

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040920\
 Data File : VD065606.D
 Acq On : 09 Apr 2020 10:40
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 01:13:44 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	430782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	640935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	592833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	302821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	23773	5.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.68%	
35) Dibromofluoromethane	7.92	113	25253	5.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.28%	
50) Toluene-d8	10.34	98	85403	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
62) 4-Bromofluorobenzene	12.64	95	27778	5.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	21699	5.586	ug/l 95
3) Chloromethane	2.21	50	27541	5.701	ug/l 99
4) Vinyl Chloride	2.35	62	24615	5.450	ug/l 99
5) Bromomethane	2.77	94	19254	6.045	ug/l 93
6) Chloroethane	2.92	64	15574	5.599	ug/l 99
7) Trichlorofluoromethane	3.27	101	39254	5.730	ug/l 97
8) Diethyl Ether	3.71	74	7120	5.031	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	25484	5.691	ug/l 98
10) Methyl Iodide	4.29	142	19651	4.459	ug/l 99
11) Tert butyl alcohol	5.20	59	4958	23.892	ug/l # 73
12) 1,1-Dichloroethene	4.06	96	22898	5.544	ug/l 94
13) Acrolein	3.92	56	7219	25.286	ug/l 99
14) Allyl chloride	4.71	41	31714	5.176	ug/l 96
15) Acrylonitrile	5.44	53	20922	25.067	ug/l 97
16) Acetone	4.16	43	20911	28.424	ug/l 97
17) Carbon Disulfide	4.40	76	75980	5.529	ug/l 99
18) Methyl Acetate	4.73	43	11356	5.259	ug/l 91
19) Methyl tert-butyl Ether	5.48	73	37158	4.654	ug/l 93
20) Methylene Chloride	4.97	84	30380	6.247	ug/l 97
21) trans-1,2-Dichloroethene	5.47	96	24637	5.256	ug/l 91
22) Diisopropyl ether	6.37	45	52122	4.426	ug/l # 90
23) Vinyl Acetate	6.31	43	107302	17.732	ug/l 98
24) 1,1-Dichloroethane	6.26	63	42940	5.481	ug/l 98
25) 2-Butanone	7.23	43	25090	24.916	ug/l 94
26) 2,2-Dichloropropane	7.21	77	39270	5.601	ug/l 95
27) cis-1,2-Dichloroethene	7.21	96	23772	4.955	ug/l 94
28) Bromochloromethane	7.55	49	16602	5.280	ug/l 97
29) Tetrahydrofuran	7.57	42	14643	23.141	ug/l 96
30) Chloroform	7.71	83	44084	5.374	ug/l 99
31) Cyclohexane	7.99	56	41798	5.751	ug/l # 86
32) 1,1,1-Trichloroethane	7.90	97	41346	5.577	ug/l 97
36) 1,1-Dichloropropene	8.11	75	33814	5.124	ug/l 97
37) Ethyl Acetate	7.30	43	11812	4.821	ug/l # 93
38) Carbon Tetrachloride	8.10	117	38439	5.365	ug/l 94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040920\
 Data File : VD065606.D
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 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 10 01:13:44 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)
39) Methylcyclohexane	9.36	83	34875	4.669	ug/l	95
40) Benzene	8.36	78	95675	5.075	ug/l	98
41) Methacrylonitrile	7.54	41	6474	4.521	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	26847	5.098	ug/l	99
43) Isopropyl Acetate	8.46	43	20095	4.495	ug/l	94
44) Trichloroethene	9.11	130	28044	5.176	ug/l	99
45) 1,2-Dichloropropane	9.39	63	23140	5.041	ug/l	98
46) Dibromomethane	9.48	93	12421	5.034	ug/l	97
47) Bromodichloromethane	9.67	83	32779	5.066	ug/l	96
48) Methyl methacrylate	9.46	41	8910	4.298	ug/l #	90
49) 1,4-Dioxane	9.47	88	2154	82.423	ug/l #	82
51) 4-Methyl-2-Pentanone	10.23	43	49815	21.625	ug/l	95
52) Toluene	10.41	92	57504	4.824	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	26556	4.624	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	32300	4.593	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	17137	4.949	ug/l	91
56) Ethyl methacrylate	10.67	69	12998	3.722	ug/l #	88
57) 1,3-Dichloropropane	10.96	76	28512	4.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	38632	21.064	ug/l	98
59) 2-Hexanone	10.99	43	31403	20.512	ug/l	94
60) Dibromochloromethane	11.14	129	22930	4.972	ug/l	100
61) 1,2-Dibromoethane	11.25	107	16069	4.882	ug/l	97
64) Tetrachloroethene	10.88	164	26002	5.514	ug/l	98
65) Chlorobenzene	11.68	112	68241	5.315	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.75	131	25631	5.240	ug/l	99
67) Ethyl Benzene	11.75	91	101541	4.789	ug/l	98
68) m/p-Xylenes	11.86	106	76767	9.178	ug/l	98
69) o-Xylene	12.18	106	31609	4.386	ug/l	99
70) Styrene	12.20	104	53109	4.168	ug/l	97
71) Bromoform	12.36	173	14228	5.187	ug/l #	100
73) Isopropylbenzene	12.48	105	86721	4.495	ug/l	99
74) N-amyl acetate	12.30	43	15550	4.069	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	18312	5.163	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	22437	5.515	ug/l #	100
77) Bromobenzene	12.77	156	27342	5.169	ug/l	96
78) n-propylbenzene	12.83	91	103557	4.447	ug/l	99
79) 2-Chlorotoluene	12.91	91	63900	4.788	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	72134	4.436	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	4310	4.111	ug/l #	77
82) 4-Chlorotoluene	13.01	91	70104	4.880	ug/l	100
83) tert-Butylbenzene	13.23	119	59830	4.400	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	69842	4.322	ug/l	98
85) sec-Butylbenzene	13.41	105	87075	4.500	ug/l	99
86) p-Isopropyltoluene	13.53	119	77523	4.342	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	53147	5.210	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	54566	5.356	ug/l	93
89) n-Butylbenzene	13.85	91	75403	4.679	ug/l	95
90) Hexachloroethane	14.12	117	21233	5.451	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	44097	5.081	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.53	75	3145	5.748	ug/l	88

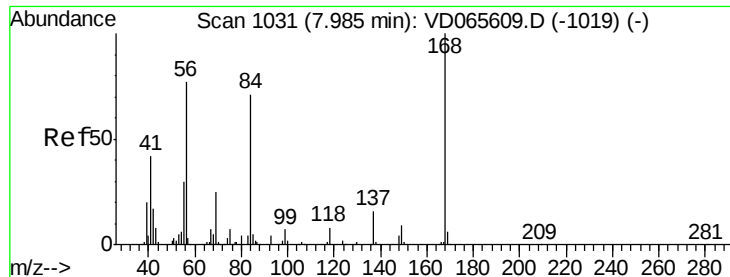
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040920\
Data File : VD065606.D
Acq On : 09 Apr 2020 10:40
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 10 01:13:44 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)
93) 1,2,4-Trichlorobenzene	15.18	180	28141	4.937	ug/l	98
94) Hexachlorobutadiene	15.28	225	21384	5.397	ug/l	99
95) Naphthalene	15.41	128	36154	4.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	23851	4.834	ug/l	96

(#) = 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: VD065606.D

Acq: 09 Apr 2020 10:40

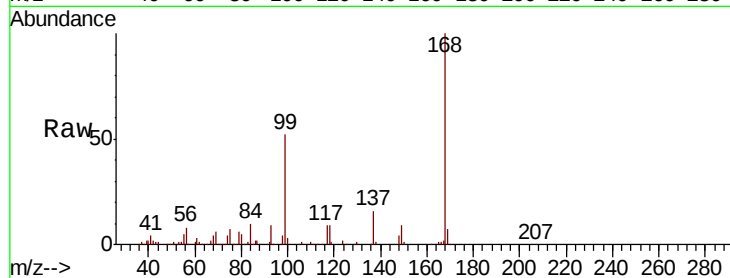
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 430782

Ion Ratio Lower Upper

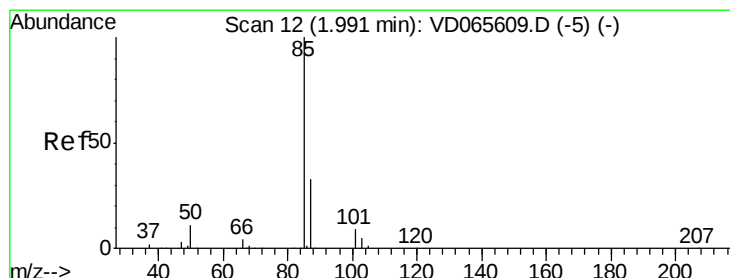
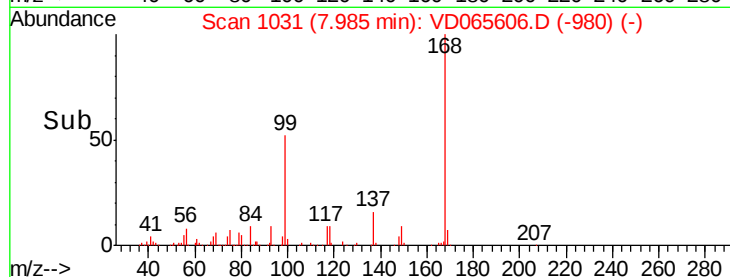
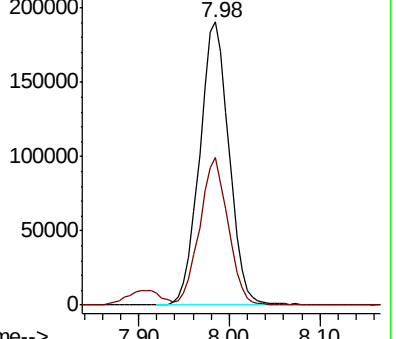
168 100

99 52.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 5.586 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065606.D

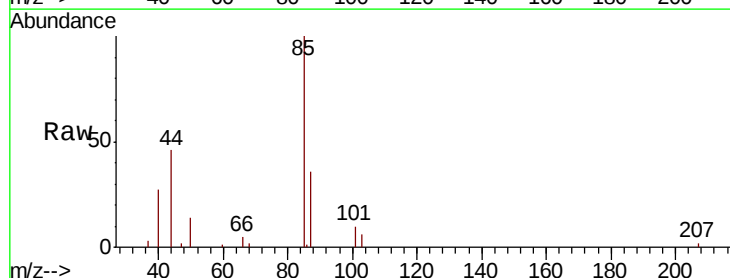
Acq: 09 Apr 2020 10:40

Tgt Ion: 85 Resp: 21699

Ion Ratio Lower Upper

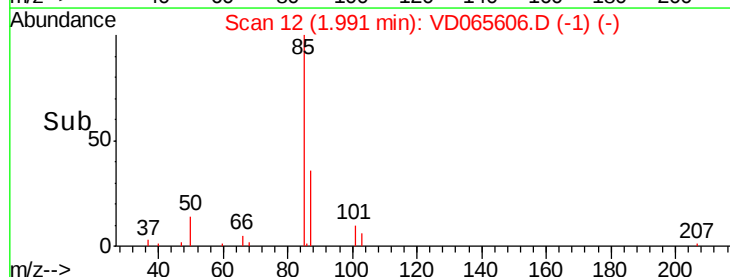
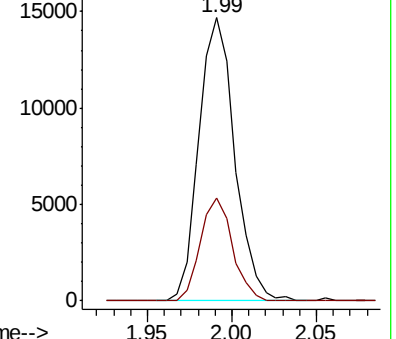
85 100

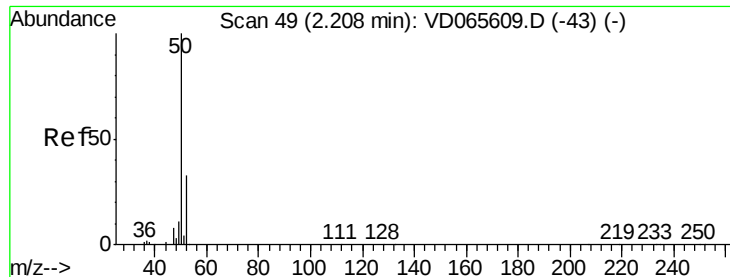
87 36.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.701 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

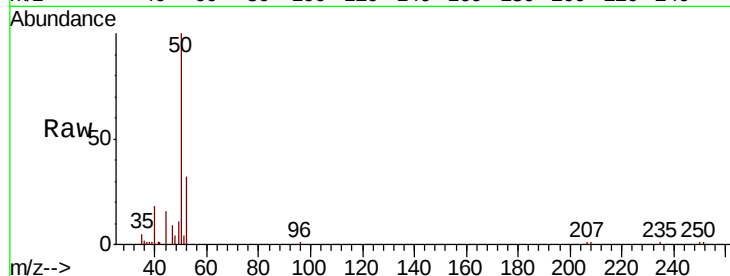
ClientSampleId :

Tot Ion: 50 Resp: 27541

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

25000

20000

15000

10000

5000

0

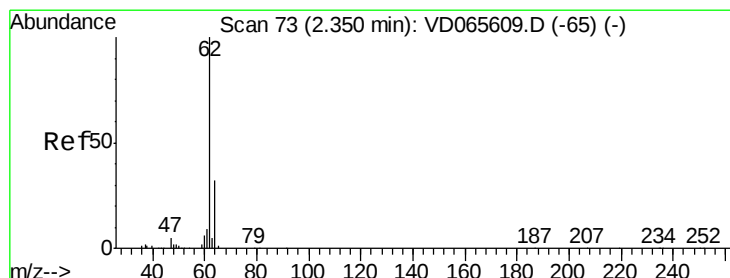
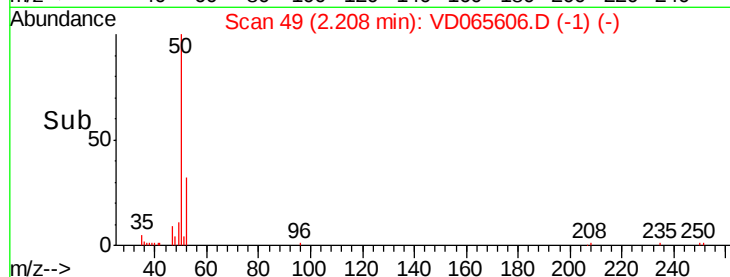
2.15

2.20

2.25

2.30

Time-->



#4

Vinyl Chloride

Concen: 5.450 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065606.D

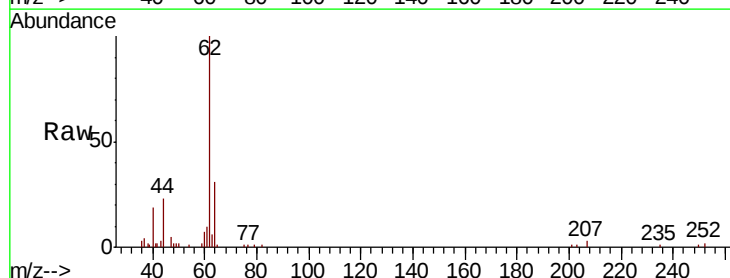
Acq: 09 Apr 2020 10:40

Tgt Ion: 62 Resp: 24615

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

20000

15000

10000

5000

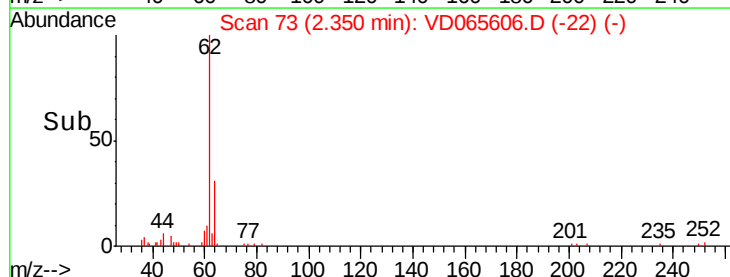
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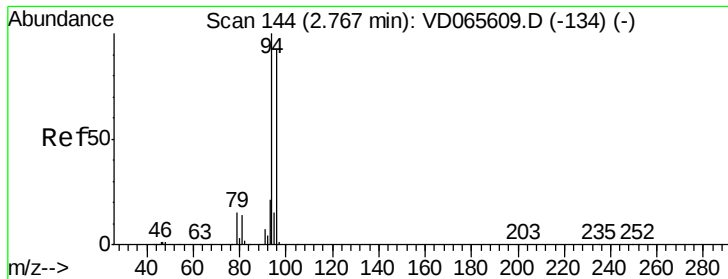
2.30

2.35

2.40

Time-->





#5

Bromomethane

Concen: 6.045 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

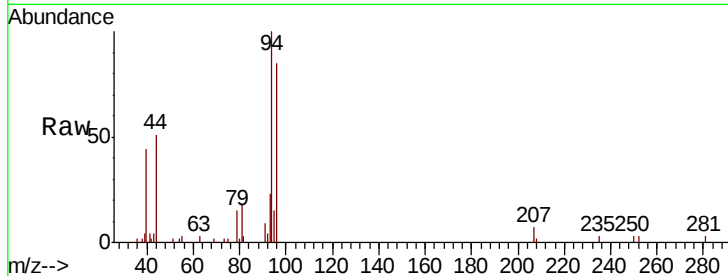
ClientSampled :

Tot Ion: 94 Resp: 19254

Ion Ratio Lower Upper

94 100

96 85.3 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

10000

8000

6000

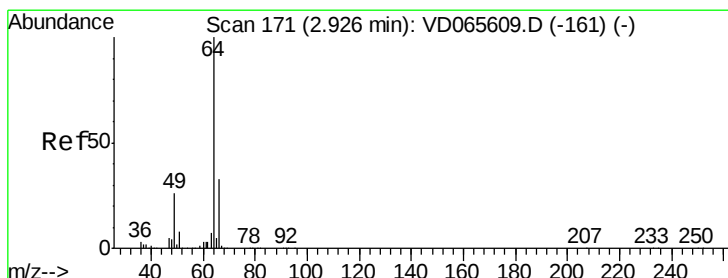
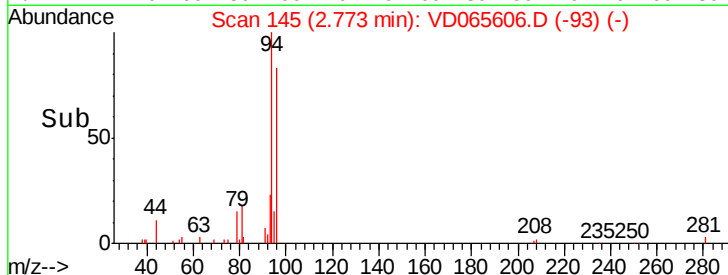
4000

2000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 5.599 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065606.D

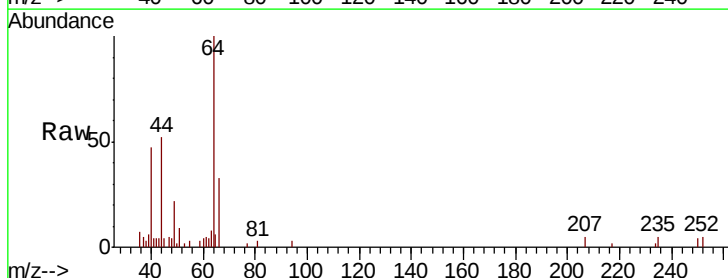
Acq: 09 Apr 2020 10:40

Tgt Ion: 64 Resp: 15574

Ion Ratio Lower Upper

64 100

66 33.4 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

8000

6000

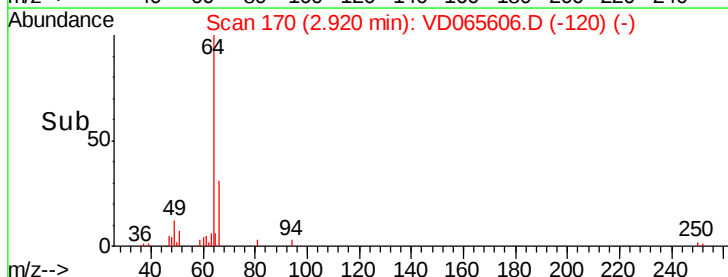
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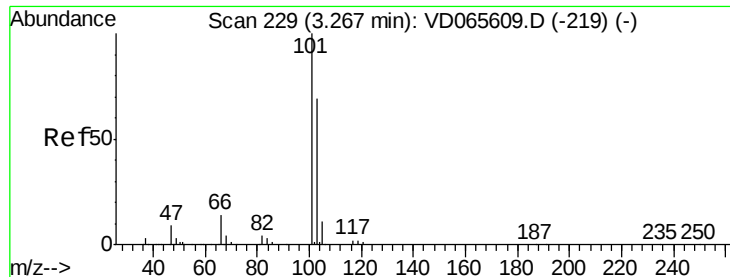
2000

0

Time-->

2.85 2.90 2.95 3.00



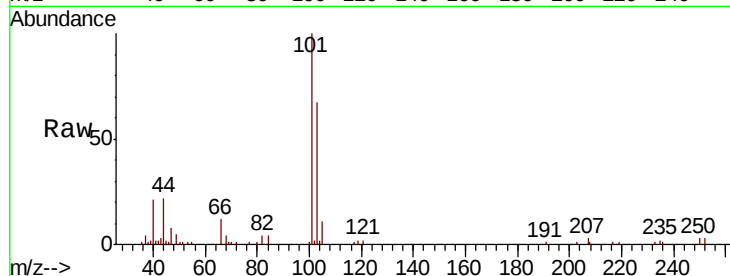


#7

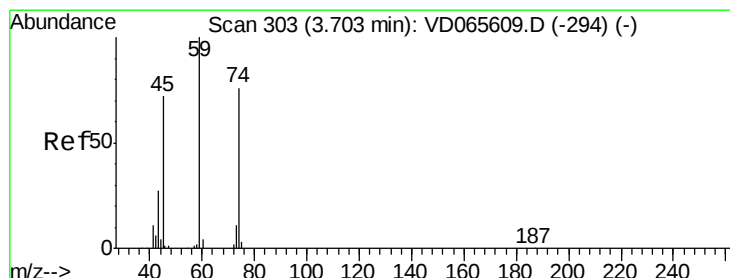
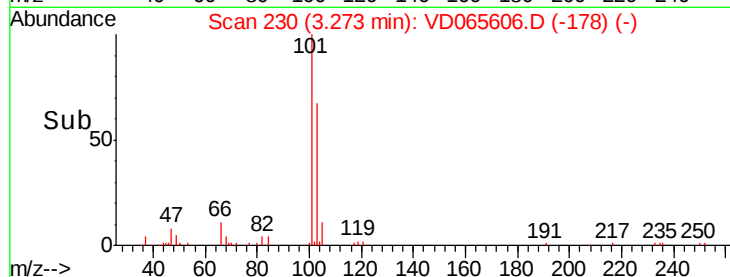
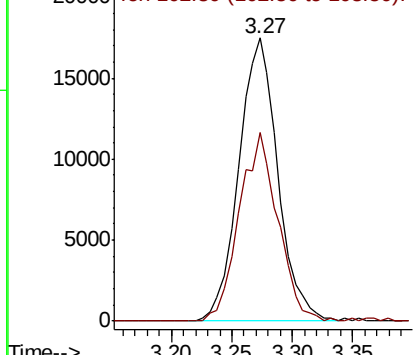
Trichlorofluoromethane
 Concen: 5.730 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 39254
 Ion Ratio Lower Upper
 101 100
 103 66.5 55.0 82.4



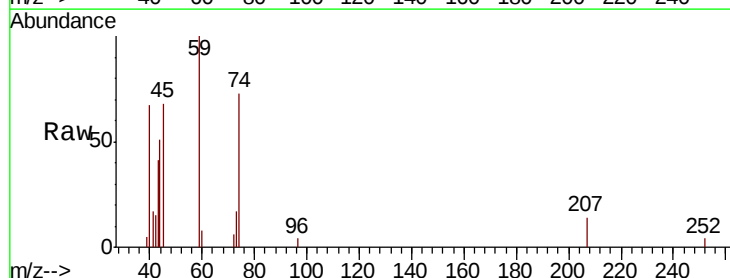
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



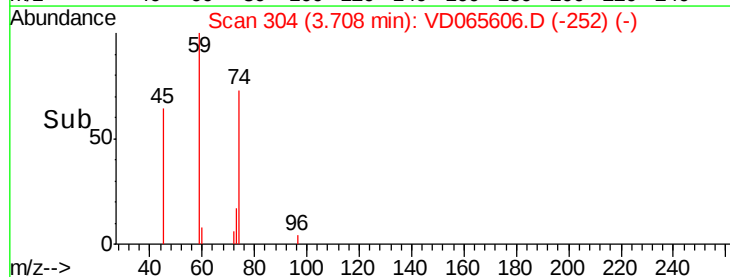
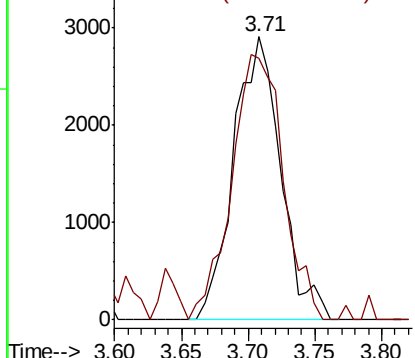
#8

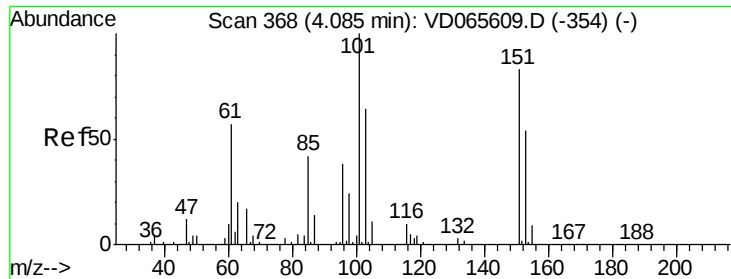
Diethyl Ether
 Concen: 5.031 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion: 74 Resp: 7120
 Ion Ratio Lower Upper
 74 100
 45 102.6 47.8 143.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.691 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

ClientSampled :

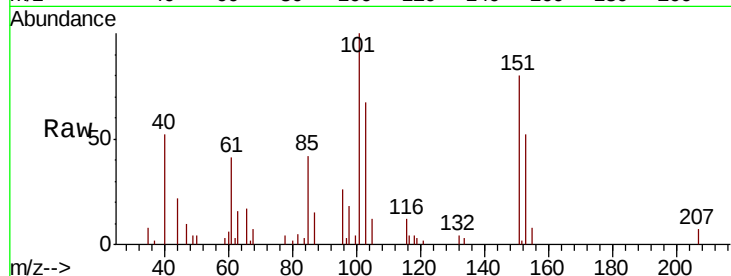
Tot Ion:101 Resp: 25484

Ion Ratio Lower Upper

101 100

85 41.5 33.8 50.6

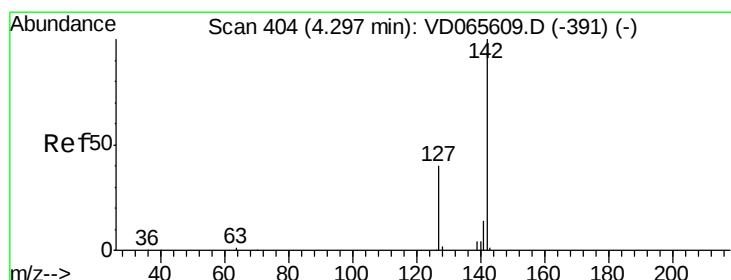
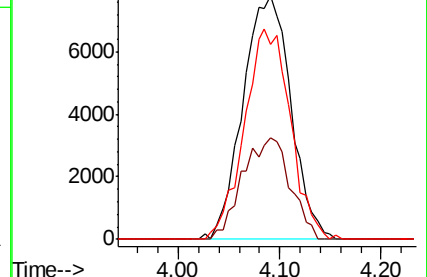
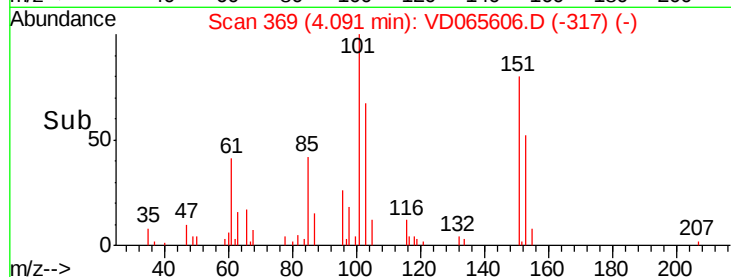
151 83.1 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.459 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

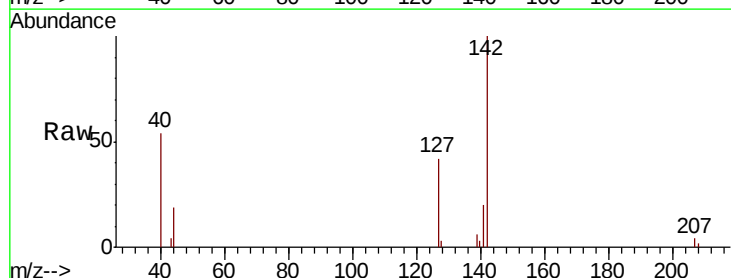
Tgt Ion:142 Resp: 19651

Ion Ratio Lower Upper

142 100

127 42.7 34.6 51.8

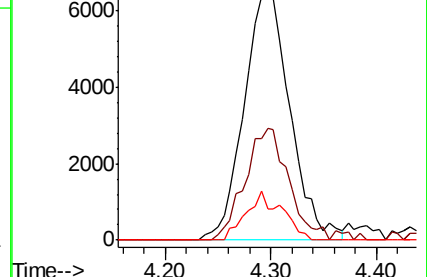
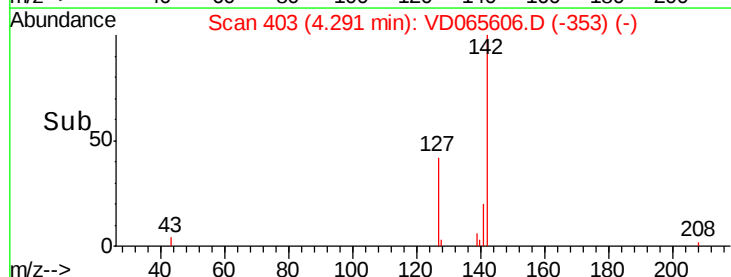
141 15.1 11.7 17.5

