

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065614.D
 Acq On : 13 Apr 2020 13:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 14 02:10:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	523479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	728400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	658056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	333604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	209793	42.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.76%	
35) Dibromofluoromethane	7.92	113	227123	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
50) Toluene-d8	10.34	98	869266	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.64	95	278647	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	220840	46.784	ug/l	96
3) Chloromethane	2.21	50	250821	42.729	ug/l	100
4) Vinyl Chloride	2.35	62	242937	44.265	ug/l	99
5) Bromomethane	2.77	94	159229	41.138	ug/l	99
6) Chloroethane	2.93	64	150762	44.606	ug/l	99
7) Trichlorofluoromethane	3.27	101	375515	45.111	ug/l	96
8) Diethyl Ether	3.71	74	74702	43.434	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	246364	45.274	ug/l	99
10) Methyl Iodide	4.30	142	278193	45.861	ug/l	99
11) Tert butyl alcohol	5.24	59	61647	246.654	ug/l	99
12) 1,1-Dichloroethene	4.06	96	229908	45.809	ug/l	98
13) Acrolein	3.92	56	78211	225.440	ug/l	97
14) Allyl chloride	4.71	41	353658	47.503	ug/l	100
15) Acrylonitrile	5.43	53	229722	226.499	ug/l	100
16) Acetone	4.16	43	253329	283.366	ug/l	94
17) Carbon Disulfide	4.40	76	738775	44.239	ug/l	100
18) Methyl Acetate	4.72	43	116994	44.585	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	469876	48.428	ug/l	98
20) Methylene Chloride	4.96	84	243845	41.262	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	260203	45.680	ug/l	95
22) Diisopropyl ether	6.37	45	684822	47.855	ug/l	99
23) Vinyl Acetate	6.31	43	1889223	249.528	ug/l	100
24) 1,1-Dichloroethane	6.27	63	426705	44.819	ug/l	99
25) 2-Butanone	7.22	43	301344	246.265	ug/l	99
26) 2,2-Dichloropropane	7.21	77	401748	47.153	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	273310	46.882	ug/l	100
28) Bromochloromethane	7.54	49	171367	44.847	ug/l	99
29) Tetrahydrofuran	7.57	42	181580	236.141	ug/l	99
30) Chloroform	7.71	83	440359	44.174	ug/l	99
31) Cyclohexane	7.98	56	406536	46.031	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	417169	46.305	ug/l	99
36) 1,1-Dichloropropene	8.11	75	357624	47.689	ug/l	99
37) Ethyl Acetate	7.30	43	125399	45.036	ug/l	100
38) Carbon Tetrachloride	8.10	117	384269	47.191	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	442580	52.135	ug/l	96
40) Benzene	8.36	78	988775	46.149	ug/l	99
41) Methacrylonitrile	7.53	41	77169	48.983	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	265837	44.420	ug/l	100
43) Isopropyl Acetate	8.46	43	240629	47.367	ug/l	100
44) Trichloroethene	9.11	130	288363	46.828	ug/l	95
45) 1,2-Dichloropropane	9.39	63	235523	45.143	ug/l	97
46) Dibromomethane	9.48	93	125514	44.757	ug/l	98
47) Bromodichloromethane	9.67	83	330212	44.903	ug/l	98
48) Methyl methacrylate	9.46	41	116571	49.476	ug/l	99
49) 1,4-Dioxane	9.47	88	28513	960.039	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	633203	241.869	ug/l	98
52) Toluene	10.41	92	636041	46.950	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	309415	47.404	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	372878	46.657	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	168627	42.849	ug/l	97
56) Ethyl methacrylate	10.67	69	205545	44.212	ug/l	97
57) 1,3-Dichloropropane	10.95	76	293670	45.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	527906	253.271	ug/l	99
59) 2-Hexanone	10.99	43	458064	263.278	ug/l	98
60) Dibromochloromethane	11.14	129	234609	44.763	ug/l	98
61) 1,2-Dibromoethane	11.25	107	170174	45.491	ug/l	100
64) Tetrachloroethene	10.88	164	250615	47.880	ug/l	99
65) Chlorobenzene	11.67	112	673949	47.289	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	255047	46.978	ug/l	100
67) Ethyl Benzene	11.75	91	1194821	50.771	ug/l	100
68) m/p-Xylenes	11.86	106	938183	101.048	ug/l	99
69) o-Xylene	12.19	106	414312	51.786	ug/l	100
70) Styrene	12.20	104	728952	51.536	ug/l	99
71) Bromoform	12.37	173	138186	45.384	ug/l #	98
73) Isopropylbenzene	12.48	105	1151371	54.167	ug/l	100
74) N-amyl acetate	12.30	43	217254	45.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	181023	46.328	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	239527	89.523	ug/l #	100
77) Bromobenzene	12.77	156	281656	48.333	ug/l	99
78) n-propylbenzene	12.83	91	1355536	52.840	ug/l	100
79) 2-Chlorotoluene	12.91	91	747661	50.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	944770	52.735	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	59448	51.467	ug/l	98
82) 4-Chlorotoluene	13.01	91	787185	49.745	ug/l	100
83) tert-Butylbenzene	13.23	119	811246	54.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	929217	52.194	ug/l	99
85) sec-Butylbenzene	13.41	105	1130818	53.049	ug/l	100
86) p-Isopropyltoluene	13.53	119	1069272	54.357	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	533068	47.436	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	527267	46.976	ug/l	100
89) n-Butylbenzene	13.85	91	956436	53.876	ug/l	99
90) Hexachloroethane	14.13	117	205989	48.002	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	454204	47.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27945	46.365	ug/l	99

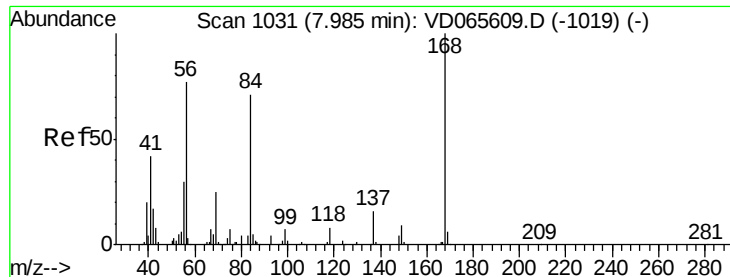
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041320\
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Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	317912	50.625	ug/l	98
94) Hexachlorobutadiene	15.28	225	210509	48.227	ug/l	99
95) Naphthalene	15.41	128	492920	45.832	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	273819	50.373	ug/l	99

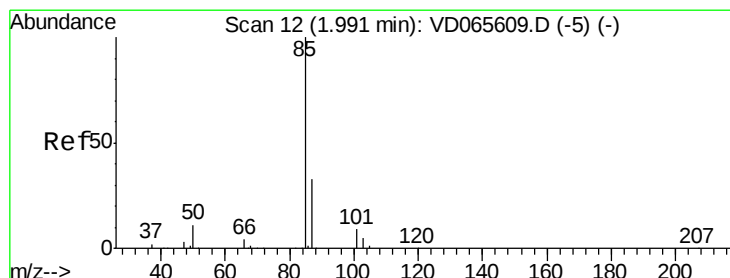
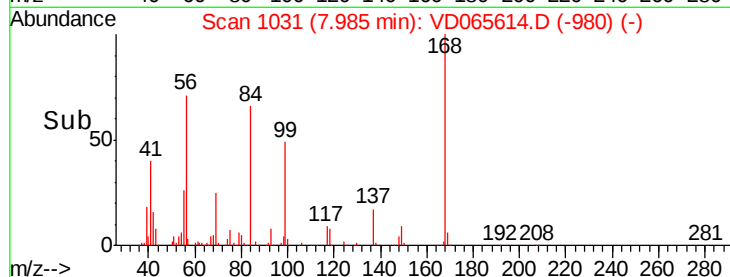
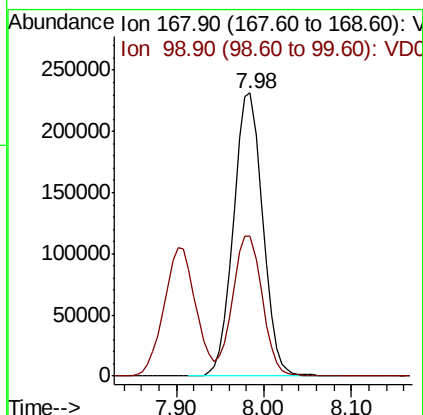
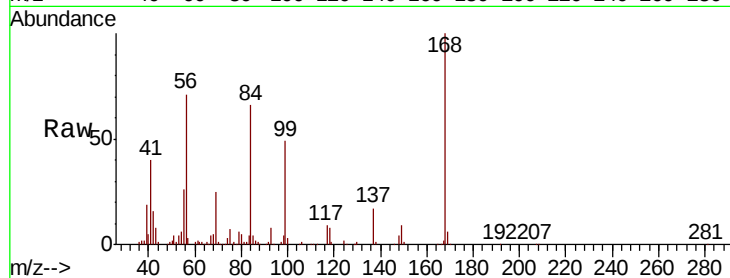
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

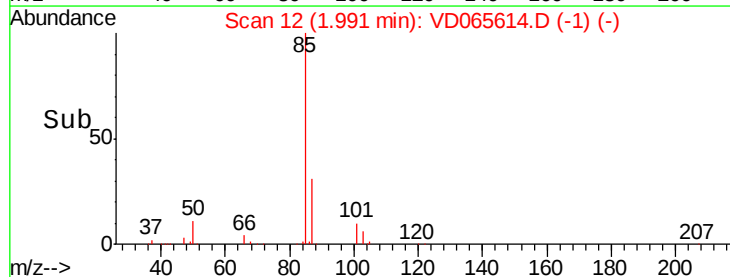
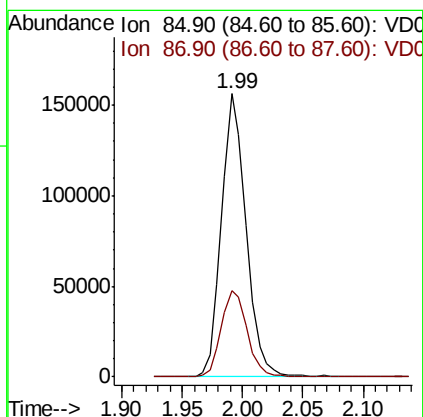
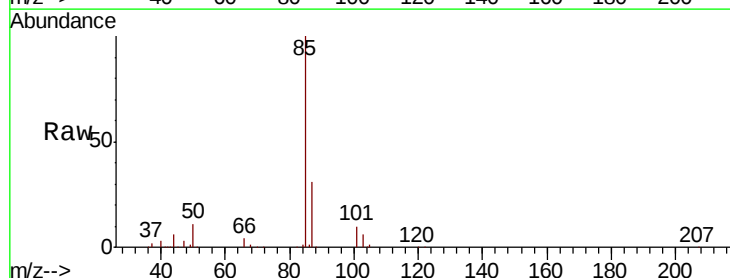
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

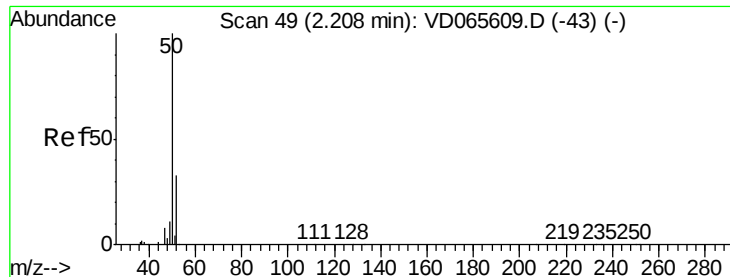
Tot Ion:168 Resp: 523479
Ion Ratio Lower Upper
168 100
99 49.3 40.2 60.2



#2
Dichlorodifluoromethane
Concen: 46.784 ug/l
RT: 1.99 min Scan# 12
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion: 85 Resp: 220840
Ion Ratio Lower Upper
85 100
87 30.7 16.6 49.8





#3

Chloromethane

Concen: 42.729 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

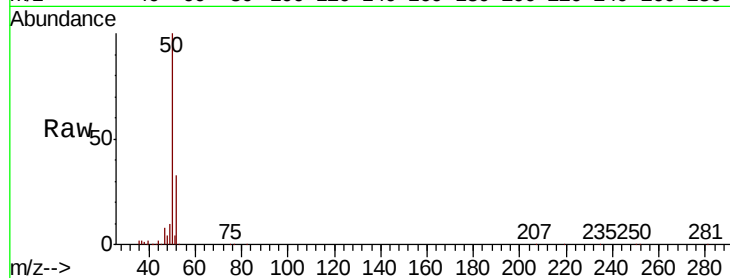
VSTDCCC050

Tot Ion: 50 Resp: 250821

Ion Ratio Lower Upper

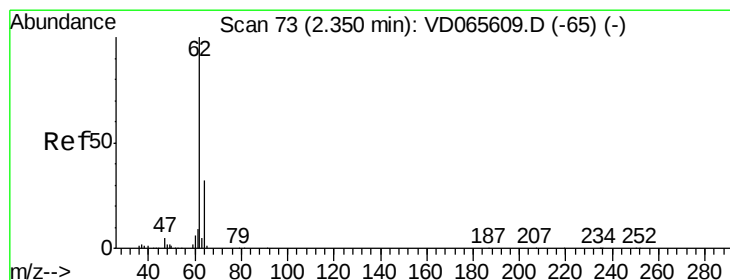
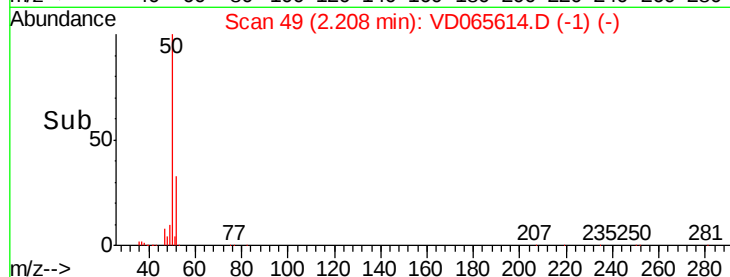
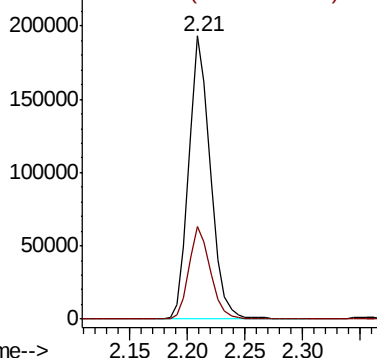
50 100

52 32.6 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.265 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065614.D

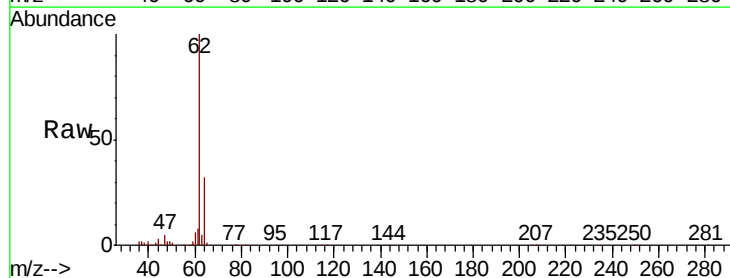
Acq: 13 Apr 2020 13:40

Tgt Ion: 62 Resp: 242937

Ion Ratio Lower Upper

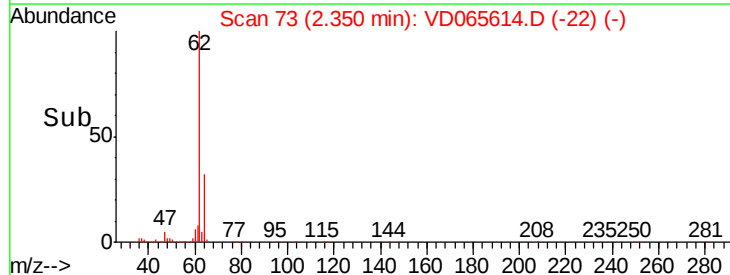
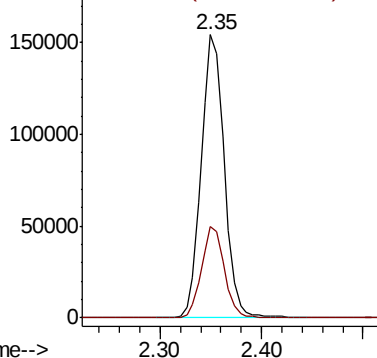
62 100

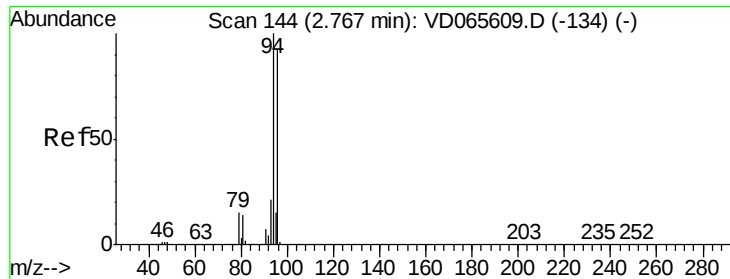
64 32.5 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 41.138 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

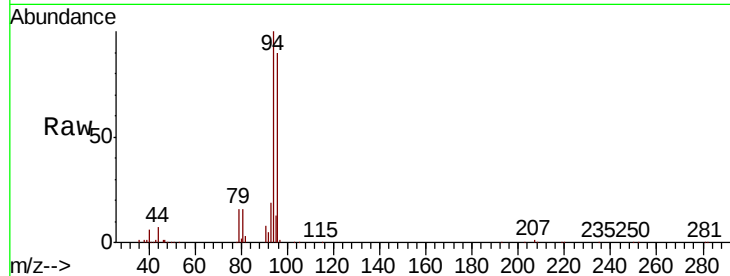
VSTDCCC050

Tot Ion: 94 Resp: 159229

Ion Ratio Lower Upper

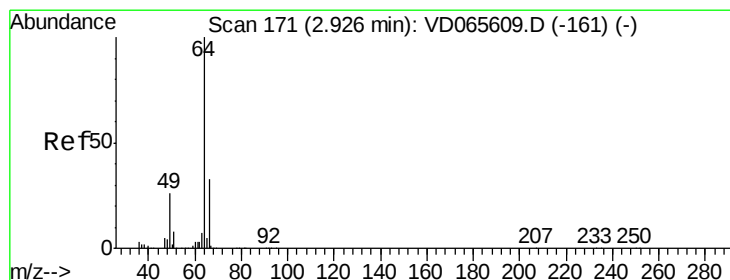
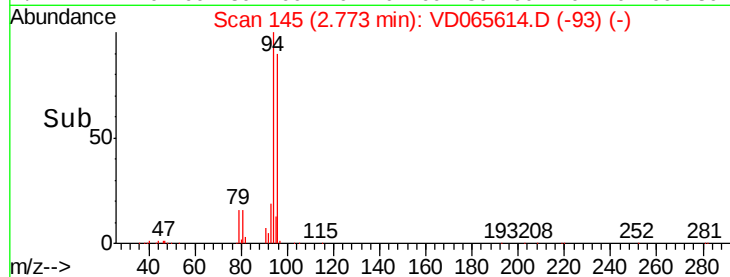
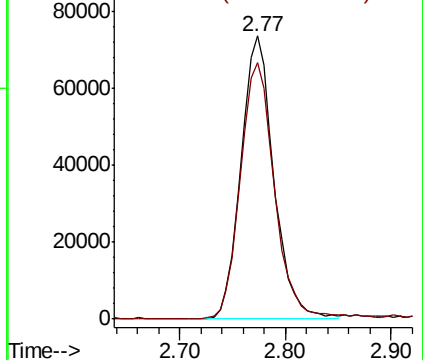
94 100

96 90.5 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 44.606 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065614.D

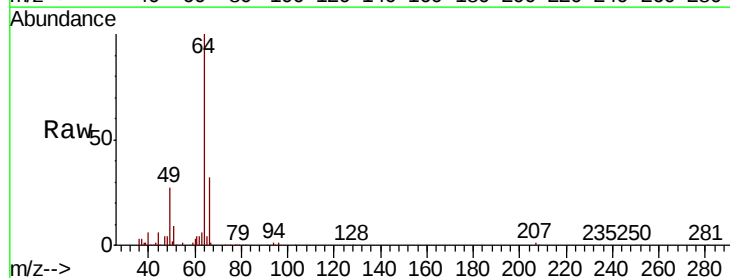
Acq: 13 Apr 2020 13:40

Tgt Ion: 64 Resp: 150762

Ion Ratio Lower Upper

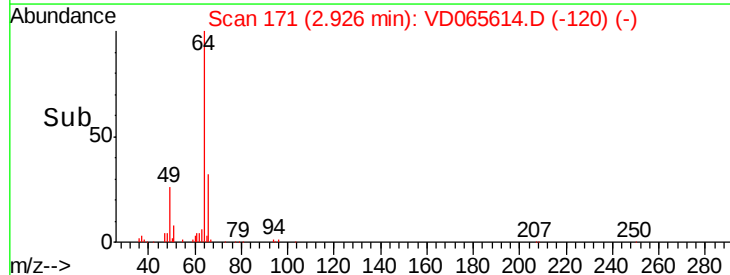
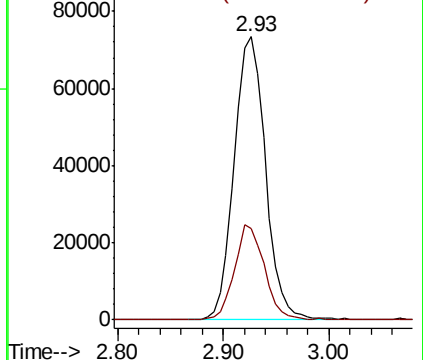
64 100

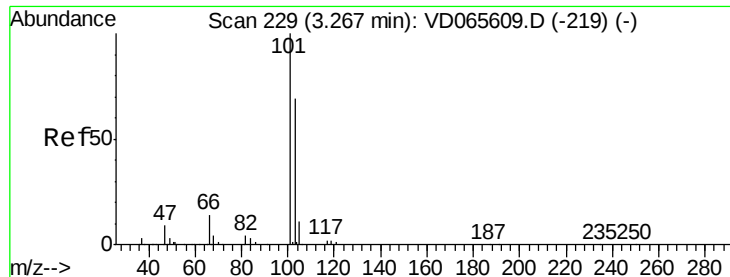
66 32.3 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



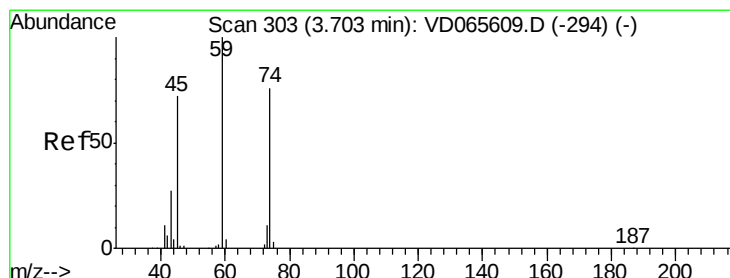
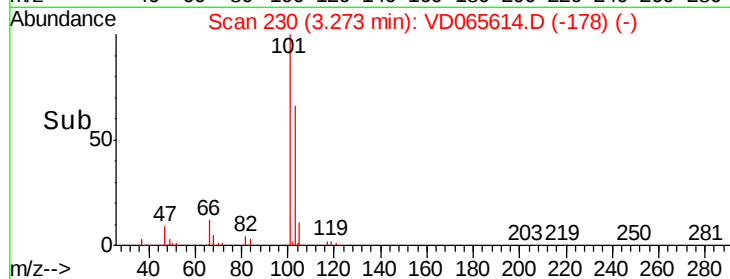
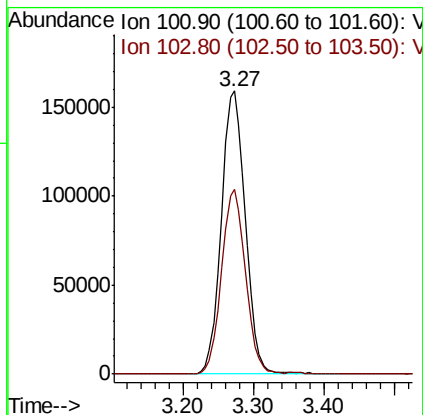
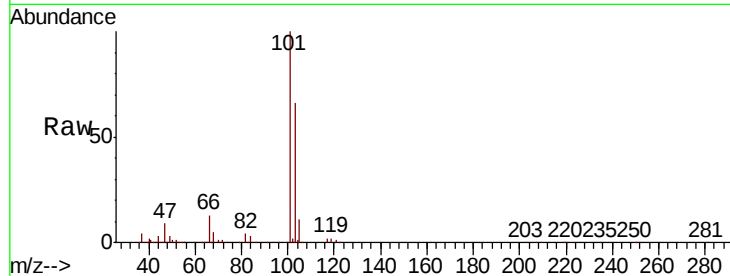


#7

Trichlorofluoromethane
 Concen: 45.111 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Instrument :
 MSVOA_D
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 VSTDCCC050

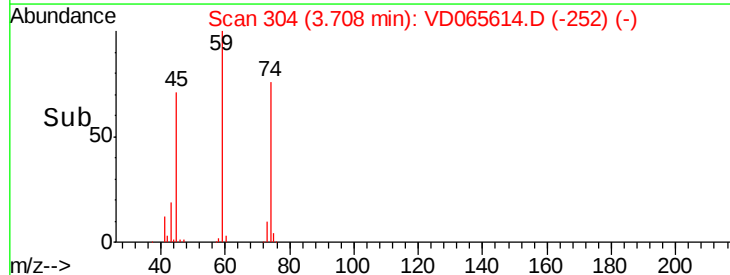
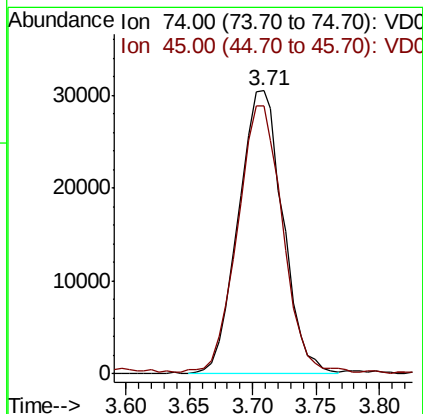
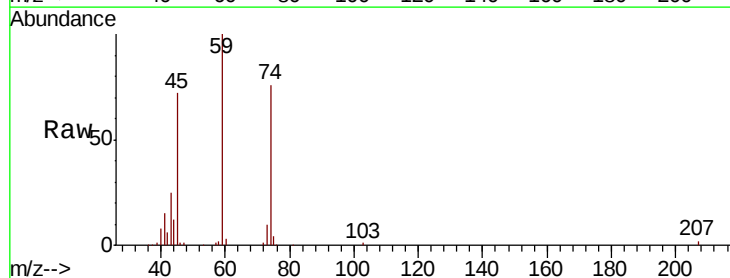
Tot Ion:101 Resp: 375515
 Ion Ratio Lower Upper
 101 100
 103 65.5 55.0 82.4

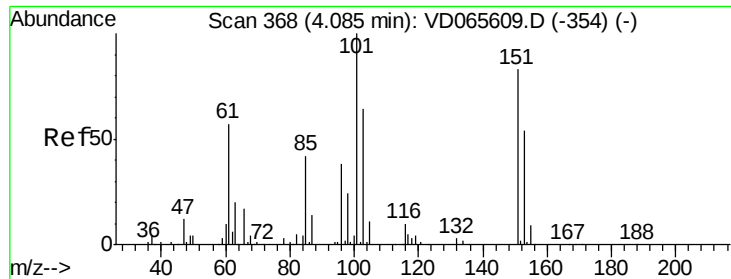


#8

Diethyl Ether
 Concen: 43.434 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Tgt Ion: 74 Resp: 74702
 Ion Ratio Lower Upper
 74 100
 45 94.4 47.8 143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.274 ug/l

