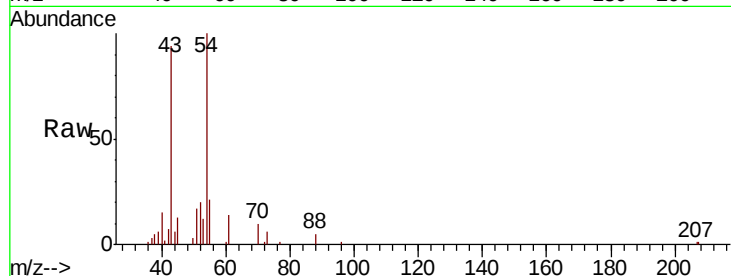




#37
Ethyl Acetate
Concen: 49.602 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

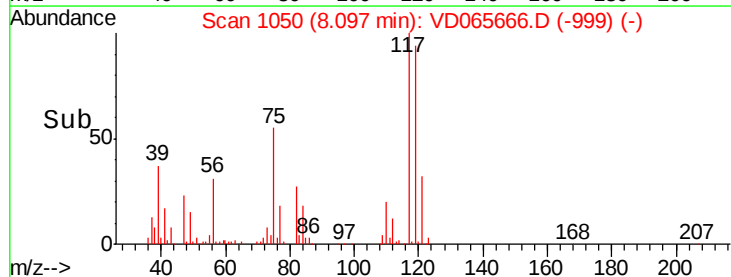
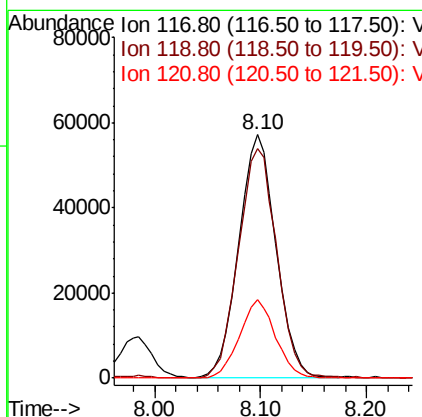
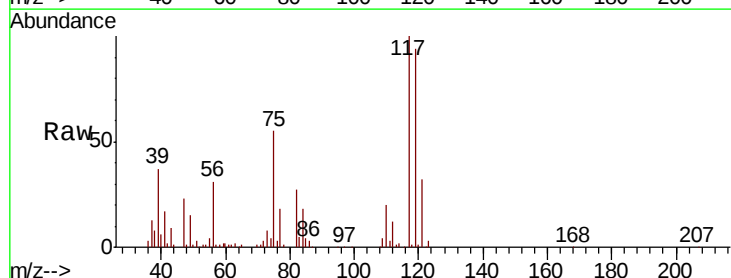
Instrument :
MSVOA_D
ClientSampleId :

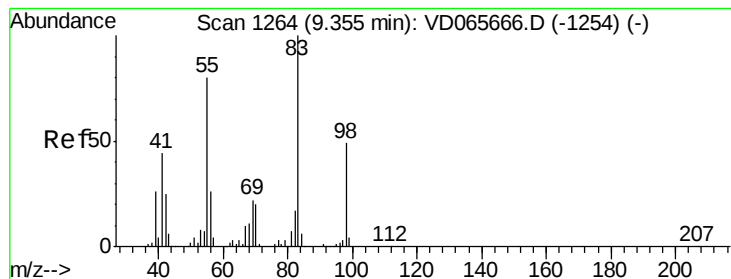
Tot Ion: 43 Resp: 56031
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 45.352 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion: 117 Resp: 138954
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
121 32.2 25.8 38.6





#39

Methvlcvclohexane

Concen: 47.092 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

ClientSampled :

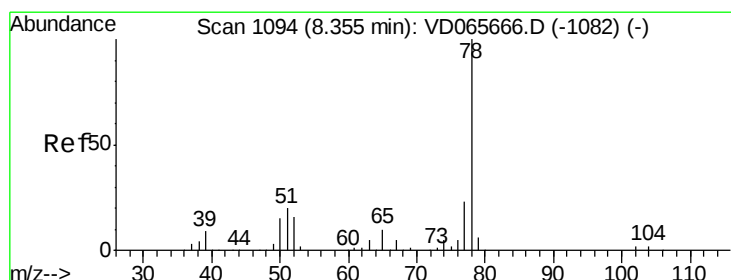
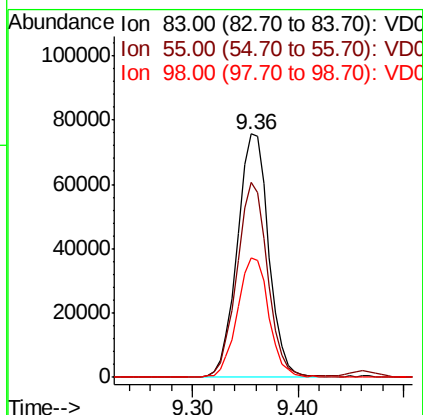
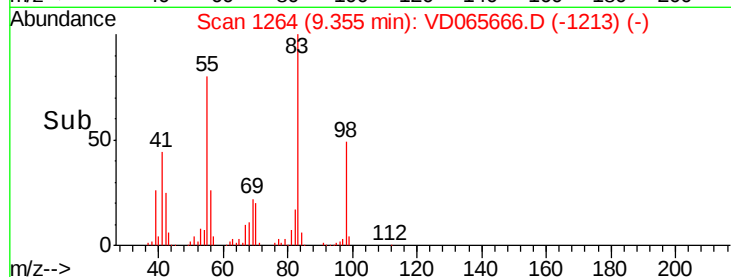
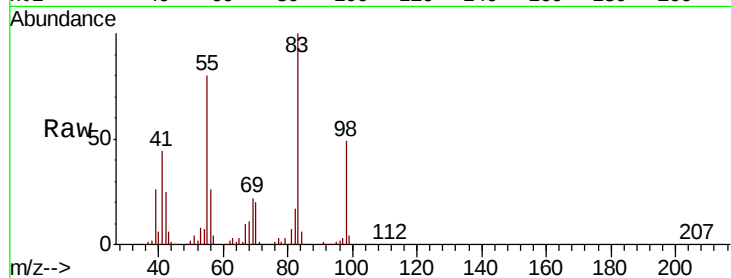
Tot Ion: 83 Resp: 156161

Ion Ratio Lower Upper

83 100

55 80.0 64.0 96.0

98 49.0 39.2 58.8



#40

Benzene

Concen: 45.911 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VD065666.D

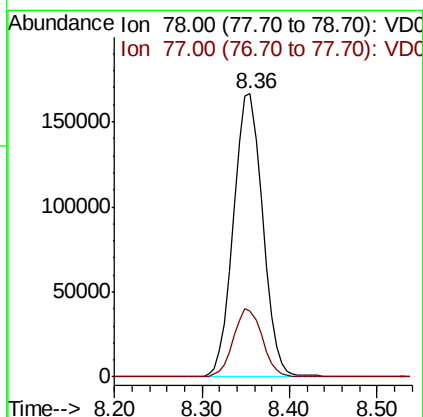
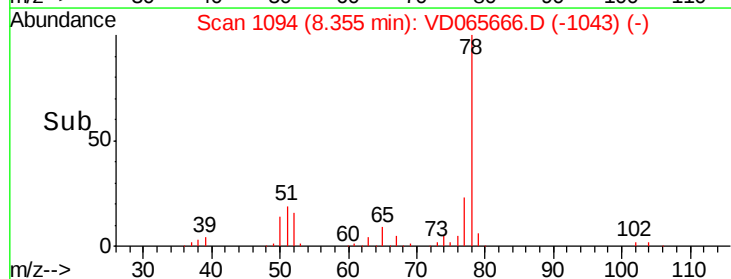
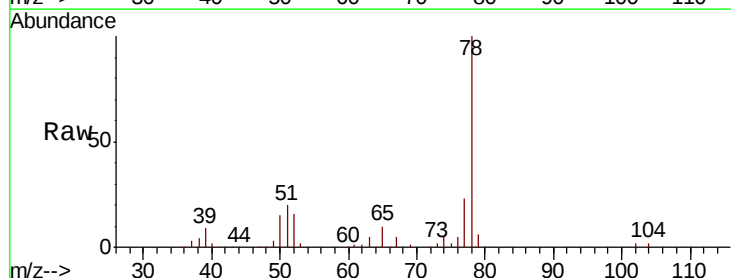
Acq: 22 Apr 2020 15:05

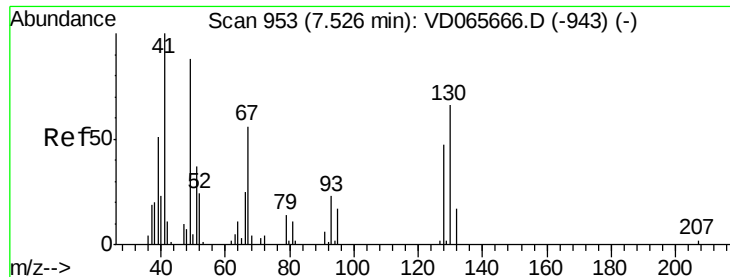
Tgt Ion: 78 Resp: 377458

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1

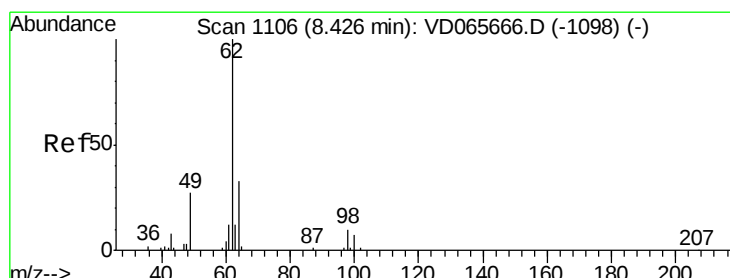
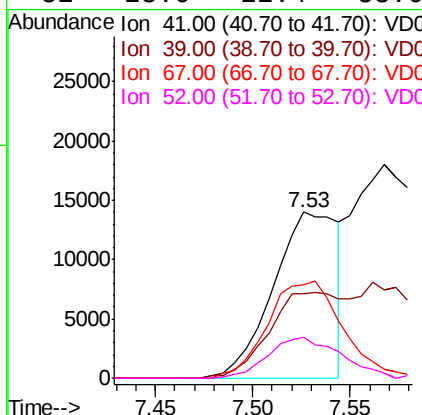
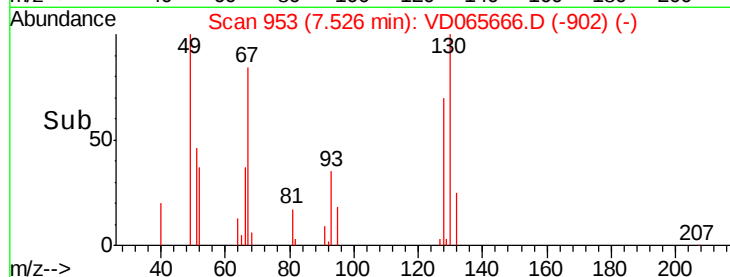
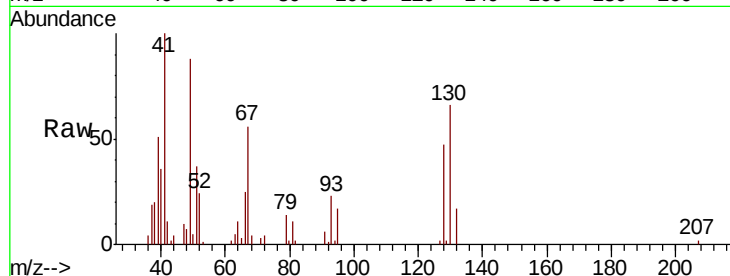




#41
Methacrylonitrile
Concen: 54.142 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

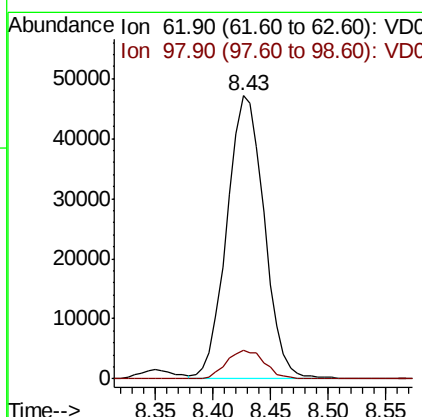
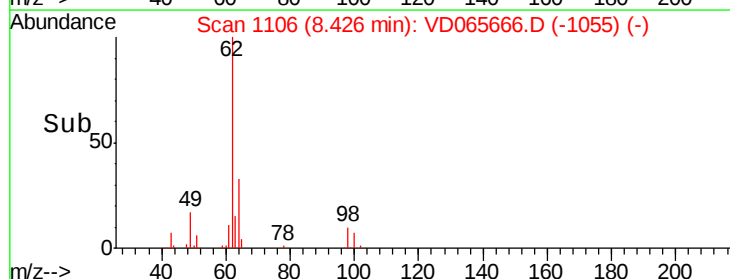
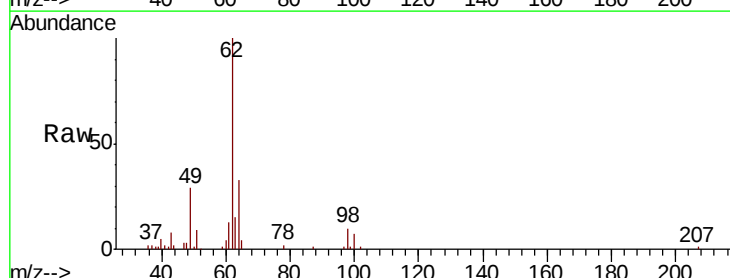
Instrument :
MSVOA_D
ClientSampleId :

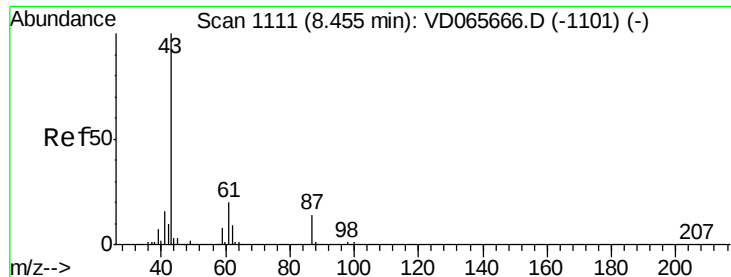
Tot Ion:	41	Resp:	32248
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.8	65.6
67	68.0	54.4	81.6
52	28.0	22.4	33.6



#42
1,2-Dichloroethane
Concen: 47.211 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion:	62	Resp:	105946
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



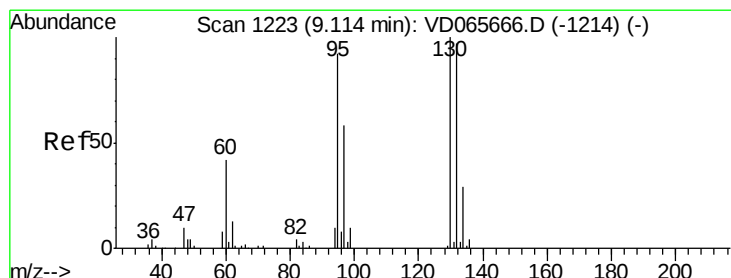
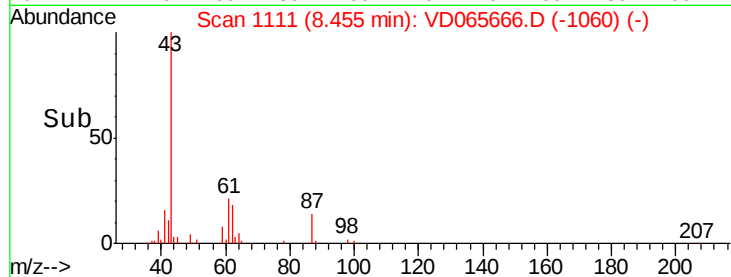
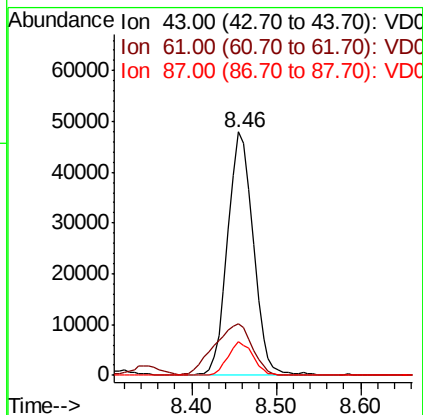
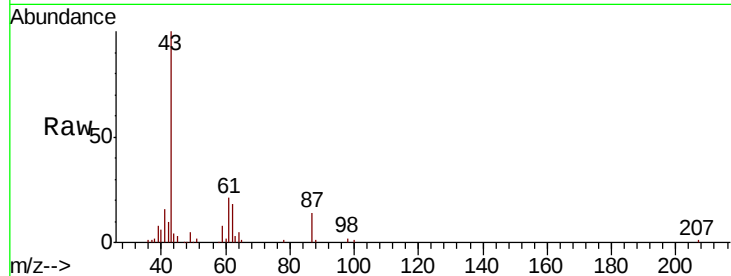


#43

Isopropyl Acetate
 Concen: 49.493 ug/l
 RT: 8.46 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Instrument :
 MSVOA_D
 ClientSampleId :

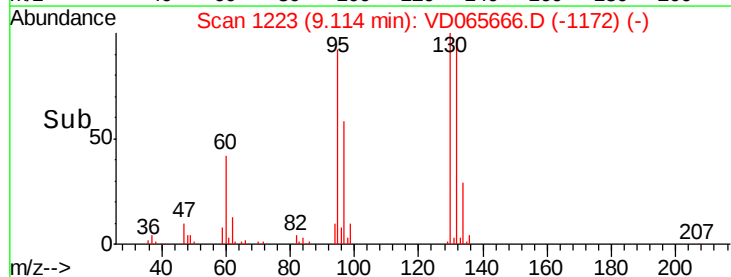
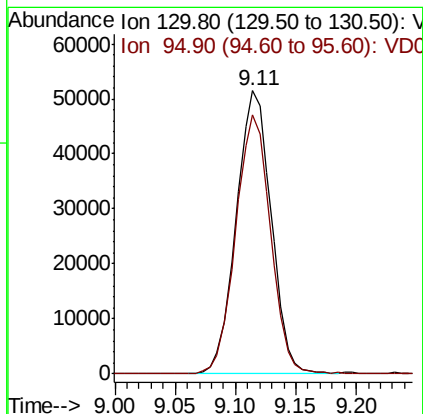
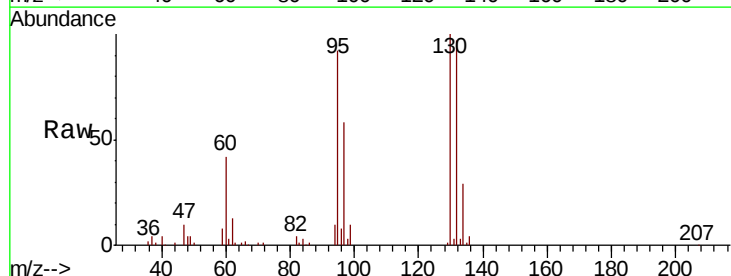
Tot Ion	43	Resp	101127
Ion Ratio	Lower	Upper	
43	100		
61	30.9	24.7	37.1
87	13.3	10.6	16.0