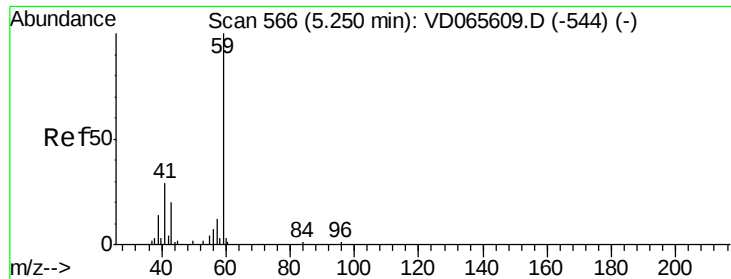


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



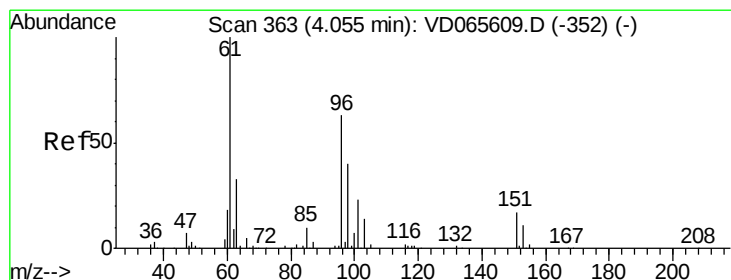
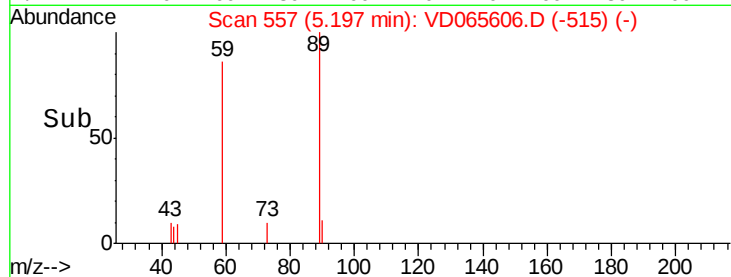
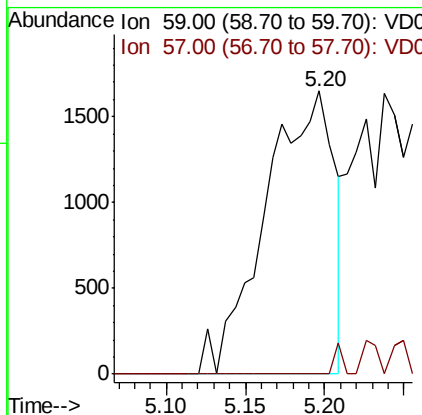
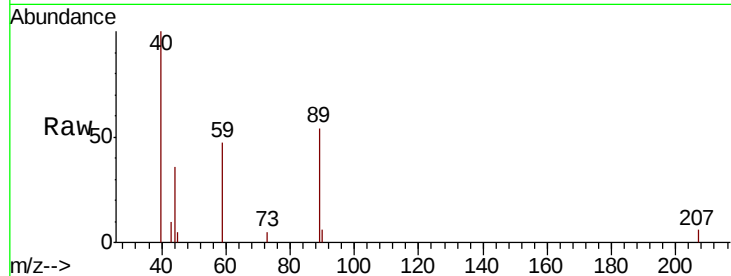


#11

Tert butyl alcohol
 Concen: 23.892 ug/l
 RT: 5.20 min Scan# 557
 Delta R.T. -0.05 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Instrument :
 MSVOA_D
 ClientSampleId :

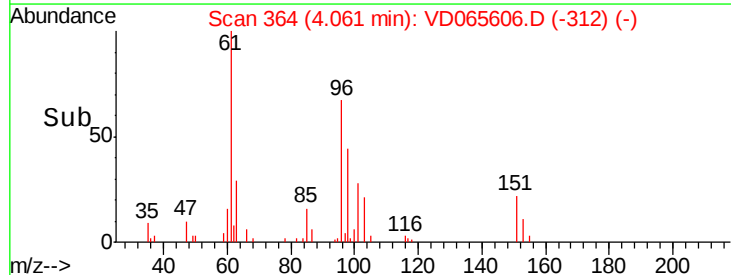
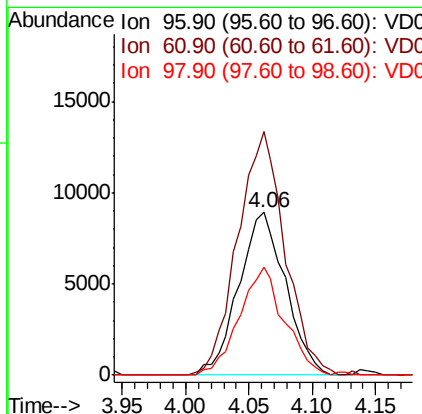
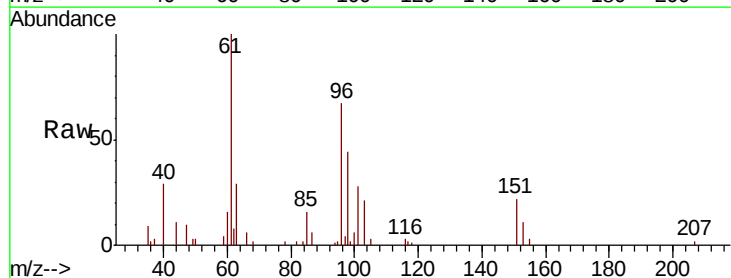
Tot Ion: 59 Resp: 4958
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

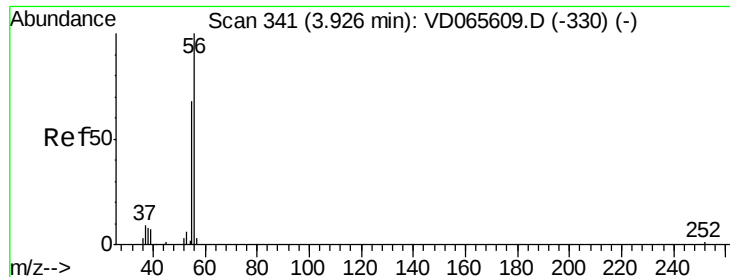


#12

1,1-Dichloroethene
 Concen: 5.544 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion: 96 Resp: 22898
 Ion Ratio Lower Upper
 96 100
 61 149.5 126.6 190.0
 98 66.1 50.2 75.4





#13

Acrolein

Concen: 25.286 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

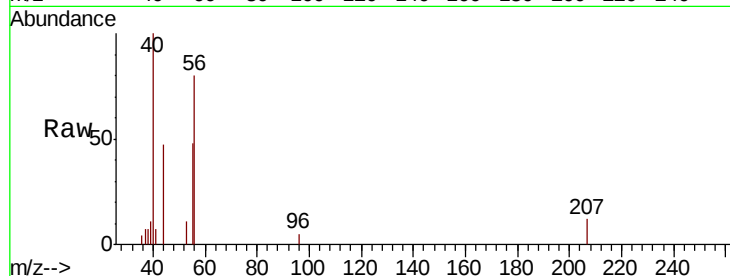
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 7219

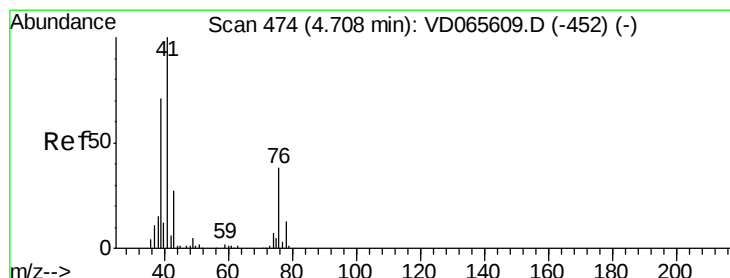
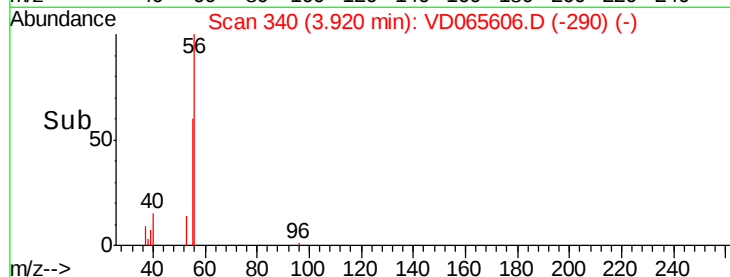
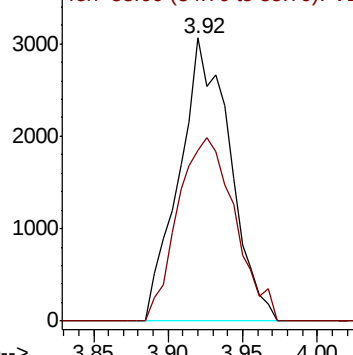
Ion Ratio Lower Upper

56 100

55 73.5 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: 5.176 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

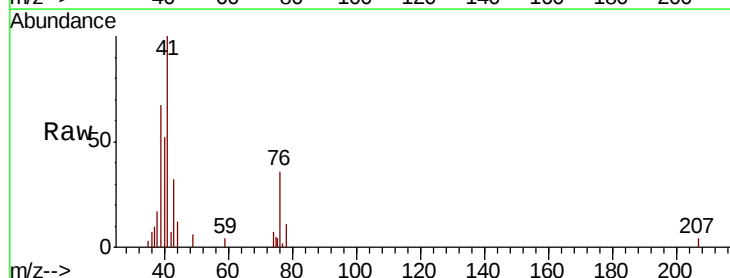
Tgt Ion: 41 Resp: 31714

Ion Ratio Lower Upper

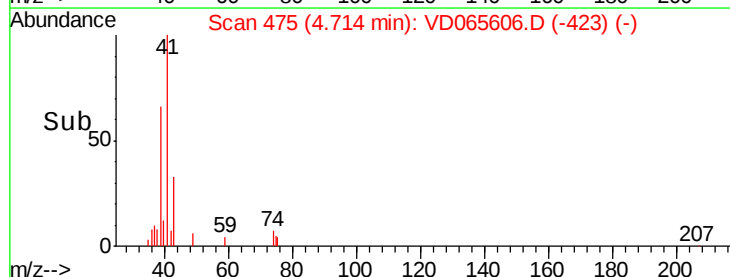
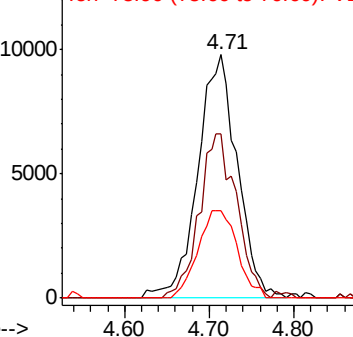
41 100

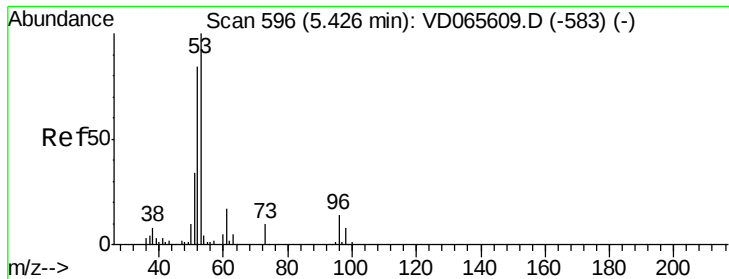
39 63.9 54.2 81.2

76 35.8 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: 25.067 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

ClientSampleId :

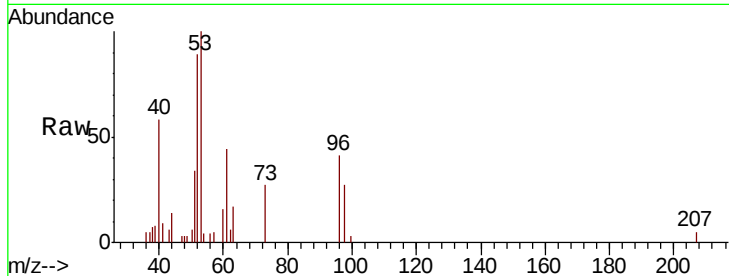
Tot Ion: 53 Resp: 20922

Ion Ratio Lower Upper

53 100

52 84.8 65.3 97.9

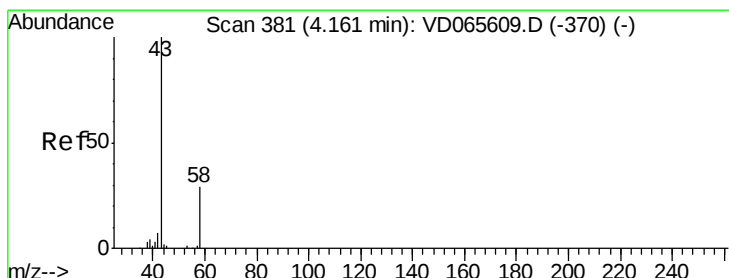
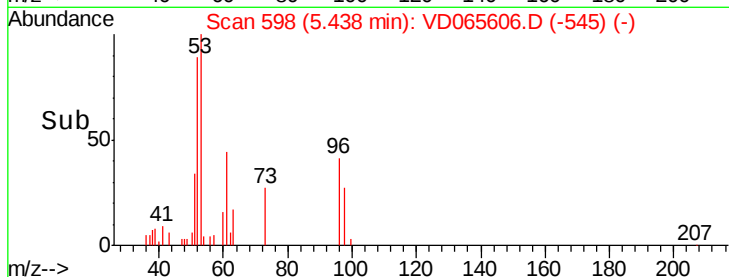
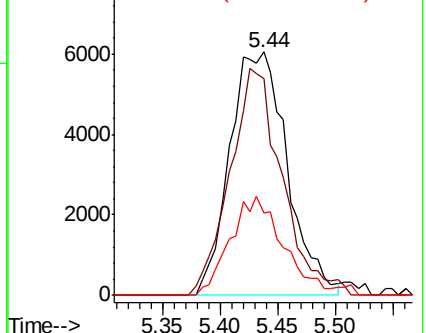
51 37.4 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 28.424 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD065606.D

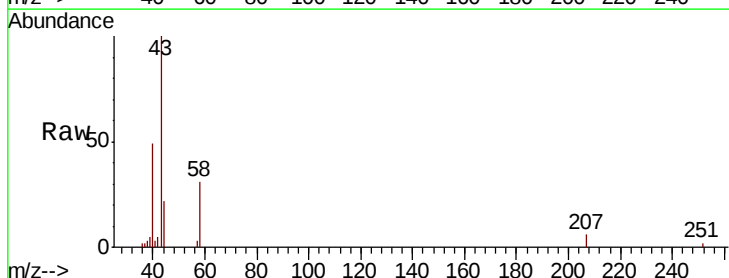
Acq: 09 Apr 2020 10:40

Tgt Ion: 43 Resp: 20911

Ion Ratio Lower Upper

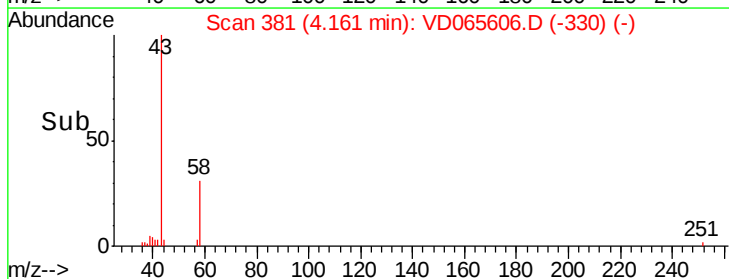
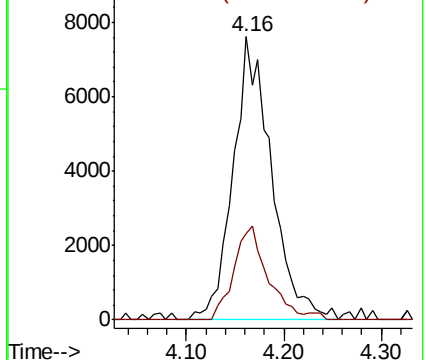
43 100

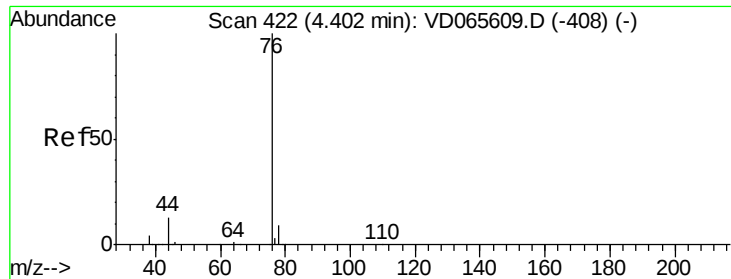
58 30.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

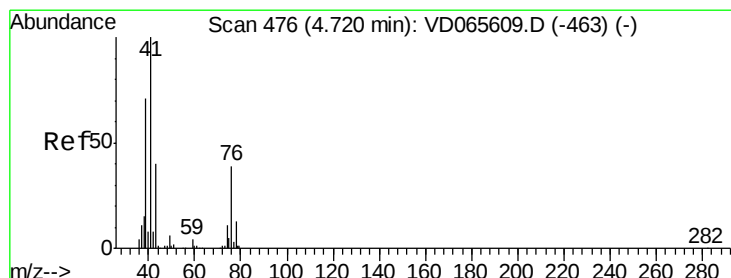
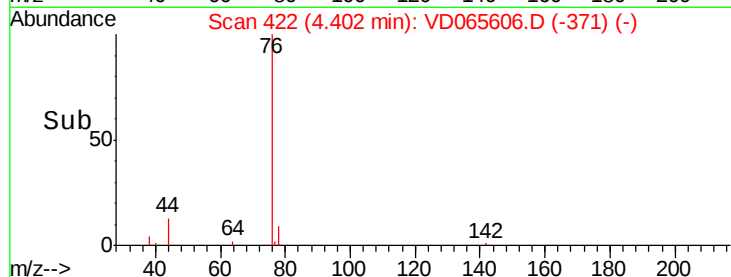
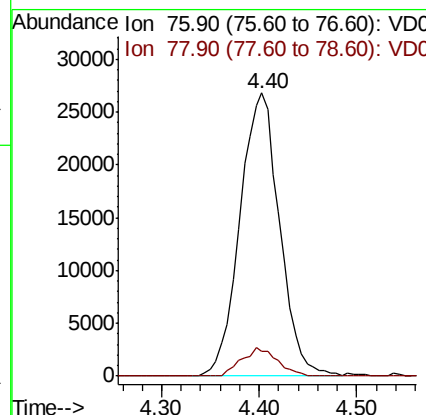
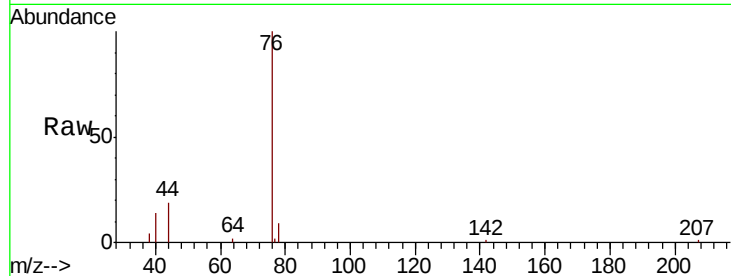




#17
Carbon Disulfide
Concen: 5.529 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

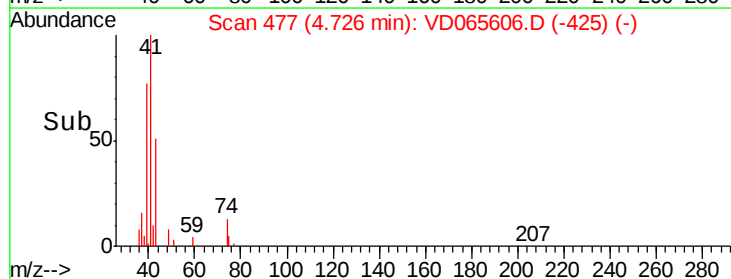
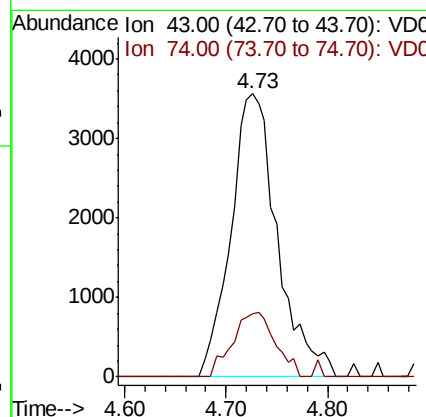
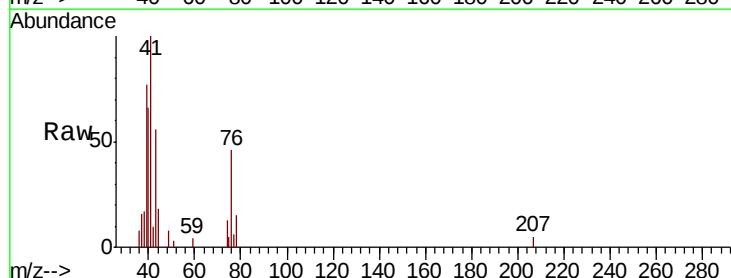
Instrument :
MSVOA_D
ClientSampled :

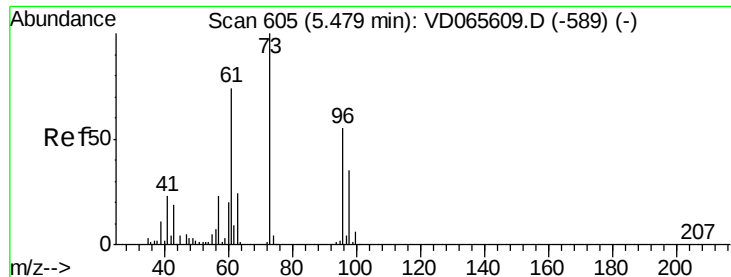
Tot Ion: 76 Resp: 75980
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 5.259 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 43 Resp: 11356
Ion Ratio Lower Upper
43 100
74 20.9 20.2 30.2

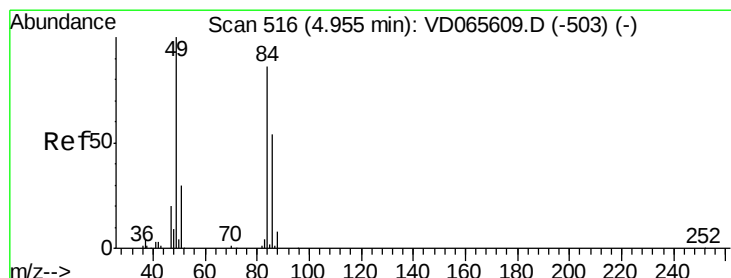
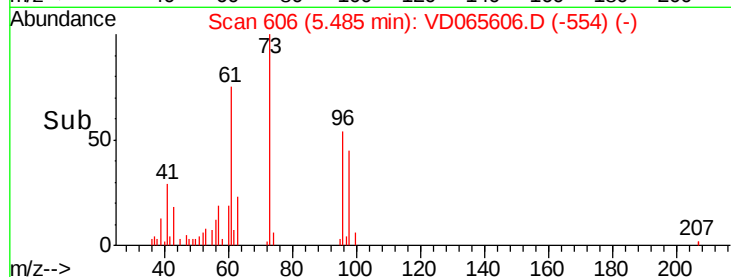
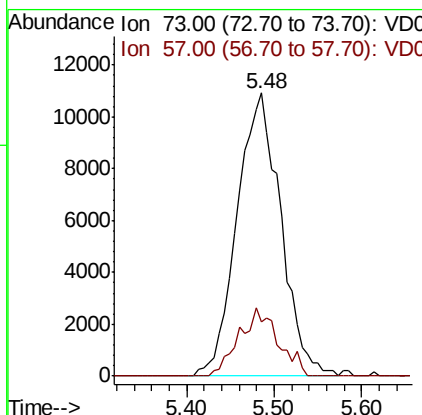
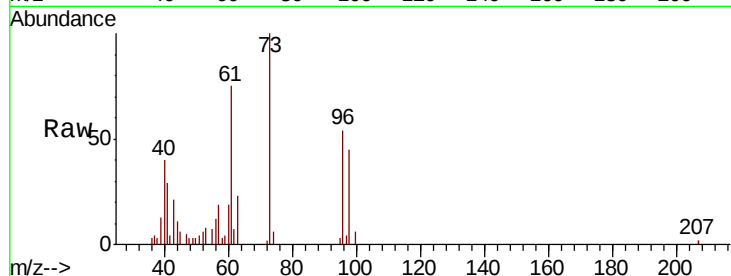




#19
Methyl tert-butyl Ether
Concen: 4.654 ug/l
RT: 5.48 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

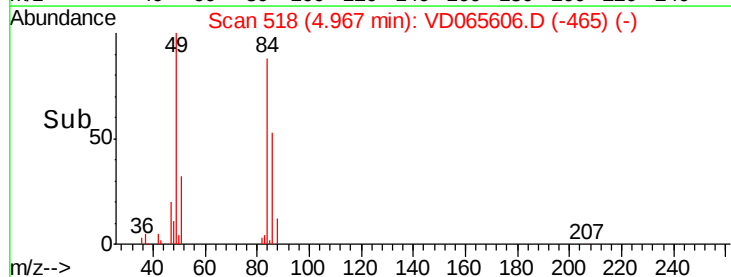
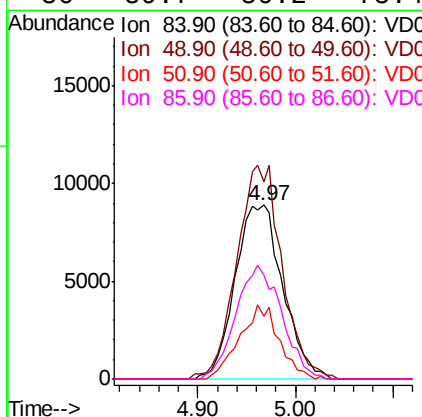
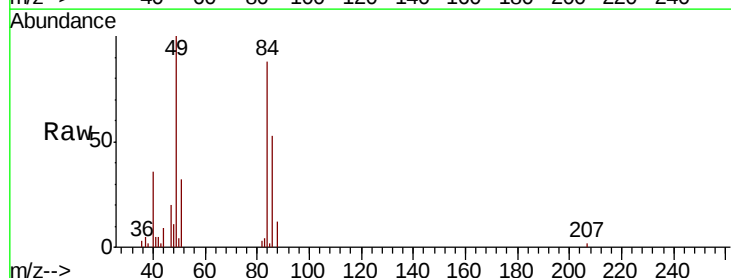
Instrument :
MSVOA_D
ClientSampleID :

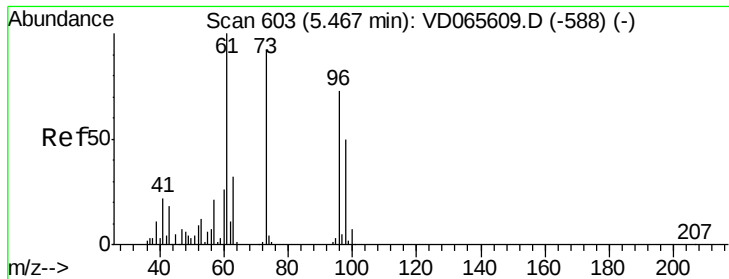
Tot Ion: 73 Resp: 37158
Ion Ratio Lower Upper
73 100
57 19.3 18.2 27.2



#20
Methylene Chloride
Concen: 6.247 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 84 Resp: 30380
Ion Ratio Lower Upper
84 100
49 113.2 93.4 140.2
51 35.9 28.5 42.7
86 59.7 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 5.256 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

ClientSampled :

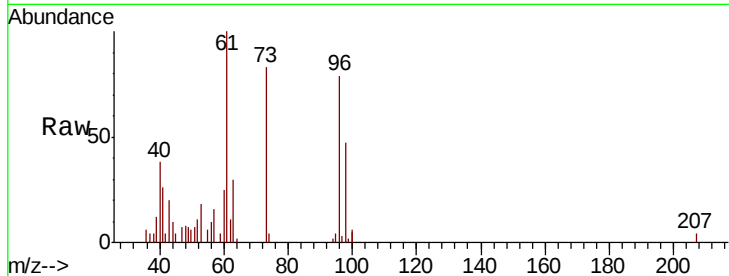
Tot Ion: 96 Resp: 24637

Ion Ratio Lower Upper

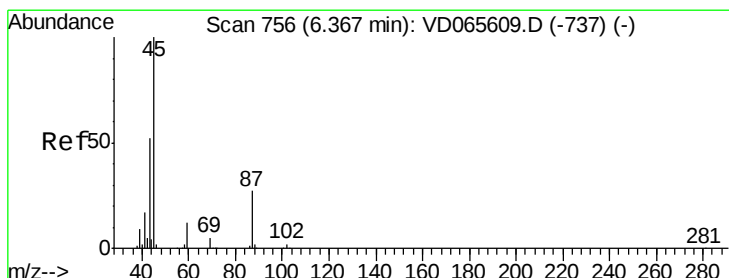
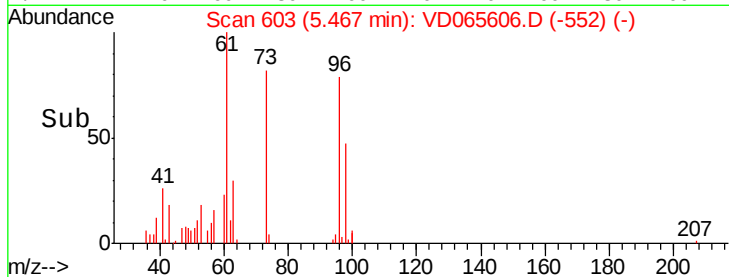
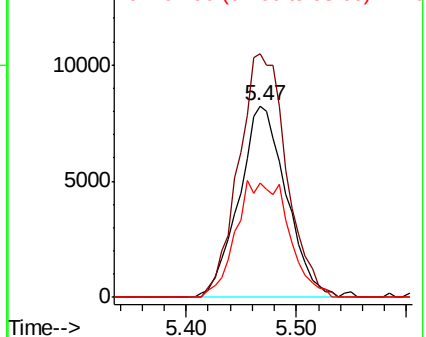
96 100

61 127.1 109.8 164.6

98 59.7 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: 4.426 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Tgt Ion: 45 Resp: 52122

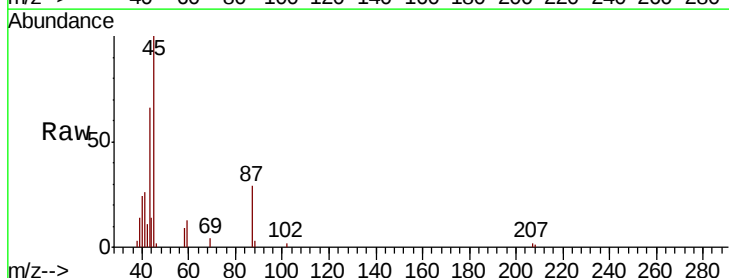
Ion Ratio Lower Upper

45 100

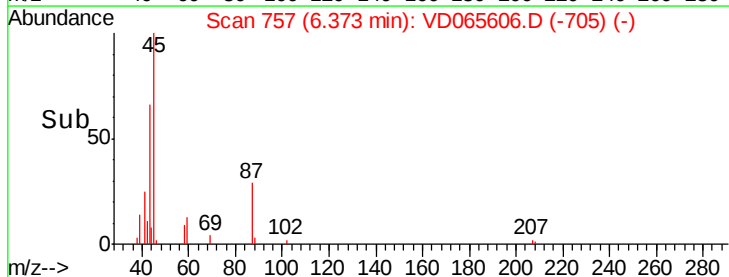
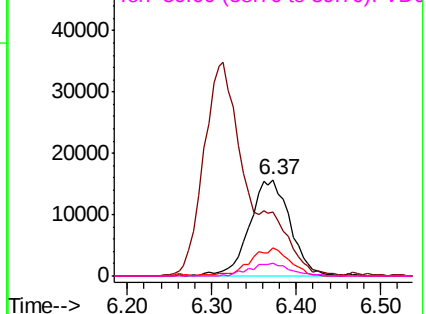
43 64.5 42.5 63.7#

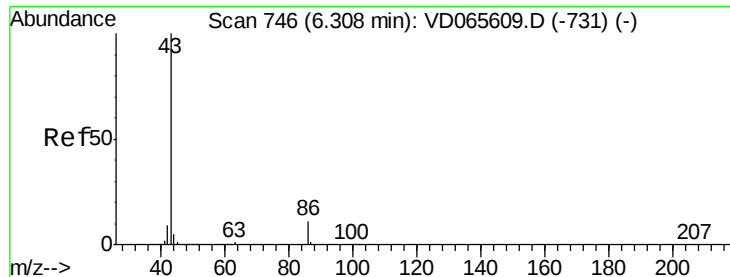
87 29.0 22.3 33.5

59 12.6 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: 17.732 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

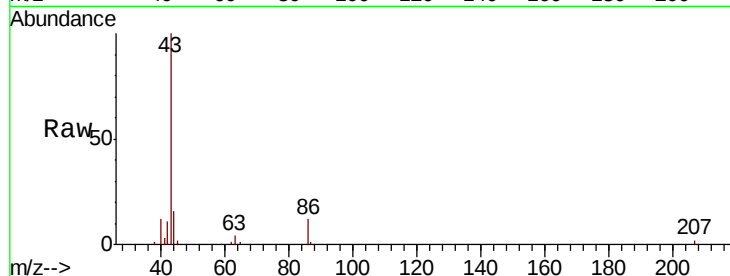
ClientSampleId :