RT: 4.08 min Scan# 368

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

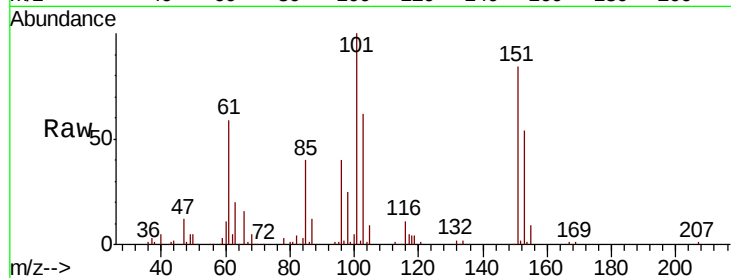
Tot Ion:101 Resp: 246364

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.6

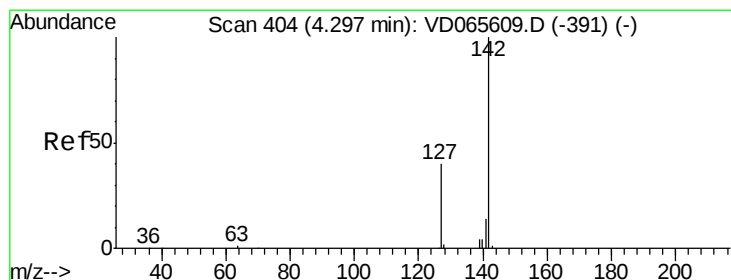
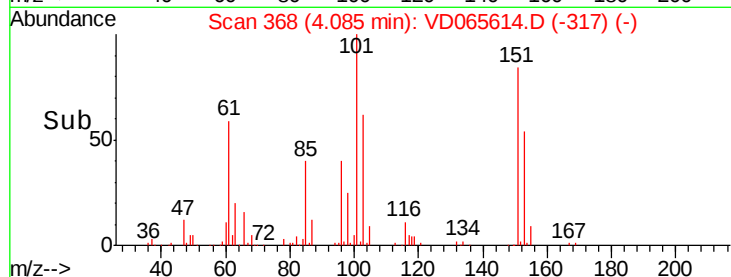
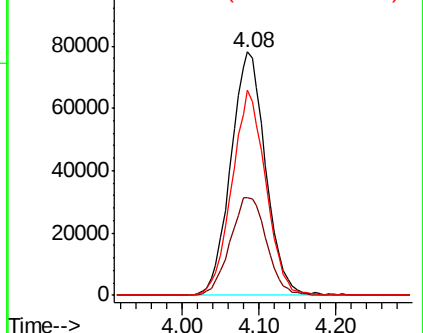
151 82.1 65.0 97.4



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: 45.861 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

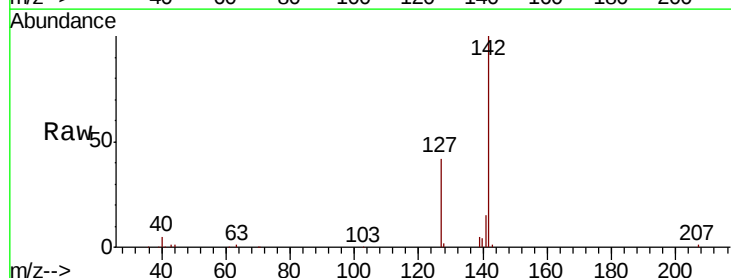
Tgt Ion:142 Resp: 278193

Ion Ratio Lower Upper

142 100

127 42.0 34.6 51.8

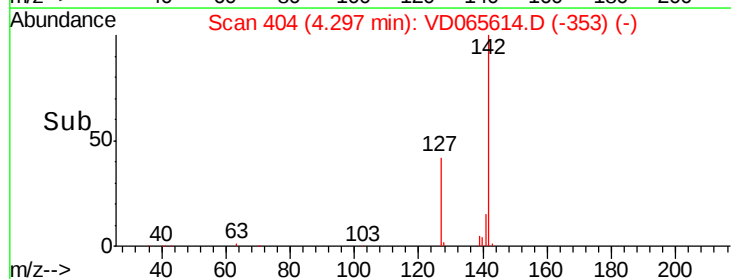
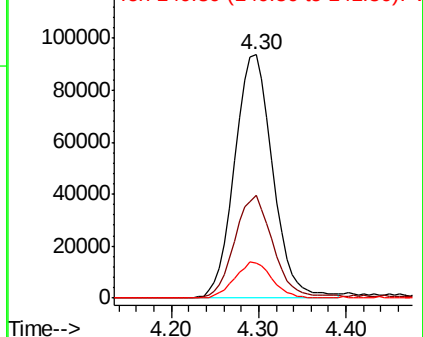
141 14.7 11.7 17.5

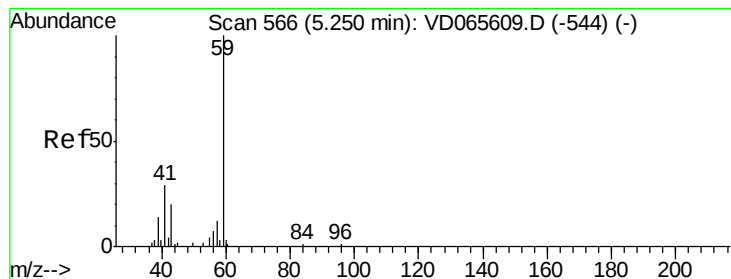


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 246.654 ug/l

RT: 5.24 min Scan# 564

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

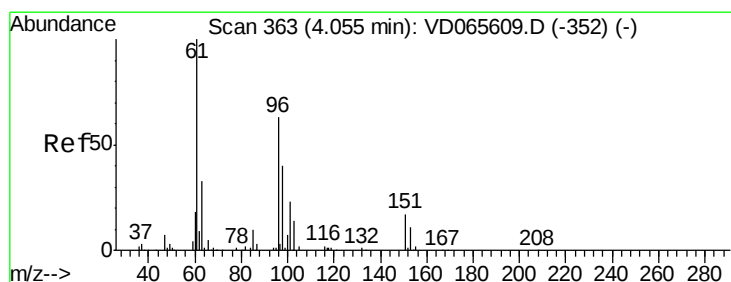
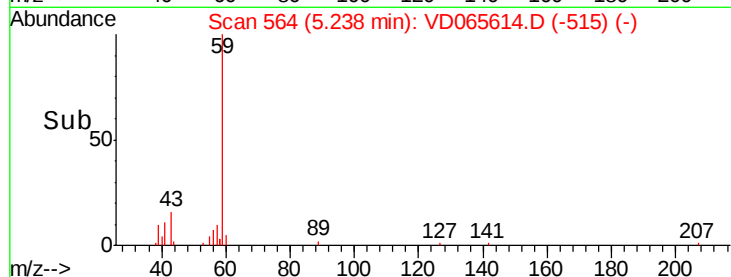
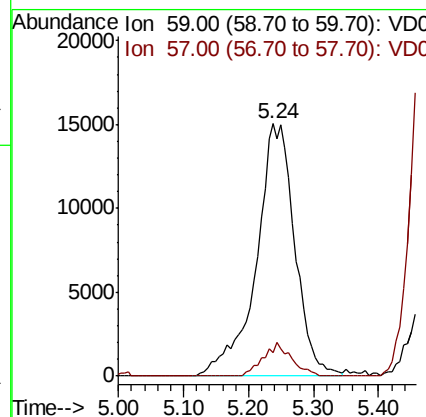
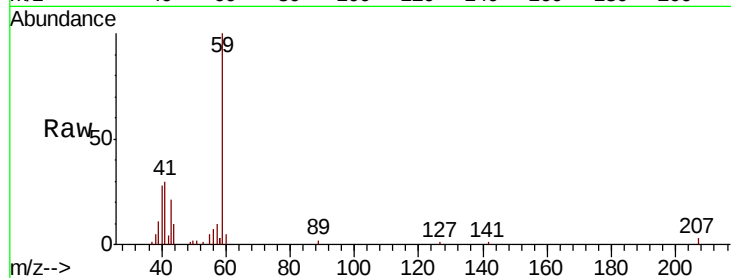
VSTDCCC050

Tot Ion: 59 Resp: 61647

Ion Ratio Lower Upper

59 100

57 9.8 8.1 12.1



#12

1,1-Dichloroethene

Concen: 45.809 ug/l

RT: 4.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

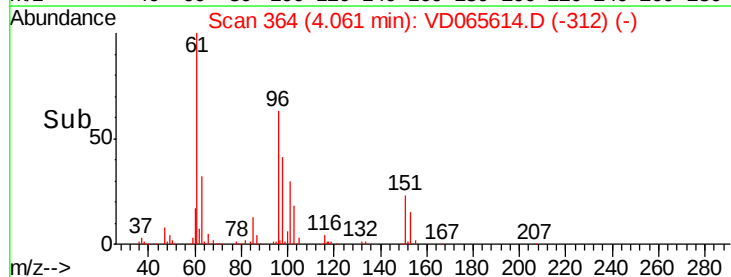
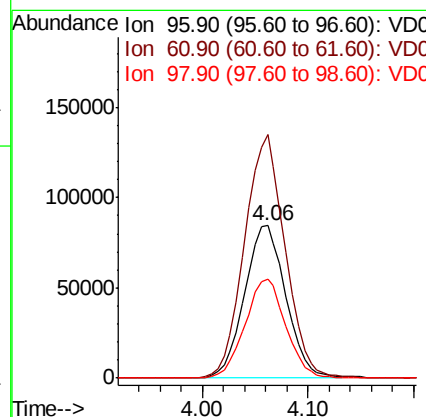
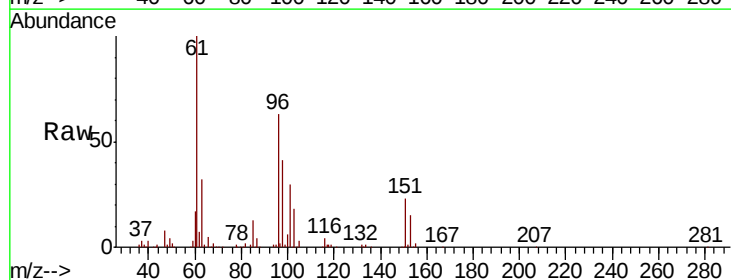
Tgt Ion: 96 Resp: 229908

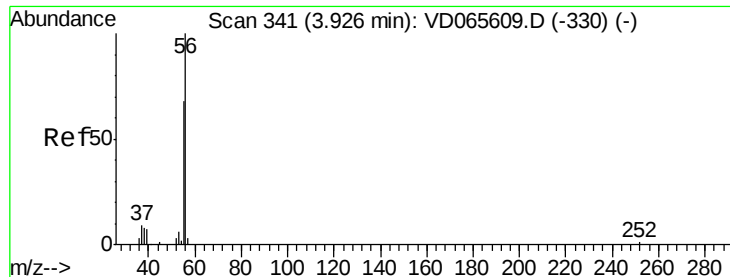
Ion Ratio Lower Upper

96 100

61 159.6 126.6 190.0

98 65.0 50.2 75.4





#13

Acrolein

Concen: 225.440 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

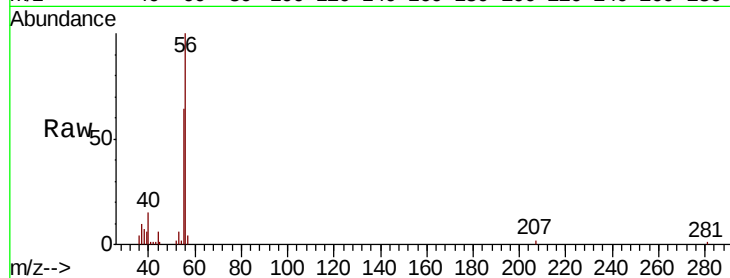
VSTDCCC050

Tot Ion: 56 Resp: 78211

Ion Ratio Lower Upper

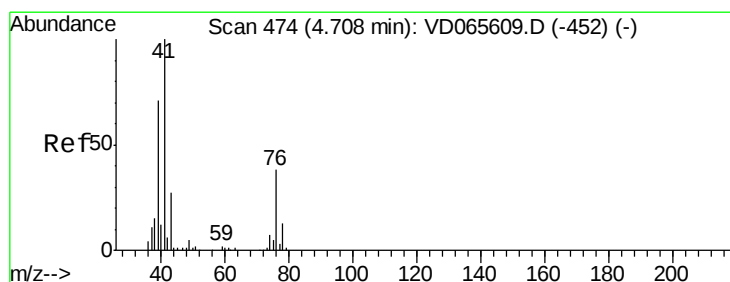
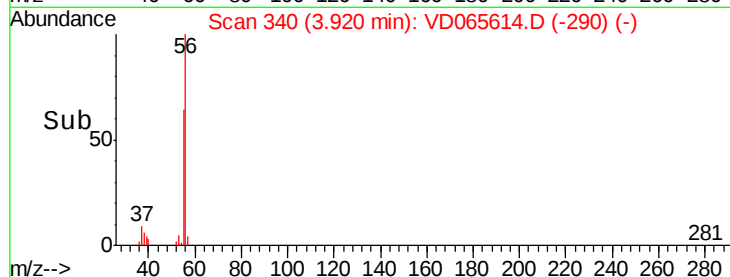
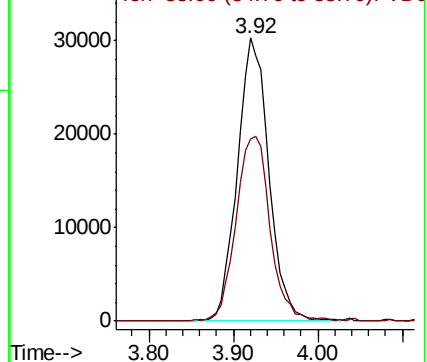
56 100

55 70.0 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 47.503 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

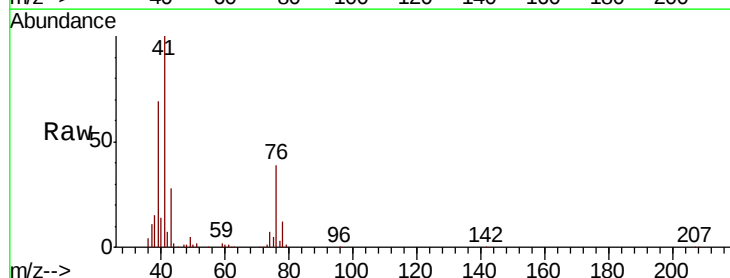
Tgt Ion: 41 Resp: 353658

Ion Ratio Lower Upper

41 100

39 67.7 54.2 81.2

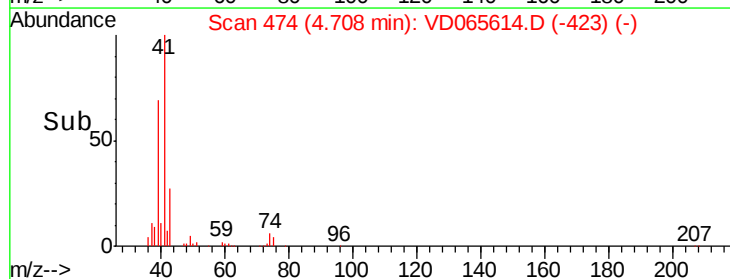
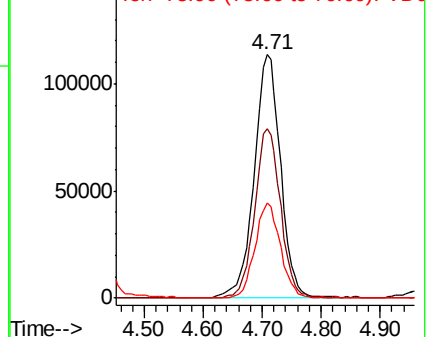
76 36.8 29.7 44.5

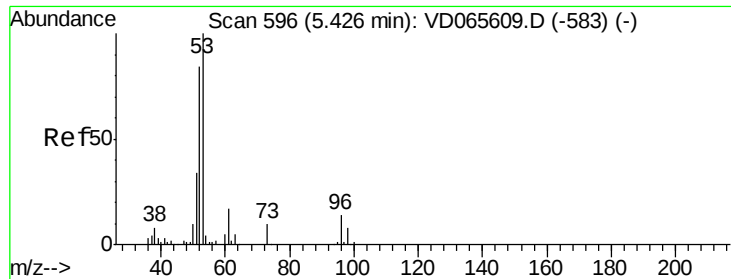


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 226.499 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

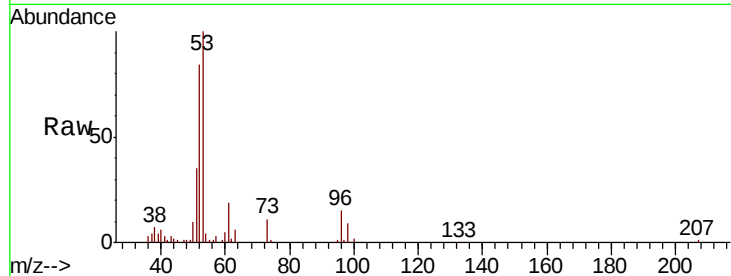
Tot Ion: 53 Resp: 229722

Ion Ratio Lower Upper

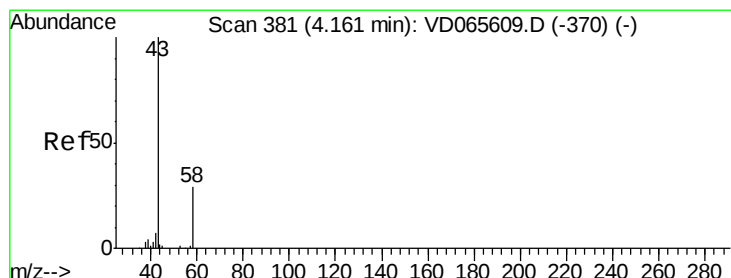
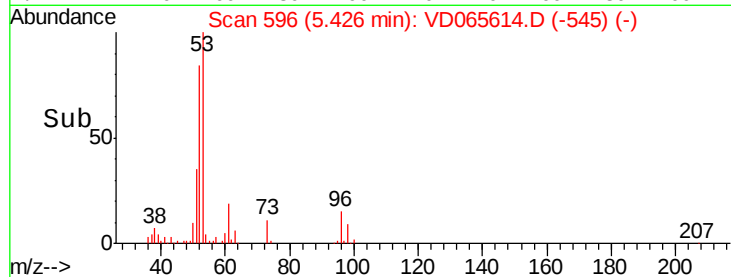
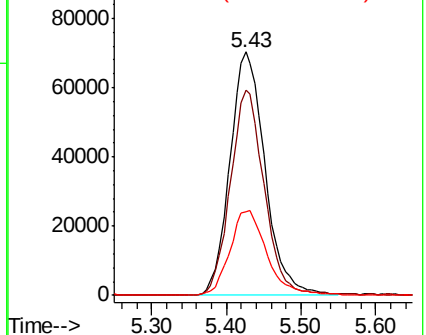
53 100

52 81.8 65.3 97.9

51 36.6 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: 283.366 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD065614.D

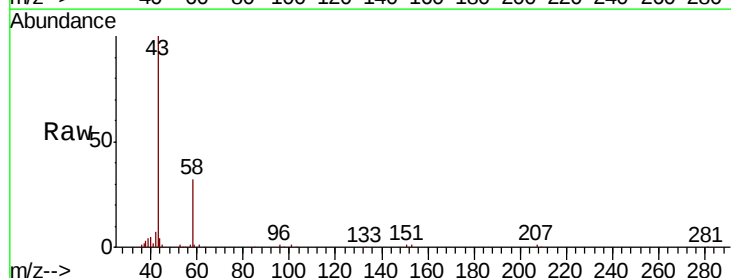
Acq: 13 Apr 2020 13:40

Tgt Ion: 43 Resp: 253329

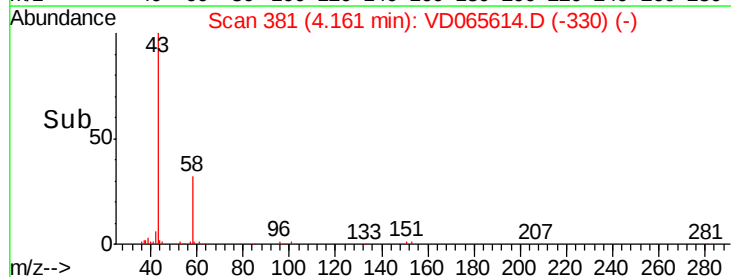
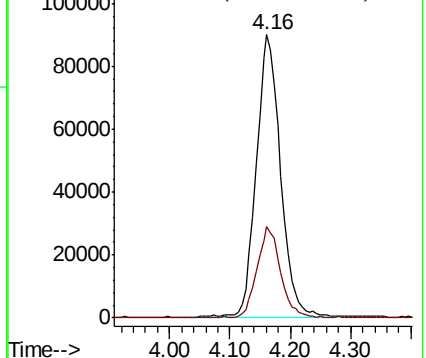
Ion Ratio Lower Upper

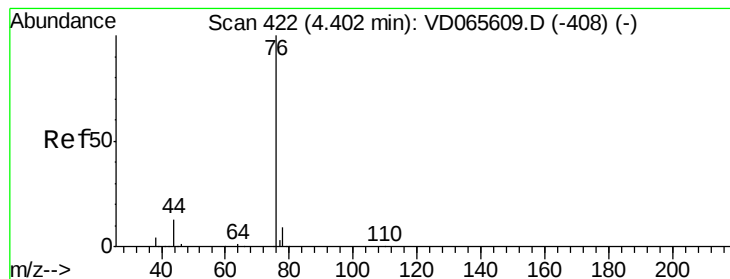
43 100

58 32.1 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: 44.239 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

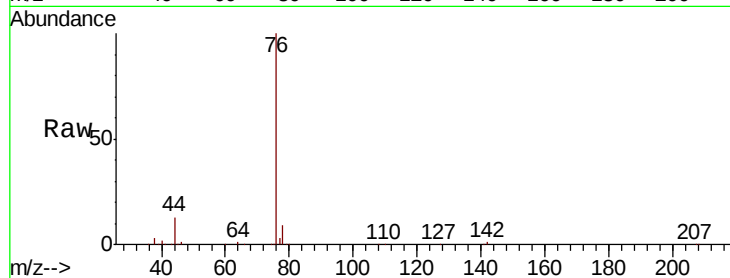
VSTDCCC050

Tot Ion: 76 Resp: 738775

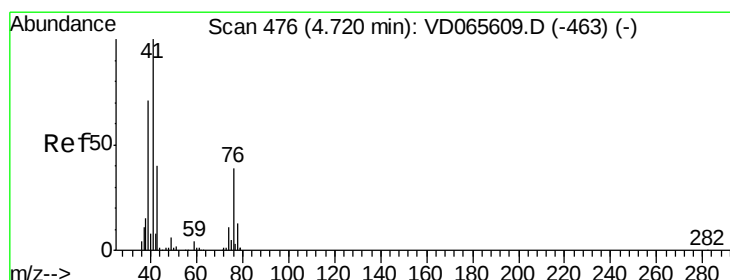
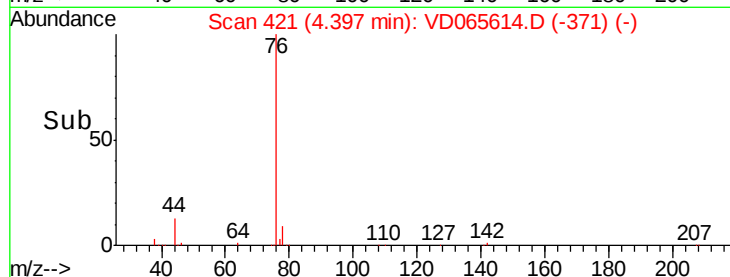
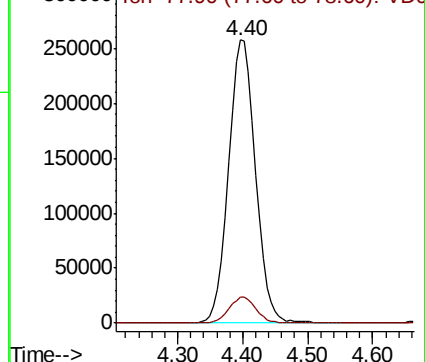
Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



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



#18

Methyl Acetate

Concen: 44.585 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD065614.D

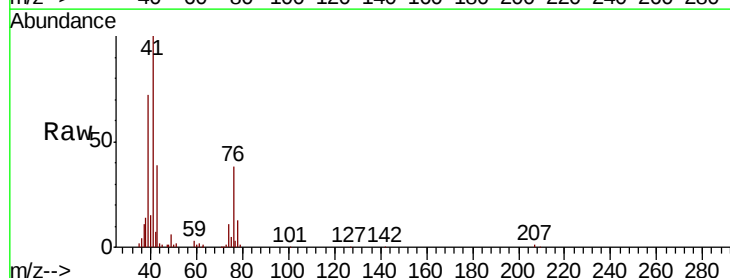
Acq: 13 Apr 2020 13:40

Tgt Ion: 43 Resp: 116994

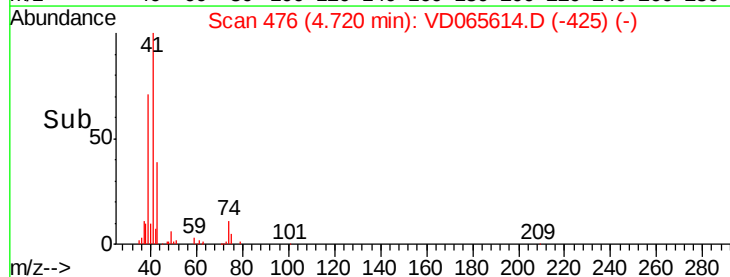
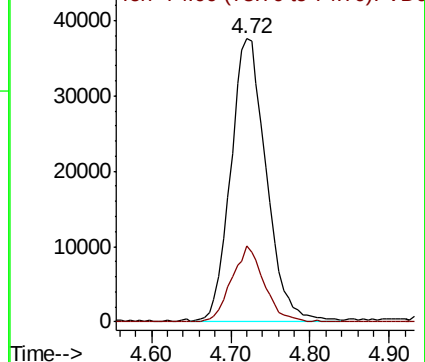
Ion Ratio Lower Upper

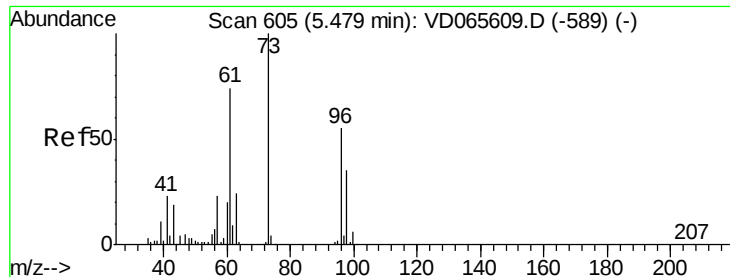
43 100

74 24.5 20.2 30.2



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

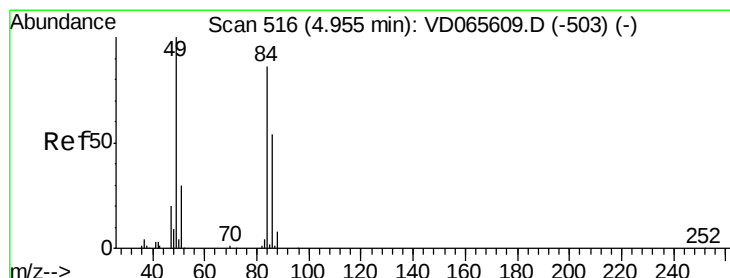
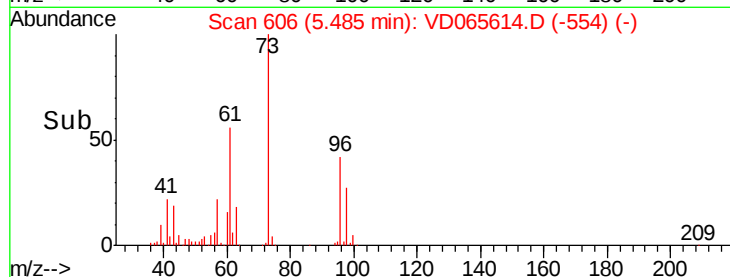
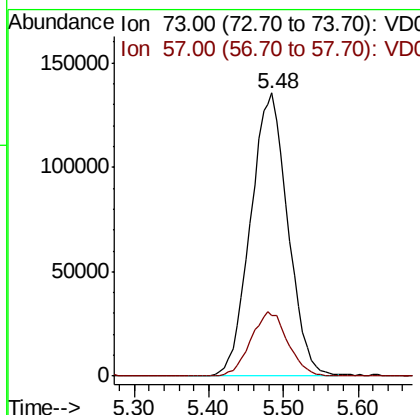
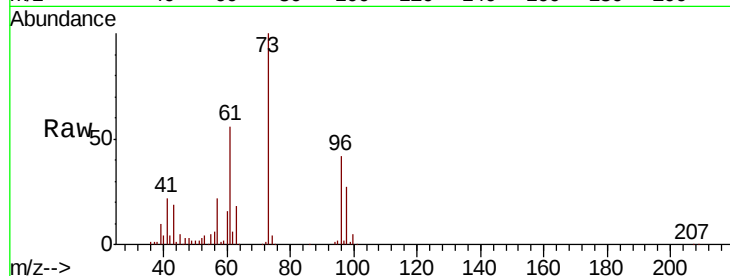