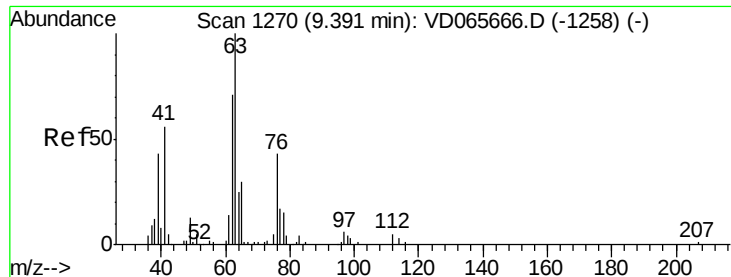


#44

Trichloroethene
 Concen: 45.162 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion	130	Resp	104025
Ion Ratio	Lower	Upper	
130	100		
95	91.6	0.0	183.2

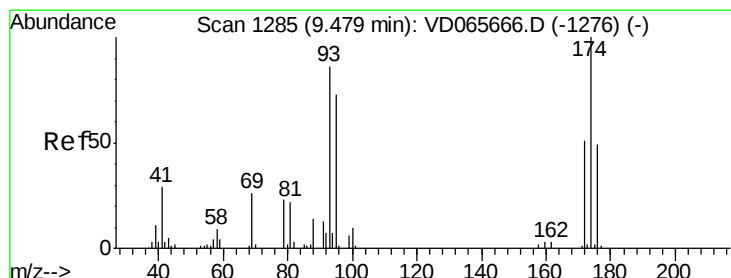
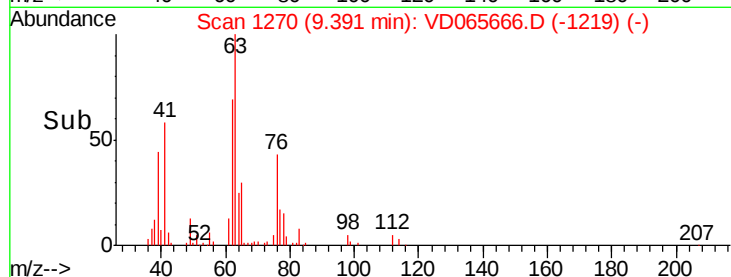
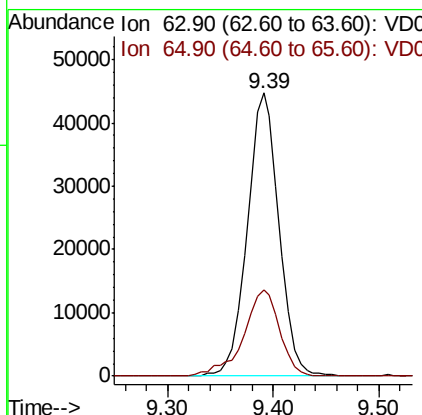
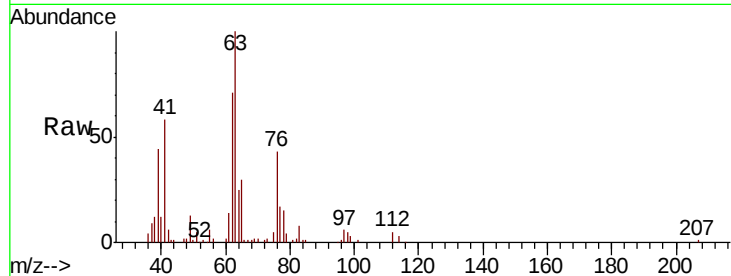




#45
 1,2-Dichloropropane
 Concen: 46.241 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

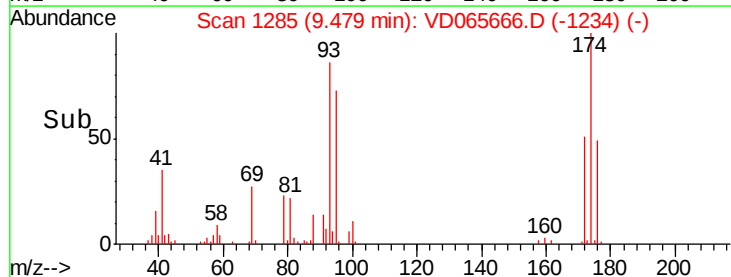
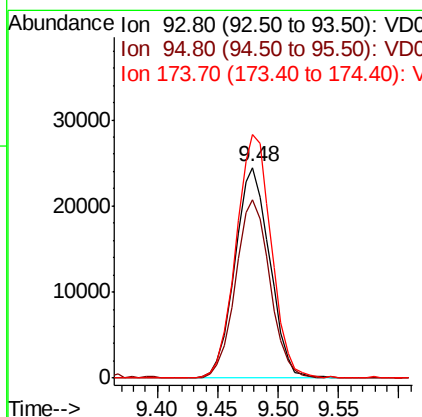
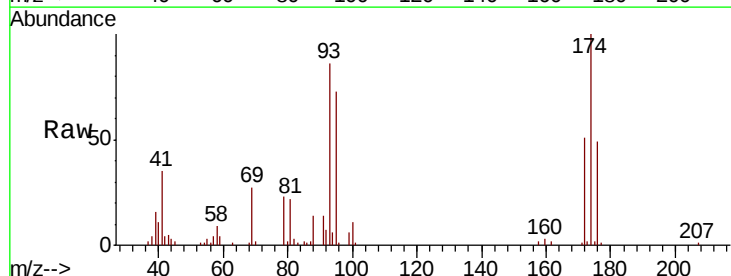
Instrument :
 MSVOA_D
 ClientSampleId :

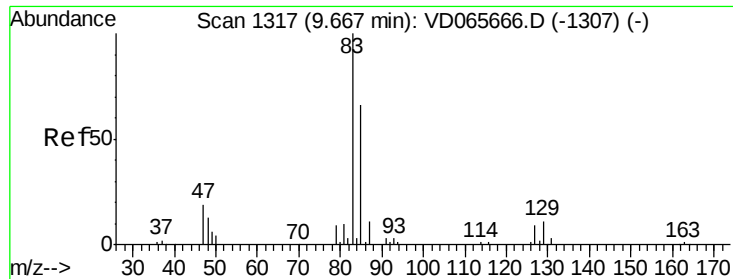
Tot Ion: 63 Resp: 92934
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 47.514 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion: 93 Resp: 49405
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 116.3 93.0 139.6

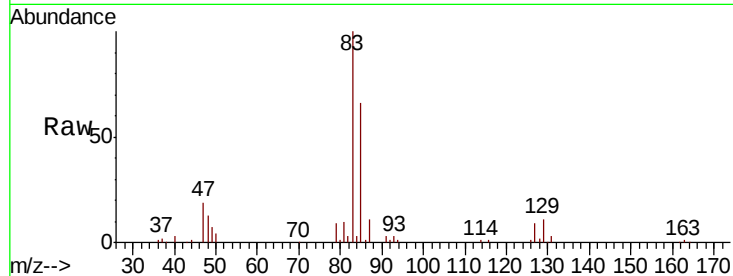




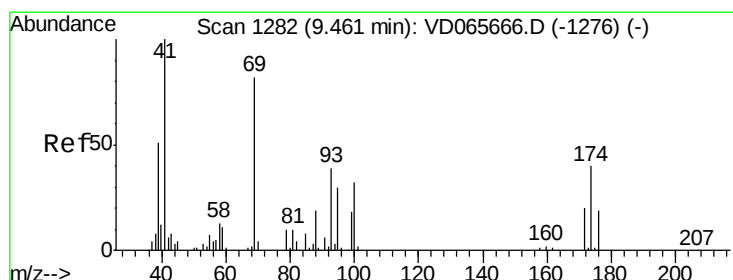
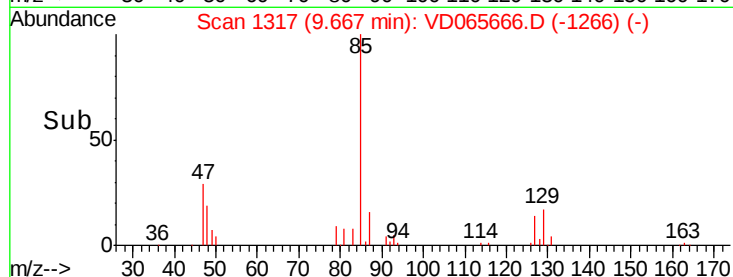
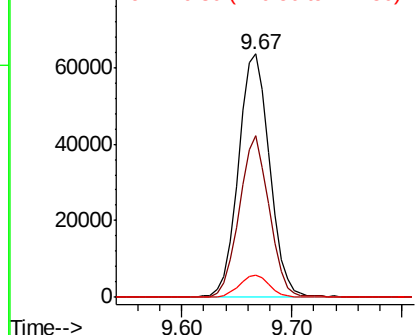
#47
Bromodichloromethane
Concen: 45.833 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 126559
Ion Ratio Lower Upper
83 100
85 66.5 53.2 79.8
127 9.1 7.3 10.9

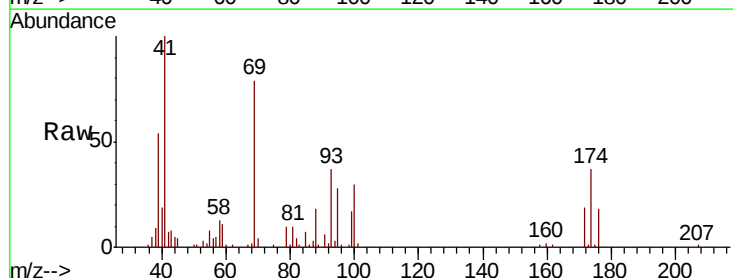


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

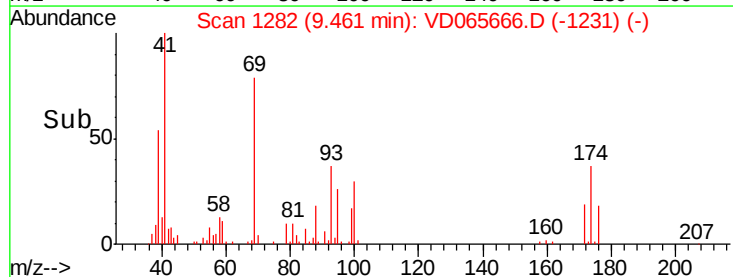
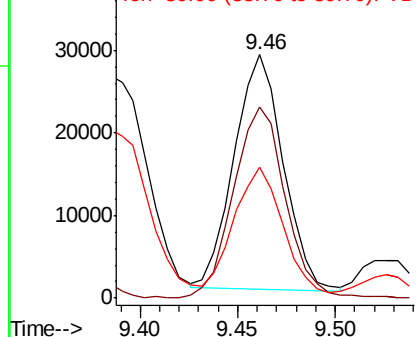


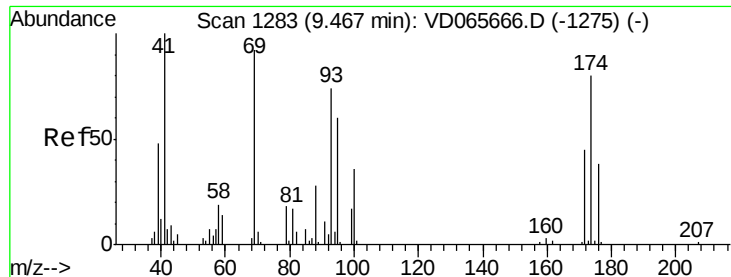
#48
Methyl methacrylate
Concen: 50.507 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion: 41 Resp: 49321
Ion Ratio Lower Upper
41 100
69 86.9 69.5 104.3
39 52.0 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: 1046.059 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :
MSVOA_D
ClientSampled :

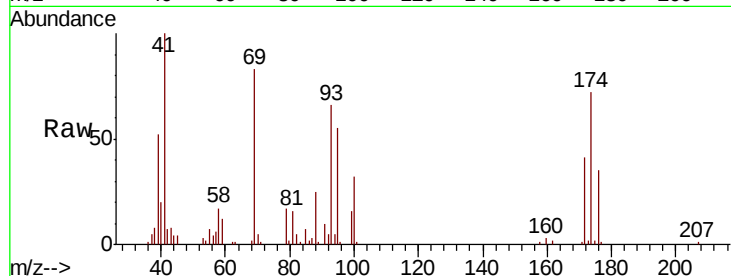
Tot Ion: 88 Resp: 11999

Ion Ratio Lower Upper

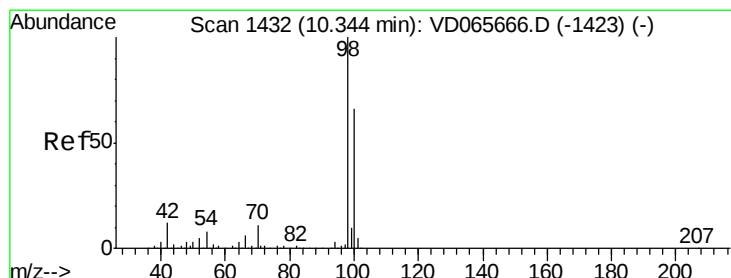
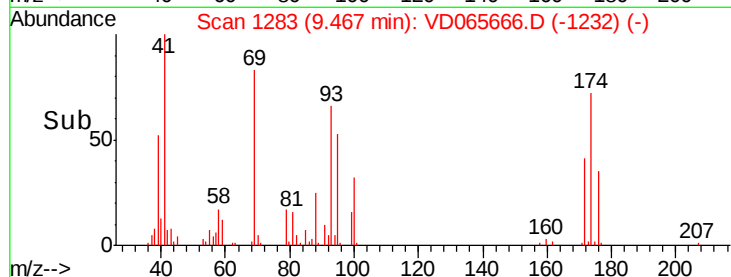
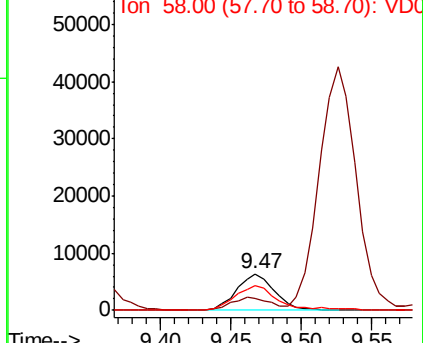
88 100

43 39.1 31.3 46.9

58 72.5 58.0 87.0



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



#50

Toluene-d8

Concen: 53.624 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065666.D

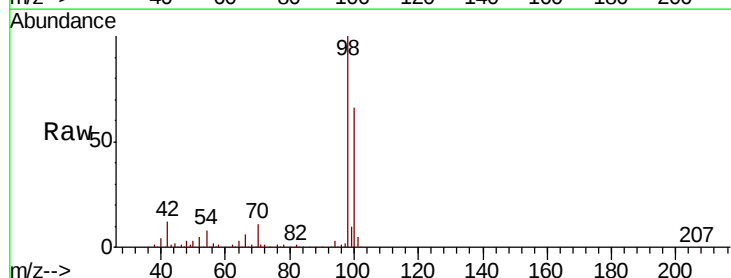
Acq: 22 Apr 2020 15:05

Tgt Ion: 98 Resp: 375329

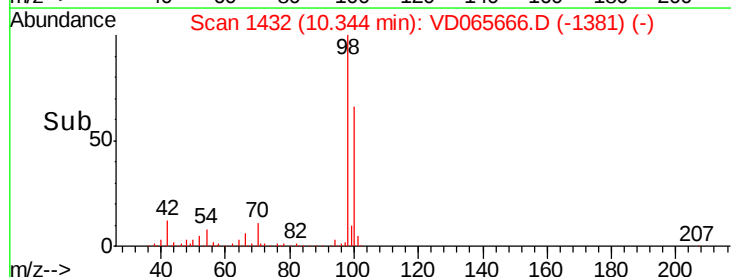
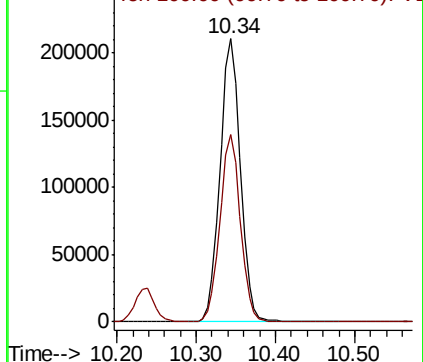
Ion Ratio Lower Upper

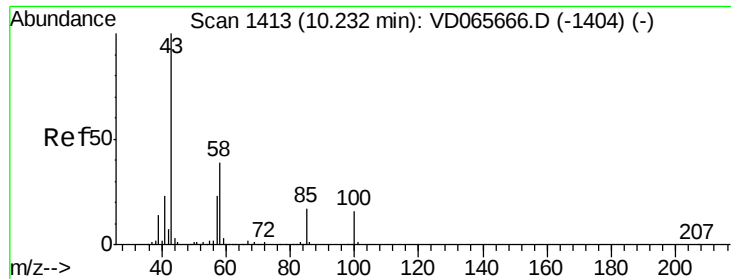
98 100

100 66.0 52.8 79.2



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

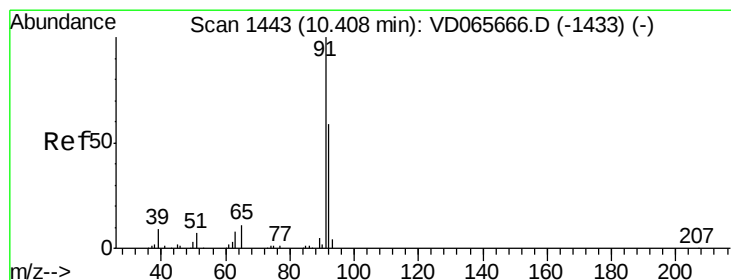
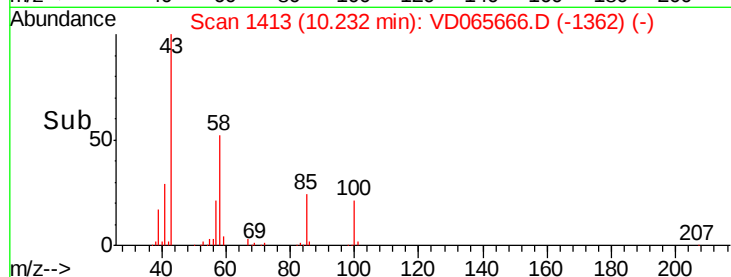
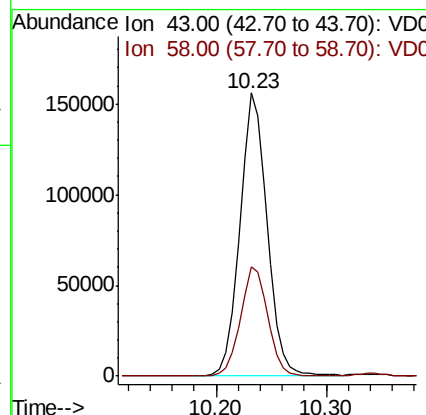
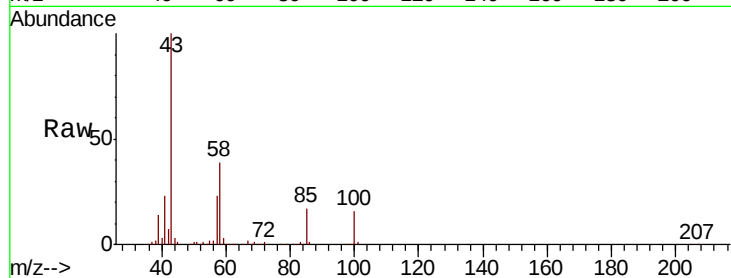




