

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040920\
 Data File : VD065610.D
 Acq On : 09 Apr 2020 12:31
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 01:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	498958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	689532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	650393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	439224	93.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.16%	
35) Dibromofluoromethane	7.92	113	464734	96.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.94%	
50) Toluene-d8	10.34	98	1752240	99.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.22%	
62) 4-Bromofluorobenzene	12.64	95	579600	102.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	423751	94.182	ug/l	99
3) Chloromethane	2.21	50	497687	88.951	ug/l	100
4) Vinyl Chloride	2.35	62	478472	91.466	ug/l	97
5) Bromomethane	2.76	94	325904	88.337	ug/l	98
6) Chloroethane	2.92	64	294160	91.310	ug/l	100
7) Trichlorofluoromethane	3.27	101	714972	90.111	ug/l	95
8) Diethyl Ether	3.70	74	150690	91.922	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	467815	90.194	ug/l	98
10) Methyl Iodide	4.30	142	595723	116.717	ug/l	99
11) Tert butyl alcohol	5.26	59	131219	545.934	ug/l	99
12) 1,1-Dichloroethene	4.06	96	448723	93.801	ug/l	97
13) Acrolein	3.93	56	159612	482.686	ug/l	100
14) Allyl chloride	4.71	41	721465	101.670	ug/l	99
15) Acrylonitrile	5.43	53	507068	524.525	ug/l	100
16) Acetone	4.17	43	401987	471.748	ug/l	95
17) Carbon Disulfide	4.40	76	1473566	92.577	ug/l	99
18) Methyl Acetate	4.72	43	250921	100.322	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	1024232	110.751	ug/l	100
20) Methylene Chloride	4.96	84	490585	87.093	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	531834	97.955	ug/l	93
22) Diisopropyl ether	6.37	45	1442908	105.785	ug/l	99
23) Vinyl Acetate	6.31	43	4174956	595.666	ug/l	99
24) 1,1-Dichloroethane	6.27	63	861371	94.921	ug/l	98
25) 2-Butanone	7.22	43	621424	532.799	ug/l	98
26) 2,2-Dichloropropane	7.21	77	750492	92.413	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	566459	101.942	ug/l	100
28) Bromochloromethane	7.55	49	341506	93.764	ug/l	99
29) Tetrahydrofuran	7.57	42	411450	561.379	ug/l	99
30) Chloroform	7.71	83	888942	93.554	ug/l	98
31) Cyclohexane	7.98	56	796834	94.658	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	801155	93.298	ug/l	99
36) 1,1-Dichloropropene	8.11	75	702021	98.890	ug/l	99
37) Ethyl Acetate	7.30	43	286061	108.528	ug/l	99
38) Carbon Tetrachloride	8.10	117	738864	95.853	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	890349	110.793	ug/l	98
40) Benzene	8.36	78	2020730	99.629	ug/l	99
41) Methacrylonitrile	7.57	41	397772	258.171	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	555753	98.098	ug/l	99
43) Isopropyl Acetate	8.46	43	536574	111.577	ug/l	99
44) Trichloroethene	9.12	130	571162	97.980	ug/l	95
45) 1,2-Dichloropropane	9.39	63	495083	100.243	ug/l	99
46) Dibromomethane	9.48	93	266746	100.481	ug/l	98
47) Bromodichloromethane	9.67	83	686671	98.639	ug/l	99
48) Methyl methacrylate	9.46	41	258785	116.026	ug/l	97
49) 1,4-Dioxane	9.47	88	62491	2222.689	ug/l	97
51) 4-Methyl-2-Pentanone	10.24	43	1417839	572.110	ug/l	100
52) Toluene	10.41	92	1321615	103.056	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	671580	108.690	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	802250	106.042	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	367775	98.722	ug/l	96
56) Ethyl methacrylate	10.67	69	463857	123.456	ug/l	99
57) 1,3-Dichloropropane	10.95	76	634545	102.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	1147397	581.511	ug/l	99
59) 2-Hexanone	10.99	43	970129	589.024	ug/l	97
60) Dibromochloromethane	11.15	129	499455	100.666	ug/l	98
61) 1,2-Dibromoethane	11.25	107	359360	101.478	ug/l	98
64) Tetrachloroethene	10.88	164	492155	95.134	ug/l	98
65) Chlorobenzene	11.68	112	1387386	98.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	537689	100.206	ug/l	99
67) Ethyl Benzene	11.75	91	2489018	107.011	ug/l	99
68) m/p-Xylenes	11.86	106	1947886	212.270	ug/l	100
69) o-Xylene	12.19	106	876865	110.892	ug/l	99
70) Styrene	12.20	104	1564246	111.893	ug/l	100
71) Bromoform	12.37	173	301830	100.296	ug/l #	99
73) Isopropylbenzene	12.49	105	2347242	109.657	ug/l	100
74) N-amyl acetate	12.30	43	505569	119.262	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	389293	98.936	ug/l	99
76) 1,2,3-Trichloropropane	12.80	75	519246	115.039	ug/l #	100
77) Bromobenzene	12.77	156	592214	100.918	ug/l	98
78) n-propylbenzene	12.83	91	2769283	107.198	ug/l	99
79) 2-Chlorotoluene	12.92	91	1530729	103.390	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	1958444	108.555	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	135744	116.701	ug/l	99
82) 4-Chlorotoluene	13.01	91	1623773	101.896	ug/l	99
83) tert-Butylbenzene	13.23	119	1705125	113.030	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	1957305	109.175	ug/l	99
85) sec-Butylbenzene	13.41	105	2331457	108.612	ug/l	99
86) p-Isopropyltoluene	13.53	119	2193639	110.738	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	1132040	100.035	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	1090893	96.514	ug/l	99
89) n-Butylbenzene	13.85	91	1975316	110.493	ug/l	100
90) Hexachloroethane	14.13	117	423551	98.014	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	958944	99.606	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	59703	98.366	ug/l	96

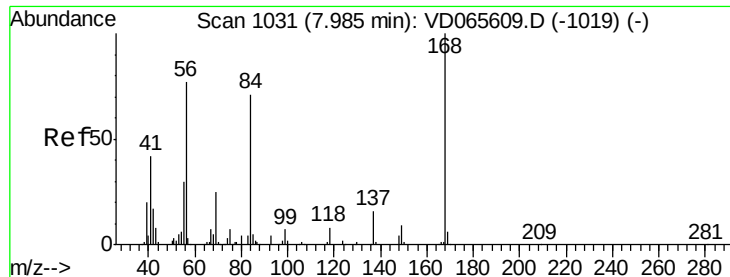
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:11:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	688987	108.951	ug/l	98
94) Hexachlorobutadiene	15.28	225	431209	98.100	ug/l	98
95) Naphthalene	15.42	128	1155159	126.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	600294	109.664	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

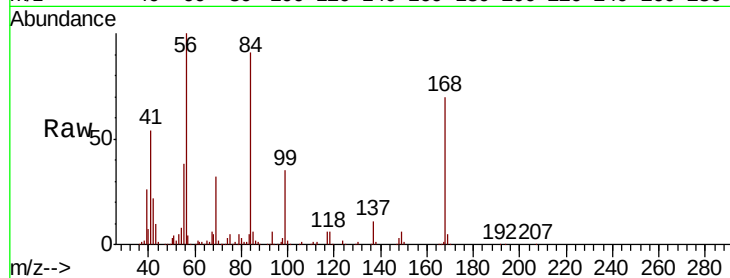
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 498958

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

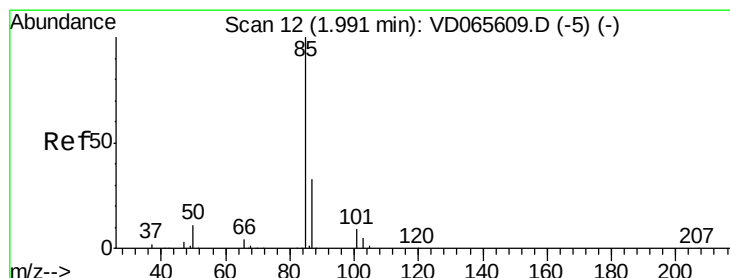
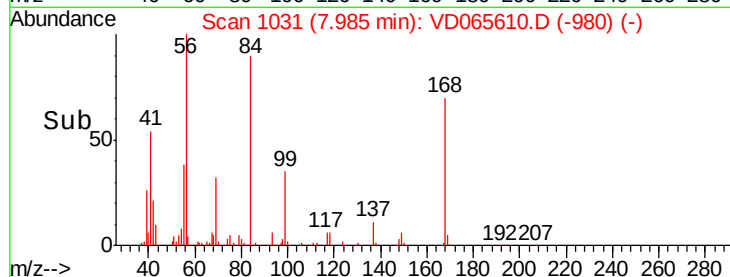
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 94.182 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065610.D

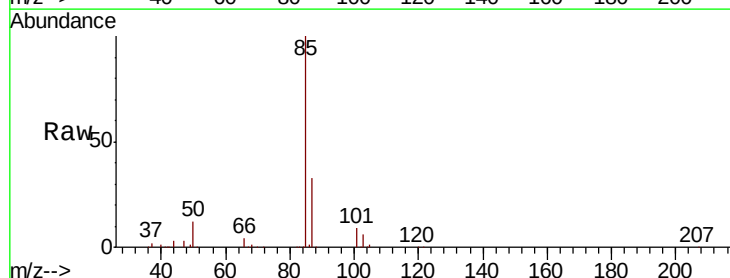
Acq: 09 Apr 2020 12:31

Tgt Ion: 85 Resp: 423751

Ion Ratio Lower Upper

85 100

87 32.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

300000

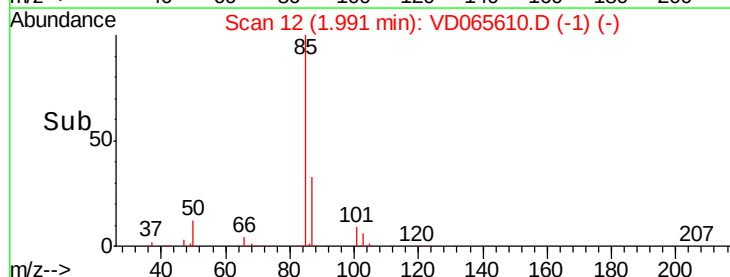
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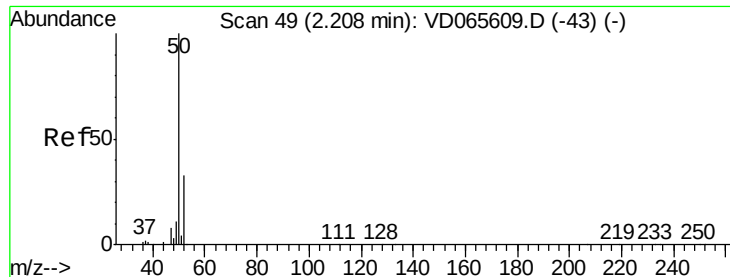
100000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 88.951 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

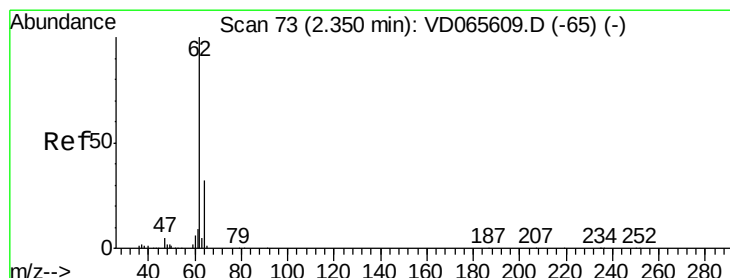
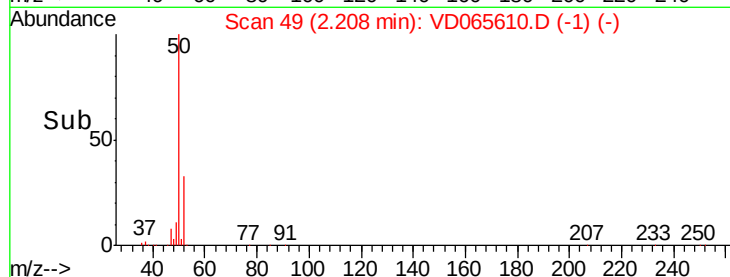
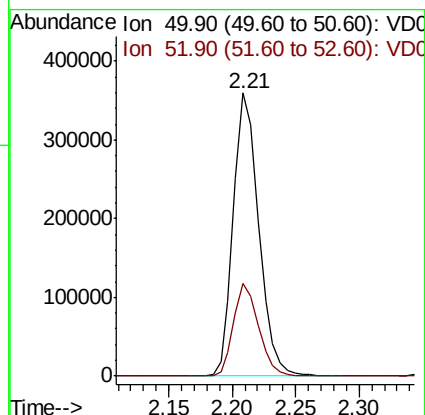
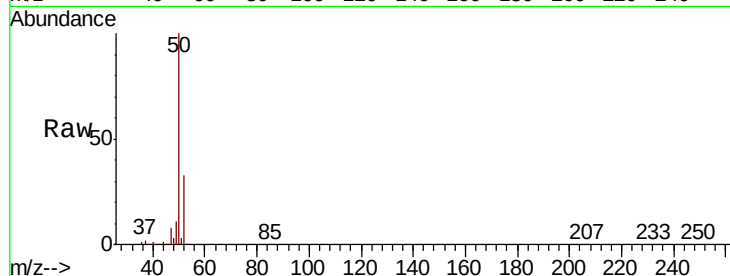
ClientSampleId :

Tot Ion: 50 Resp: 497687

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.4



#4

Vinyl Chloride

Concen: 91.466 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065610.D

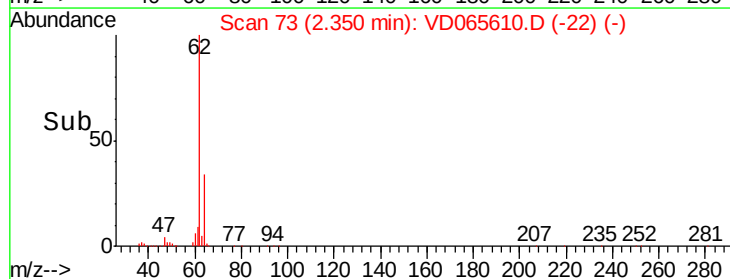
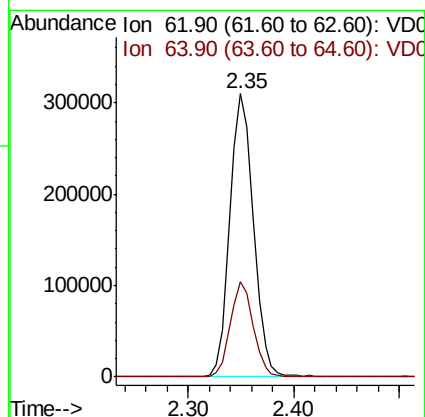
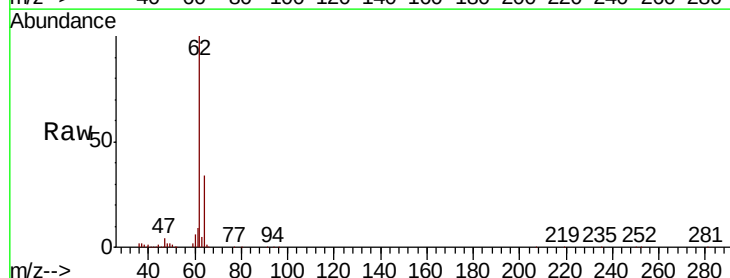
Acq: 09 Apr 2020 12:31

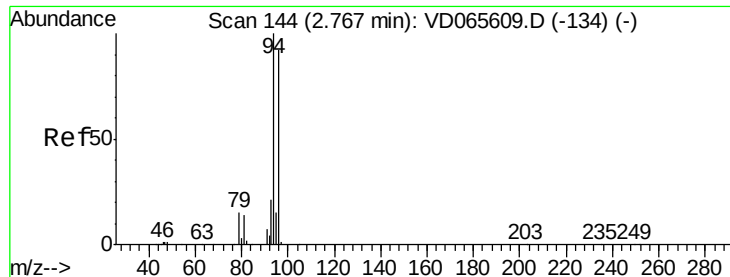
Tgt Ion: 62 Resp: 478472

Ion Ratio Lower Upper

62 100

64 33.9 25.8 38.6





#5

Bromomethane

Concen: 88.337 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

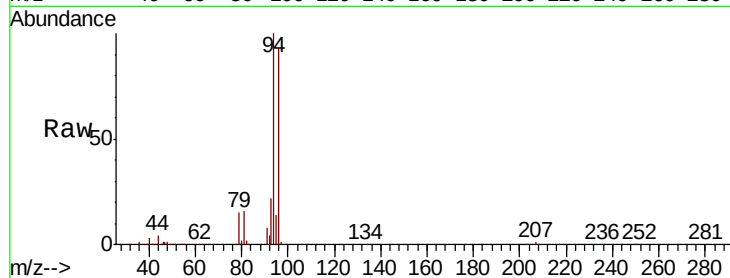
ClientSampleId :

Tot Ion: 94 Resp: 325904

Ion Ratio Lower Upper

94 100

96 93.2 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

150000

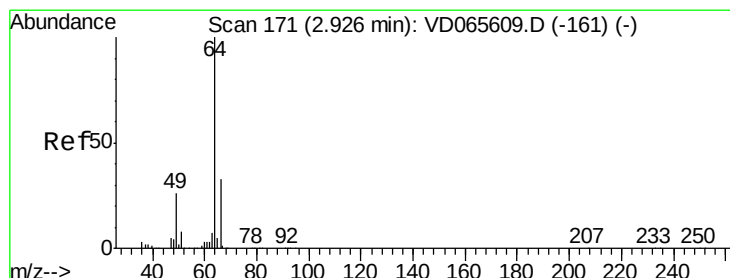
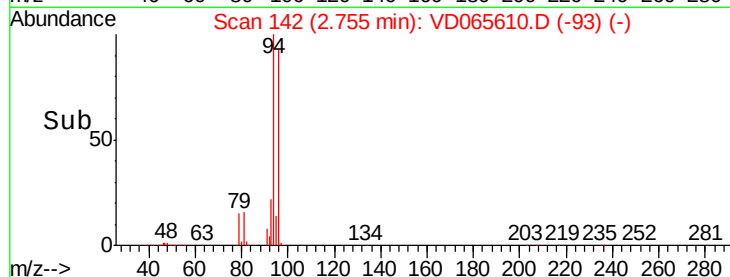
100000

50000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 91.310 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065610.D

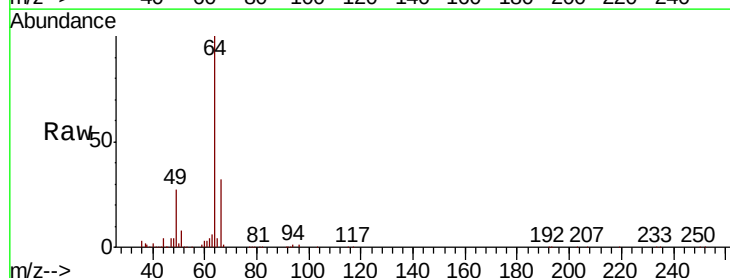
Acq: 09 Apr 2020 12:31

Tgt Ion: 64 Resp: 294160

Ion Ratio Lower Upper

64 100

66 32.4 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

150000

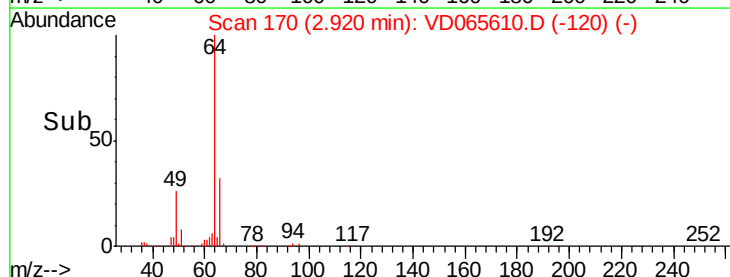
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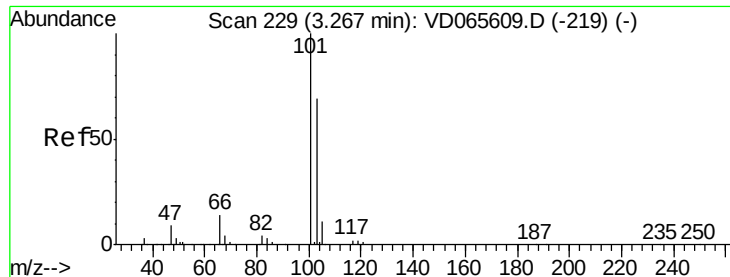
50000

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Time-->

2.80 2.90 3.00



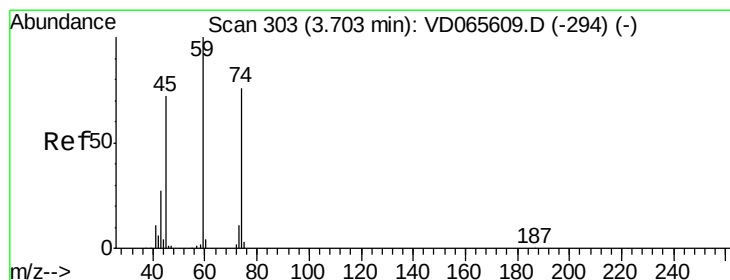
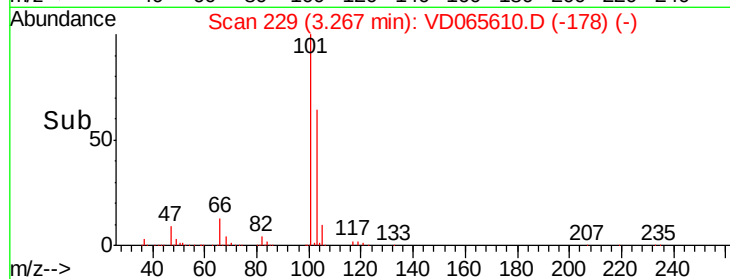
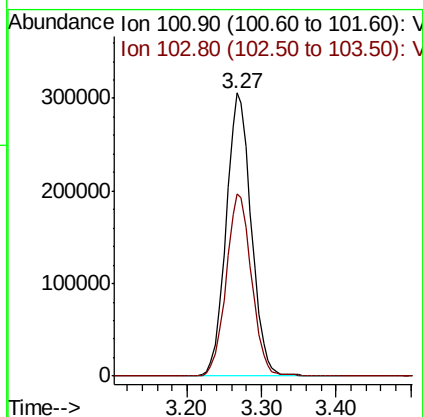
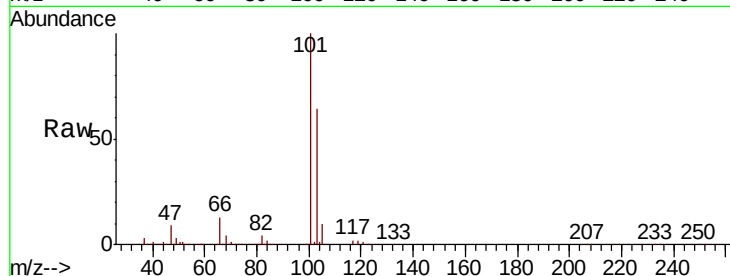


#7

Trichlorofluoromethane
 Concen: 90.111 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Instrument :
 MSVOA_D
 ClientSampleId :

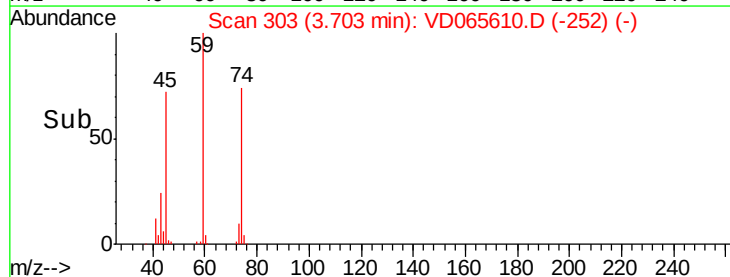
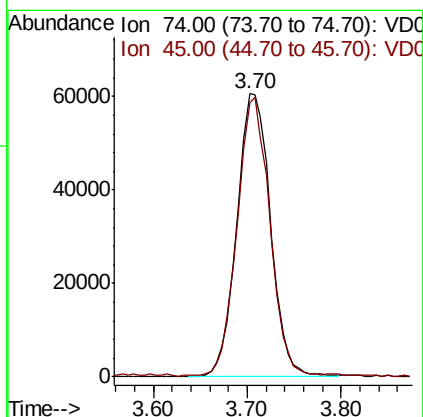
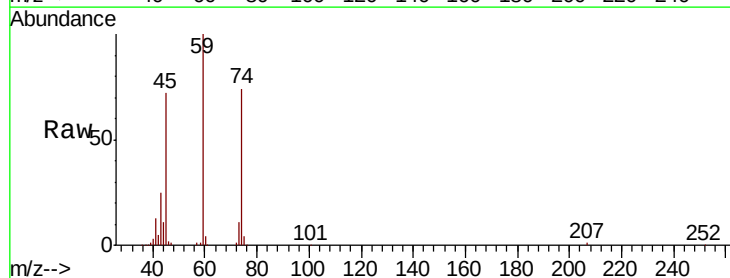
Tot Ion:101 Resp: 714972
 Ion Ratio Lower Upper
 101 100
 103 64.4 55.0 82.4

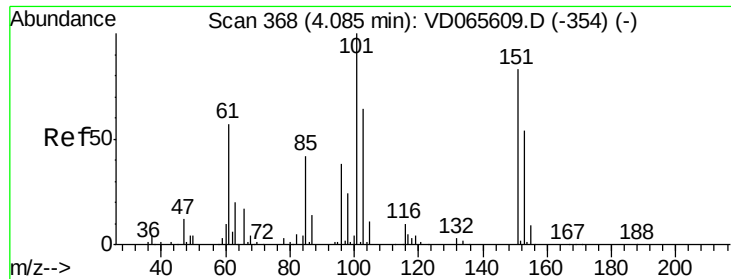


#8

Diethyl Ether
 Concen: 91.922 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion: 74 Resp: 150690
 Ion Ratio Lower Upper
 74 100
 45 94.6 47.8 143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 90.194 ug/l

RT: 4.08 min Scan# 368

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

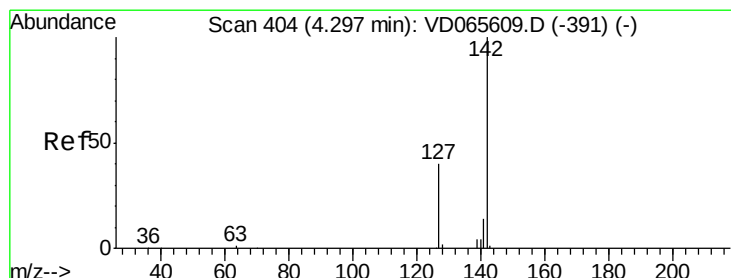
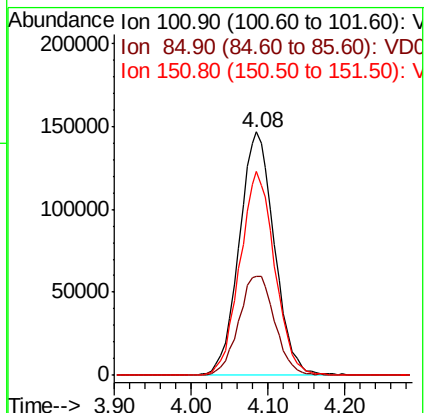
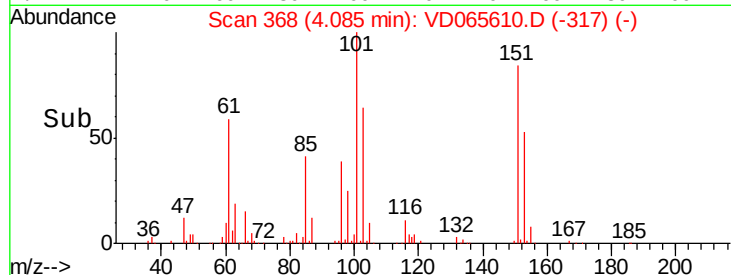
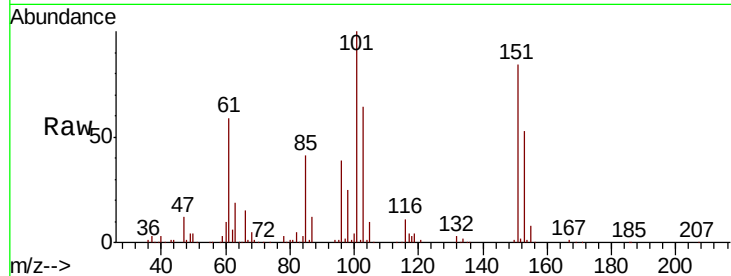
Tot Ion:101 Resp: 467815

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.6

151 83.3 65.0 97.4



#10

Methyl Iodide

Concen: 116.717 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

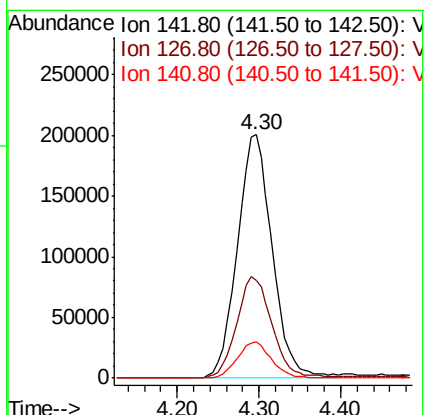
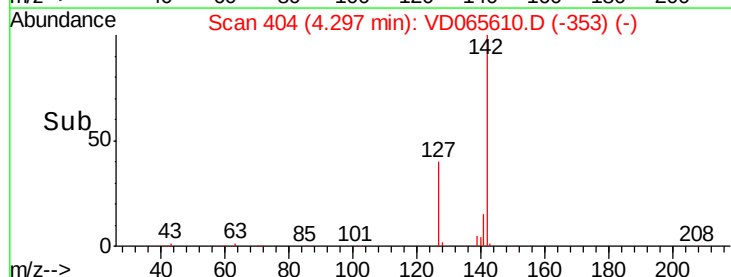
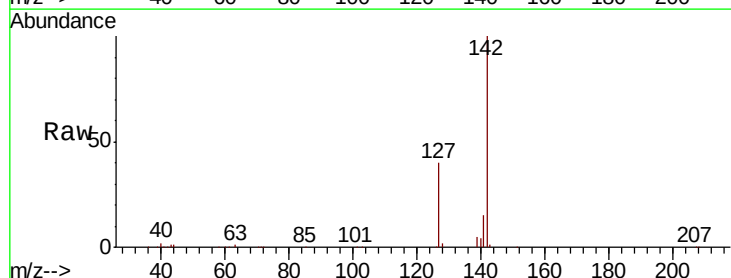
Tgt Ion:142 Resp: 595723