Tot Ion: 43 Resp: 107302

Ion Ratio Lower Upper

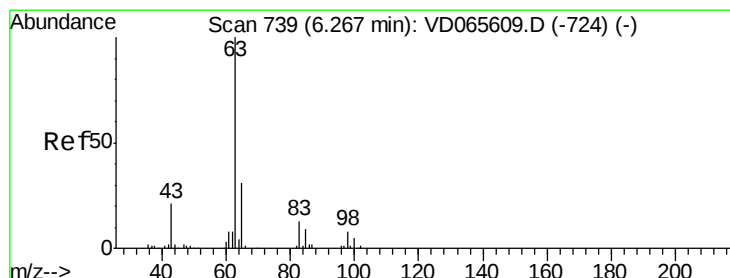
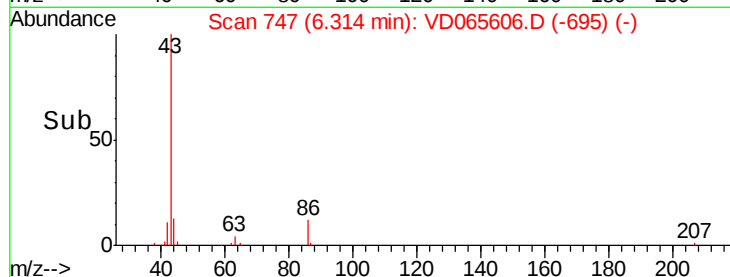
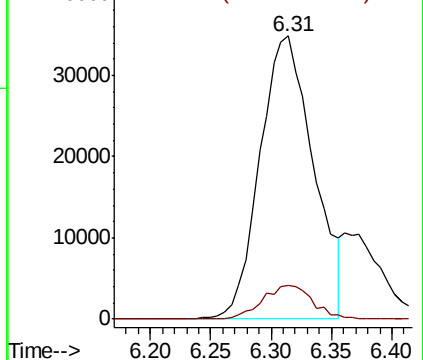
43 100

86 12.1 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: 5.481 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

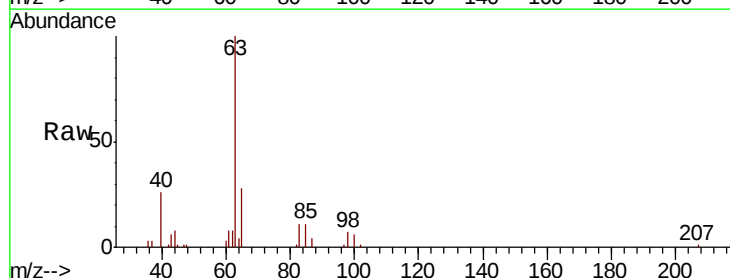
Tgt Ion: 63 Resp: 42940

Ion Ratio Lower Upper

63 100

98 6.9 4.0 11.9

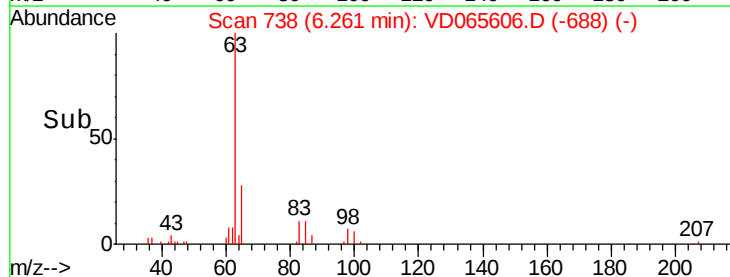
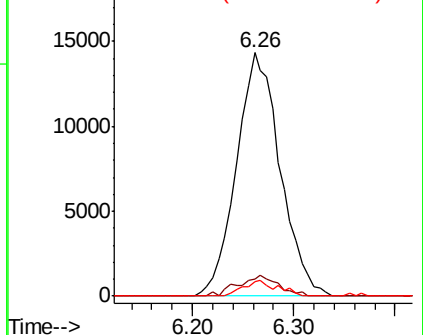
100 5.8 2.6 7.8

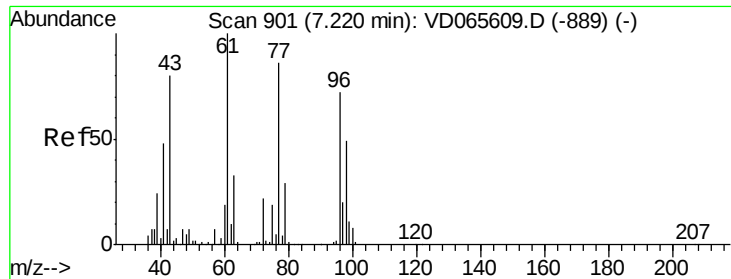


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 24.916 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

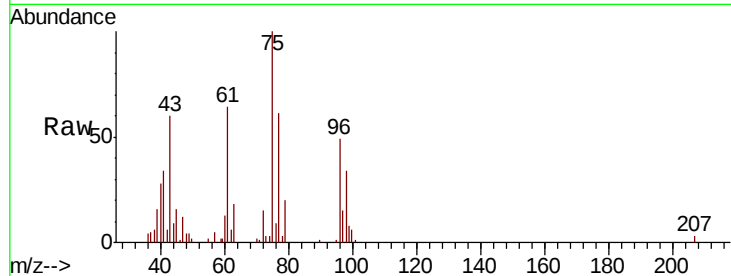
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 25090

Ion Ratio Lower Upper

43 100

72 24.9 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.23

10000

8000

6000

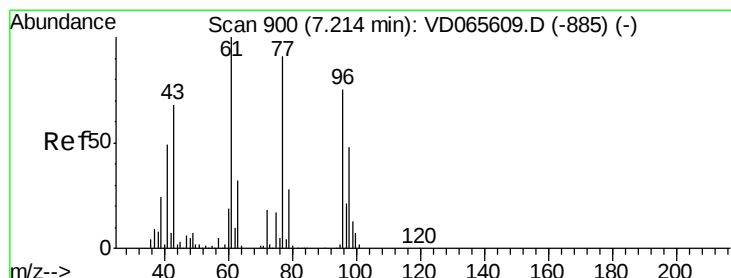
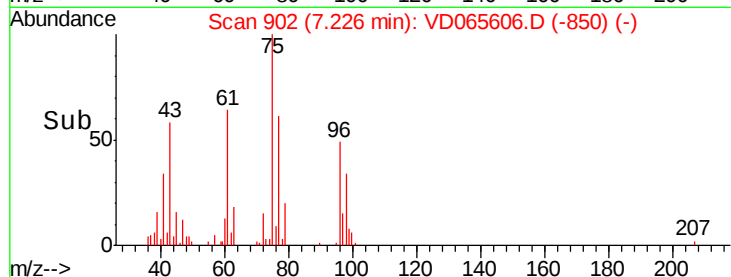
4000

2000

0

7.15 7.20 7.25 7.30

Time-->



#26

2,2-Dichloropropane

Concen: 5.601 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065606.D

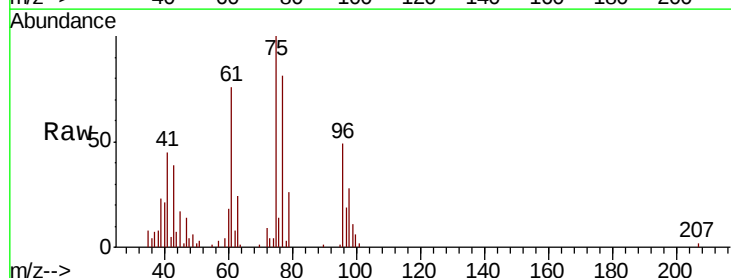
Acq: 09 Apr 2020 10:40

Tgt Ion: 77 Resp: 39270

Ion Ratio Lower Upper

77 100

97 21.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

7.21

15000

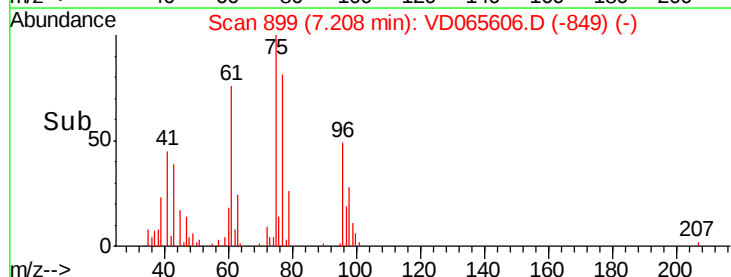
10000

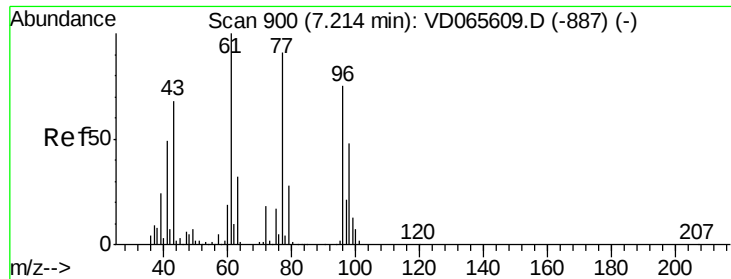
5000

0

7.10 7.20 7.30

Time-->





#27

cis-1,2-Dichloroethene

Concen: 4.955 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :
MSVOA_D
ClientSampled :

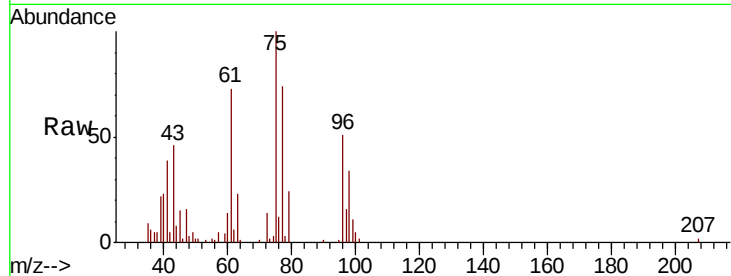
Tot Ion: 96 Resp: 23772

Ion Ratio Lower Upper

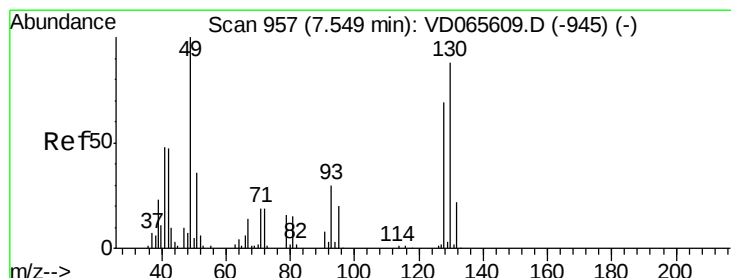
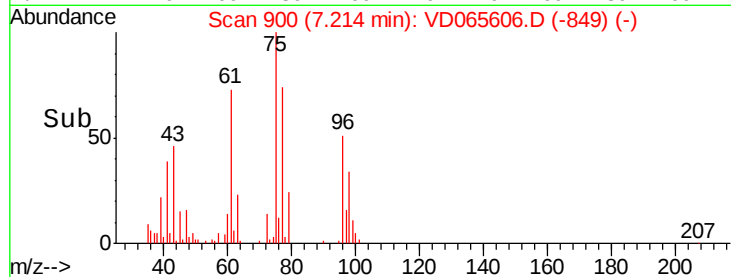
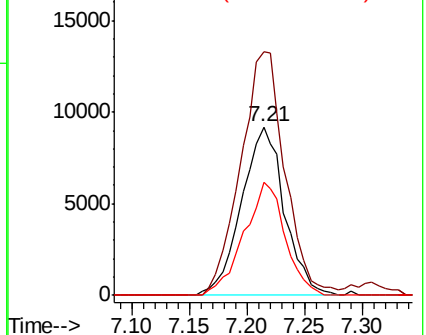
96 100

61 149.9 0.0 279.0

98 64.2 0.0 130.2



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



#28

Bromochloromethane

Concen: 5.280 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

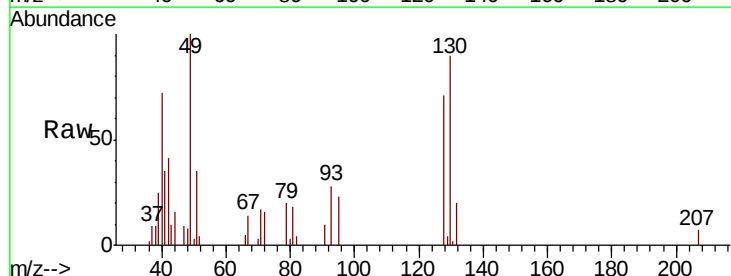
Tgt Ion: 49 Resp: 16602

Ion Ratio Lower Upper

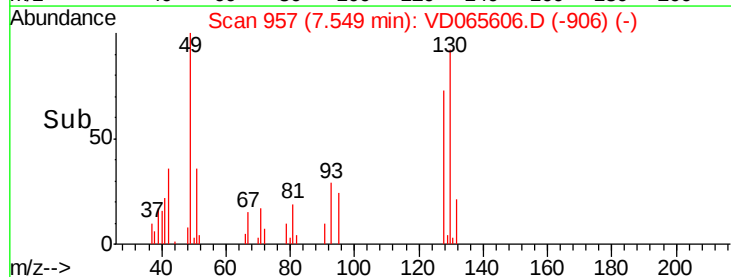
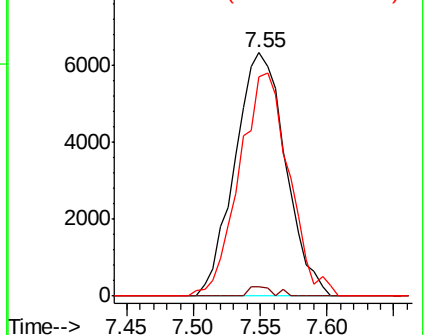
49 100

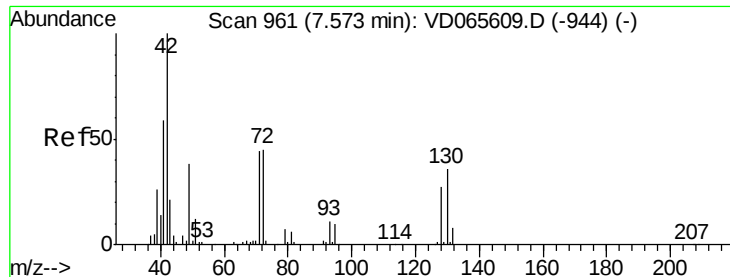
129 1.9 0.0 4.8

130 89.9 69.4 104.2



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

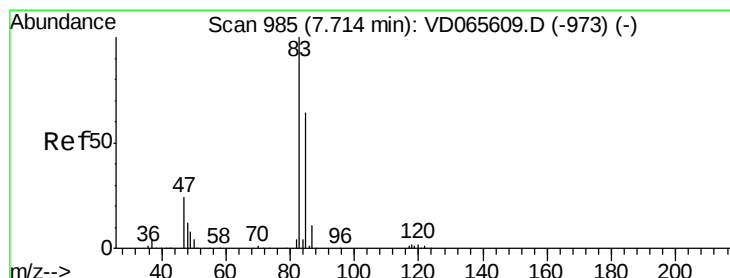
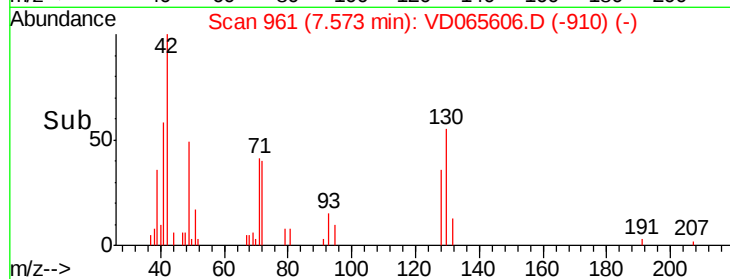
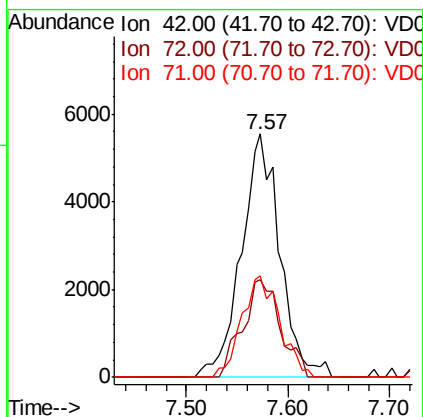
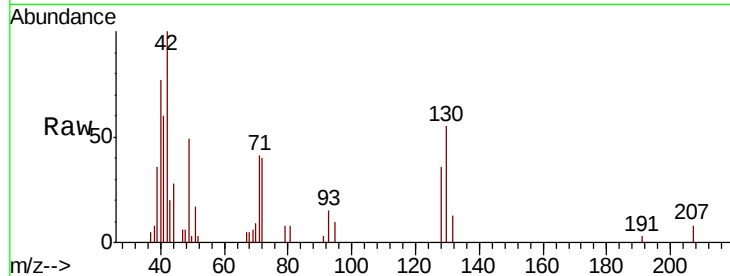




#29
Tetrahydrofuran
Concen: 23.141 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

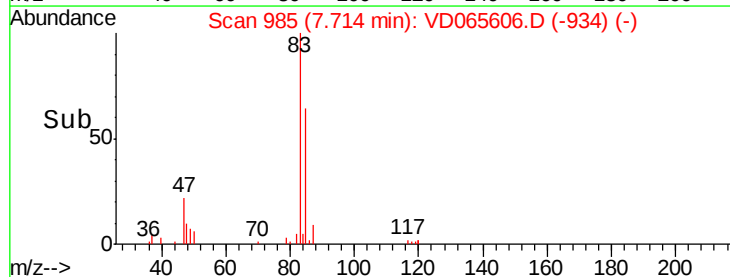
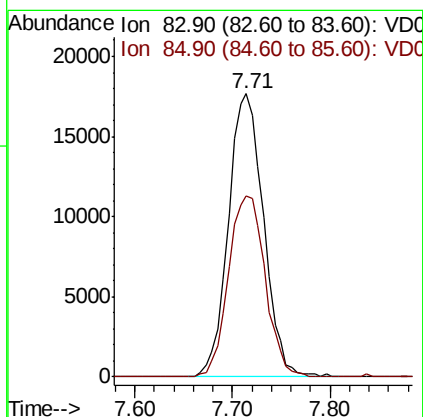
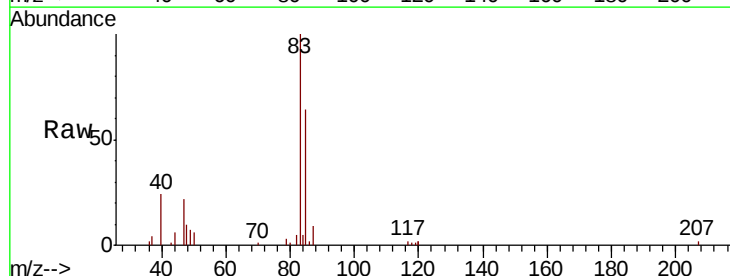
Instrument :
MSVOA_D
ClientSampled :

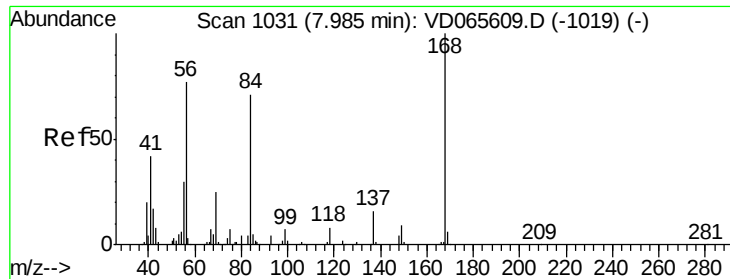
Tot Ion: 42 Resp: 14643
Ion Ratio Lower Upper
42 100
72 39.6 35.3 52.9
71 41.1 33.1 49.7



#30
Chloroform
Concen: 5.374 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 83 Resp: 44084
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3

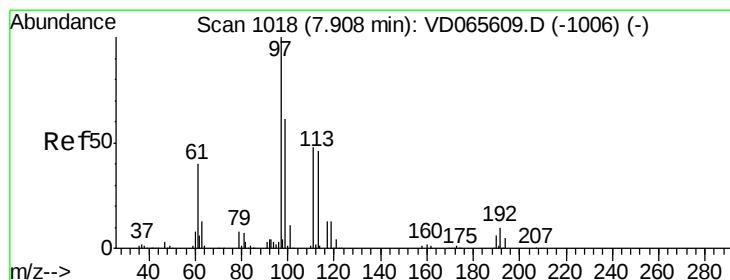
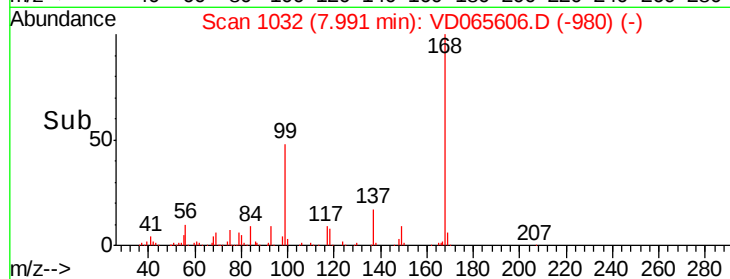
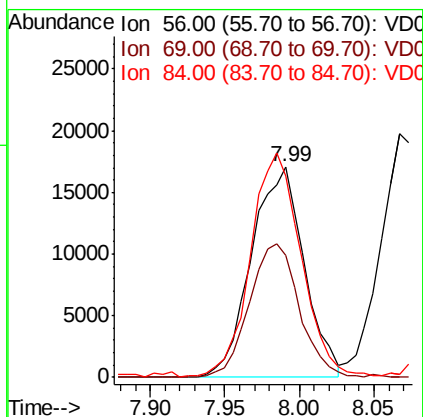
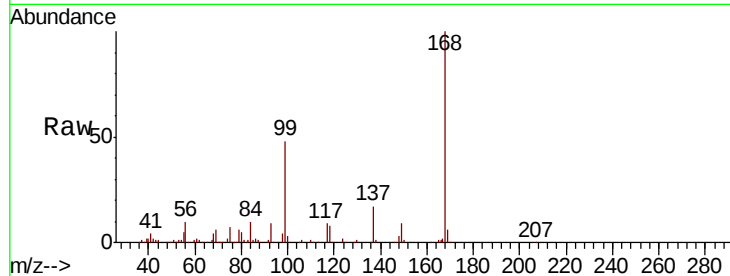




#31
Cyclohexane
Concen: 5.751 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

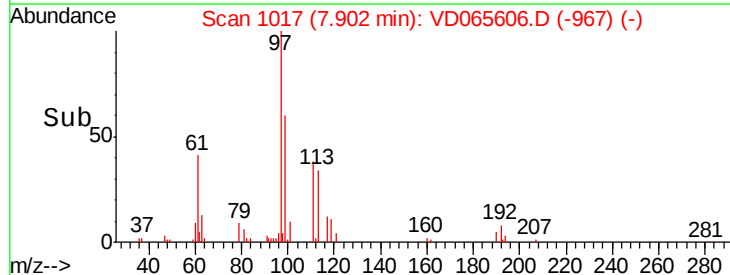
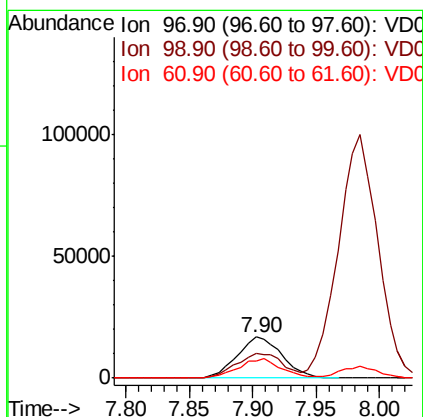
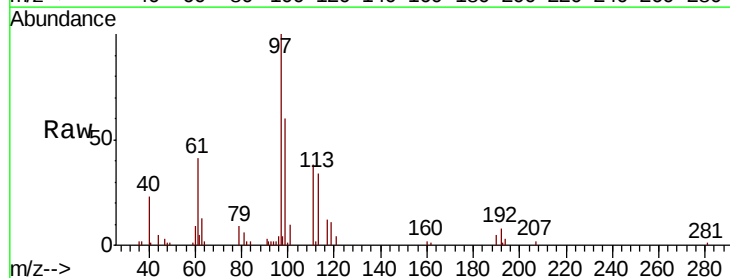
Instrument :
MSVOA_D
ClientSampleId :

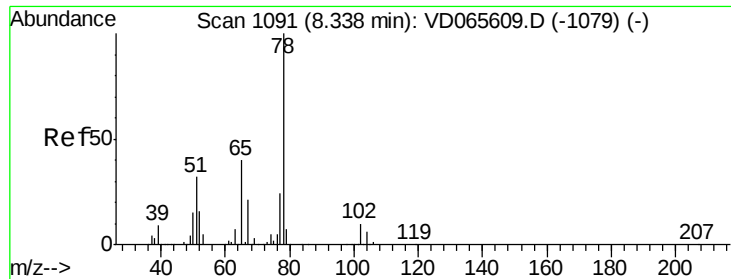
Tot Ion: 56 Resp: 41798
Ion Ratio Lower Upper
56 100
69 58.2 26.2 39.4#
84 95.0 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 5.577 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 97 Resp: 41346
Ion Ratio Lower Upper
97 100
99 64.2 50.2 75.2
61 44.5 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 5.835 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

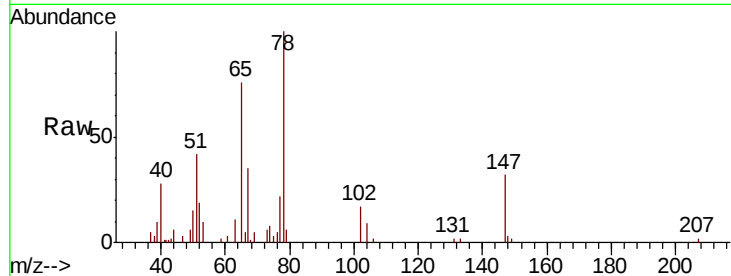
ClientSampleId :

Tot Ion: 65 Resp: 23773

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

12000

10000

8000

6000

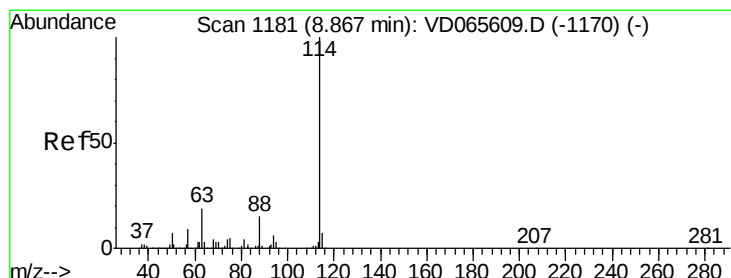
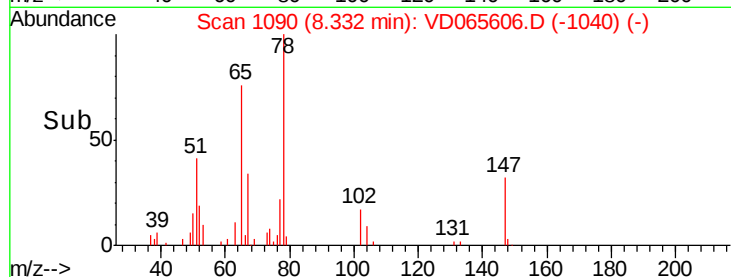
4000

2000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

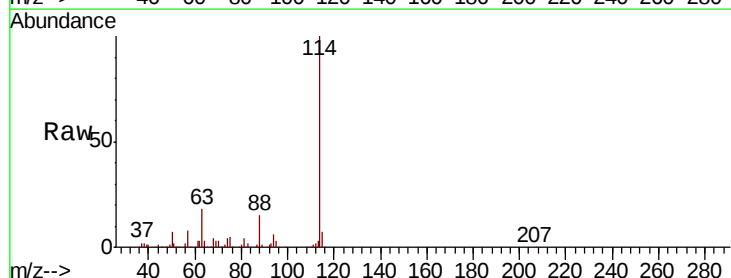
Tgt Ion: 114 Resp: 640935

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.2

88 14.7 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

300000

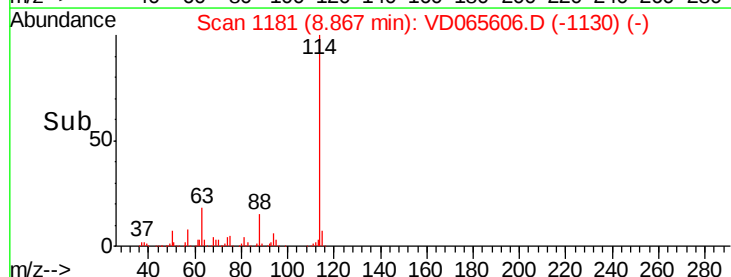
200000

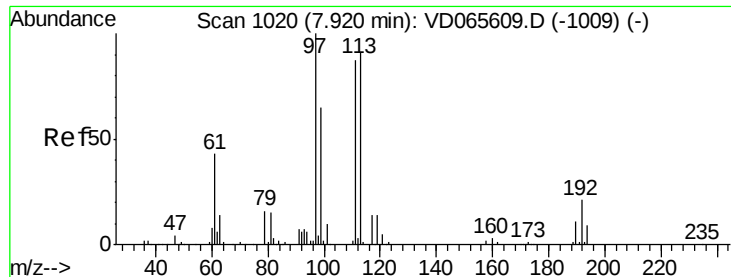
100000

0

8.80 8.90 9.00

Time-->

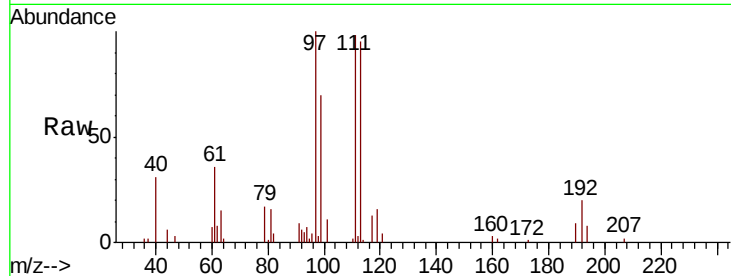




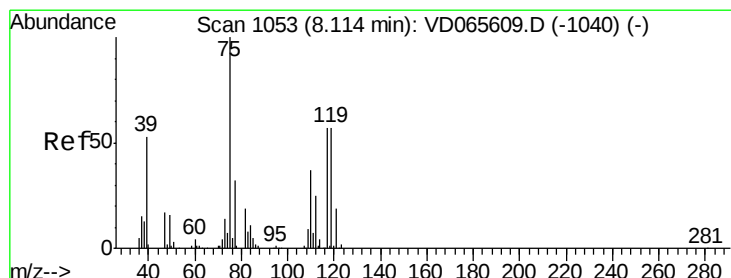
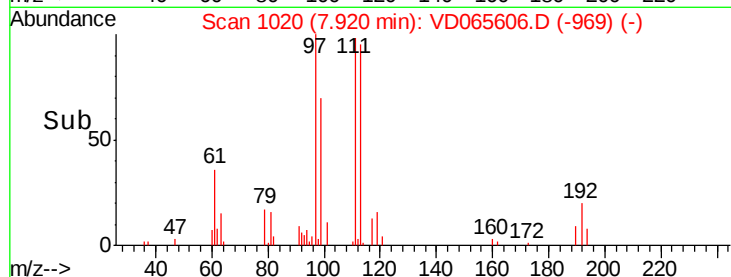
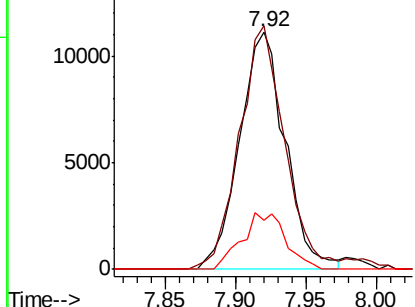
#35
 Dibromofluoromethane
 Concen: 5.640 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 25253
 Ion Ratio Lower Upper
 113 100
 111 104.2 80.6 120.8
 192 22.8 18.6 27.8