#19
Methyl tert-butyl Ether
Concen: 48.428 ug/l
RT: 5.48 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

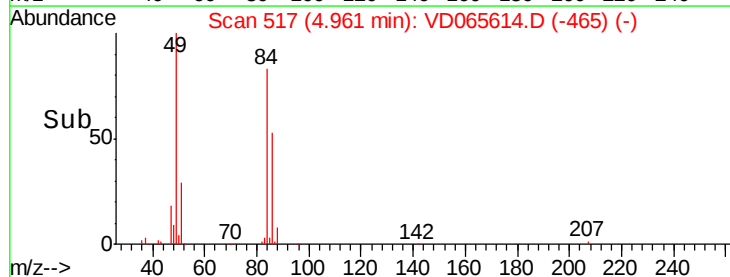
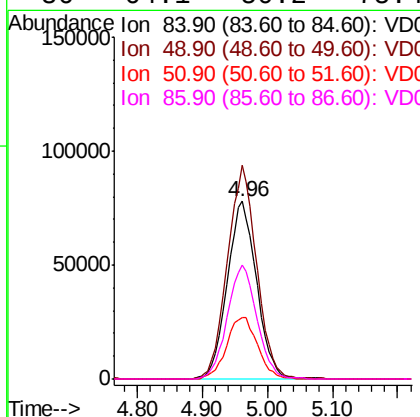
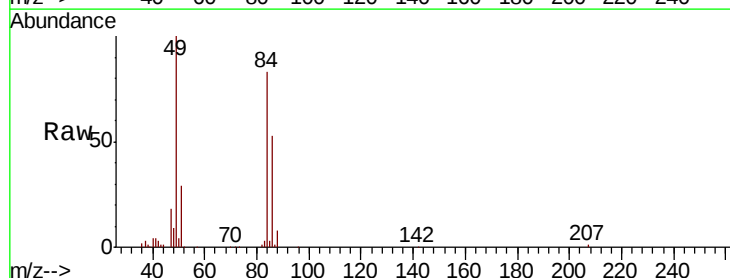
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

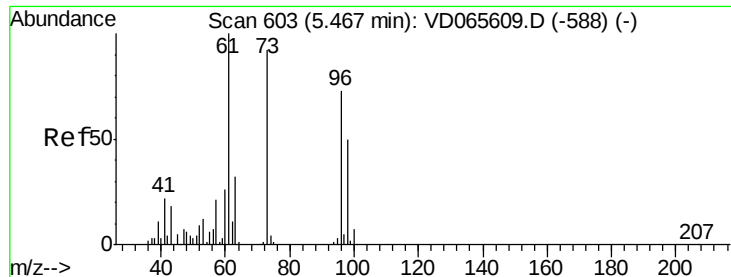
Tot Ion: 73 Resp: 469876
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.2



#20
Methylene Chloride
Concen: 41.262 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion: 84 Resp: 243845
Ion Ratio Lower Upper
84 100
49 120.4 93.4 140.2
51 34.9 28.5 42.7
86 64.1 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 45.680 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

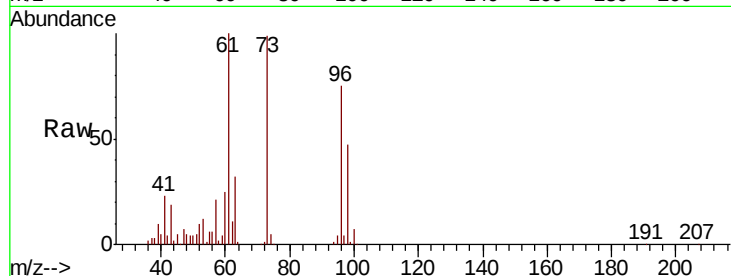
Tot Ion: 96 Resp: 260203

Ion Ratio Lower Upper

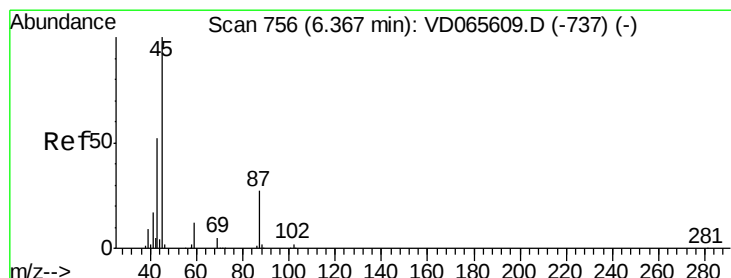
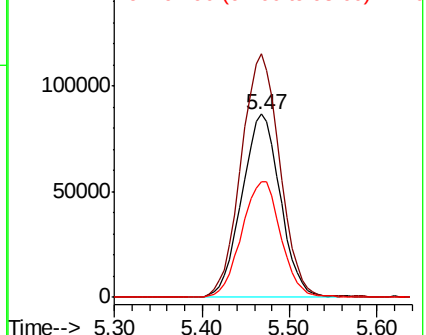
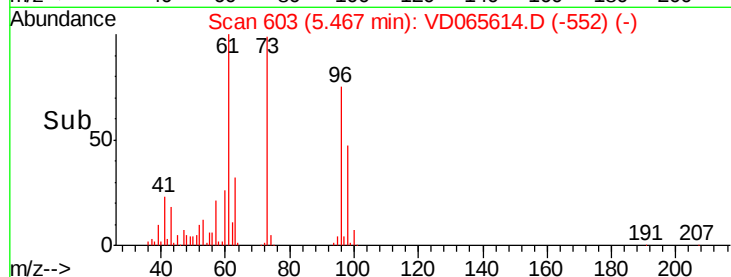
96 100

61 133.0 109.8 164.6

98 62.9 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: 47.855 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Tgt Ion: 45 Resp: 684822

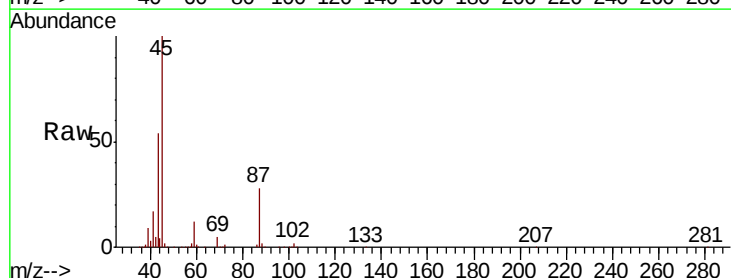
Ion Ratio Lower Upper

45 100

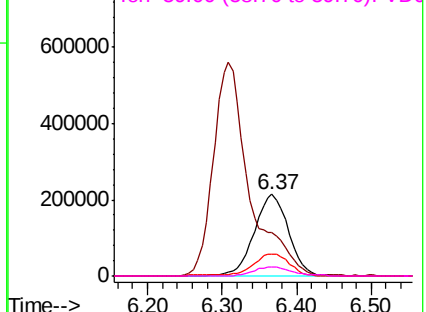
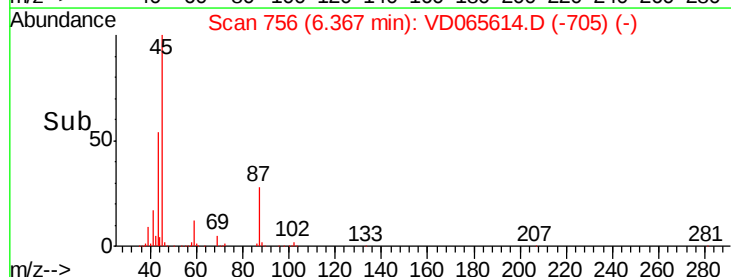
43 52.6 42.5 63.7

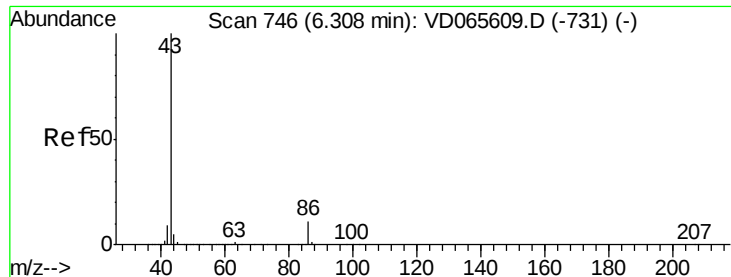
87 27.3 22.3 33.5

59 11.4 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: 249.528 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

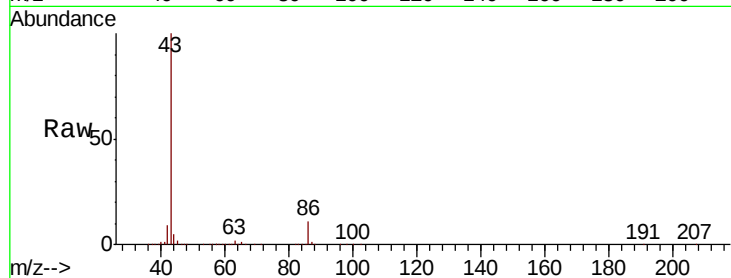
VSTDCCC050

Tot Ion: 43 Resp: 1889223

Ion Ratio Lower Upper

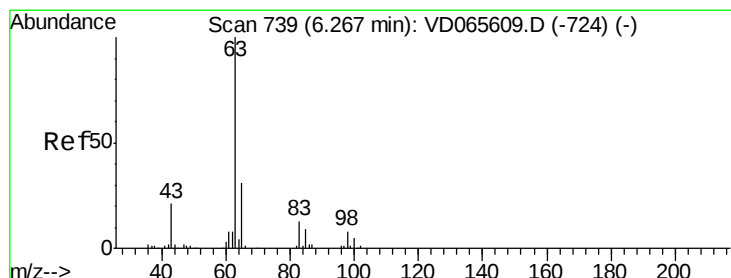
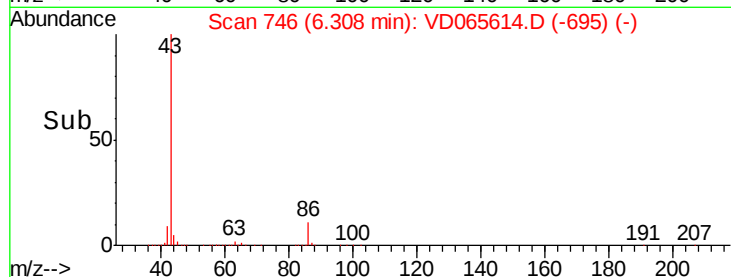
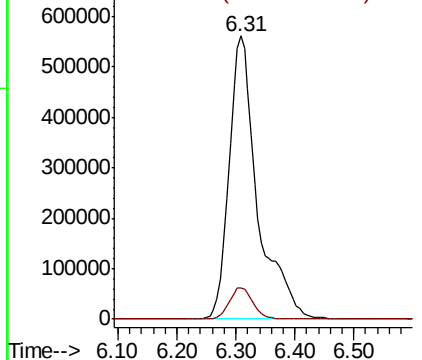
43 100

86 11.3 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: 44.819 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

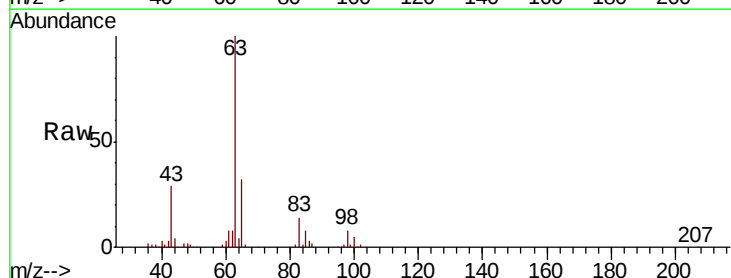
Tgt Ion: 63 Resp: 426705

Ion Ratio Lower Upper

63 100

98 7.8 4.0 11.9

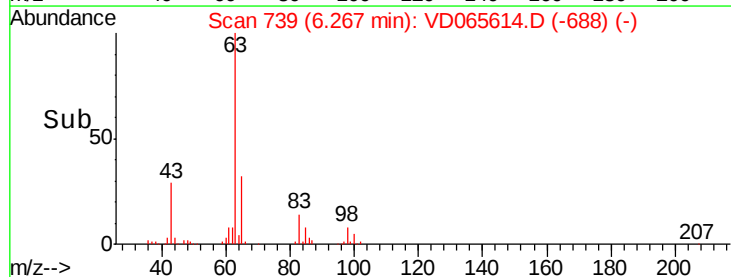
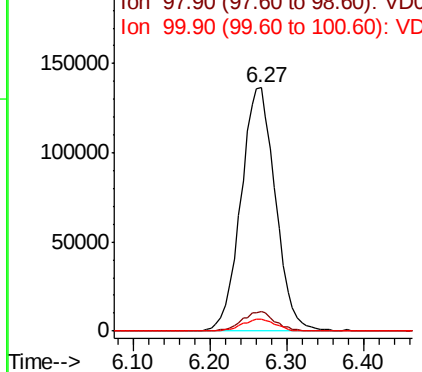
100 4.7 2.6 7.8

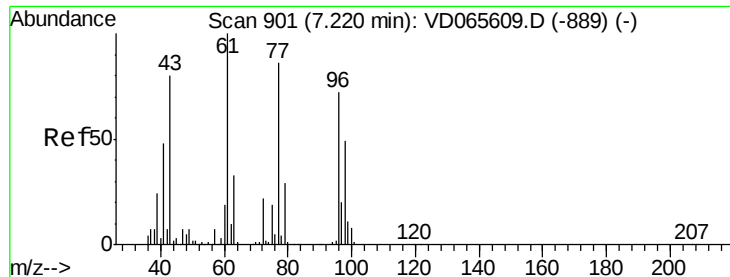


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 246.265 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

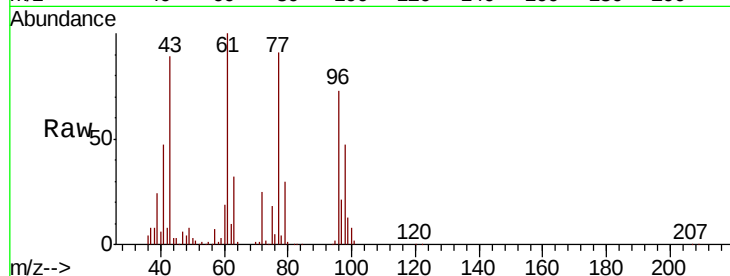
VSTDCCC050

Tot Ion: 43 Resp: 301344

Ion Ratio Lower Upper

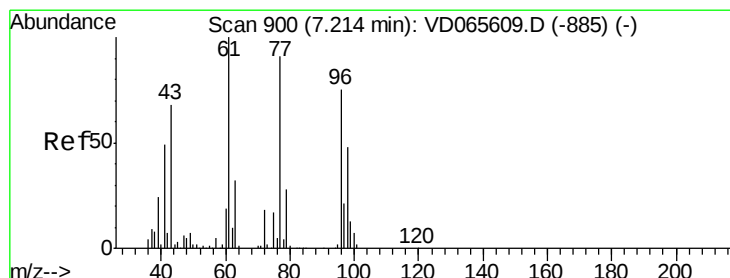
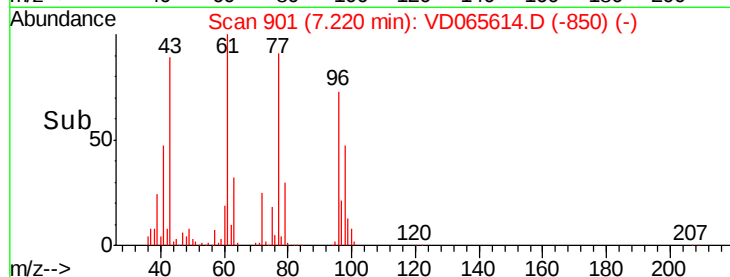
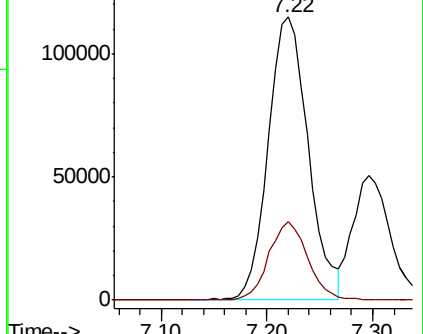
43 100

72 27.6 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 47.153 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065614.D

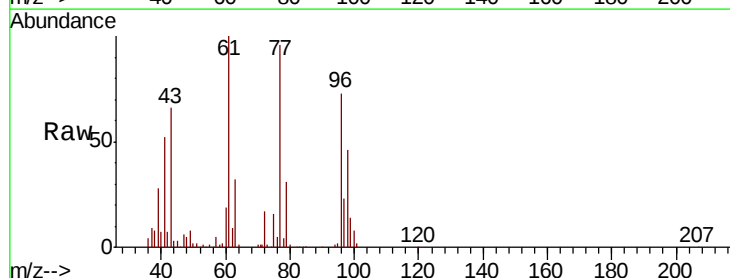
Acq: 13 Apr 2020 13:40

Tgt Ion: 77 Resp: 401748

Ion Ratio Lower Upper

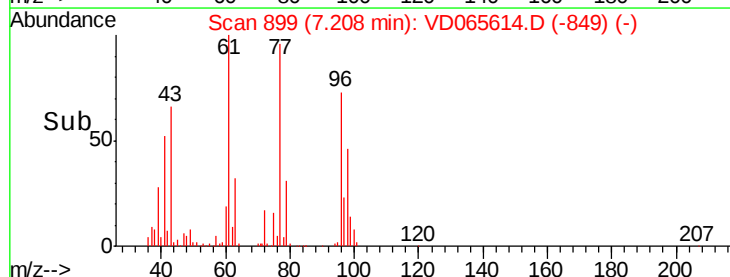
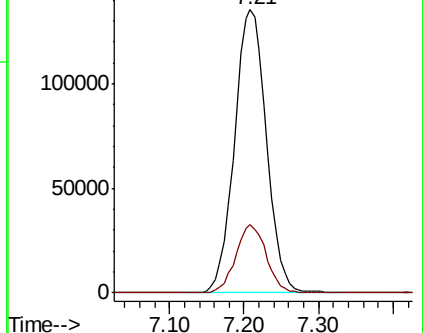
77 100

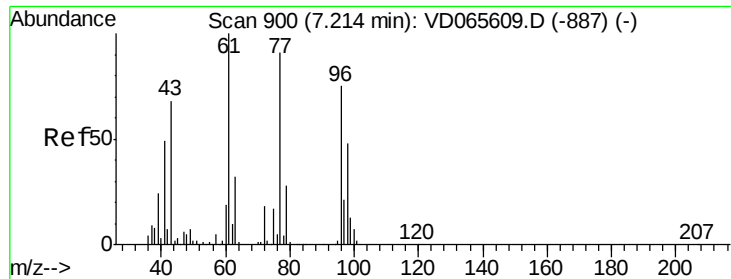
97 23.0 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

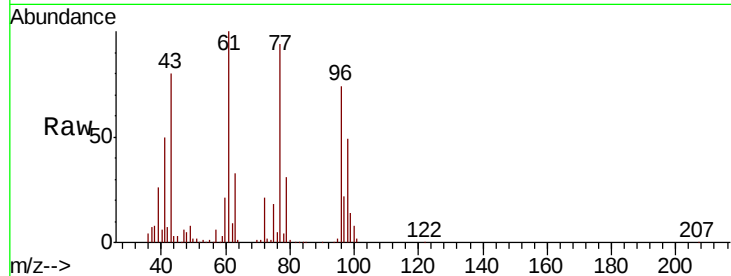




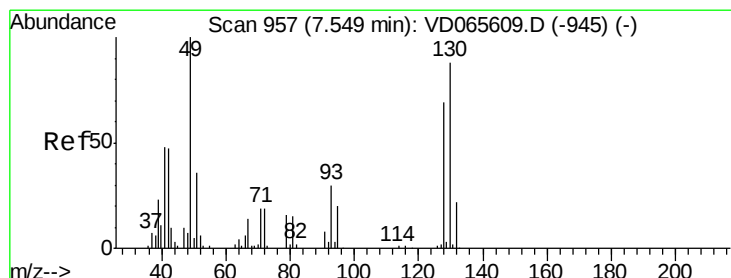
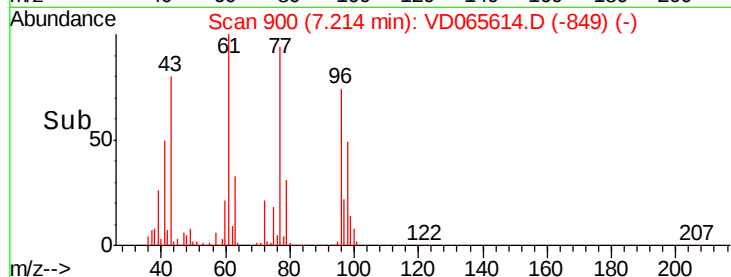
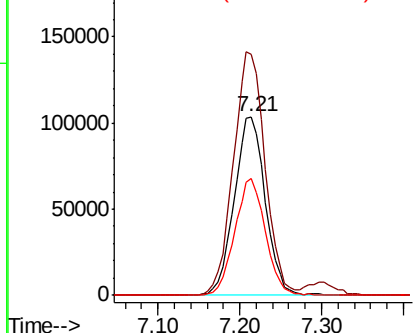
#27
 cis-1,2-Dichloroethene
 Concen: 46.882 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 273310
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 279.0
 98 64.6 0.0 130.2

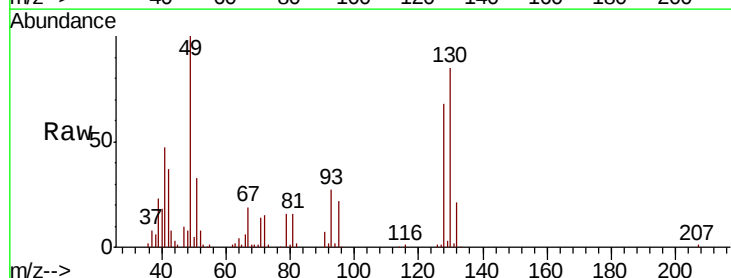


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC

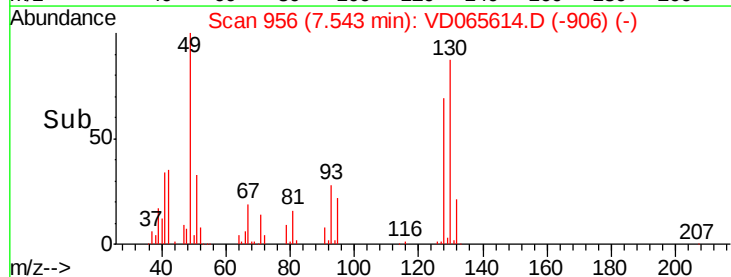
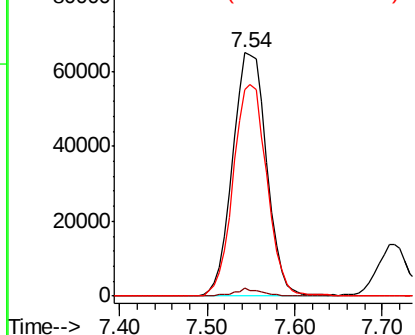


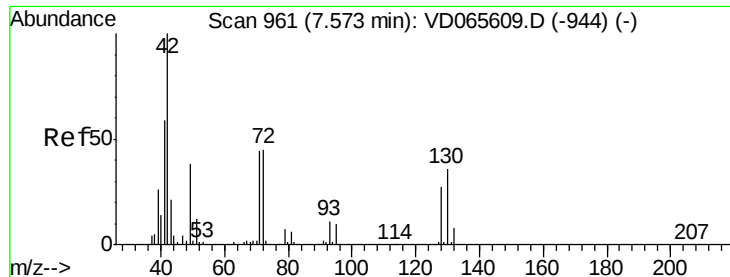
#28
 Bromochloromethane
 Concen: 44.847 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Tgt Ion: 49 Resp: 171367
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 85.7 69.4 104.2



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

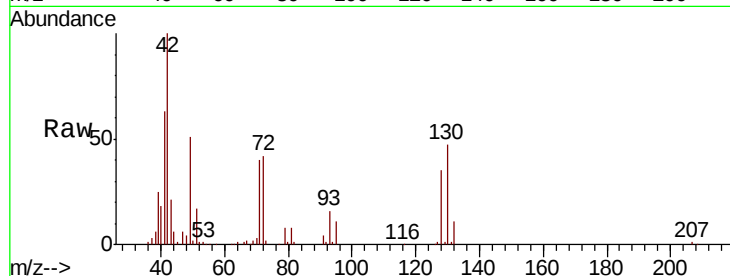




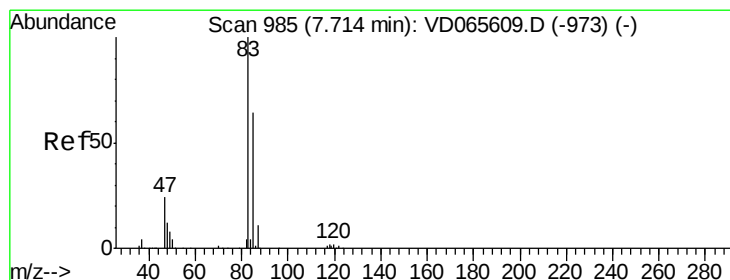
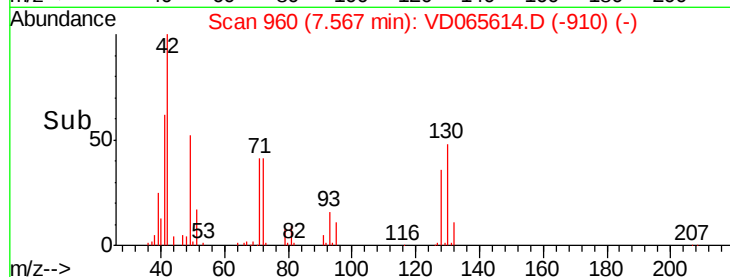
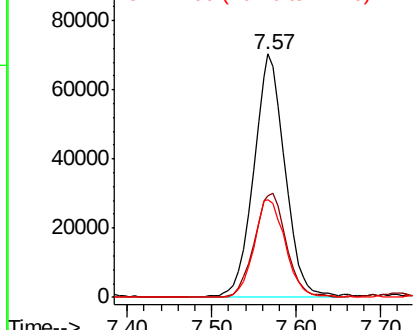
#29
Tetrahydrofuran
Concen: 236.141 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 181580
Ion Ratio Lower Upper
42 100
72 43.4 35.3 52.9
71 40.6 33.1 49.7