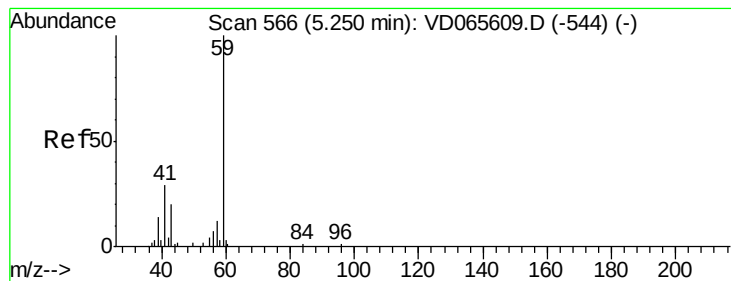
Ion Ratio Lower Upper

142 100

127 42.1 34.6 51.8

141 14.5 11.7 17.5



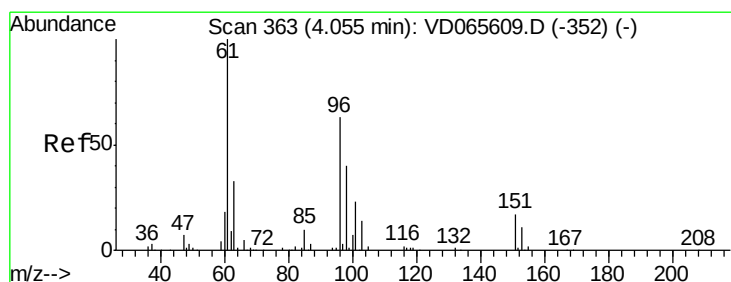
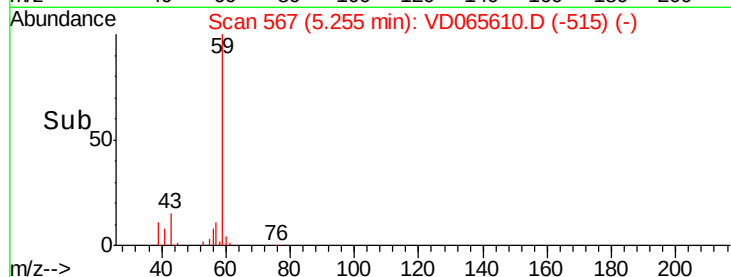
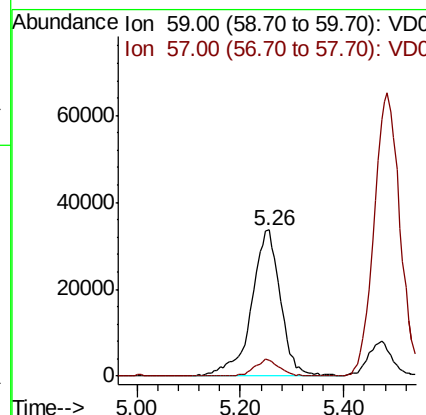
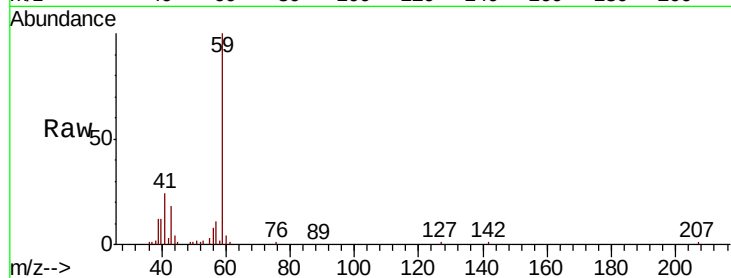


#11

Tert butyl alcohol
Concen: 545.934 ug/l
RT: 5.26 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Instrument :
MSVOA_D
ClientSampleId :

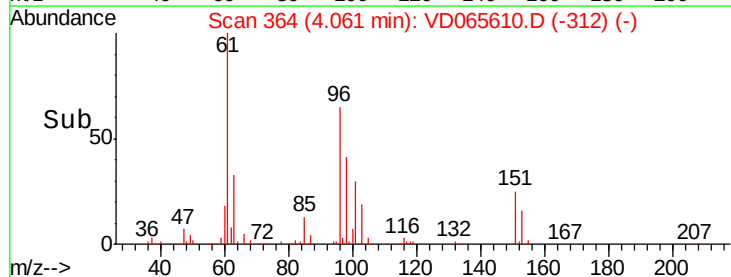
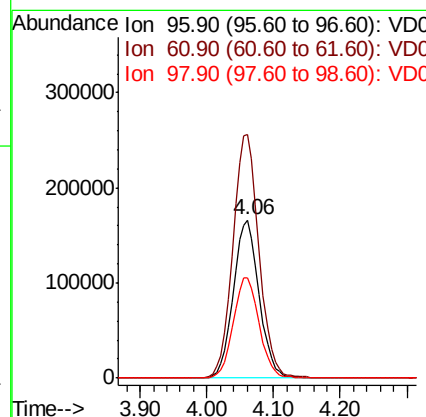
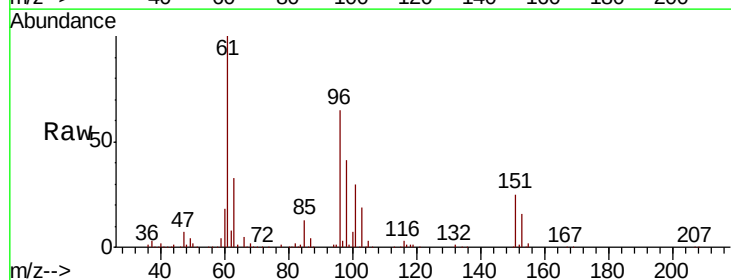
Tot Ion: 59 Resp: 131219
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1

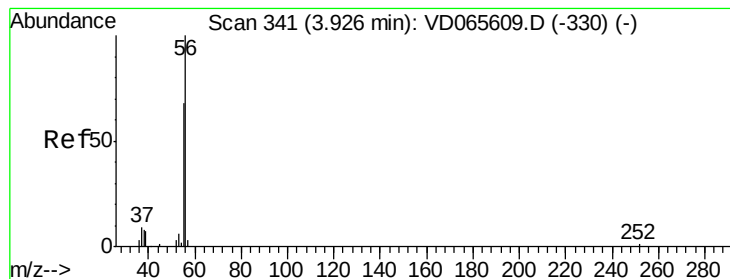


#12

1,1-Dichloroethene
Concen: 93.801 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion: 96 Resp: 448723
Ion Ratio Lower Upper
96 100
61 154.0 126.6 190.0
98 63.5 50.2 75.4





#13

Acrolein

Concen: 482.686 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

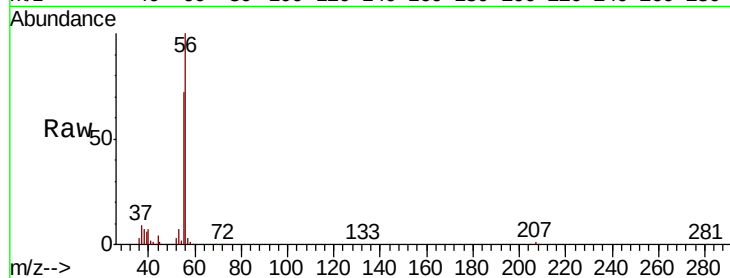
ClientSampleId :

Tot Ion: 56 Resp: 159612

Ion Ratio Lower Upper

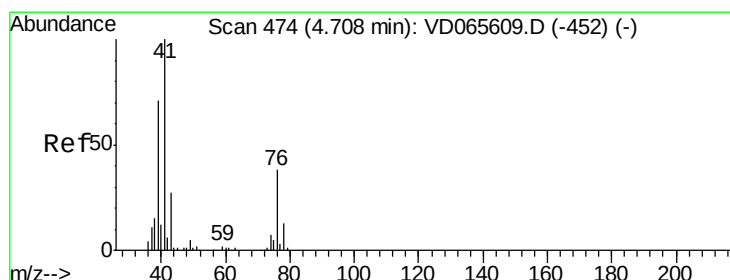
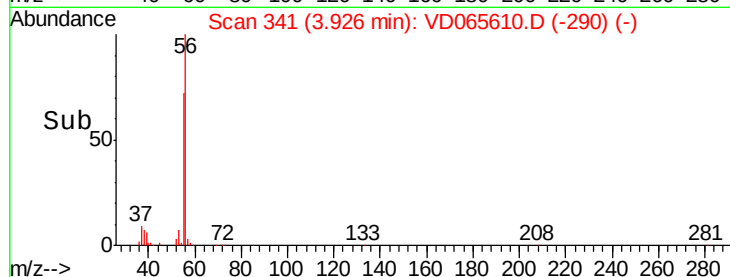
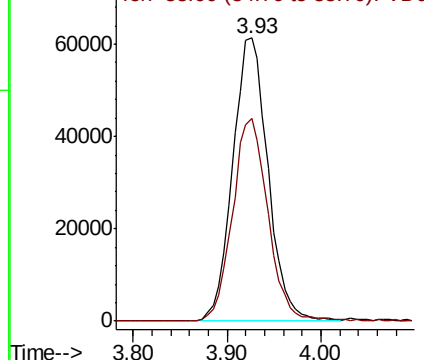
56 100

55 72.0 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 101.670 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

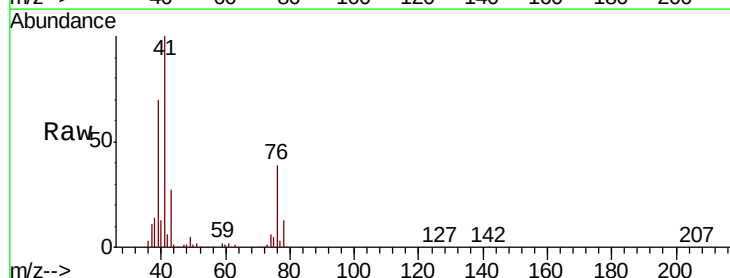
Tgt Ion: 41 Resp: 721465

Ion Ratio Lower Upper

41 100

39 66.8 54.2 81.2

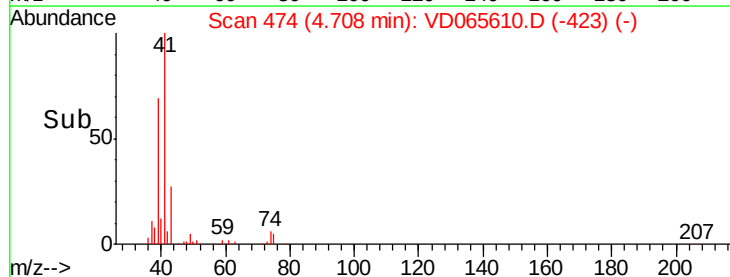
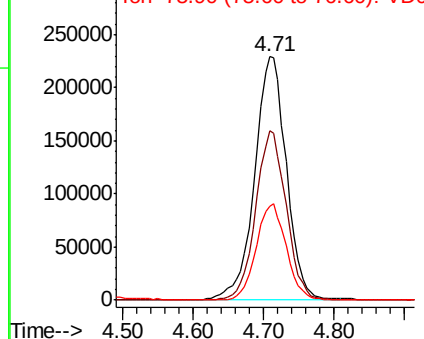
76 37.2 29.7 44.5

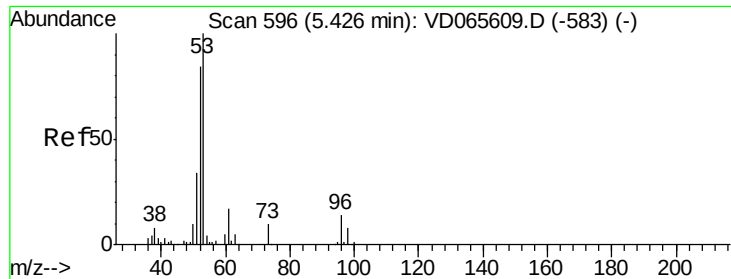


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 524.525 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

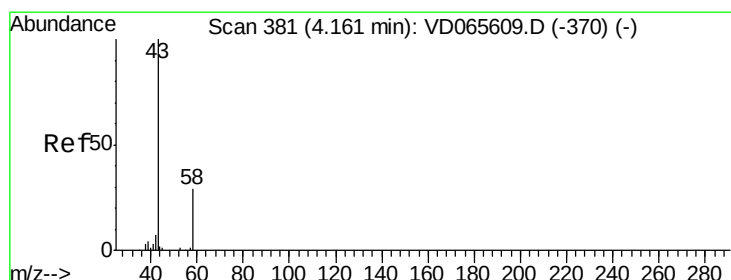
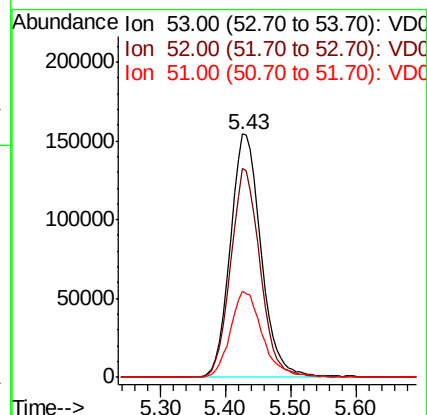
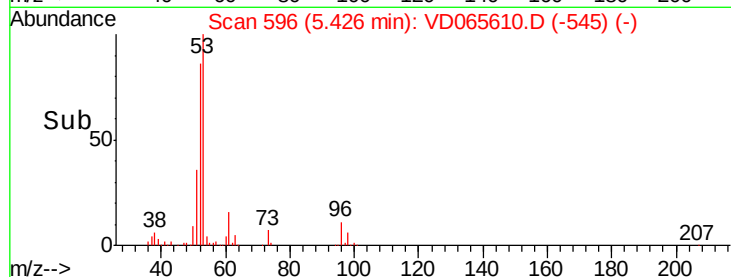
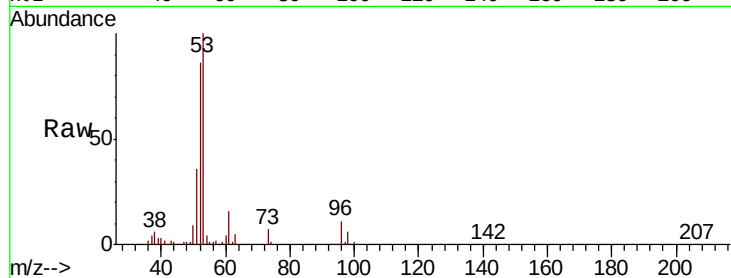
Tot Ion: 53 Resp: 507068

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

51 36.9 29.5 44.3



#16

Acetone

Concen: 471.748 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065610.D

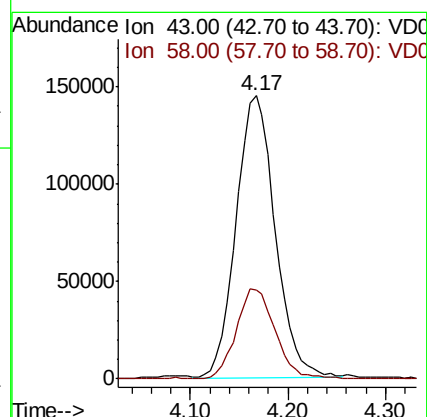
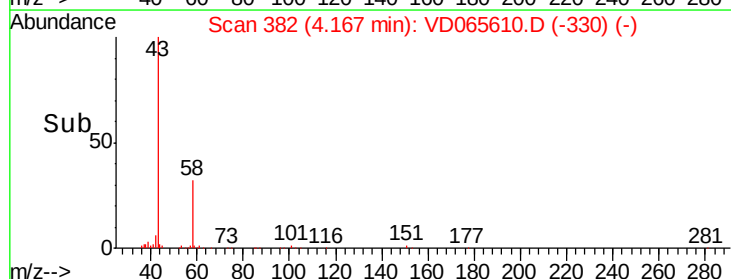
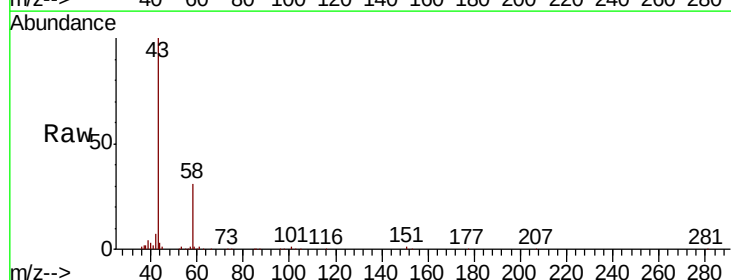
Acq: 09 Apr 2020 12:31

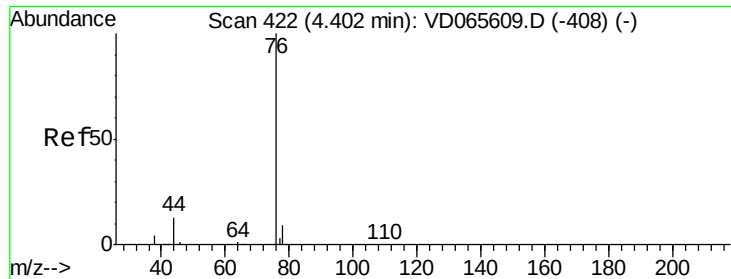
Tgt Ion: 43 Resp: 401987

Ion Ratio Lower Upper

43 100

58 31.5 23.2 34.8





#17

Carbon Disulfide

Concen: 92.577 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

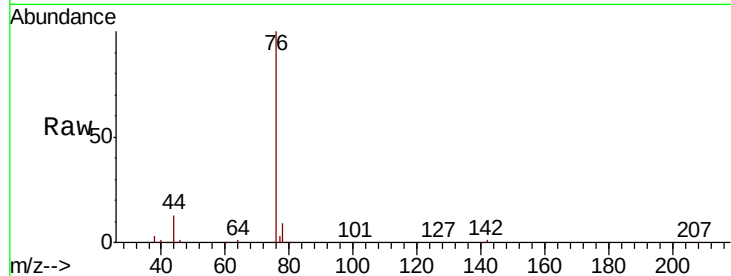
ClientSampled :

Tot Ion: 76 Resp: 1473566

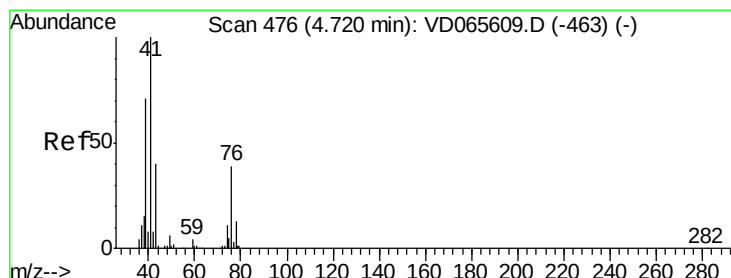
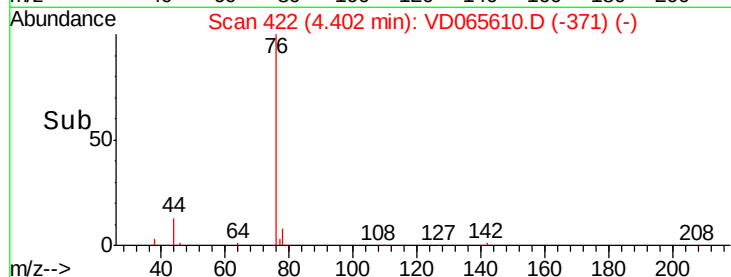
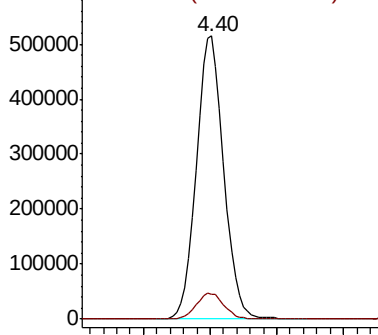
Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 100.322 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD065610.D

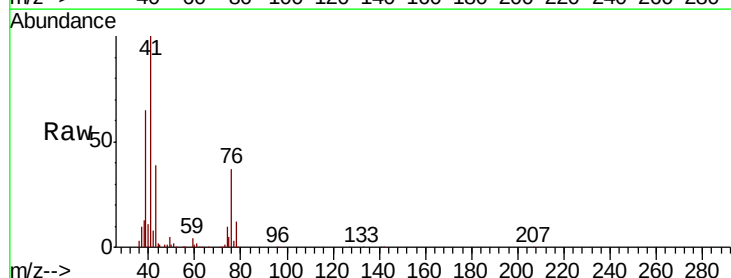
Acq: 09 Apr 2020 12:31

Tgt Ion: 43 Resp: 250921

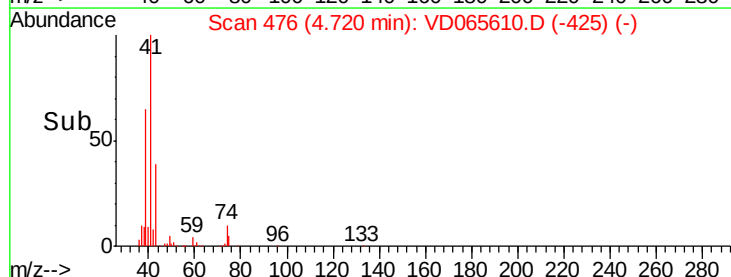
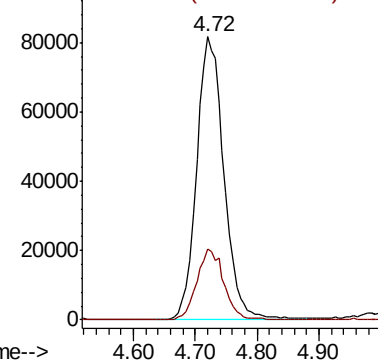
Ion Ratio Lower Upper

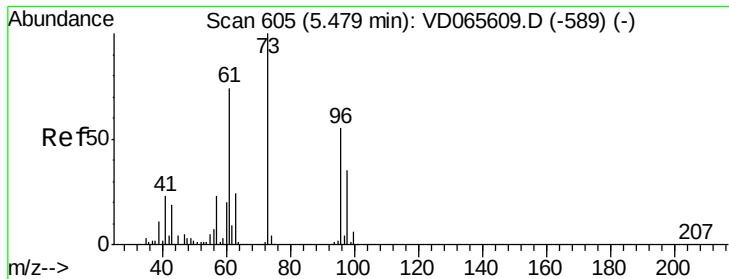
43 100

74 24.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC



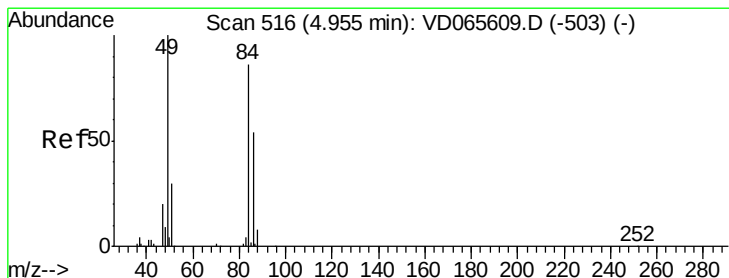
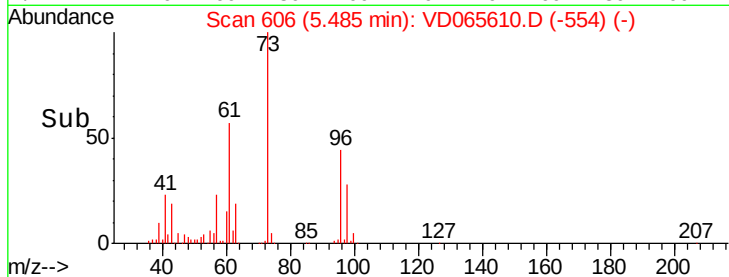
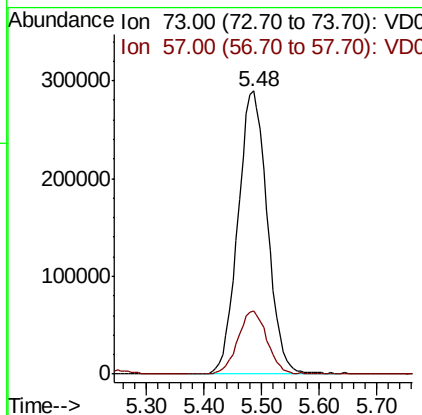
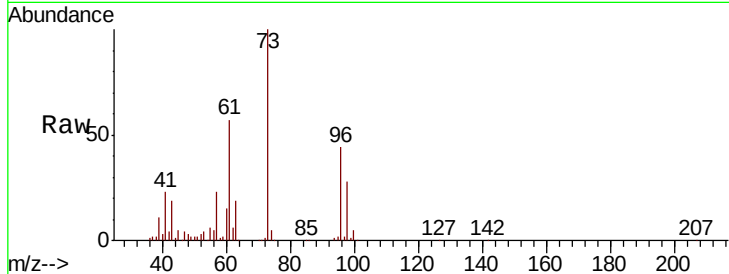


#19

Methyl tert-butyl Ether
 Concen: 110.751 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Instrument :
 MSVOA_D
 ClientSampleId :

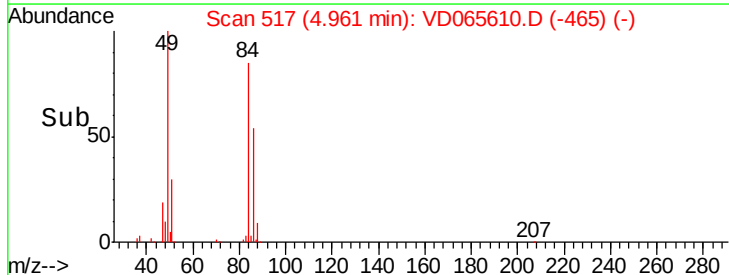
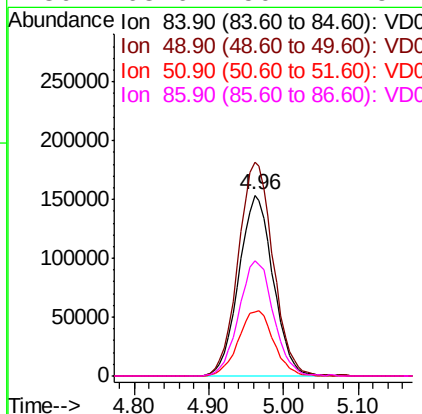
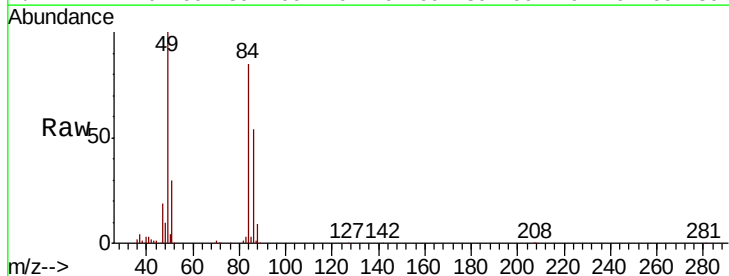
Tot Ion: 73 Resp: 1024232
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.2 27.2

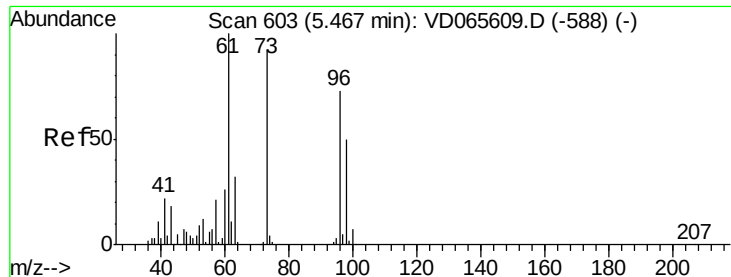


#20

Methylene Chloride
 Concen: 87.093 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion: 84 Resp: 490585
 Ion Ratio Lower Upper
 84 100
 49 117.9 93.4 140.2
 51 35.4 28.5 42.7
 86 63.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 97.955 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

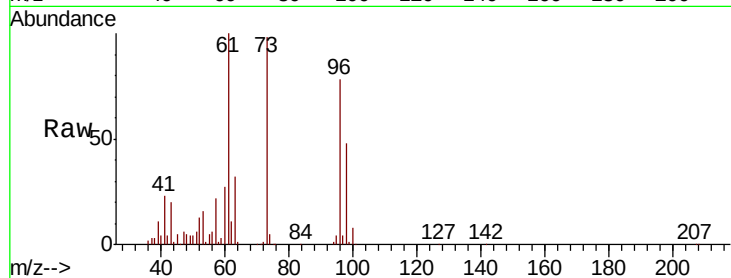
Tot Ion: 96 Resp: 531834

Ion Ratio Lower Upper

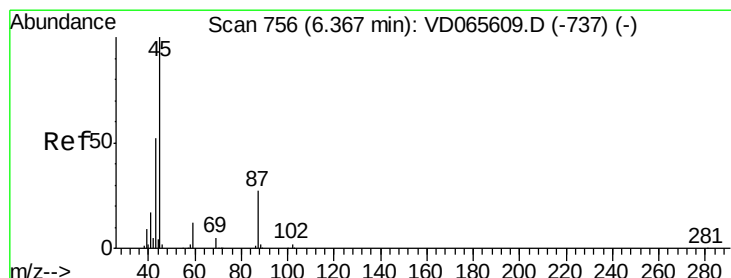
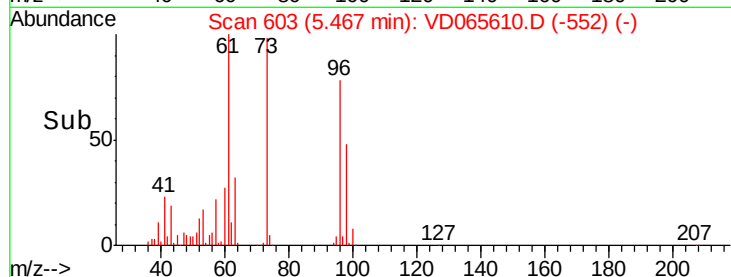
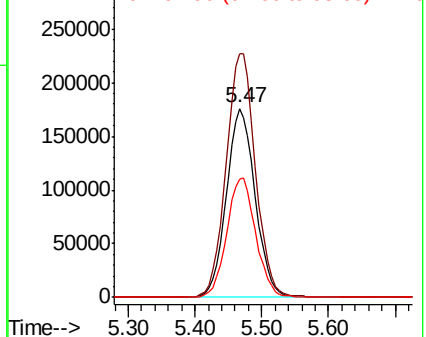
96 100

61 129.0 109.8 164.6

98 62.4 54.8 82.2



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



#22

Diisopropyl ether

Concen: 105.785 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Tgt Ion: 45 Resp: 1442908

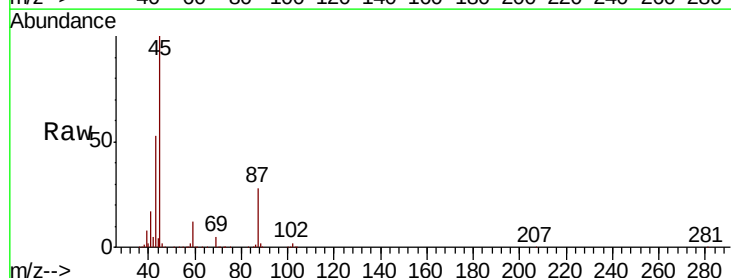
Ion Ratio Lower Upper

45 100

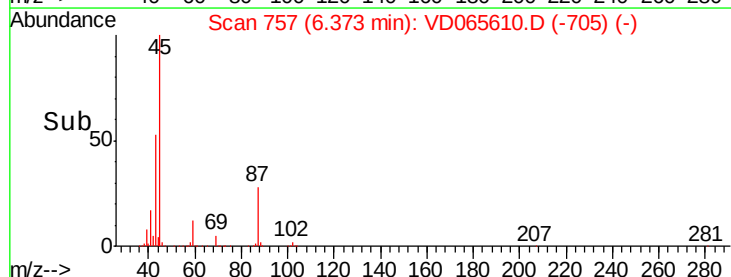
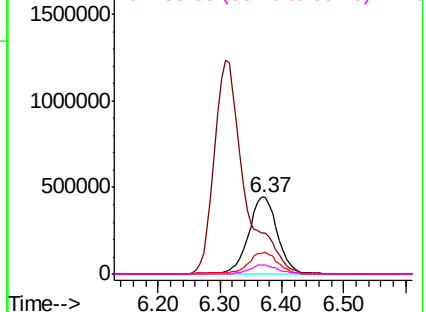
43 52.3 42.5 63.7

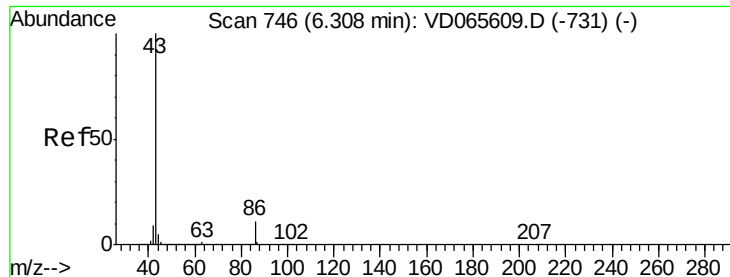
87 28.3 22.3 33.5

59 11.6 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 595.666 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

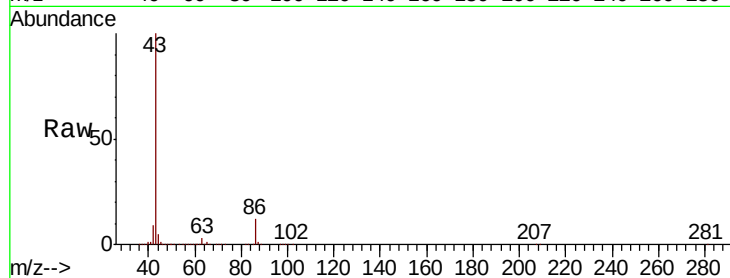
ClientSampled :