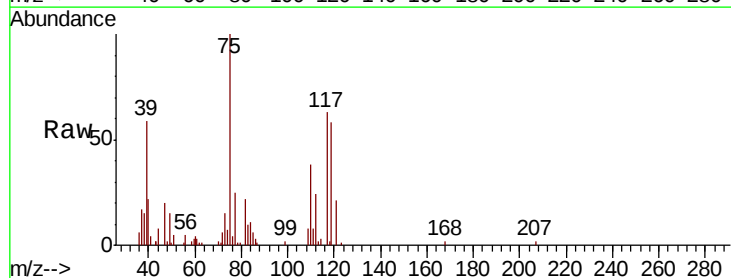


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

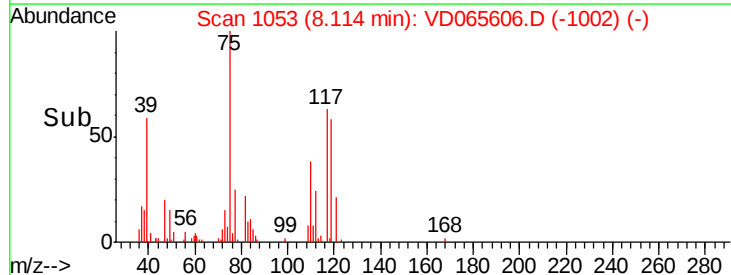
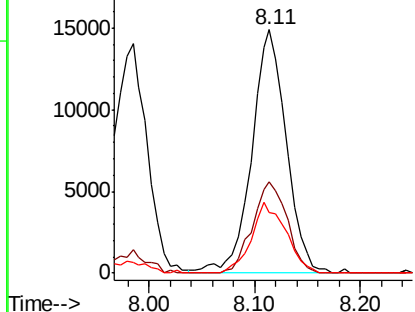


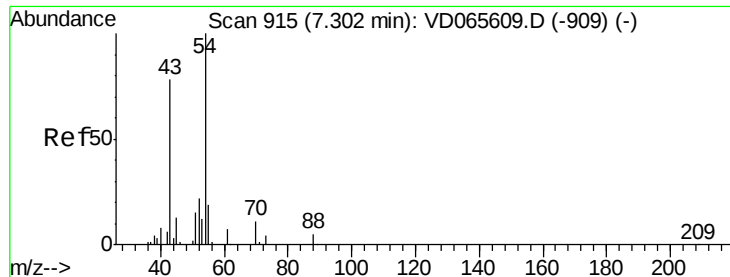
#36
 1,1-Dichloropropene
 Concen: 5.124 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion: 75 Resp: 33814
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.3 54.9
 77 28.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

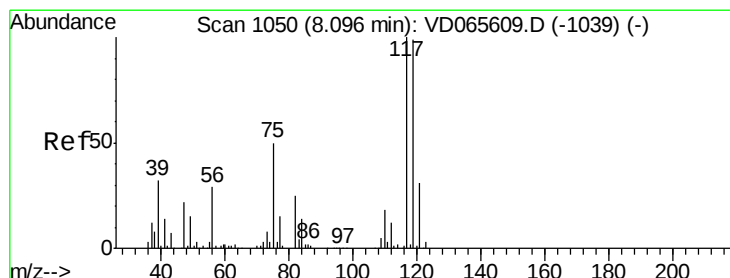
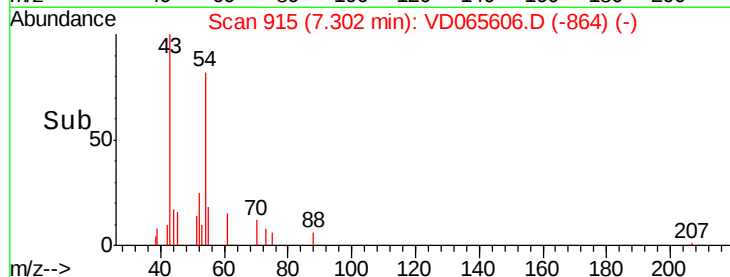
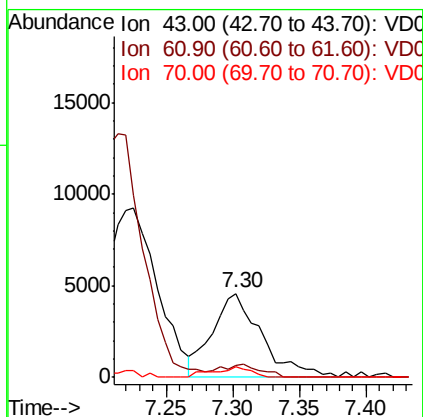
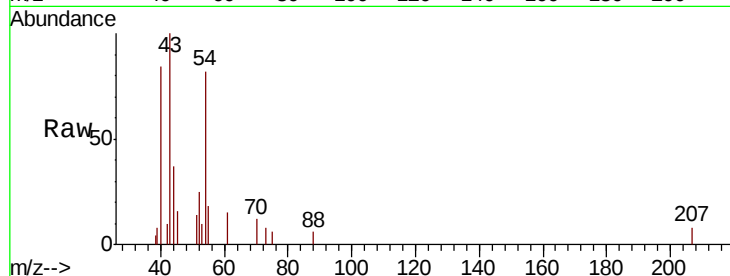




#37
Ethyl Acetate
Concen: 4.821 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

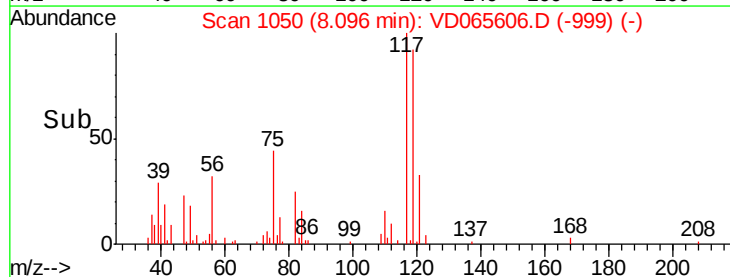
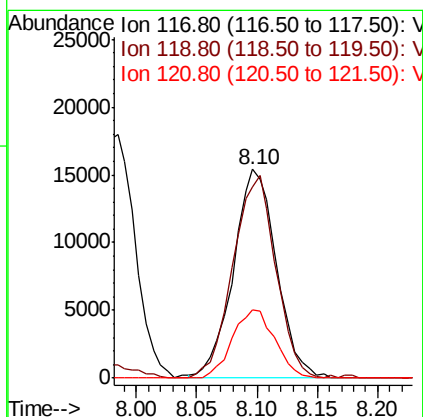
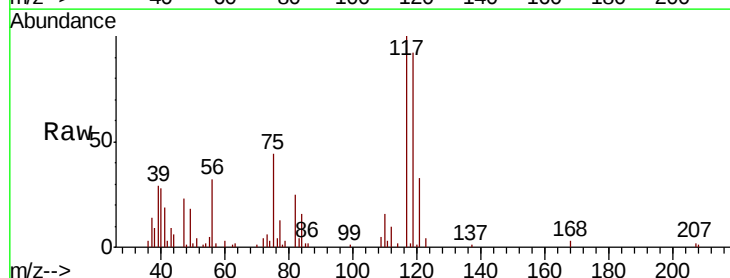
Instrument :
MSVOA_D
ClientSampled :

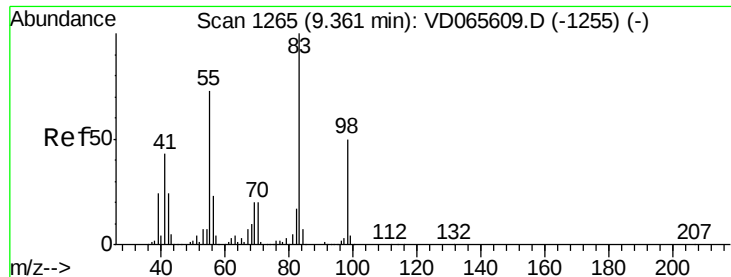
Tot Ion: 43 Resp: 11812
Ion Ratio Lower Upper
43 100
61 12.9 11.3 16.9
70 6.5 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 5.365 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 117 Resp: 38439
Ion Ratio Lower Upper
117 100
119 91.8 78.9 118.3
121 32.9 24.6 37.0

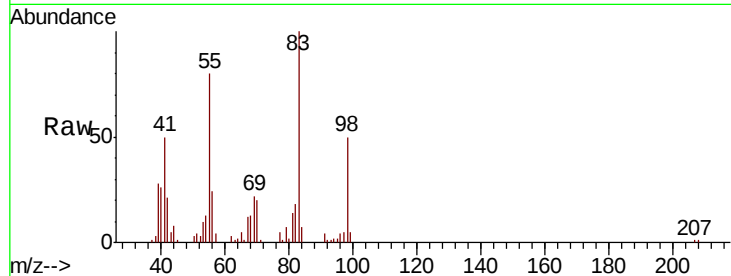




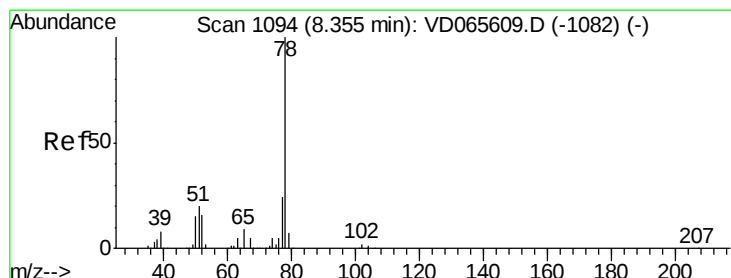
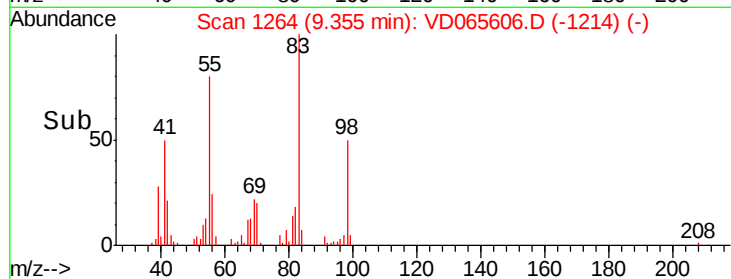
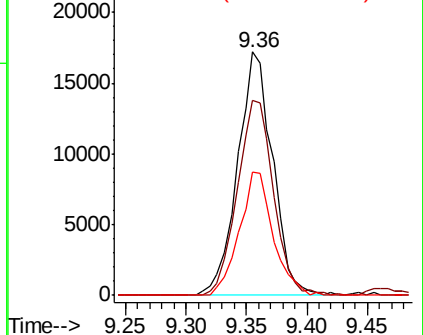
#39
Methvlcvclohexane
Concen: 4.669 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 83 Resp: 34875
Ion Ratio Lower Upper
83 100
55 80.2 58.7 88.1
98 50.5 40.2 60.4

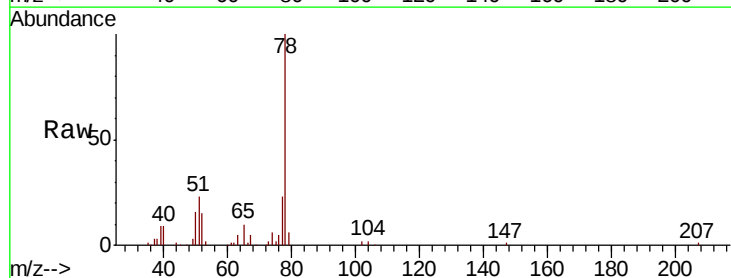


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

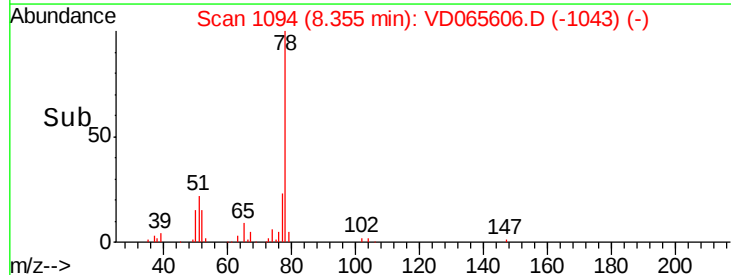
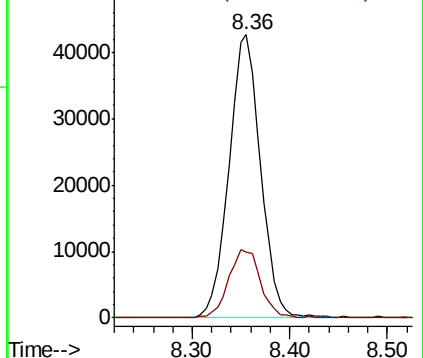


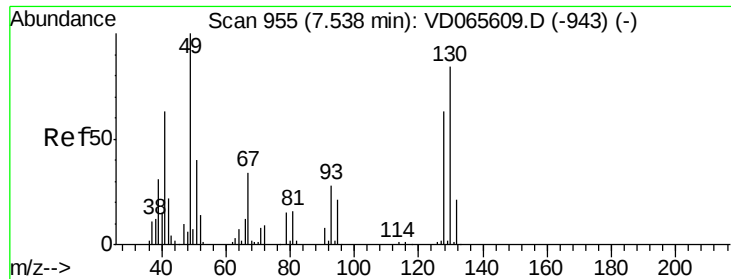
#40
Benzene
Concen: 5.075 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 78 Resp: 95675
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 4.521 ug/l

RT: 7.54 min Scan# 955

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 6474

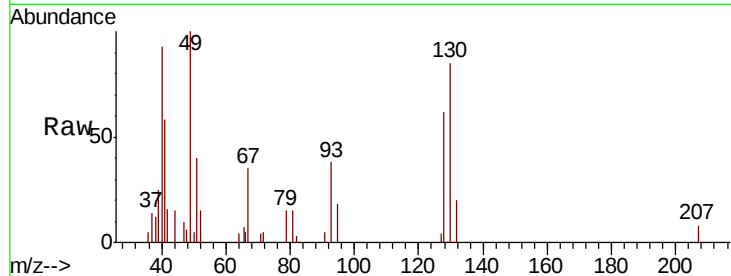
Ion Ratio Lower Upper

41 100

39 50.8 0.0 0.0#

67 67.2 0.0 0.0#

52 28.5 0.0 0.0#

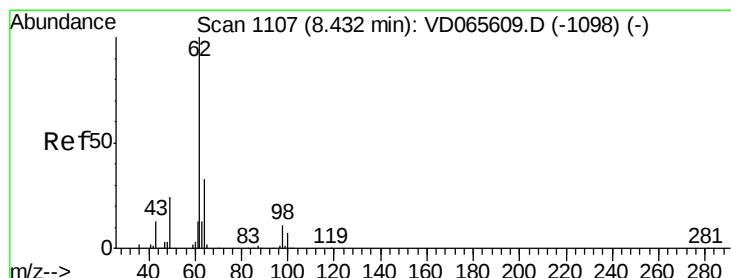
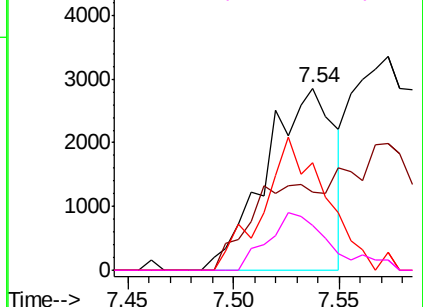
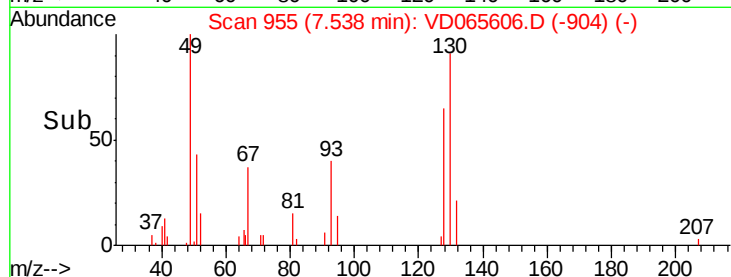


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 5.098 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD065606.D

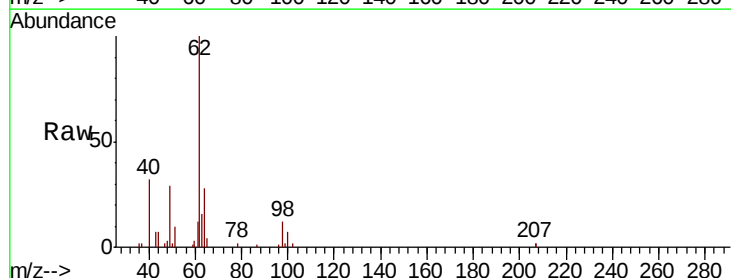
Acq: 09 Apr 2020 10:40

Tgt Ion: 62 Resp: 26847

Ion Ratio Lower Upper

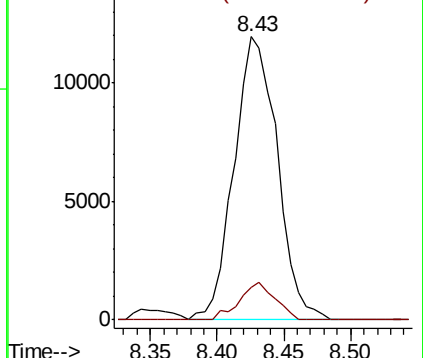
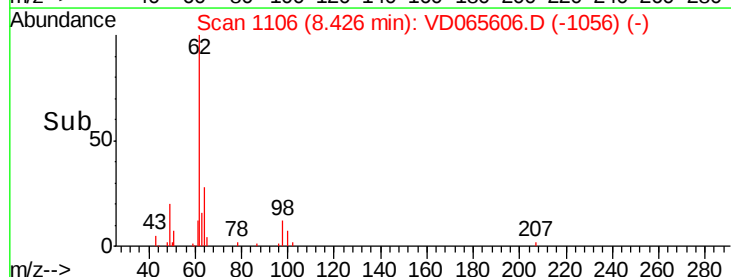
62 100

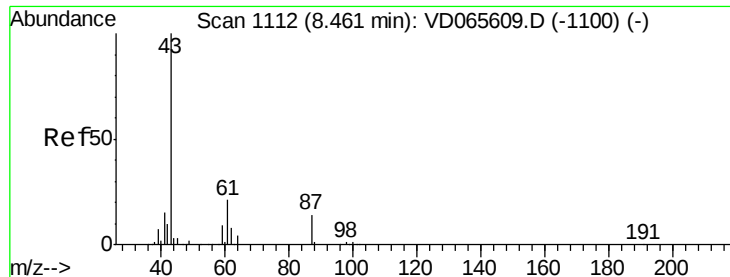
98 10.8 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 4.495 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

ClientSampleId :

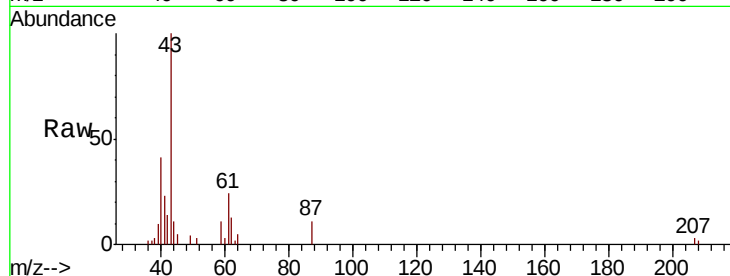
Tot Ion: 43 Resp: 20095

Ion Ratio Lower Upper

43 100

61 37.5 25.9 38.9

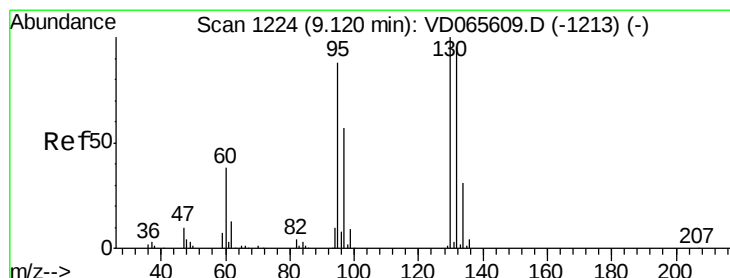
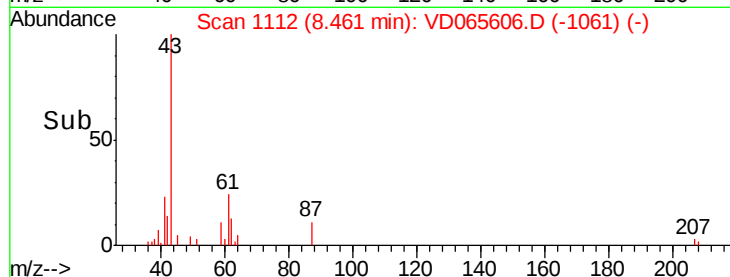
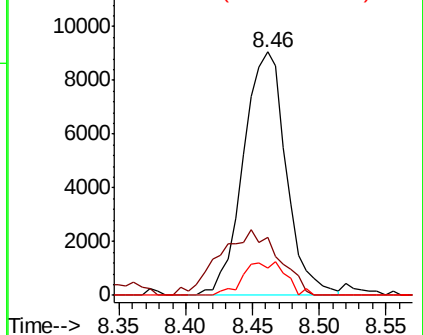
87 13.6 10.9 16.3



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: 5.176 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD065606.D

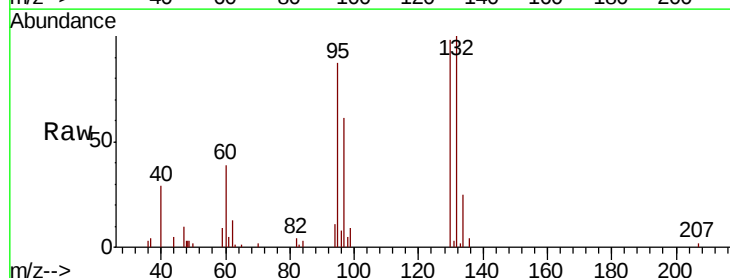
Acq: 09 Apr 2020 10:40

Tgt Ion: 130 Resp: 28044

Ion Ratio Lower Upper

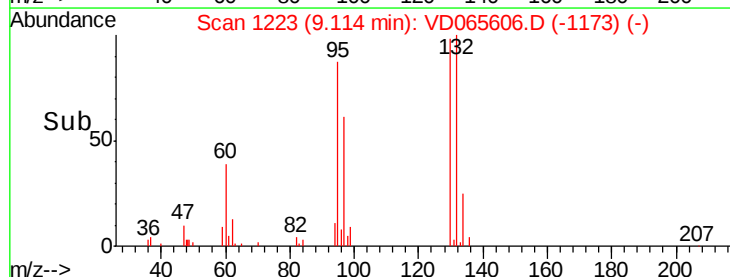
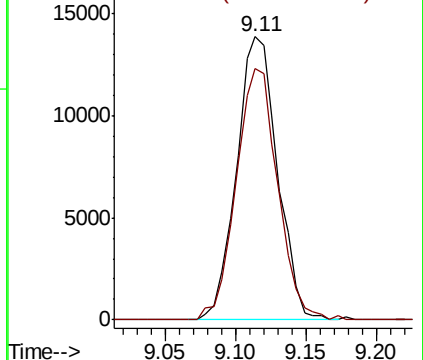
130 100

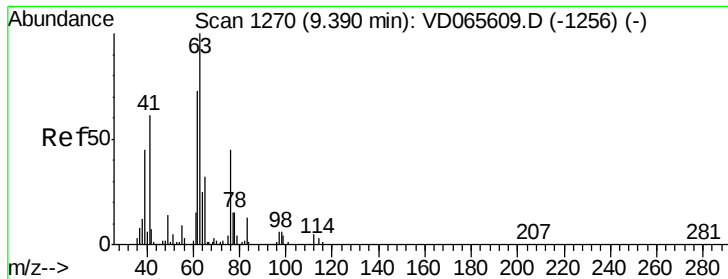
95 88.9 0.0 176.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

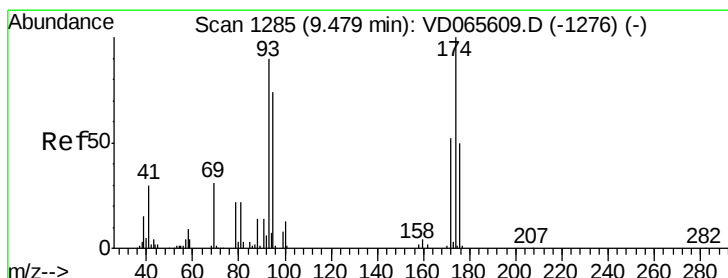
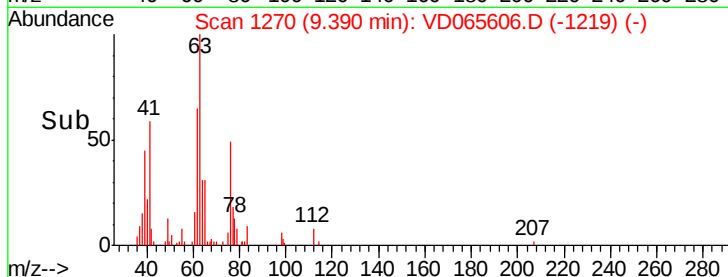
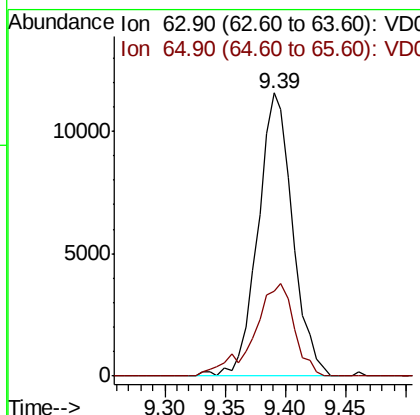
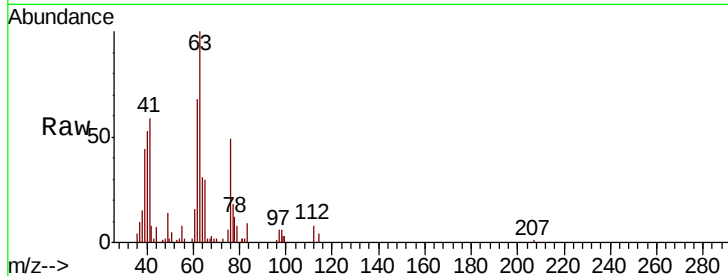




#45
 1,2-Dichloropropane
 Concen: 5.041 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

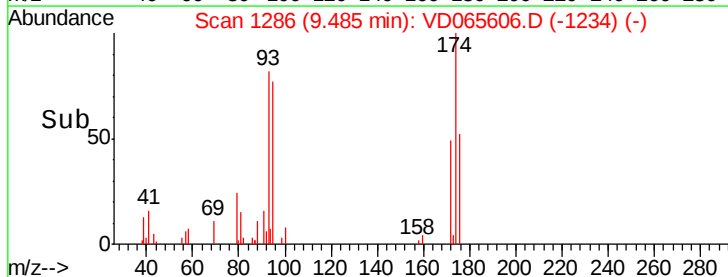
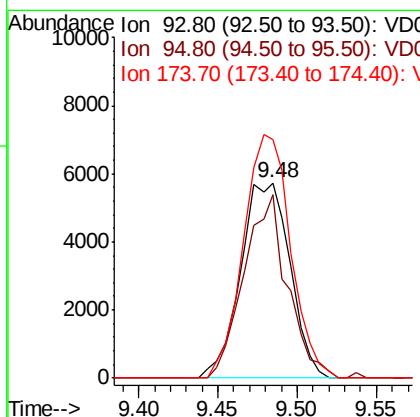
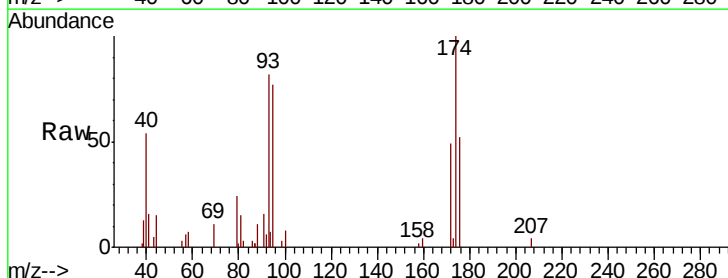
Instrument :
 MSVOA_D
 ClientSampled :

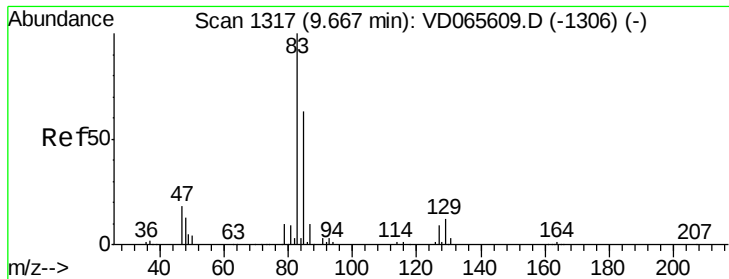
Tot Ion: 63 Resp: 23140
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.3 37.9



#46
 Dibromomethane
 Concen: 5.034 ug/l
 RT: 9.48 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion: 93 Resp: 12421
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.5 99.7
 174 119.1 91.5 137.3





#47

Bromodichloromethane

Concen: 5.066 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

ClientSampleId :

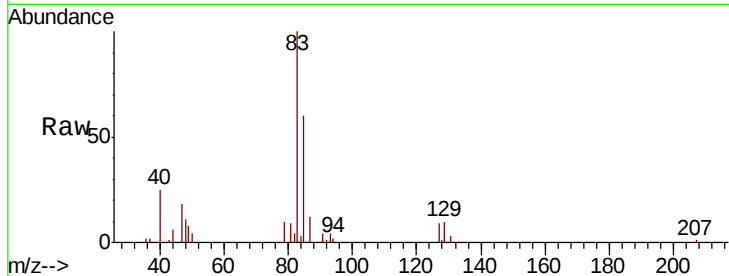
Tot Ion: 83 Resp: 32779

Ion Ratio Lower Upper

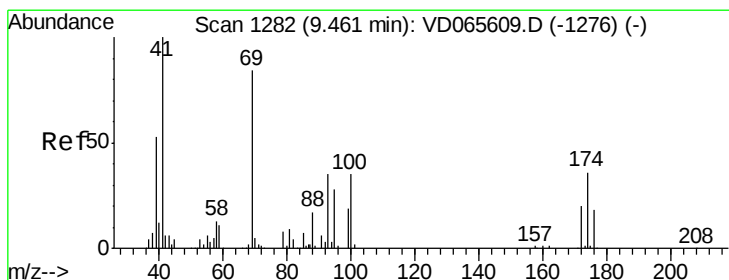
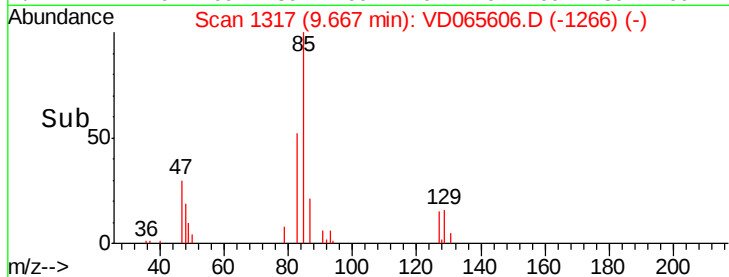
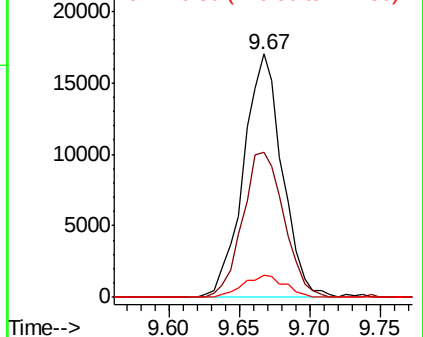
83 100

85 59.8 50.7 76.1

127 9.2 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: 4.298 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