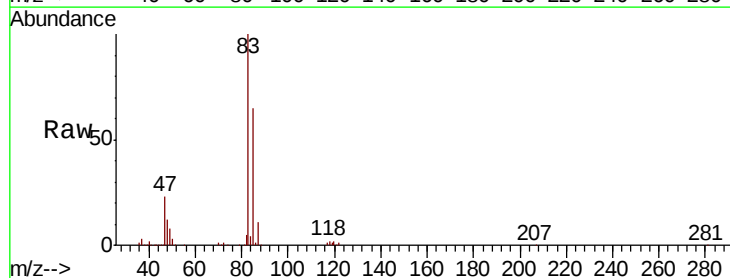


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

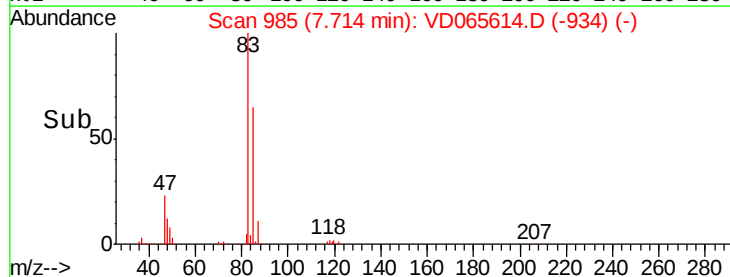
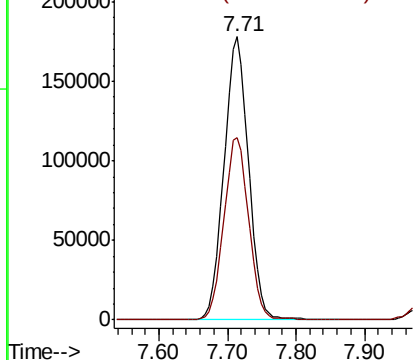


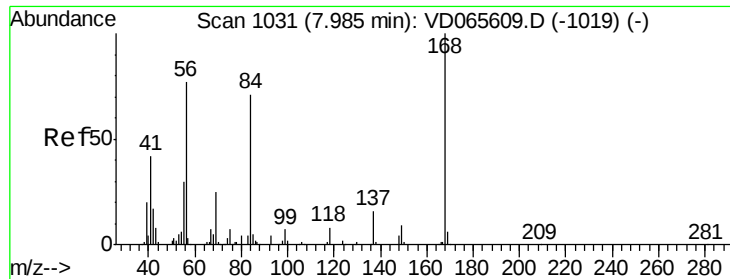
#30
Chloroform
Concen: 44.174 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion: 83 Resp: 440359
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3



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

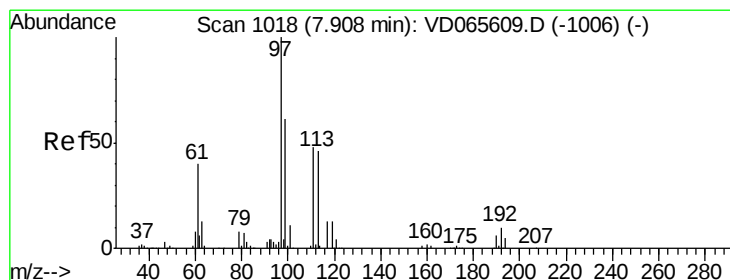
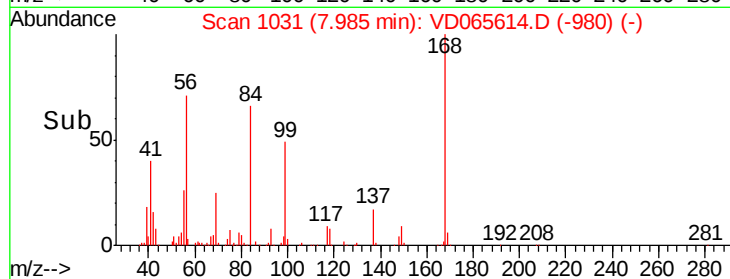
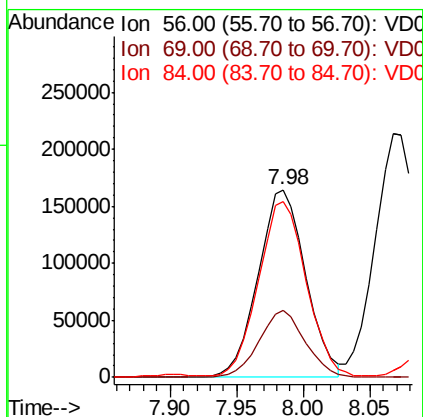
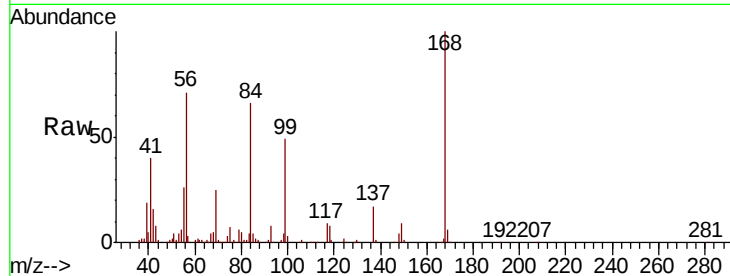




#31
Cyclohexane
Concen: 46.031 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

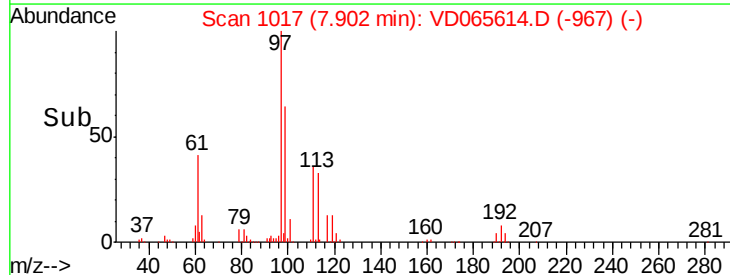
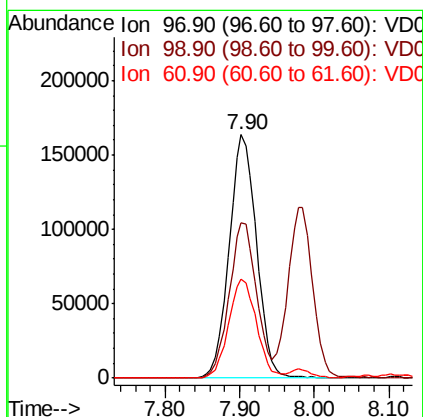
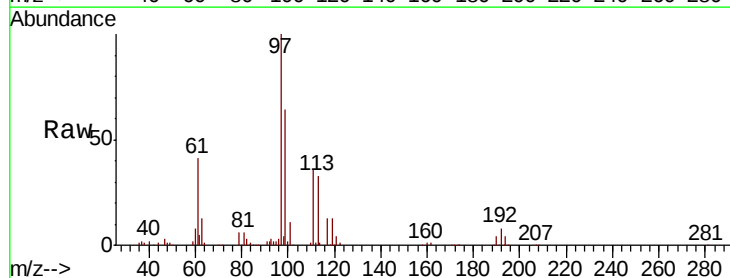
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

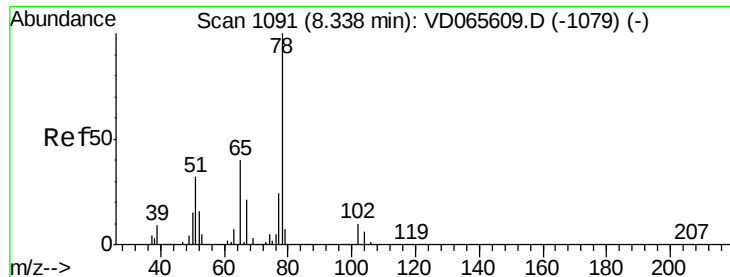
Tot Ion: 56 Resp: 406536
Ion Ratio Lower Upper
56 100
69 35.5 26.2 39.4
84 92.4 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 46.305 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion: 97 Resp: 417169
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.2
61 41.4 33.5 50.3

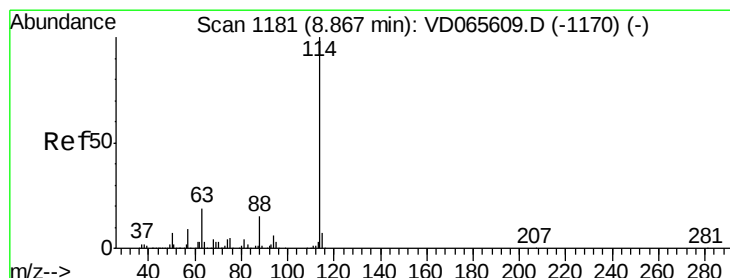
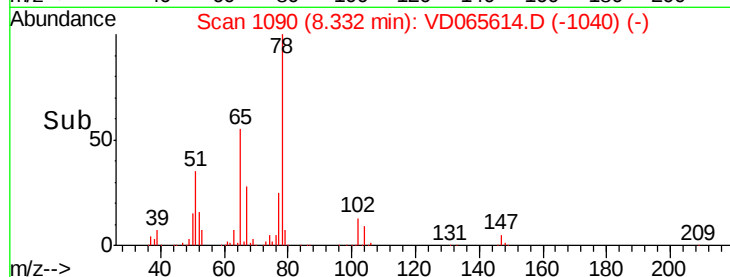
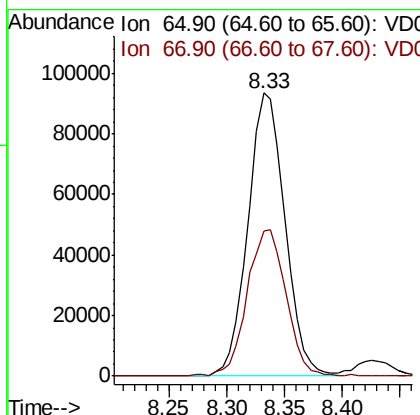
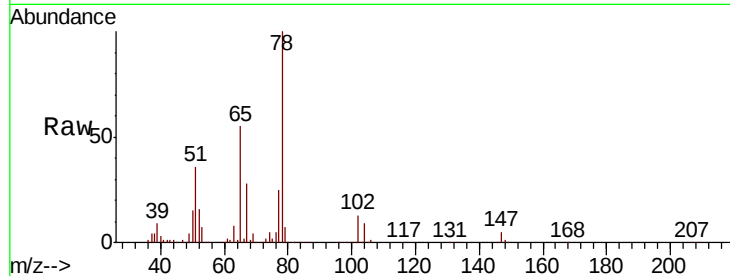




#33
 1,2-Dichloroethane-d4
 Concen: 42.375 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

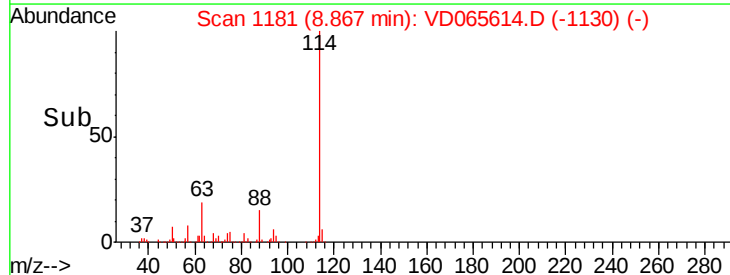
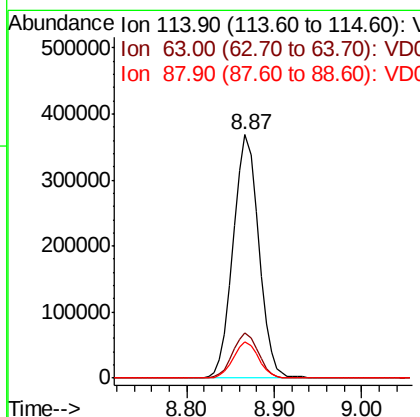
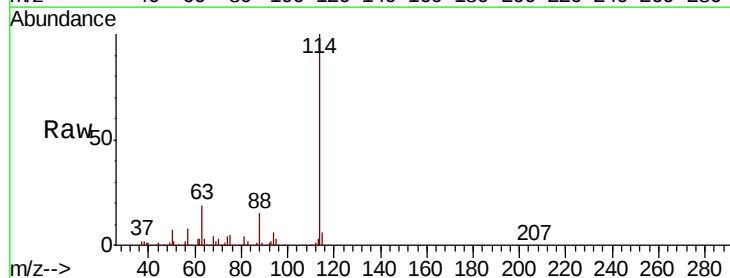
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

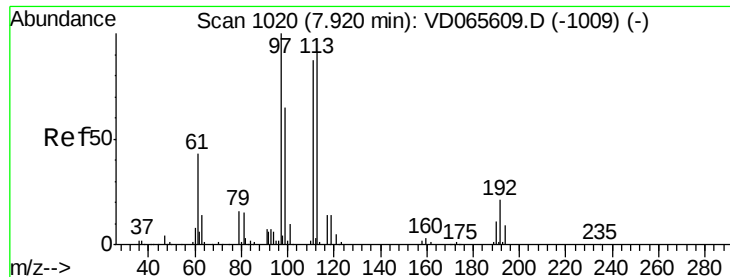
Tot Ion: 65 Resp: 209793
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Tgt Ion: 114 Resp: 728400
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.2
 88 14.9 0.0 29.6

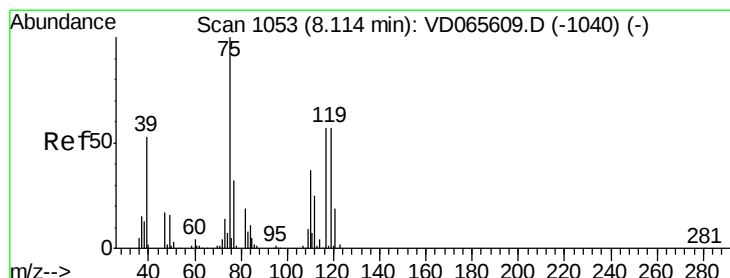
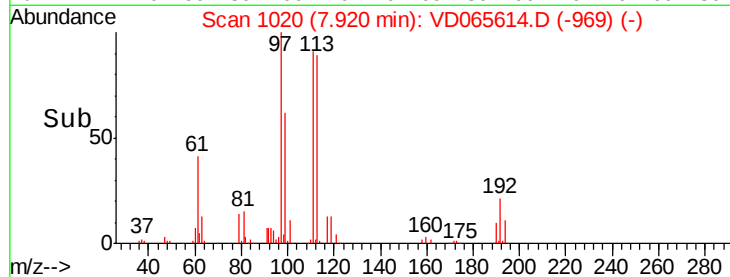
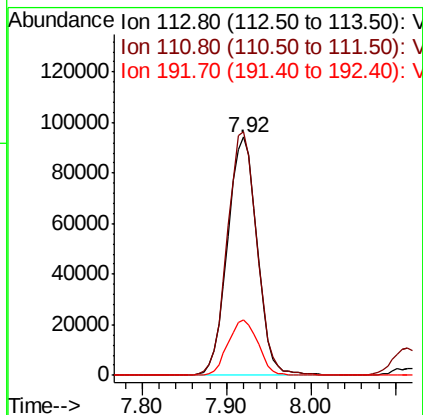
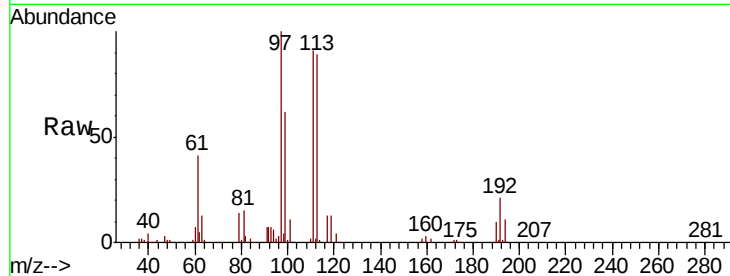




#35
 Dibromofluoromethane
 Concen: 44.632 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

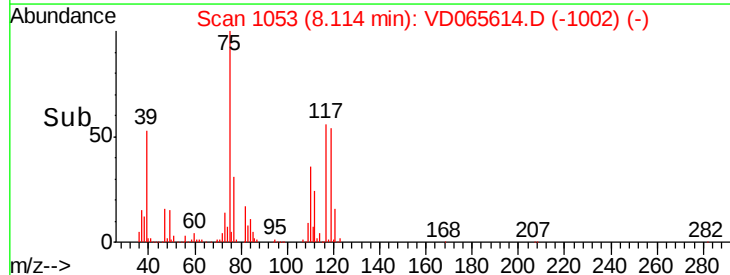
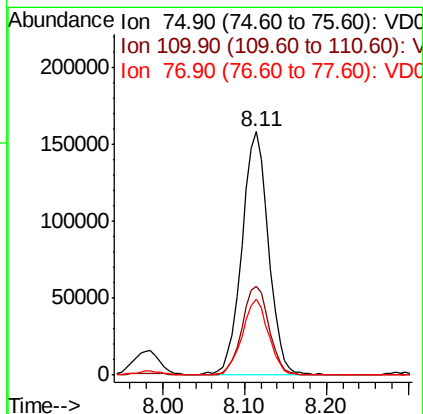
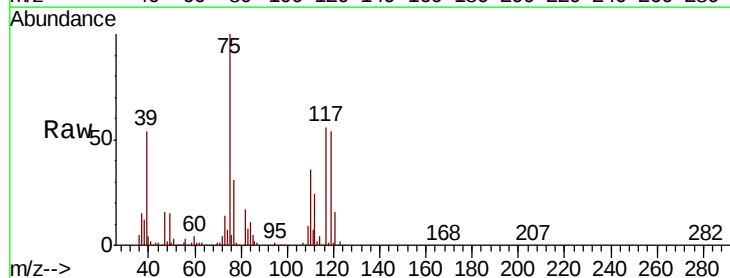
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

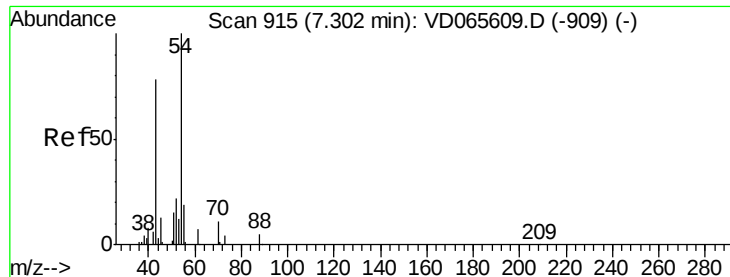
Tot Ion:113 Resp: 227123
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.6 120.8
 192 23.5 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 47.689 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Tgt Ion: 75 Resp: 357624
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.3 54.9
 77 31.2 25.0 37.6

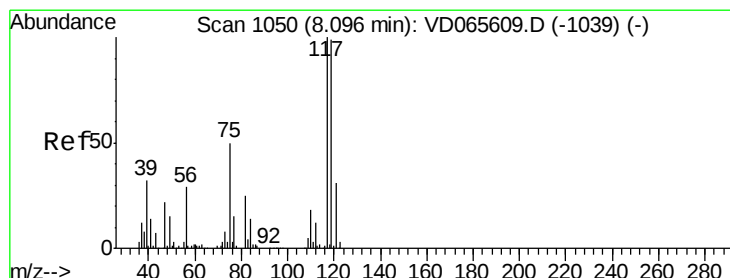
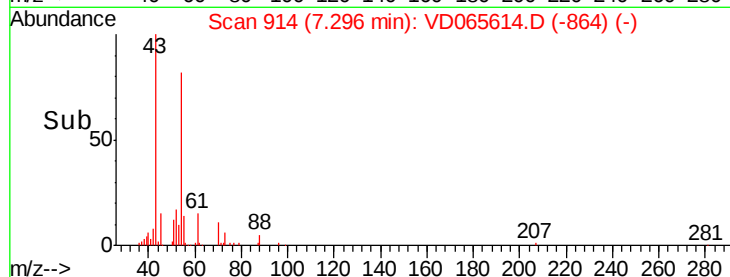
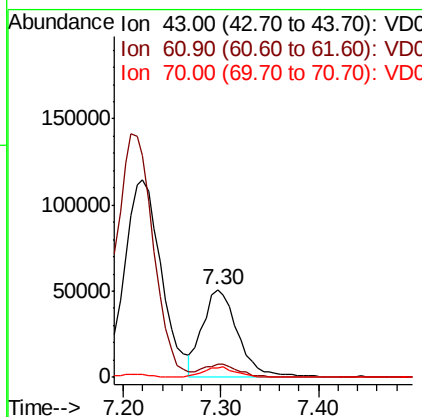
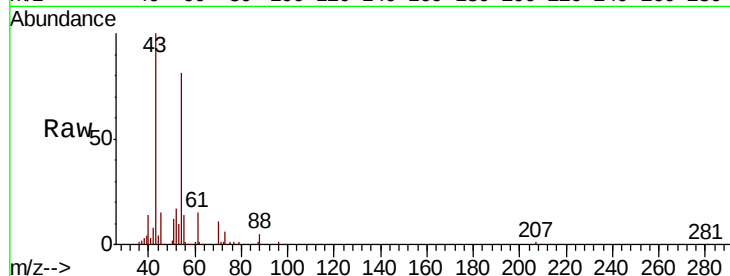




#37
Ethyl Acetate
Concen: 45.036 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

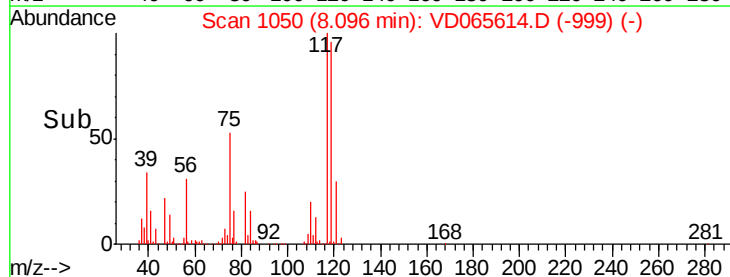
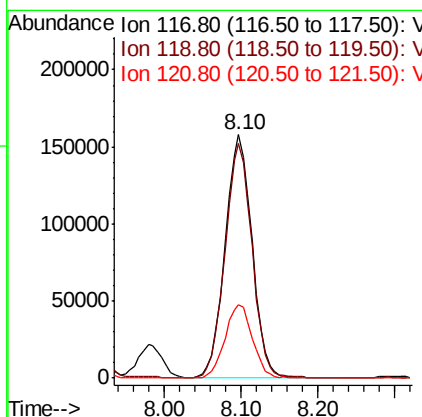
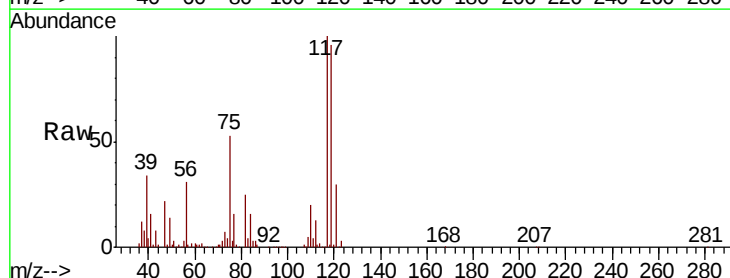
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

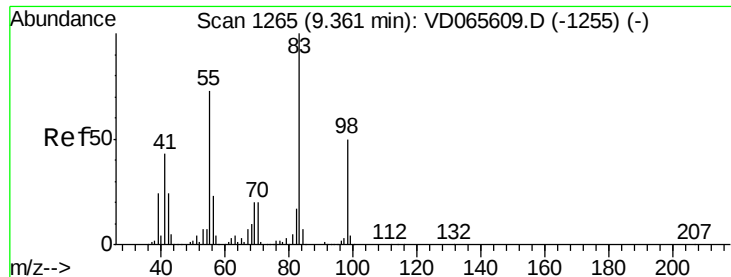
Tot Ion: 43 Resp: 125399
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 11.2 8.6 13.0



#38
Carbon Tetrachloride
Concen: 47.191 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion: 117 Resp: 384269
Ion Ratio Lower Upper
117 100
119 96.5 78.9 118.3
121 30.3 24.6 37.0

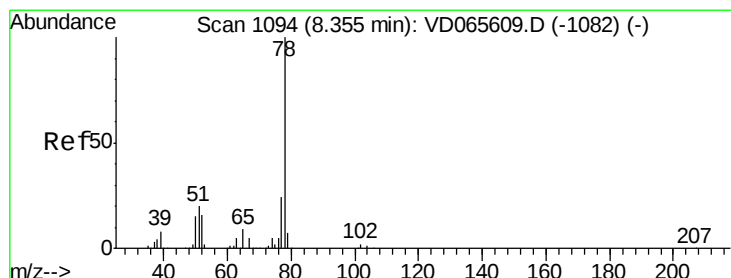
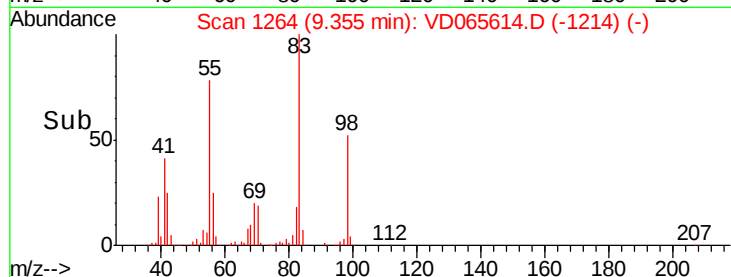
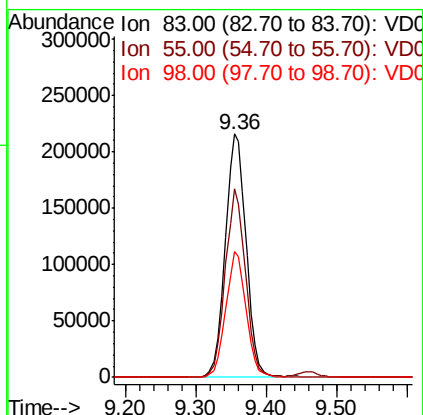
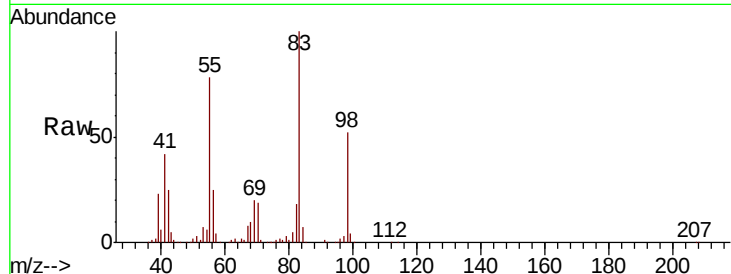




#39
Methvlcvclohexane
Concen: 52.135 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

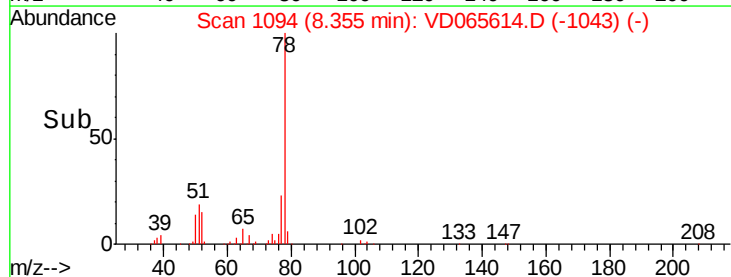
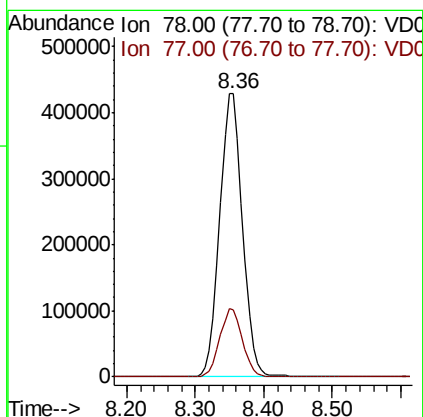
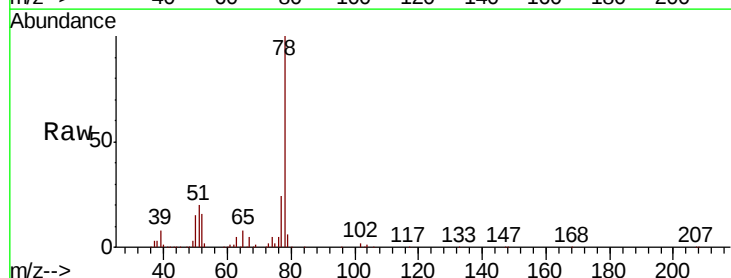
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