Tot Ion: 43 Resp: 4174956

Ion Ratio Lower Upper

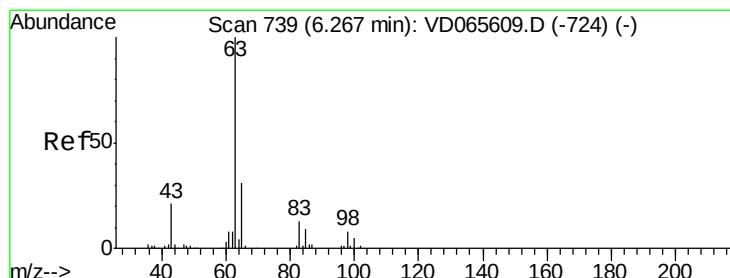
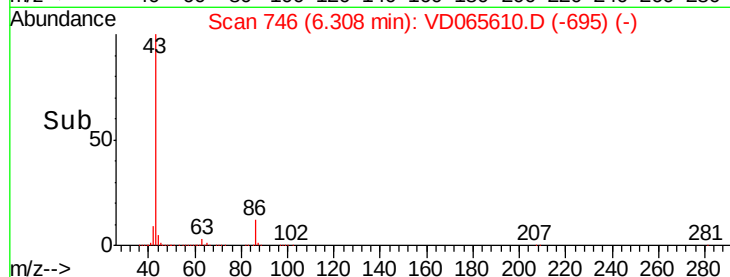
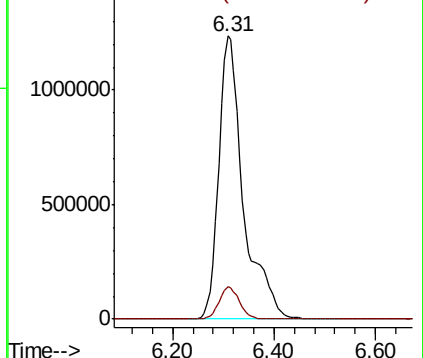
43 100

86 11.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 94.921 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

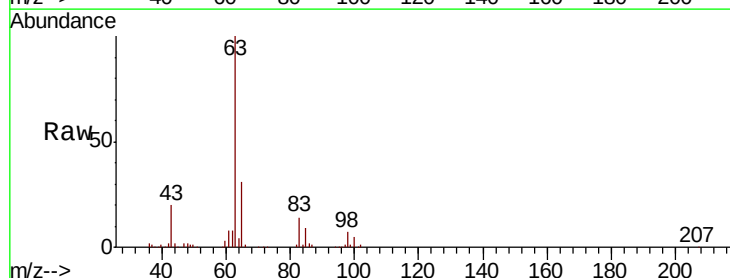
Tgt Ion: 63 Resp: 861371

Ion Ratio Lower Upper

63 100

98 7.3 4.0 11.9

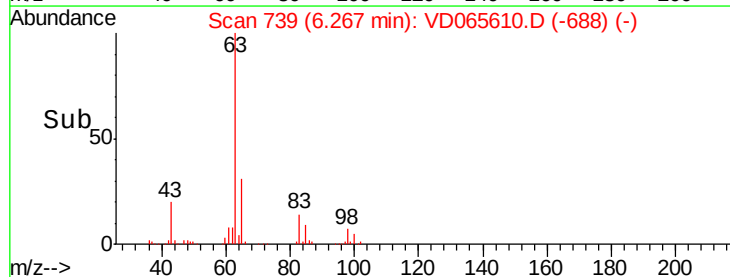
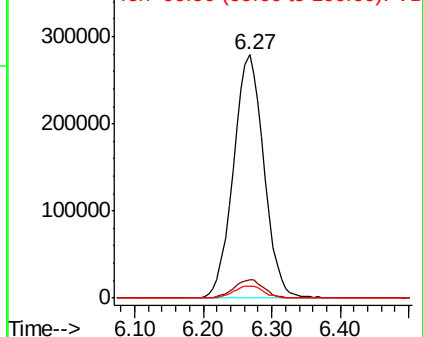
100 4.8 2.6 7.8

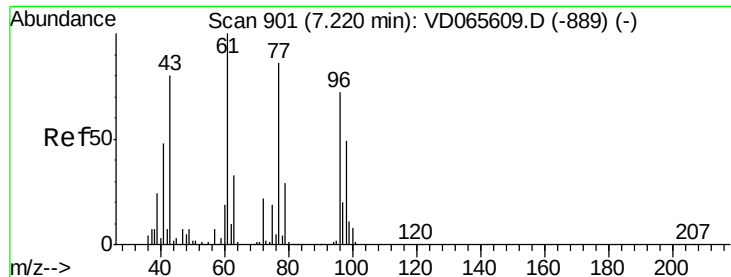


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 532.799 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

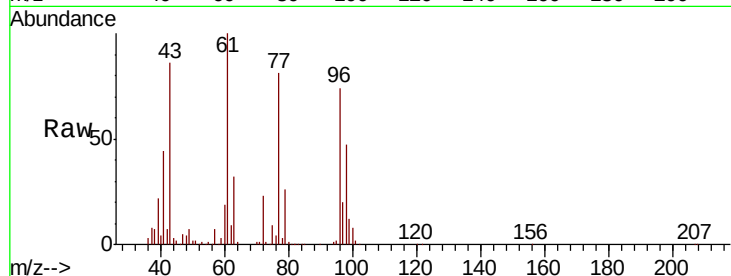
ClientSampleId :

Tot Ion: 43 Resp: 621424

Ion Ratio Lower Upper

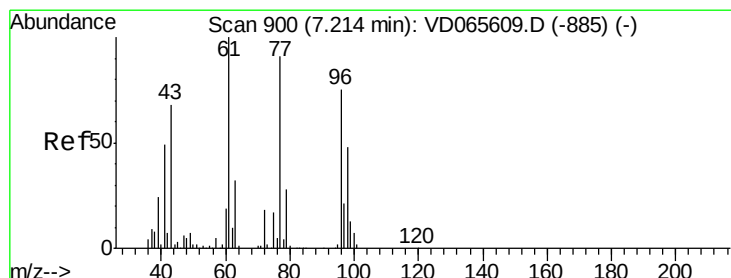
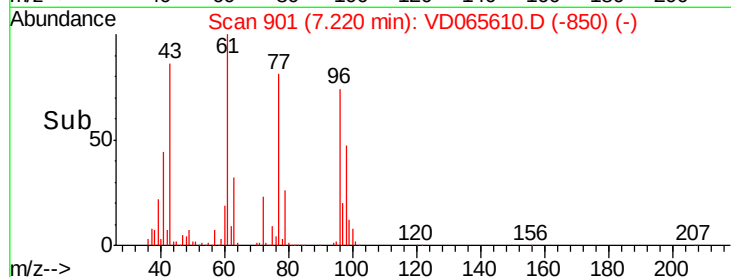
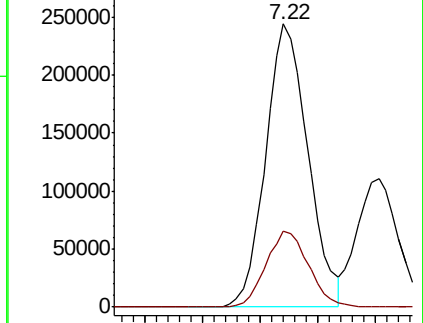
43 100

72 27.1 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 92.413 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065610.D

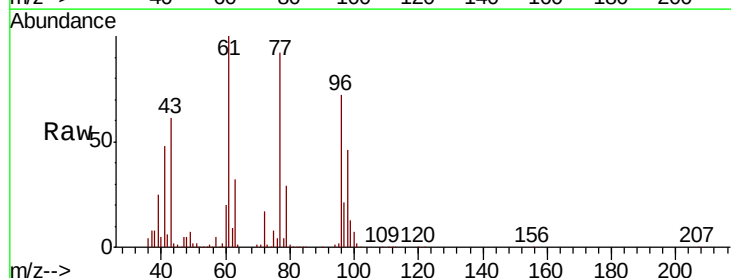
Acq: 09 Apr 2020 12:31

Tgt Ion: 77 Resp: 750492

Ion Ratio Lower Upper

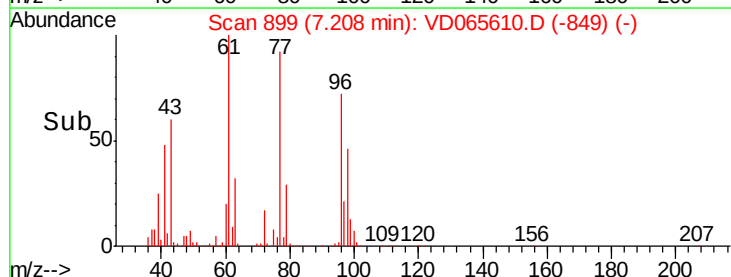
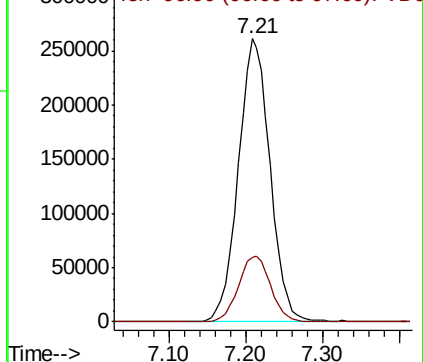
77 100

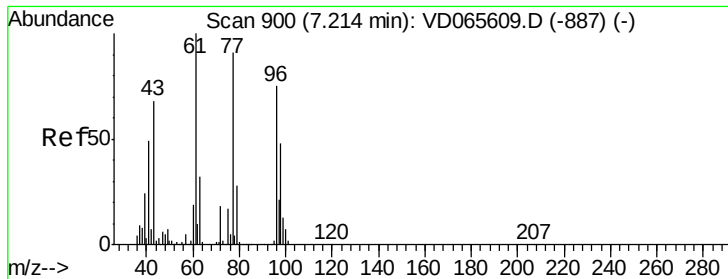
97 23.6 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



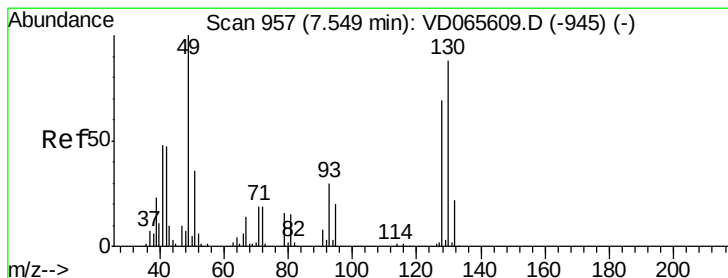
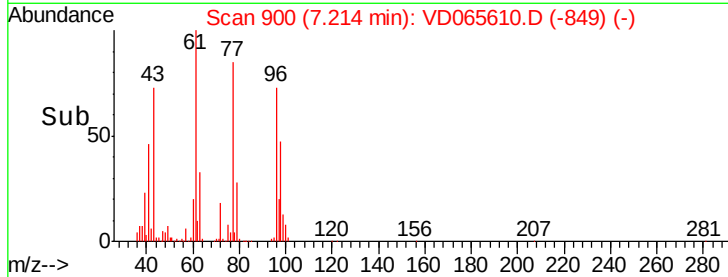
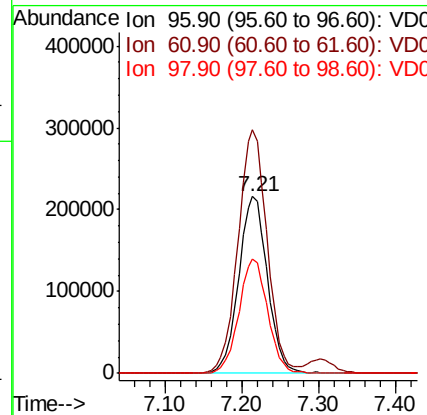
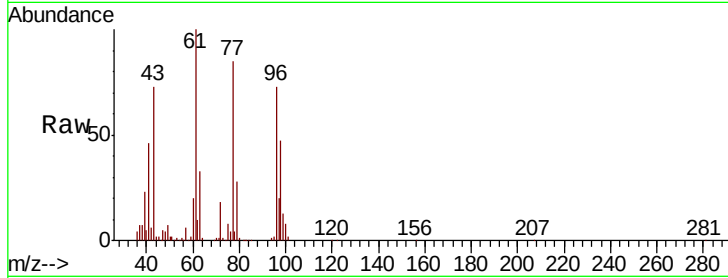


#27

cis-1,2-Dichloroethene
Concen: 101.942 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Instrument :
MSVOA_D
ClientSampled :

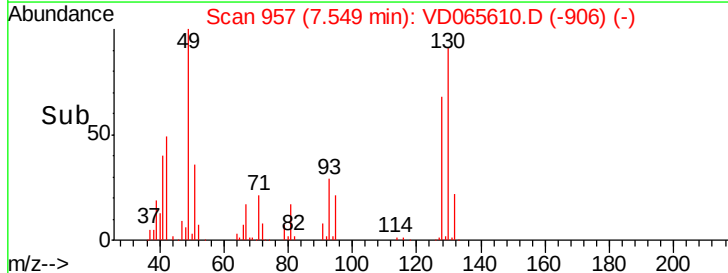
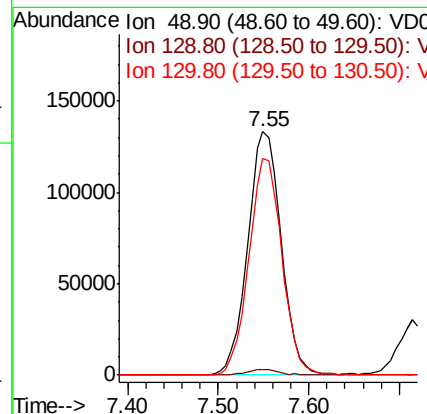
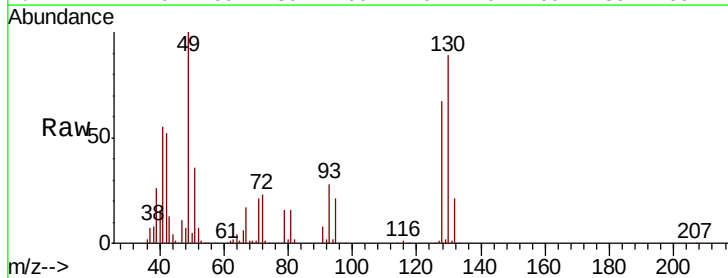
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	279.0
98	64.6	0.0	130.2

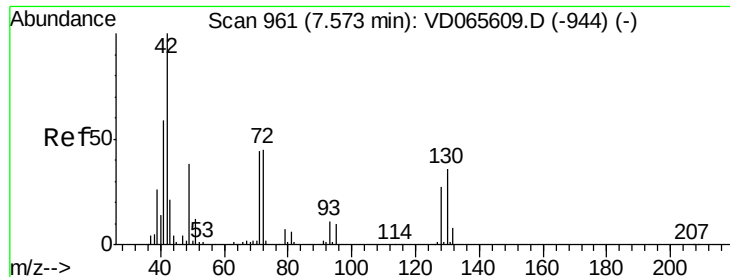


#28

Bromochloromethane
Concen: 93.764 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	88.1	69.4	104.2

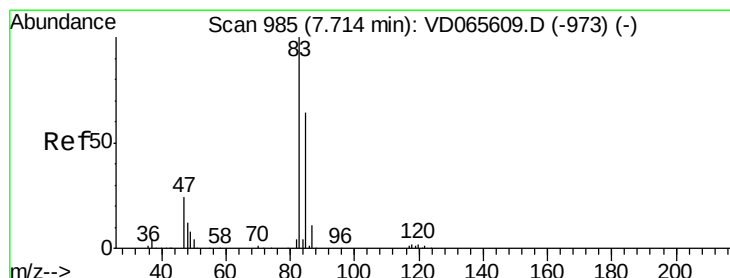
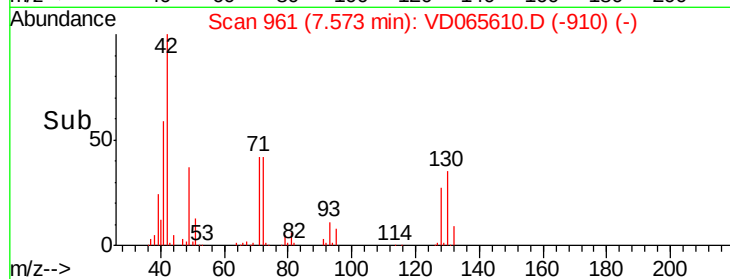
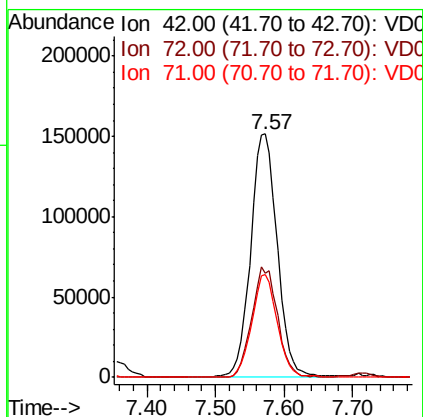
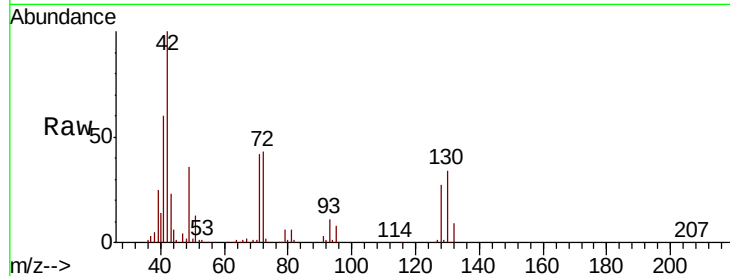




#29
Tetrahydrofuran
Concen: 561.379 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

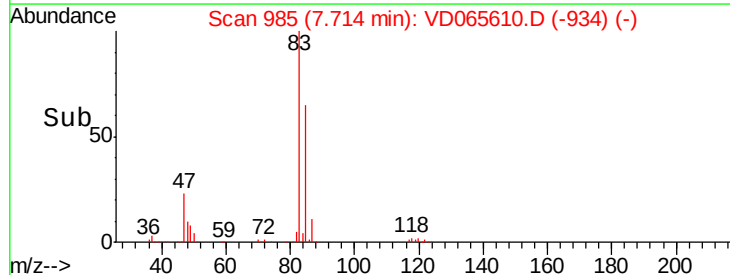
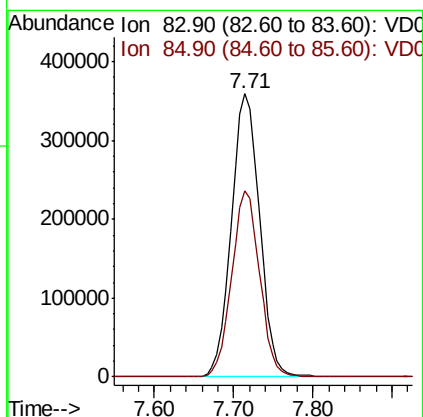
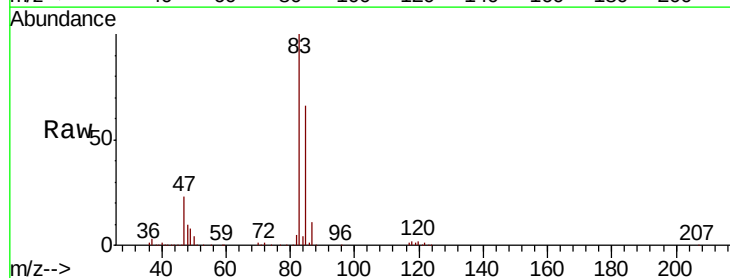
Instrument :
MSVOA_D
ClientSampled :

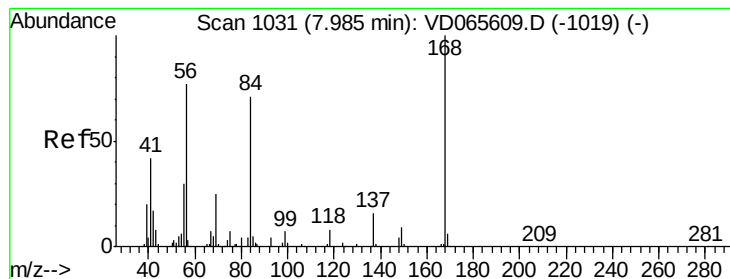
Tot Ion: 42 Resp: 411450
Ion Ratio Lower Upper
42 100
72 43.8 35.3 52.9
71 40.5 33.1 49.7



#30
Chloroform
Concen: 93.554 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion: 83 Resp: 888942
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3





#31

Cyclohexane

Concen: 94.658 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :
MSVOA_D
ClientSampleId :

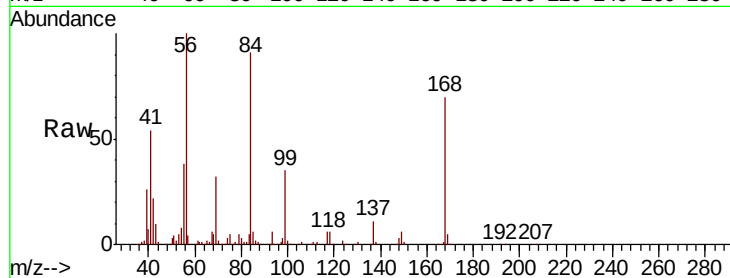
Tot Ion: 56 Resp: 796834

Ion Ratio Lower Upper

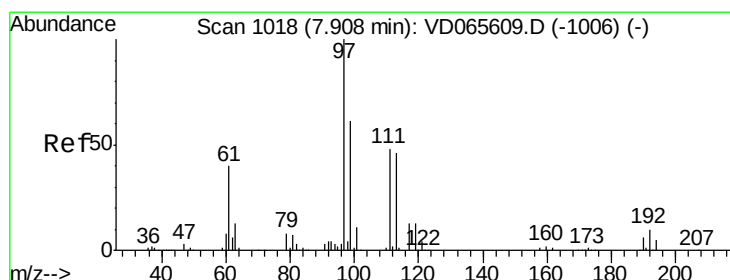
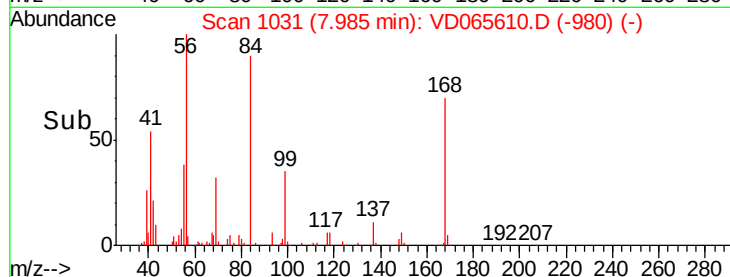
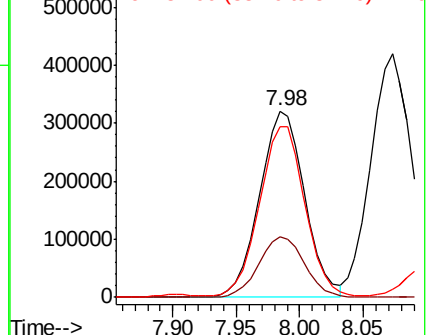
56 100

69 32.3 26.2 39.4

84 90.0 73.7 110.5



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: 93.298 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

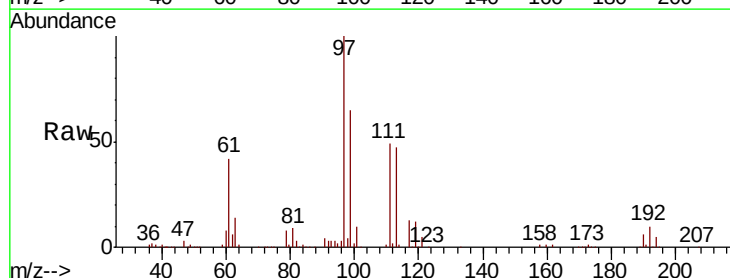
Tgt Ion: 97 Resp: 801155

Ion Ratio Lower Upper

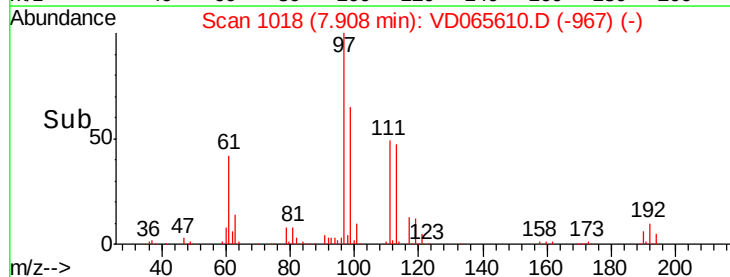
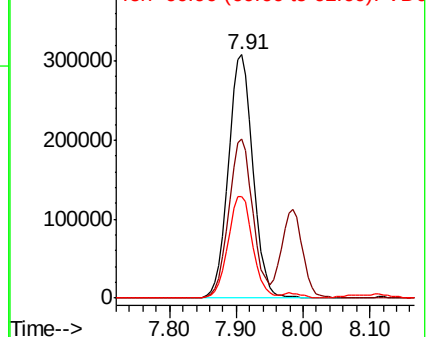
97 100

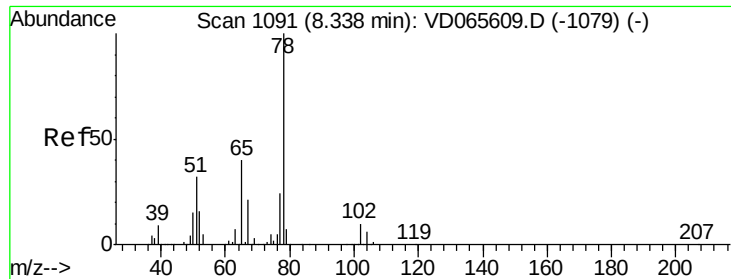
99 64.0 50.2 75.2

61 42.0 33.5 50.3



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

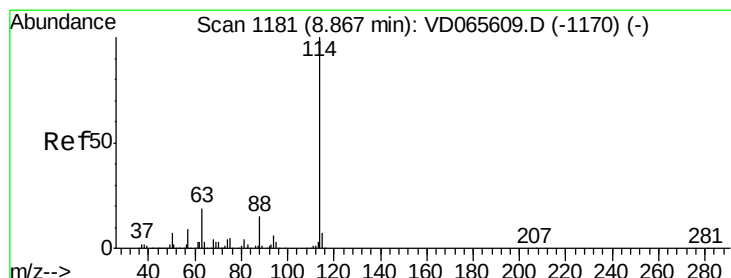
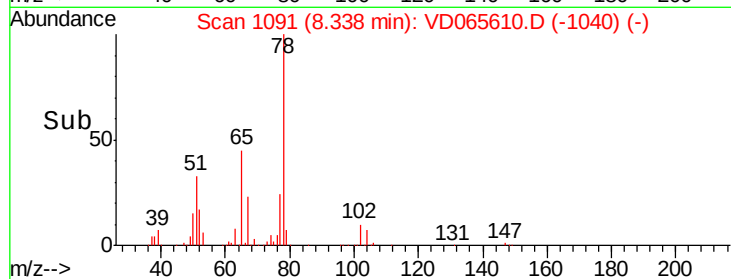
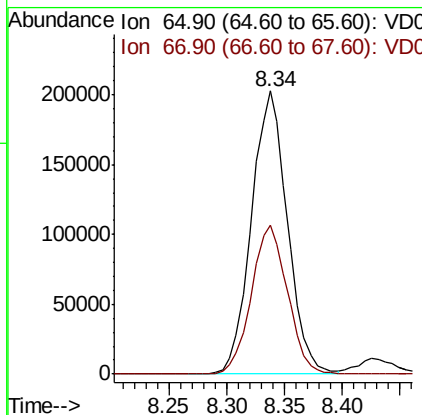
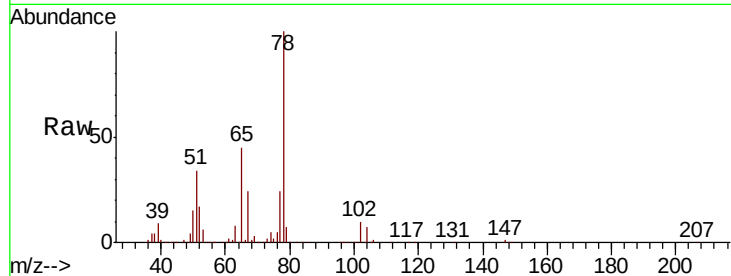




#33
 1,2-Dichloroethane-d4
 Concen: 93.077 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

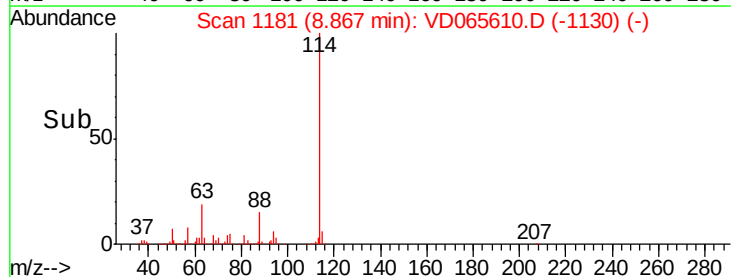
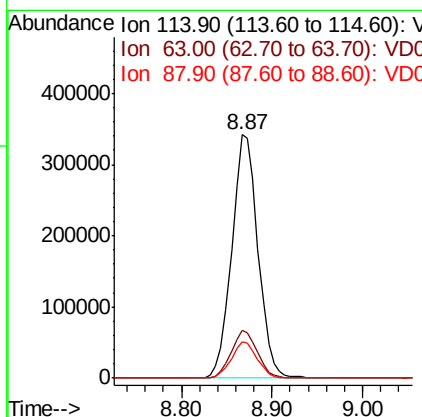
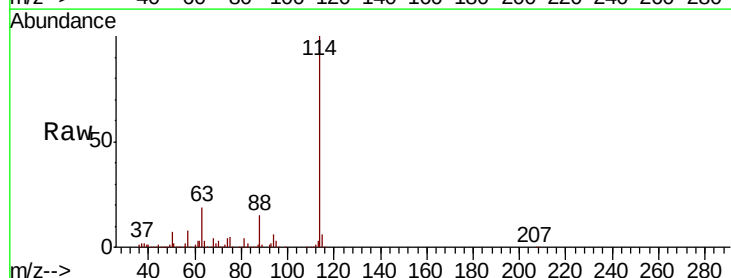
Instrument :
 MSVOA_D
 ClientSampleID :

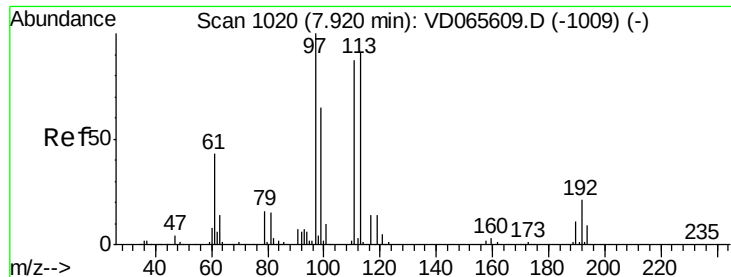
Tot Ion: 65 Resp: 439224
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion:114 Resp: 689532
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.2
 88 14.9 0.0 29.6

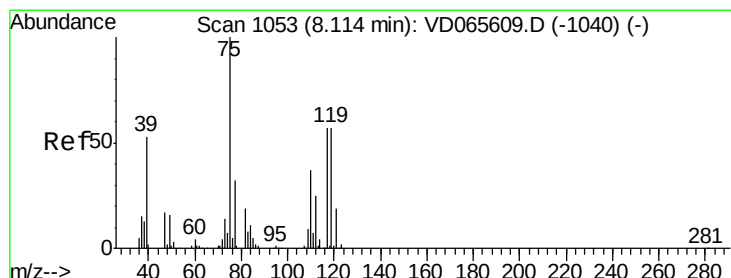
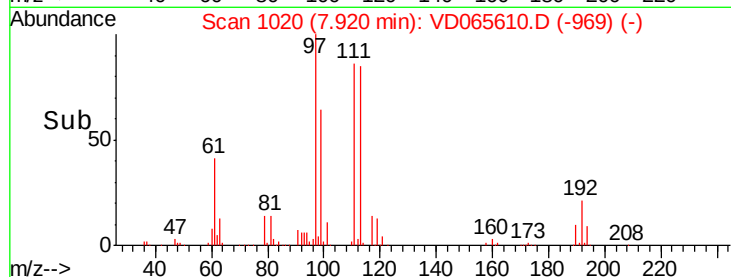
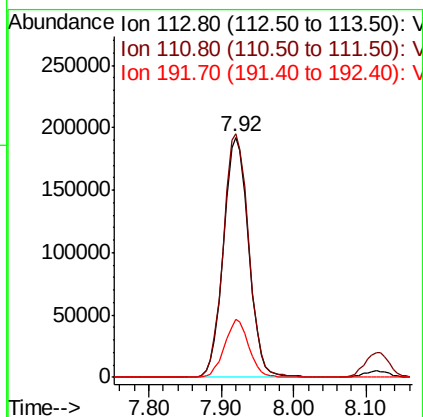
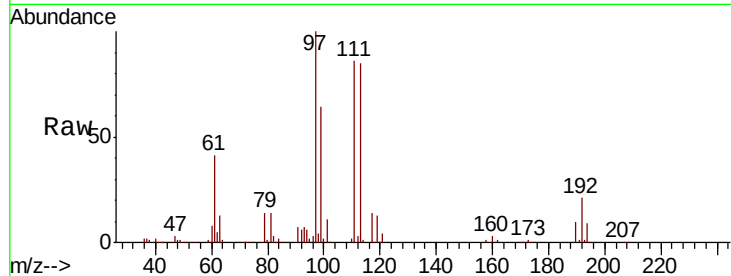