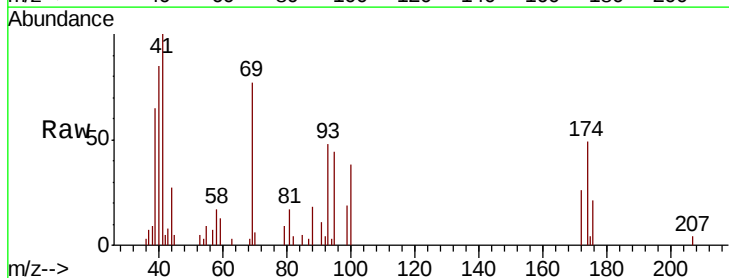
Tgt Ion: 41 Resp: 8910

Ion Ratio Lower Upper

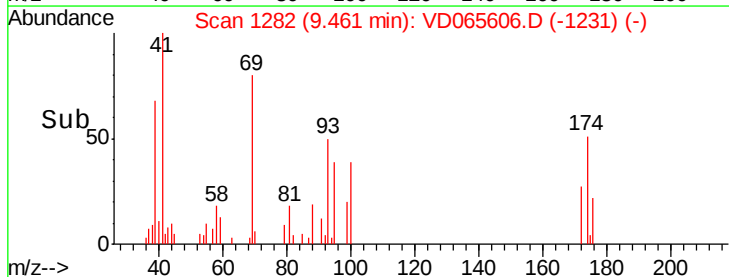
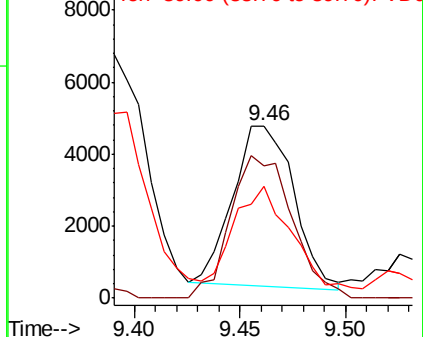
41 100

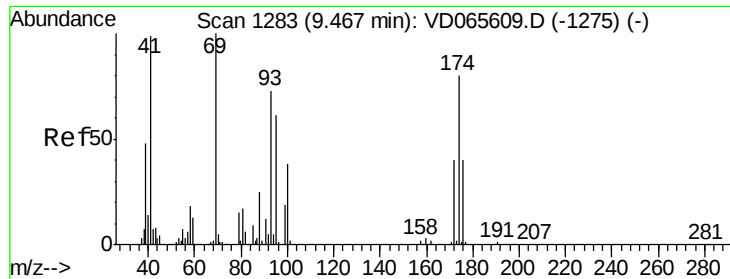
69 90.3 72.4 108.6

39 72.5 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

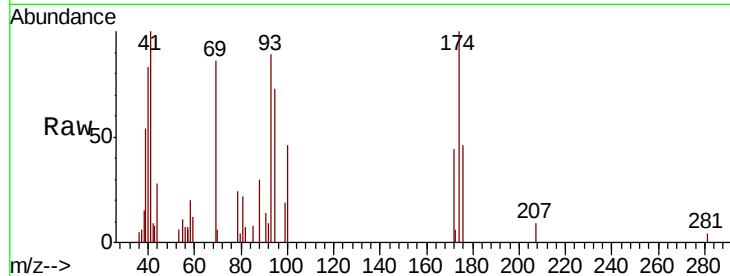




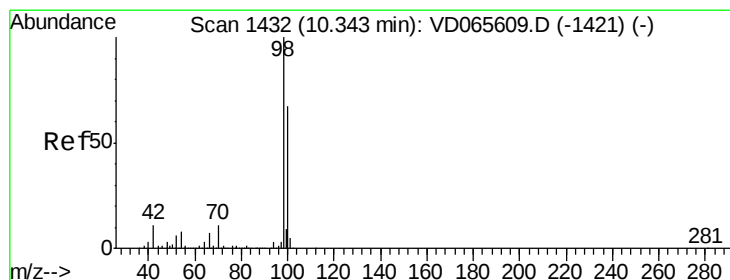
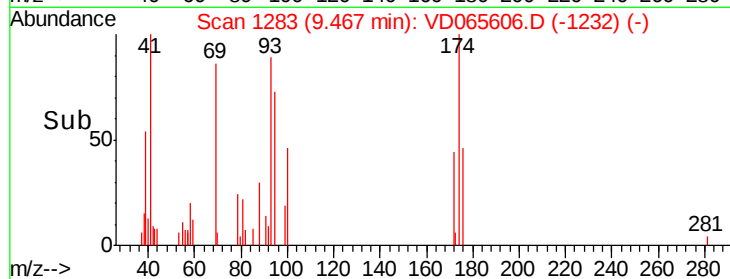
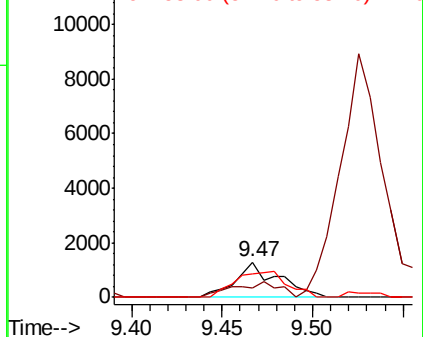
#49
1,4-Dioxane
Concen: 82.423 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 88 Resp: 2154
Ion Ratio Lower Upper
88 100
43 46.1 29.8 44.8#
58 89.1 57.7 86.5#

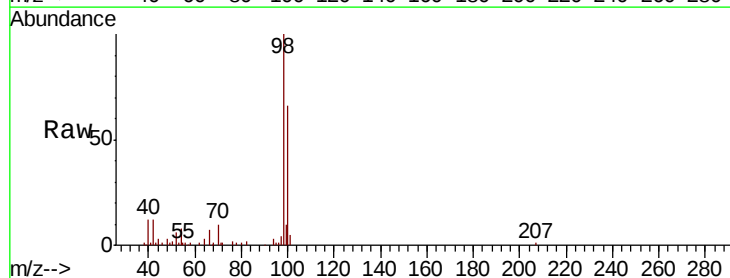


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

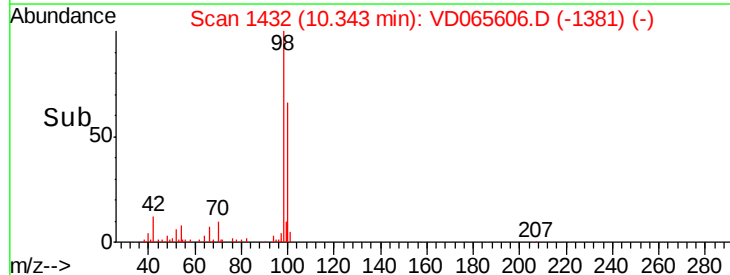
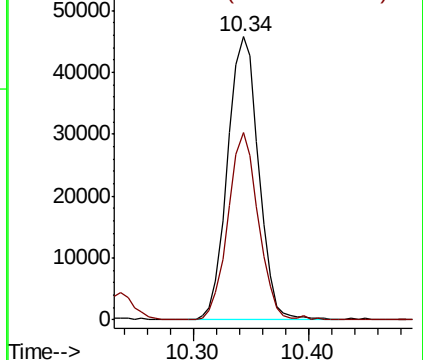


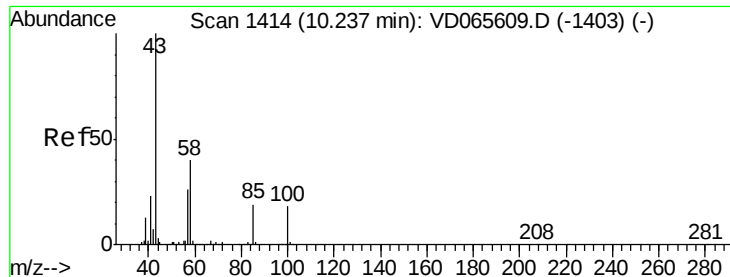
#50
Toluene-d8
Concen: 5.223 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 98 Resp: 85403
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0



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

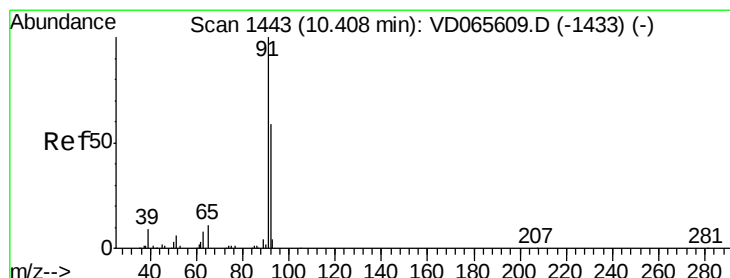
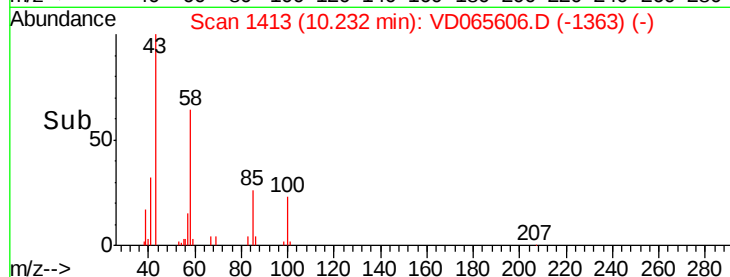
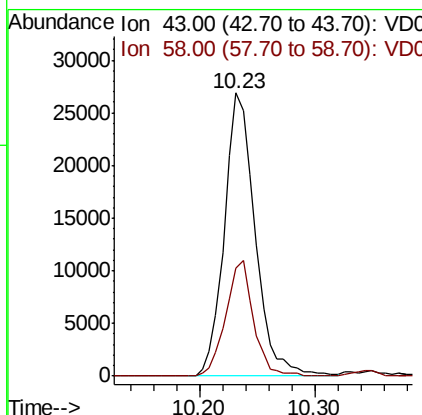
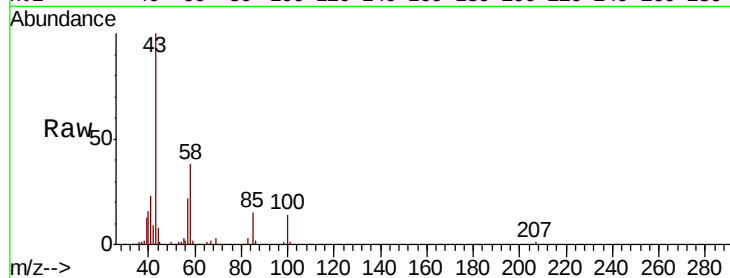




#51
4-Methyl-2-Pentanone
Concen: 21.625 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

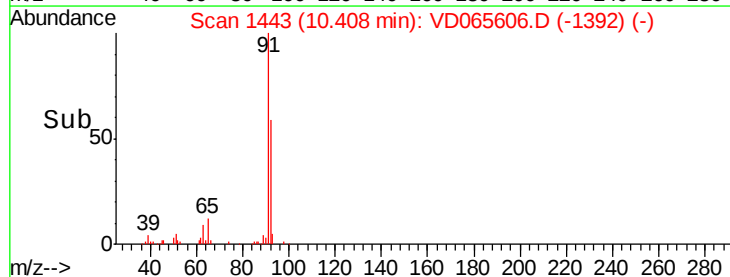
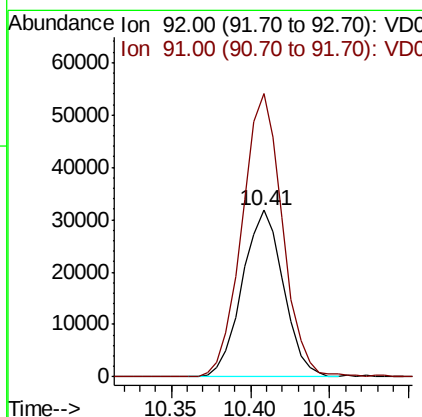
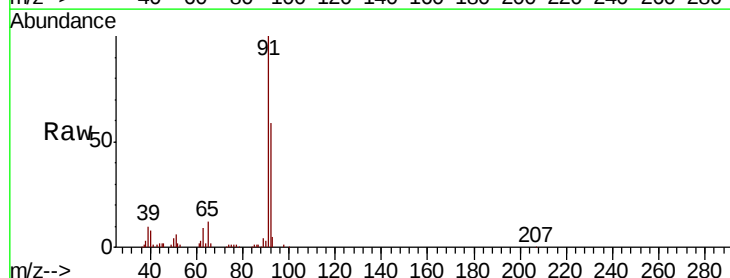
Instrument :
MSVOA_D
ClientSampled :

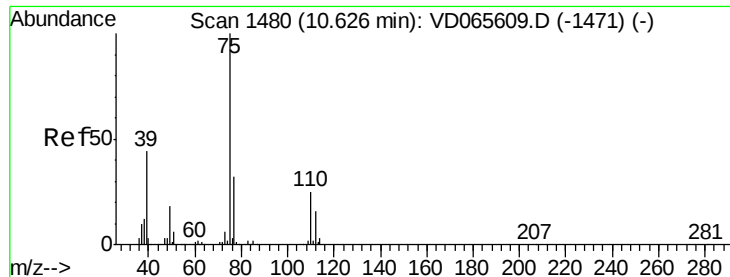
Tot Ion: 43 Resp: 49815
Ion Ratio Lower Upper
43 100
58 36.5 31.4 47.2



#52
Toluene
Concen: 4.824 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 92 Resp: 57504
Ion Ratio Lower Upper
92 100
91 166.4 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 4.624 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

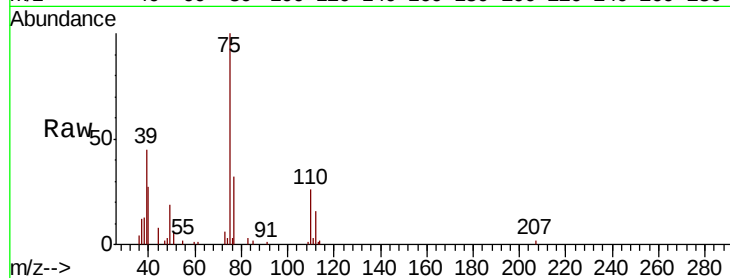
ClientSampleId :

Tot Ion: 75 Resp: 26556

Ion Ratio Lower Upper

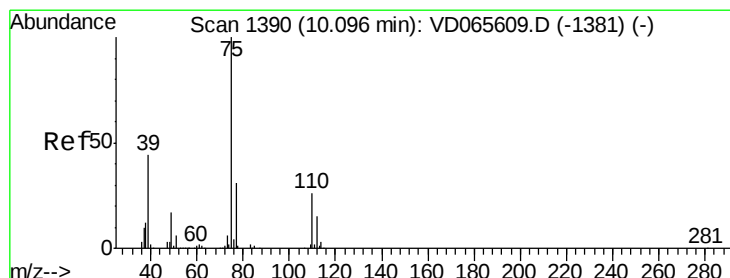
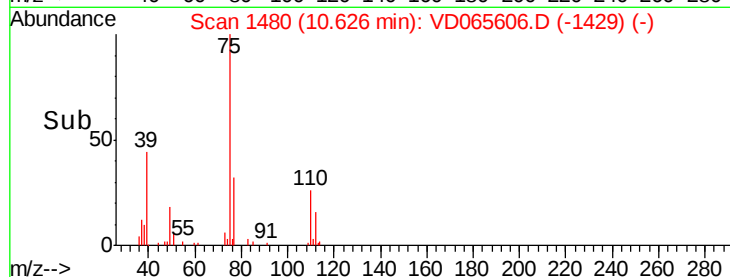
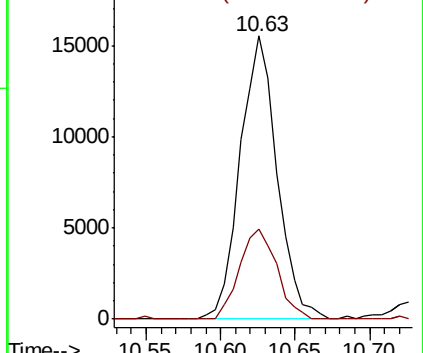
75 100

77 31.9 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 4.593 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

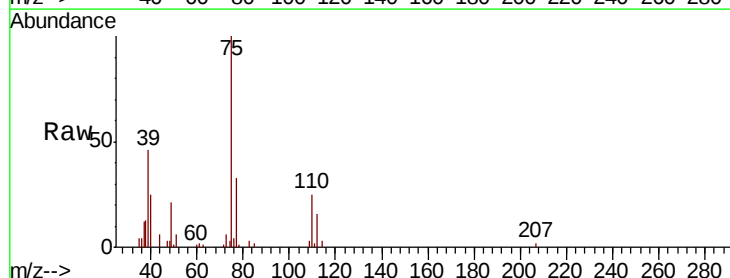
Tgt Ion: 75 Resp: 32300

Ion Ratio Lower Upper

75 100

77 33.4 24.5 36.7

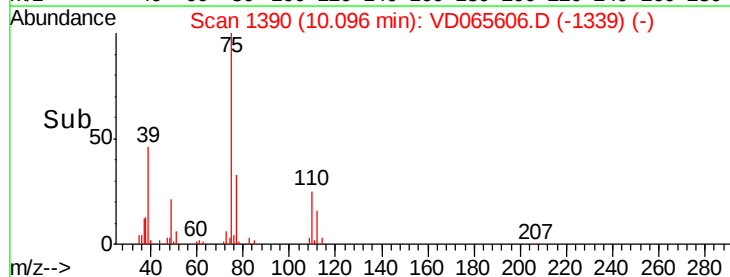
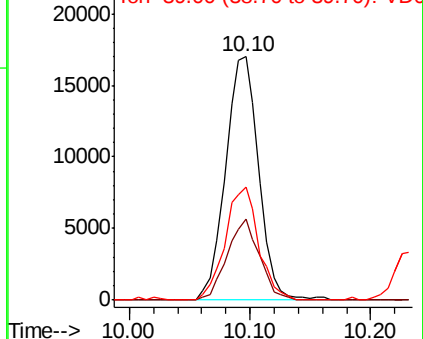
39 46.3 35.5 53.3

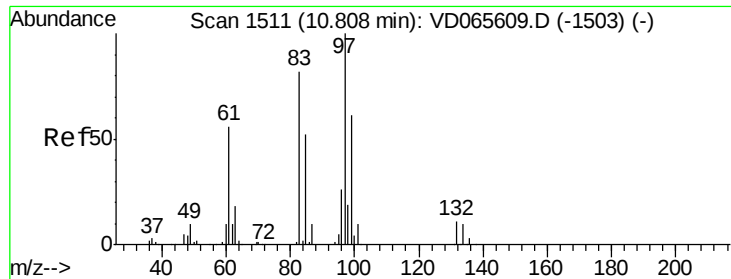


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

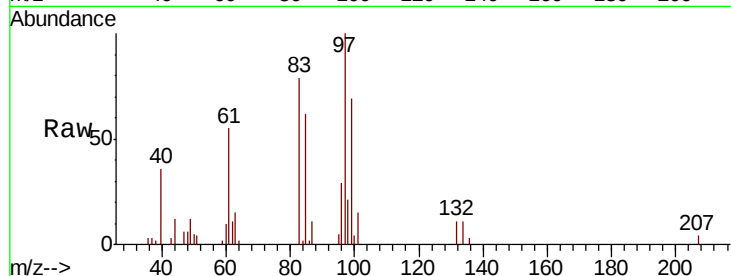




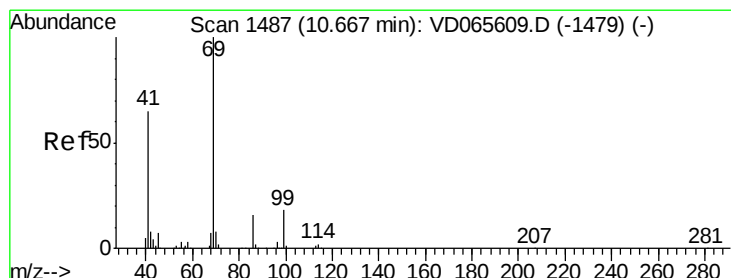
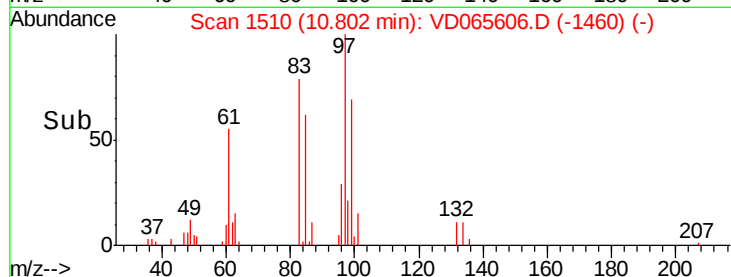
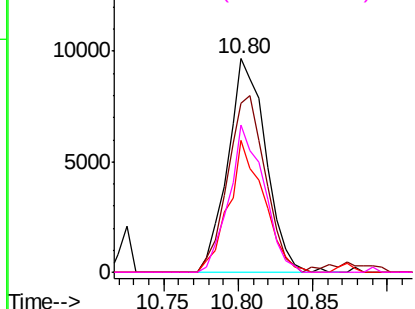
#55
 1,1,2-Trichloroethane
 Concen: 4.949 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:	97	Resp:	17137
Ion	Ratio	Lower	Upper
97	100		
83	79.1	65.7	98.5
85	61.8	41.6	62.4
99	69.1	48.7	73.1

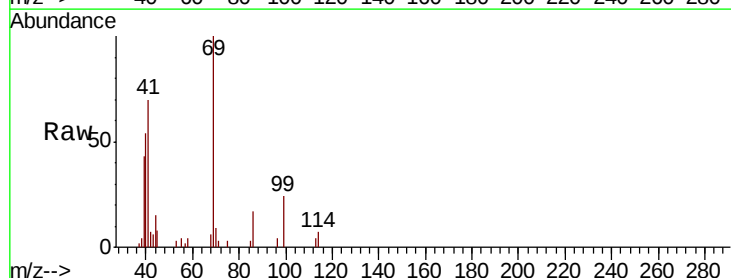


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

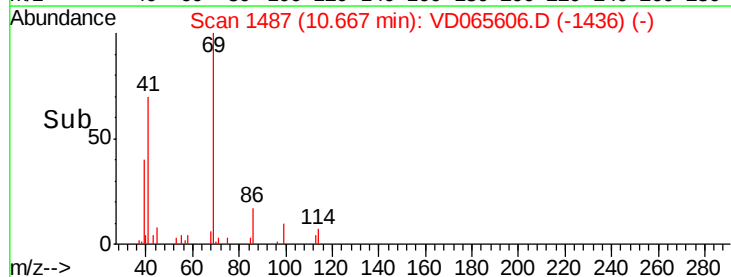
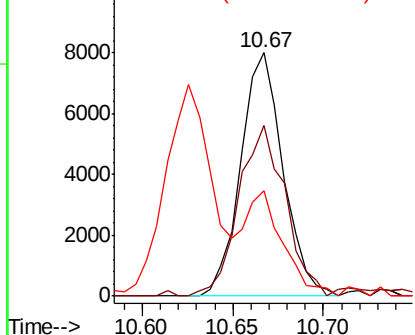


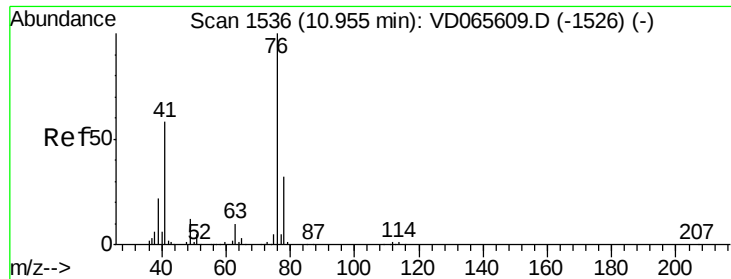
#56
 Ethyl methacrylate
 Concen: 3.722 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion:	69	Resp:	12998
Ion	Ratio	Lower	Upper
69	100		
41	77.5	54.4	81.6
39	39.8	26.5	39.7#



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

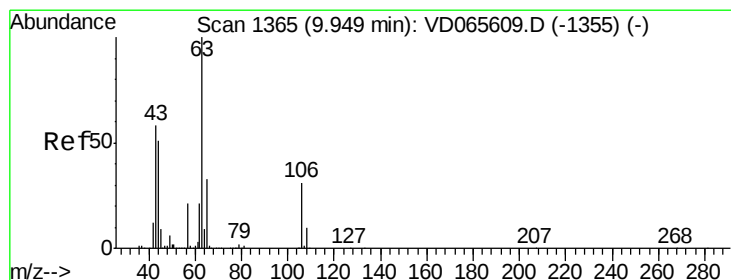
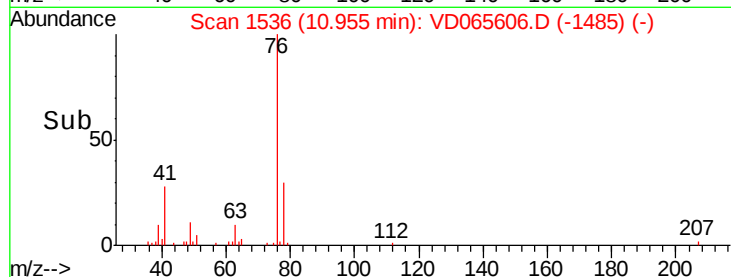
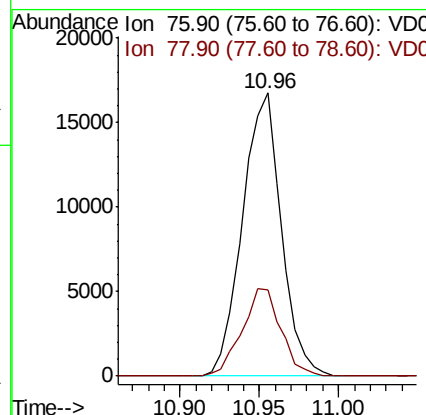
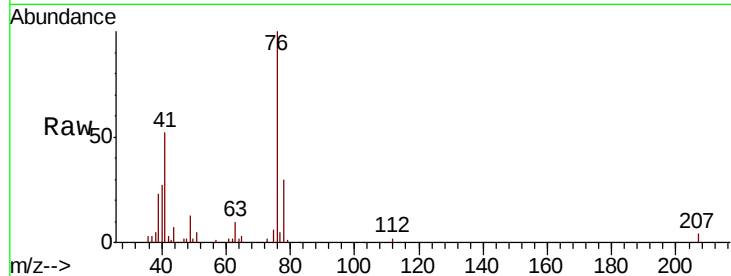




#57
 1,3-Dichloropropane
 Concen: 4.971 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

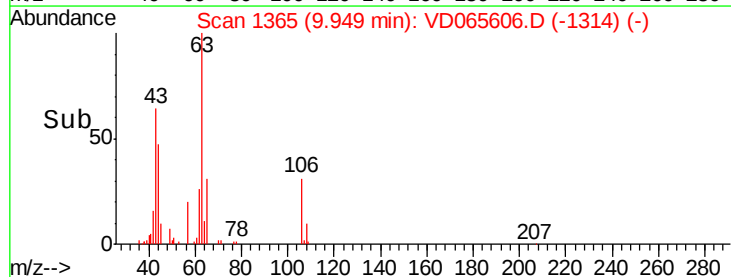
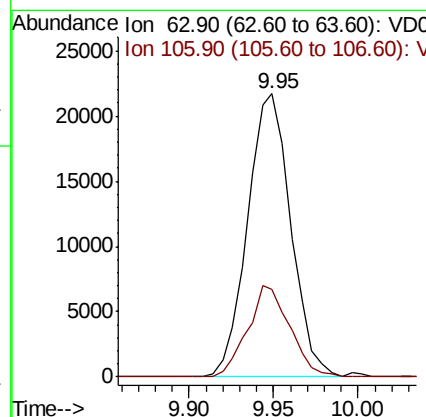
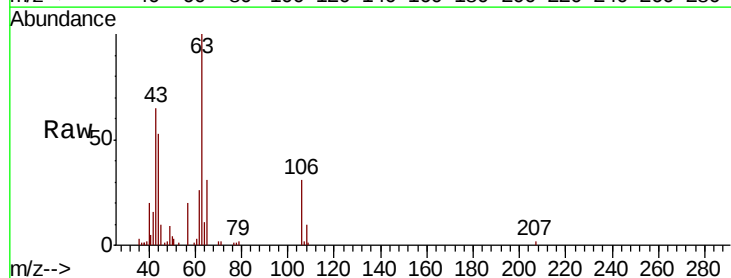
Instrument :
 MSVOA_D
 ClientSampleId :

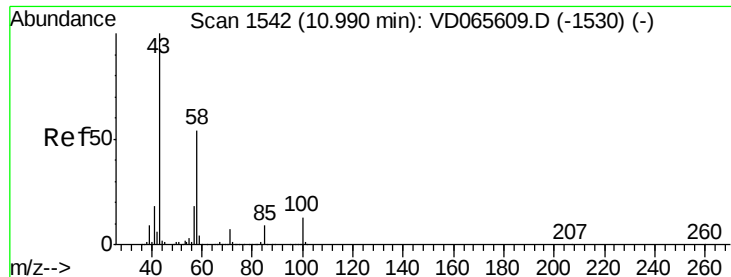
Tot Ion: 76 Resp: 28512
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.064 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion: 63 Resp: 38632
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.2 36.2

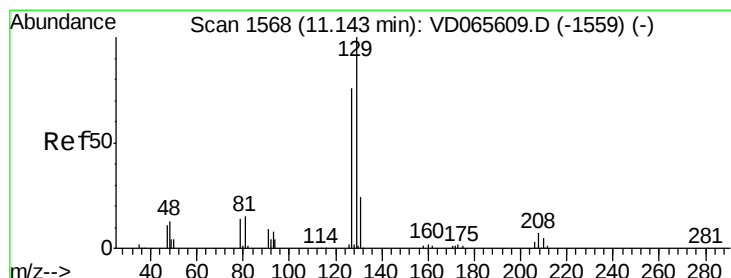
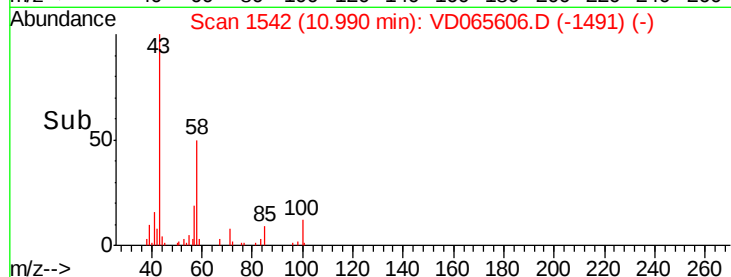
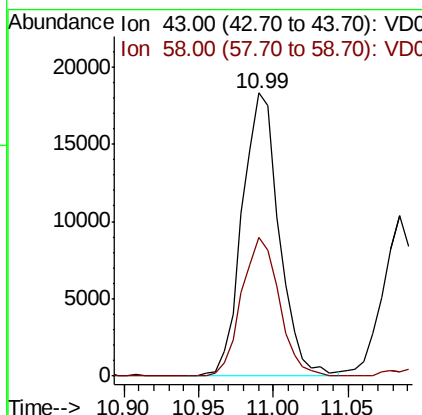
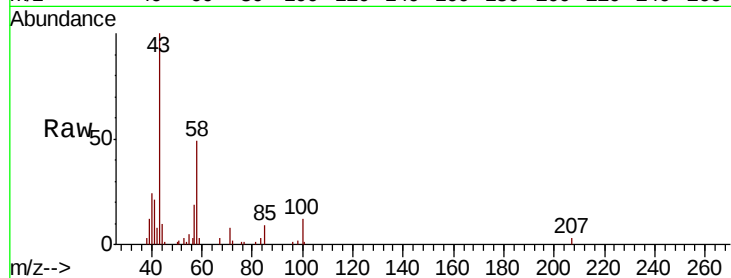




#59
2-Hexanone
Concen: 20.512 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