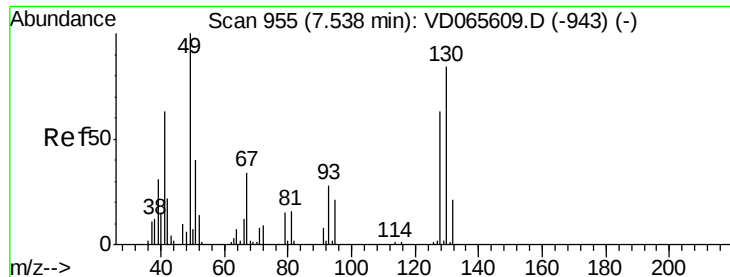
Tot Ion: 83 Resp: 442580
Ion Ratio Lower Upper
83 100
55 77.6 58.7 88.1
98 51.9 40.2 60.4



#40
Benzene
Concen: 46.149 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion: 78 Resp: 988775
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

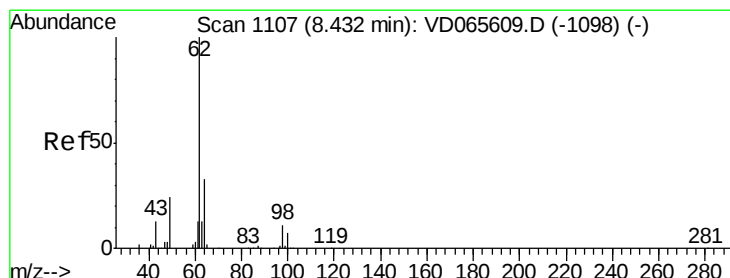
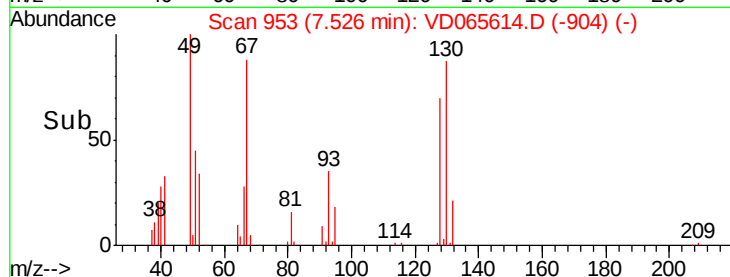
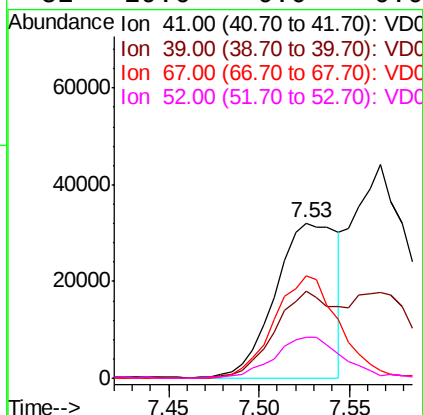
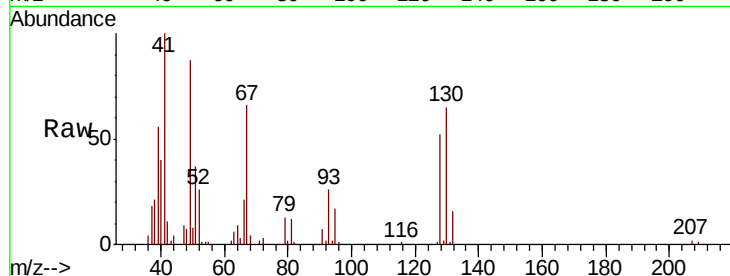




#41
Methacrylonitrile
Concen: 48.983 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

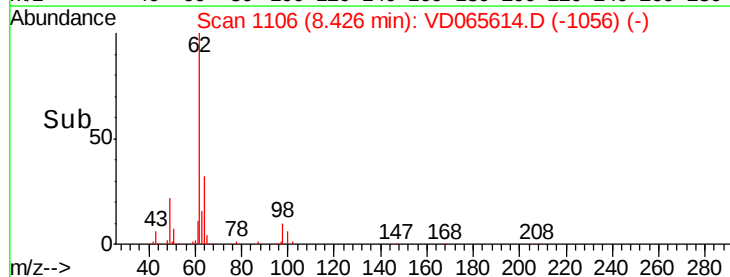
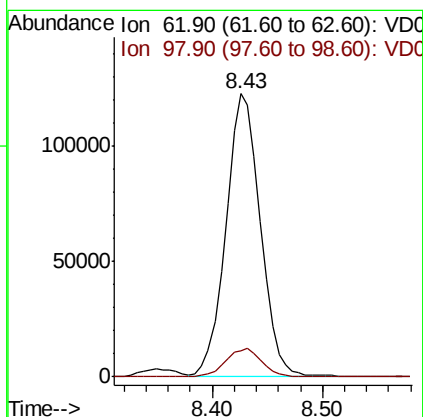
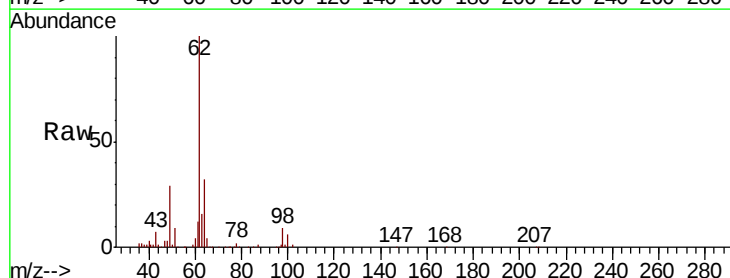
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

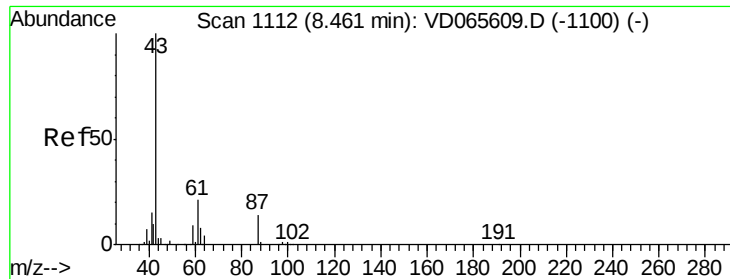
Tot Ion:	41	Resp:	77169
Ion	Ratio	Lower	Upper
41	100		
39	60.0	0.0	0.0#
67	68.7	0.0	0.0#
52	29.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 44.420 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion:	62	Resp:	265837
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 47.367 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

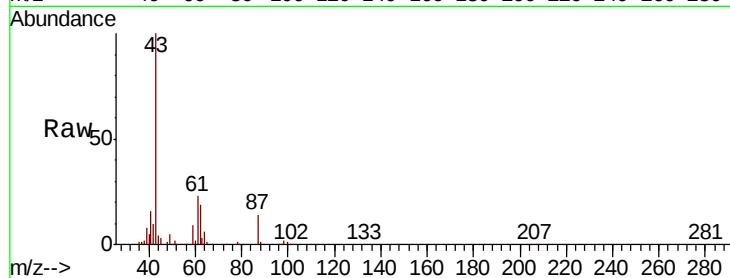
Tot Ion: 43 Resp: 240629

Ion Ratio Lower Upper

43 100

61 32.4 25.9 38.9

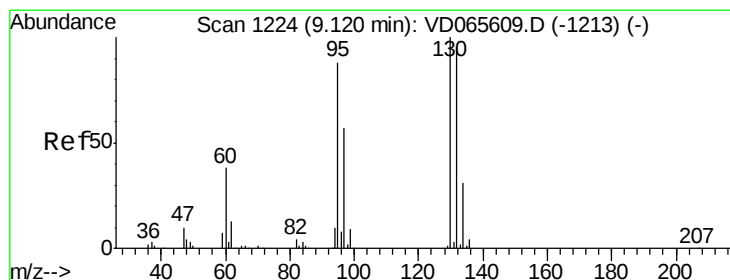
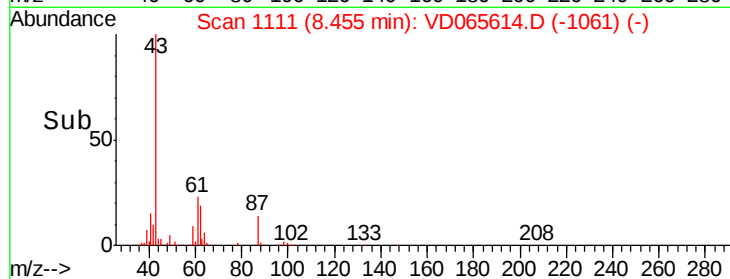
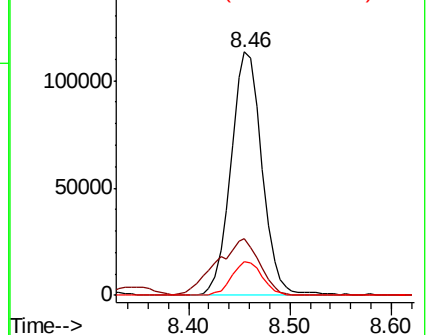
87 13.8 10.9 16.3



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: 46.828 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD065614.D

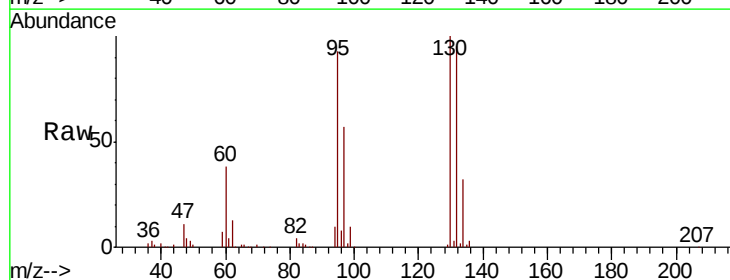
Acq: 13 Apr 2020 13:40

Tgt Ion: 130 Resp: 288363

Ion Ratio Lower Upper

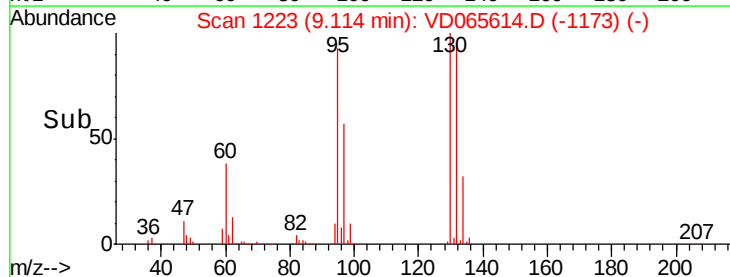
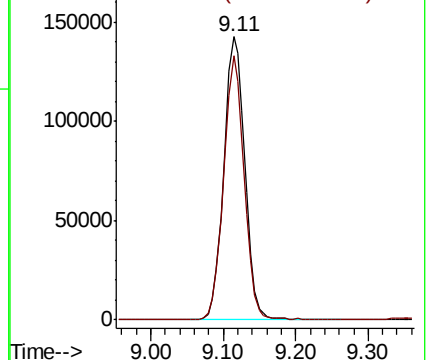
130 100

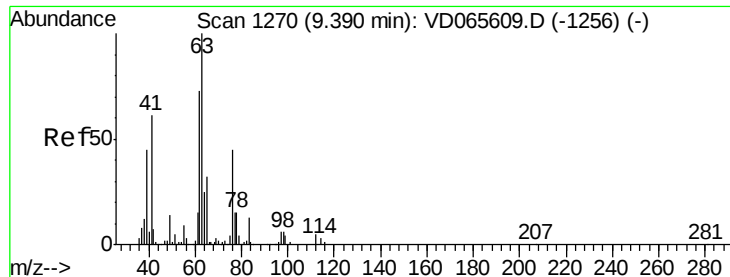
95 93.3 0.0 176.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 45.143 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

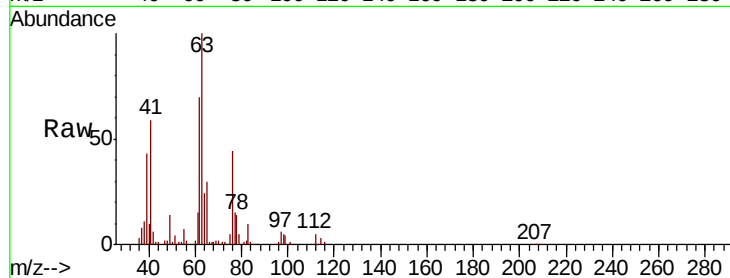
VSTDCCC050

Tot Ion: 63 Resp: 235523

Ion Ratio Lower Upper

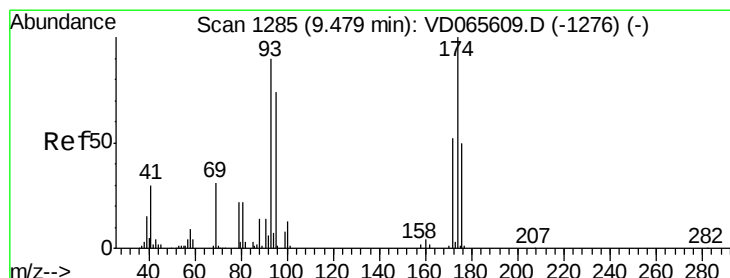
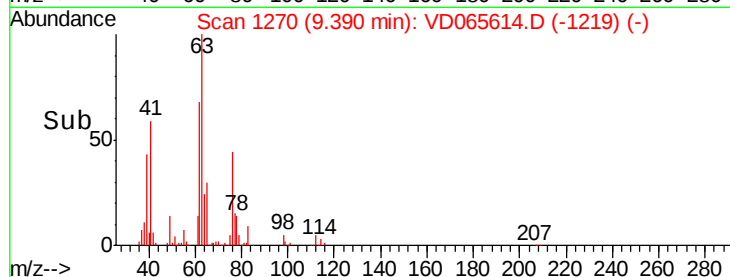
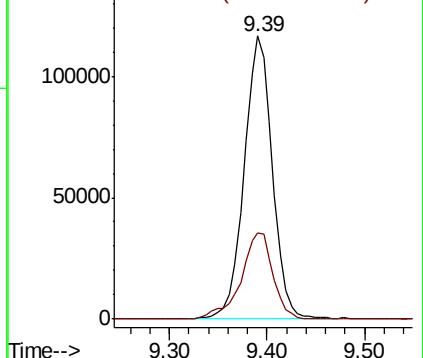
63 100

65 30.2 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 44.757 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

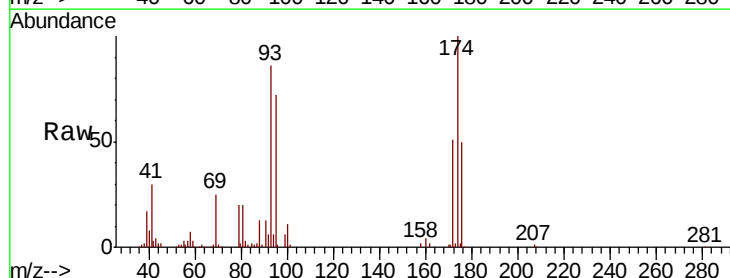
Tgt Ion: 93 Resp: 125514

Ion Ratio Lower Upper

93 100

95 81.5 66.5 99.7

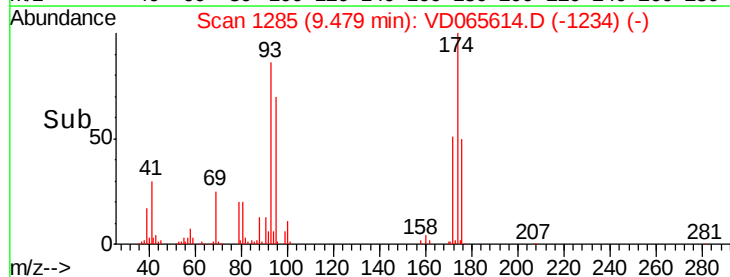
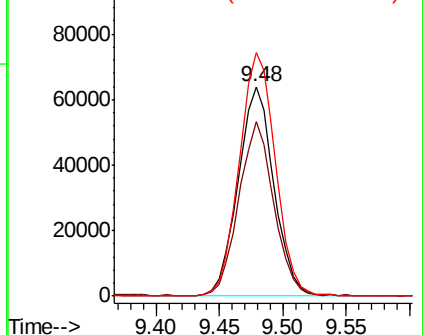
174 117.6 91.5 137.3

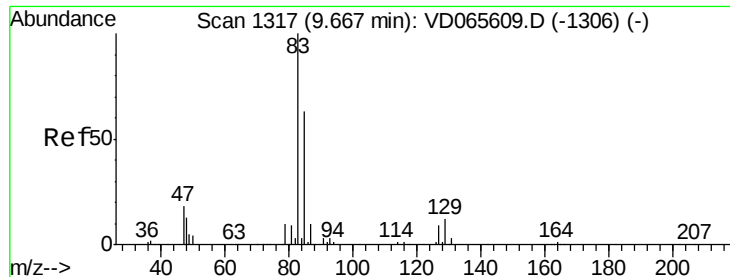


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 44.903 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

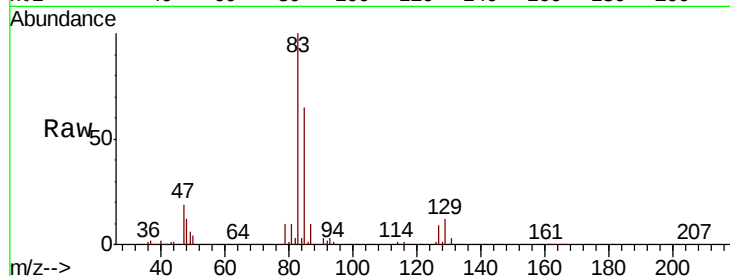
Tot Ion: 83 Resp: 330212

Ion Ratio Lower Upper

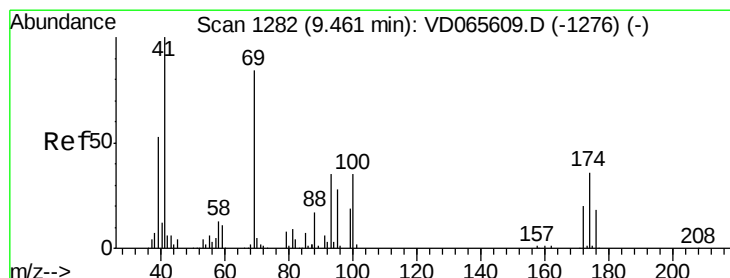
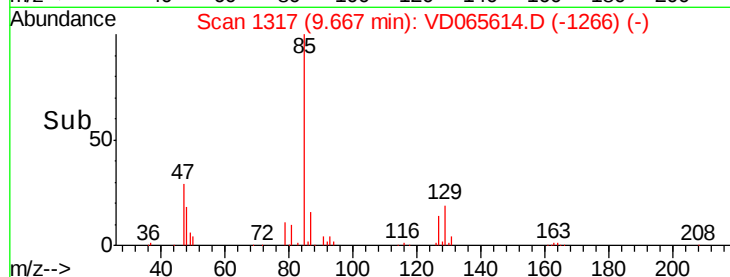
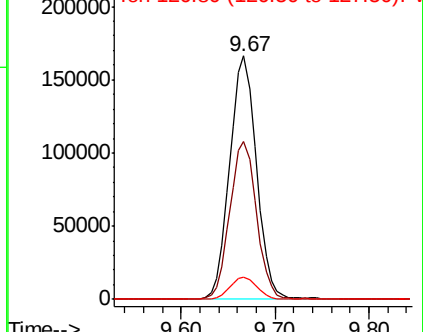
83 100

85 65.1 50.7 76.1

127 9.0 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: 49.476 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

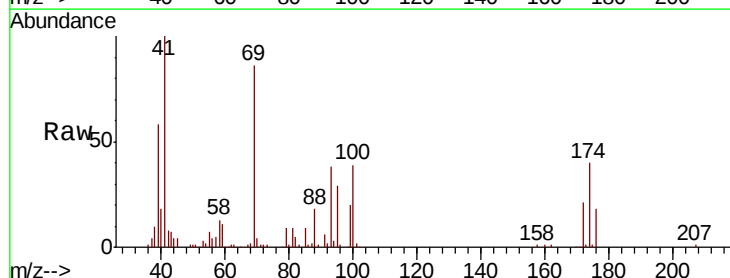
Tgt Ion: 41 Resp: 116571

Ion Ratio Lower Upper

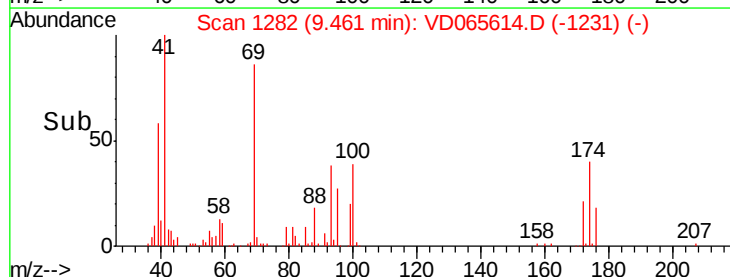
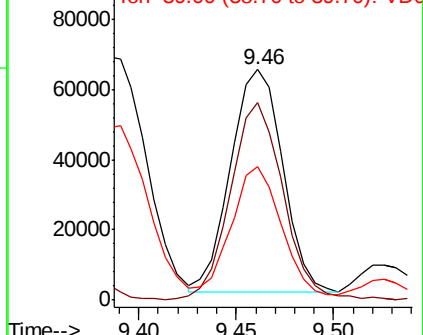
41 100

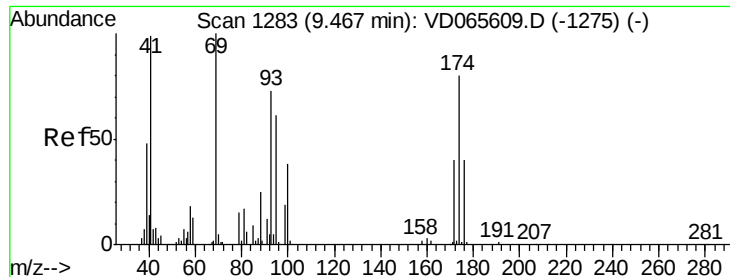
69 89.8 72.4 108.6

39 55.1 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: 960.039 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

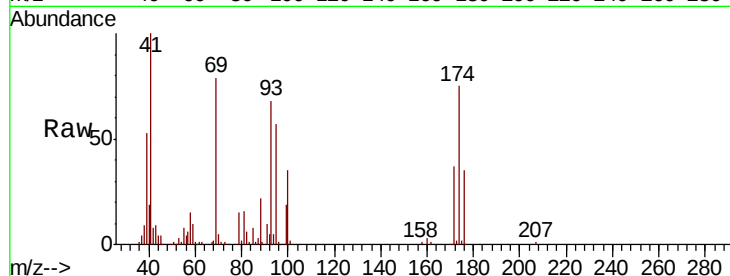
Tot Ion: 88 Resp: 28513

Ion Ratio Lower Upper

88 100

43 35.2 29.8 44.8

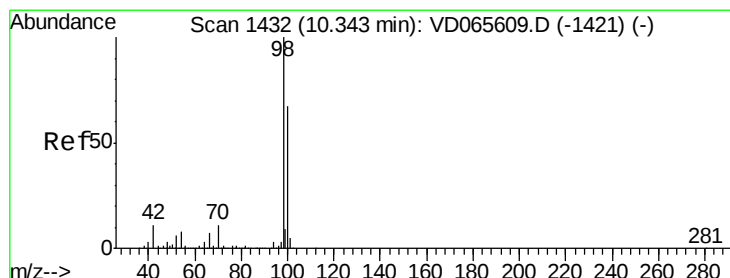
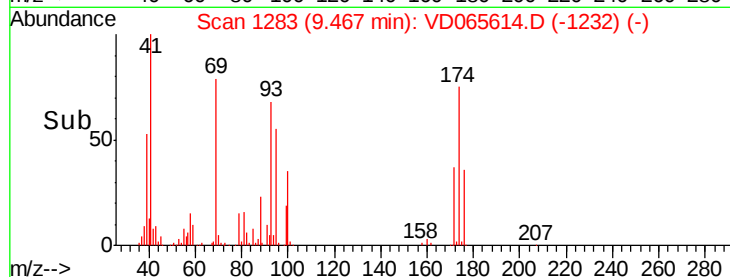
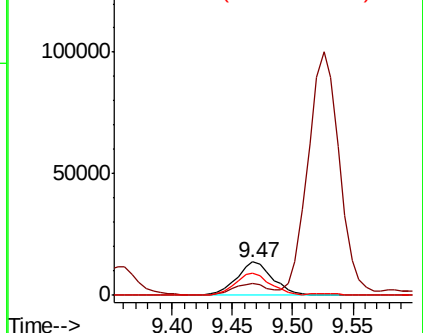
58 65.9 57.7 86.5



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: 46.778 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065614.D

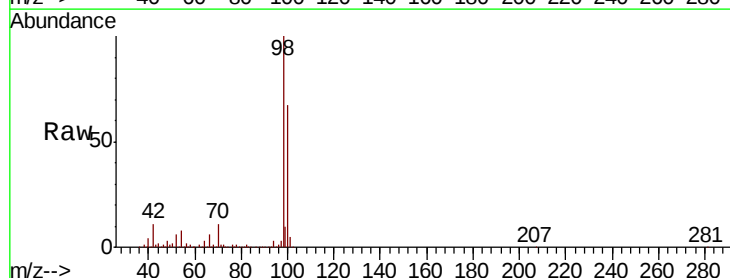
Acq: 13 Apr 2020 13:40

Tgt Ion: 98 Resp: 869266

Ion Ratio Lower Upper

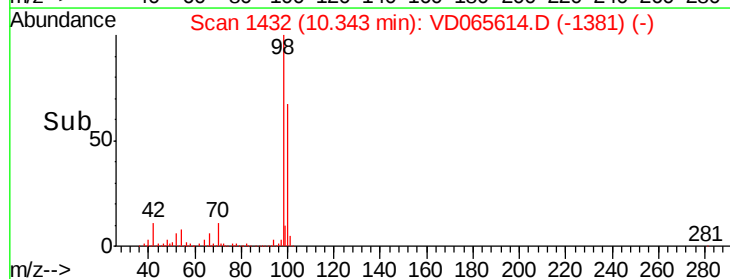
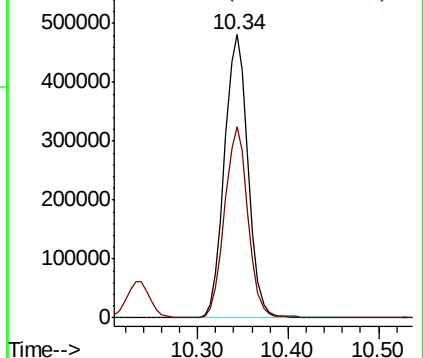
98 100

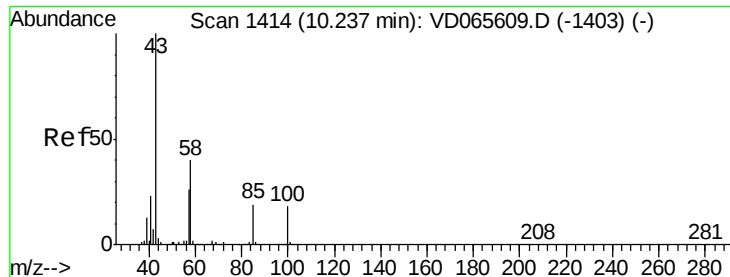
100 67.0 52.6 79.0



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: 241.869 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