#51
4-Methyl-2-Pentanone
Concen: 261.868 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

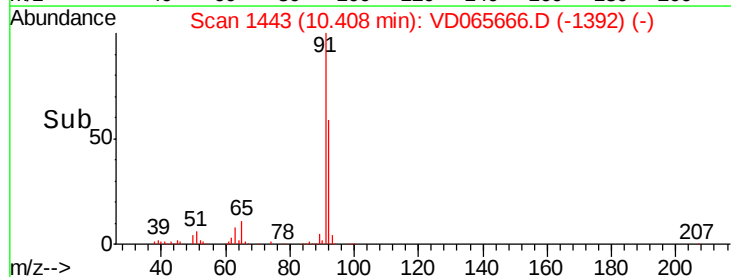
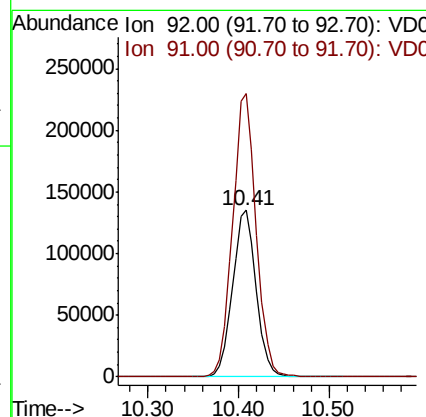
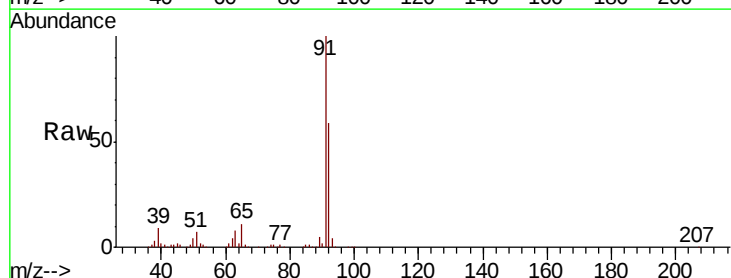
Instrument :
MSVOA_D
ClientSampleId :

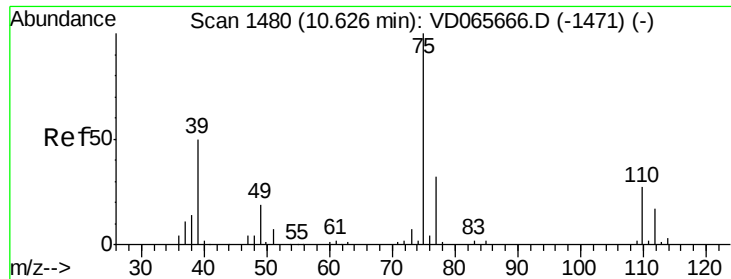
Tot Ion: 43 Resp: 271029
Ion Ratio Lower Upper
43 100
58 38.9 31.1 46.7



#52
Toluene
Concen: 47.998 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion: 92 Resp: 243550
Ion Ratio Lower Upper
92 100
91 169.9 135.9 203.9

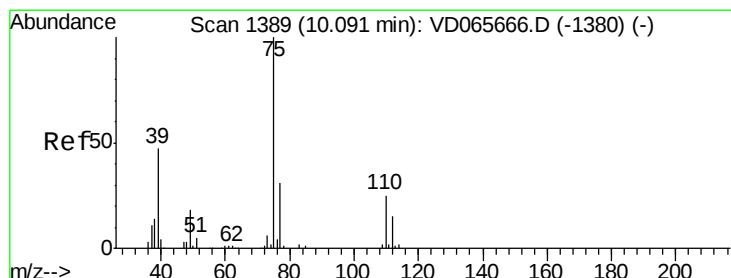
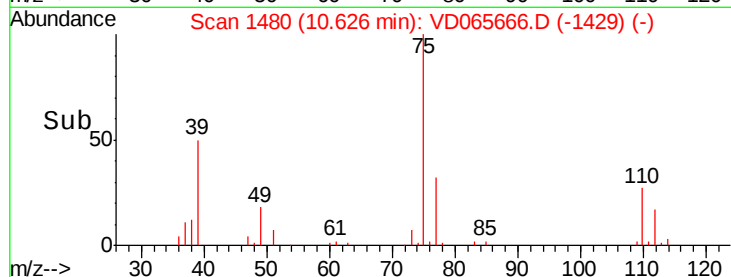
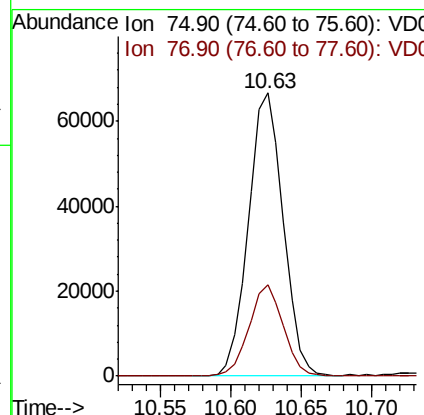
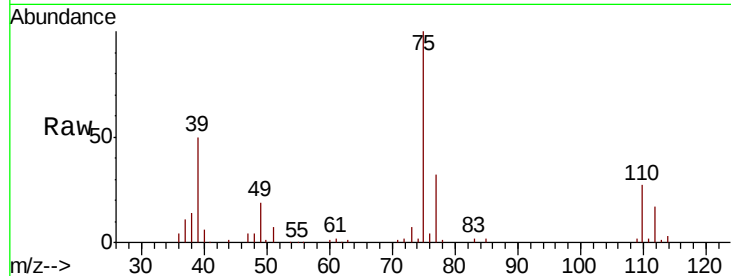




#53
t-1,3-Dichloropropene
Concen: 46.087 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

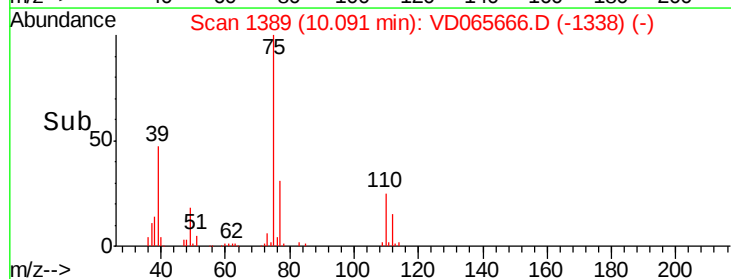
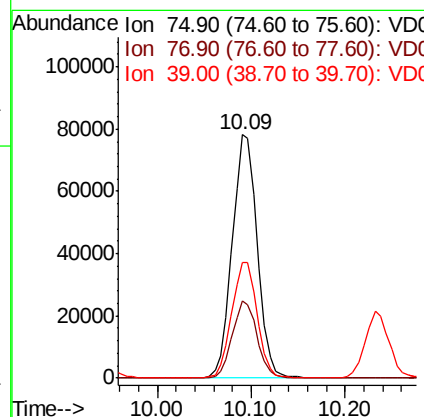
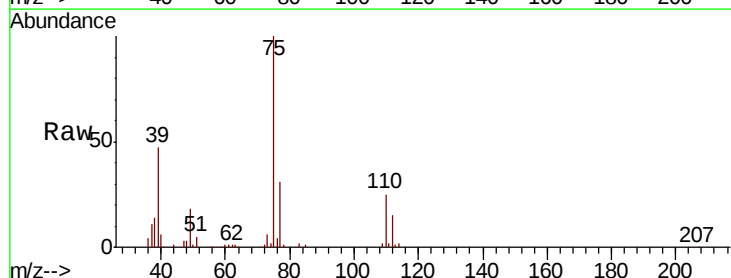
Instrument :
MSVOA_D
ClientSampleId :

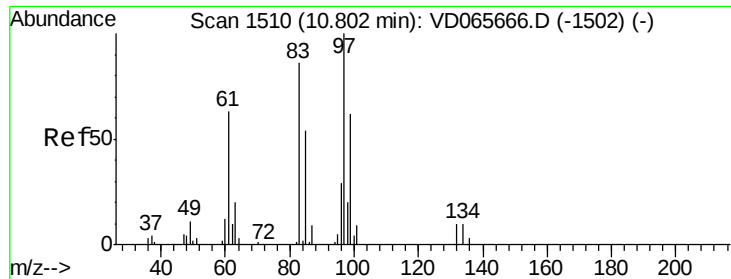
Tot Ion: 75 Resp: 115500
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 47.156 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion: 75 Resp: 144539
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 47.4 37.9 56.9

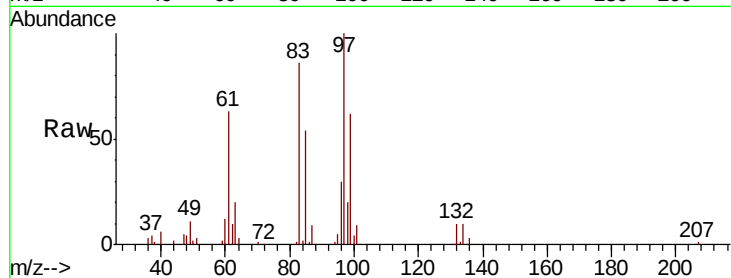




#55
 1,1,2-Trichloroethane
 Concen: 45.652 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	97	Resp	66425
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.5	102.7
85	53.8	43.0	64.6
99	62.3	49.8	74.8



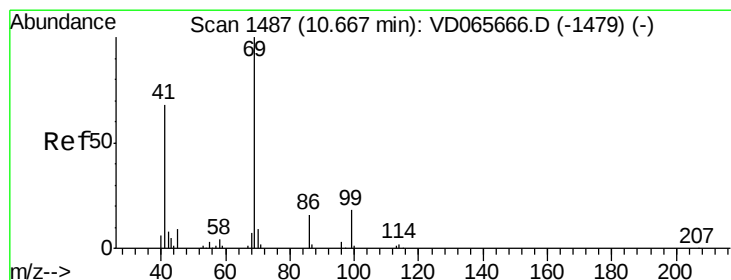
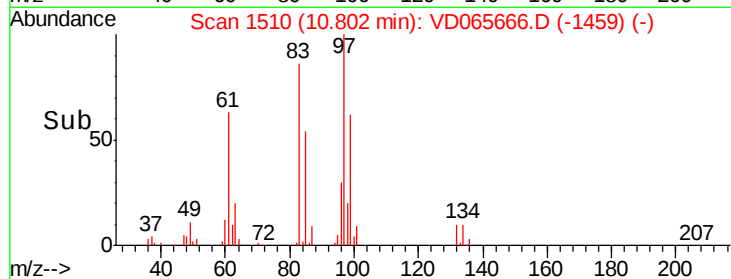
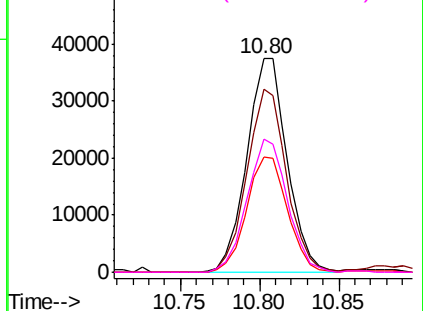
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

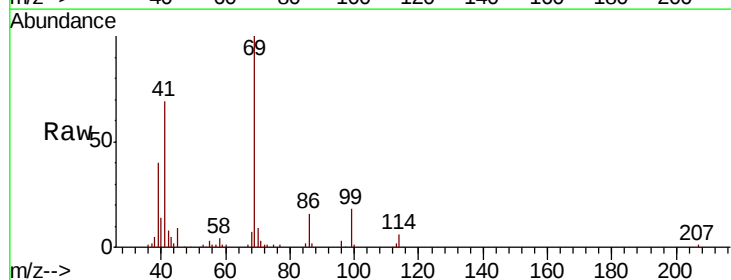
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 45.662 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion	69	Resp	71297
Ion	Ratio	Lower	Upper
69	100		
41	72.9	58.3	87.5
39	36.9	29.5	44.3

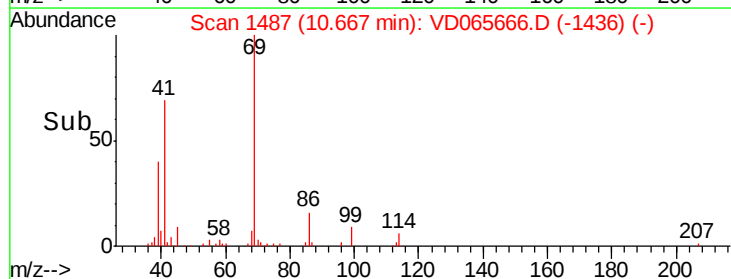
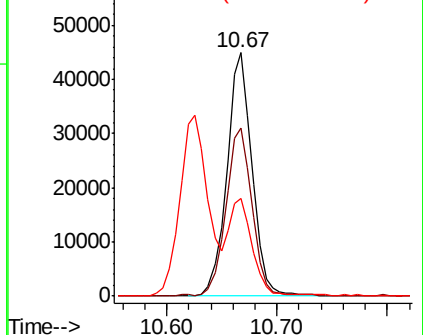


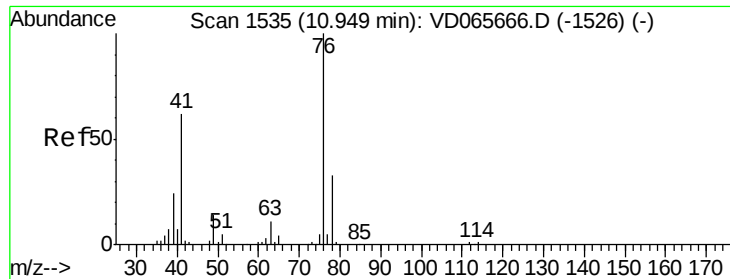
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

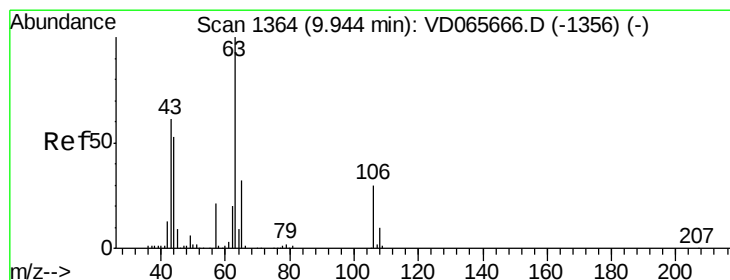
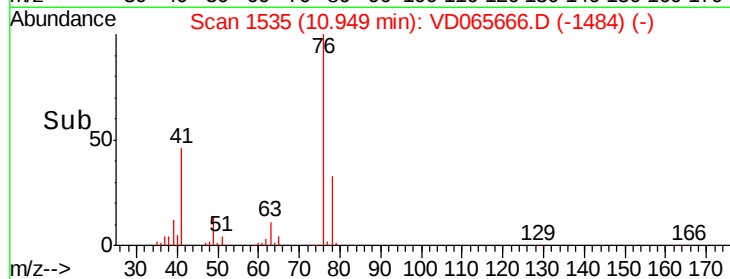
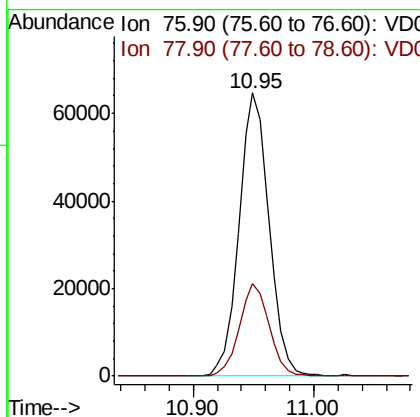
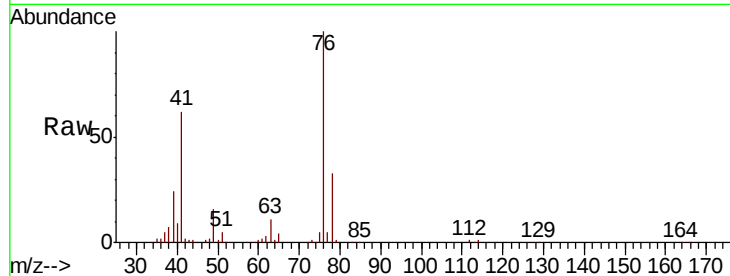




#57
 1,3-Dichloropropane
 Concen: 45.340 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

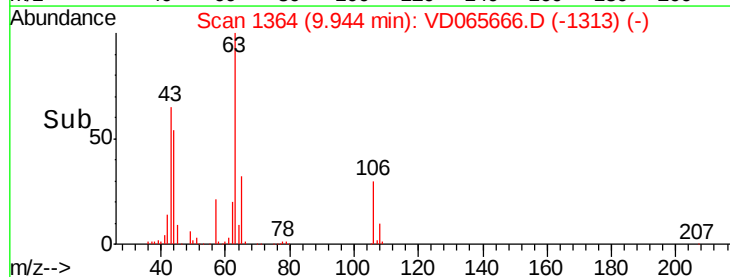
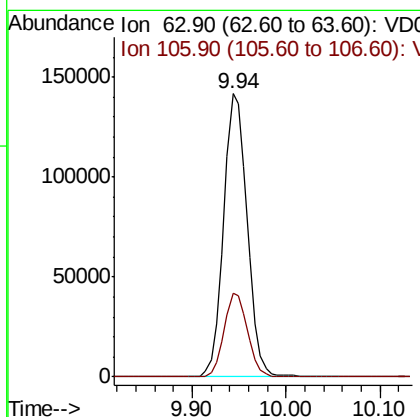
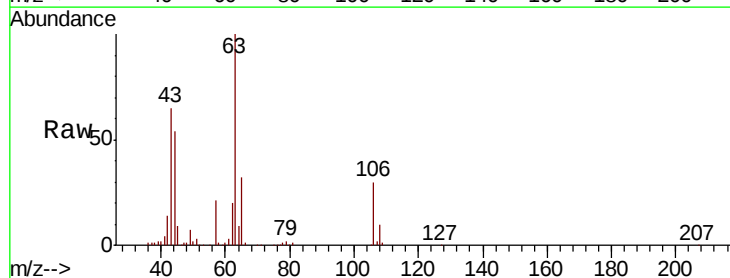
Instrument :
 MSVOA_D
 ClientSampleId :

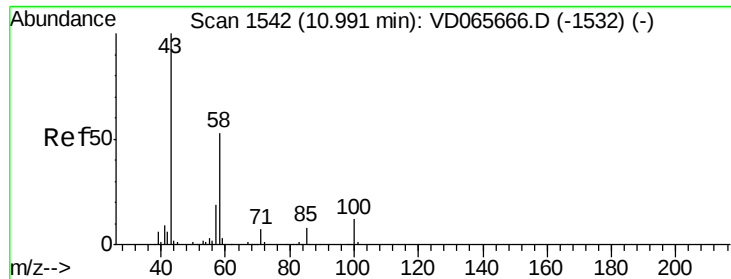
Tot Ion: 76 Resp: 112350
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 299.818 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion: 63 Resp: 247489
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.7 35.5