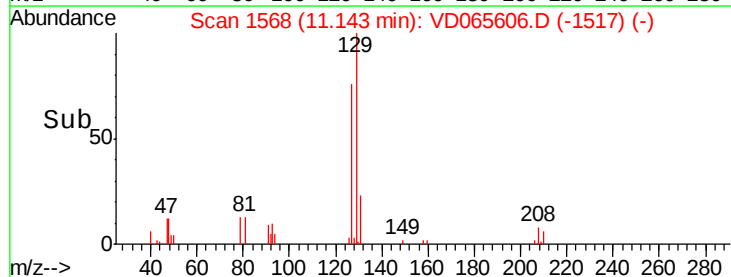
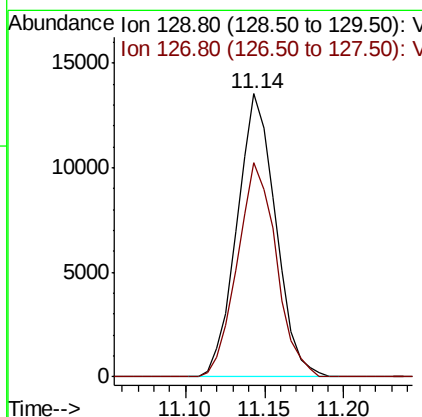
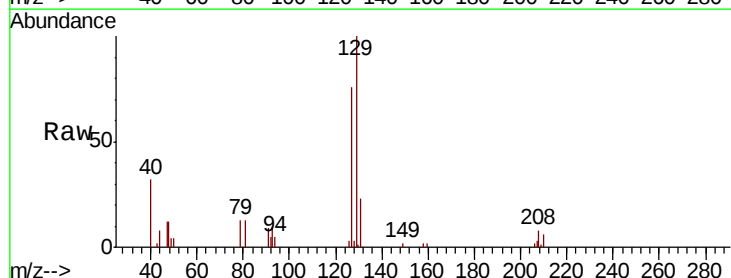
Instrument :
MSVOA_D
ClientSampleId :

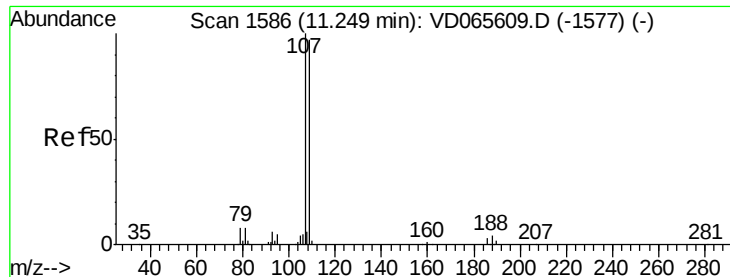
Tot Ion: 43 Resp: 31403
Ion Ratio Lower Upper
43 100
58 50.0 27.1 81.3



#60
Dibromochloromethane
Concen: 4.972 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 129 Resp: 22930
Ion Ratio Lower Upper
129 100
127 76.0 38.1 114.3

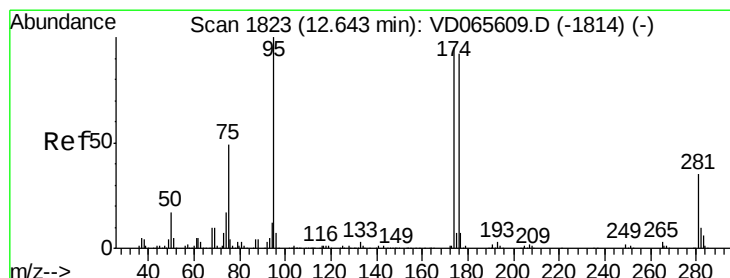
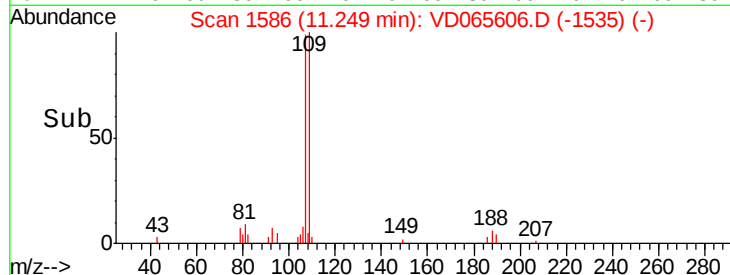
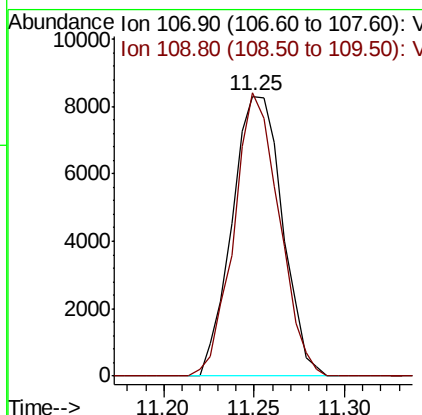
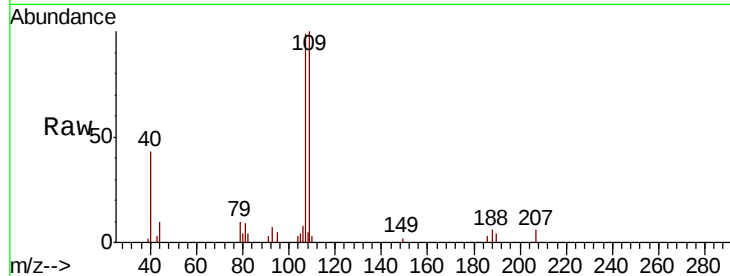




#61
 1,2-Dibromoethane
 Concen: 4.882 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

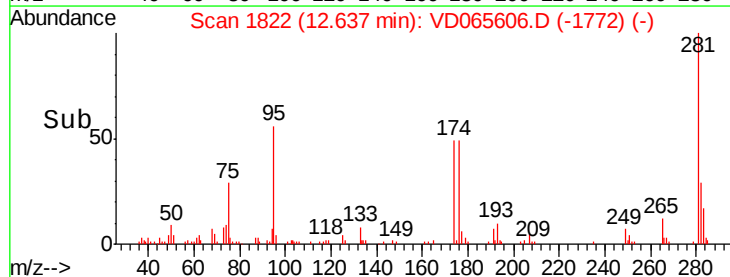
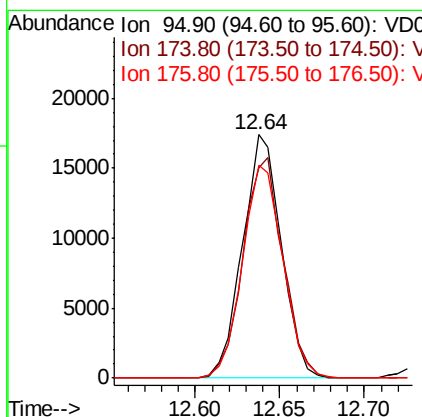
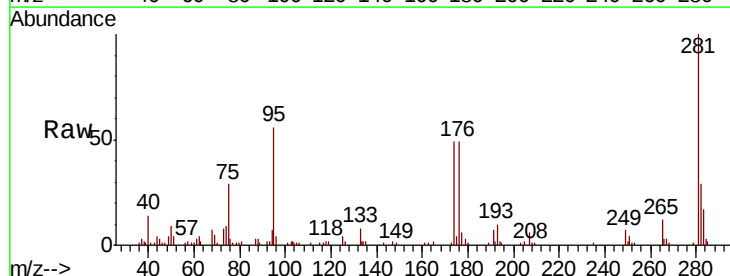
Instrument :
 MSVOA_D
 ClientSampleId :

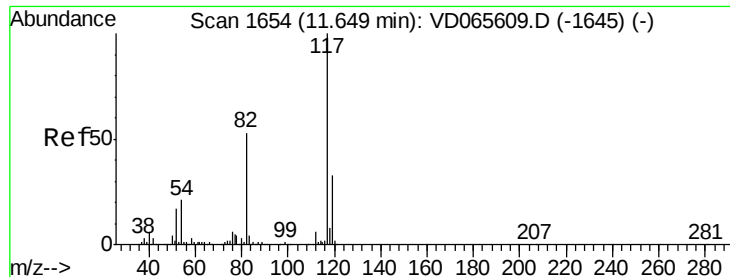
Tot Ion: 107 Resp: 16069
 Ion Ratio Lower Upper
 107 100
 109 90.7 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 5.287 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion: 95 Resp: 27778
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 182.8
 176 91.4 0.0 176.6

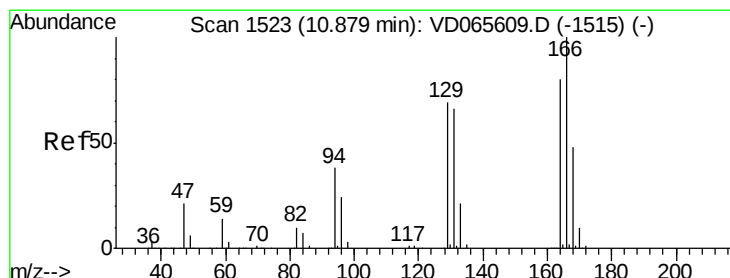
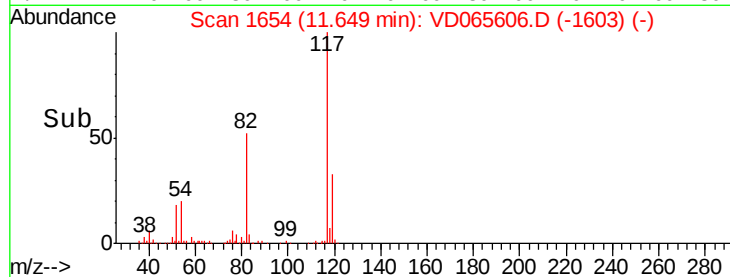
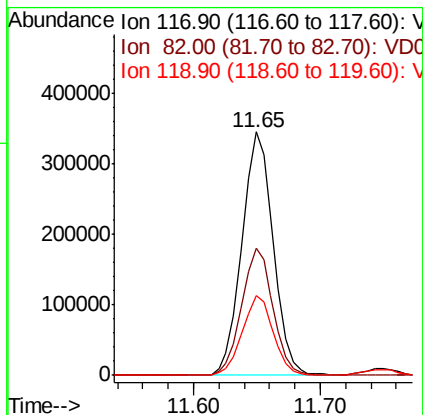
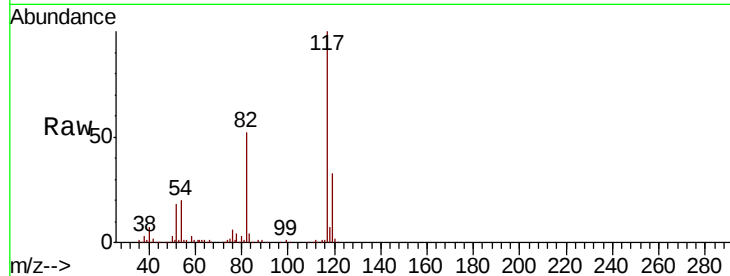




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

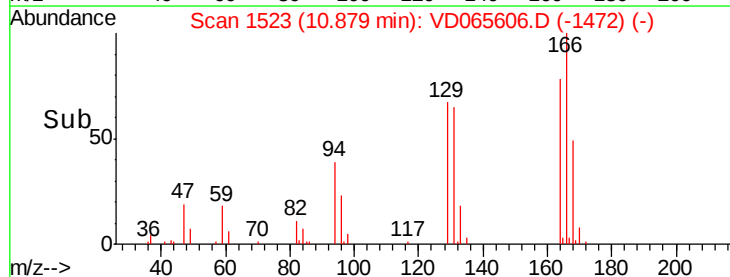
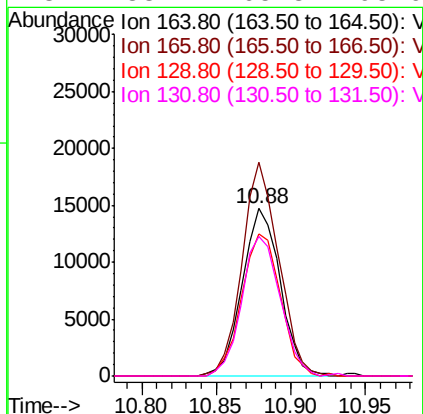
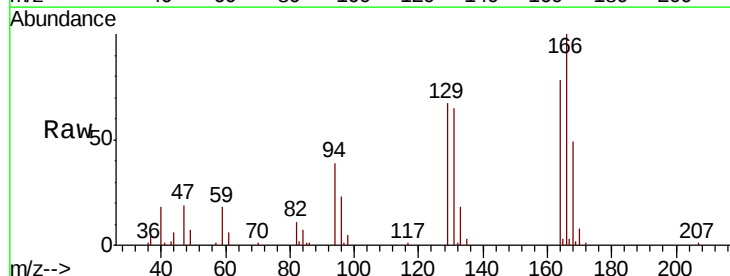
Instrument :
MSVOA_D
ClientSampleId :

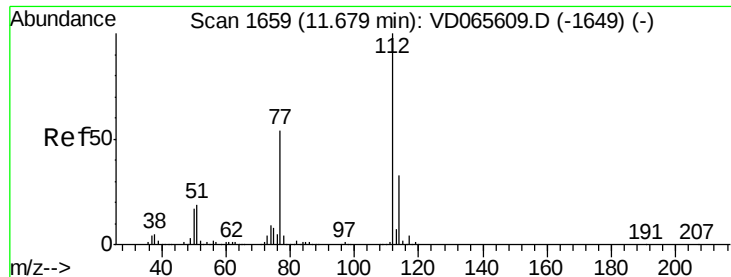
Tot Ion:117 Resp: 592833
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 32.5 26.7 40.1



#64
Tetrachloroethene
Concen: 5.514 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion:164 Resp: 26002
Ion Ratio Lower Upper
164 100
166 127.8 100.2 150.2
129 85.4 69.5 104.3
131 83.7 65.8 98.6

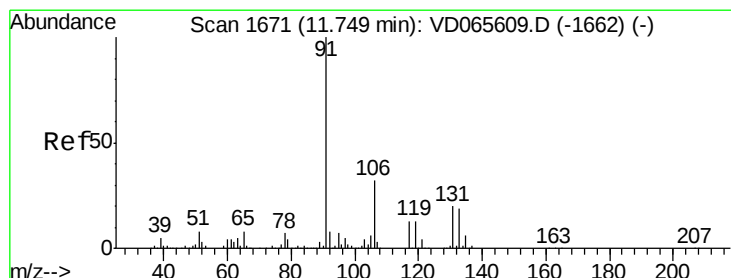
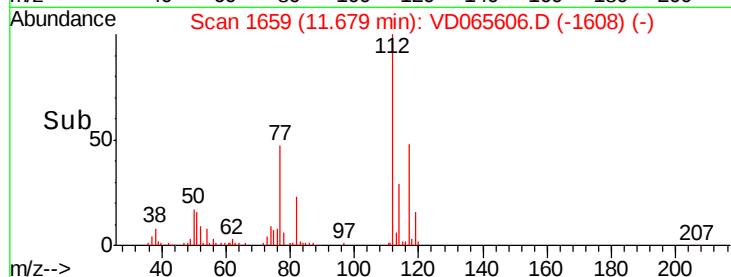
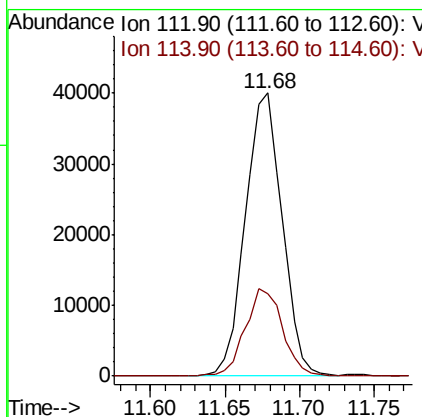
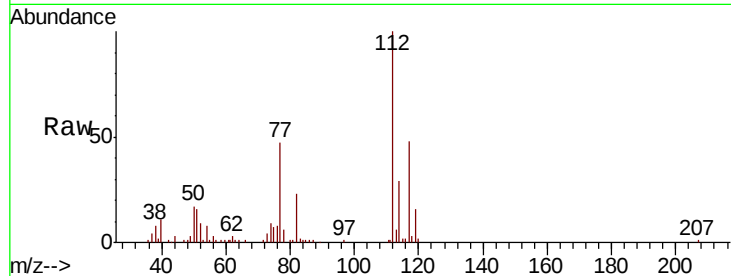




#65
Chlorobenzene
Concen: 5.315 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

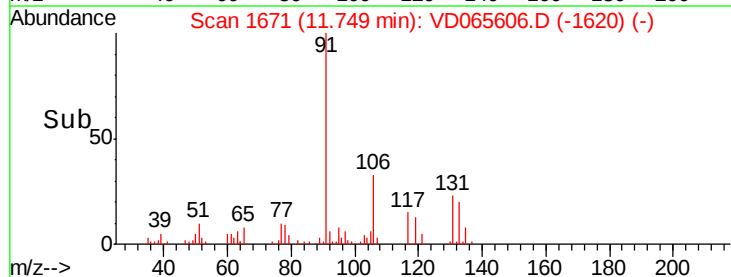
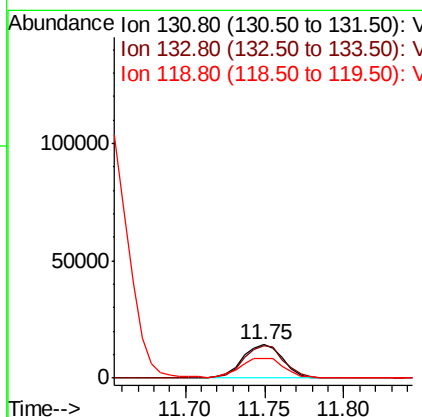
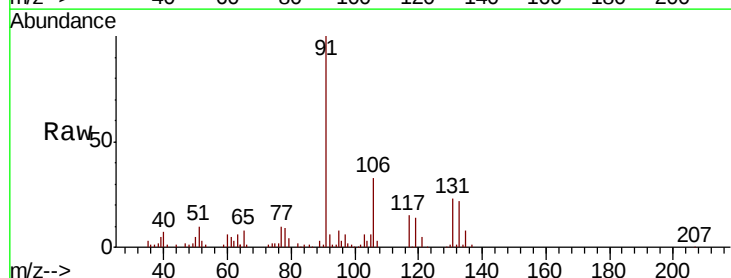
Instrument :
MSVOA_D
ClientSampled :

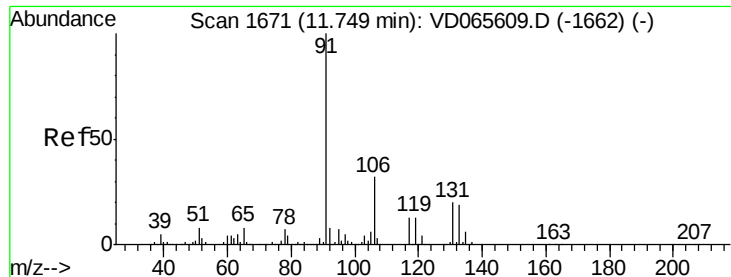
Tot Ion:112 Resp: 68241
Ion Ratio Lower Upper
112 100
114 29.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.240 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion:131 Resp: 25631
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 63.5 31.9 95.9





#67

Ethyl Benzene

Concen: 4.789 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

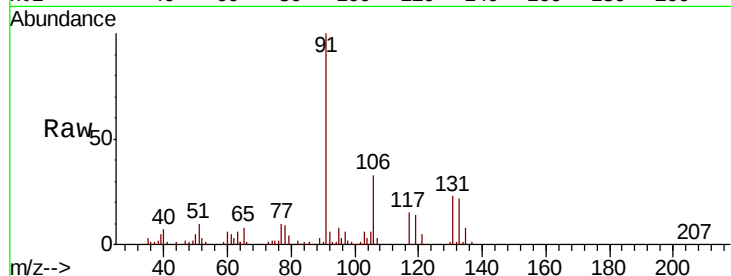
ClientSampled :

Tot Ion: 91 Resp: 101541

Ion Ratio Lower Upper

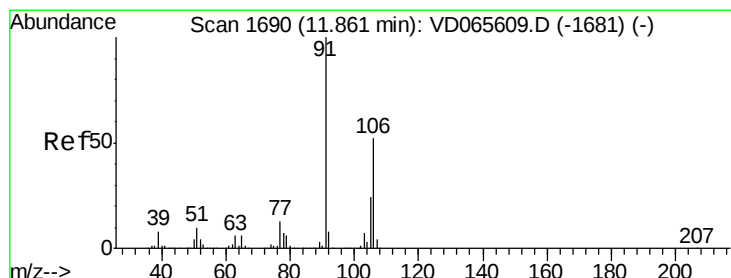
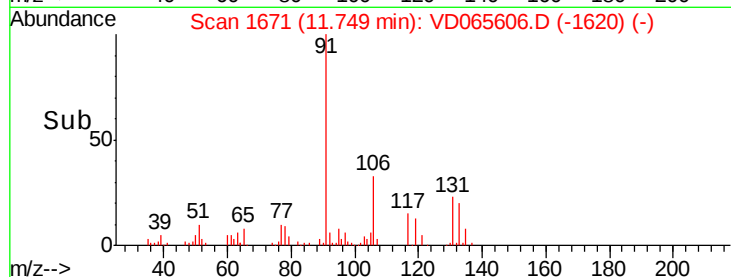
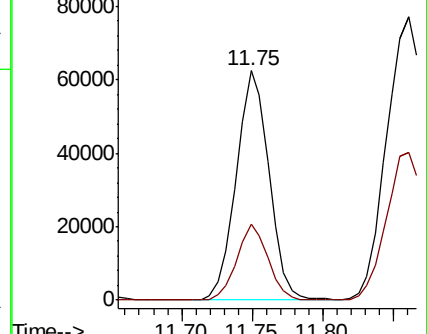
91 100

106 33.2 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 9.178 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VD065606.D

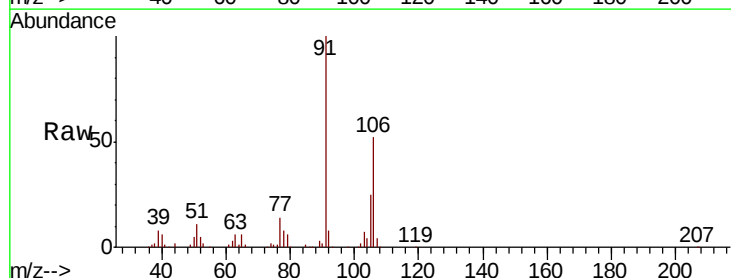
Acq: 09 Apr 2020 10:40

Tgt Ion: 106 Resp: 76767

Ion Ratio Lower Upper

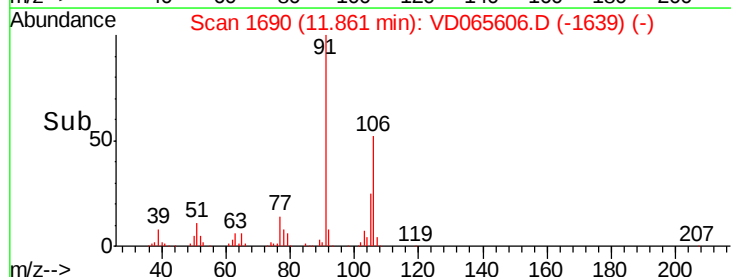
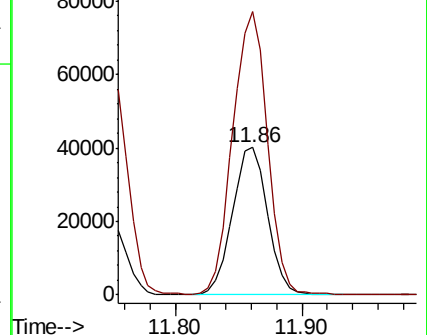
106 100

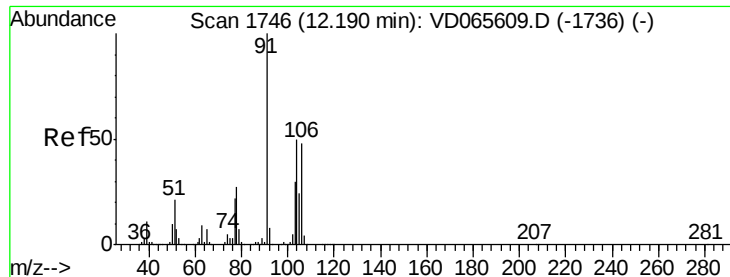
91 190.7 155.0 232.4



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

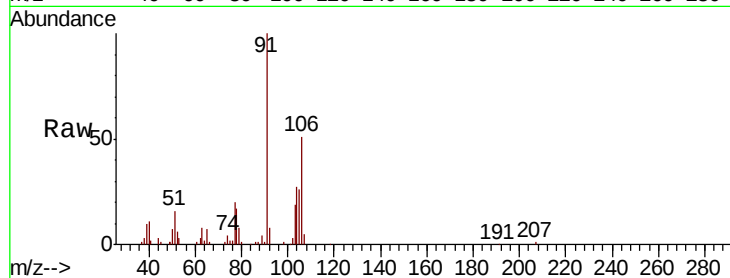




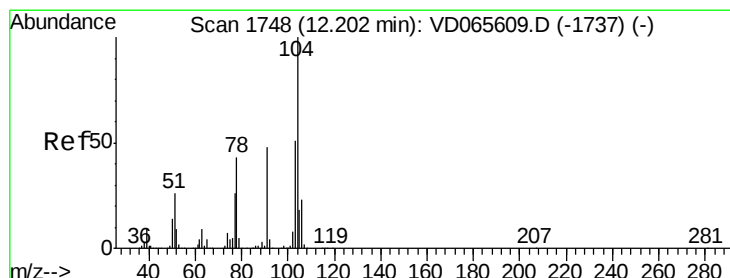
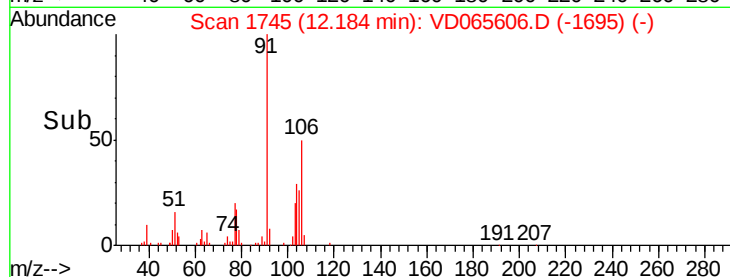
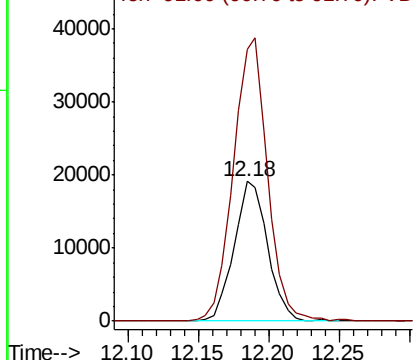
#69
o-Xylene
Concen: 4.386 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 31609
Ion Ratio Lower Upper
106 100
91 206.4 103.8 311.3

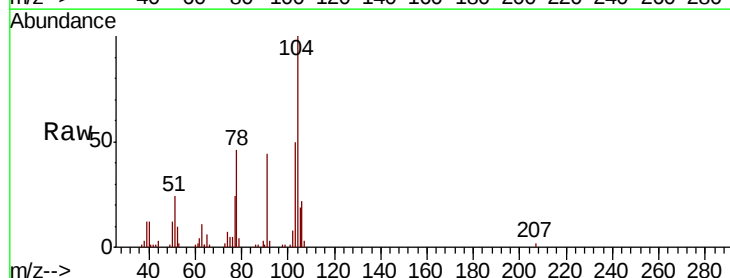


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

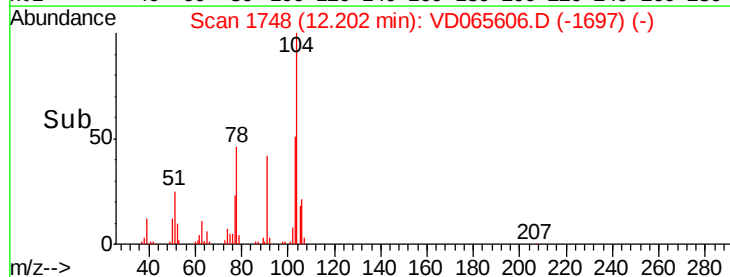
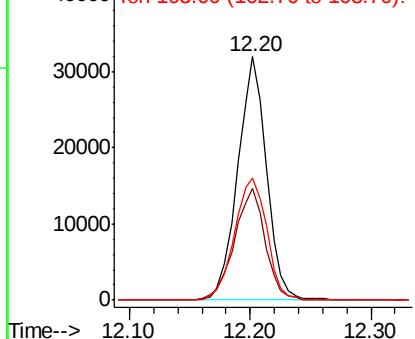


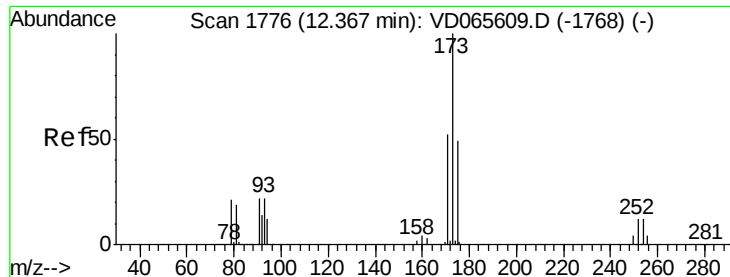
#70
Styrene
Concen: 4.168 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion:104 Resp: 53109
Ion Ratio Lower Upper
104 100
78 48.9 37.1 55.7
103 56.1 43.2 64.8



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

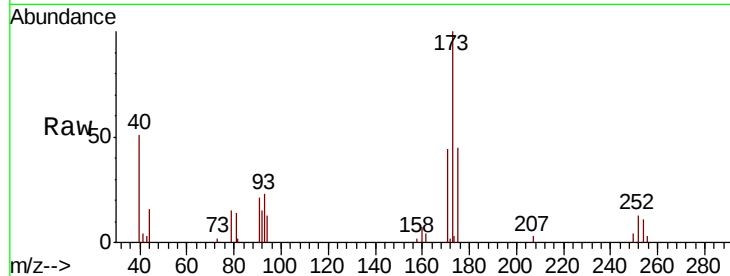




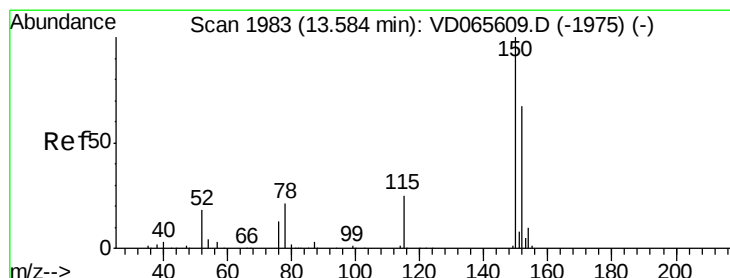
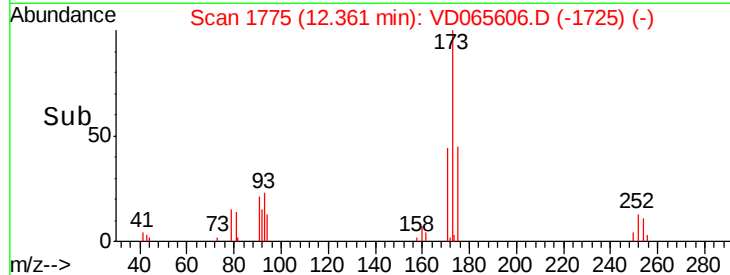
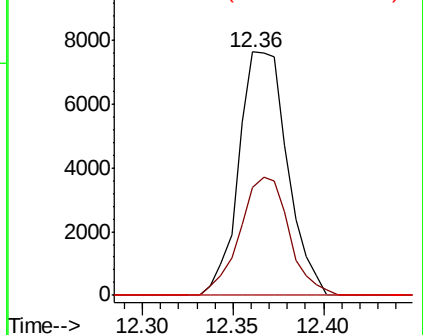
#71
 Bromoform
 Concen: 5.187 ug/l
 RT: 12.36 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:173 Resp: 14228
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.5 73.5
 254 0.0 0.0 0.0