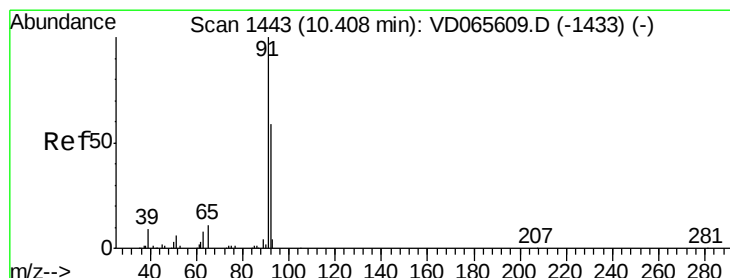
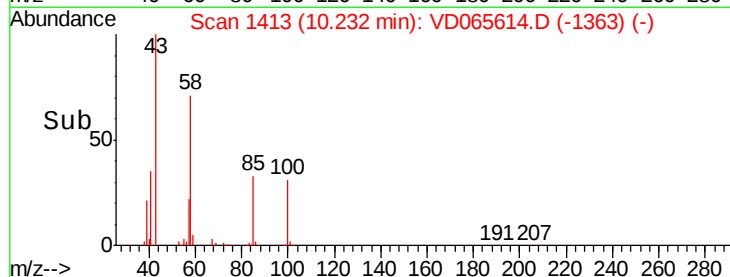
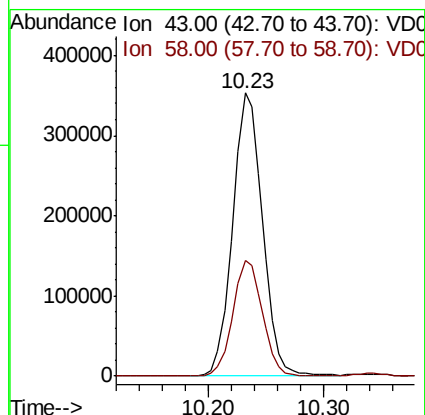
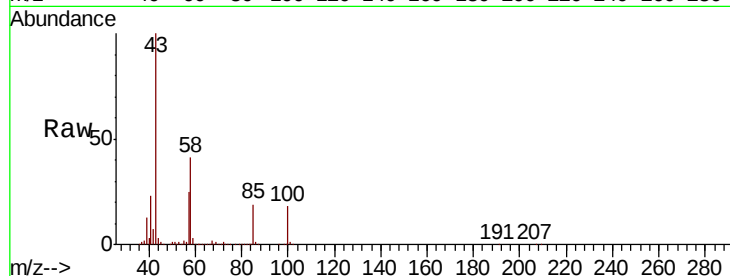
VSTDCCC050

Tot Ion: 43 Resp: 633203

Ion Ratio Lower Upper

43 100

58 40.5 31.4 47.2



#52

Toluene

Concen: 46.950 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065614.D

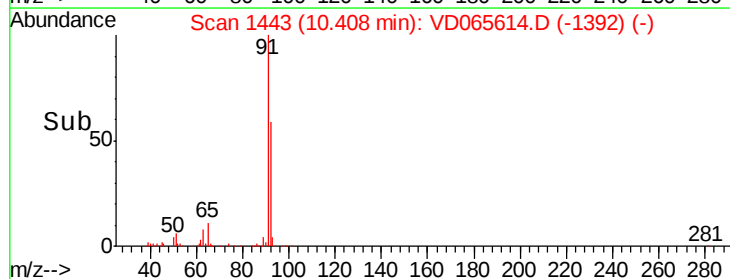
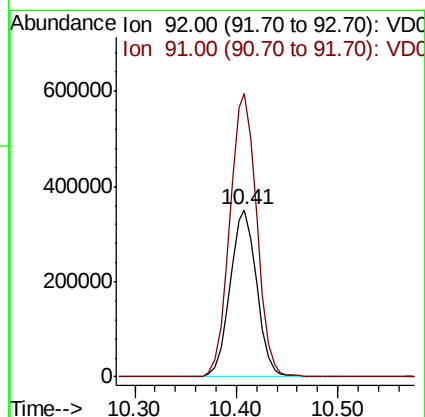
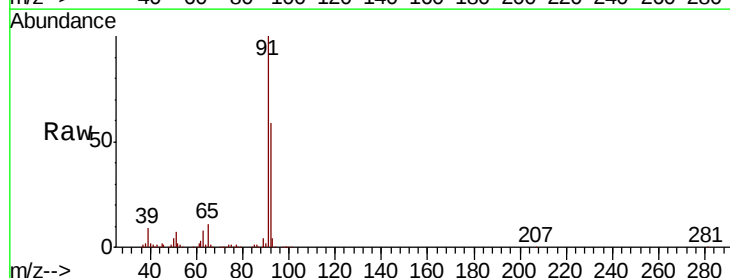
Acq: 13 Apr 2020 13:40

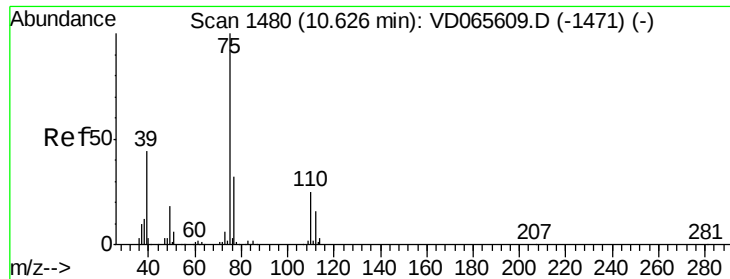
Tgt Ion: 92 Resp: 636041

Ion Ratio Lower Upper

92 100

91 172.5 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 47.404 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

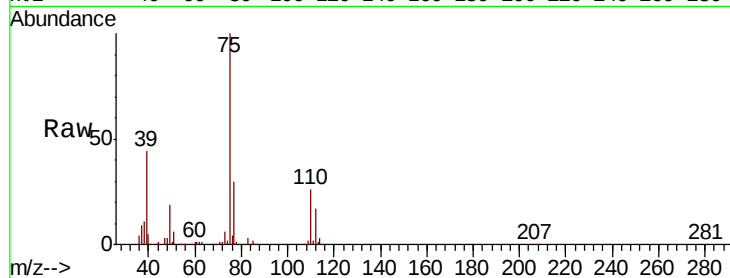
VSTDCCC050

Tot Ion: 75 Resp: 309415

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

200000

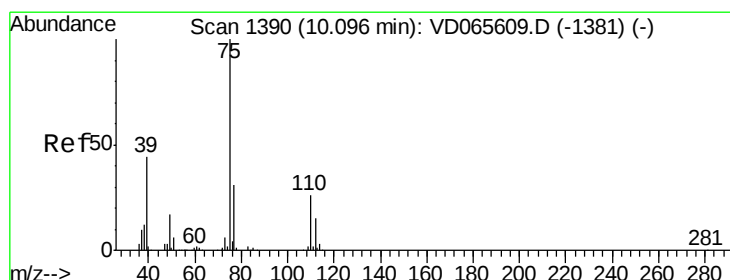
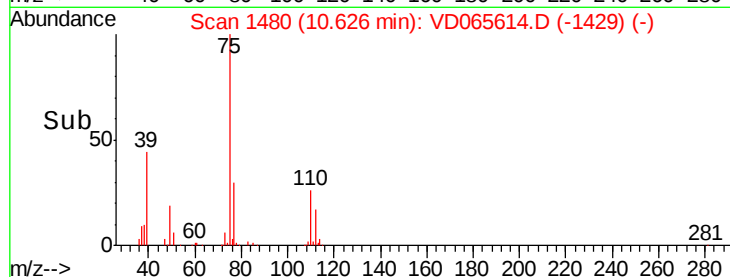
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.657 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

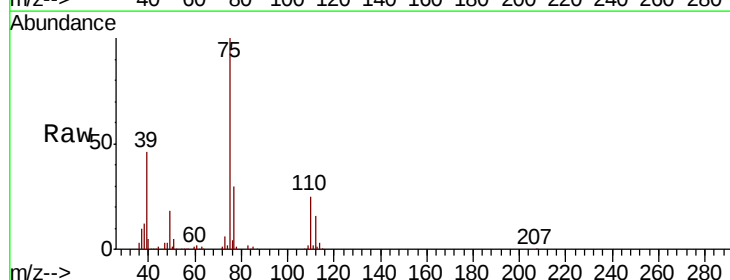
Tgt Ion: 75 Resp: 372878

Ion Ratio Lower Upper

75 100

77 29.8 24.5 36.7

39 45.6 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

250000

200000

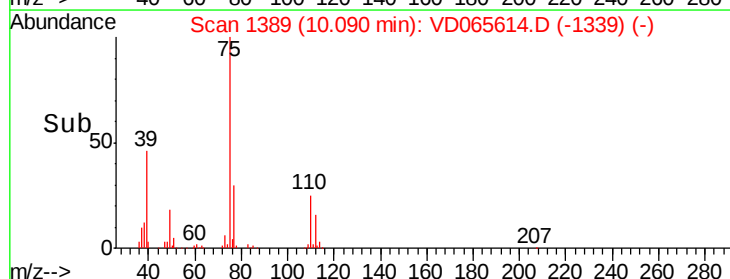
150000

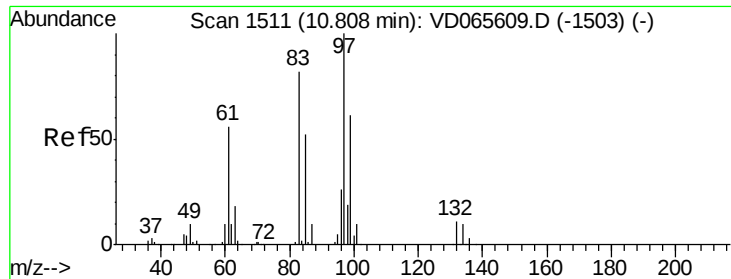
100000

50000

0

Time-->

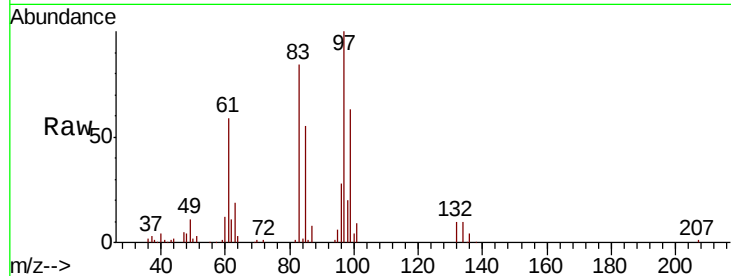




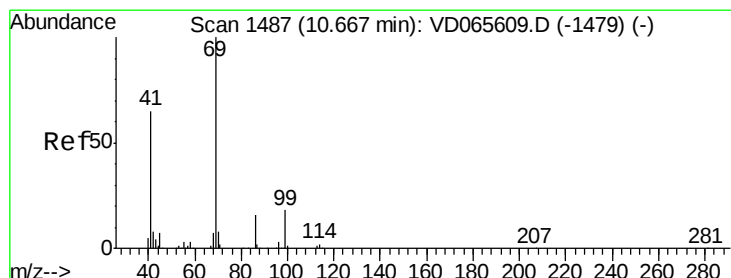
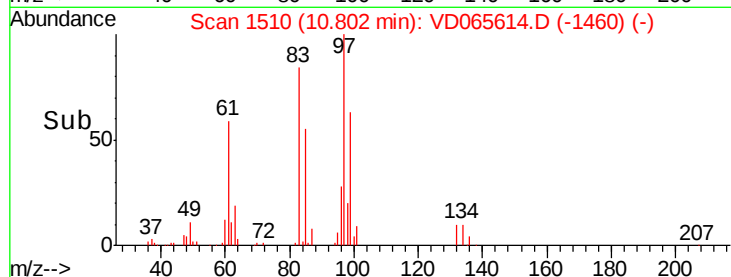
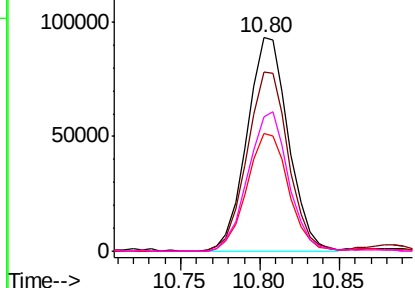
#55
 1,1,2-Trichloroethane
 Concen: 42.849 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	168627
Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.7	98.5
85	55.2	41.6	62.4
99	62.9	48.7	73.1

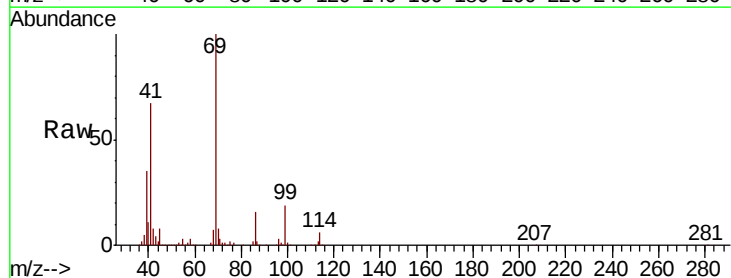


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

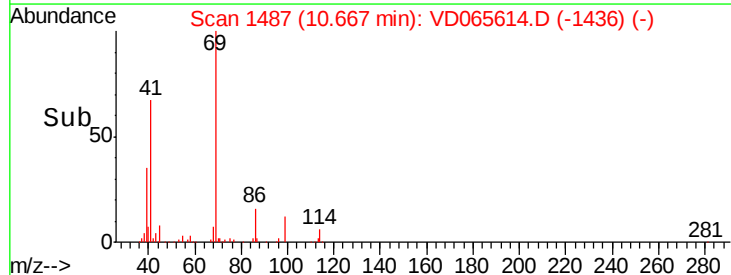
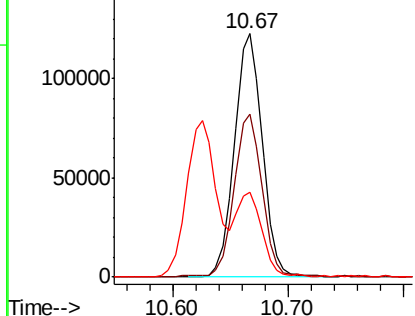


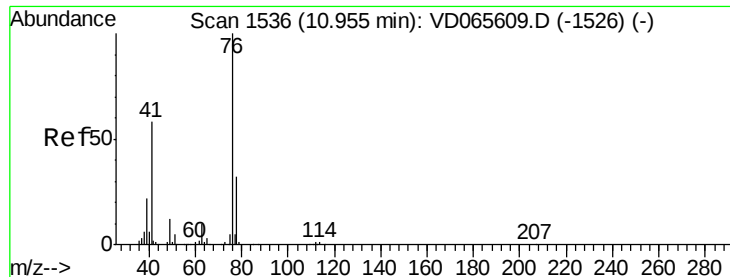
#56
 Ethyl methacrylate
 Concen: 44.212 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Tgt Ion:	69	Resp:	205545
Ion	Ratio	Lower	Upper
69	100		
41	66.0	54.4	81.6
39	31.3	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: 45.053 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

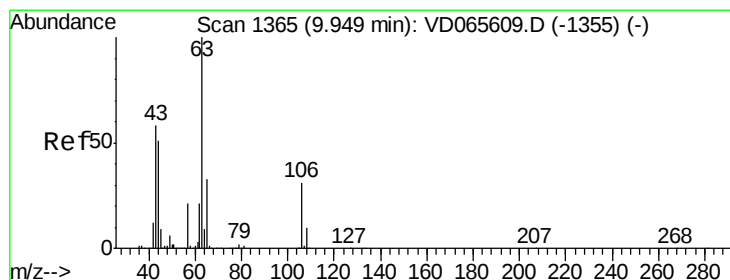
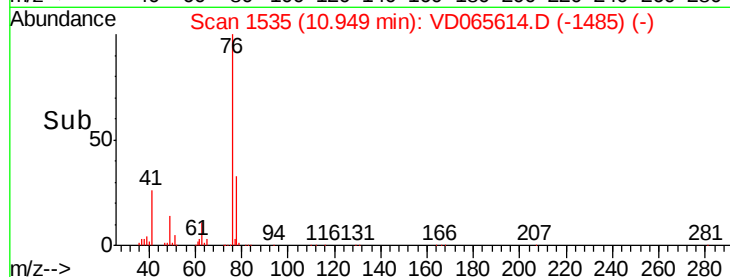
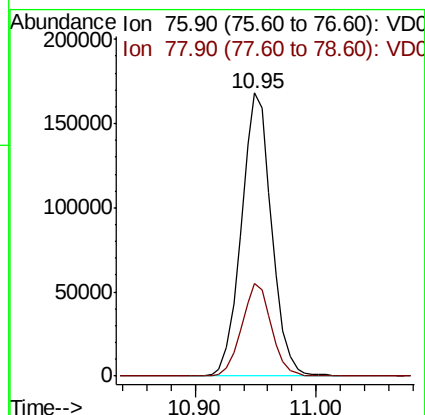
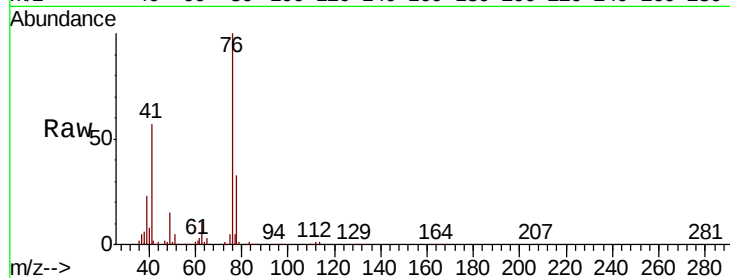
VSTDCCC050

Tot Ion: 76 Resp: 293670

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 253.271 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VD065614.D

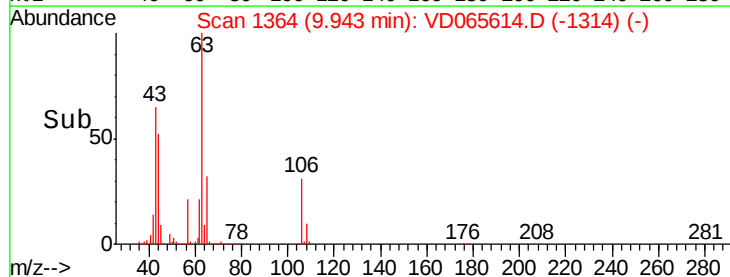
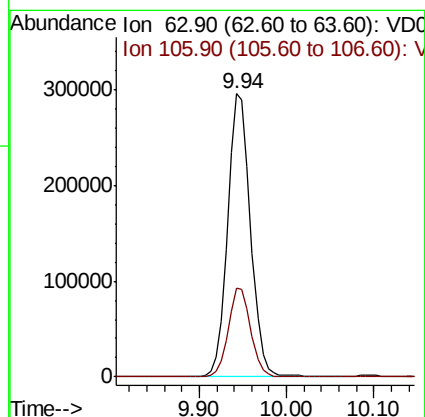
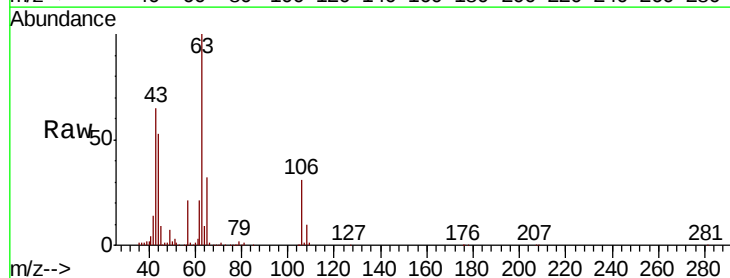
Acq: 13 Apr 2020 13:40

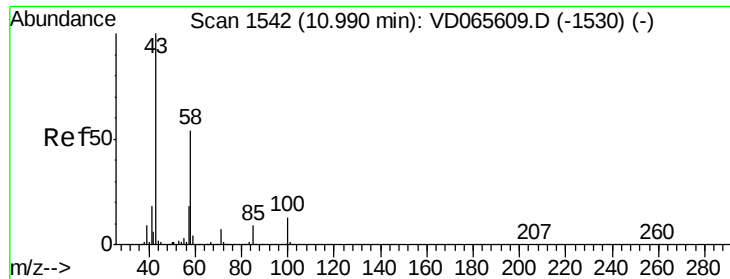
Tgt Ion: 63 Resp: 527906

Ion Ratio Lower Upper

63 100

106 30.9 24.2 36.2

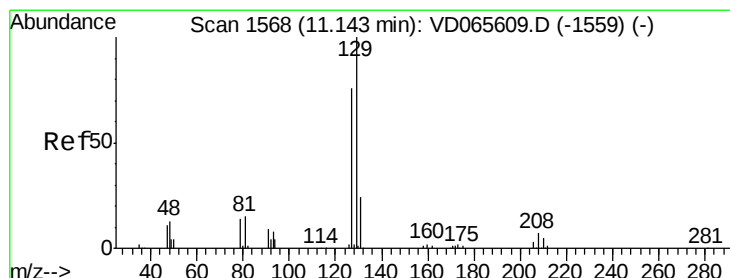
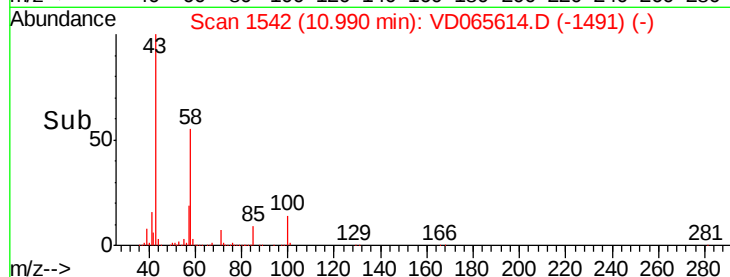
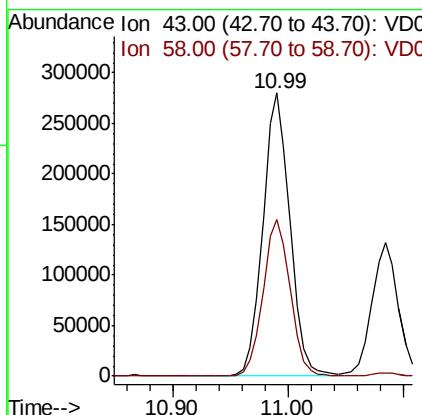
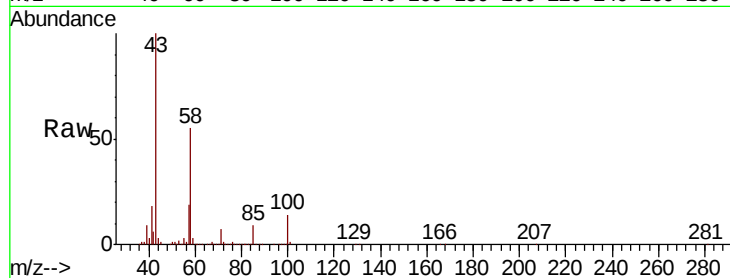




#59
2-Hexanone
Concen: 263.278 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

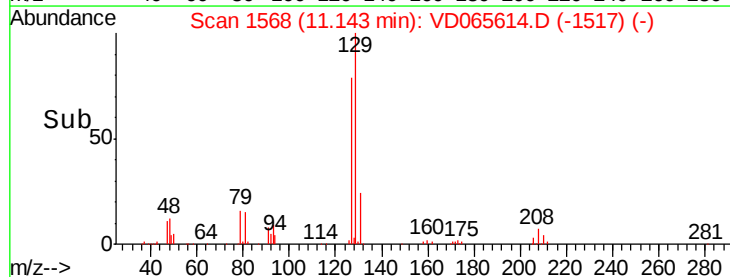
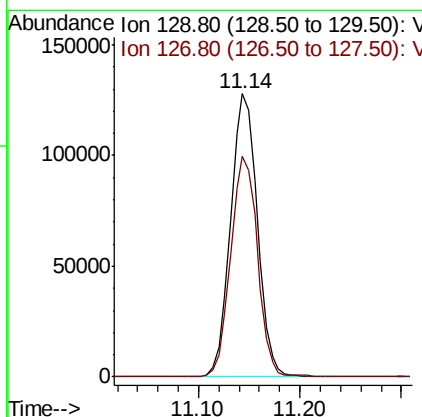
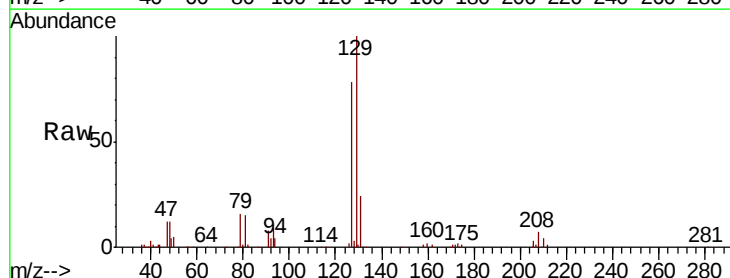
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

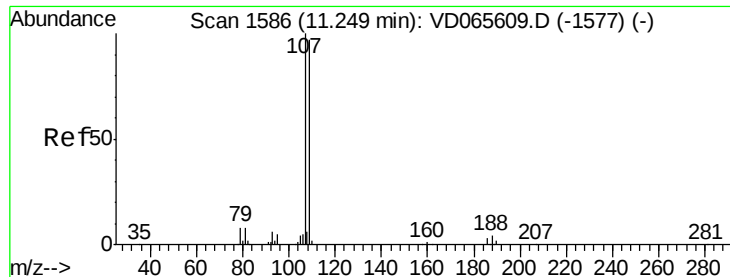
Tot Ion: 43 Resp: 458064
Ion Ratio Lower Upper
43 100
58 55.8 27.1 81.3



#60
Dibromochloromethane
Concen: 44.763 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion: 129 Resp: 234609
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.3

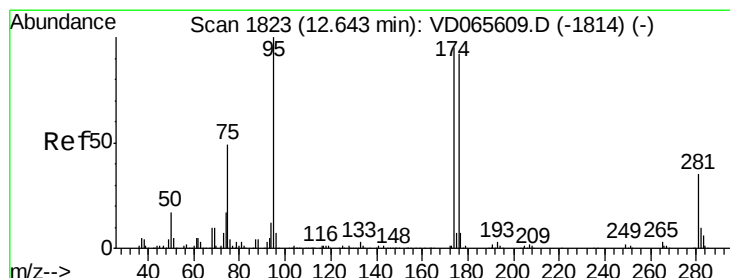
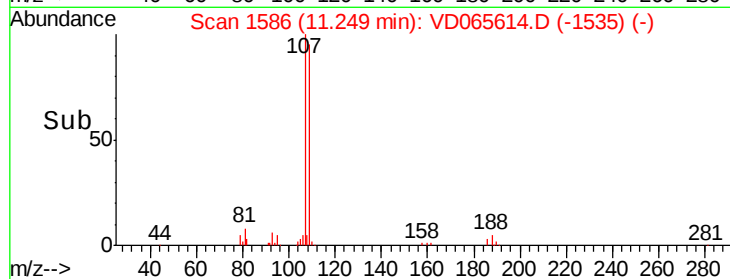
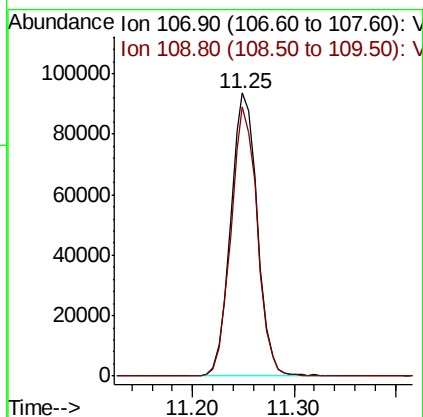
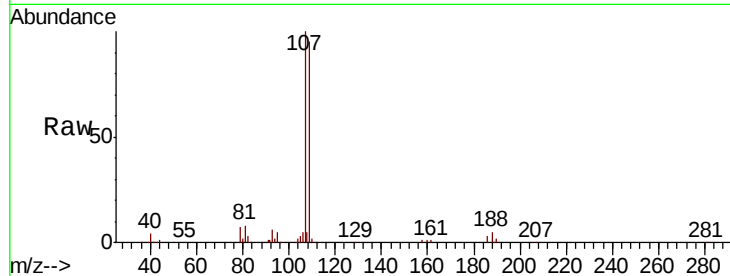




#61
 1,2-Dibromoethane
 Concen: 45.491 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