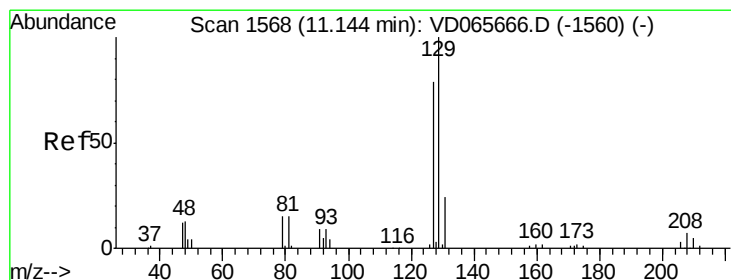
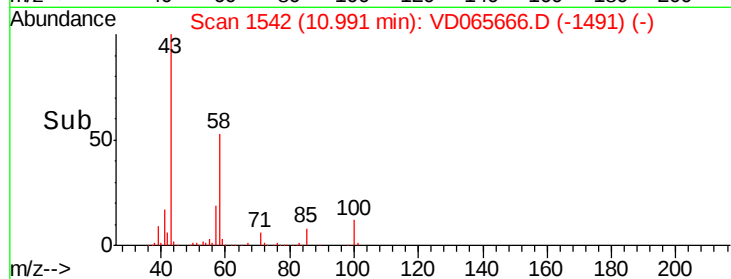
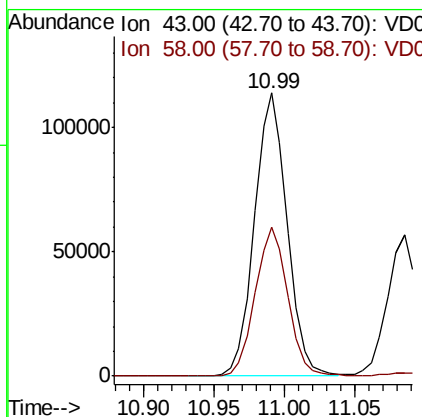
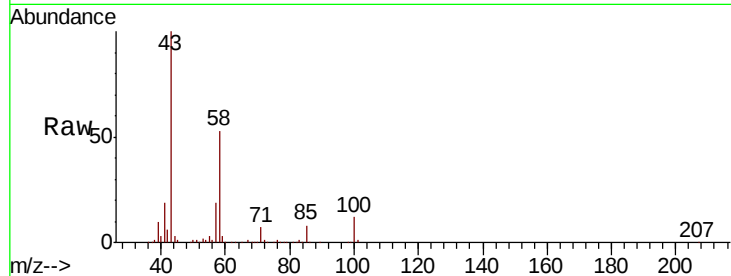




#59
2-Hexanone
Concen: 263.904 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

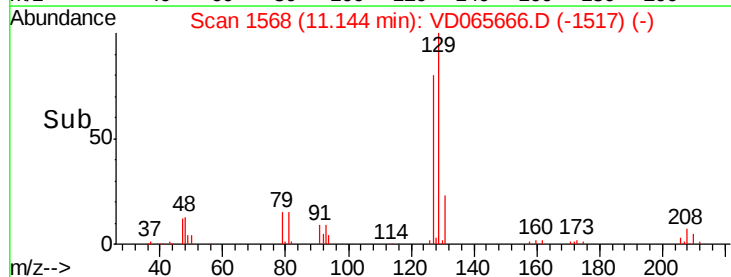
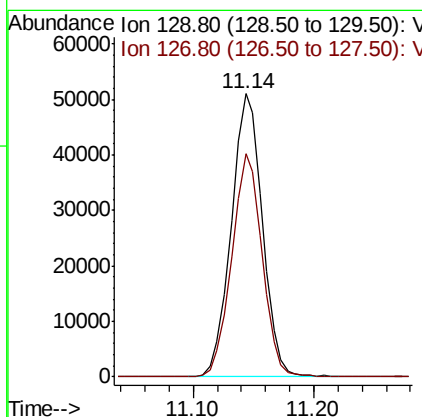
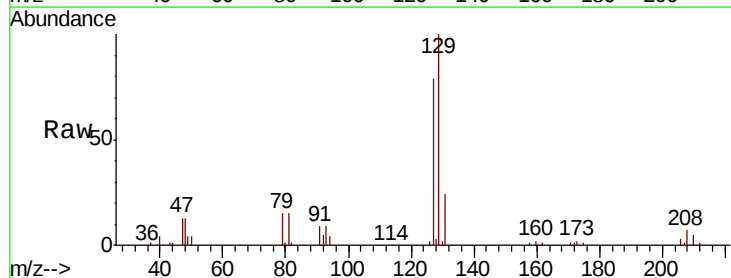
Instrument :
MSVOA_D
ClientSampleId :

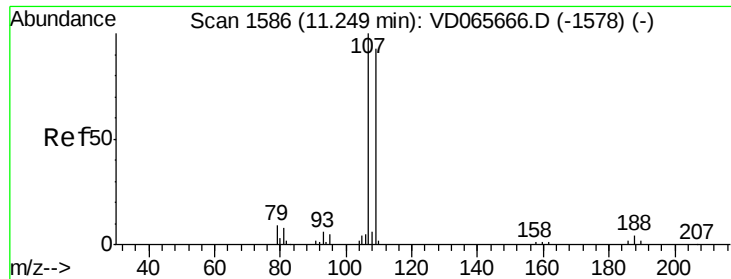
Tot Ion: 43 Resp: 185320
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9



#60
Dibromochloromethane
Concen: 47.263 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion: 129 Resp: 91359
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.147 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

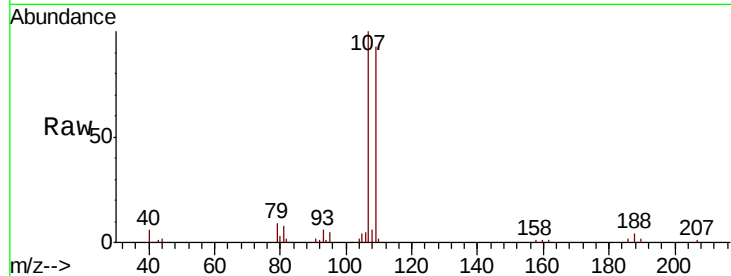
ClientSampleId :

Tot Ion:107 Resp: 66365

Ion Ratio Lower Upper

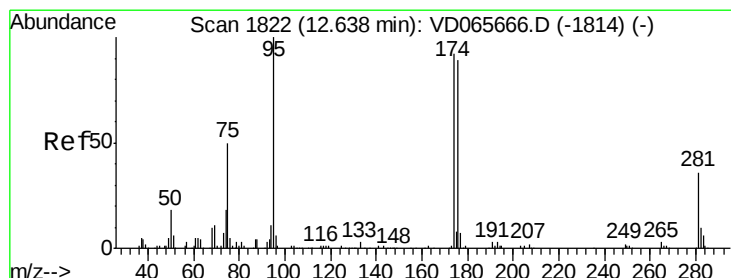
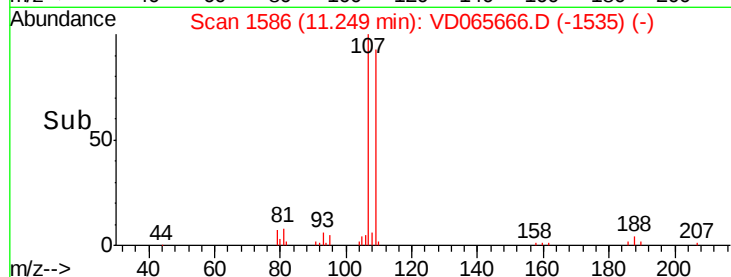
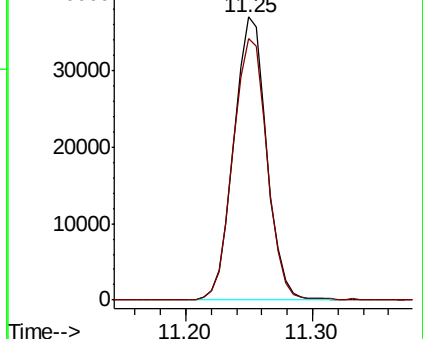
107 100

109 95.5 76.4 114.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.109 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

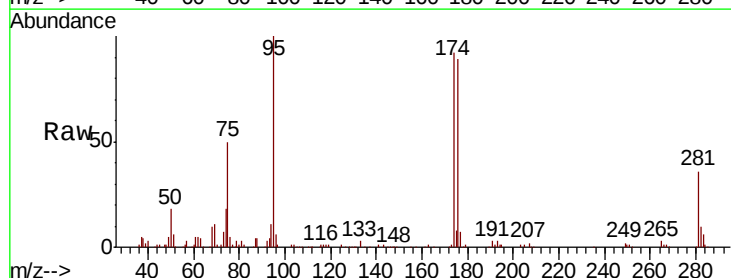
Tgt Ion: 95 Resp: 120144

Ion Ratio Lower Upper

95 100

174 93.2 0.0 186.4

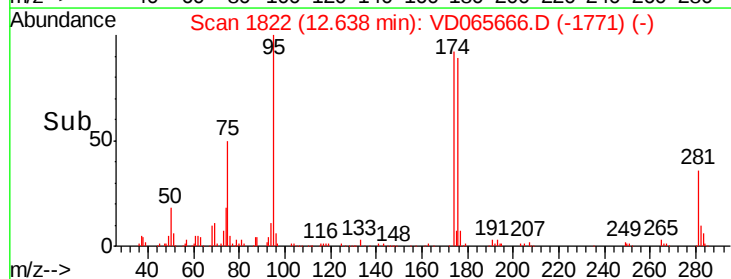
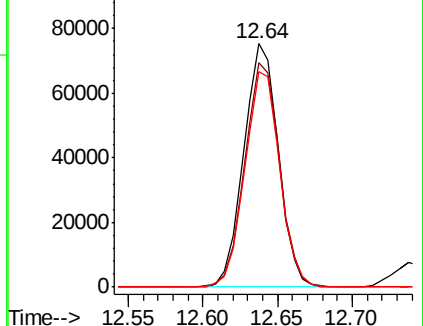
176 89.2 0.0 178.4

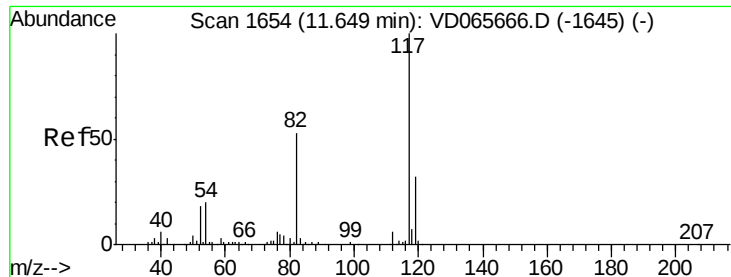


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

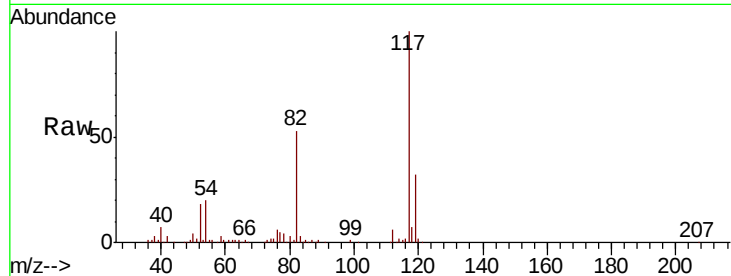




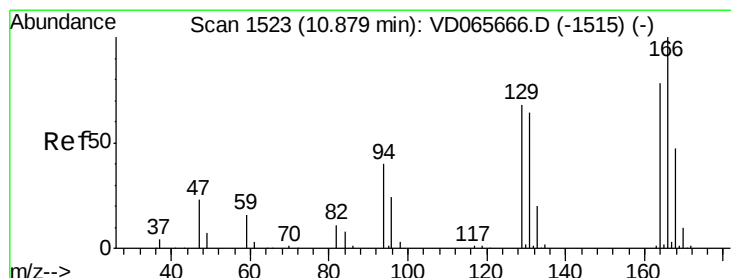
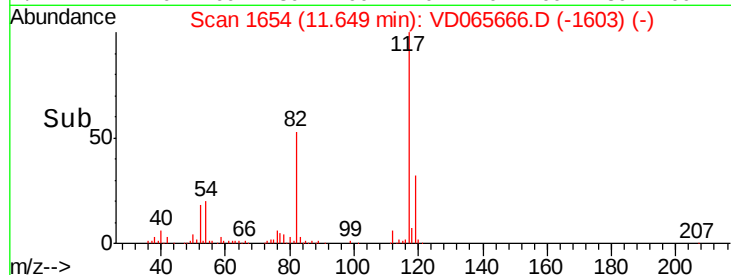
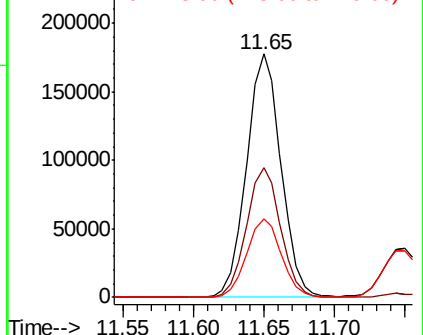
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 303482
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 32.4 25.9 38.9

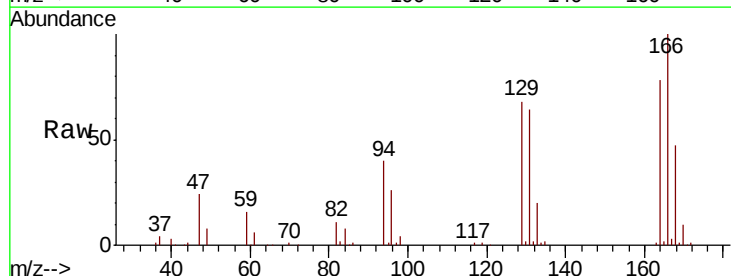


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

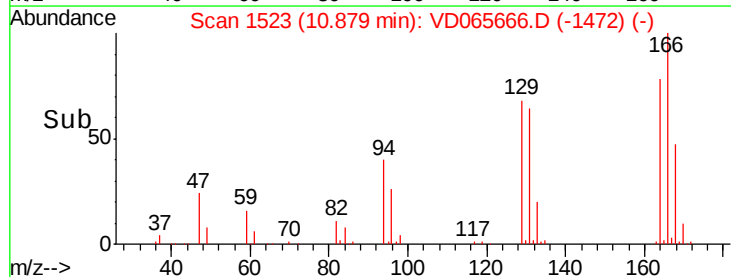
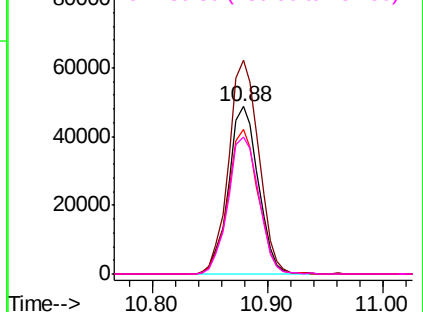


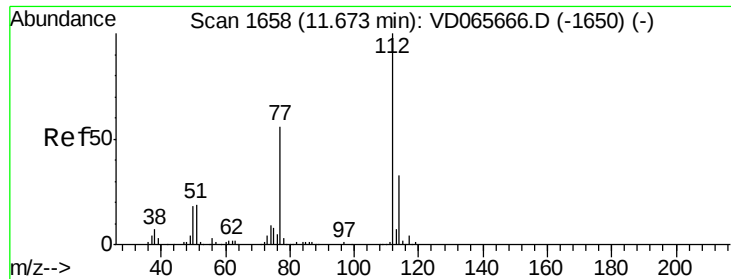
#64
Tetrachloroethene
Concen: 41.417 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion:164 Resp: 86971
Ion Ratio Lower Upper
164 100
166 127.5 102.0 153.0
129 86.6 69.3 103.9
131 82.0 65.6 98.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 43.399 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

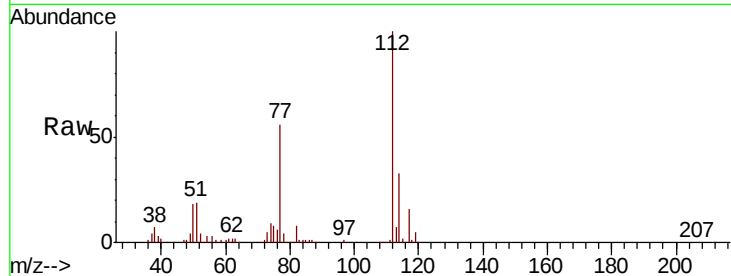
ClientSampleId :

Tot Ion:112 Resp: 252909

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

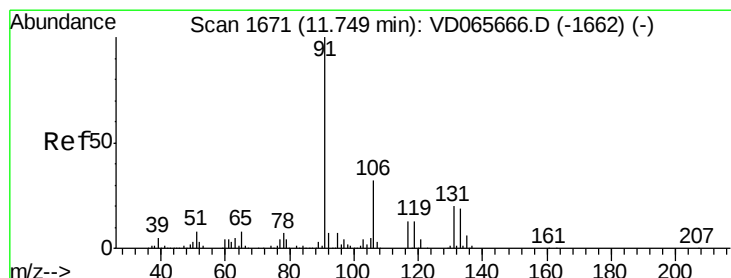
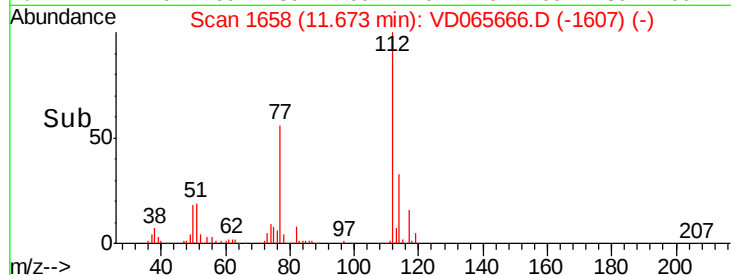
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 43.078 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

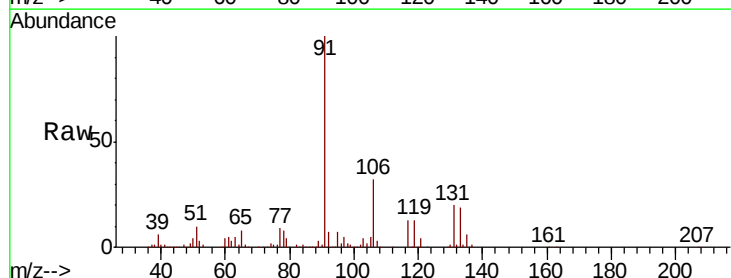
Tgt Ion:131 Resp: 95939

Ion Ratio Lower Upper

131 100

133 97.2 48.6 145.8

119 64.6 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

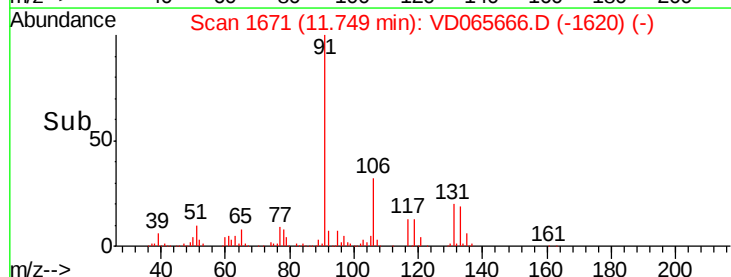
60000

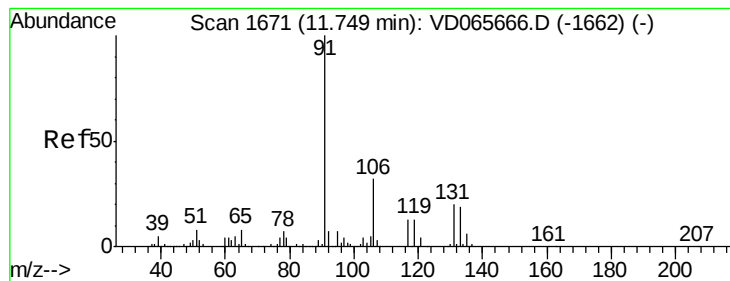
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 44.701 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