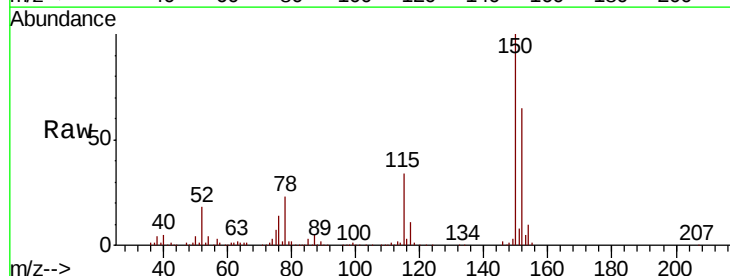


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

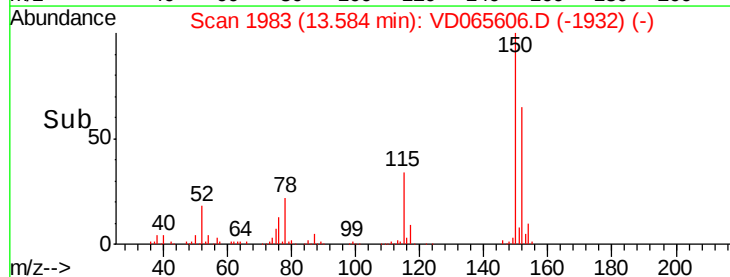
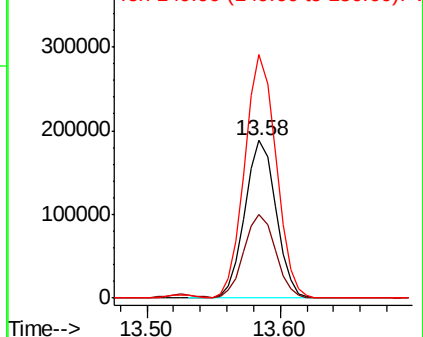


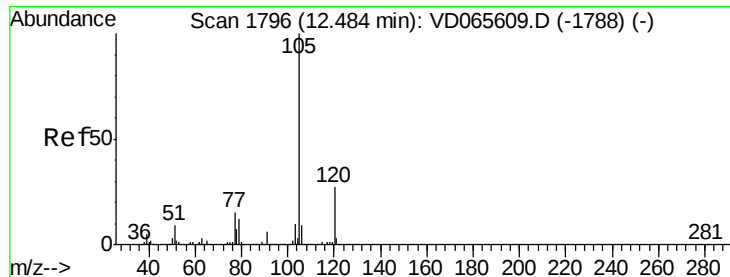
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion:152 Resp: 302821
 Ion Ratio Lower Upper
 152 100
 115 54.0 27.1 81.2
 150 156.9 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: 4.495 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

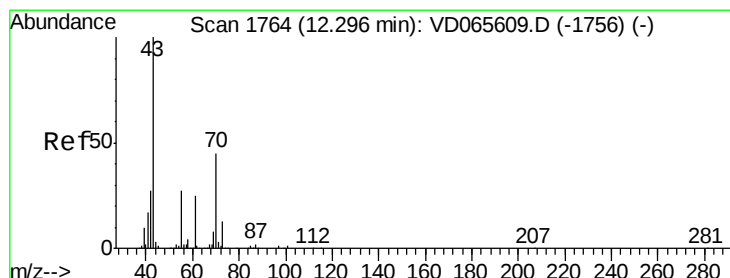
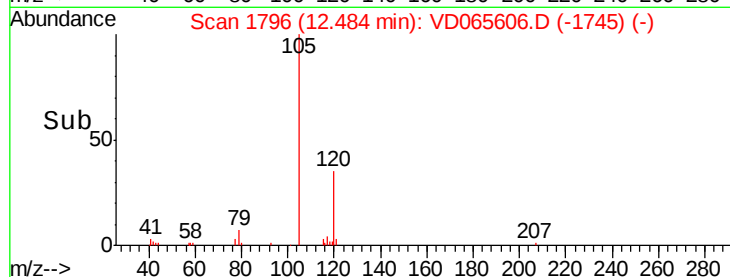
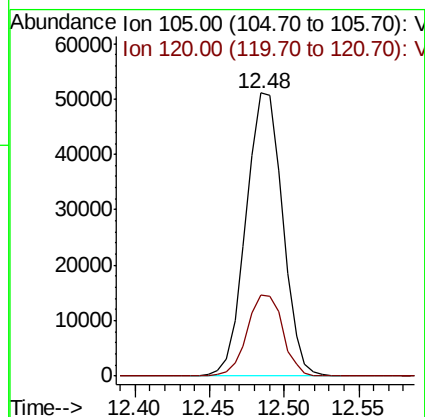
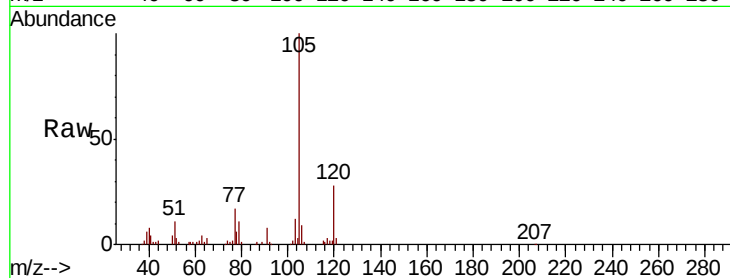
ClientSampleId :

Tot Ion: 105 Resp: 86721

Ion Ratio Lower Upper

105 100

120 27.8 13.8 41.3



#74

N-ethyl acetate

Concen: 4.069 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Tgt Ion: 43 Resp: 15550

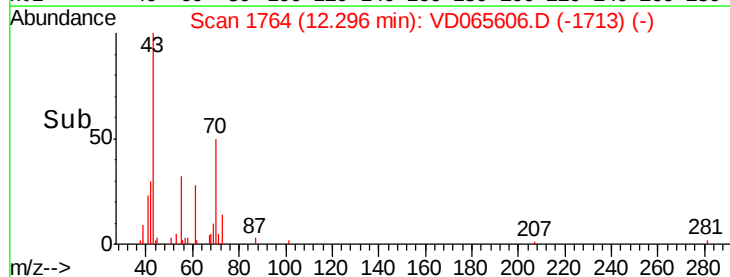
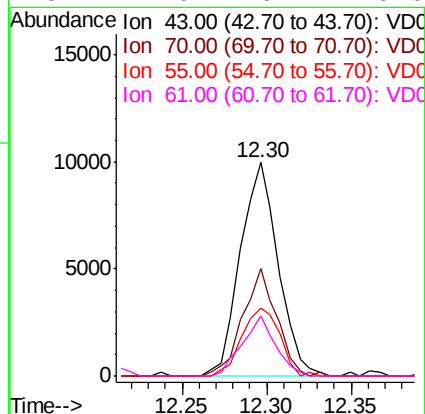
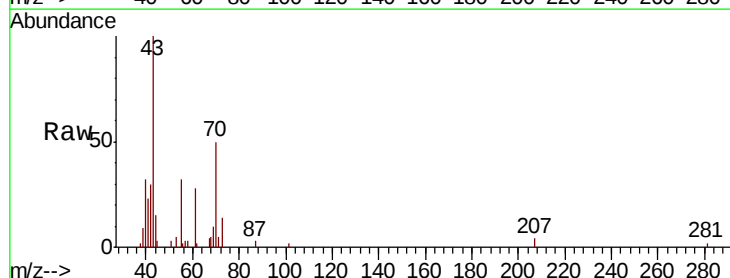
Ion Ratio Lower Upper

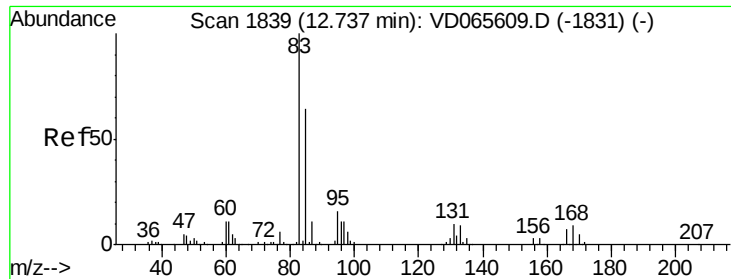
43 100

70 45.2 35.2 52.8

55 31.7 22.5 33.7

61 24.9 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.163 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

ClientSampleId :

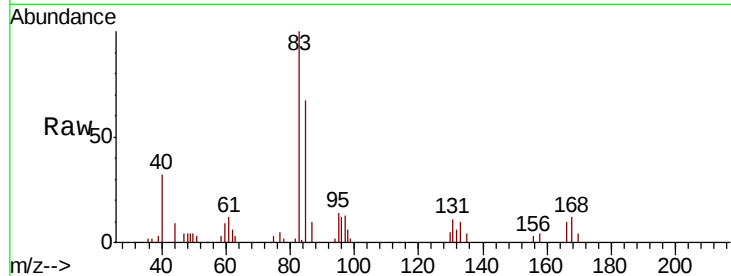
Tot Ion: 83 Resp: 18312

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

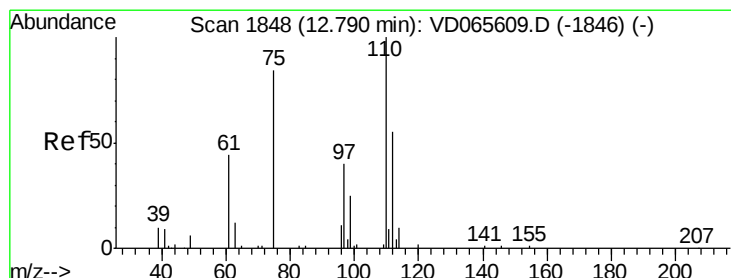
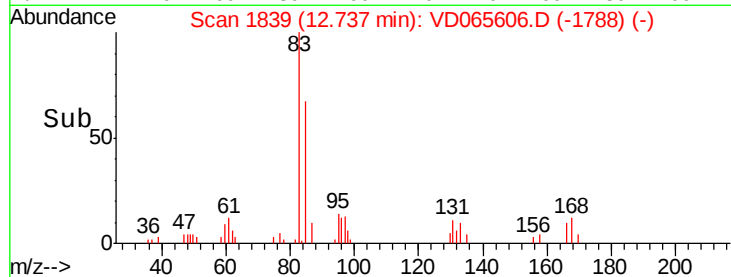
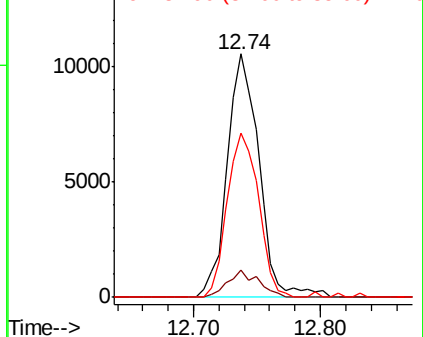
85 66.4 31.8 95.4



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: 5.515 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD065606.D

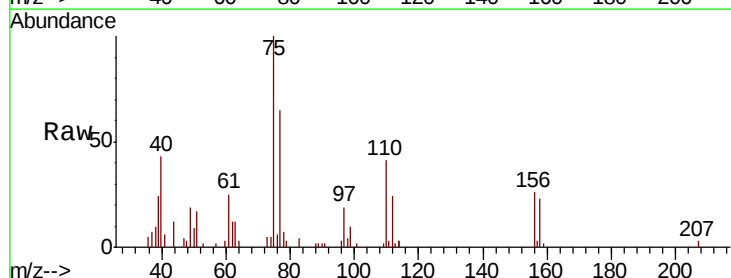
Acq: 09 Apr 2020 10:40

Tgt Ion: 75 Resp: 22437

Ion Ratio Lower Upper

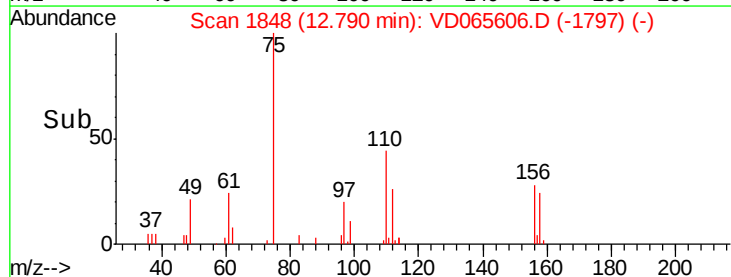
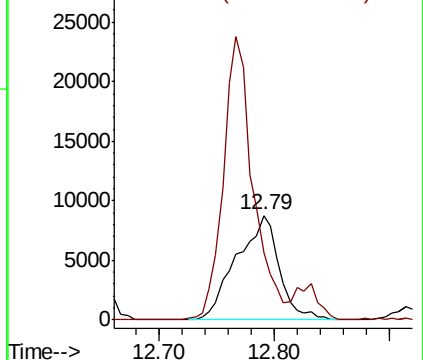
75 100

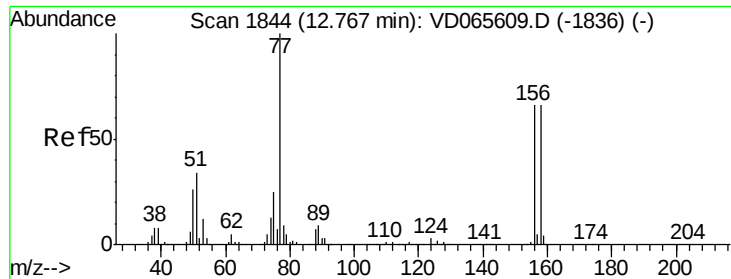
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 5.169 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

ClientSampleId :

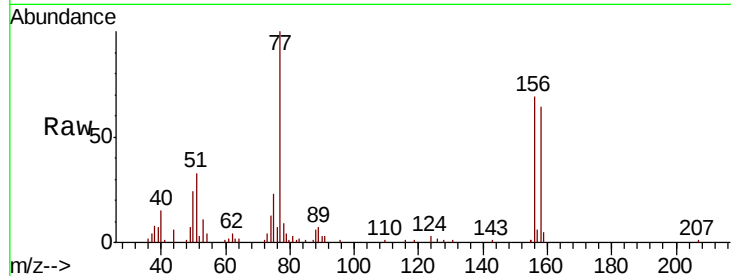
Tot Ion:156 Resp: 27342

Ion Ratio Lower Upper

156 100

77 155.4 80.3 240.9

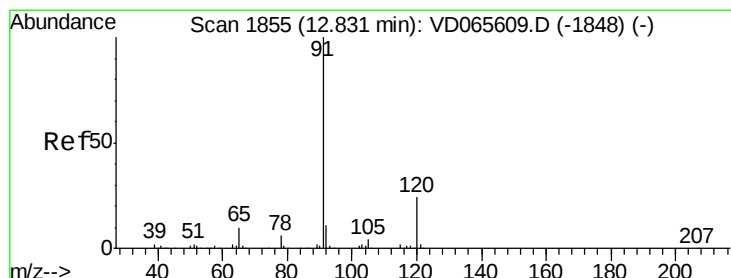
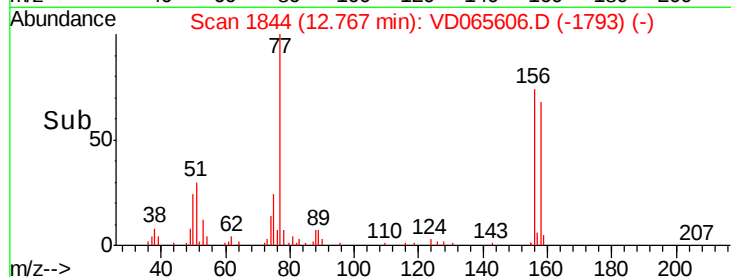
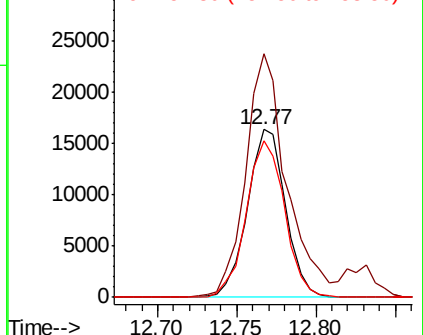
158 94.0 48.5 145.5



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: 4.447 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VD065606.D

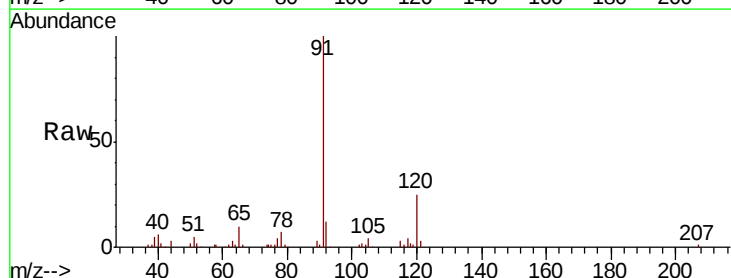
Acq: 09 Apr 2020 10:40

Tgt Ion: 91 Resp: 103557

Ion Ratio Lower Upper

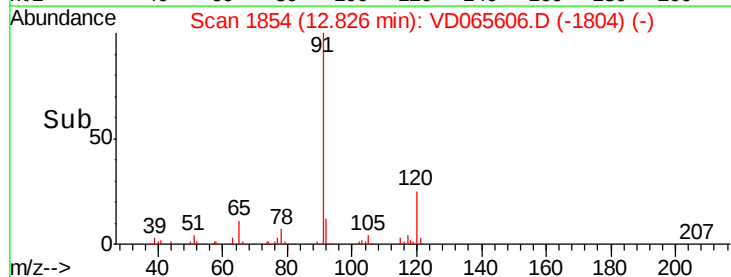
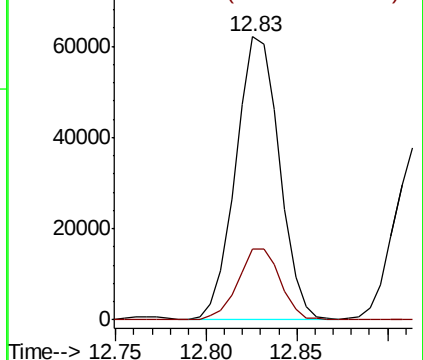
91 100

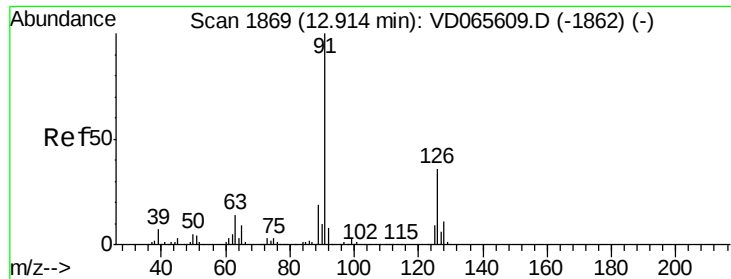
120 24.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

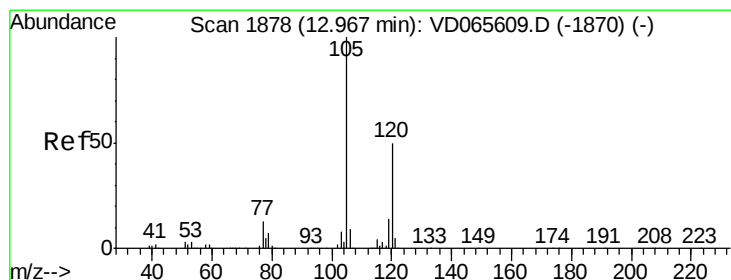
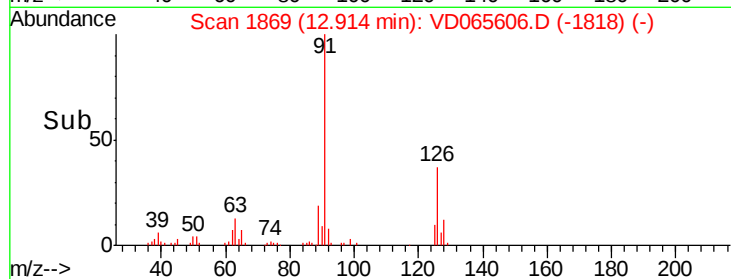
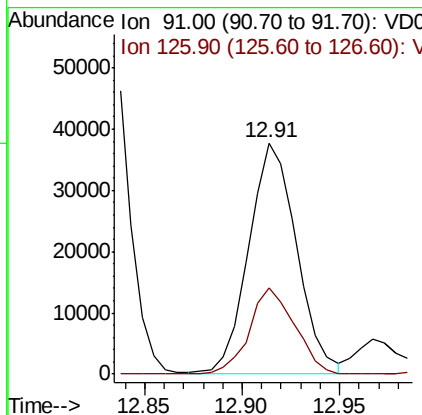
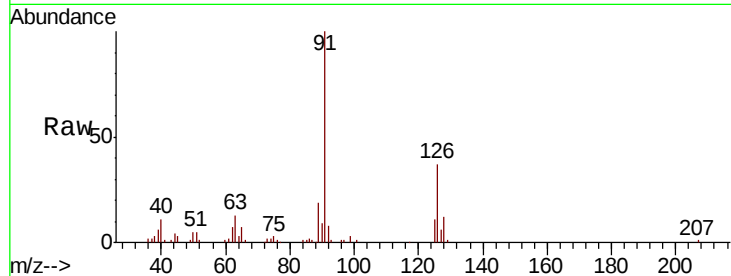




#79
 2-Chlorotoluene
 Concen: 4.788 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

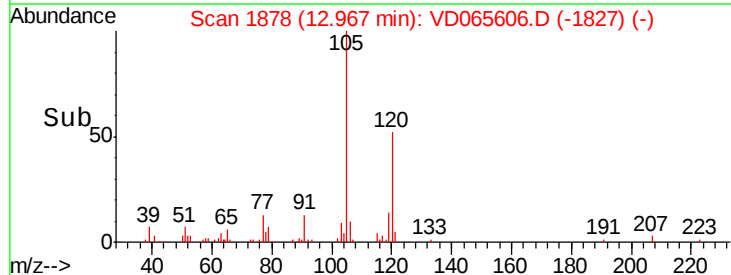
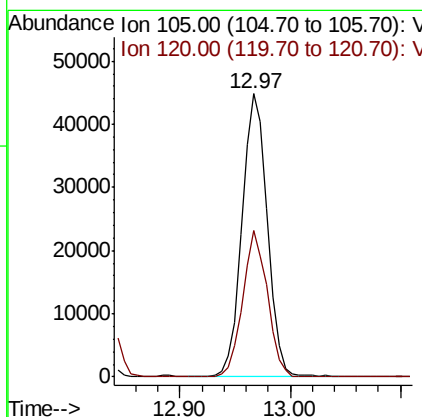
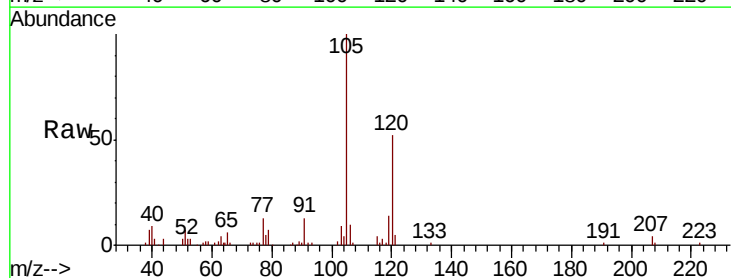
Instrument :
 MSVOA_D
 ClientSampleId :

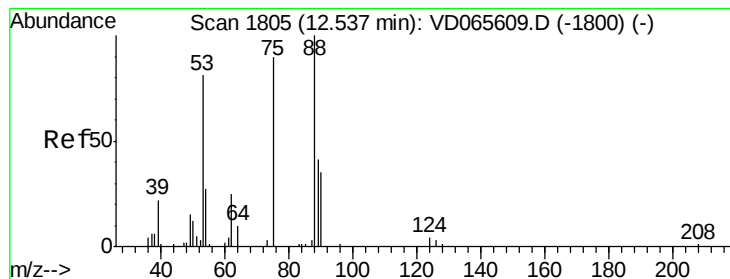
Tot Ion: 91 Resp: 63900
 Ion Ratio Lower Upper
 91 100
 126 35.1 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 4.436 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion:105 Resp: 72134
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.111 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065606.D

Acq: 09 Apr 2020 10:40

Instrument :

MSVOA_D

ClientSampleId :

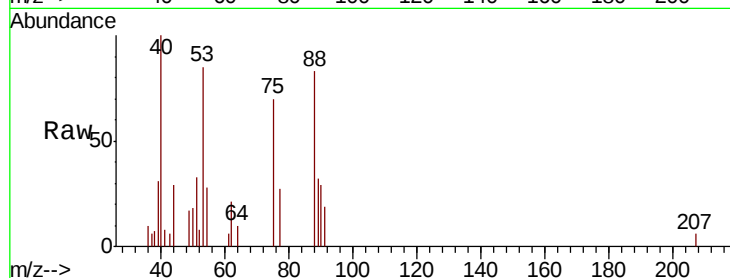
Tot Ion: 75 Resp: 4310

Ion Ratio Lower Upper

75 100

53 121.0 73.8 110.8#

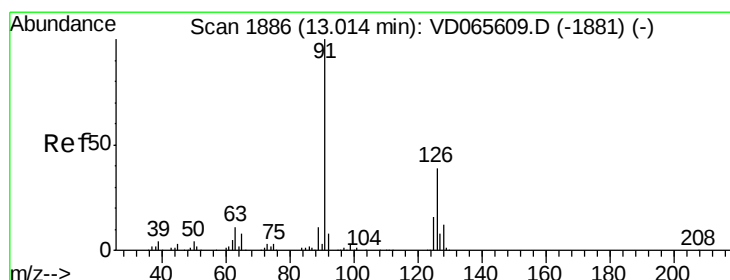
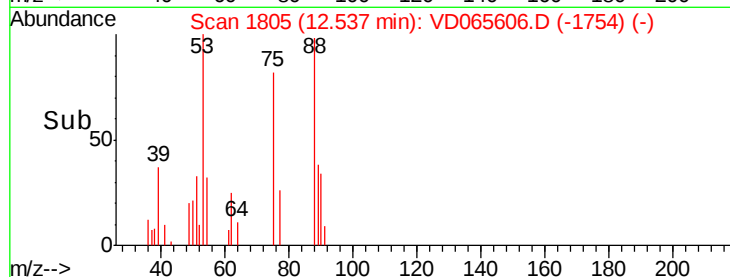
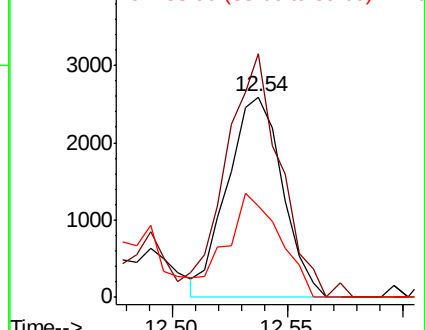
89 50.5 36.1 54.1



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: 4.880 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD065606.D

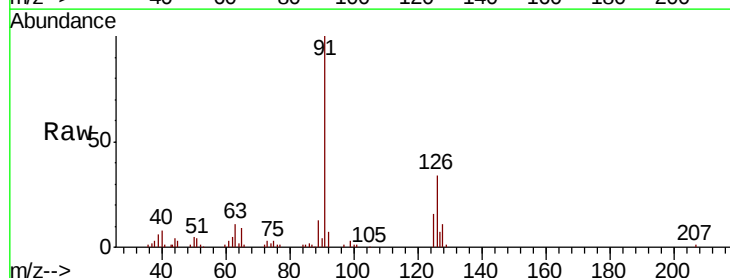
Acq: 09 Apr 2020 10:40

Tgt Ion: 91 Resp: 70104

Ion Ratio Lower Upper

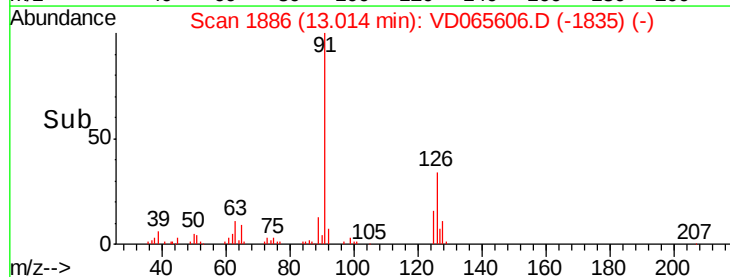
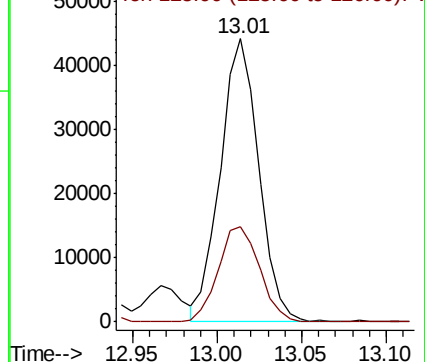
91 100

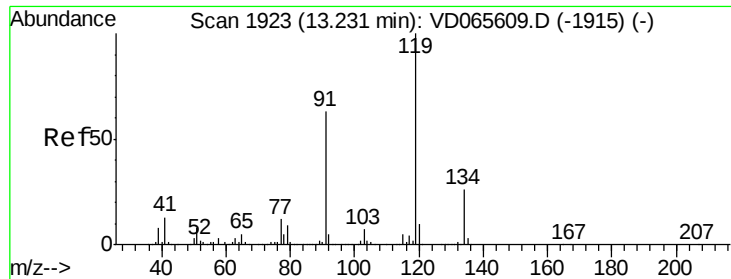
126 36.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

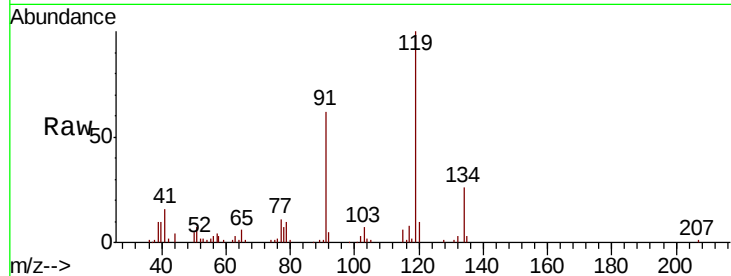




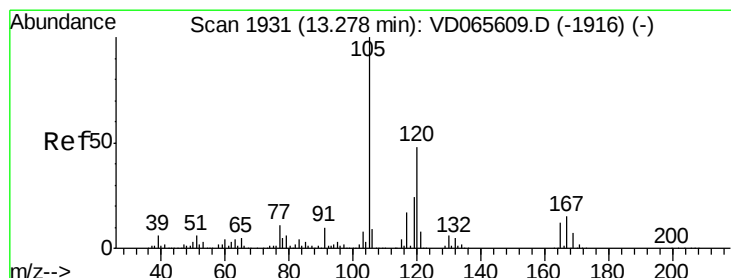
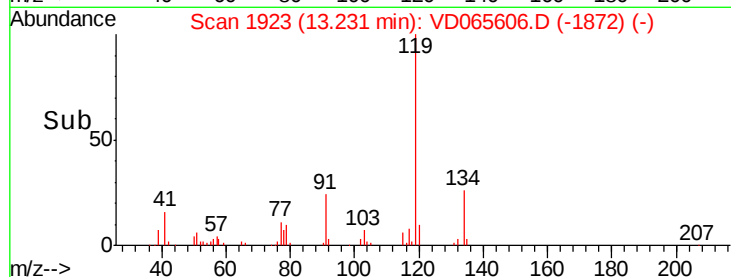
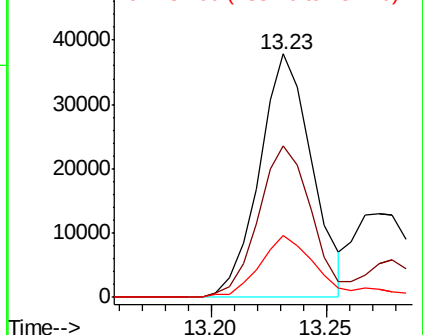
#83
tert-Butylbenzene
Concen: 4.400 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:119 Resp: 59830
Ion Ratio Lower Upper
119 100
91 63.5 30.4 91.2
134 26.0 13.7 41.0