#35
 Dibromofluoromethane
 Concen: 96.473 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

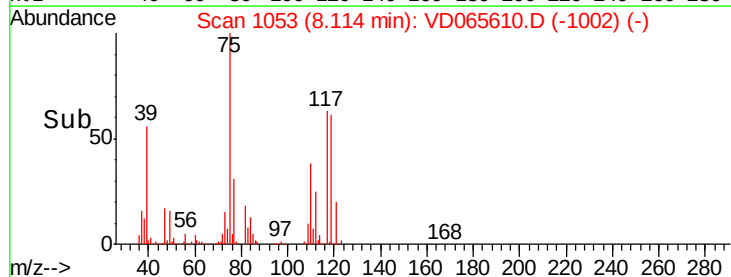
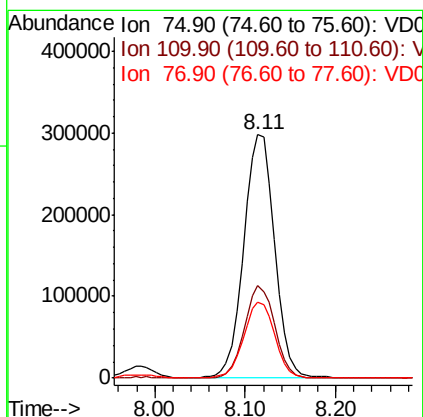
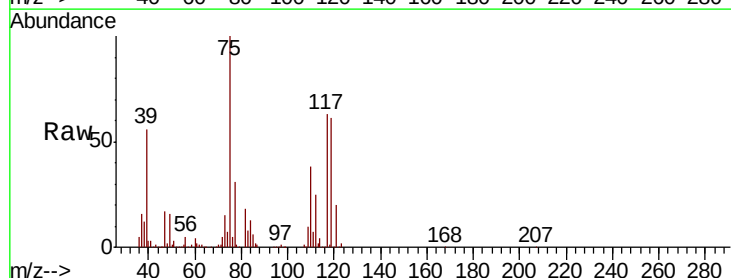
Instrument :
 MSVOA_D
 ClientSampled :

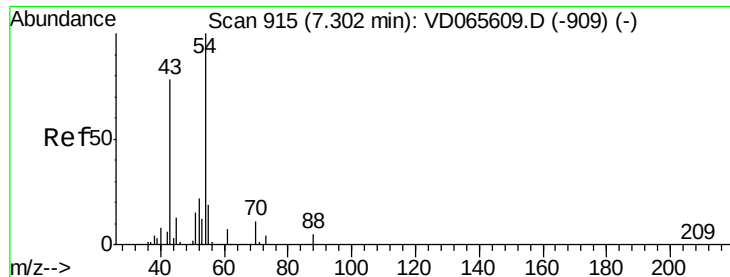
Tot Ion:113 Resp: 464734
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.6 120.8
 192 23.3 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 98.890 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion: 75 Resp: 702021
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.3 54.9
 77 31.3 25.0 37.6

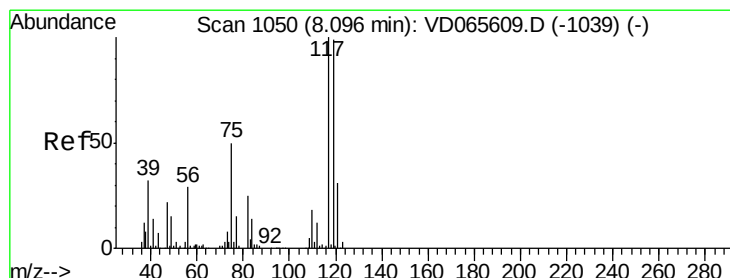
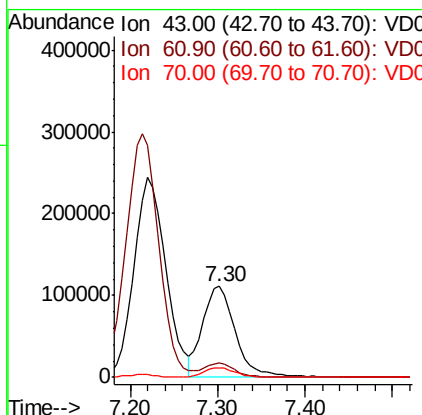
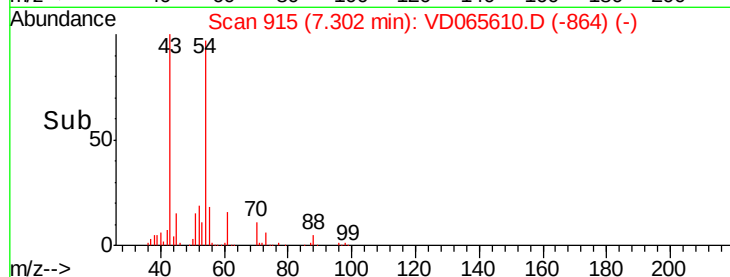
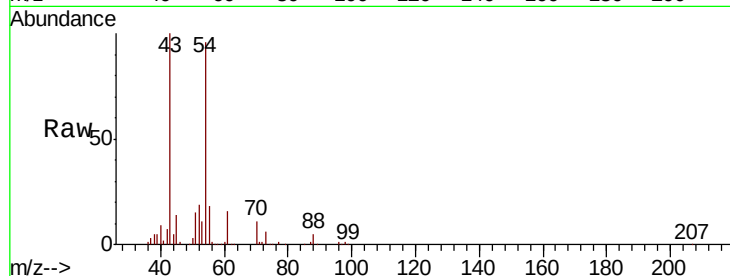




#37
Ethyl Acetate
Concen: 108.528 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

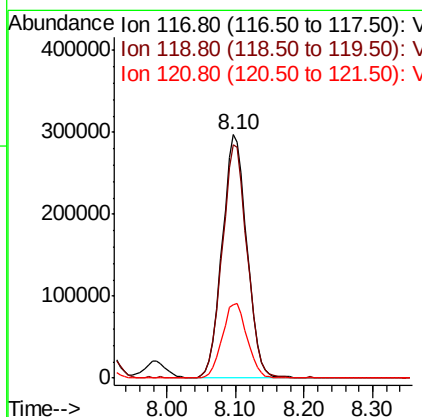
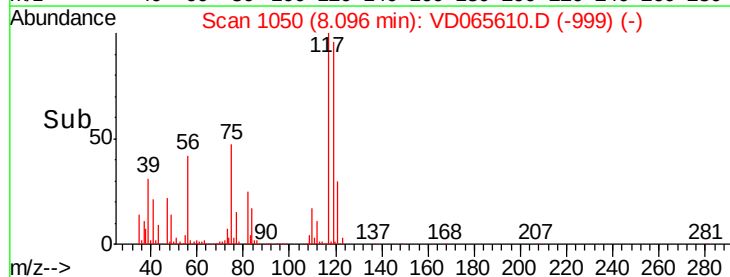
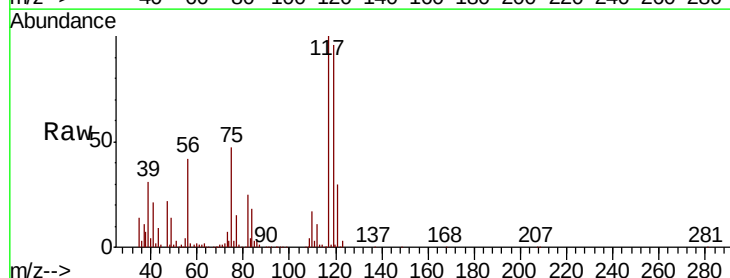
Instrument :
MSVOA_D
ClientSampleId :

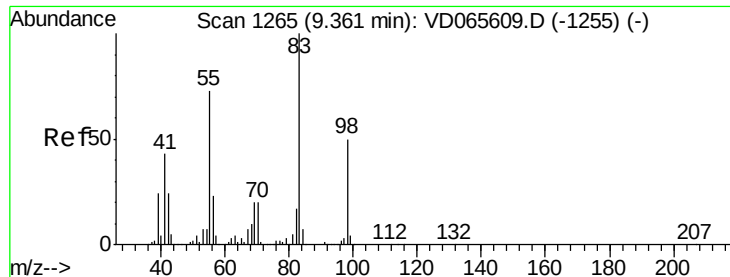
Tot Ion: 43 Resp: 286061
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.7 8.6 13.0



#38
Carbon Tetrachloride
Concen: 95.853 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion: 117 Resp: 738864
Ion Ratio Lower Upper
117 100
119 95.8 78.9 118.3
121 30.3 24.6 37.0

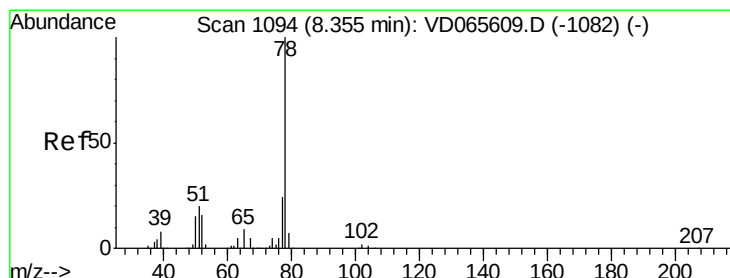
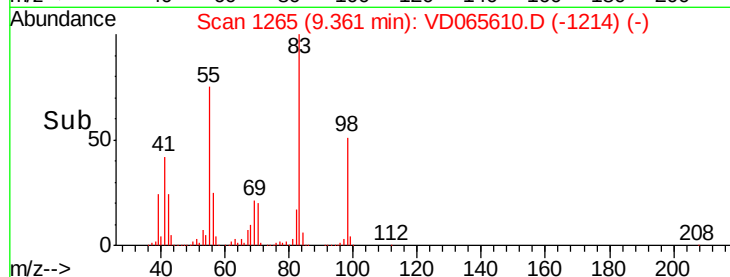
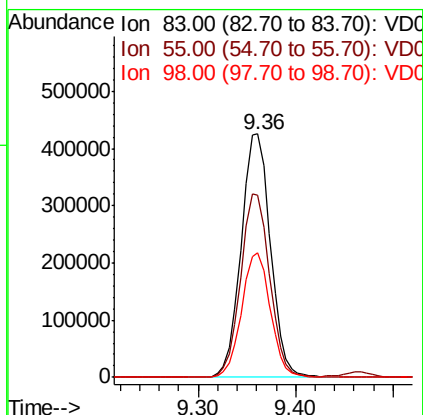
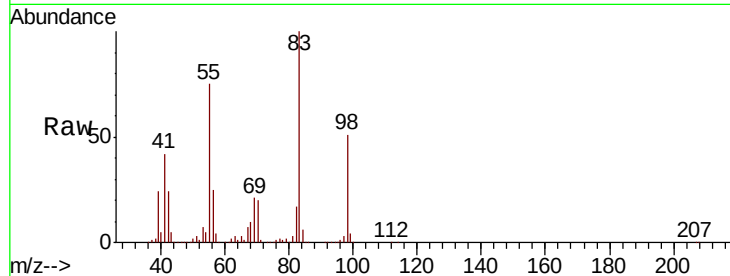




#39
Methylvlcyclohexane
Concen: 110.793 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

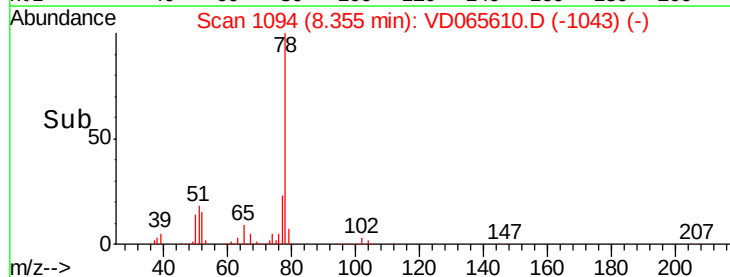
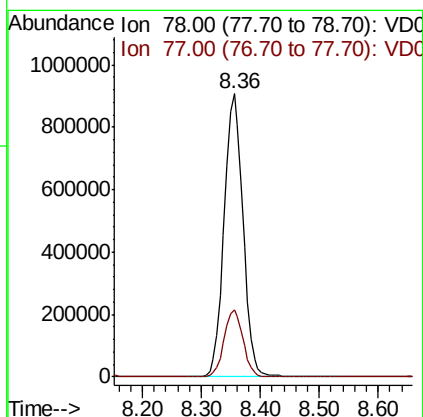
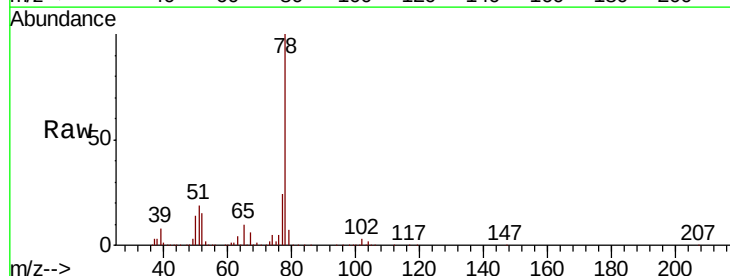
Instrument :
MSVOA_D
ClientSampleId :

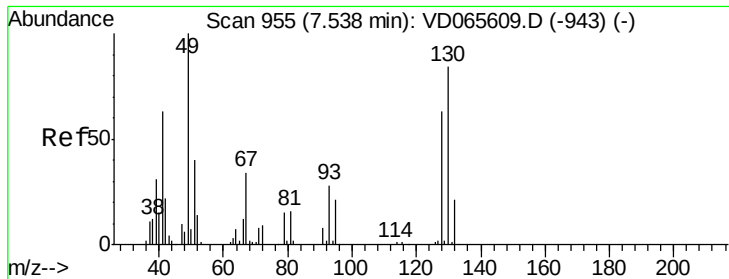
Tot Ion: 83 Resp: 890349
Ion Ratio Lower Upper
83 100
55 75.1 58.7 88.1
98 51.2 40.2 60.4



#40
Benzene
Concen: 99.629 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion: 78 Resp: 2020730
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41

Methacrylonitrile

Concen: 258.171 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.04 min

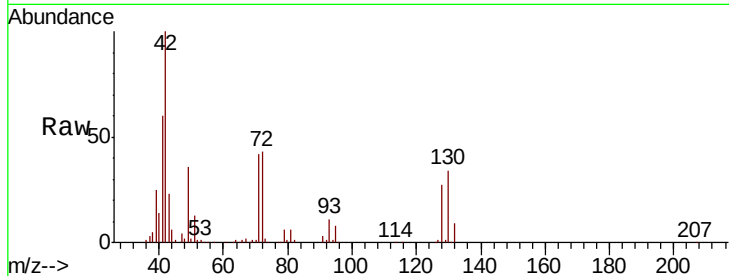
Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 41 Resp: 397772

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



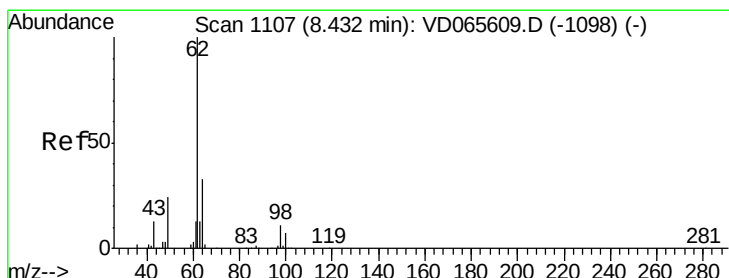
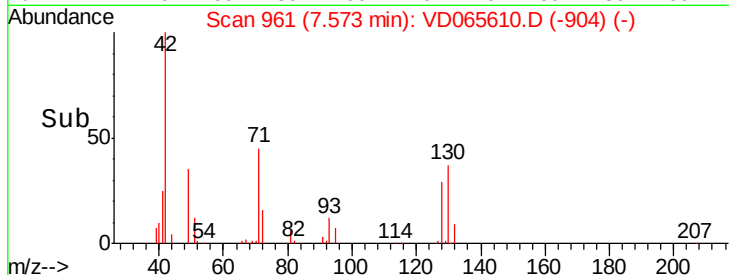
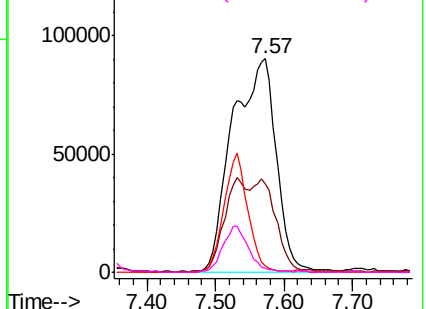
Abundance

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 98.098 ug/l

RT: 8.43 min Scan# 1107

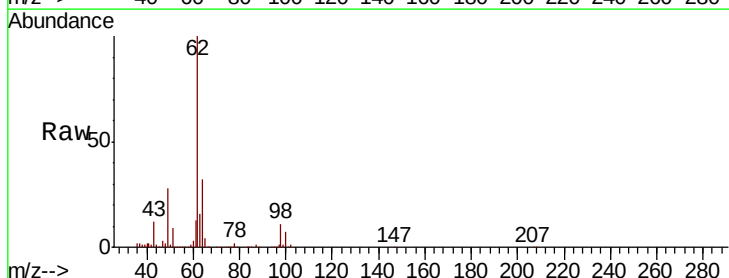
Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Tgt Ion: 62 Resp: 555753

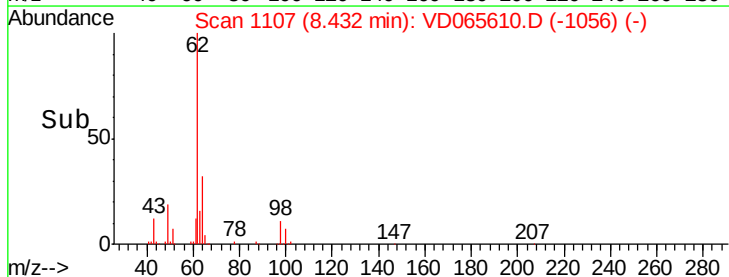
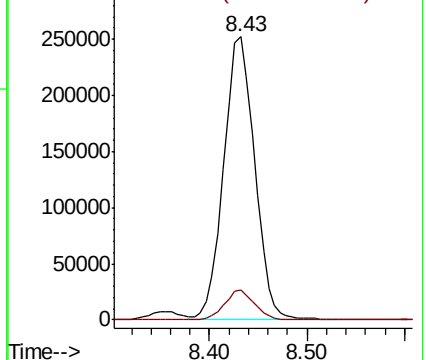
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0

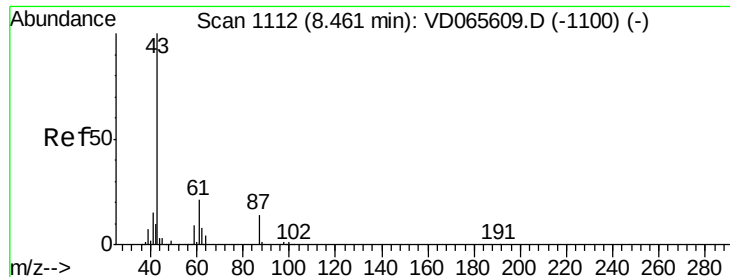


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 111.577 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

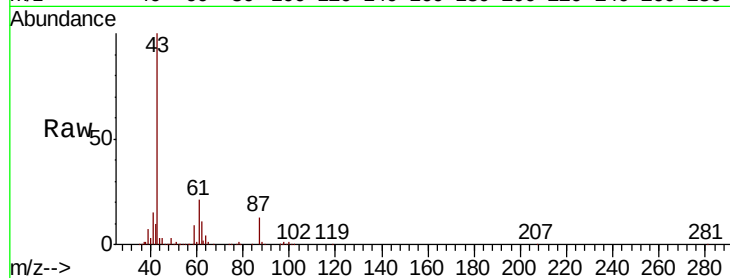
Tot Ion: 43 Resp: 536574

Ion Ratio Lower Upper

43 100

61 31.6 25.9 38.9

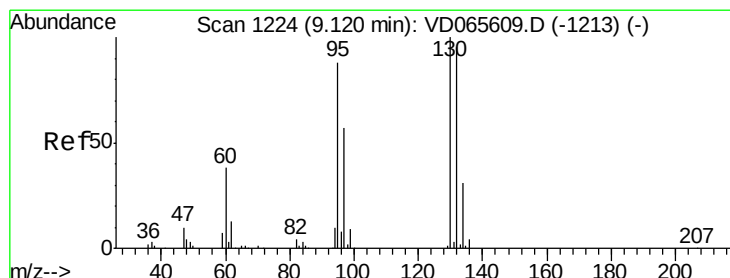
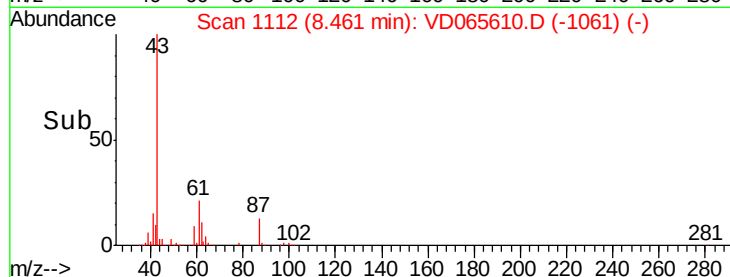
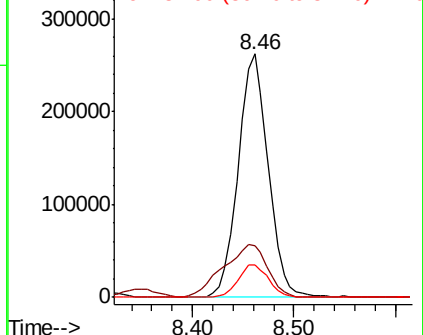
87 13.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 97.980 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD065610.D

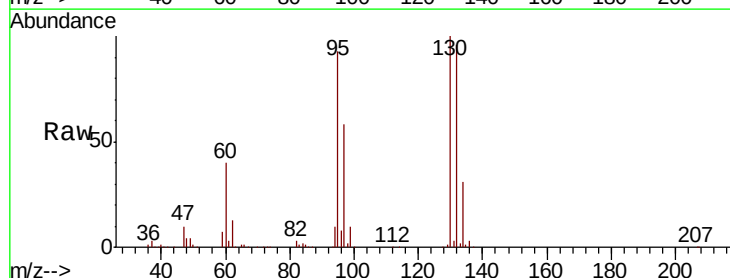
Acq: 09 Apr 2020 12:31

Tgt Ion:130 Resp: 571162

Ion Ratio Lower Upper

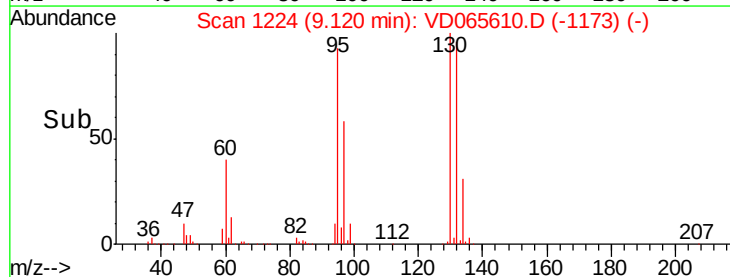
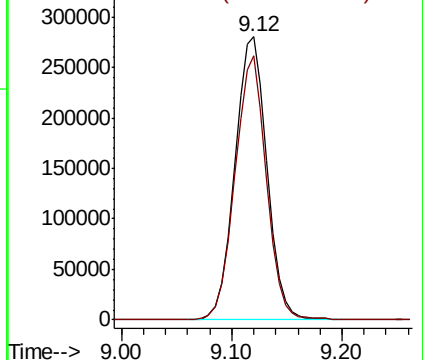
130 100

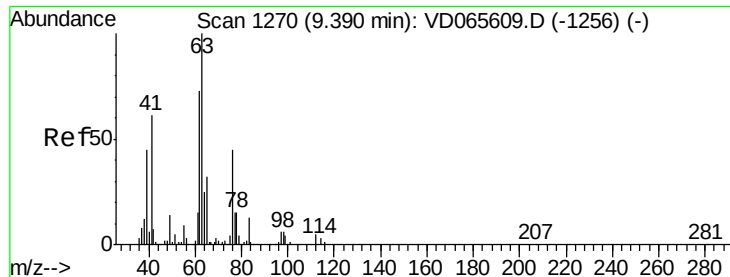
95 93.5 0.0 176.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

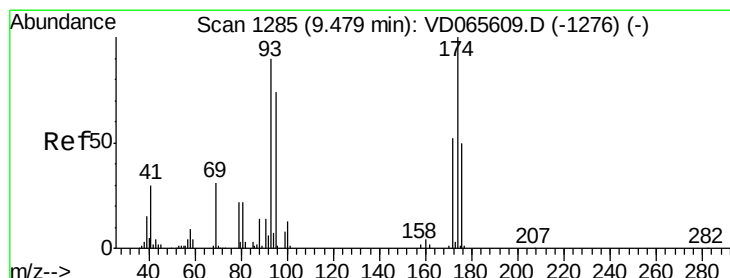
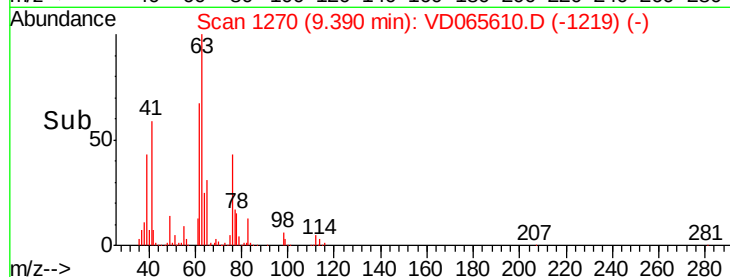
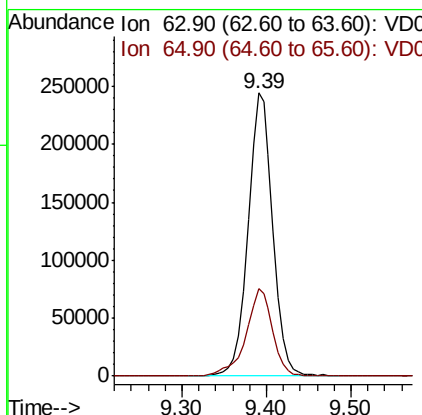
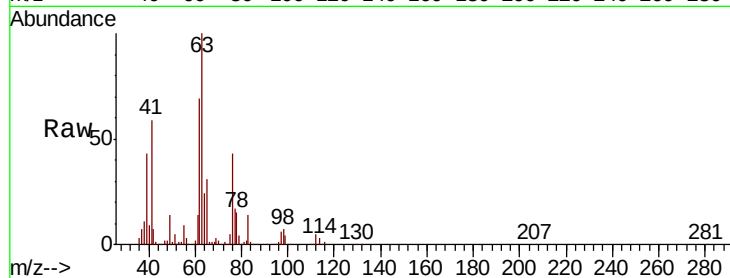




#45
 1,2-Dichloropropane
 Concen: 100.243 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

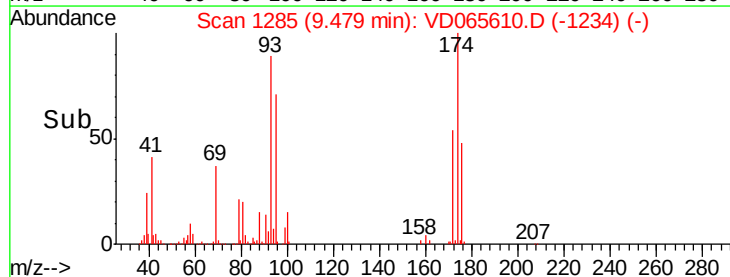
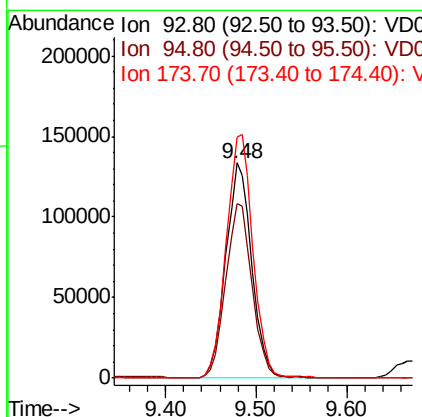
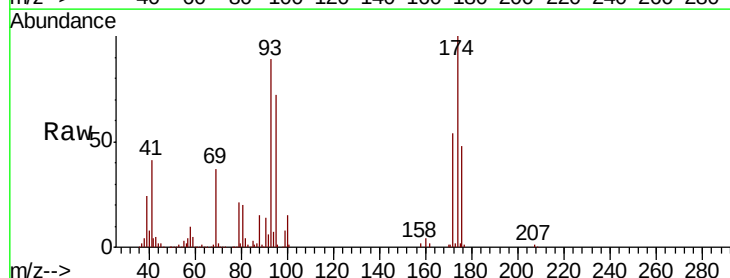
Instrument :
 MSVOA_D
 ClientSampled :

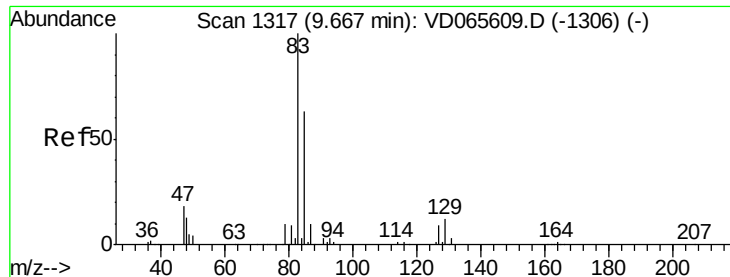
Tot Ion: 63 Resp: 495083
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.3 37.9



#46
 Dibromomethane
 Concen: 100.481 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion: 93 Resp: 266746
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.5 99.7
 174 116.0 91.5 137.3





#47

Bromodichloromethane

Concen: 98.639 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

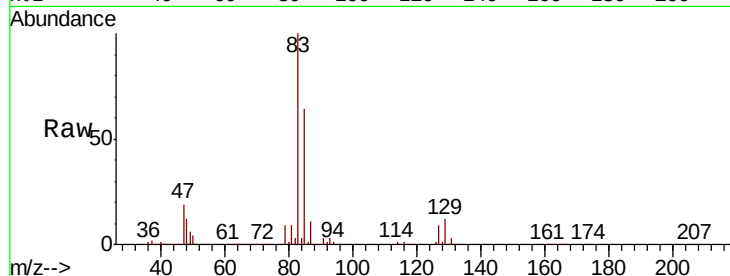
Tot Ion: 83 Resp: 686671

Ion Ratio Lower Upper

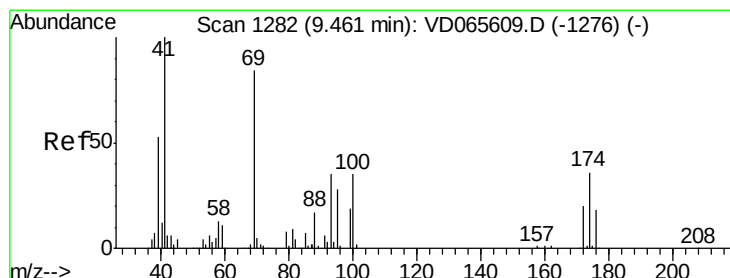
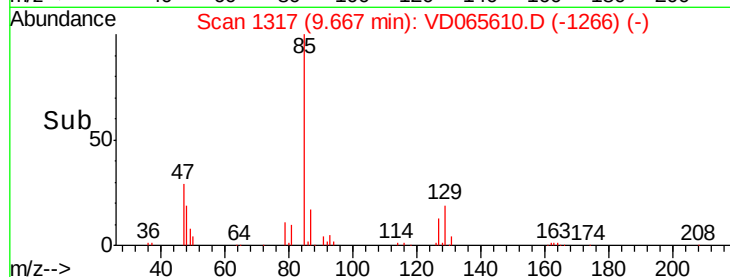
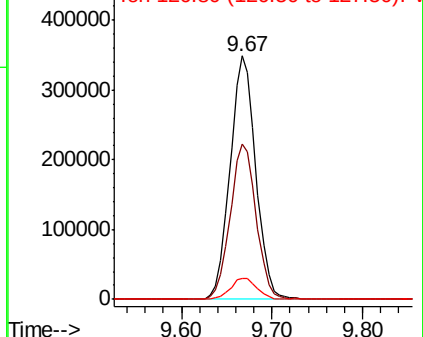
83 100