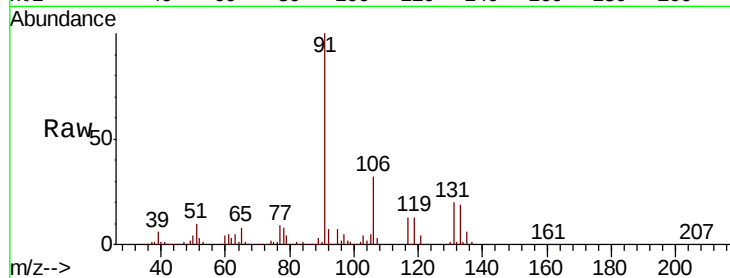
ClientSampled :

Tot Ion: 91 Resp: 445134

Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

400000

300000

200000

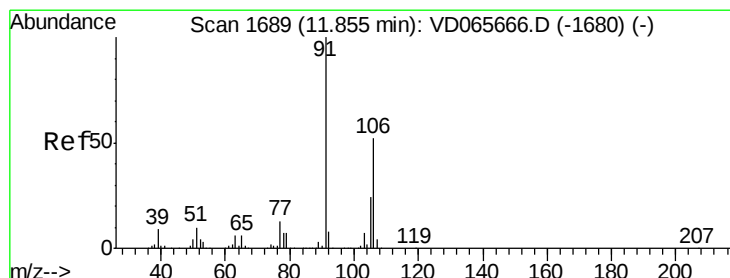
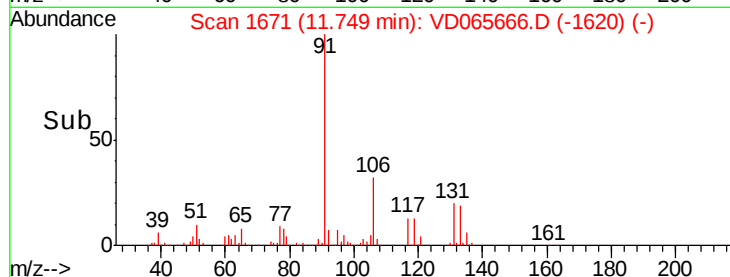
100000

0

11.75

11.80

Time-->



#68

m/p-Xylenes

Concen: 91.459 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD065666.D

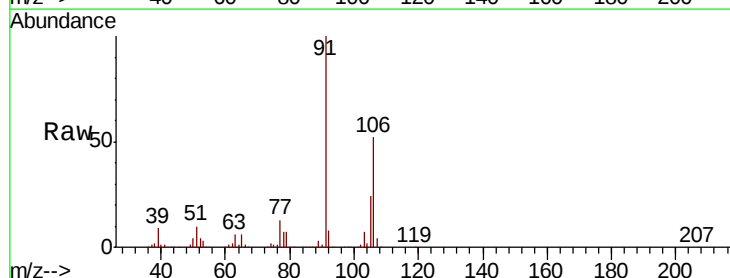
Acq: 22 Apr 2020 15:05

Tgt Ion: 106 Resp: 352297

Ion Ratio Lower Upper

106 100

91 194.7 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

200000

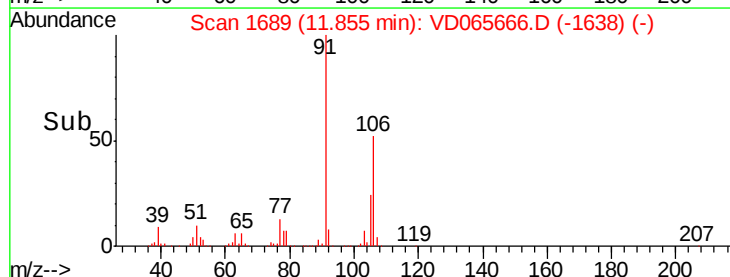
100000

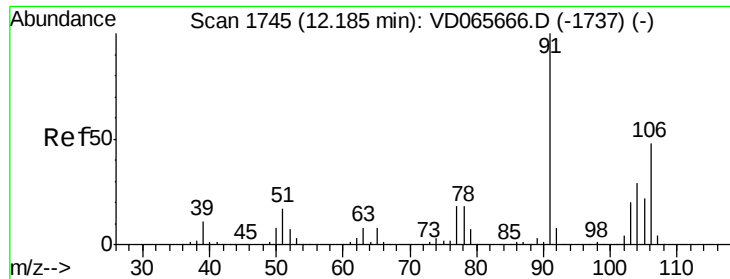
0

11.86

11.90

Time-->

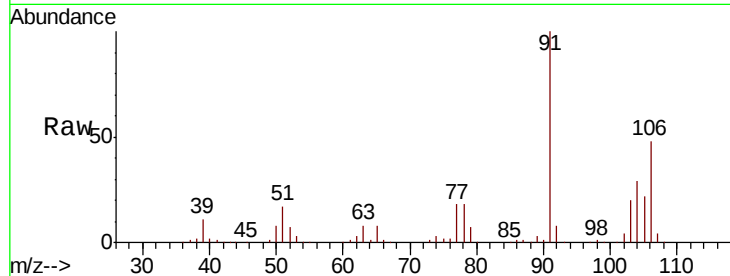




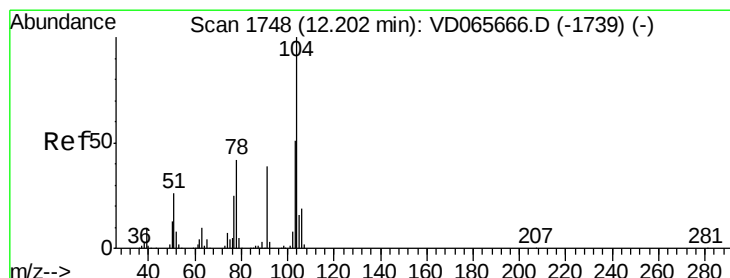
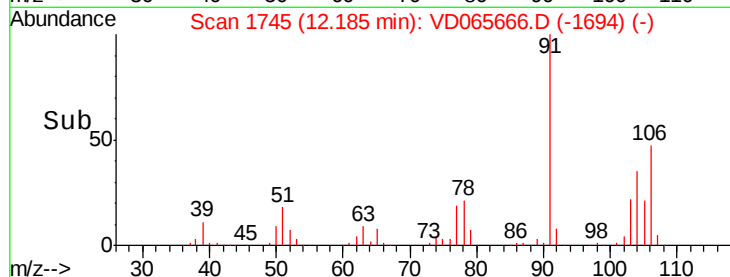
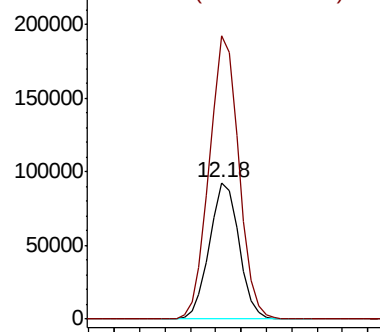
#69
o-Xylene
Concen: 44.753 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 150173
Ion Ratio Lower Upper
106 100
91 207.3 103.6 310.9

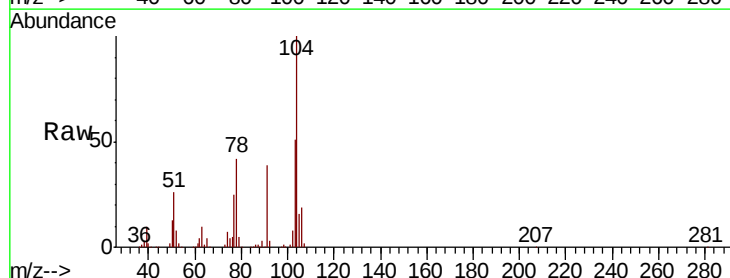


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

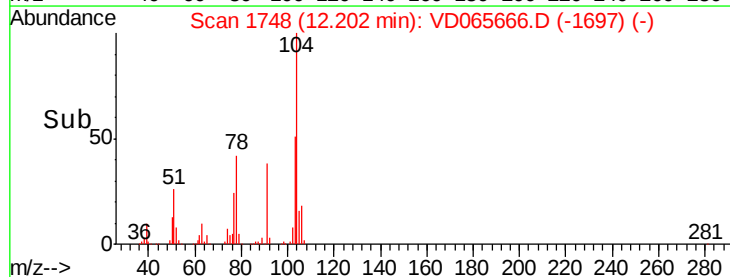
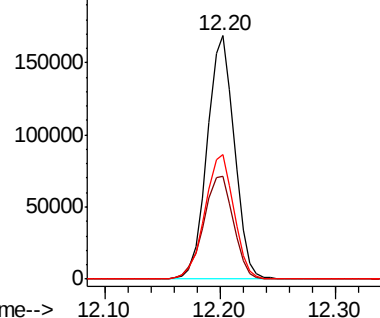


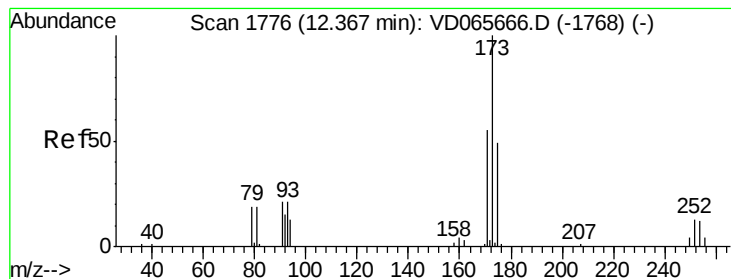
#70
Styrene
Concen: 46.432 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion:104 Resp: 276092
Ion Ratio Lower Upper
104 100
78 46.7 37.4 56.0
103 54.5 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 45.192 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

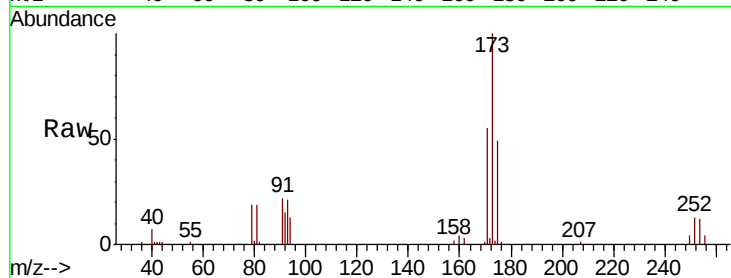
Tot Ion:173 Resp: 56369

Ion Ratio Lower Upper

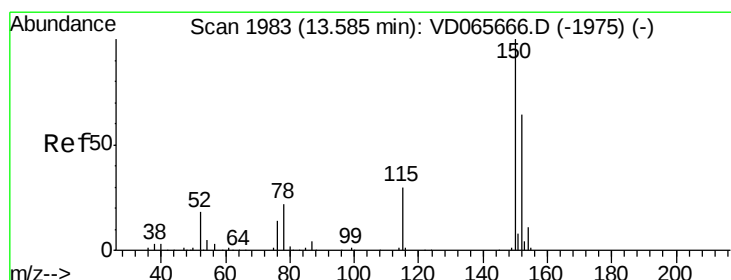
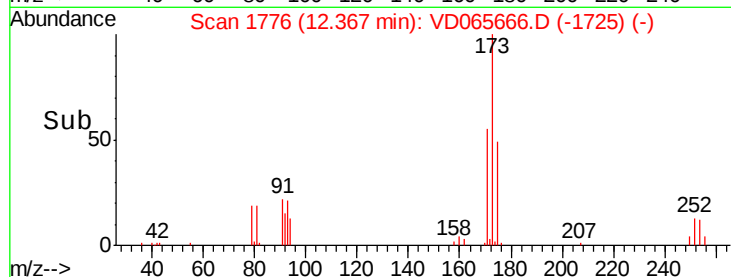
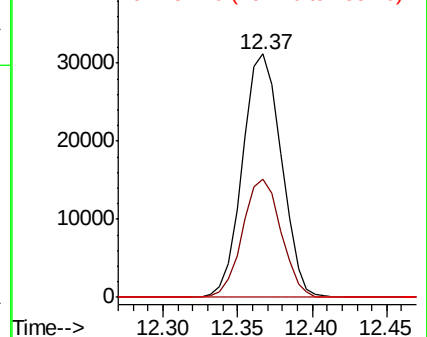
173 100

175 47.8 23.9 71.7

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

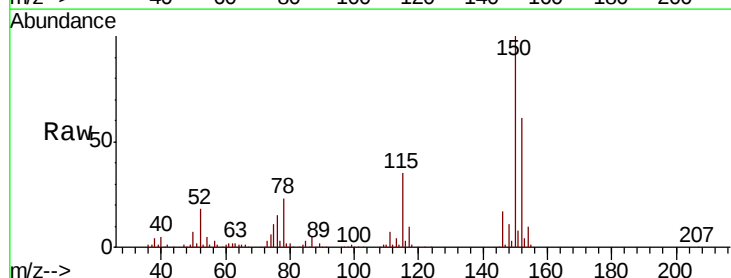
Tgt Ion:152 Resp: 157086

Ion Ratio Lower Upper

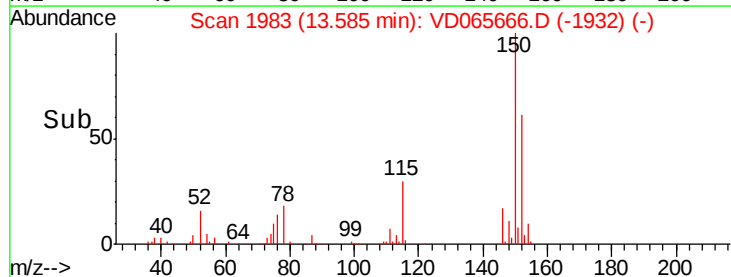
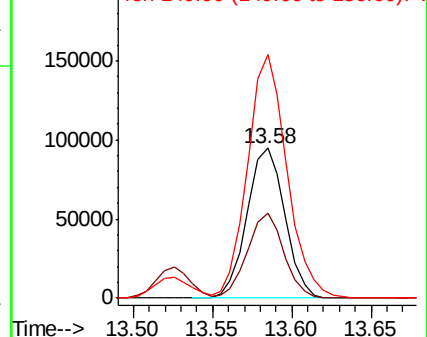
152 100

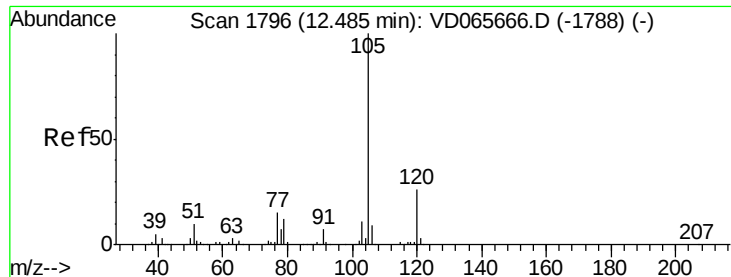
115 54.7 27.4 82.0

150 169.5 0.0 339.0



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





#73

Isopropylbenzene

Concen: 44.965 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

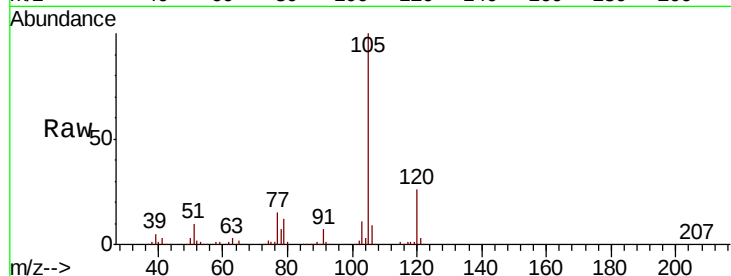
ClientSampled :

Tot Ion:105 Resp: 411787

Ion Ratio Lower Upper

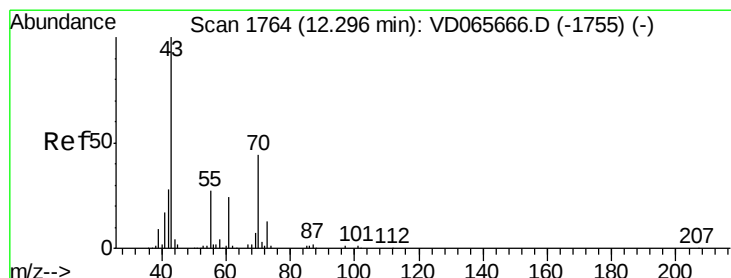
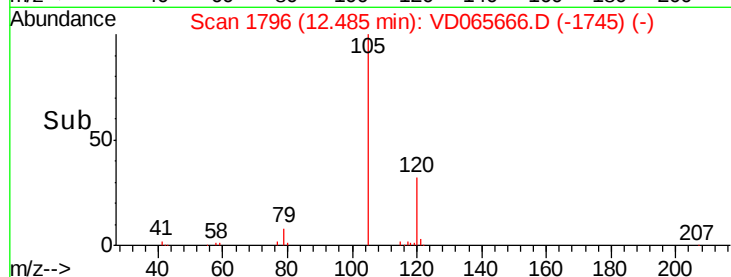
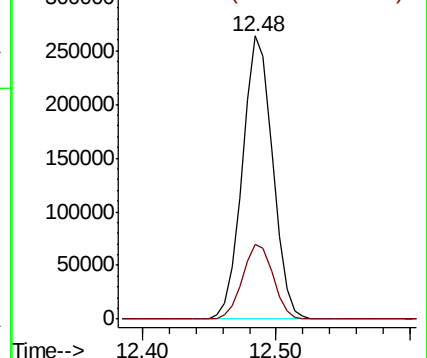
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.177 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Tgt Ion: 43 Resp: 92953

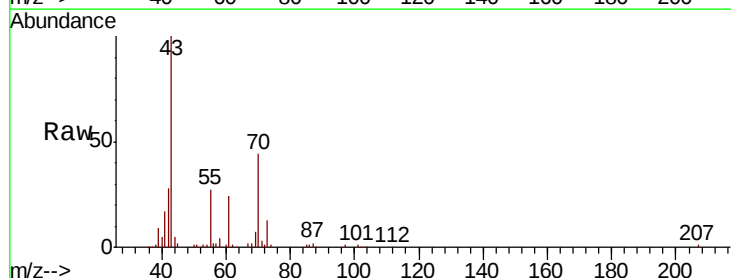
Ion Ratio Lower Upper

43 100

70 43.2 34.6 51.8

55 27.9 22.3 33.5

61 23.9 19.1 28.7

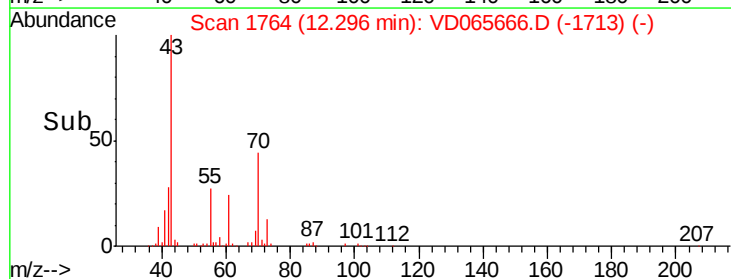
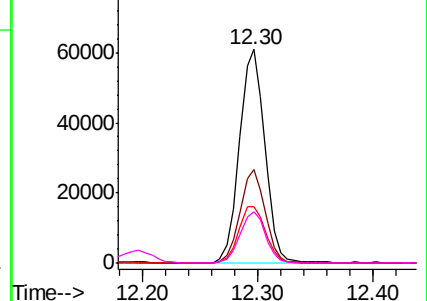