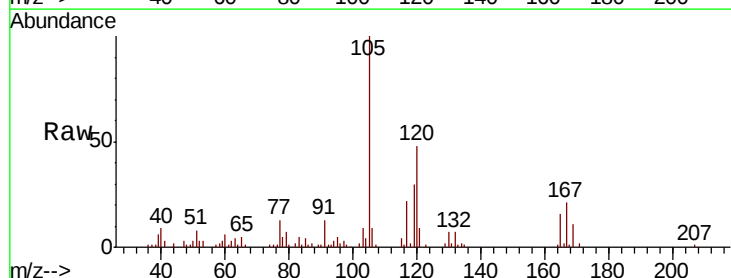


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

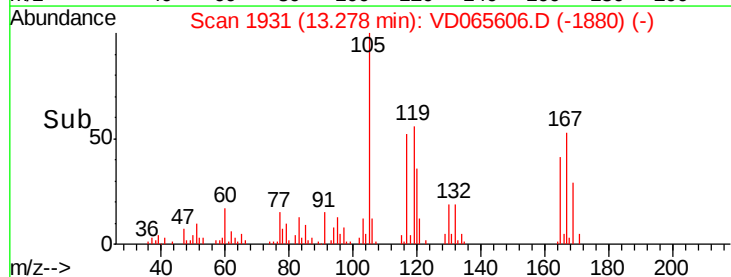
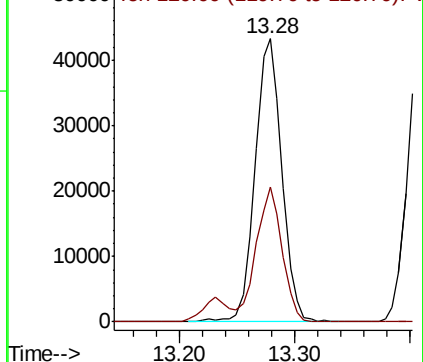


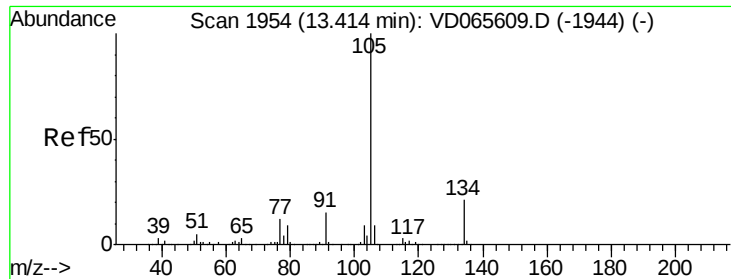
#84
1,2,4-Trimethylbenzene
Concen: 4.322 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion:105 Resp: 69842
Ion Ratio Lower Upper
105 100
120 45.9 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

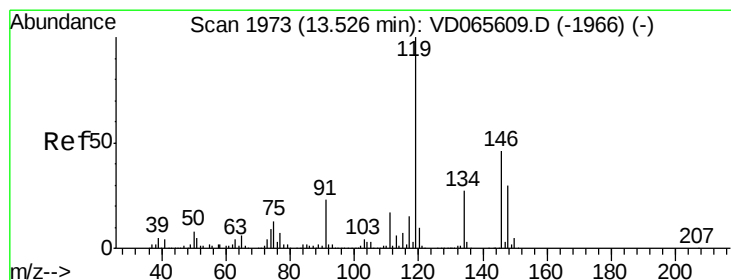
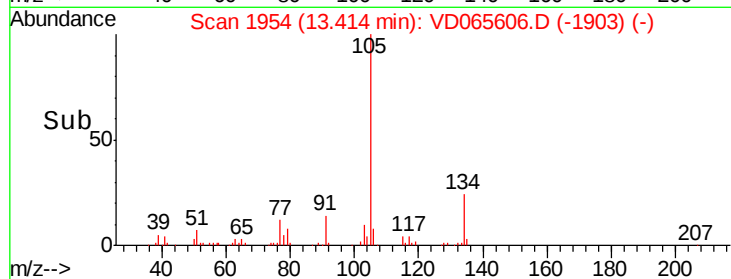
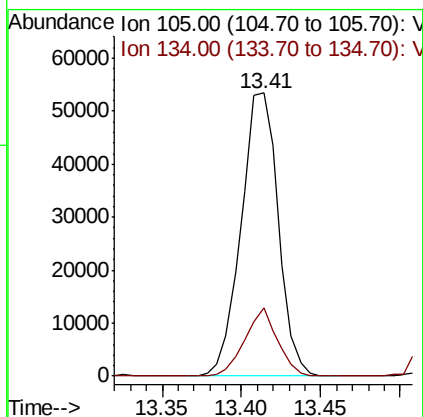
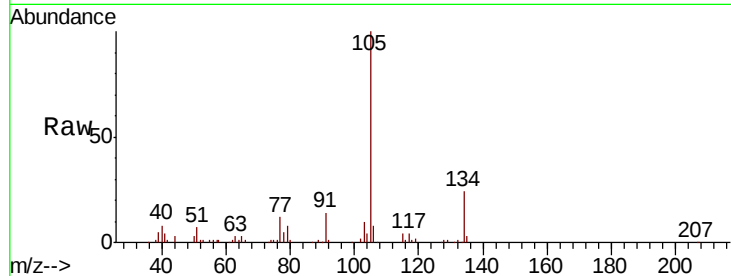




#85
 sec-Butylbenzene
 Concen: 4.500 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

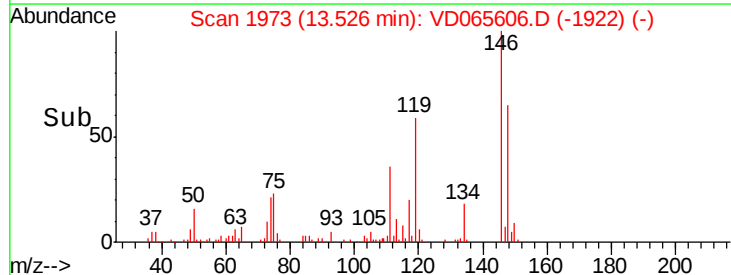
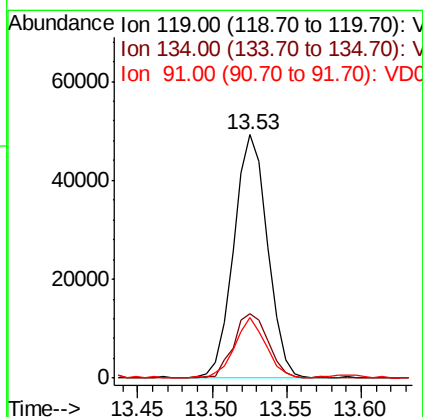
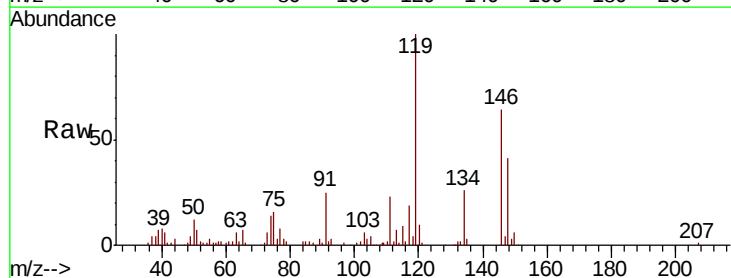
Instrument :
 MSVOA_D
 ClientSampleId :

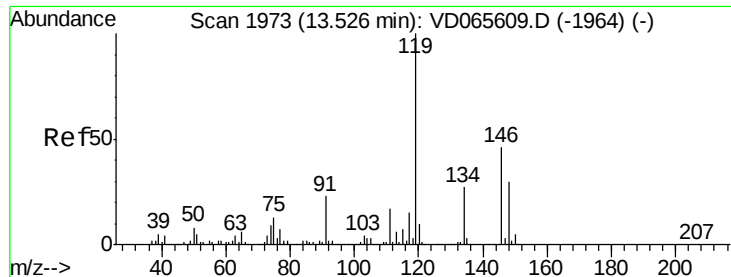
Tot Ion:105 Resp: 87075
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 4.342 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion:119 Resp: 77523
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.4
 91 23.4 11.1 33.1

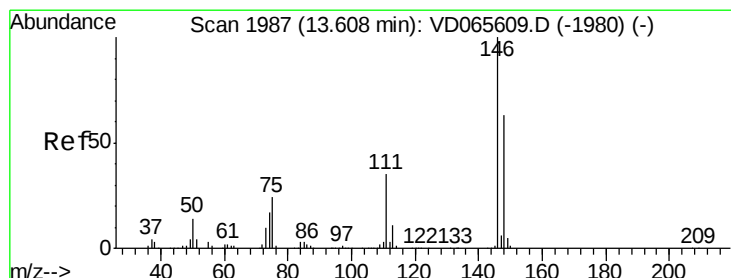
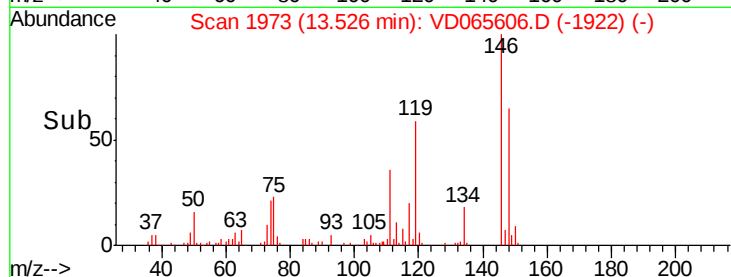
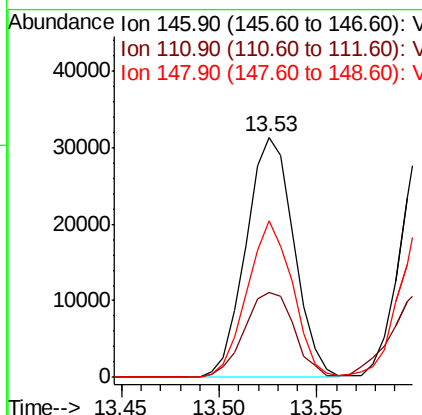
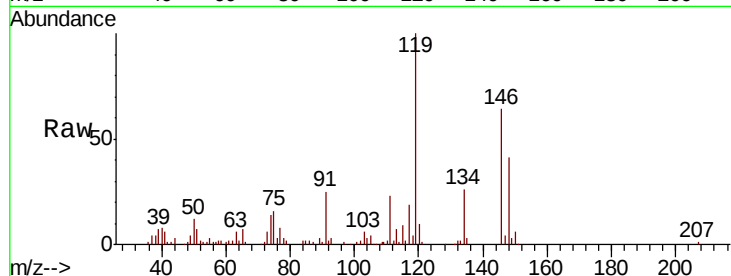




#87
 1,3-Dichlorobenzene
 Concen: 5.210 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

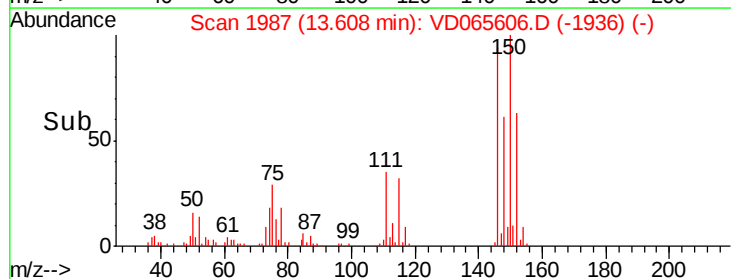
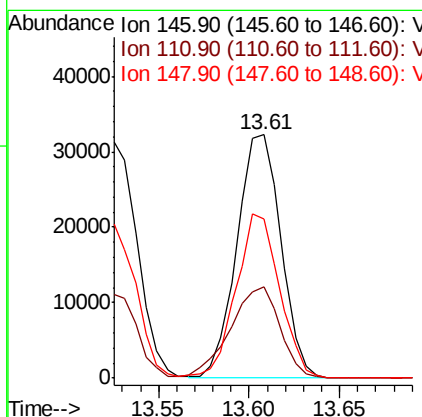
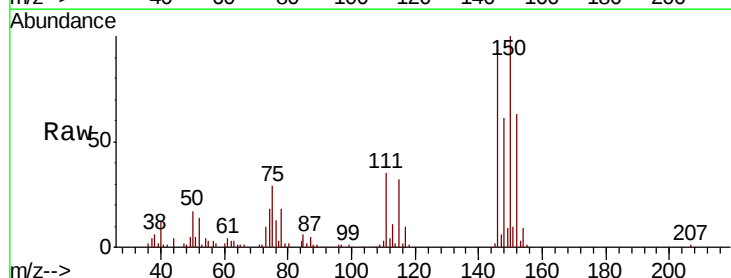
Instrument :
 MSVOA_D
 ClientSampleId :

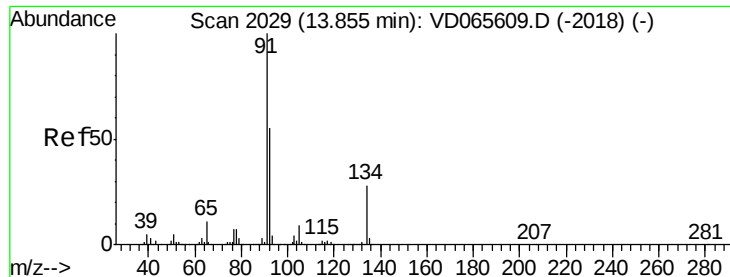
Tot Ion:146 Resp: 53147
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 55.8
 148 62.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.356 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion:146 Resp: 54566
 Ion Ratio Lower Upper
 146 100
 111 42.7 18.0 54.0
 148 66.8 31.8 95.4

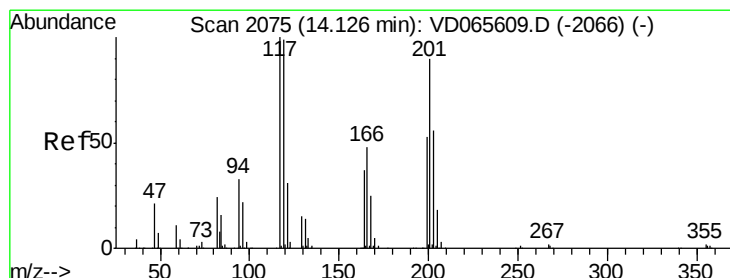
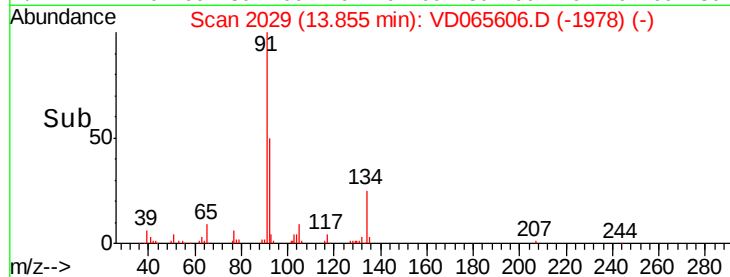
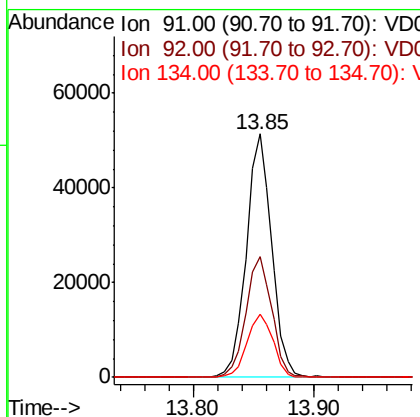
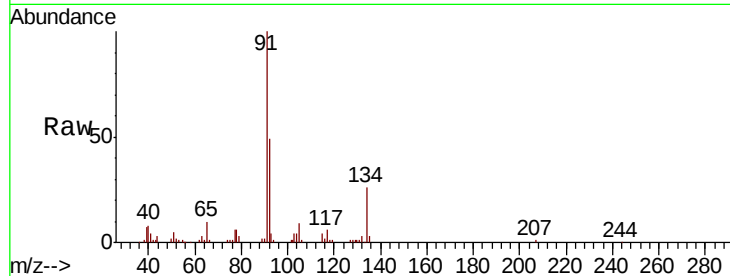




#89
n-Butylbenzene
Concen: 4.679 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

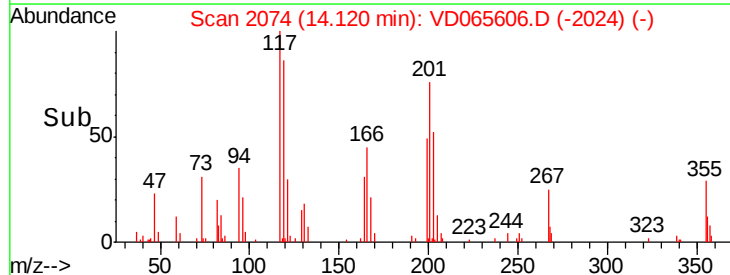
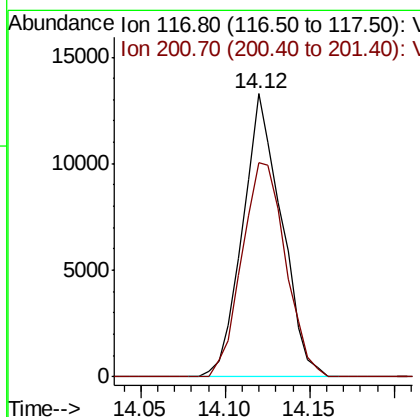
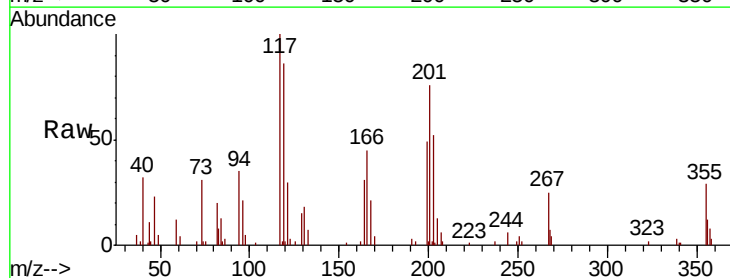
Instrument :
MSVOA_D
ClientSampleId :

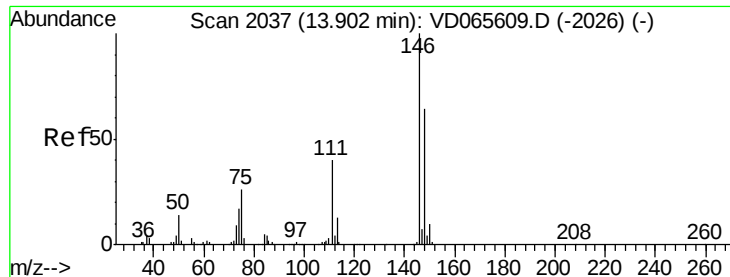
Tot Ion: 91 Resp: 75403
Ion Ratio Lower Upper
91 100
92 50.3 27.2 81.6
134 26.5 13.9 41.7



#90
Hexachloroethane
Concen: 5.451 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion: 117 Resp: 21233
Ion Ratio Lower Upper
117 100
201 85.2 43.9 131.7

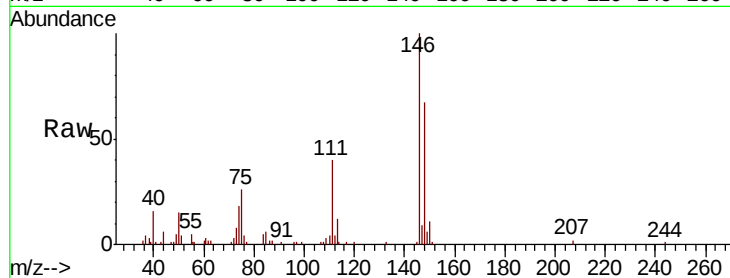




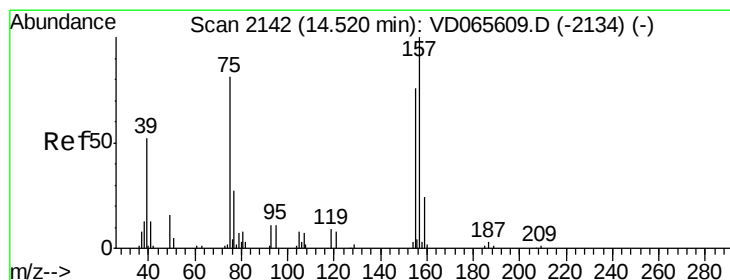
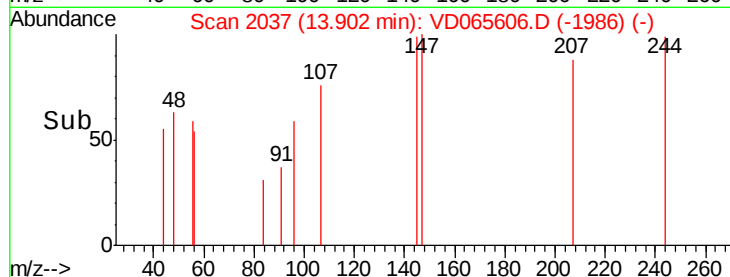
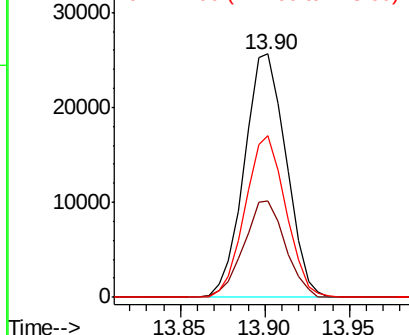
#91
 1,2-Dichlorobenzene
 Concen: 5.081 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.5
148	64.6	31.8	95.4

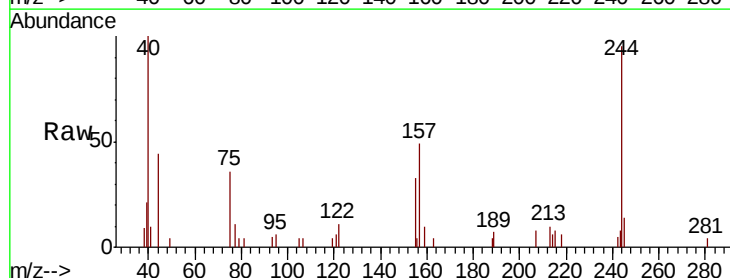


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

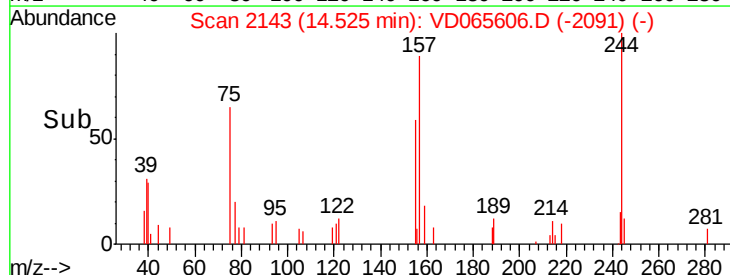
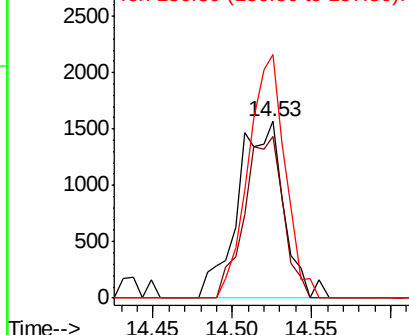


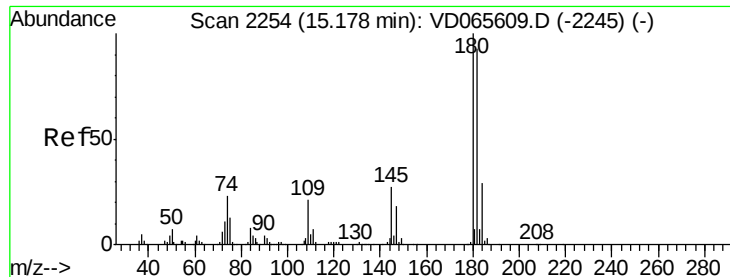
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.748 ug/l
 RT: 14.53 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.1	46.8	140.4
157	110.8	59.6	178.7



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

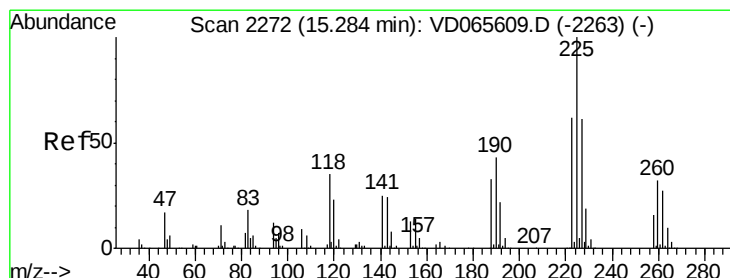
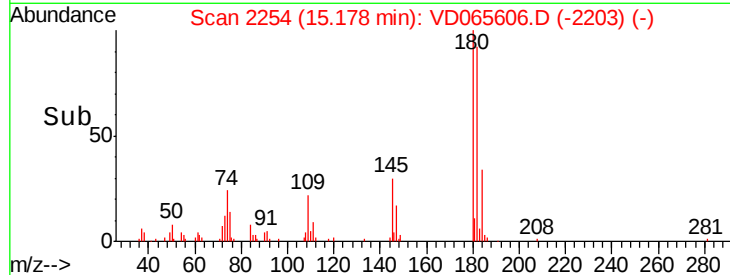
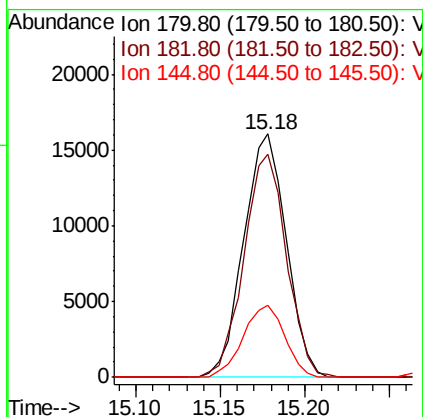
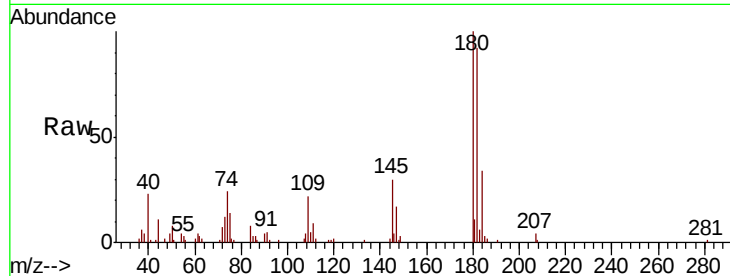




#93
 1,2,4-Trichlorobenzene
 Concen: 4.937 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

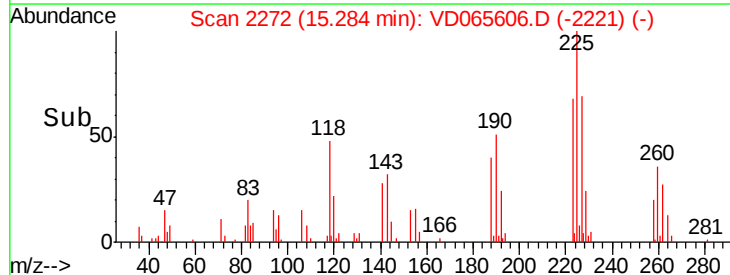
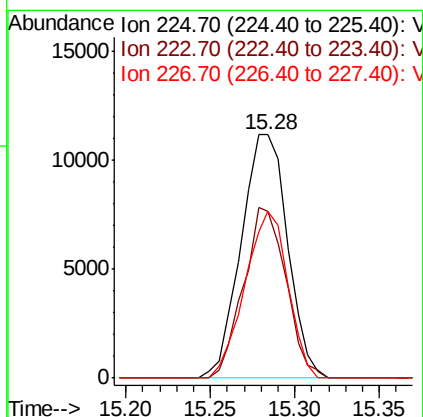
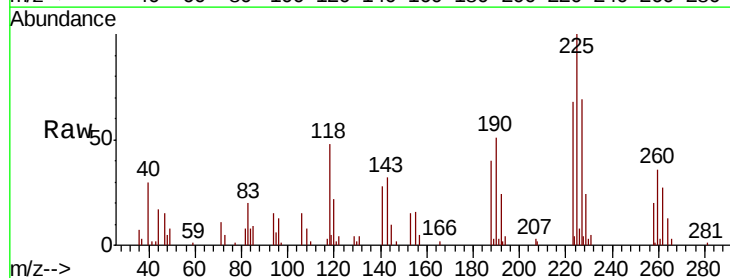
Instrument :
 MSVOA_D
 ClientSampleId :

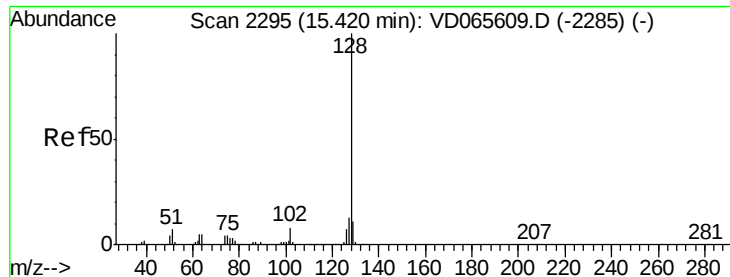
Tot Ion:180 Resp: 28141
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.0 141.2
 145 28.9 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 5.397 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VD065606.D
 Acq: 09 Apr 2020 10:40

Tgt Ion:225 Resp: 21384
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.6 94.7
 227 63.2 31.6 95.0

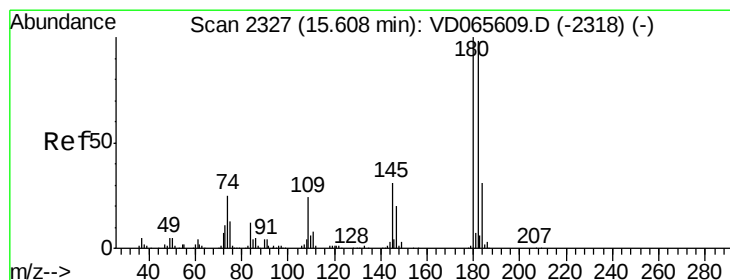
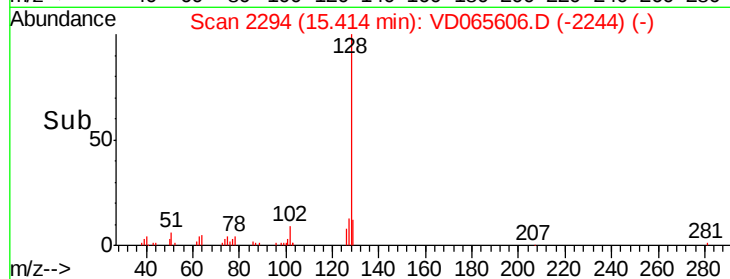
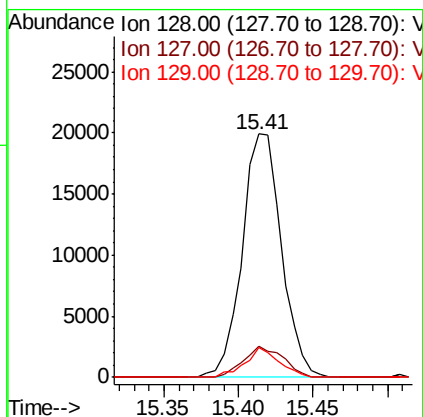
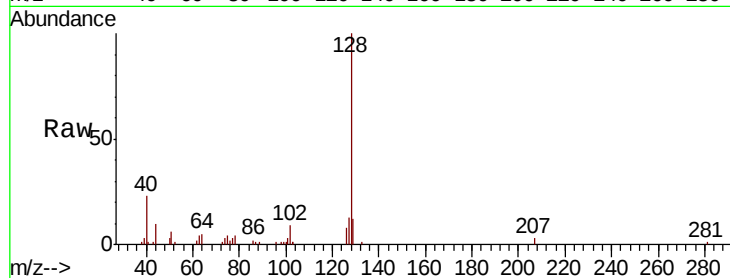




#95
Naphthalene
Concen: 4.377 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:128 Resp: 36154
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.834 ug/l
RT: 15.61 min Scan# 2328
Delta R.T. 0.01 min
Lab File: VD065606.D
Acq: 09 Apr 2020 10:40

Tgt Ion:180 Resp: 23851
Ion Ratio Lower Upper
180 100
182 90.5 47.7 143.1
145 31.8 15.2 45.6