85 63.9 50.7 76.1

127 8.6 7.6 11.4



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: 116.026 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

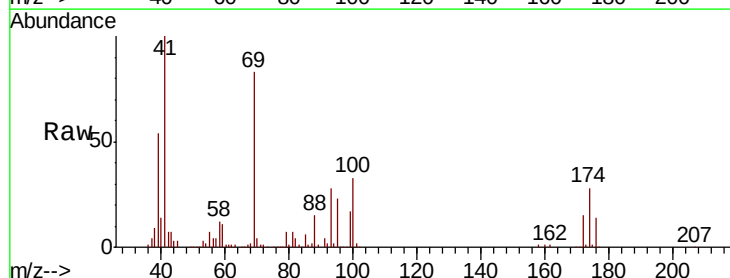
Tgt Ion: 41 Resp: 258785

Ion Ratio Lower Upper

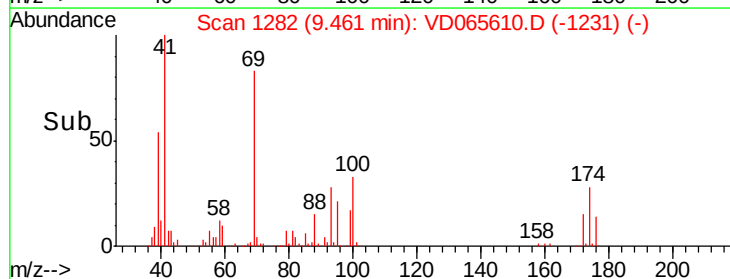
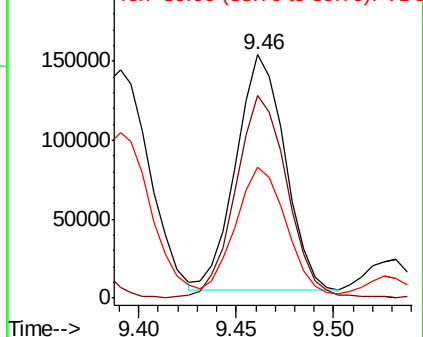
41 100

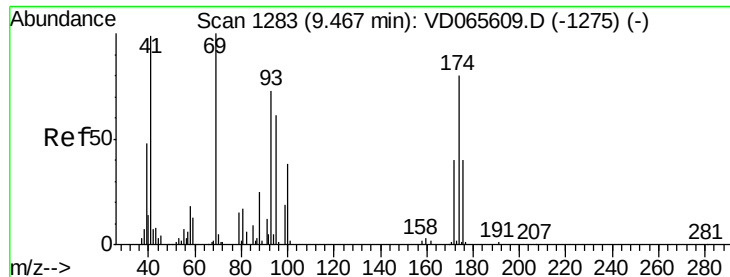
69 91.1 72.4 108.6

39 58.9 43.5 65.3



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

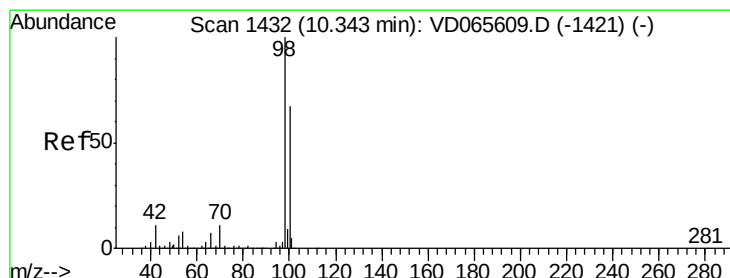
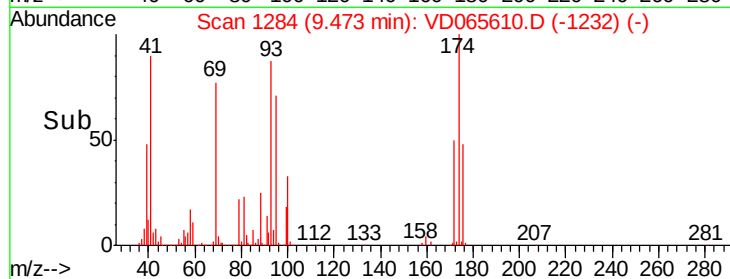
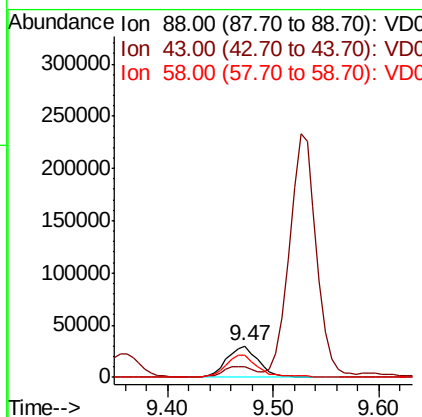
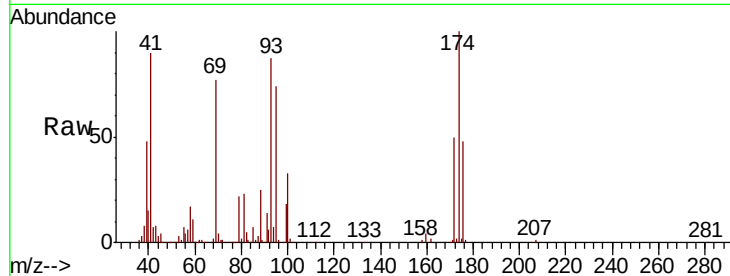




#49
 1,4-Dioxane
 Concen: 2222.689 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

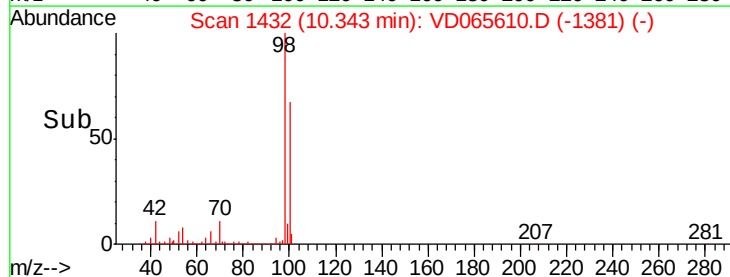
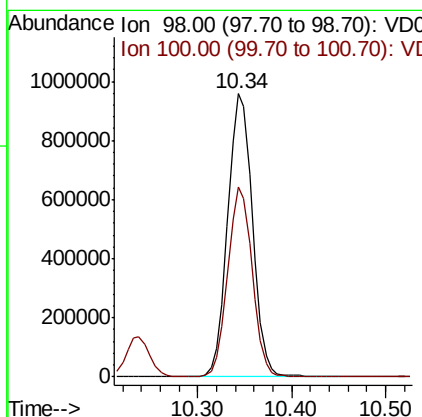
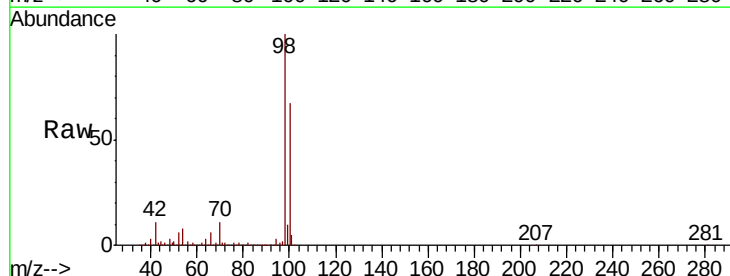
Instrument :
 MSVOA_D
 ClientSampleId :

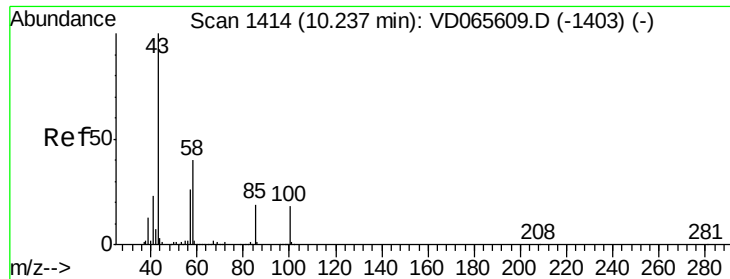
Tot Ion: 88 Resp: 62491
 Ion Ratio Lower Upper
 88 100
 43 36.3 29.8 44.8
 58 69.0 57.7 86.5



#50
 Toluene-d8
 Concen: 99.608 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion: 98 Resp: 1752240
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.6 79.0

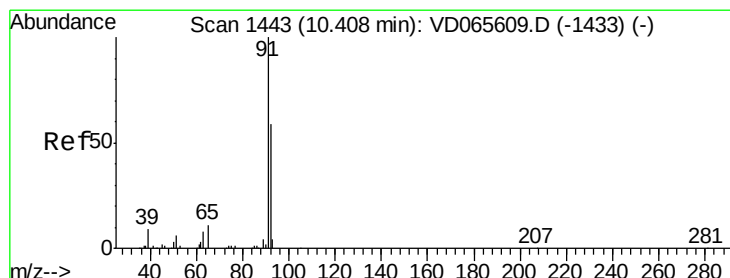
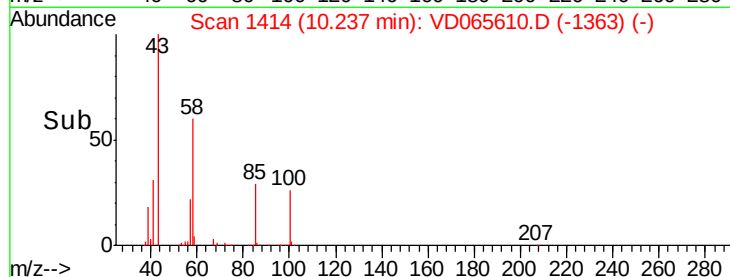
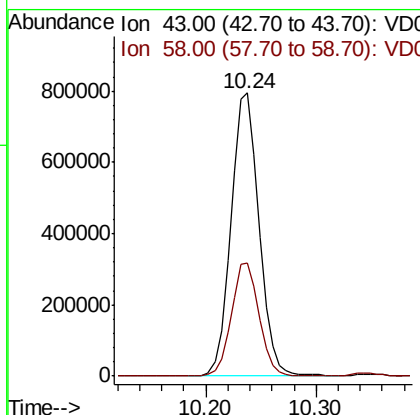
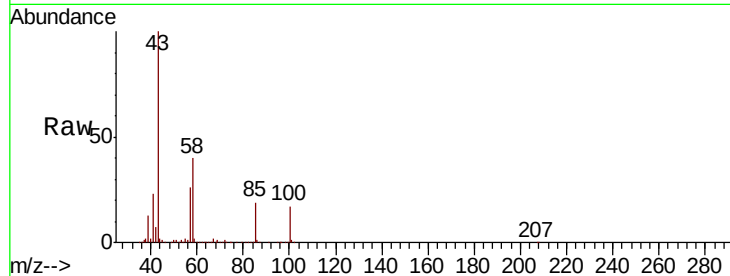




#51
 4-Methyl-2-Pentanone
 Concen: 572.110 ug/l
 RT: 10.24 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

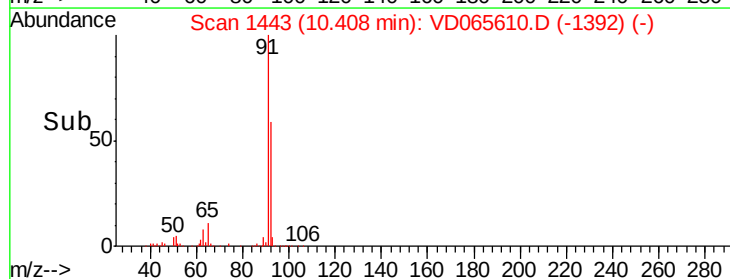
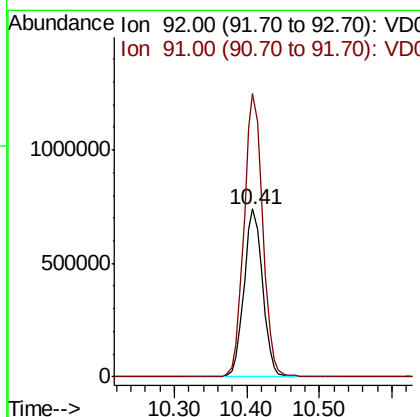
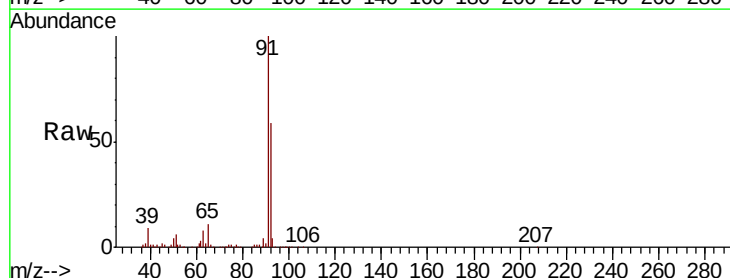
Instrument :
 MSVOA_D
 ClientSampled :

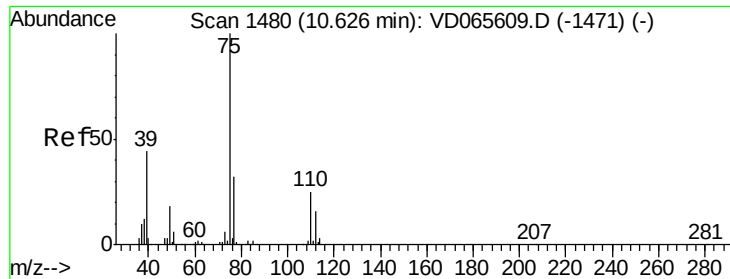
Tot Ion: 43 Resp: 1417839
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.4 47.2



#52
 Toluene
 Concen: 103.056 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion: 92 Resp: 1321615
 Ion Ratio Lower Upper
 92 100
 91 169.6 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 108.690 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

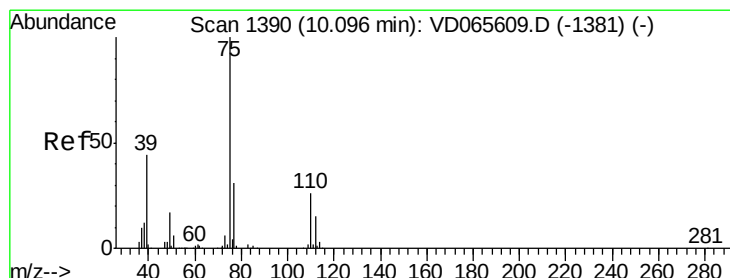
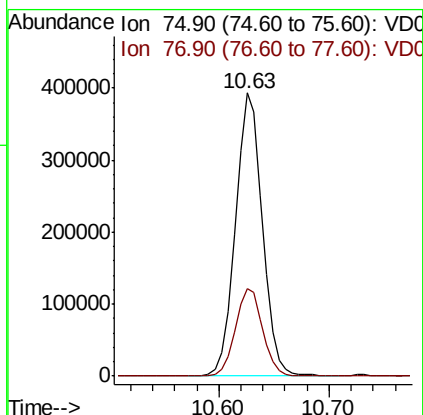
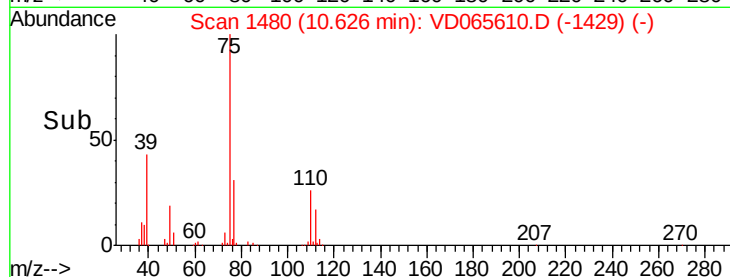
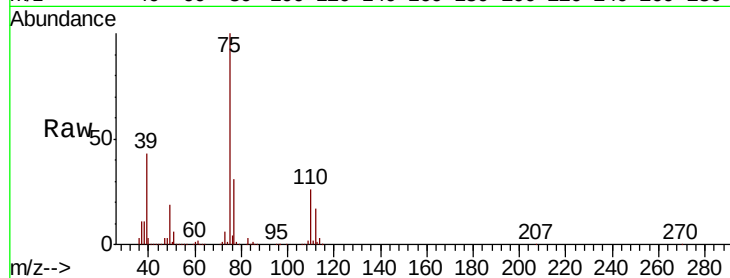
ClientSampleId :

Tot Ion: 75 Resp: 671580

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 106.042 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

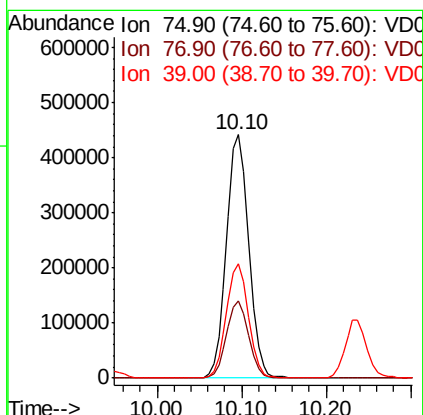
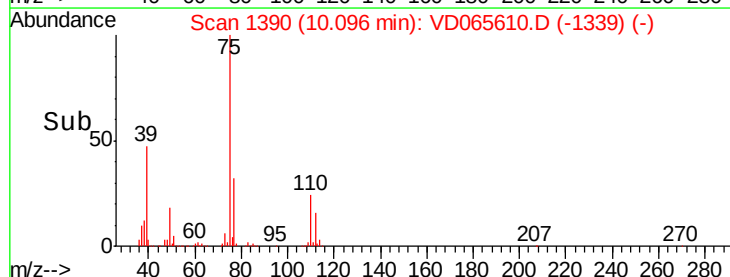
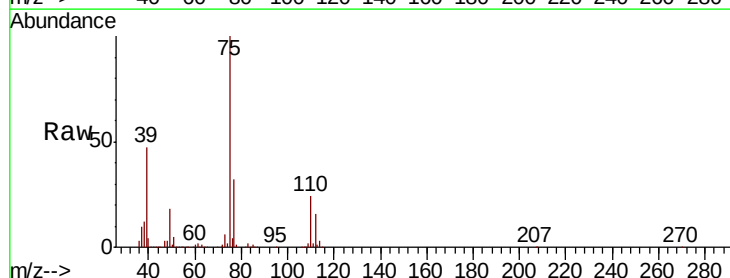
Tgt Ion: 75 Resp: 802250

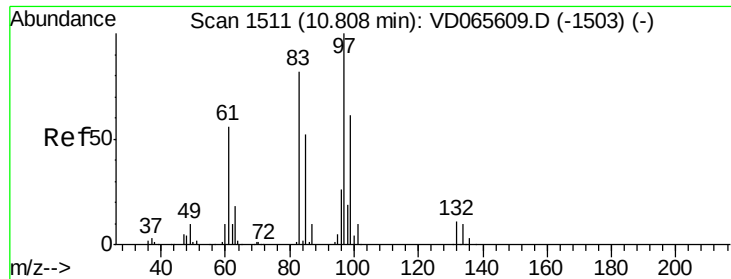
Ion Ratio Lower Upper

75 100

77 31.6 24.5 36.7

39 46.8 35.5 53.3

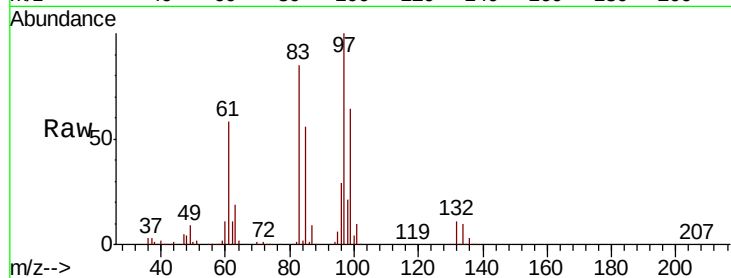




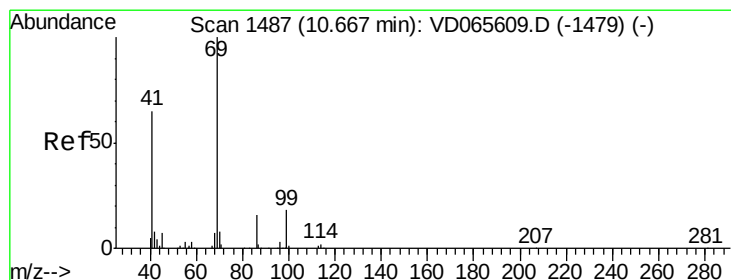
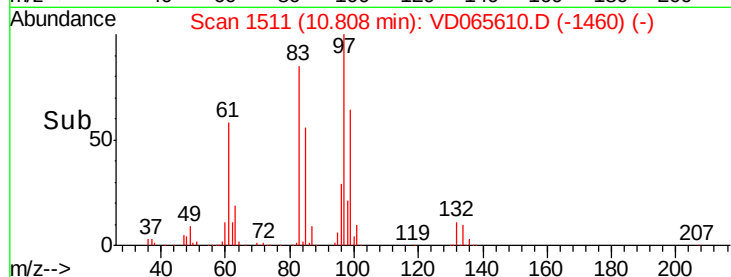
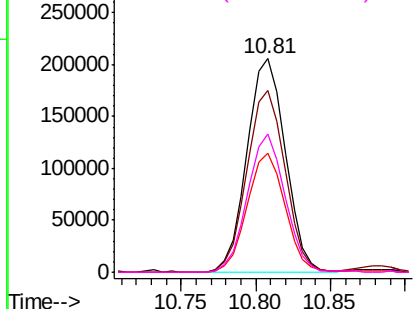
#55
 1,1,2-Trichloroethane
 Concen: 98.722 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	367775
Ion	Ratio	Lower	Upper
97	100		
83	85.3	65.7	98.5
85	55.9	41.6	62.4
99	64.4	48.7	73.1

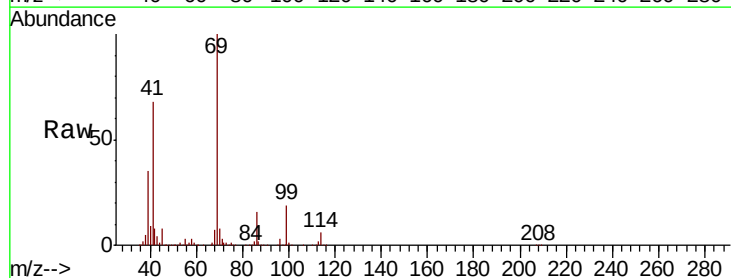


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

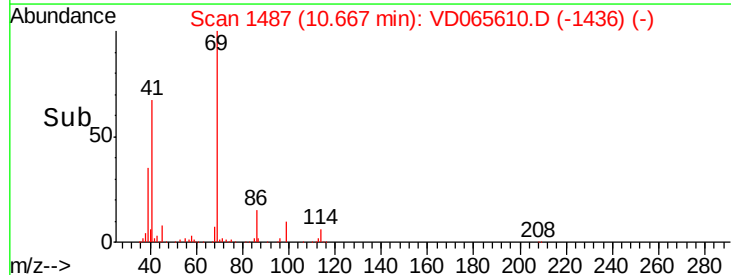
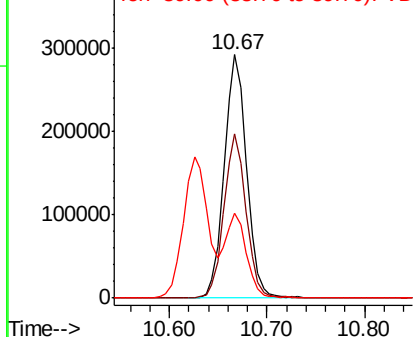


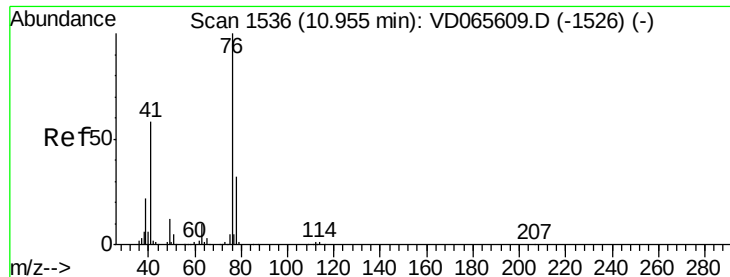
#56
 Ethyl methacrylate
 Concen: 123.456 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion:	69	Resp:	463857
Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.4	81.6
39	33.4	26.5	39.7



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





#57

1,3-Dichloropropane

Concen: 102.836 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.01 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

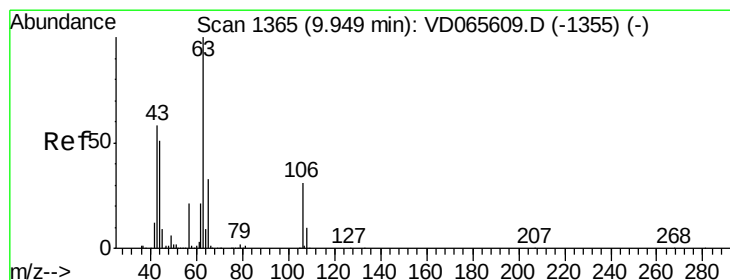
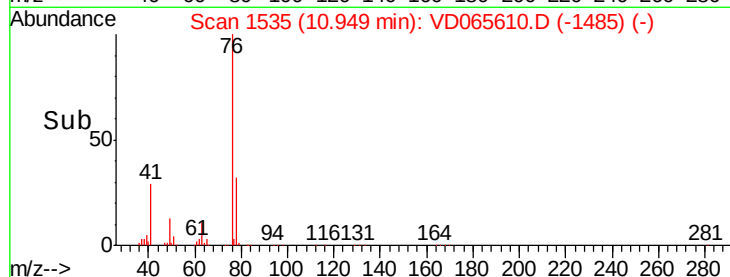
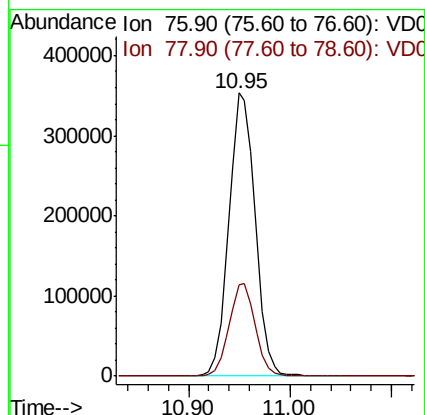
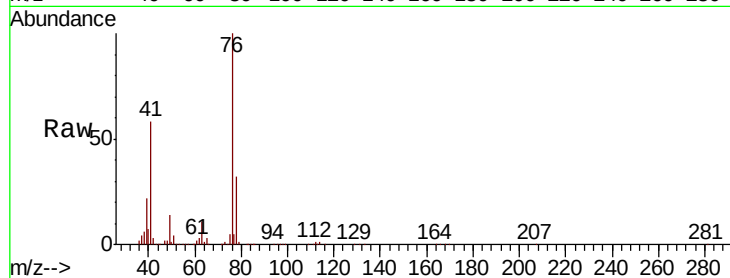
ClientSampleId :

Tot Ion: 76 Resp: 634545

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 581.511 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD065610.D

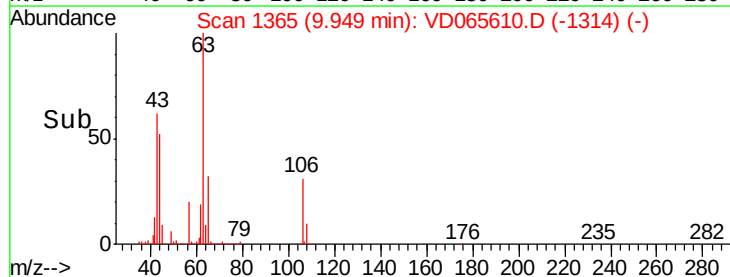
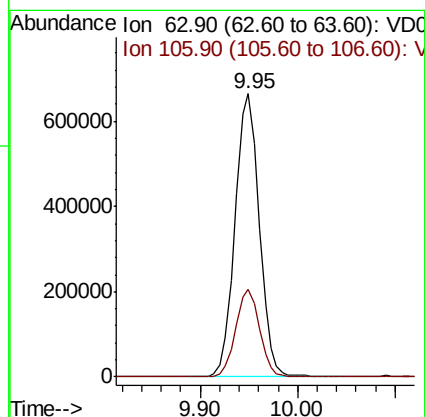
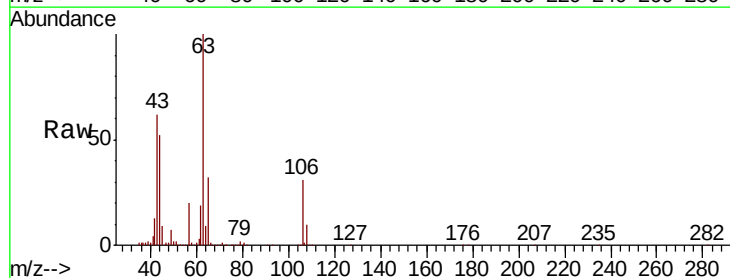
Acq: 09 Apr 2020 12:31

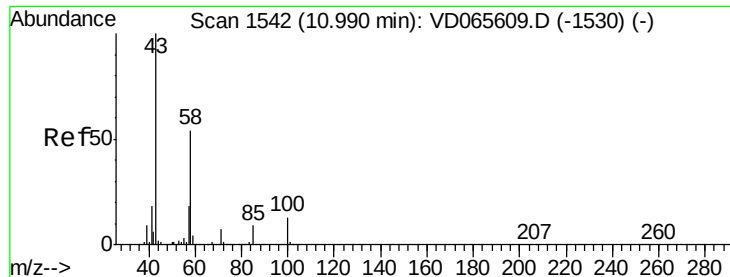
Tgt Ion: 63 Resp: 1147397

Ion Ratio Lower Upper

63 100

106 30.6 24.2 36.2

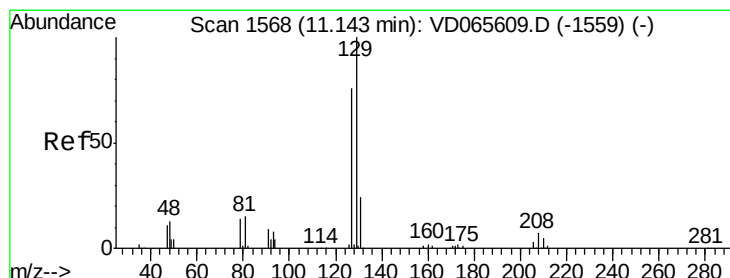
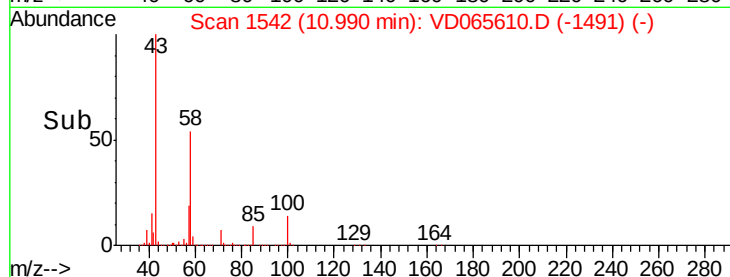
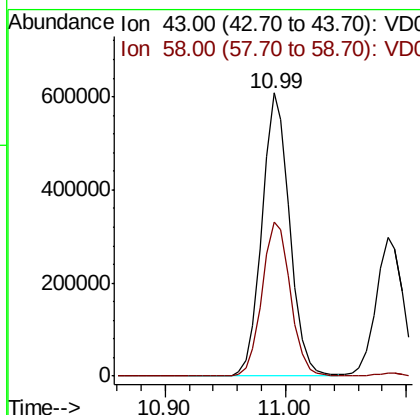
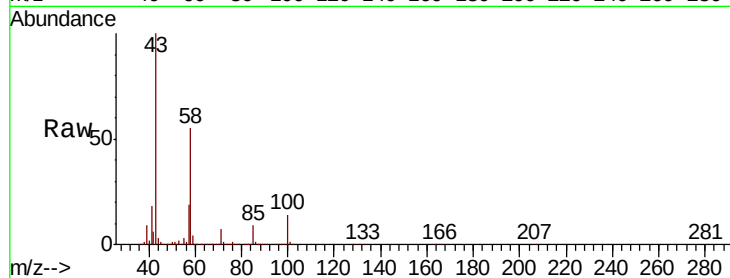