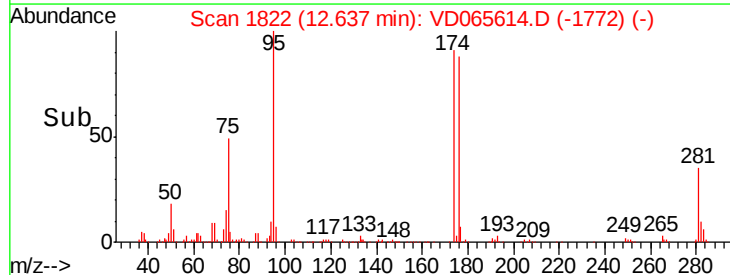
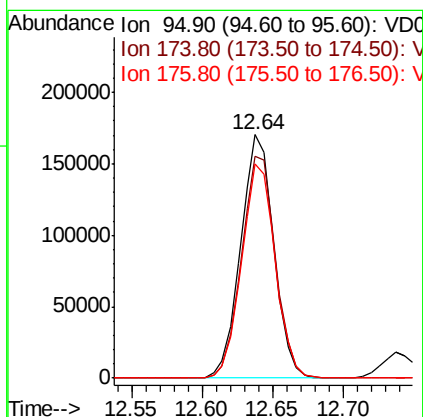
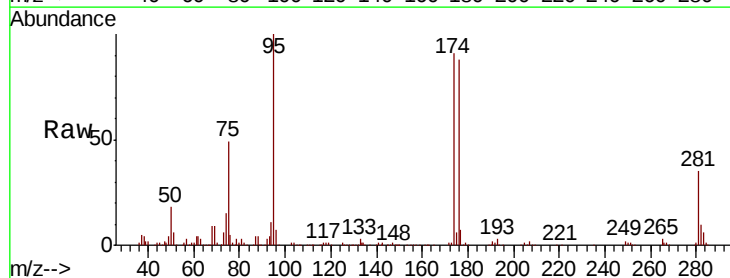
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

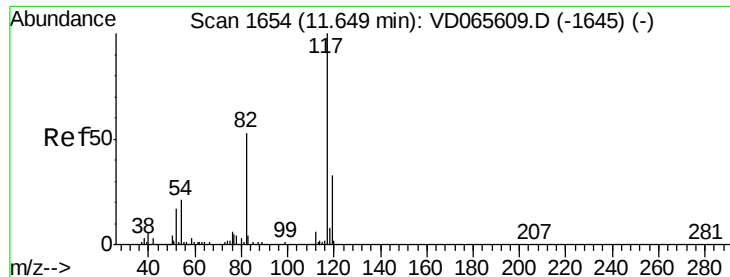
Tot Ion:107 Resp: 170174
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 46.663 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Tgt Ion: 95 Resp: 278647
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 182.8
 176 89.5 0.0 176.6

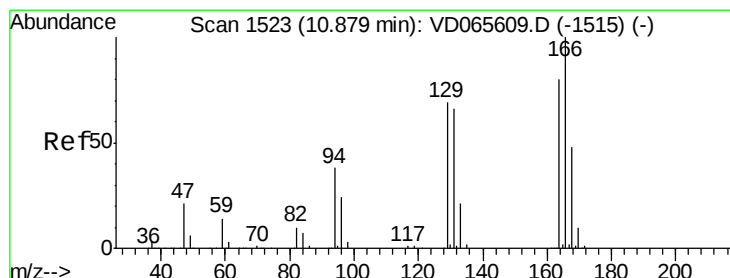
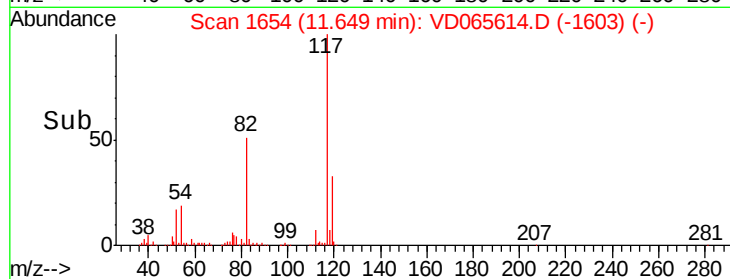
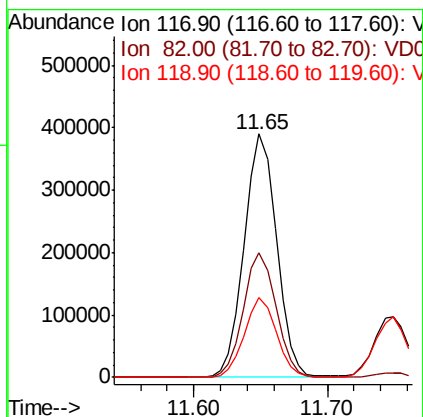
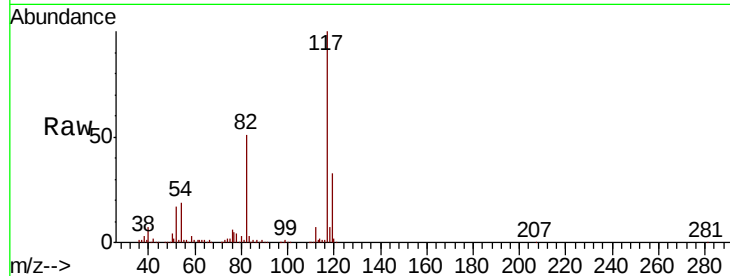




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

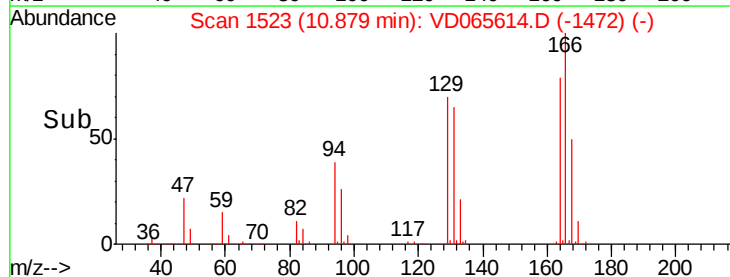
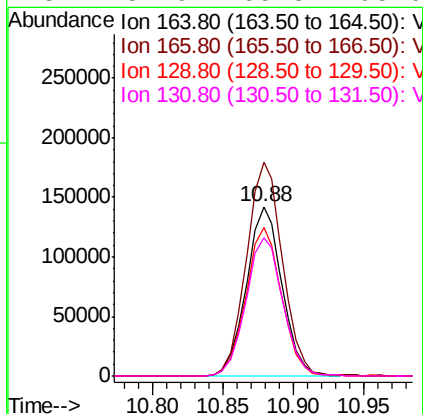
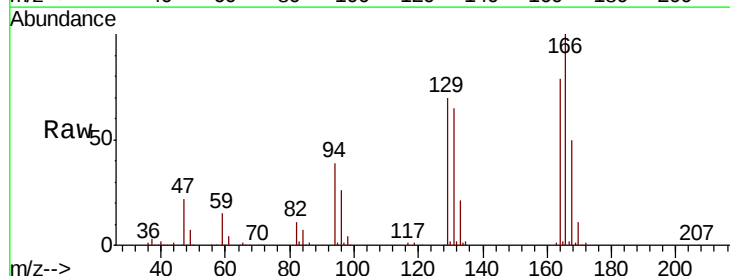
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

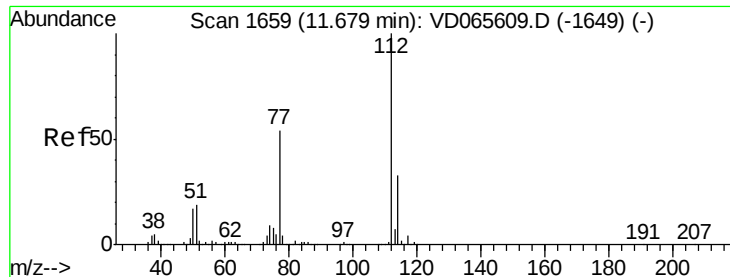
Tot Ion:117 Resp: 658056
Ion Ratio Lower Upper
117 100
82 51.1 42.6 64.0
119 32.6 26.7 40.1



#64
Tetrachloroethene
Concen: 47.880 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion:164 Resp: 250615
Ion Ratio Lower Upper
164 100
166 126.2 100.2 150.2
129 87.9 69.5 104.3
131 81.9 65.8 98.6

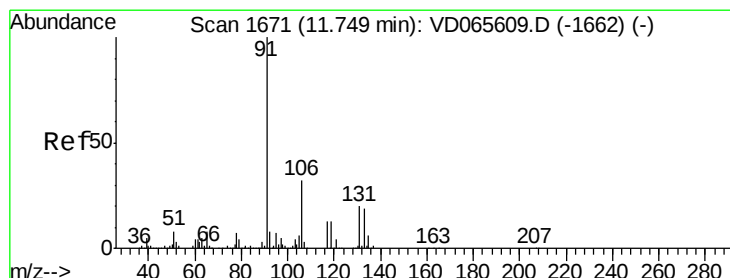
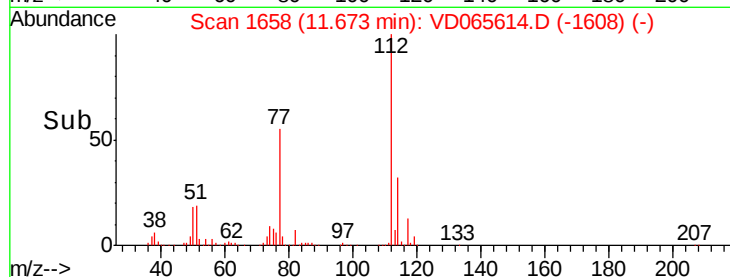
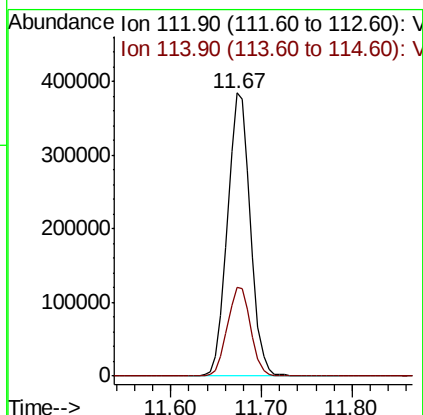
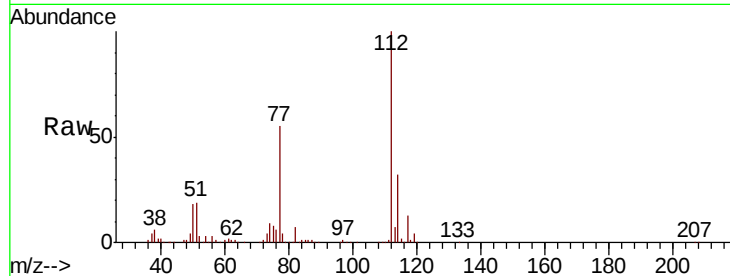




#65
Chlorobenzene
Concen: 47.289 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

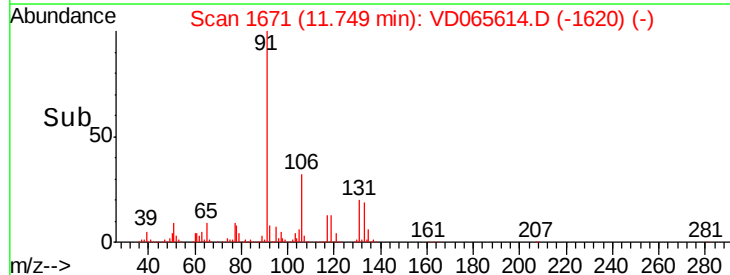
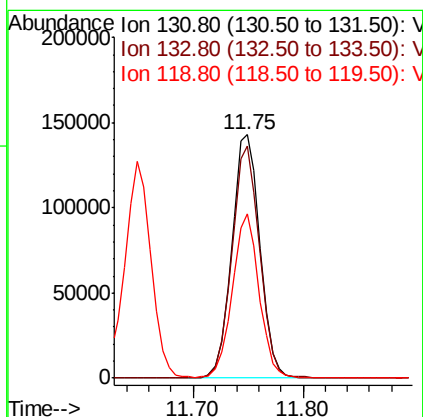
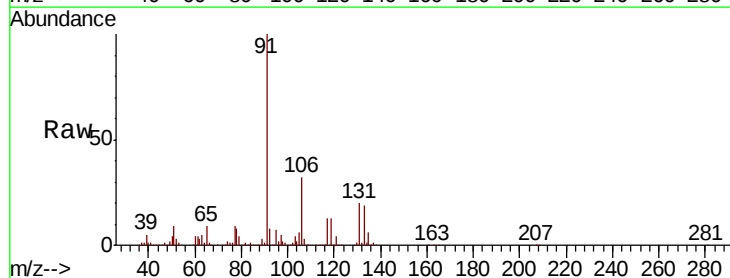
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

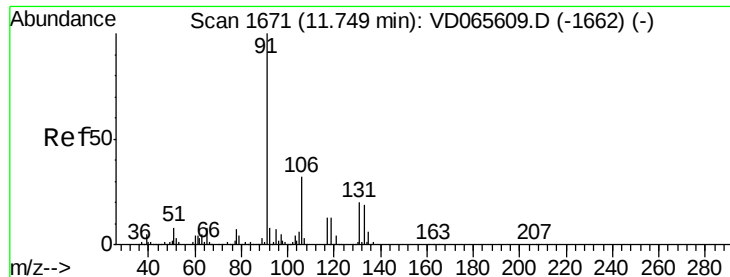
Tot Ion:112 Resp: 673949
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.978 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion:131 Resp: 255047
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 64.4 31.9 95.9





#67

Ethyl Benzene

Concen: 50.771 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

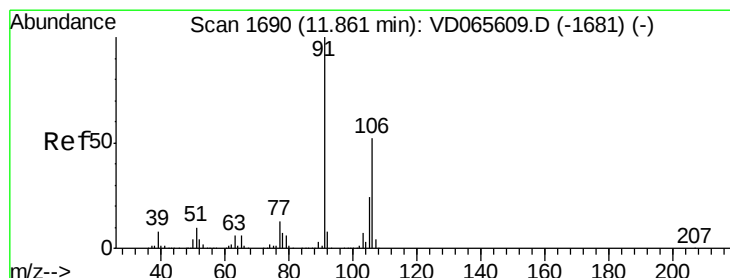
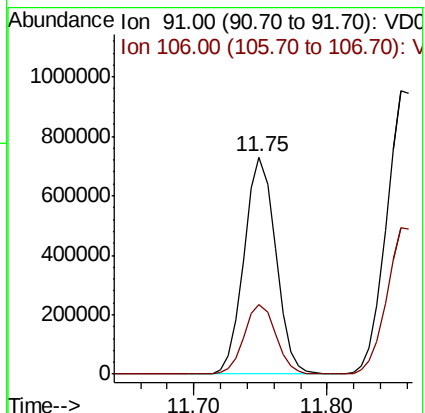
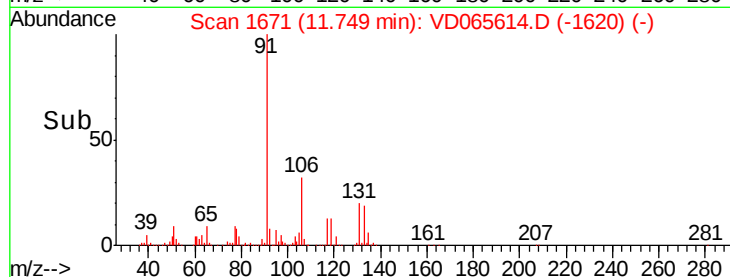
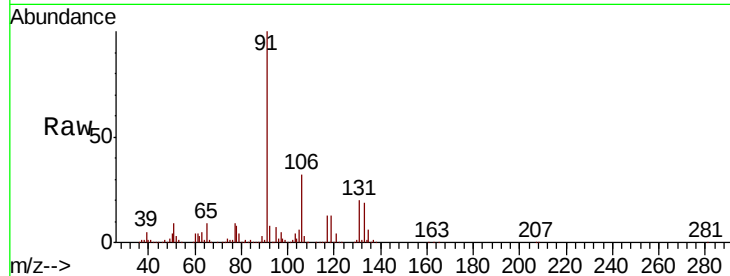
VSTDCCC050

Tot Ion: 91 Resp: 1194821

Ion Ratio Lower Upper

91 100

106 32.3 25.6 38.4



#68

m/p-Xylenes

Concen: 101.048 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD065614.D

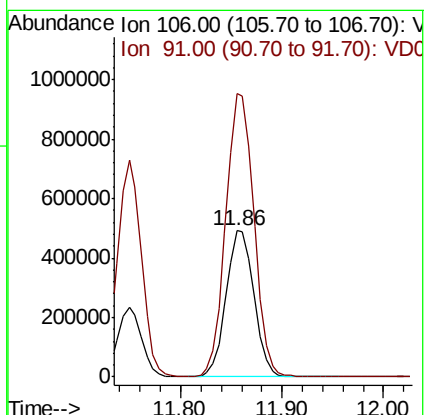
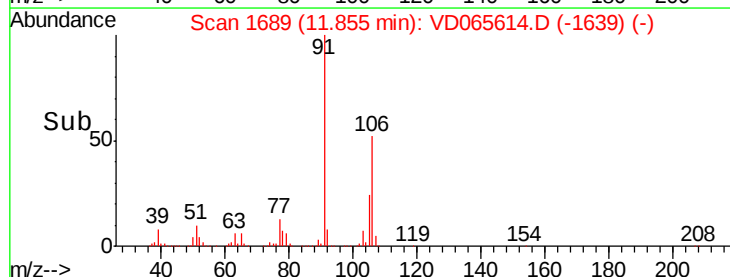
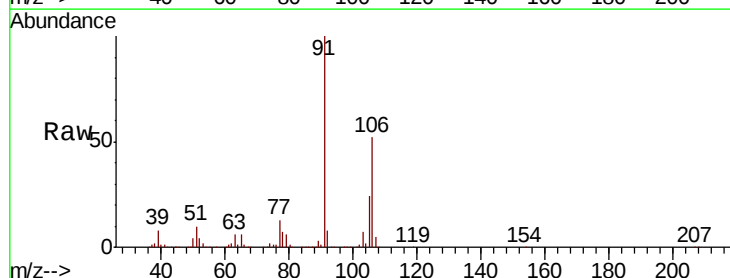
Acq: 13 Apr 2020 13:40

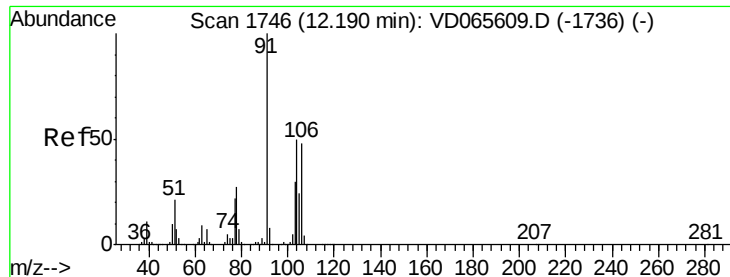
Tgt Ion:106 Resp: 938183

Ion Ratio Lower Upper

106 100

91 195.6 155.0 232.4

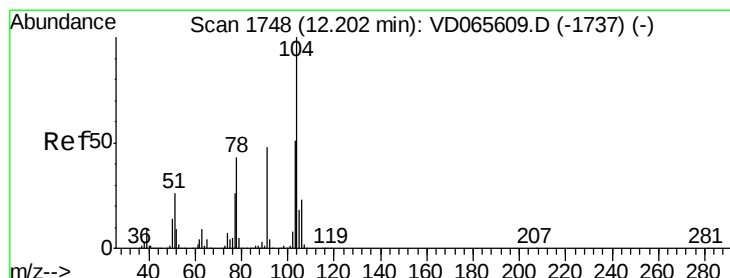
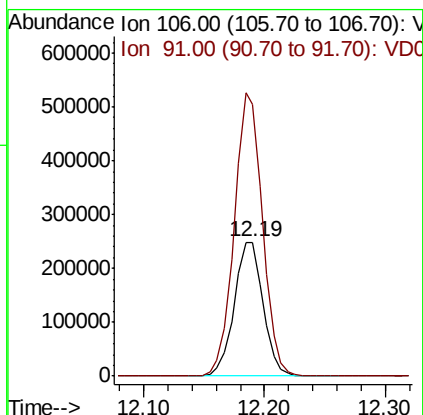
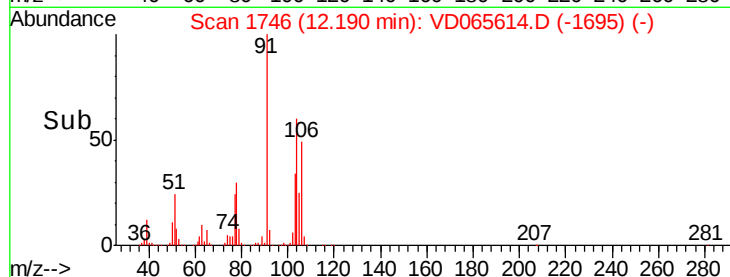
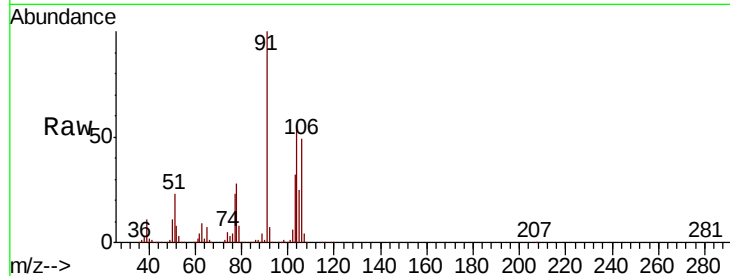




#69
o-Xylene
Concen: 51.786 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

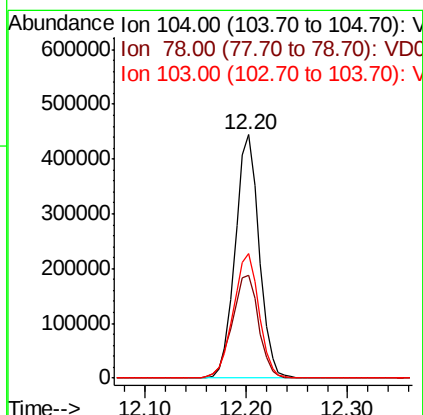
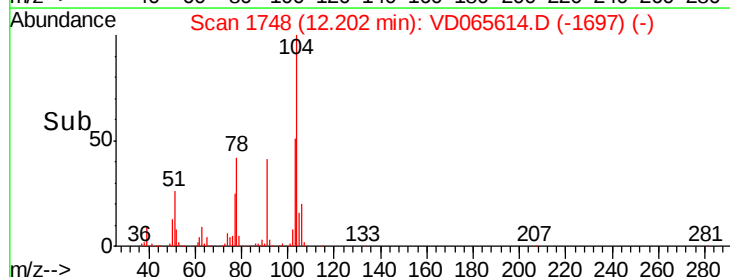
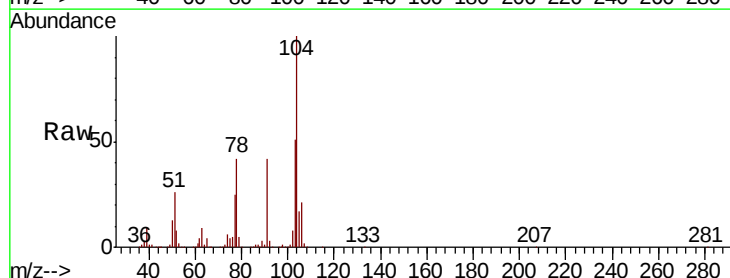
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

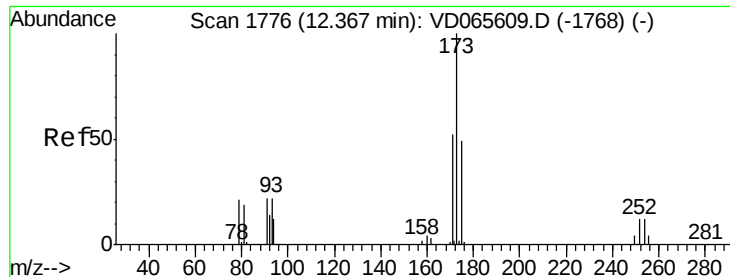
Tot Ion:106 Resp: 414312
Ion Ratio Lower Upper
106 100
91 207.0 103.8 311.3



#70
Styrene
Concen: 51.536 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion:104 Resp: 728952
Ion Ratio Lower Upper
104 100
78 46.9 37.1 55.7
103 55.0 43.2 64.8

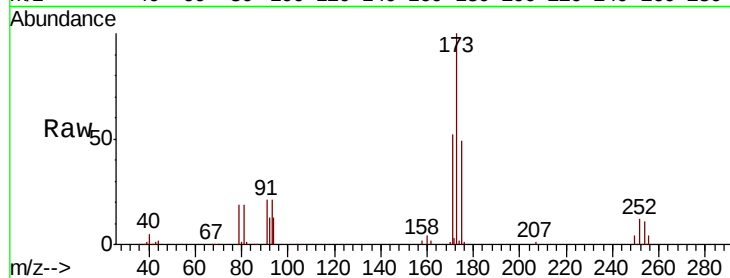




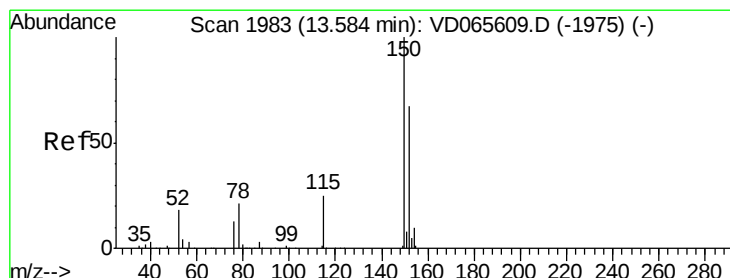
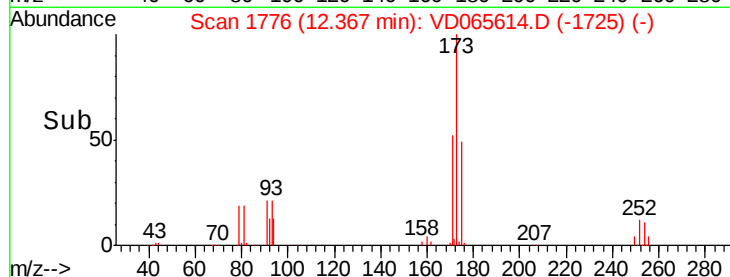
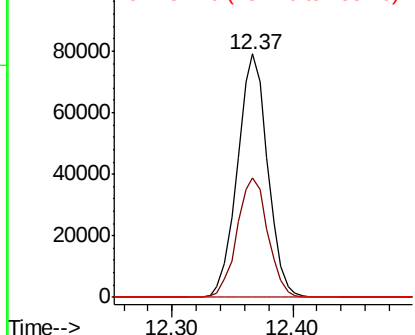
#71
Bromoform
Concen: 45.384 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 138186
Ion Ratio Lower Upper
173 100
175 50.0 24.5 73.5
254 0.1 0.0 0.0#

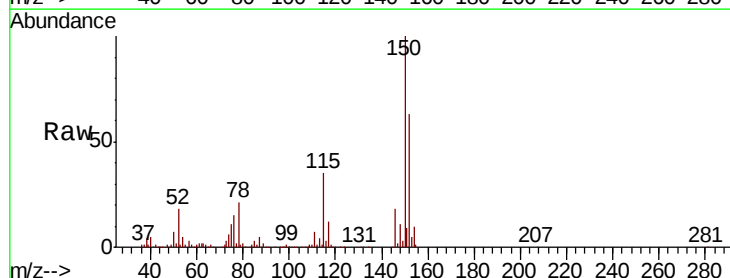


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

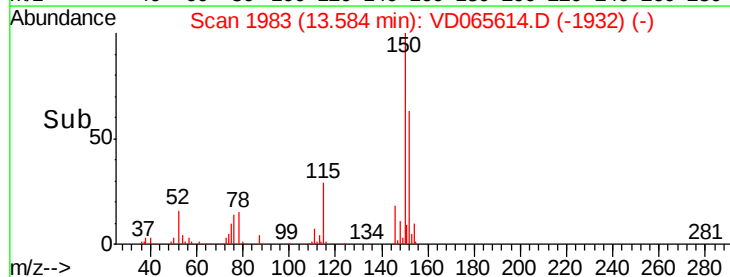
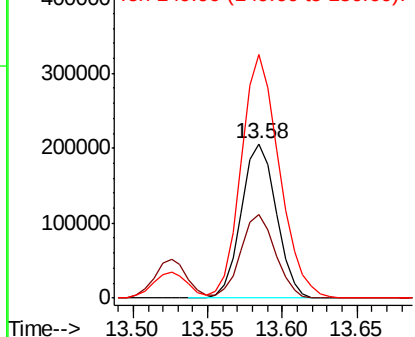