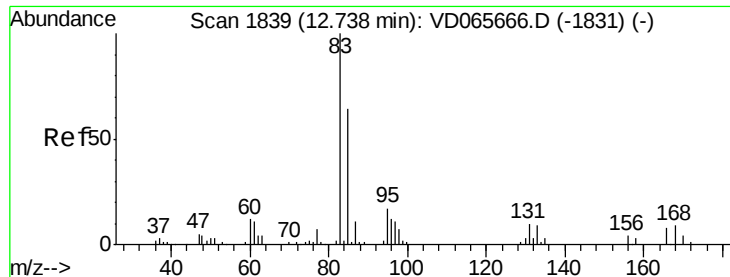
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 44.143 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

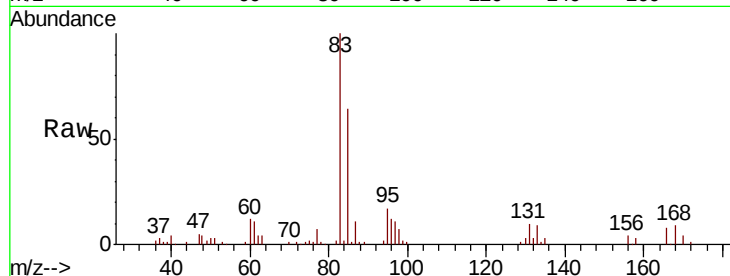
Tot Ion: 83 Resp: 73180

Ion Ratio Lower Upper

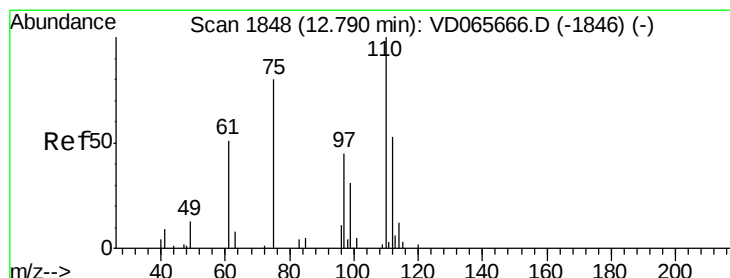
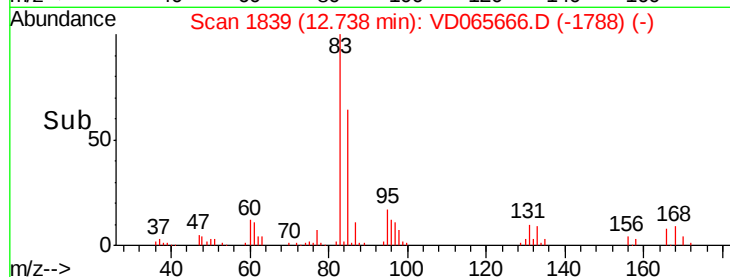
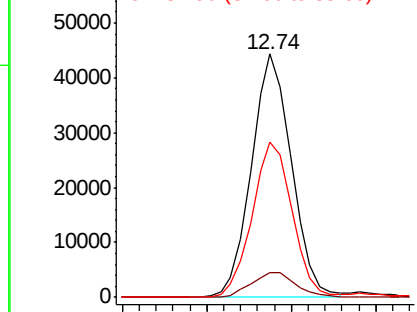
83 100

131 11.4 5.7 17.1

85 63.9 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 80.489 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065666.D

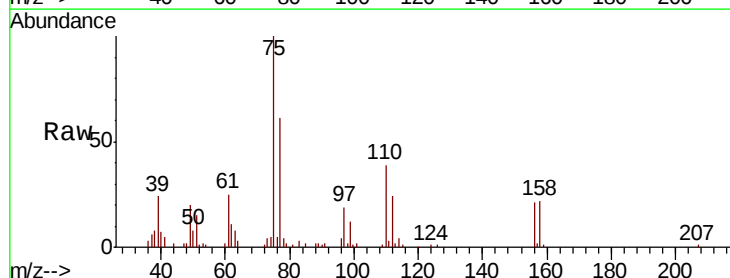
Acq: 22 Apr 2020 15:05

Tgt Ion: 75 Resp: 95367

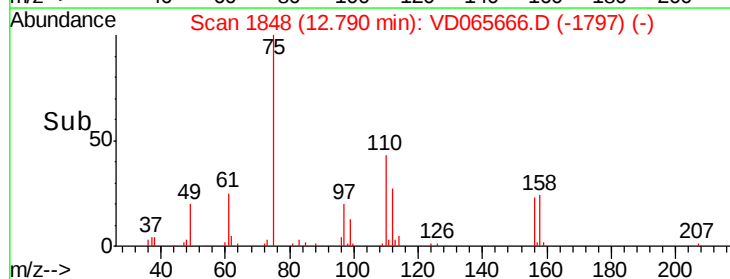
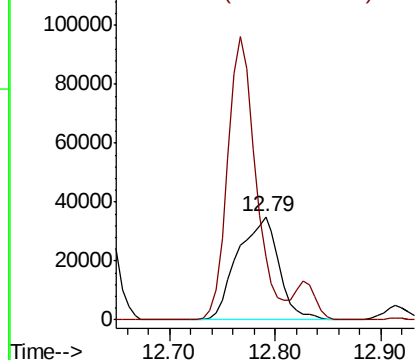
Ion Ratio Lower Upper

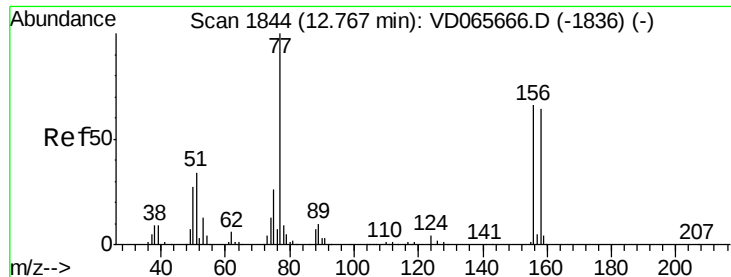
75 100

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: 43.304 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

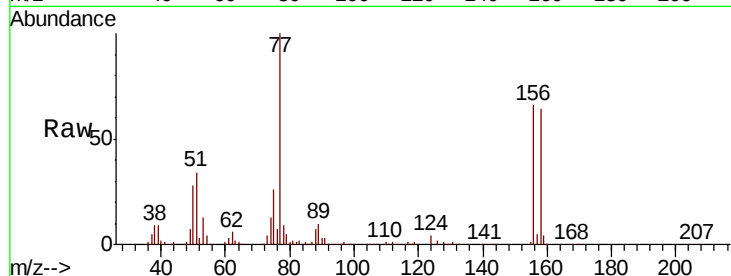
Tot Ion:156 Resp: 104964

Ion Ratio Lower Upper

156 100

77 171.5 85.8 257.3

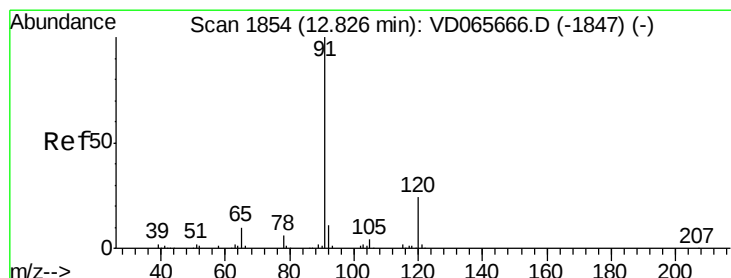
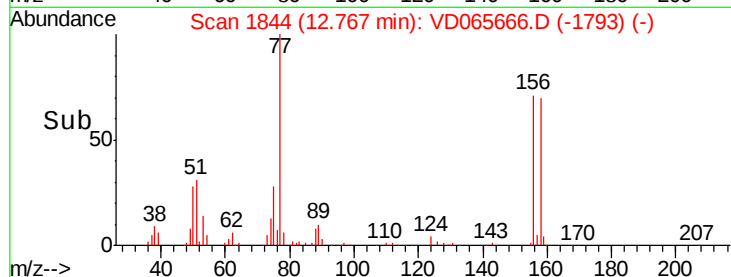
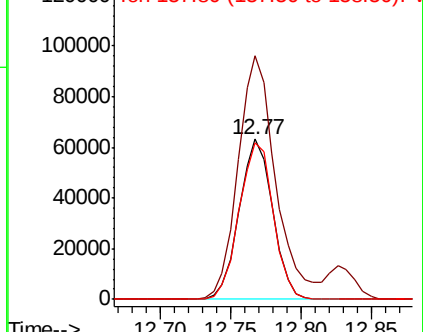
158 99.7 49.9 149.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.918 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065666.D

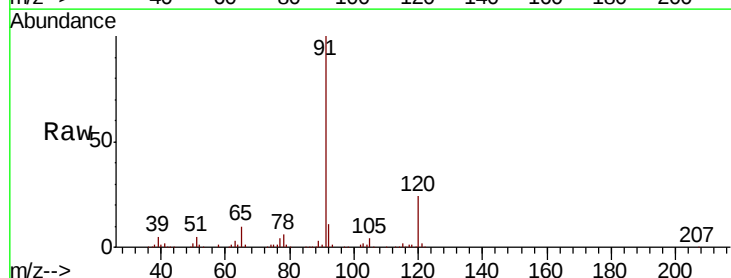
Acq: 22 Apr 2020 15:05

Tgt Ion: 91 Resp: 497759

Ion Ratio Lower Upper

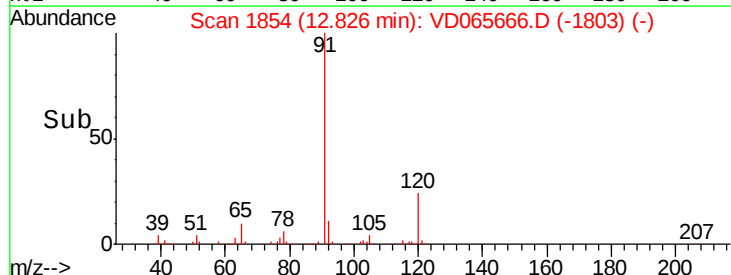
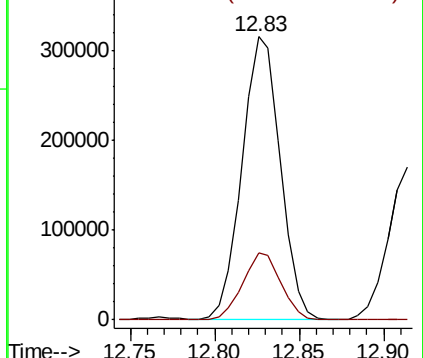
91 100

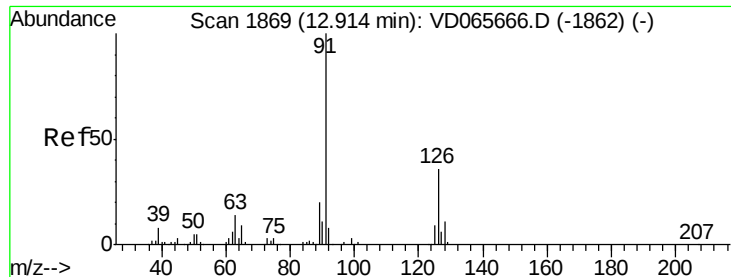
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

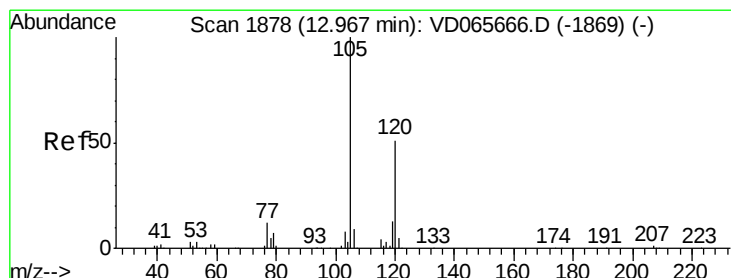
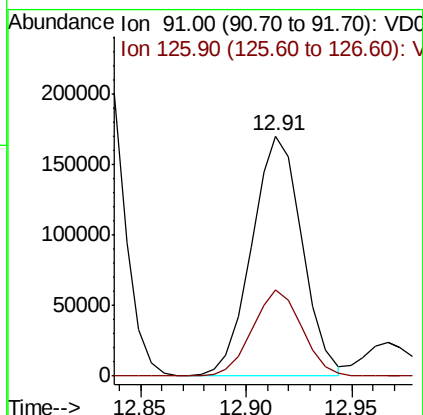
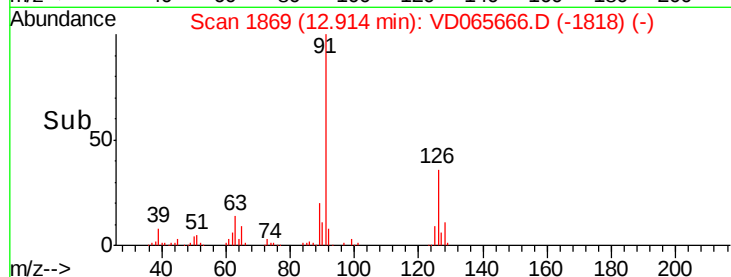
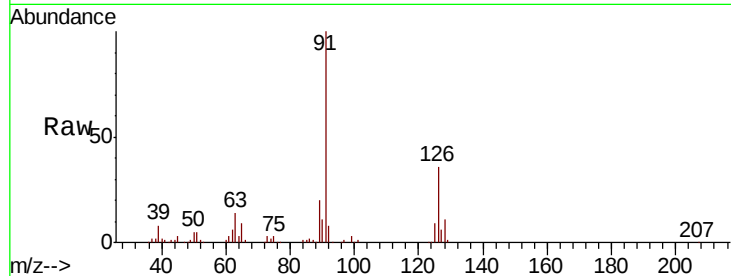




#79
 2-Chlorotoluene
 Concen: 44.486 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

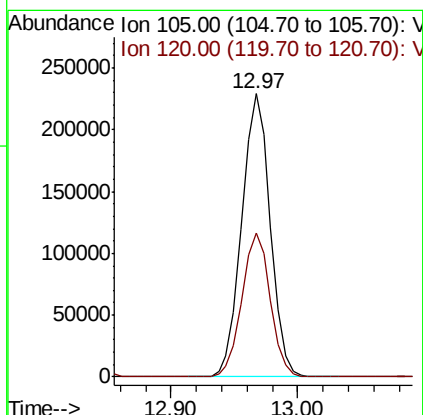
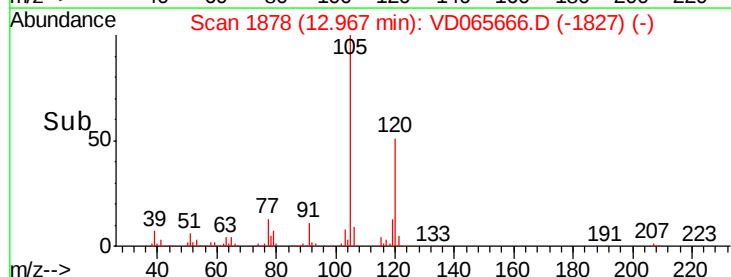
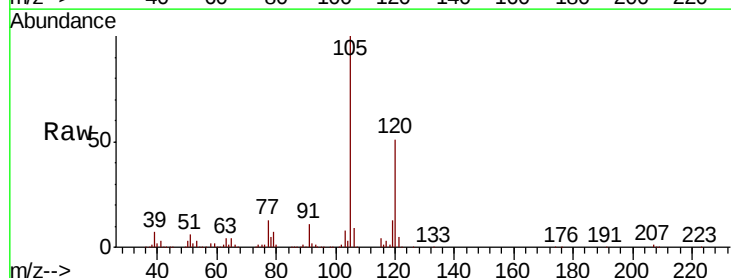
Instrument :
 MSVOA_D
 ClientSampleId :

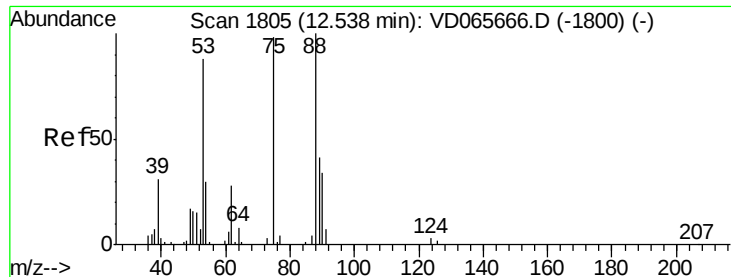
Tot Ion: 91 Resp: 280448
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 46.137 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion: 105 Resp: 356899
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.349 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

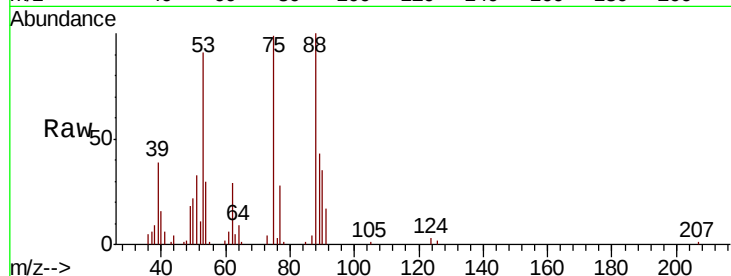
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 25715

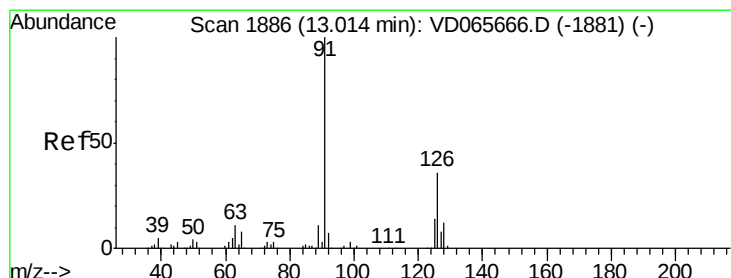
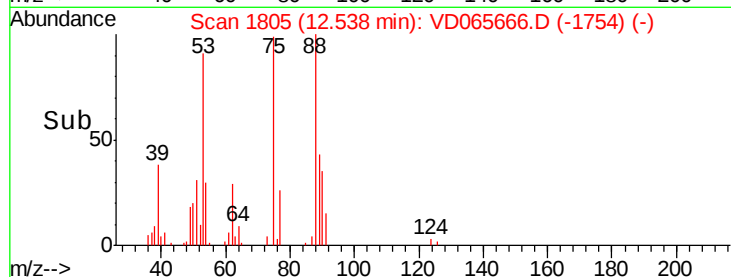
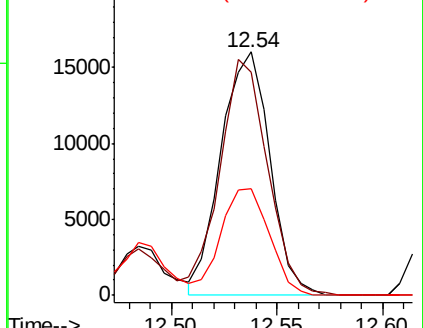
Ion	Ratio	Lower	Upper
75	100		
53	95.6	76.5	114.7
89	43.8	35.0	52.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 44.543 ug/l