#59
2-Hexanone
Concen: 589.024 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

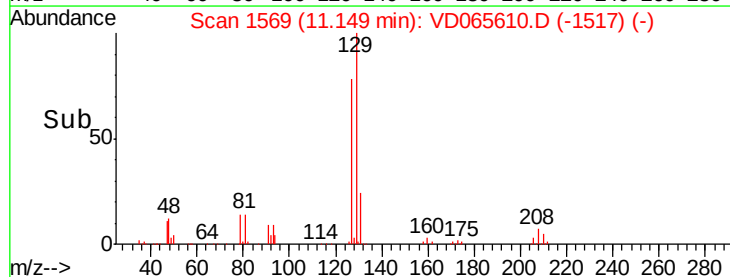
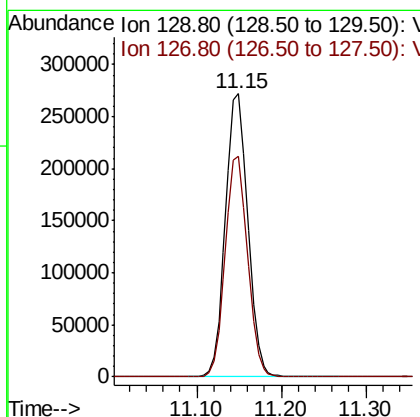
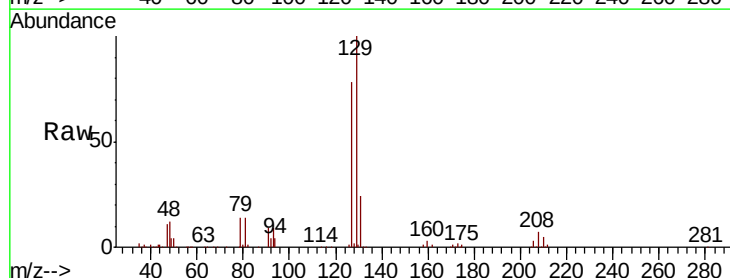
Instrument :
MSVOA_D
ClientSampled :

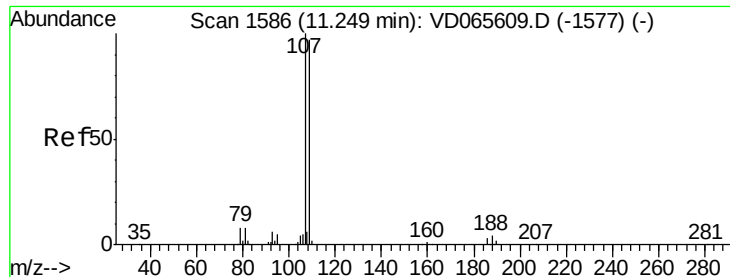
Tot Ion: 43 Resp: 970129
Ion Ratio Lower Upper
43 100
58 56.1 27.1 81.3



#60
Dibromochloromethane
Concen: 100.666 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion: 129 Resp: 499455
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3

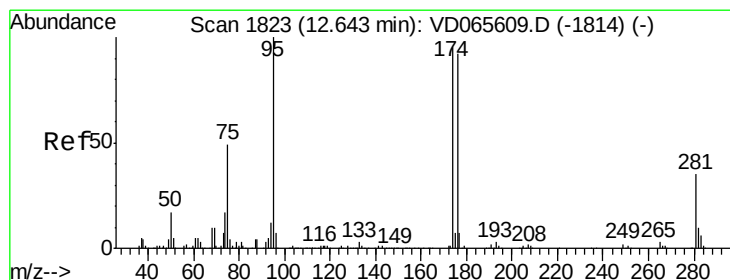
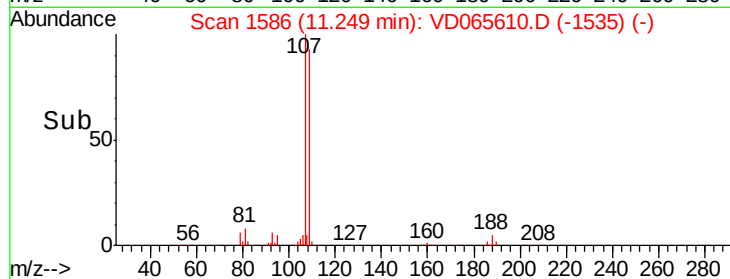
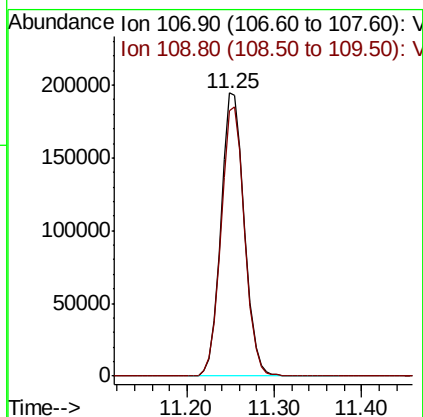
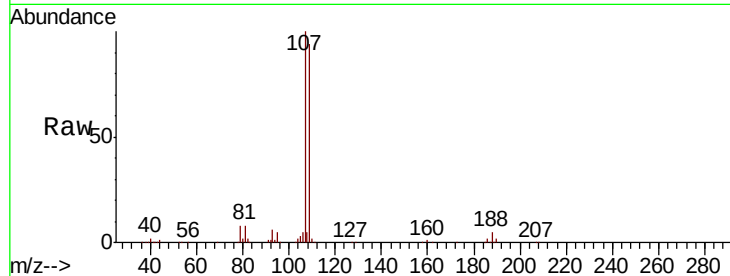




#61
 1,2-Dibromoethane
 Concen: 101.478 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

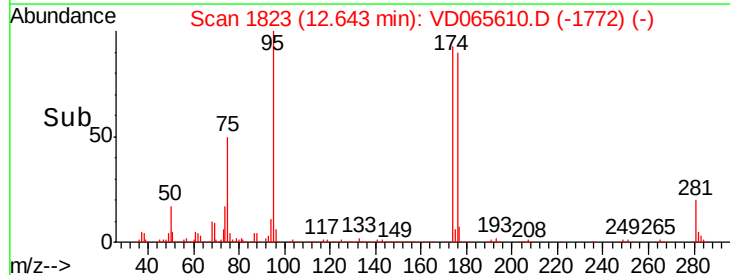
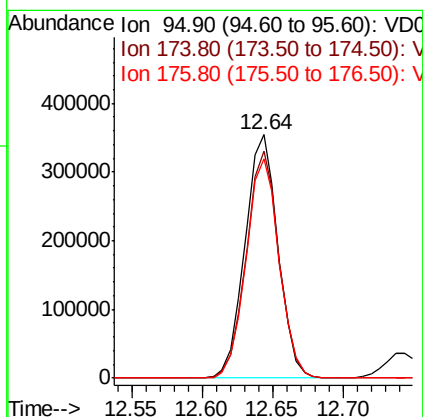
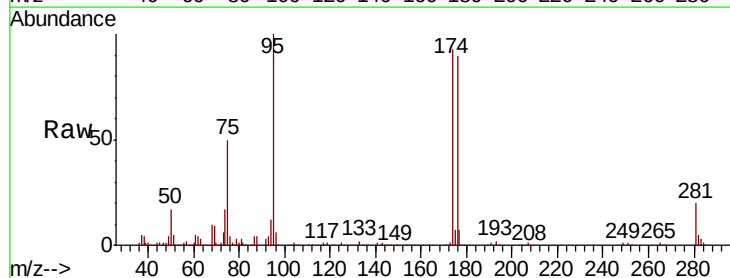
Instrument :
 MSVOA_D
 ClientSampleId :

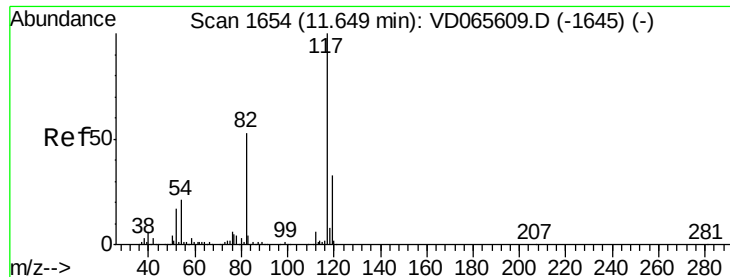
Tot Ion:107 Resp: 359360
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 102.532 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion: 95 Resp: 579600
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 182.8
 176 90.3 0.0 176.6

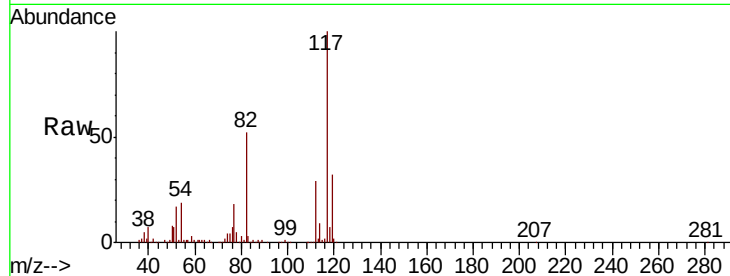




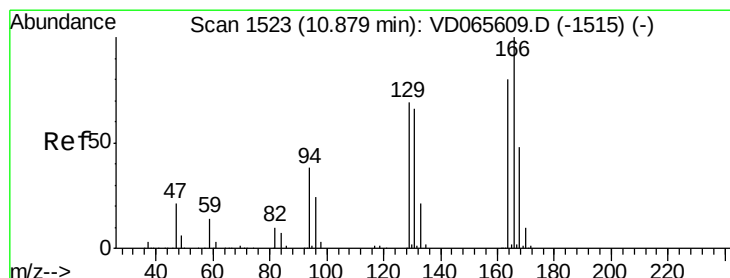
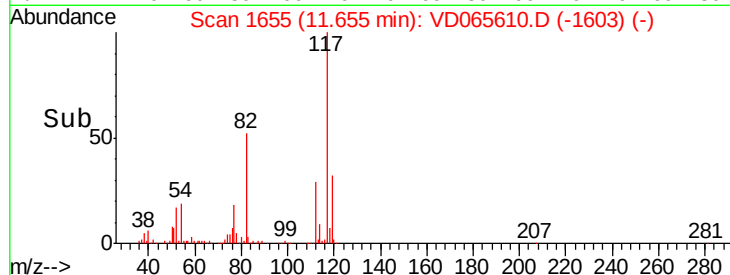
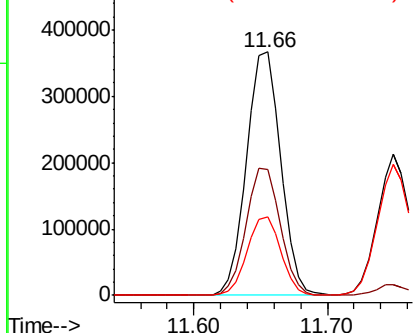
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 650393
Ion Ratio Lower Upper
117 100
82 51.7 42.6 64.0
119 32.1 26.7 40.1

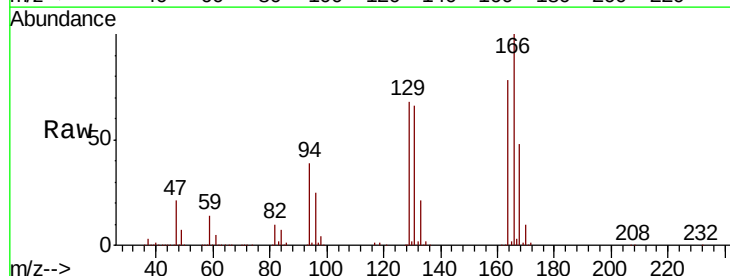


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

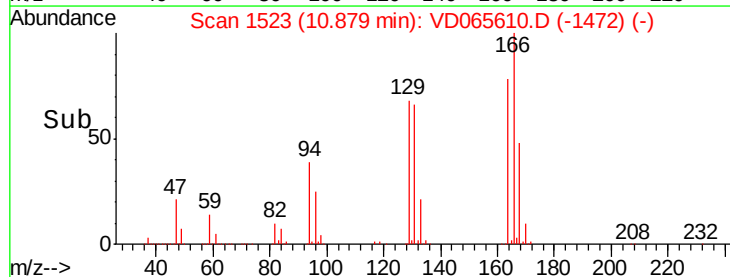
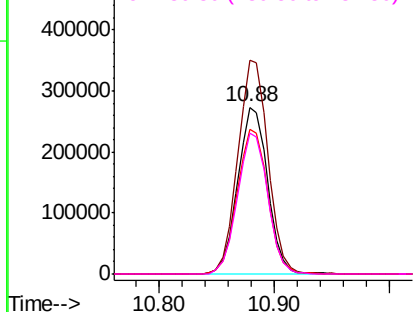


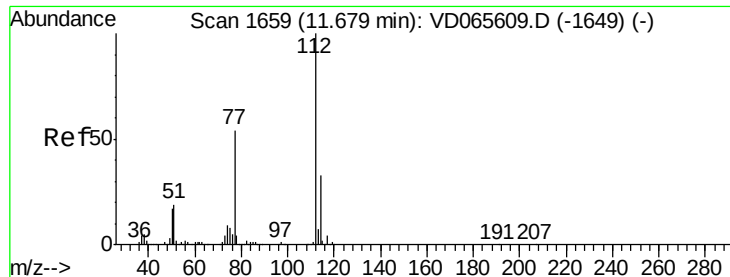
#64
Tetrachloroethene
Concen: 95.134 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion:164 Resp: 492155
Ion Ratio Lower Upper
164 100
166 127.9 100.2 150.2
129 86.4 69.5 104.3
131 84.7 65.8 98.6



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: 98.497 ug/l

RT: 11.68 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

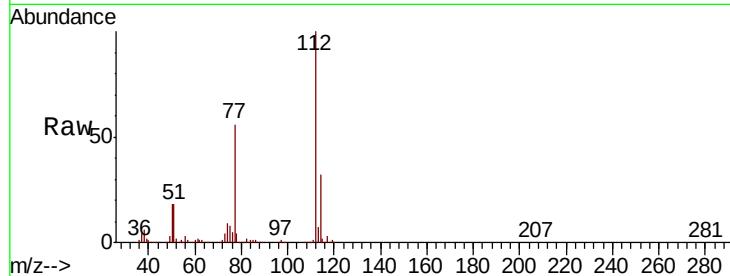
ClientSampleId :

Tot Ion:112 Resp: 1387386

Ion Ratio Lower Upper

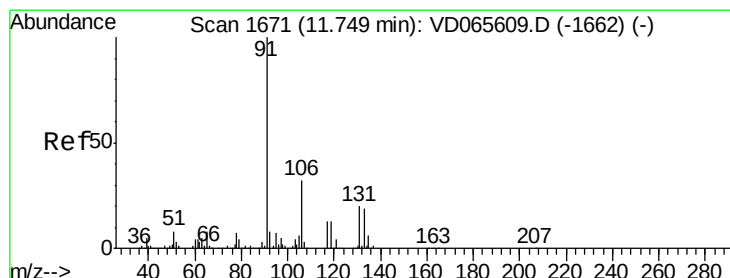
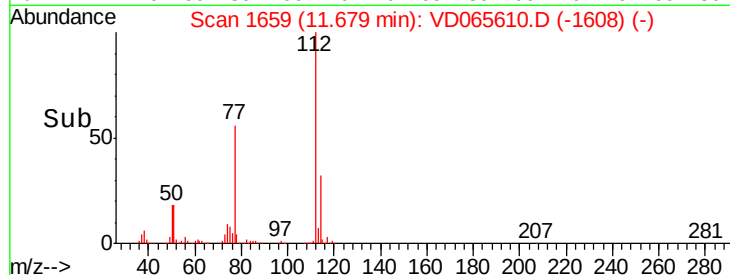
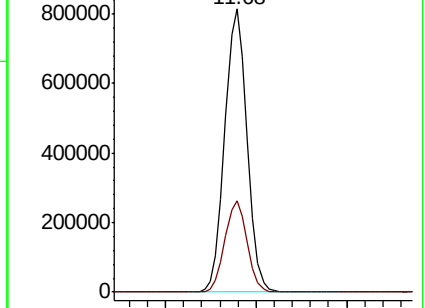
112 100

114 32.2 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 100.206 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

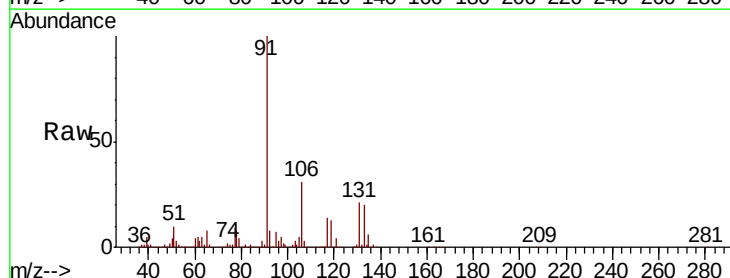
Tgt Ion:131 Resp: 537689

Ion Ratio Lower Upper

131 100

133 95.7 47.3 142.0

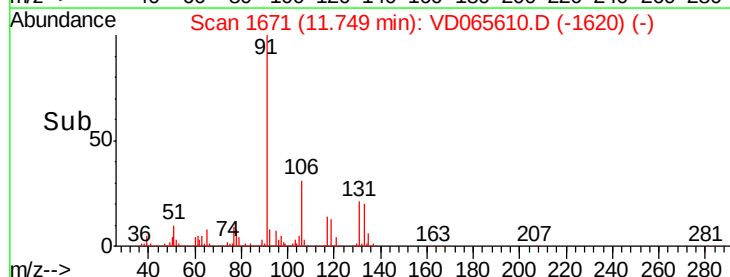
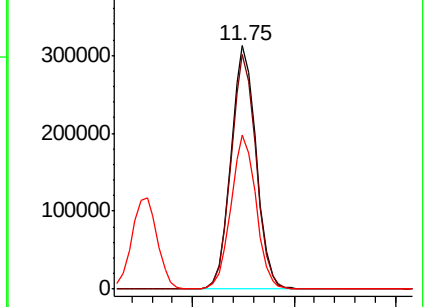
119 63.1 31.9 95.9

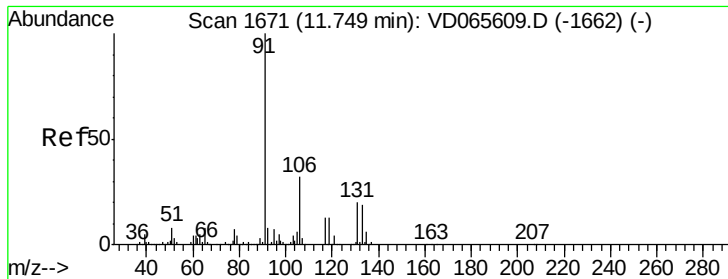


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 107.011 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

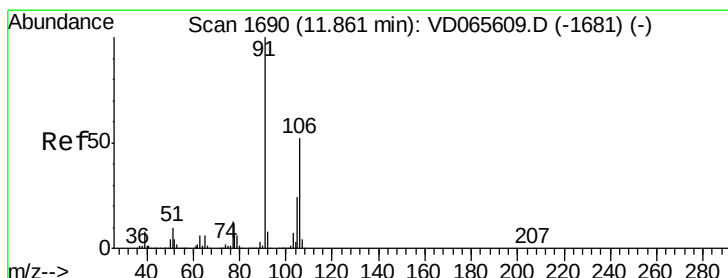
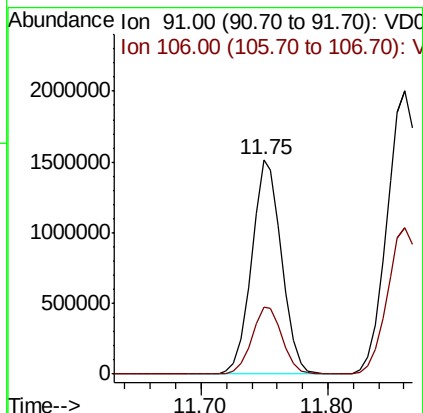
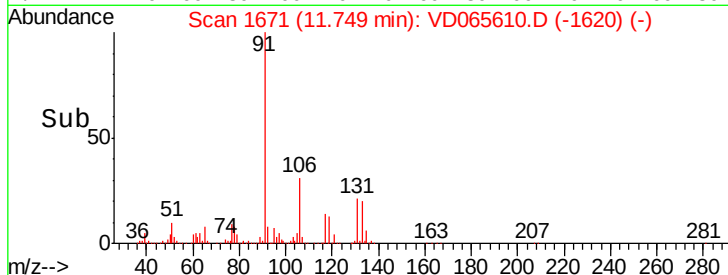
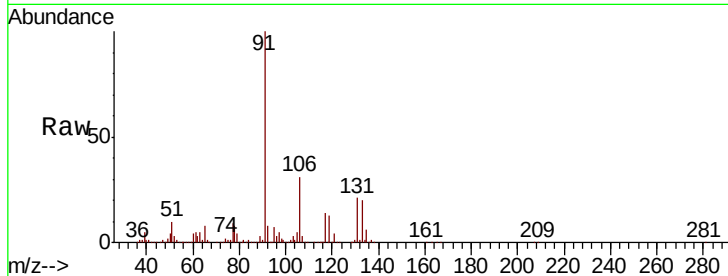
ClientSampleId :

Tot Ion: 91 Resp: 2489018

Ion Ratio Lower Upper

91 100

106 31.4 25.6 38.4



#68

m/p-Xylenes

Concen: 212.270 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065610.D

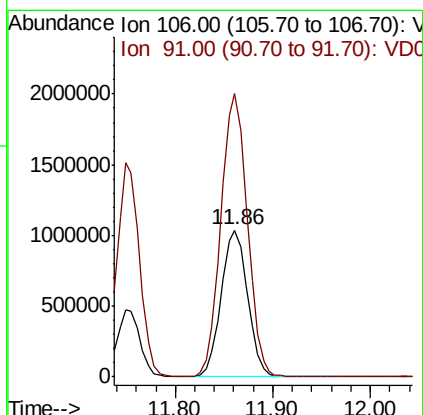
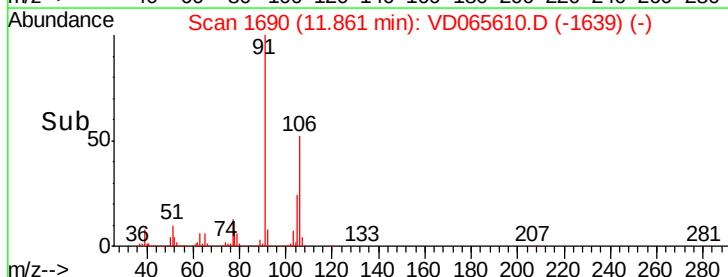
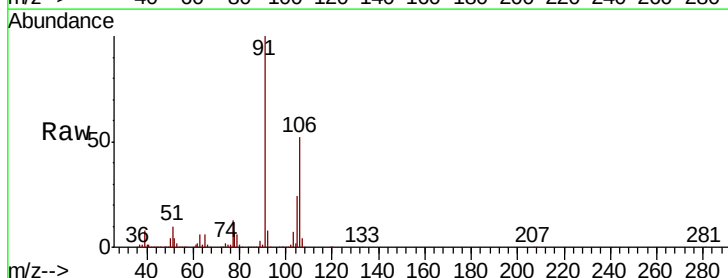
Acq: 09 Apr 2020 12:31

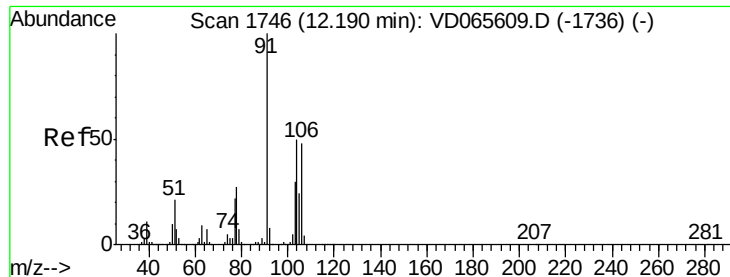
Tgt Ion:106 Resp: 1947886

Ion Ratio Lower Upper

106 100

91 193.4 155.0 232.4

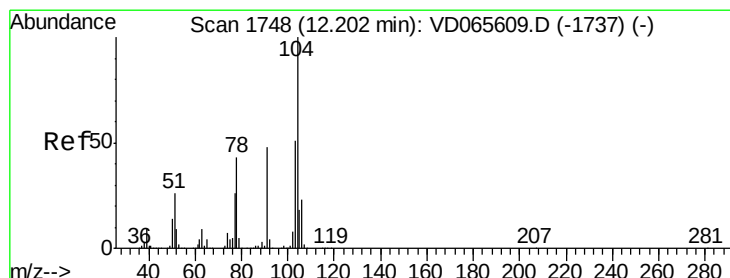
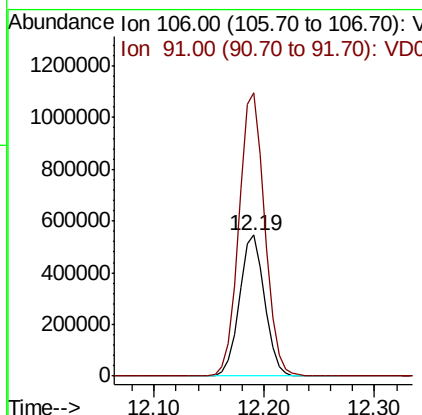
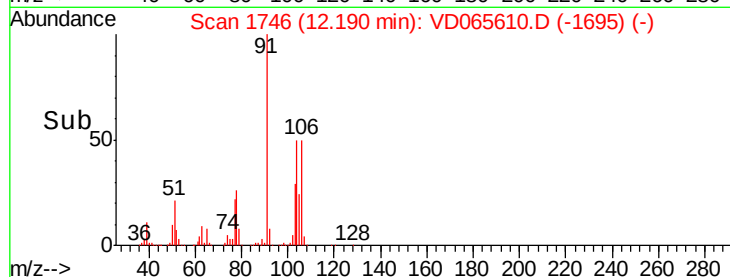
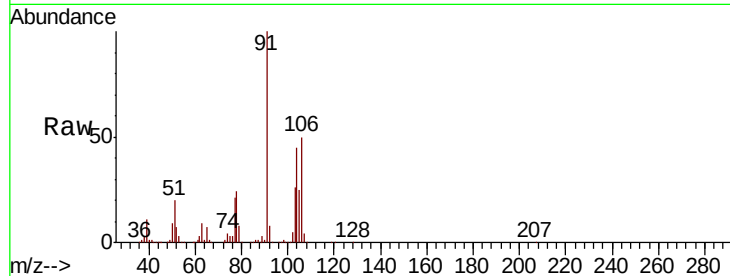




#69
o-Xylene
Concen: 110.892 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

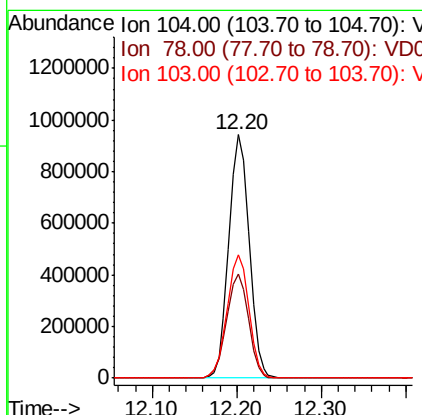
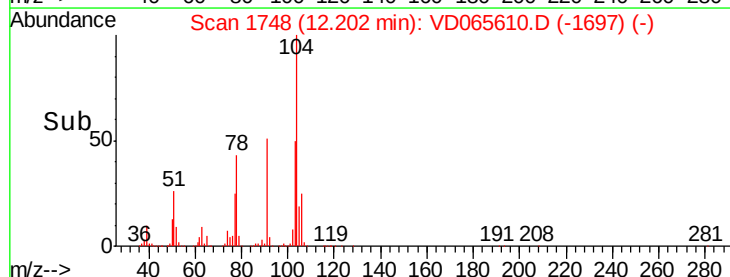
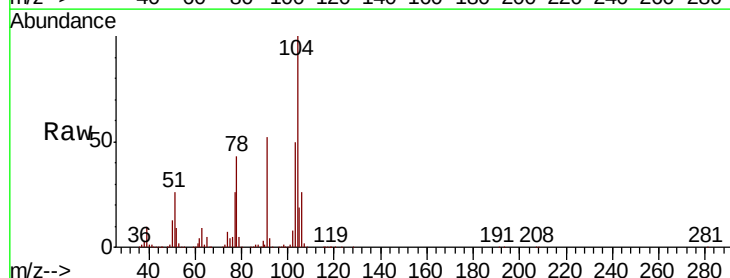
Instrument :
MSVOA_D
ClientSampleId :

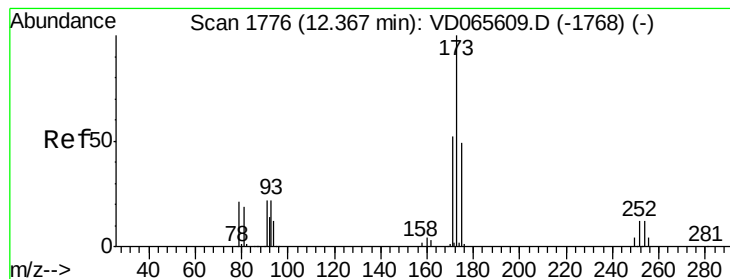
Tot Ion:106 Resp: 876865
Ion Ratio Lower Upper
106 100
91 205.3 103.8 311.3



#70
Styrene
Concen: 111.893 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion:104 Resp: 1564246
Ion Ratio Lower Upper
104 100
78 46.1 37.1 55.7
103 54.2 43.2 64.8





#71

Bromoform

Concen: 100.296 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

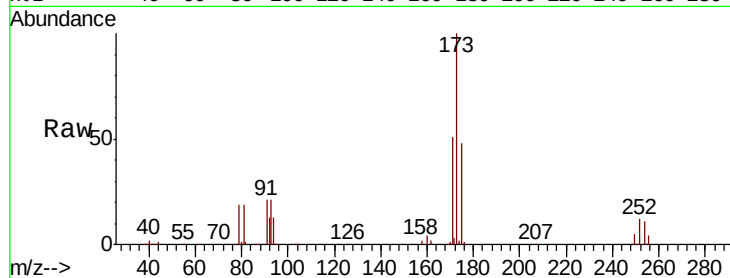
Tot Ion:173 Resp: 301830

Ion Ratio Lower Upper

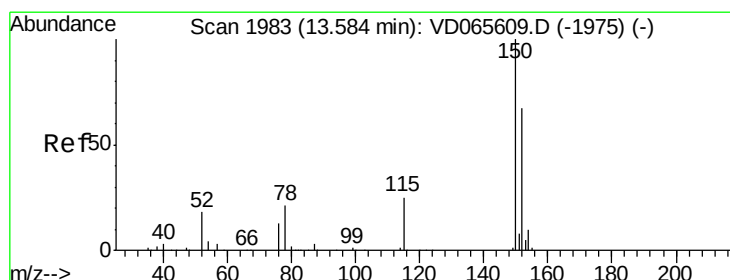
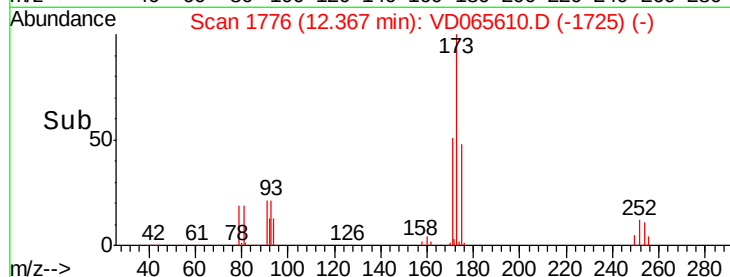
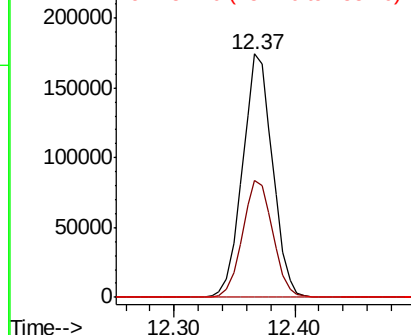
173 100