RT: 13.01 min Scan# 1886

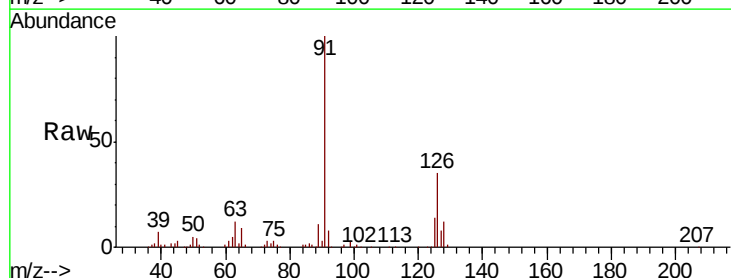
Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

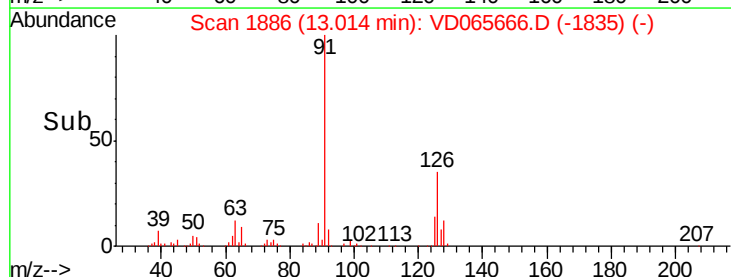
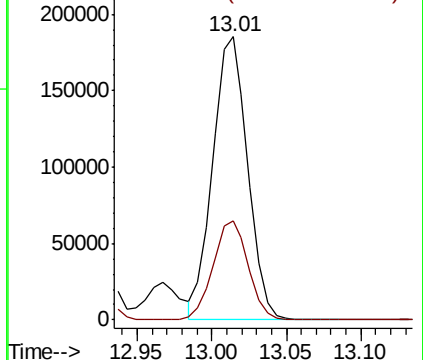
Tgt Ion: 91 Resp: 302328

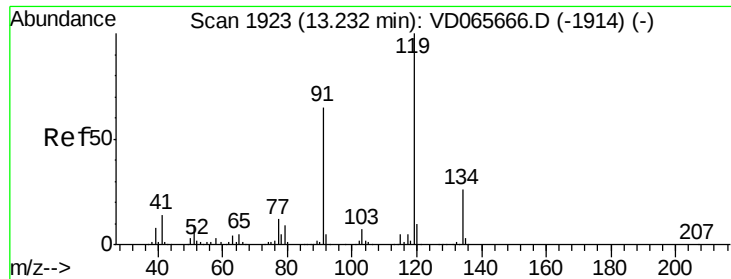
Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.7	53.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

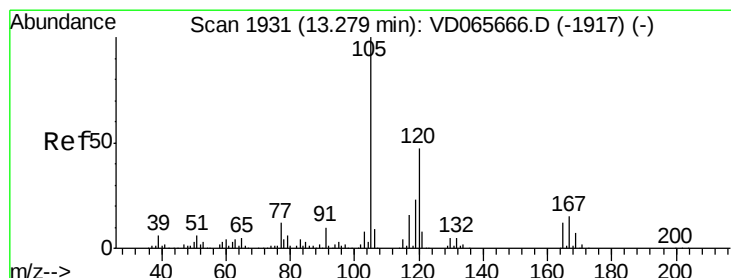
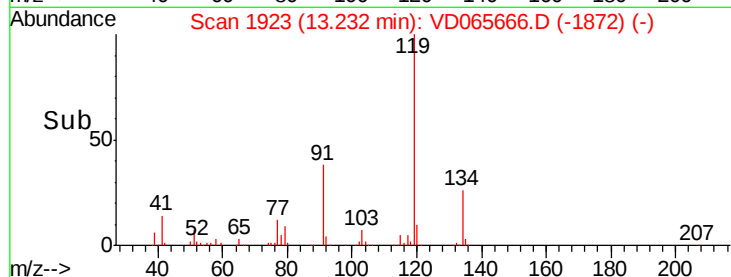
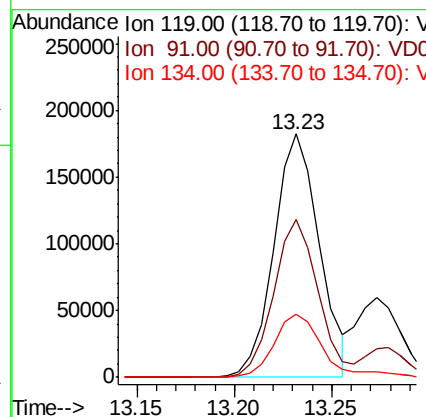
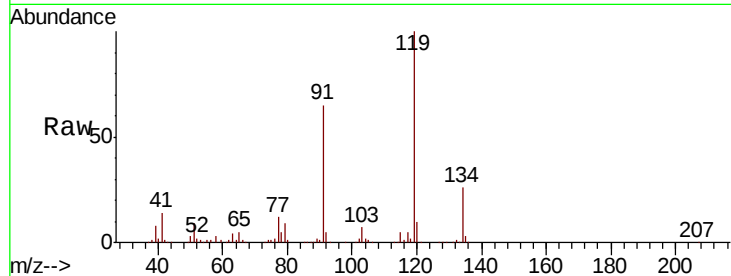




#83
tert-Butylbenzene
Concen: 45.300 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

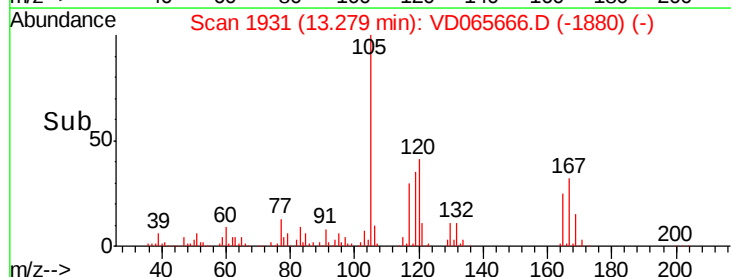
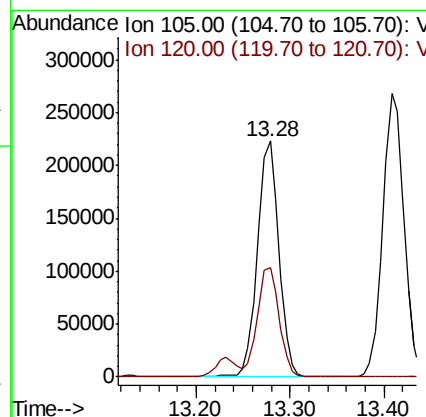
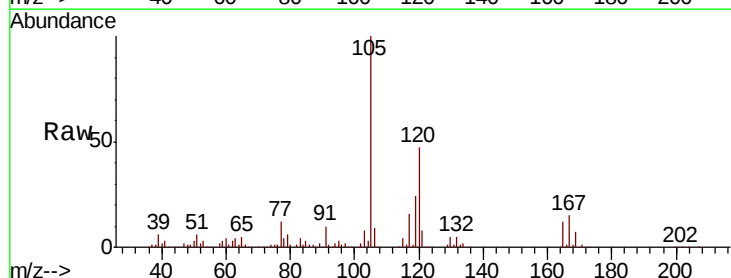
Instrument :
MSVOA_D
ClientSampleId :

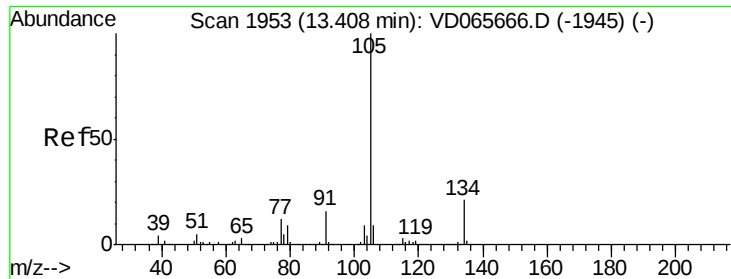
Tot Ion:119 Resp: 293534
Ion Ratio Lower Upper
119 100
91 63.8 31.9 95.7
134 28.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 45.820 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion:105 Resp: 353057
Ion Ratio Lower Upper
105 100
120 47.1 23.5 70.6





#85

sec-Butylbenzene

Concen: 45.072 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

Instrument :

MSVOA_D

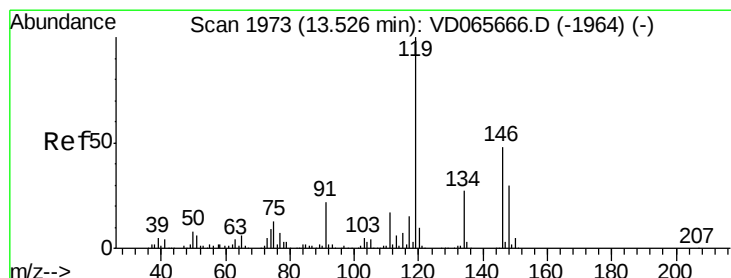
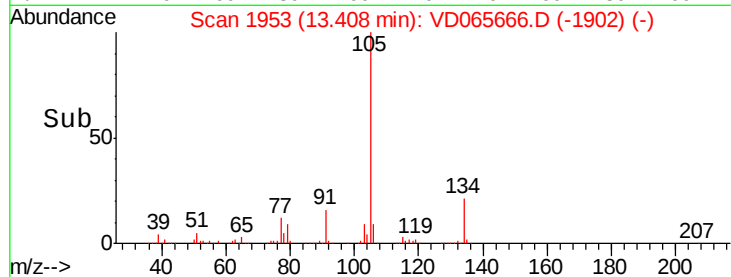
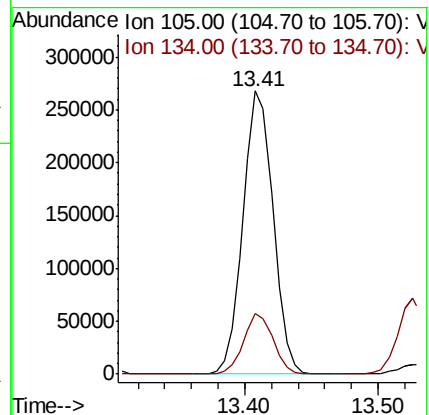
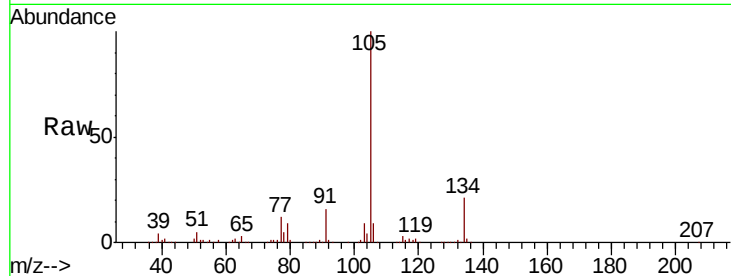
ClientSampleId :

Tot Ion:105 Resp: 418253

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



#86

p-Isopropyltoluene

Concen: 45.501 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065666.D

Acq: 22 Apr 2020 15:05

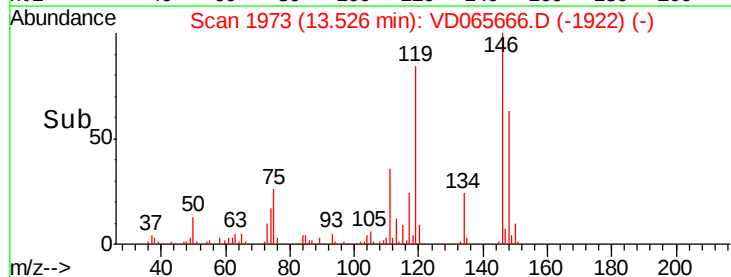
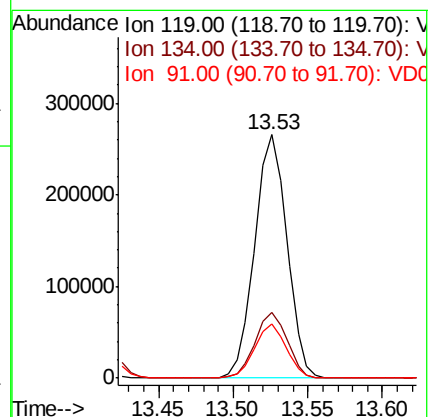
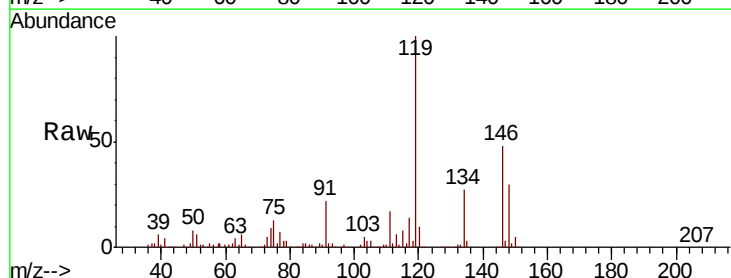
Tgt Ion:119 Resp: 396668

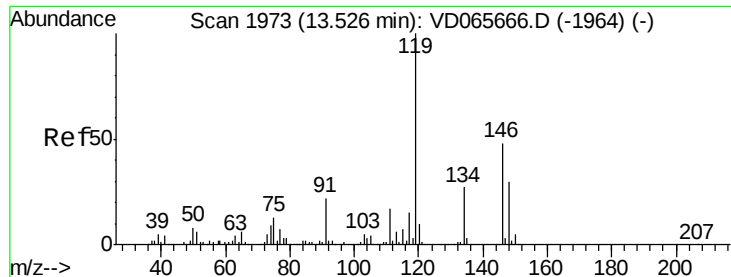
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 21.8 10.9 32.7

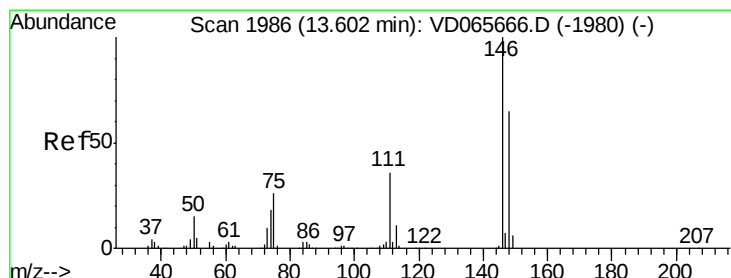
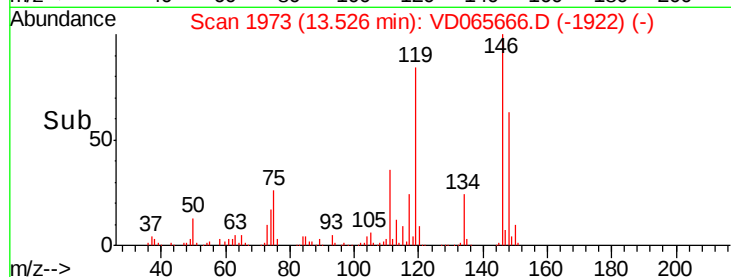
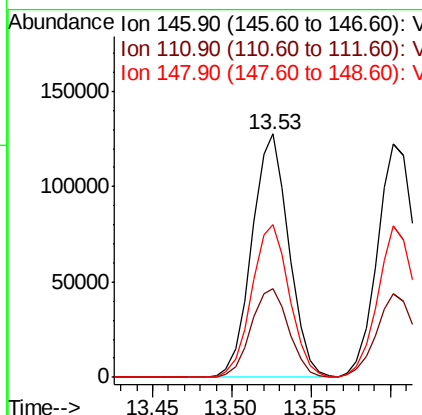
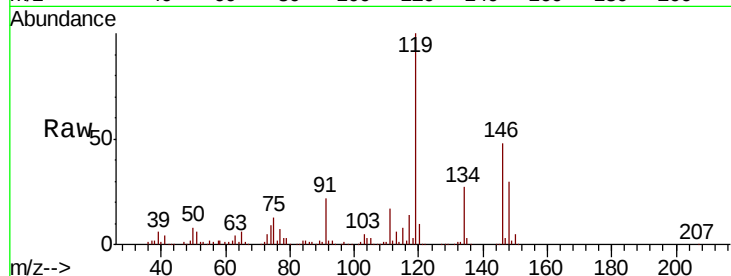




#87
 1,3-Dichlorobenzene
 Concen: 43.349 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

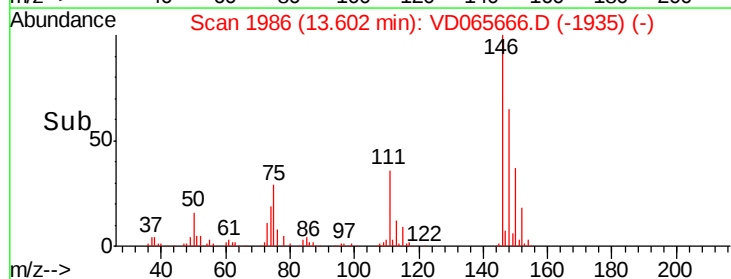
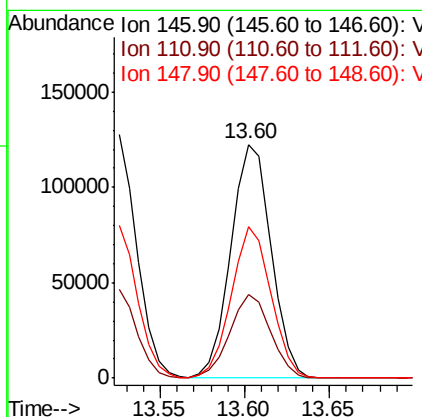
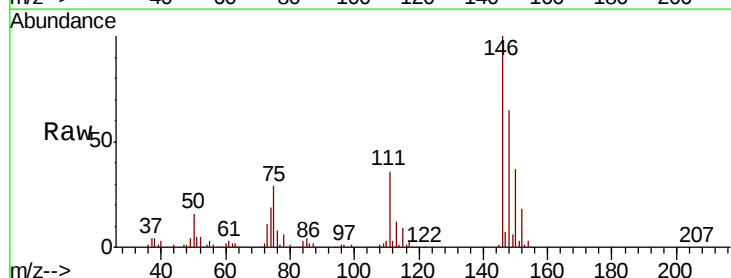
Instrument :
 MSVOA_D
 ClientSampleId :

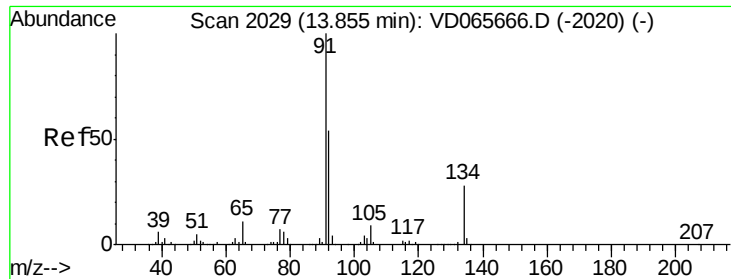
Tot Ion:146 Resp: 206699
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 42.958 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion:146 Resp: 203577
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.1
 148 63.7 31.9 95.5