175 48.5 24.5 73.5

254 0.1 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: VD065610.D

Acq: 09 Apr 2020 12:31

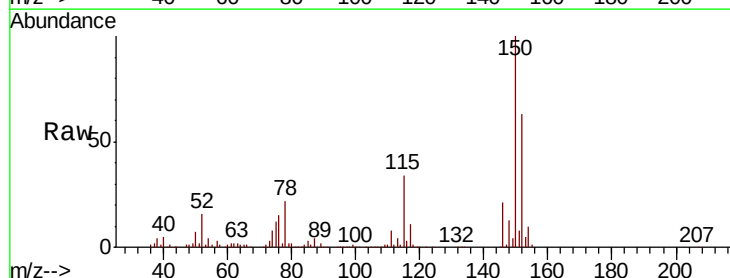
Tgt Ion:152 Resp: 335944

Ion Ratio Lower Upper

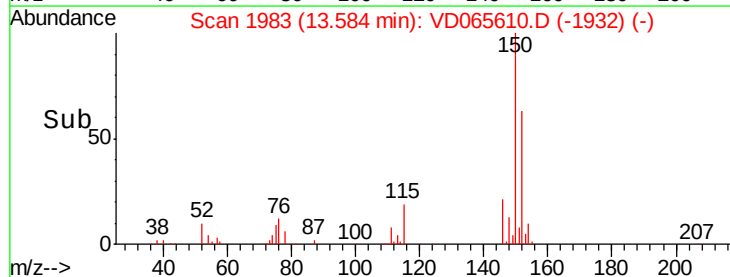
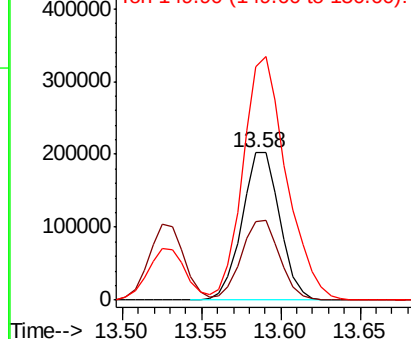
152 100

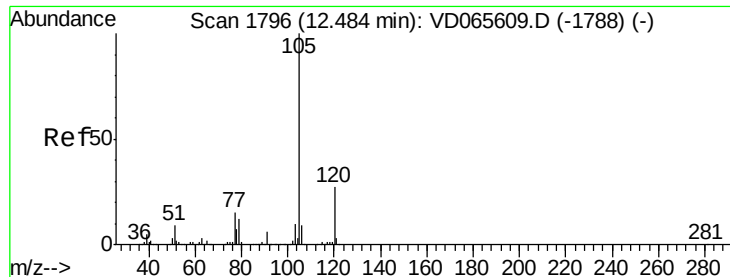
115 54.3 27.1 81.2

150 188.9 0.0 348.2



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: 109.657 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

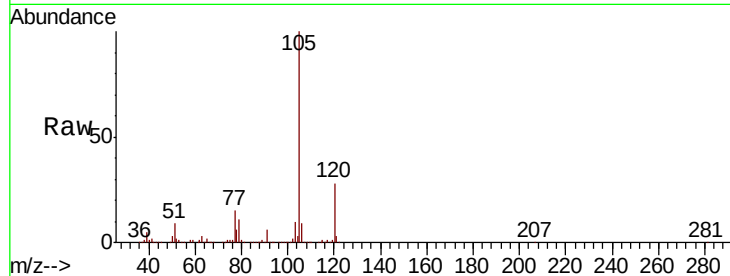
ClientSampleId :

Tot Ion:105 Resp: 2347242

Ion Ratio Lower Upper

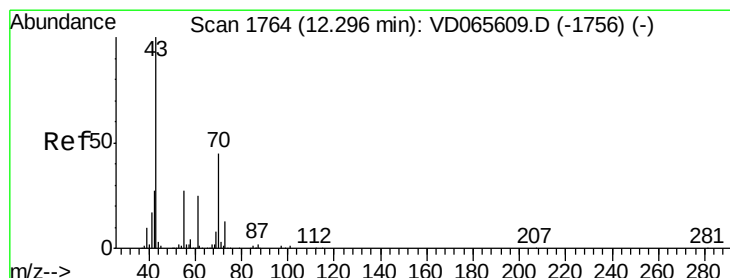
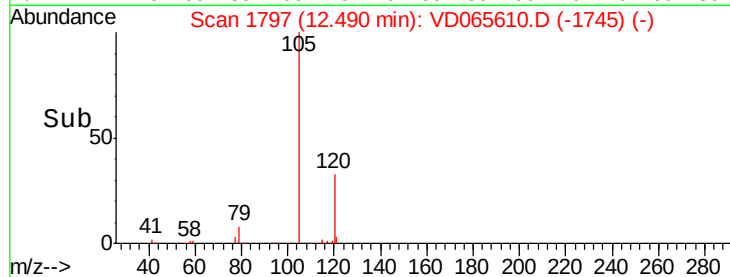
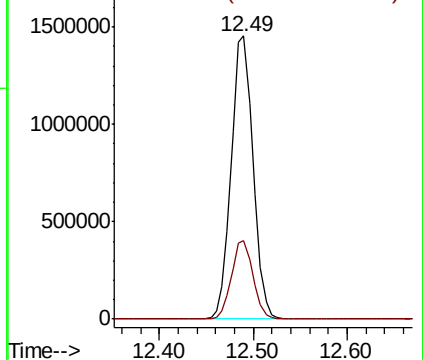
105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 119.262 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Tgt Ion: 43 Resp: 505569

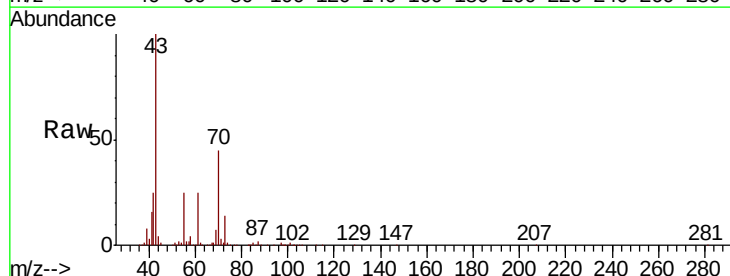
Ion Ratio Lower Upper

43 100

70 44.7 35.2 52.8

55 26.0 22.5 33.7

61 24.8 19.4 29.0

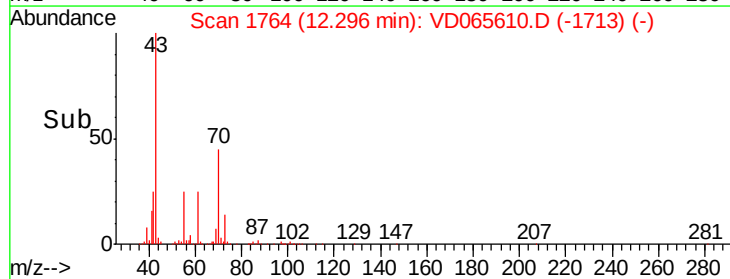
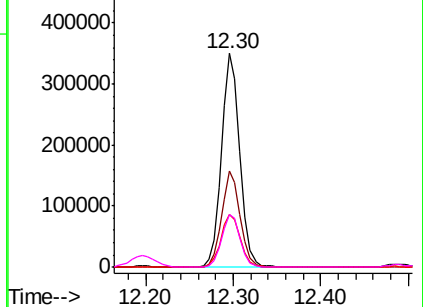


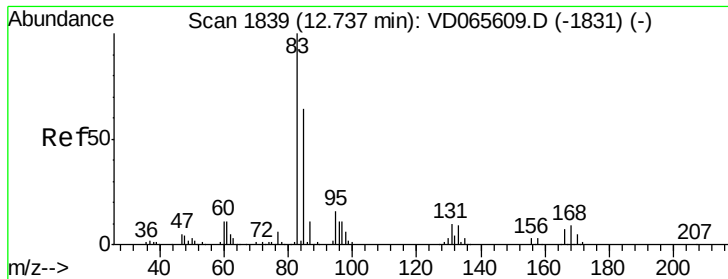
Abundance Ion 43.00 (42.70 to 43.70): V

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: 98.936 ug/l

RT: 12.74 min Scan# 1840

Delta R.T. 0.01 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

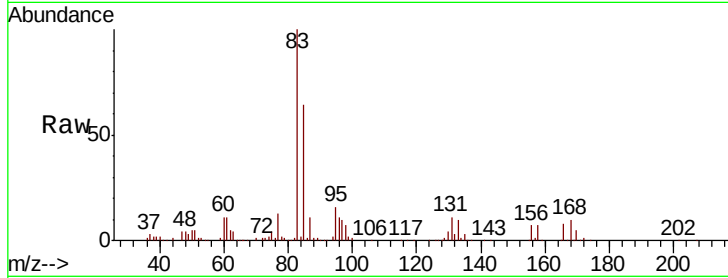
Tot Ion: 83 Resp: 389293

Ion Ratio Lower Upper

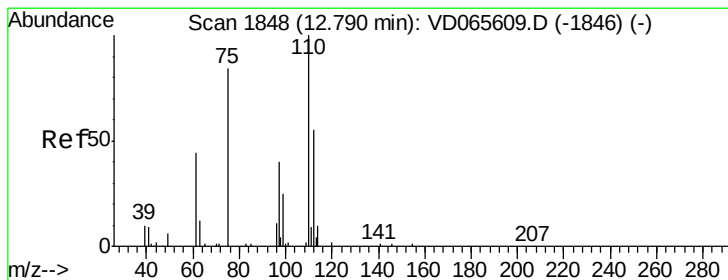
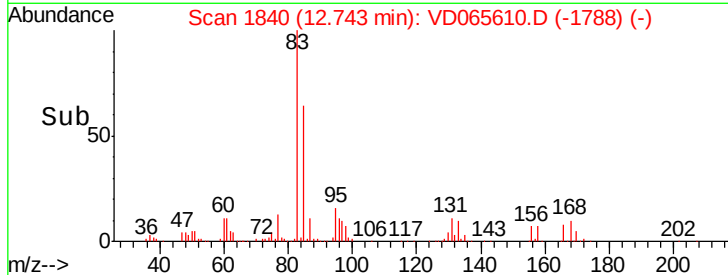
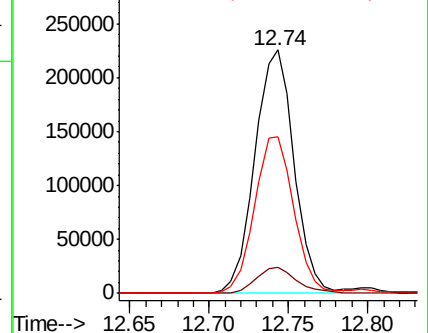
83 100

131 11.3 5.7 17.0

85 64.4 31.8 95.4



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: 115.039 ug/l

RT: 12.80 min Scan# 1849

Delta R.T. 0.01 min

Lab File: VD065610.D

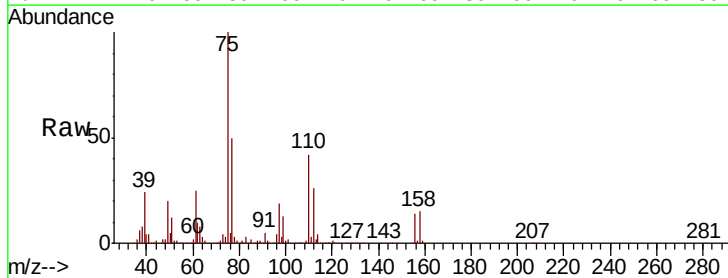
Acq: 09 Apr 2020 12:31

Tgt Ion: 75 Resp: 519246

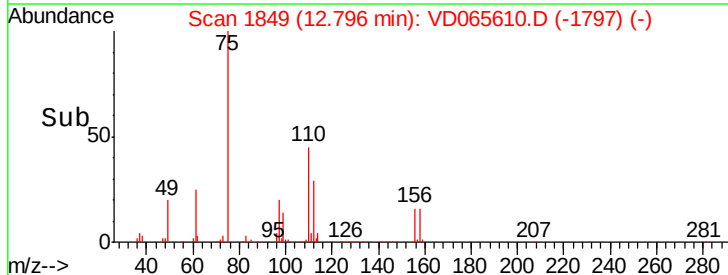
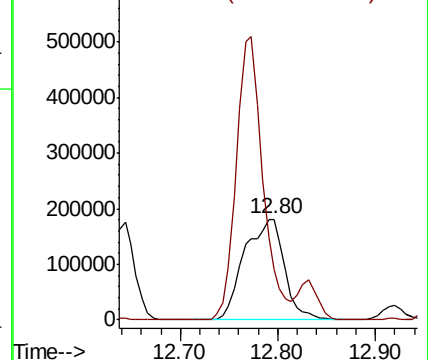
Ion Ratio Lower Upper

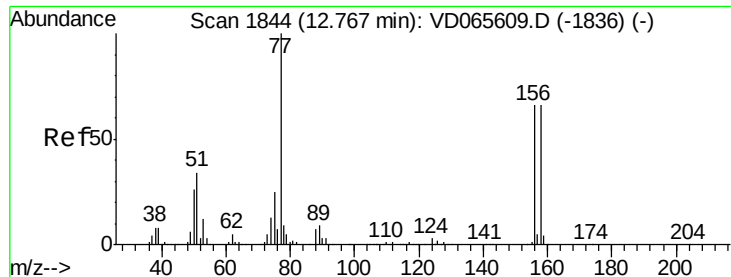
75 100

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: 100.918 ug/l

RT: 12.77 min Scan# 1845

Delta R.T. 0.01 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

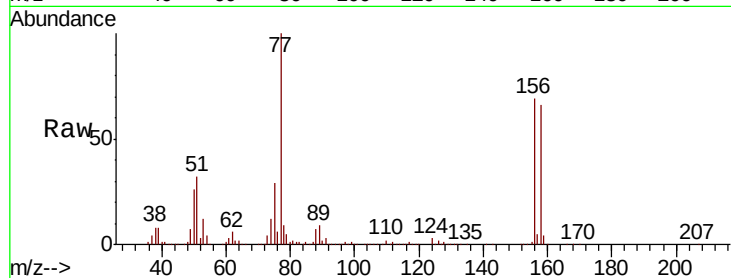
Tot Ion:156 Resp: 592214

Ion Ratio Lower Upper

156 100

77 164.0 80.3 240.9

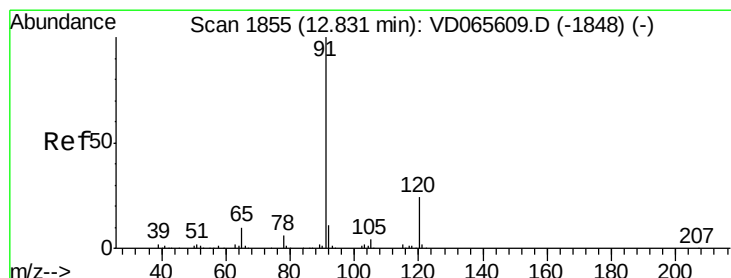
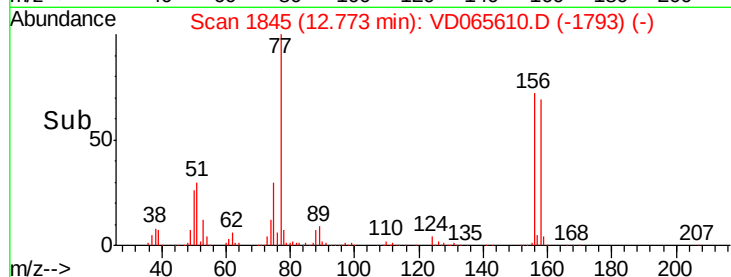
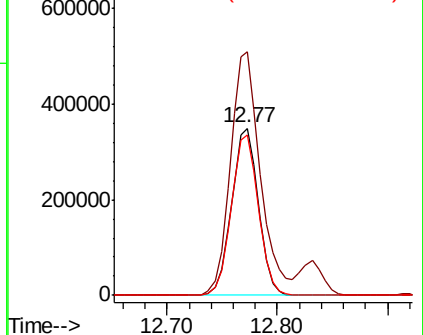
158 97.2 48.5 145.5



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: 107.198 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VD065610.D

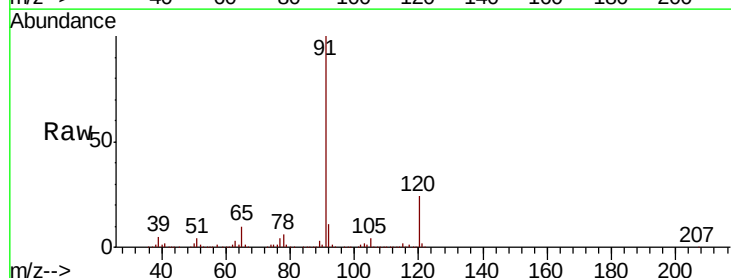
Acq: 09 Apr 2020 12:31

Tgt Ion: 91 Resp: 2769283

Ion Ratio Lower Upper

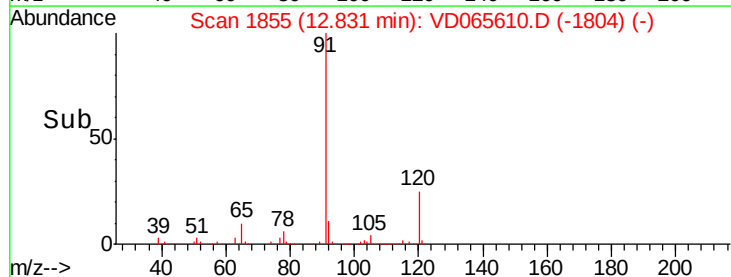
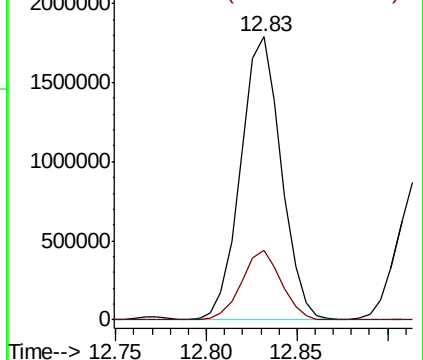
91 100

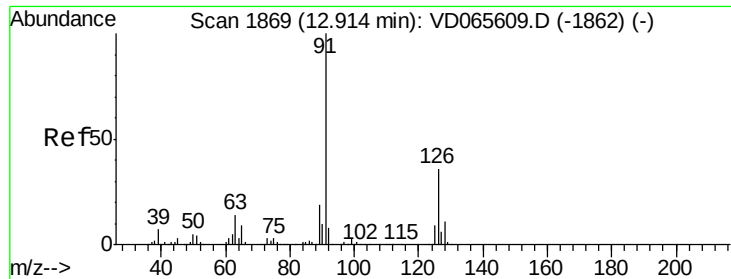
120 24.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

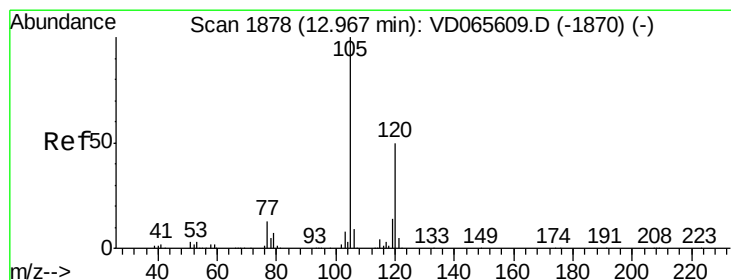
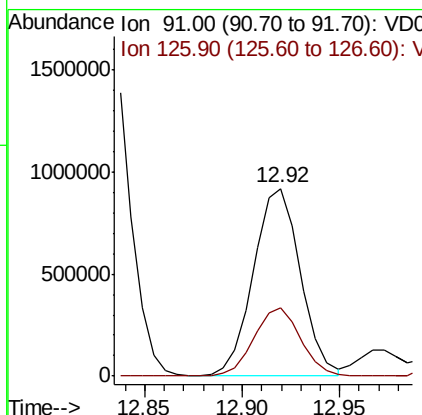
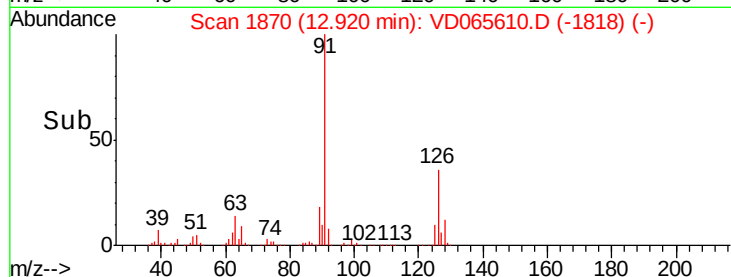
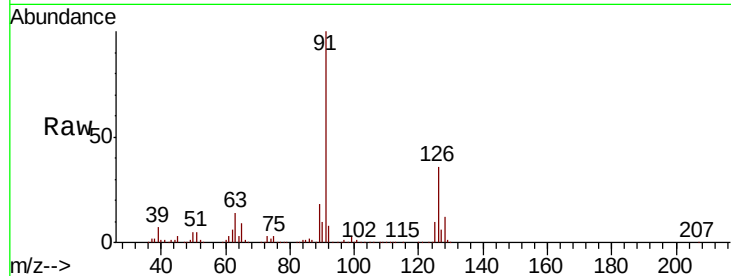




#79
 2-Chlorotoluene
 Concen: 103.390 ug/l
 RT: 12.92 min Scan# 1870
 Delta R.T. 0.01 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

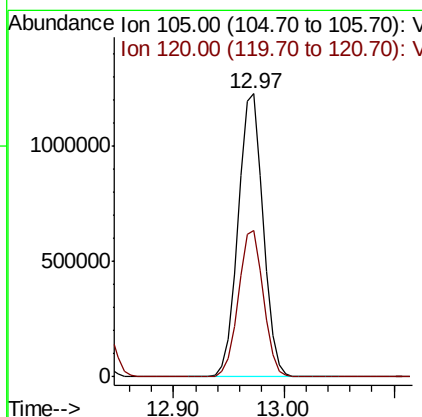
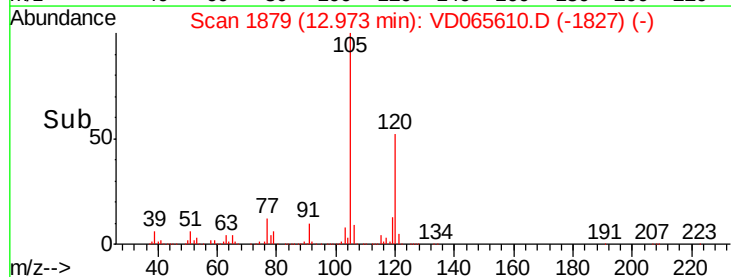
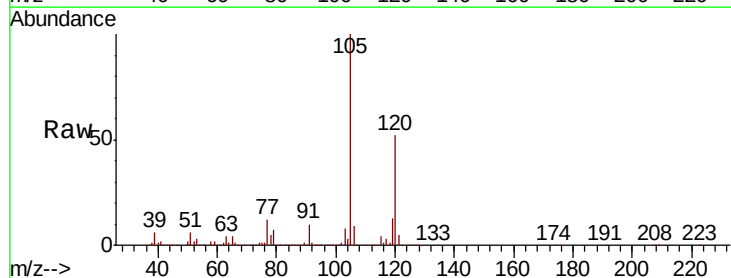
Instrument :
 MSVOA_D
 ClientSampleId :

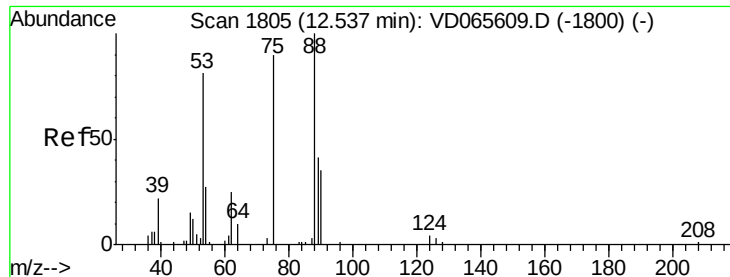
Tot Ion: 91 Resp: 1530729
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 108.555 ug/l
 RT: 12.97 min Scan# 1879
 Delta R.T. 0.01 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion:105 Resp: 1958444
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 116.701 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

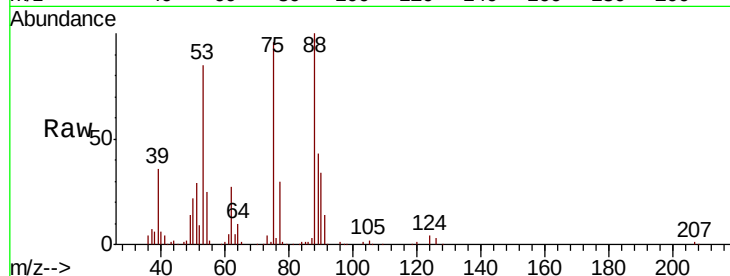
Tot Ion: 75 Resp: 135744

Ion Ratio Lower Upper

75 100

53 92.8 73.8 110.8

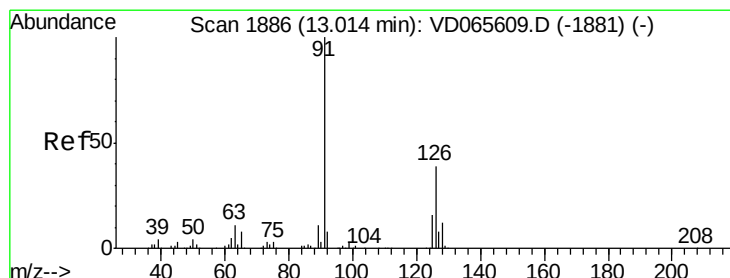
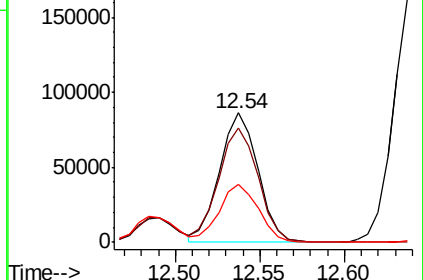
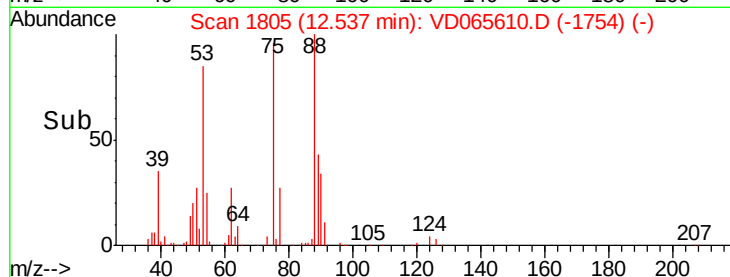
89 46.3 36.1 54.1



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: 101.896 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065610.D

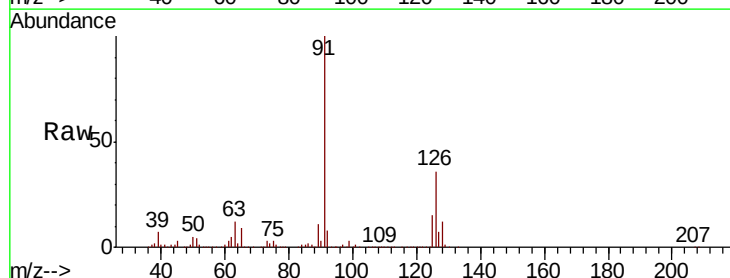
Acq: 09 Apr 2020 12:31

Tgt Ion: 91 Resp: 1623773

Ion Ratio Lower Upper

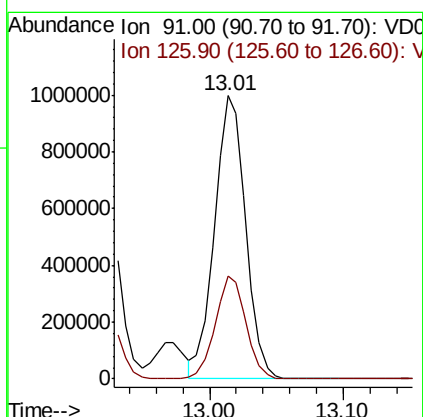
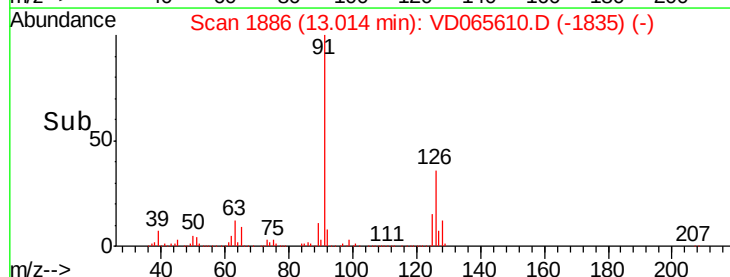
91 100

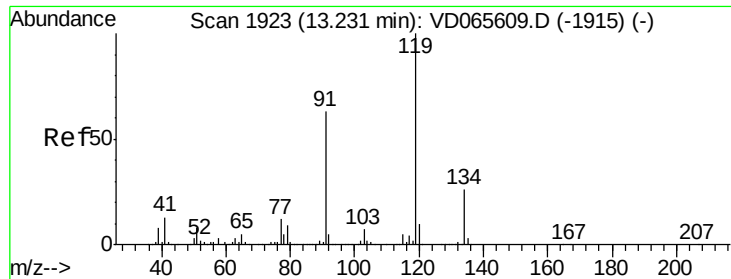
126 36.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

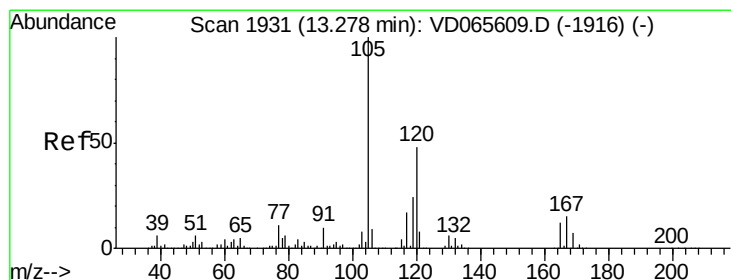
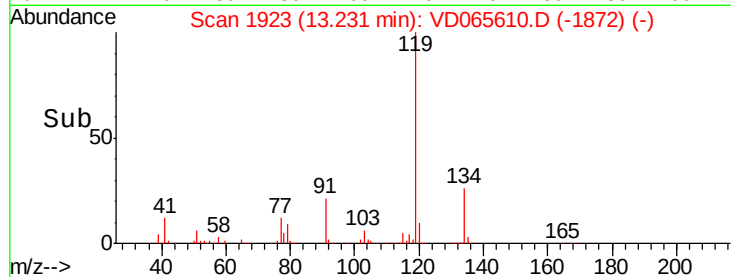
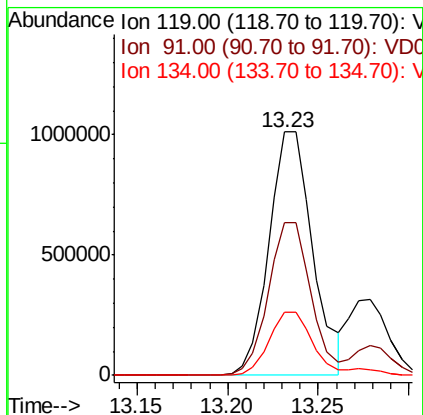
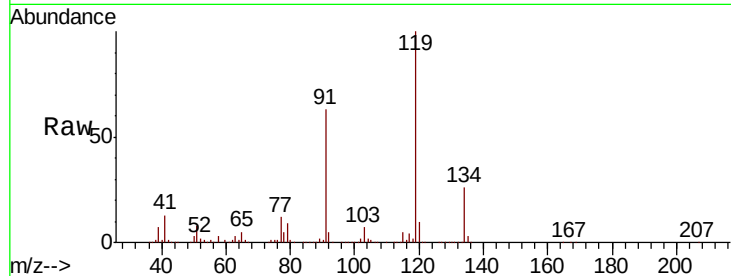




#83
 tert-Butylbenzene
 Concen: 113.030 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