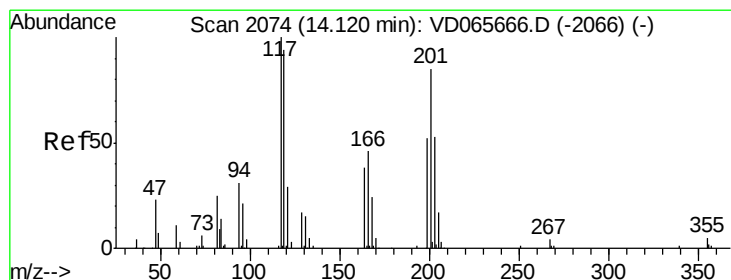
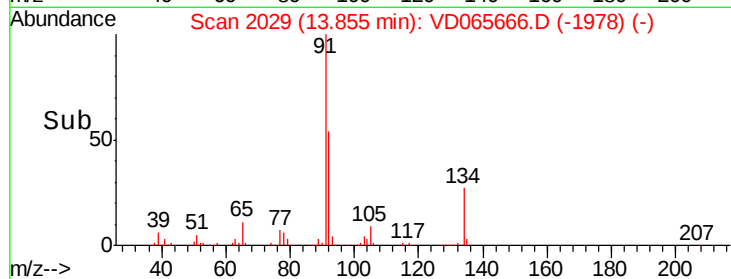
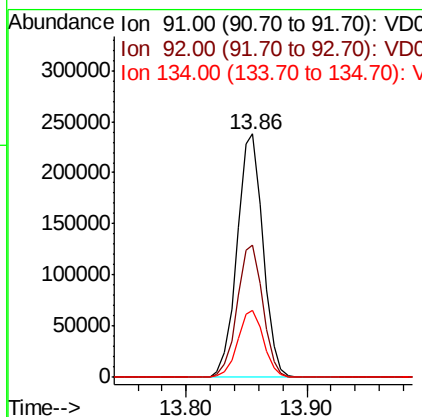
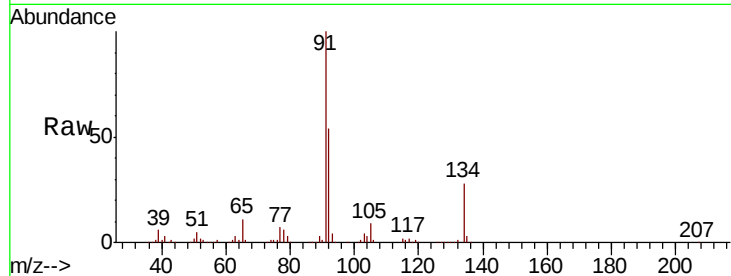




#89
n-Butylbenzene
Concen: 45.043 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

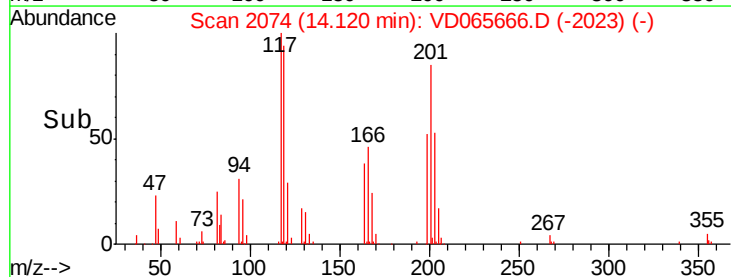
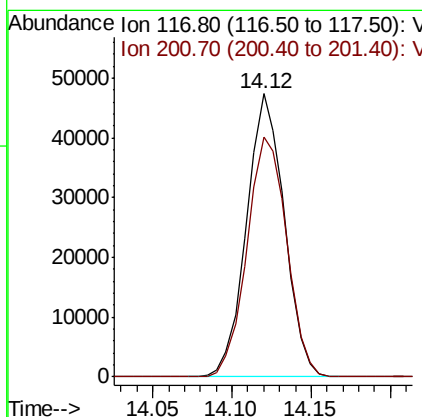
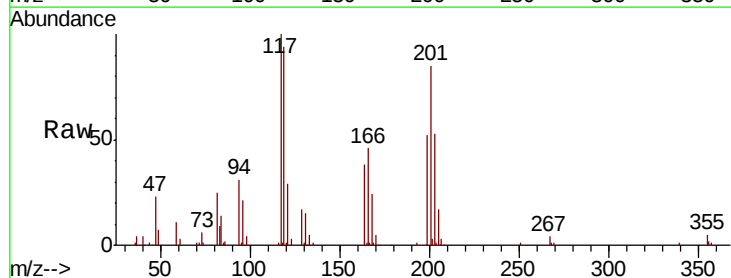
Instrument :
MSVOA_D
ClientSampleId :

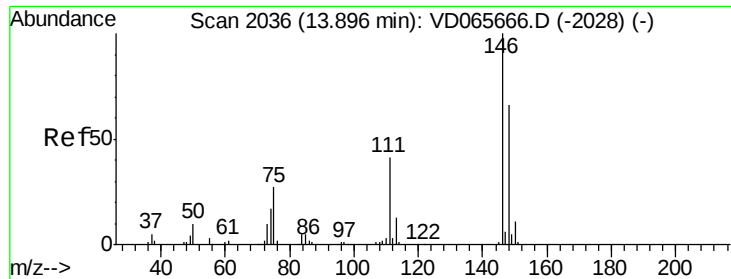
Tot Ion: 91 Resp: 355859
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 42.802 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion: 117 Resp: 78479
Ion Ratio Lower Upper
117 100
201 89.3 44.6 134.0

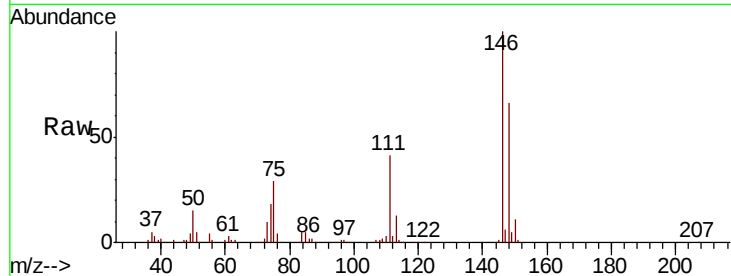




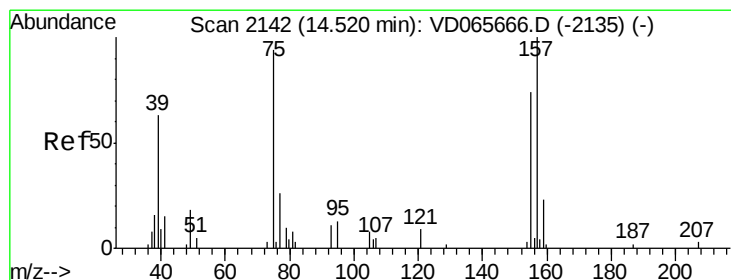
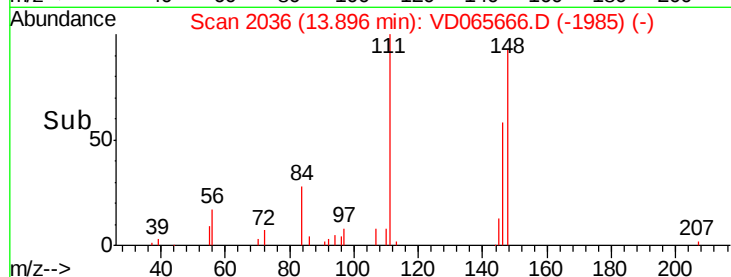
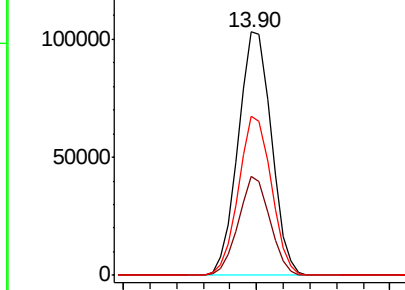
#91
 1,2-Dichlorobenzene
 Concen: 43.713 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:146 Resp: 178234
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.4 32.2 96.6

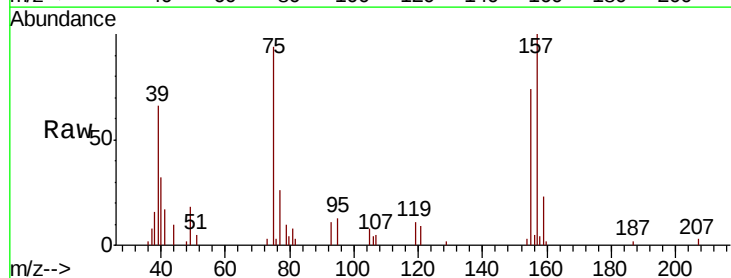


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

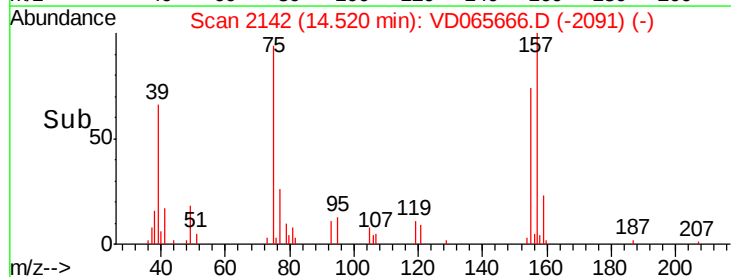
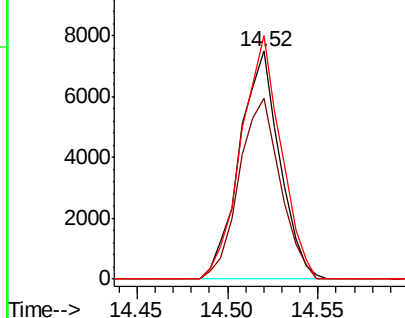


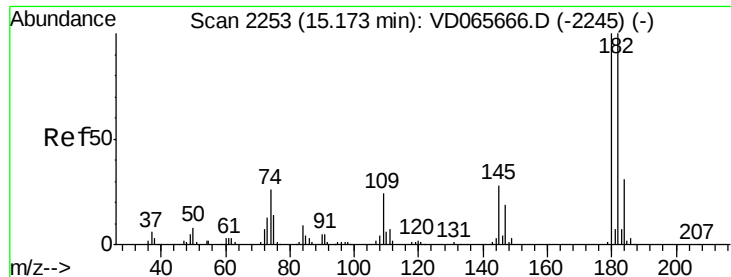
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.968 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion: 75 Resp: 11559
 Ion Ratio Lower Upper
 75 100
 155 81.3 40.6 122.0
 157 105.7 52.8 158.5



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

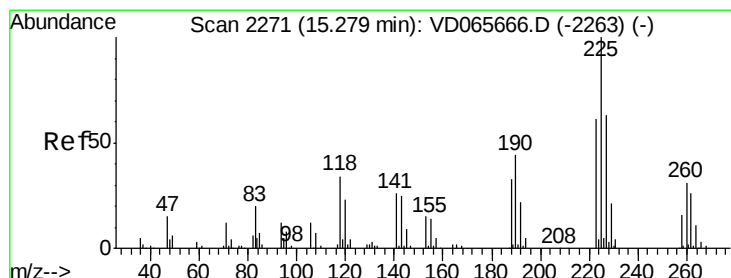
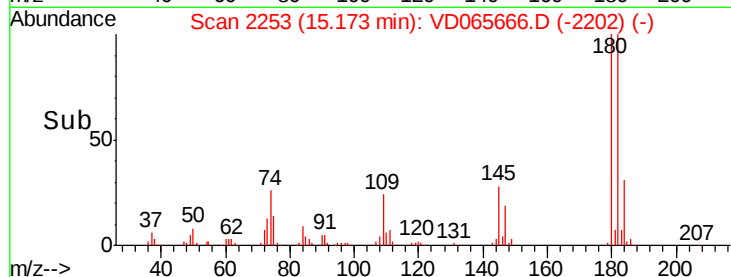
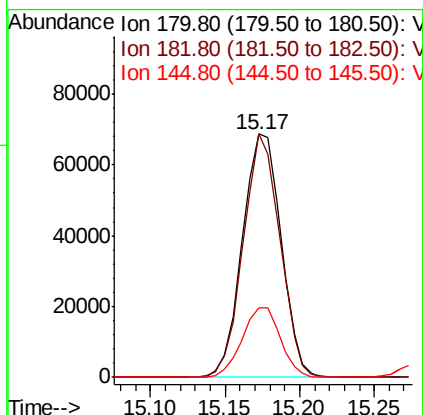
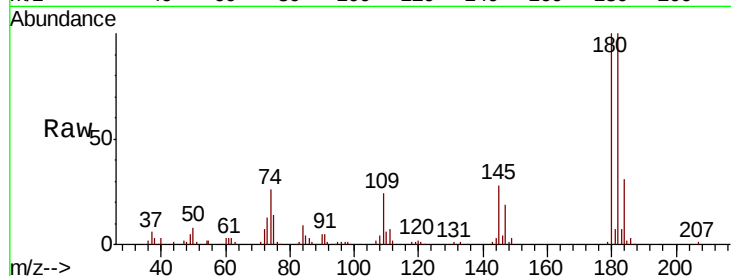




#93
 1,2,4-Trichlorobenzene
 Concen: 44.069 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

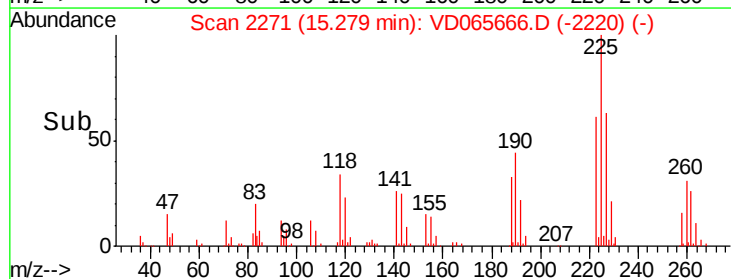
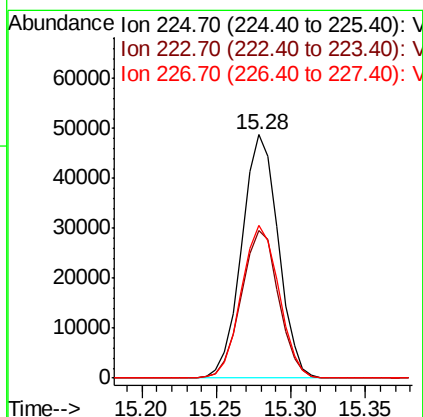
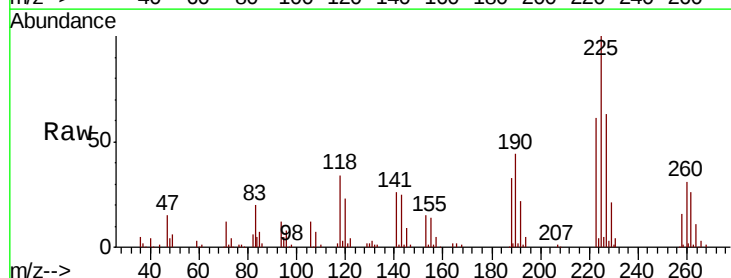
Instrument :
 MSVOA_D
 ClientSampleId :

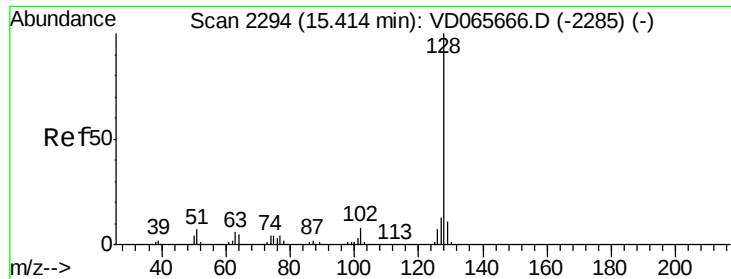
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 42.953 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065666.D
 Acq: 22 Apr 2020 15:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.8	92.4
227	64.3	32.1	96.5

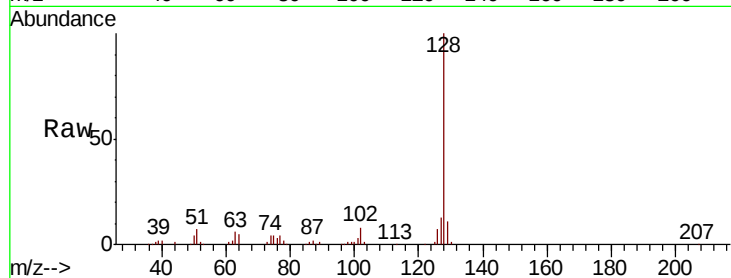




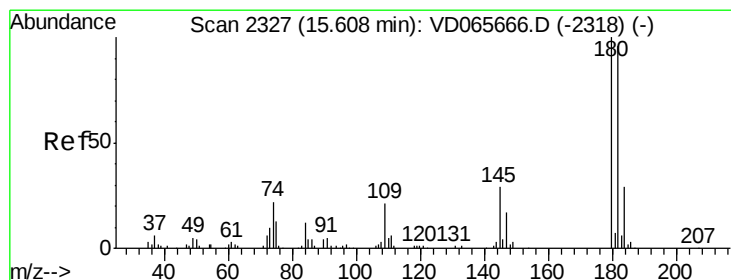
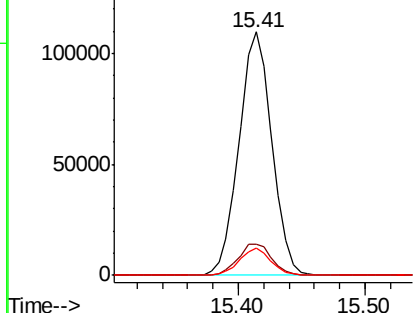
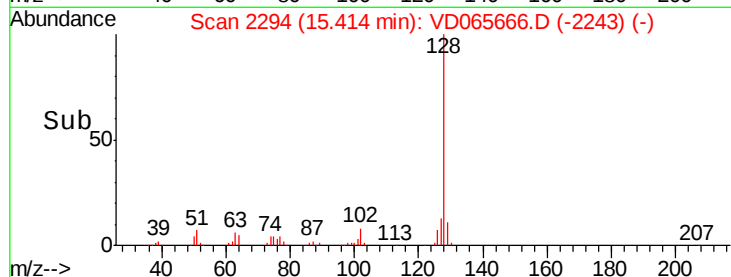
#95
Naphthalene
Concen: 48.081 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:128 Resp: 197113
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8

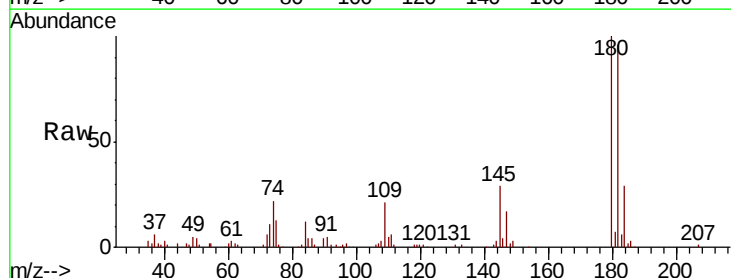


Abundance Ion 128.00 (127.70 to 128.70): V
150000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 45.271 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD065666.D
Acq: 22 Apr 2020 15:05

Tgt Ion:180 Resp: 111274
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 29.3 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): V
80000 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