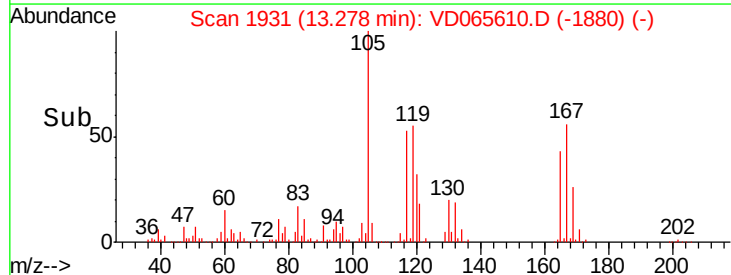
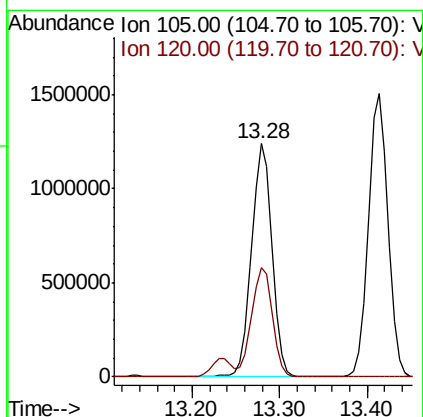
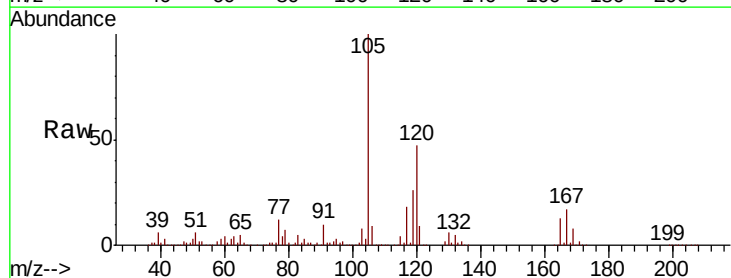
Instrument :
 MSVOA_D
 ClientSampleId :

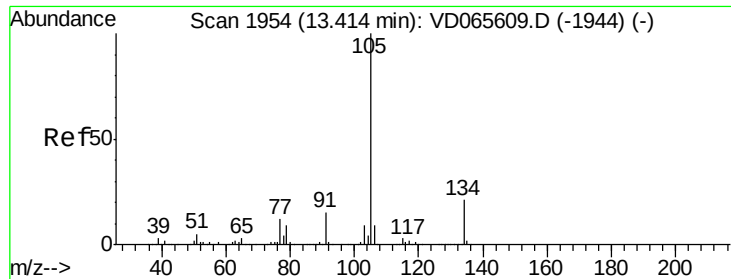
Tot Ion:119 Resp: 1705125
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.4 91.2
 134 27.5 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 109.175 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion:105 Resp: 1957305
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6





#85

sec-Butylbenzene

Concen: 108.612 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

Instrument :

MSVOA_D

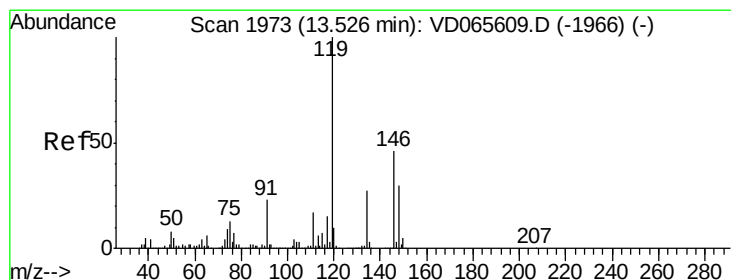
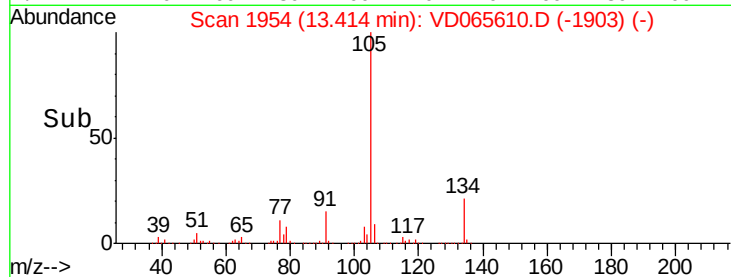
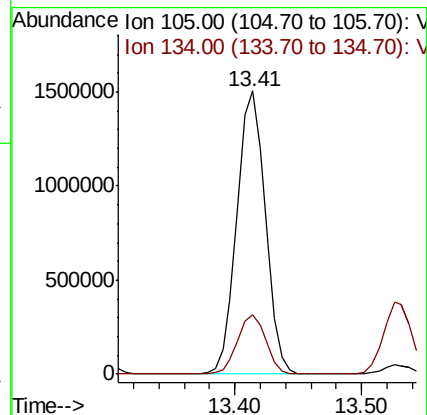
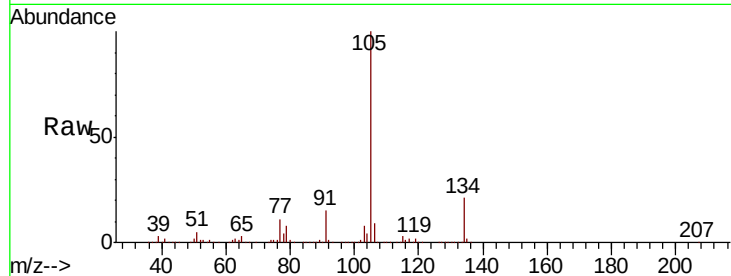
ClientSampleId :

Tot Ion:105 Resp: 2331457

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



#86

p-Isopropyltoluene

Concen: 110.738 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065610.D

Acq: 09 Apr 2020 12:31

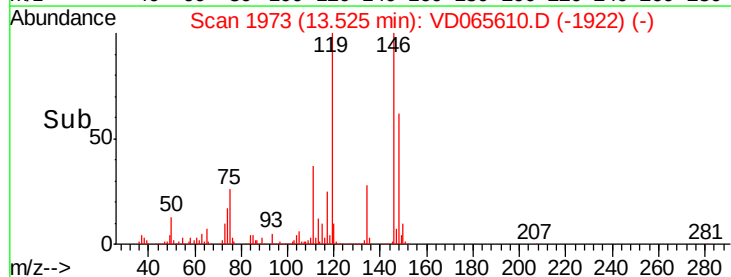
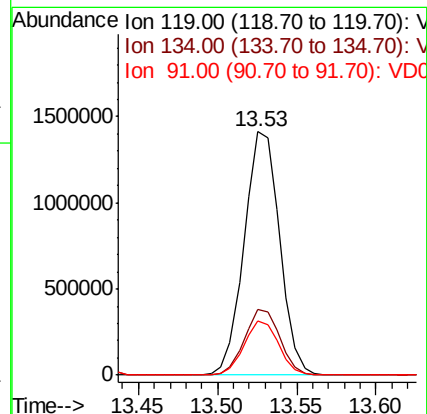
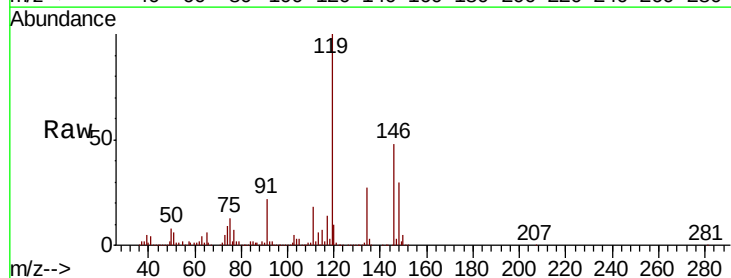
Tgt Ion:119 Resp: 2193639

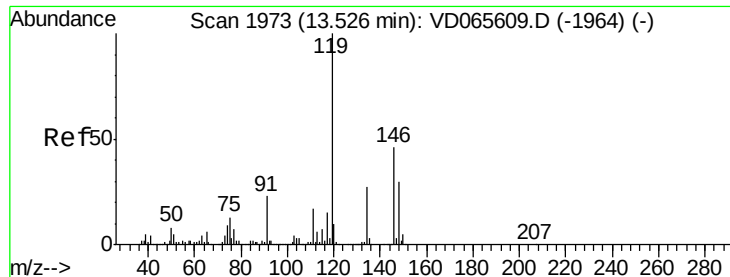
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 21.8 11.1 33.1

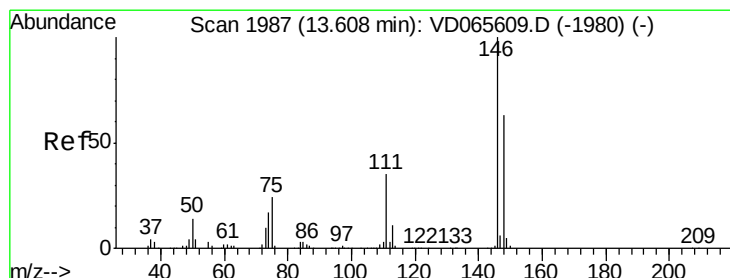
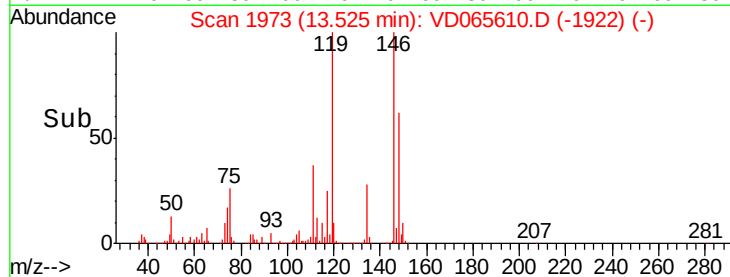
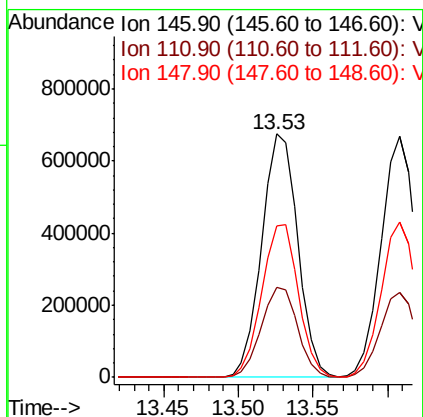
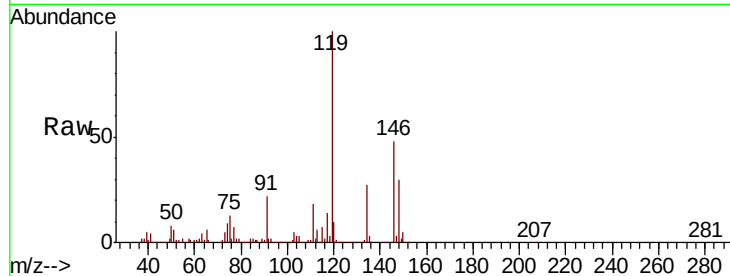




#87
 1,3-Dichlorobenzene
 Concen: 100.035 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

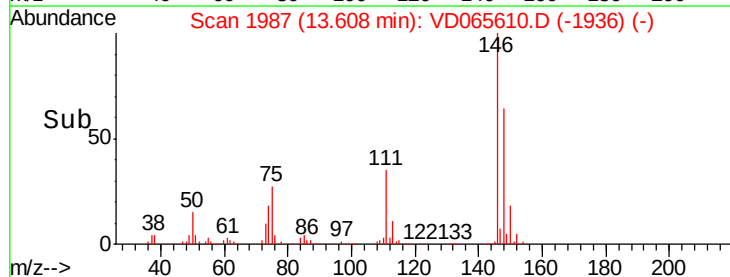
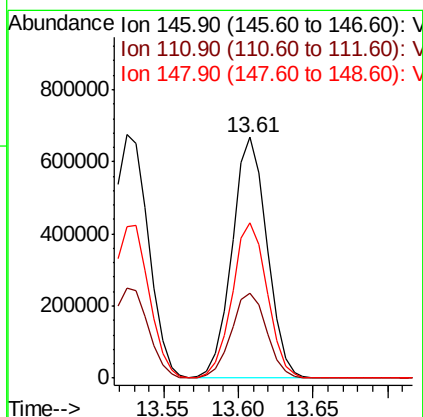
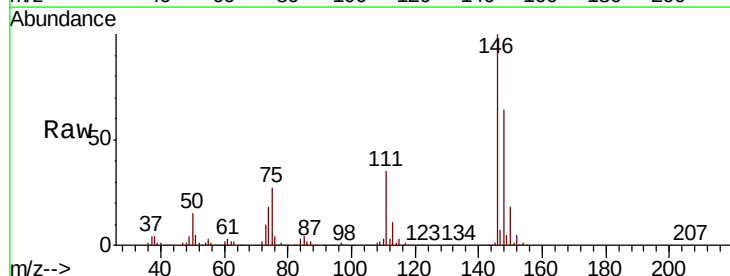
Instrument :
 MSVOA_D
 ClientSampleID :

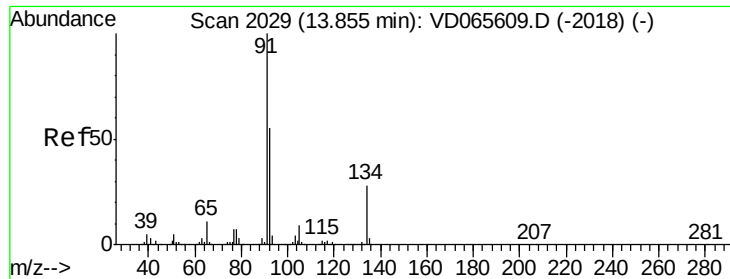
Tot Ion:146 Resp: 1132040
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 96.514 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion:146 Resp: 1090893
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.0 54.0
 148 64.2 31.8 95.4

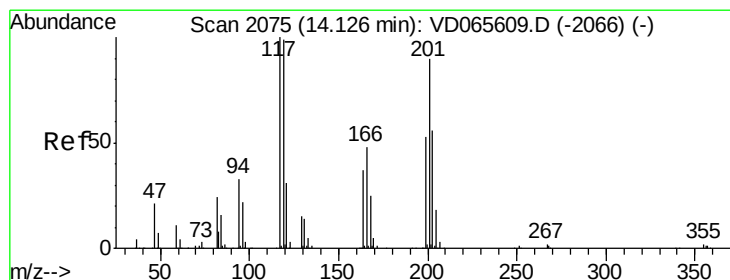
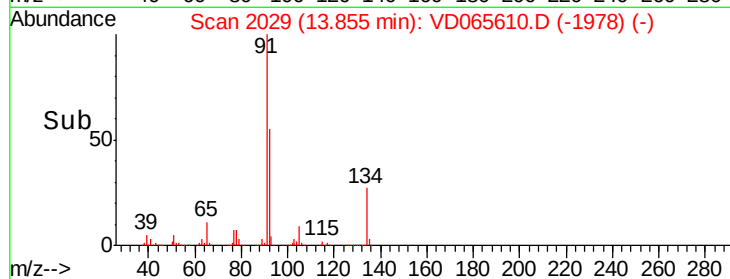
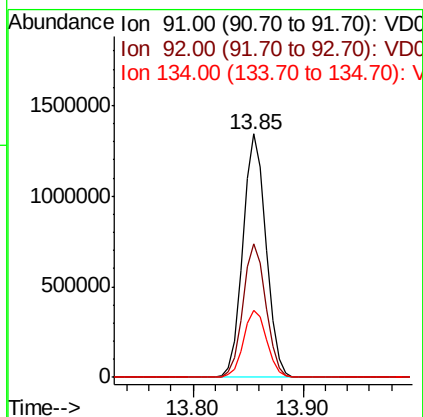
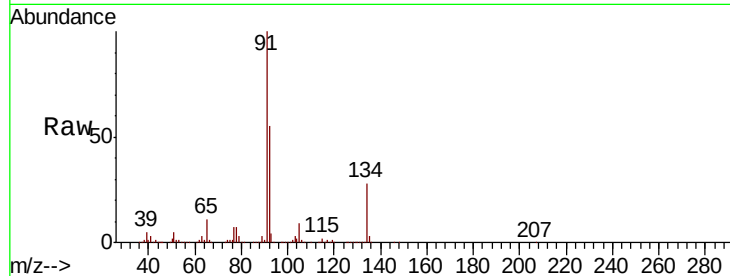




#89
n-Butylbenzene
Concen: 110.493 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

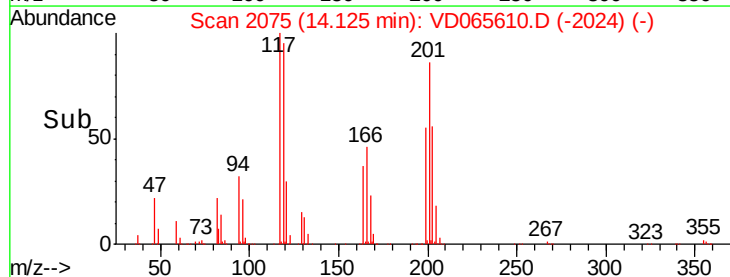
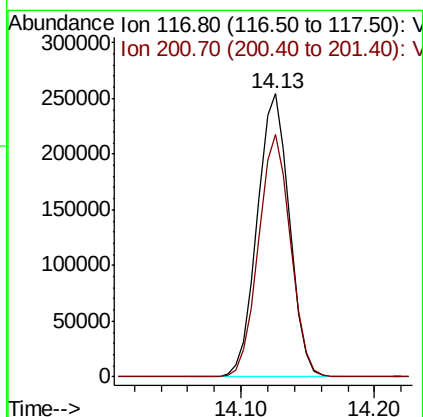
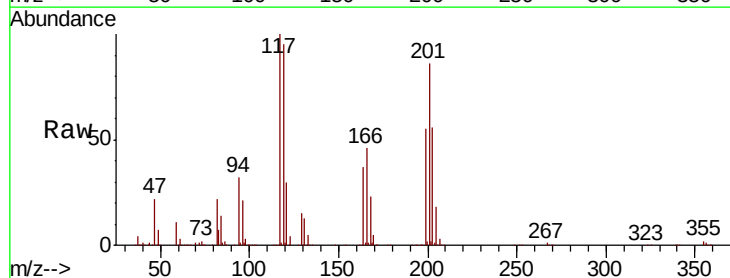
Instrument :
MSVOA_D
ClientSampleId :

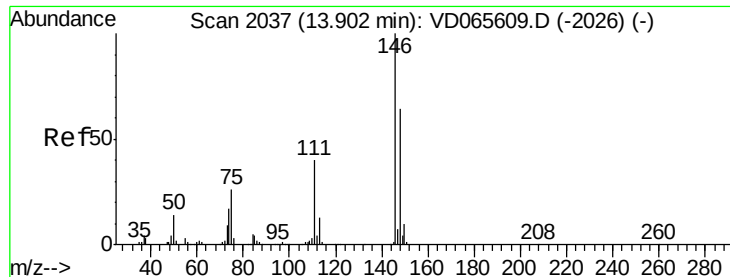
Tot Ion: 91 Resp: 1975316
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 27.9 13.9 41.7



#90
Hexachloroethane
Concen: 98.014 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion: 117 Resp: 423551
Ion Ratio Lower Upper
117 100
201 85.2 43.9 131.7

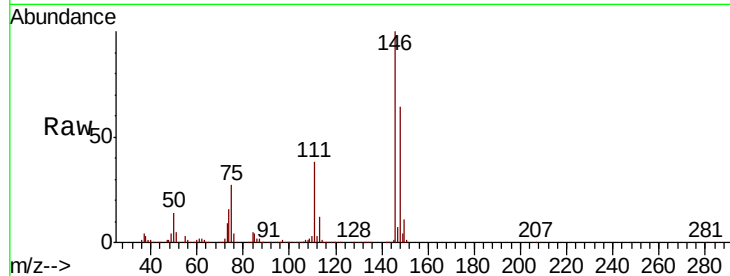




#91
 1,2-Dichlorobenzene
 Concen: 99.606 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	64.1	31.8	95.4

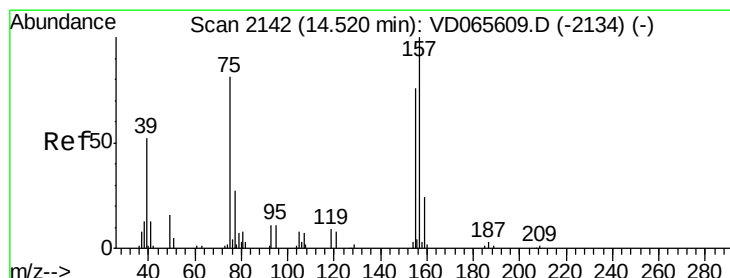
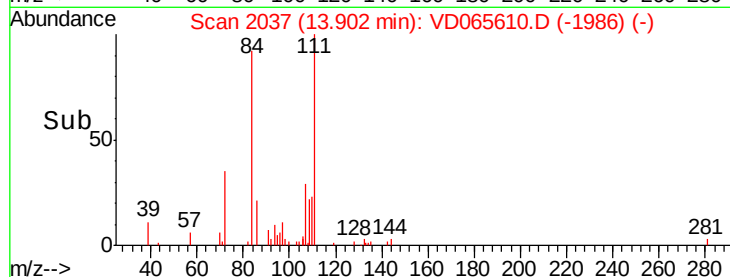
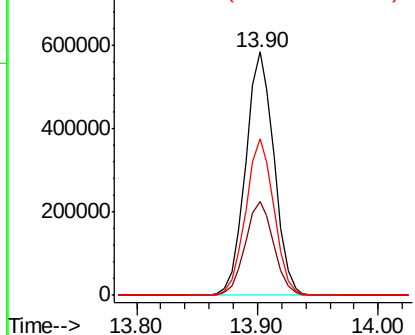


Abundance

Ion 145.90 (145.60 to 146.60): V

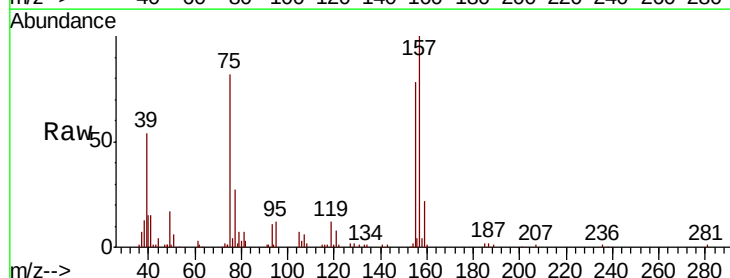
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.366 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	46.8	140.4
157	124.4	59.6	178.7

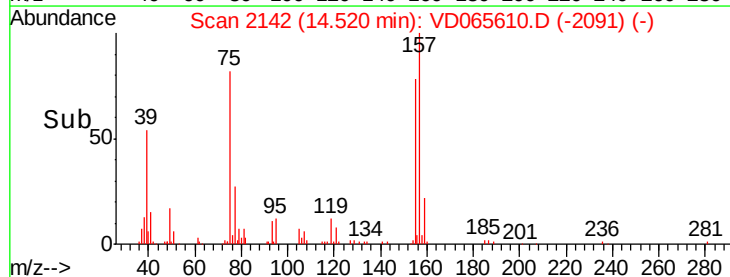
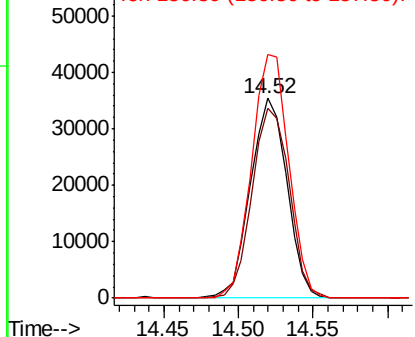


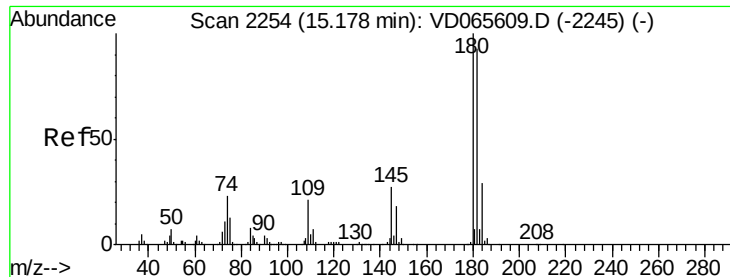
Abundance

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

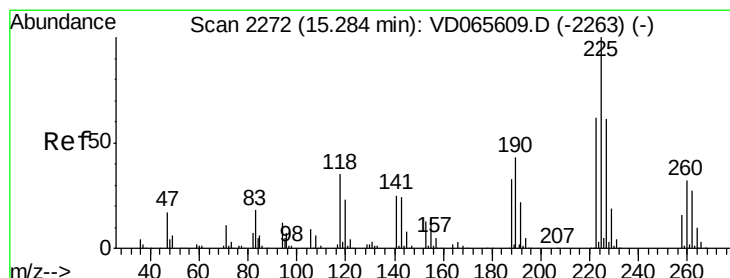
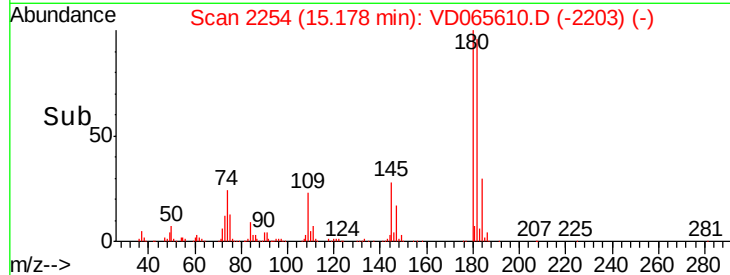
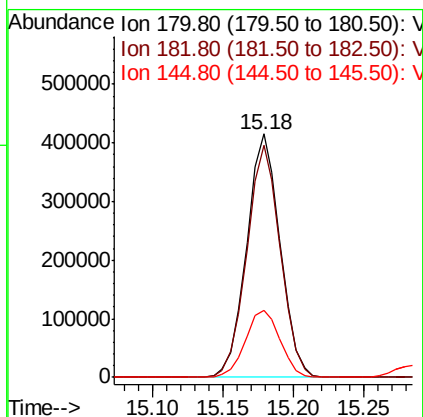
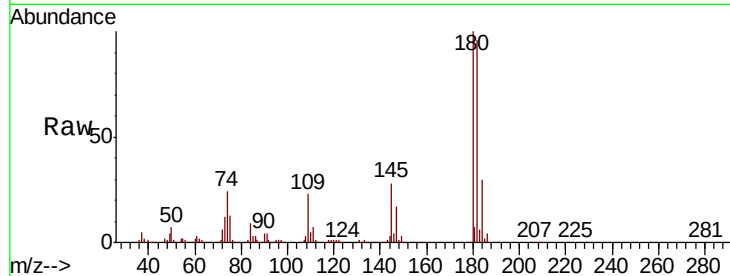




#93
 1,2,4-Trichlorobenzene
 Concen: 108.951 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

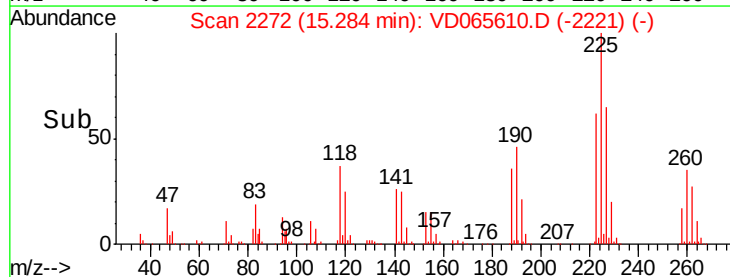
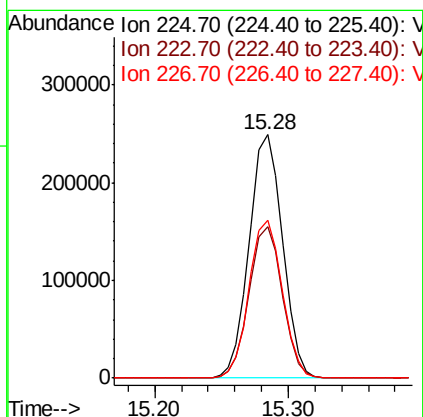
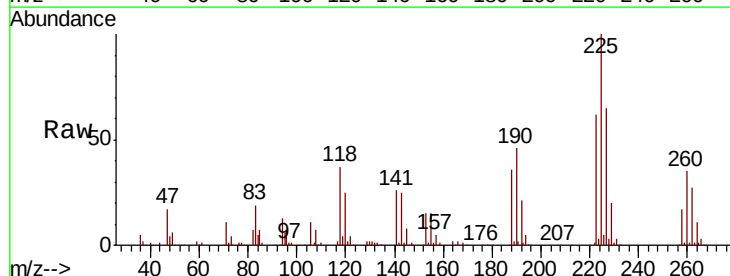
Instrument :
 MSVOA_D
 ClientSampleID :

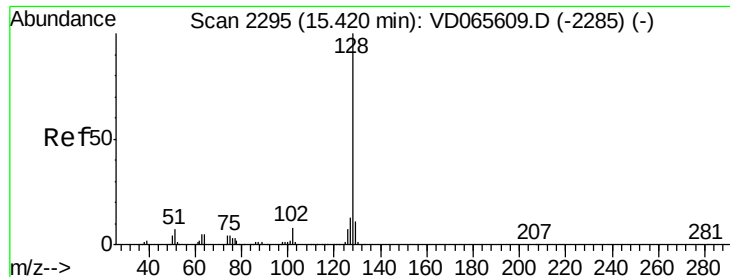
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.2
145	28.7	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 98.100 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VD065610.D
 Acq: 09 Apr 2020 12:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.6	94.7
227	64.5	31.6	95.0

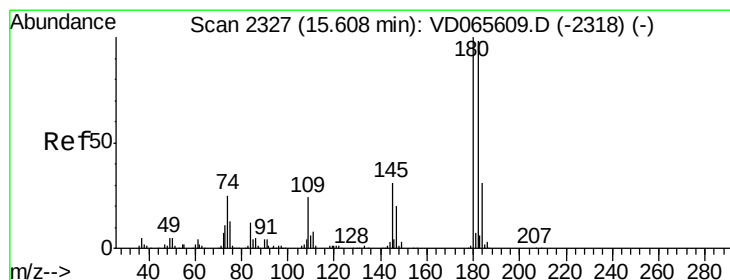
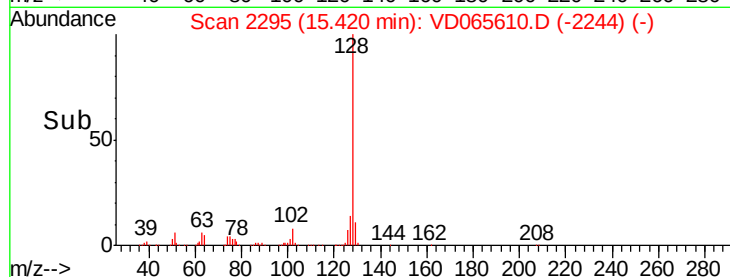
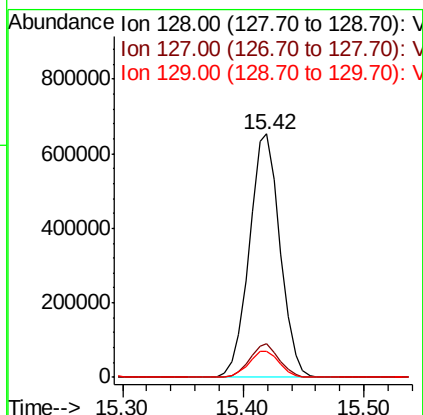
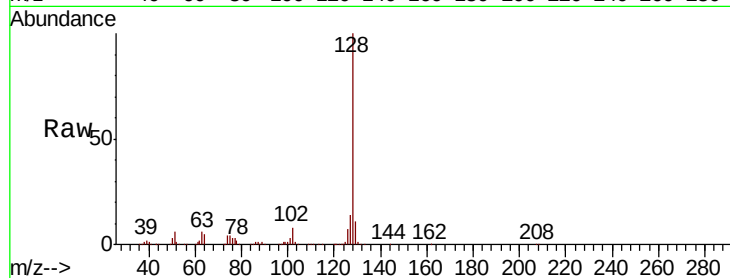




#95
Naphthalene
Concen: 126.072 ug/l
RT: 15.42 min Scan# 2295
Delta R.T. -0.00 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 1155159
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 109.664 ug/l
RT: 15.61 min Scan# 2328
Delta R.T. 0.01 min
Lab File: VD065610.D
Acq: 09 Apr 2020 12:31

Tgt Ion:180 Resp: 600294
Ion Ratio Lower Upper
180 100
182 95.5 47.7 143.1
145 29.7 15.2 45.6