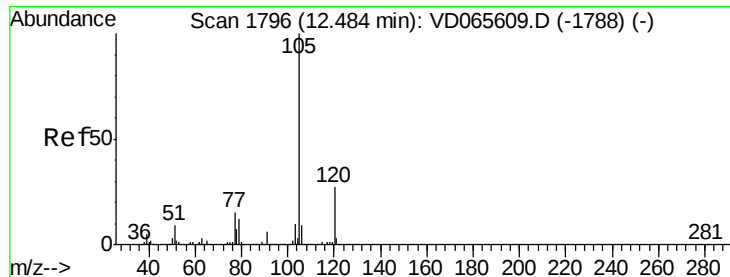
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion:152 Resp: 333604
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.2
150 172.1 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: 54.167 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

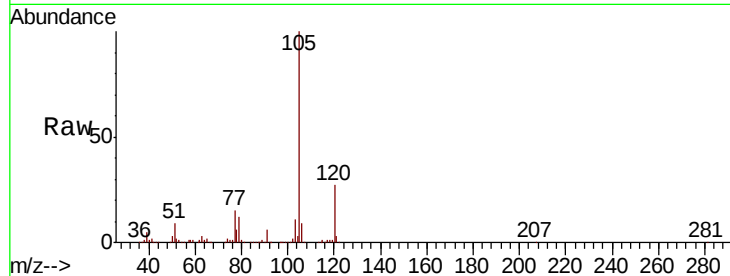
VSTDCCC050

Tot Ion:105 Resp: 1151371

Ion Ratio Lower Upper

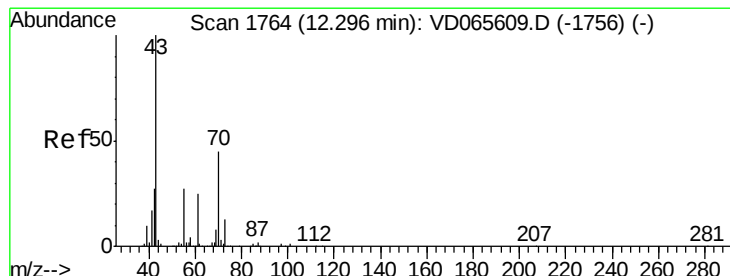
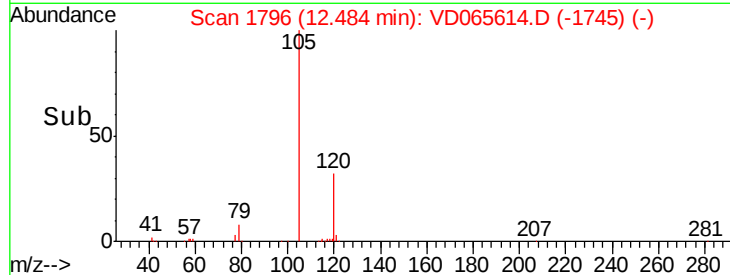
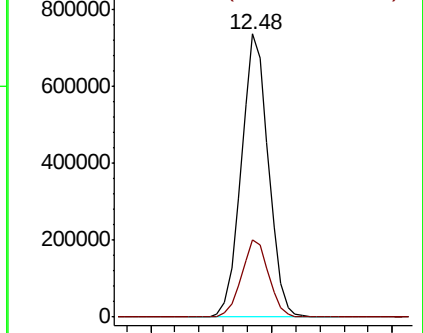
105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.367 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Tgt Ion: 43 Resp: 217254

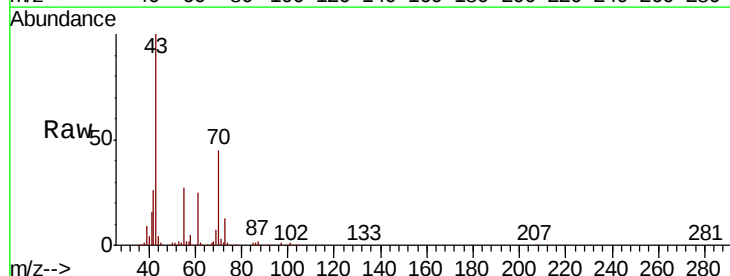
Ion Ratio Lower Upper

43 100

70 45.2 35.2 52.8

55 27.9 22.5 33.7

61 25.0 19.4 29.0

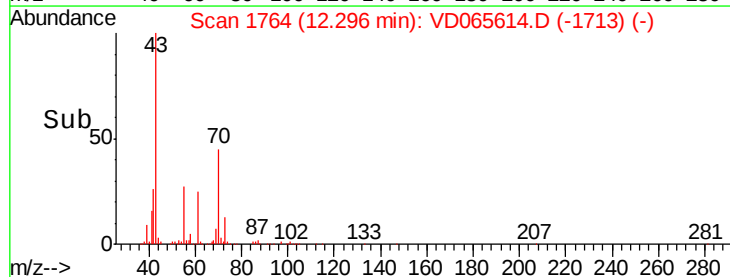
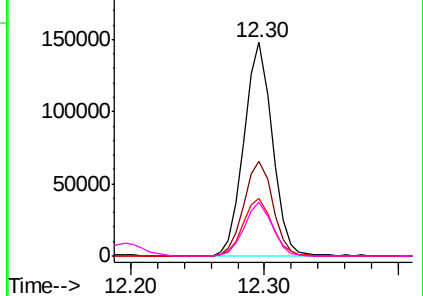


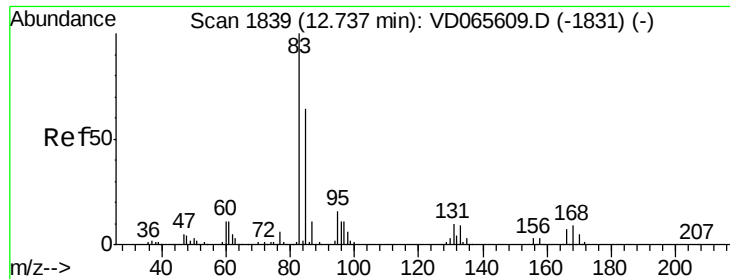
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 46.328 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

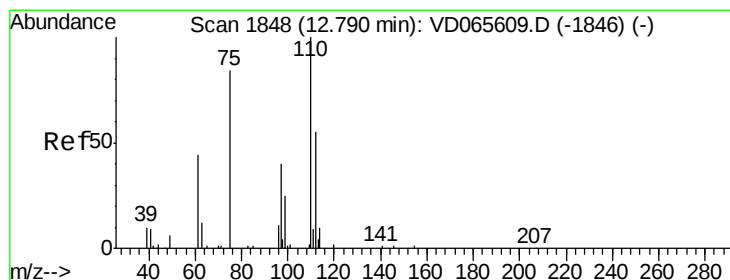
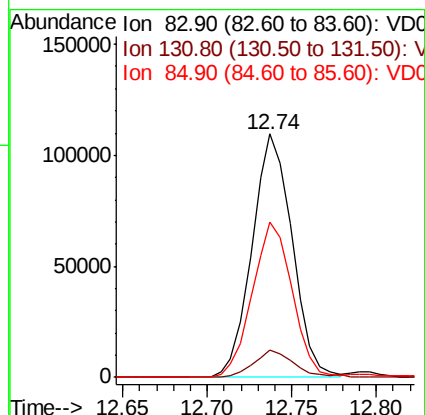
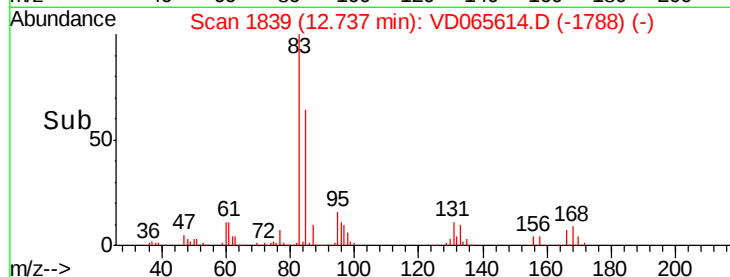
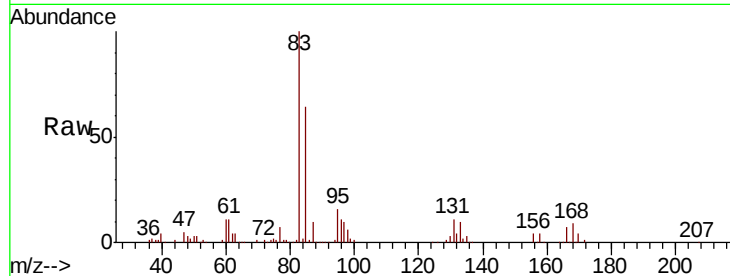
Tot Ion: 83 Resp: 181023

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

85 63.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.523 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065614.D

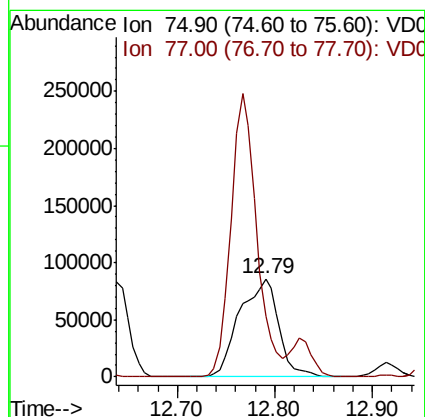
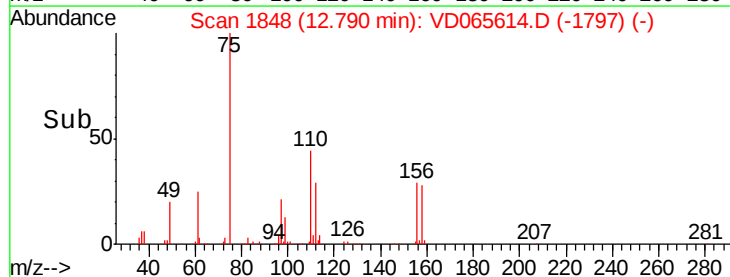
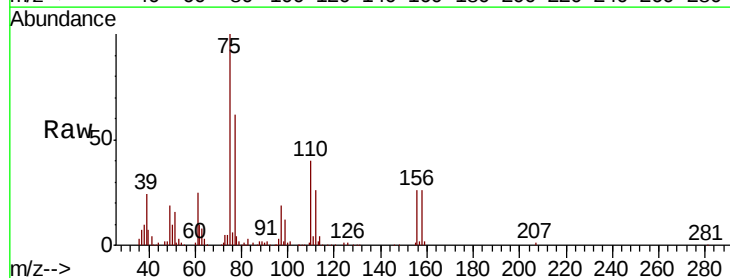
Acq: 13 Apr 2020 13:40

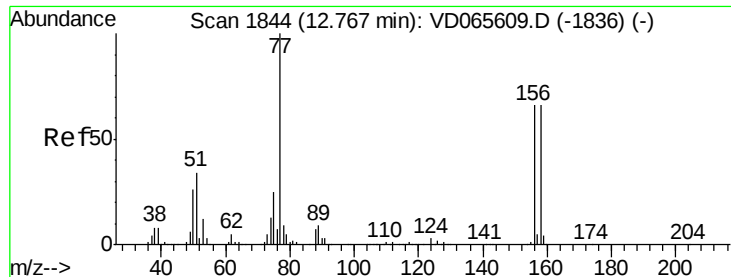
Tgt Ion: 75 Resp: 239527

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

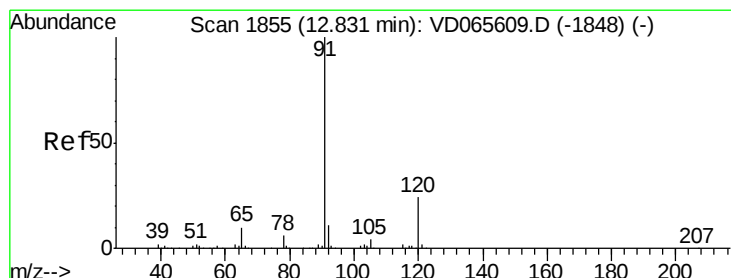
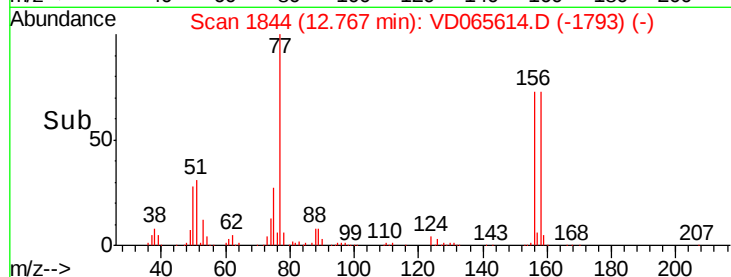
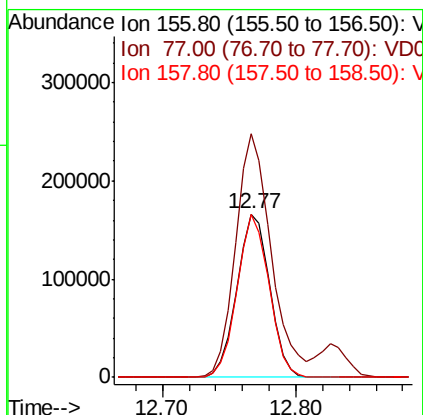
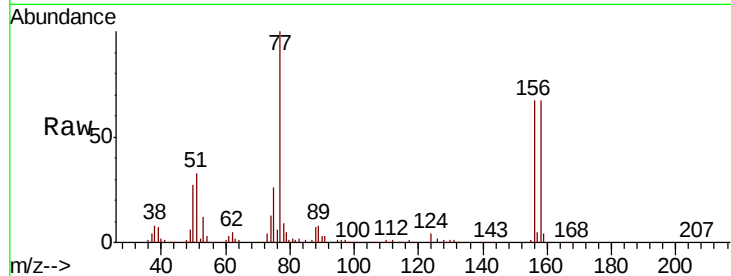




#77
Bromobenzene
Concen: 48.333 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

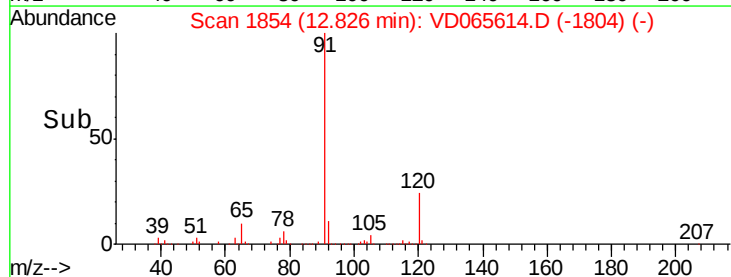
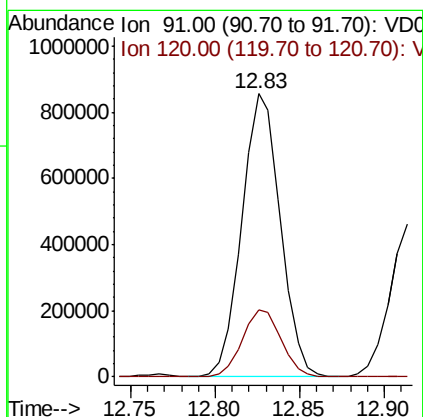
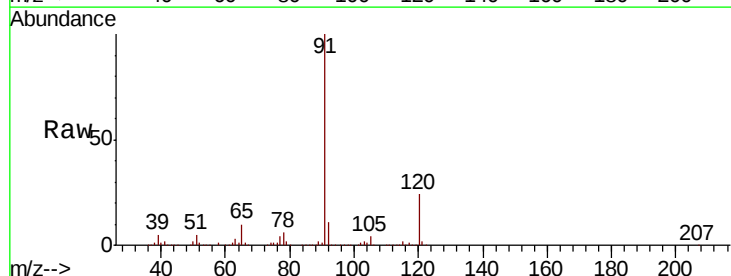
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

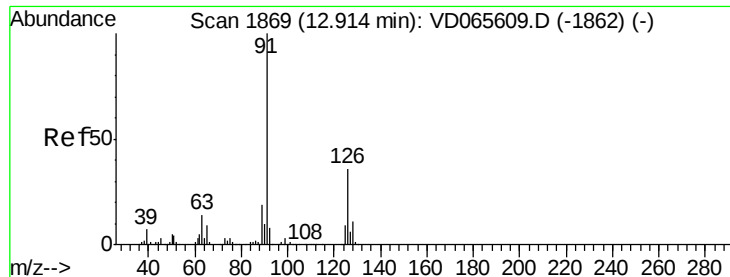
Tot Ion:156 Resp: 281656
Ion Ratio Lower Upper
156 100
77 162.3 80.3 240.9
158 97.4 48.5 145.5



#78
n-propylbenzene
Concen: 52.840 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion: 91 Resp: 1355536
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5

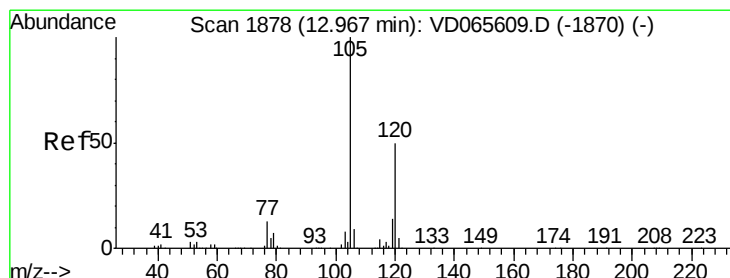
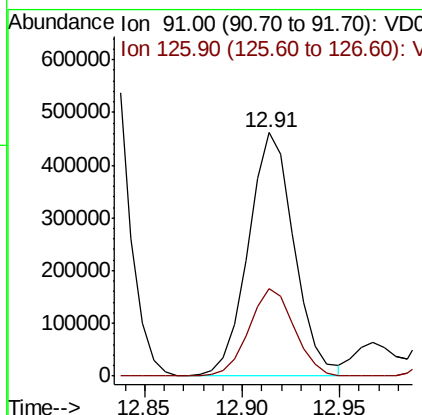
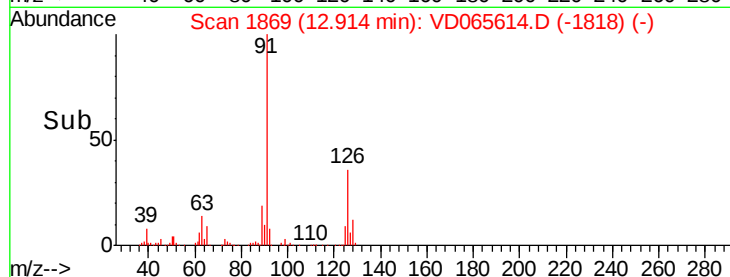
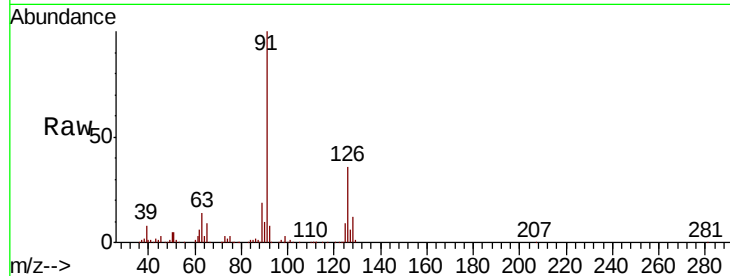




#79
 2-Chlorotoluene
 Concen: 50.853 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

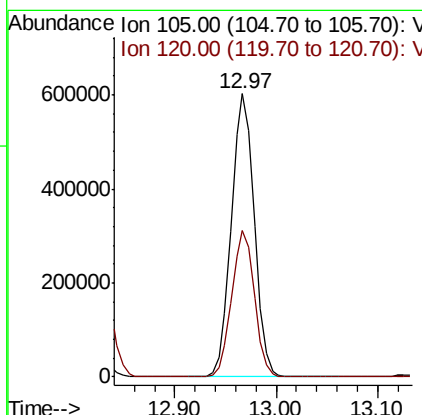
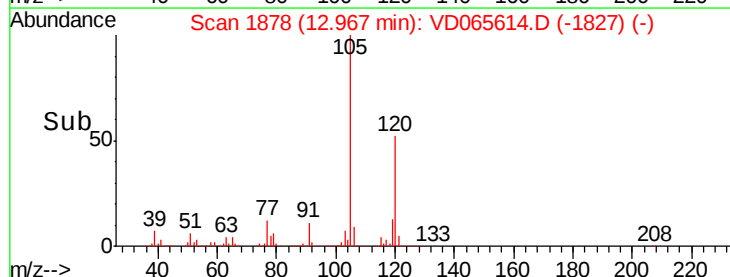
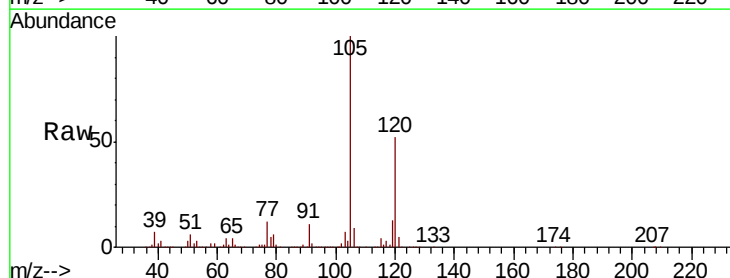
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

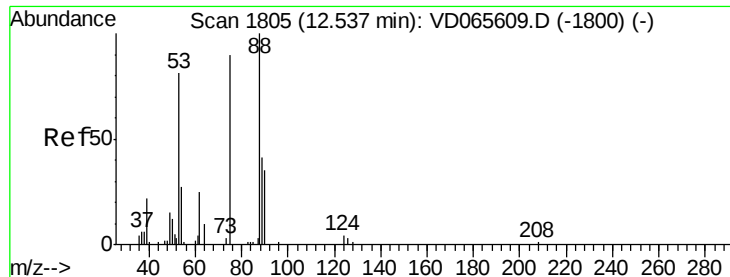
Tot Ion: 91 Resp: 747661
 Ion Ratio Lower Upper
 91 100
 126 35.7 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.735 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Tgt Ion: 105 Resp: 944770
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.467 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

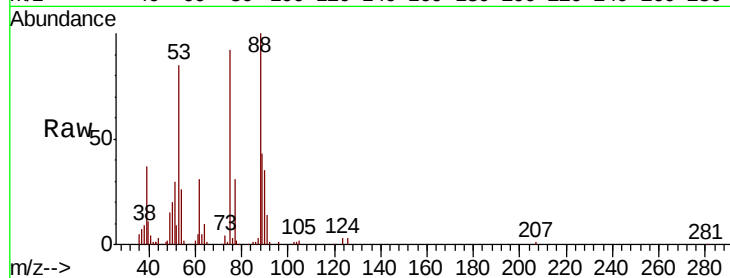
Tot Ion: 75 Resp: 59448

Ion Ratio Lower Upper

75 100

53 94.0 73.8 110.8

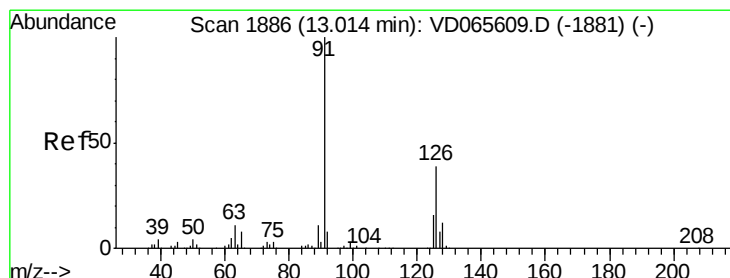
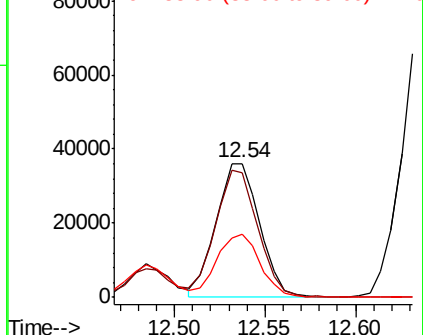
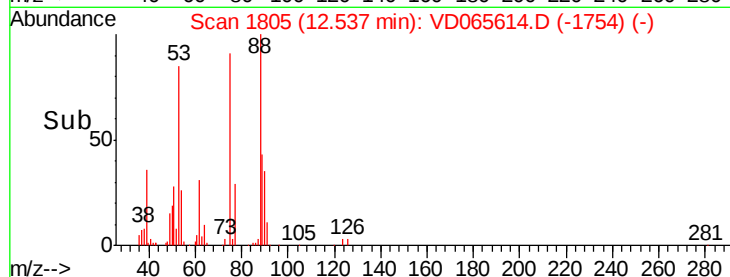
89 47.3 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 49.745 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065614.D

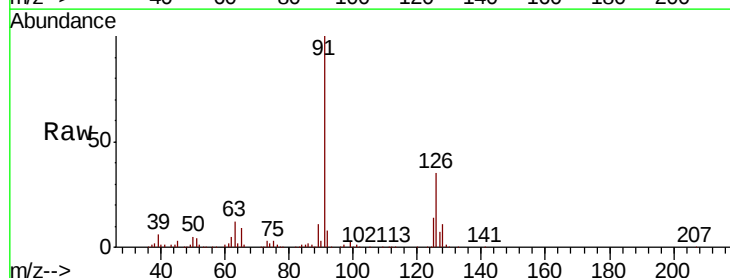
Acq: 13 Apr 2020 13:40

Tgt Ion: 91 Resp: 787185

Ion Ratio Lower Upper

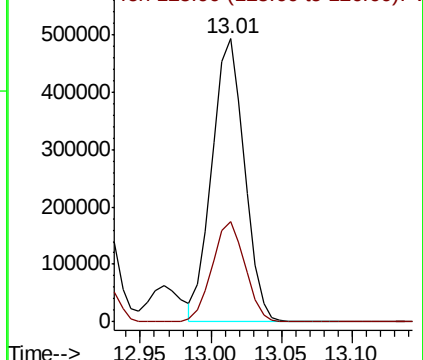
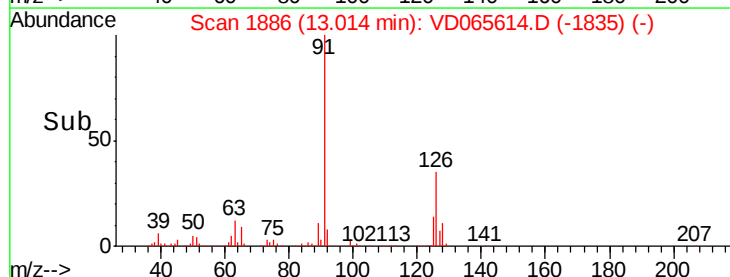
91 100

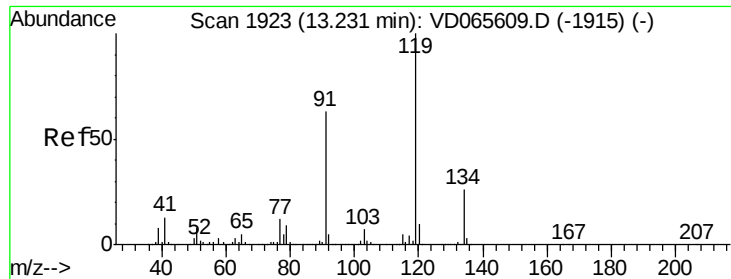
126 36.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC

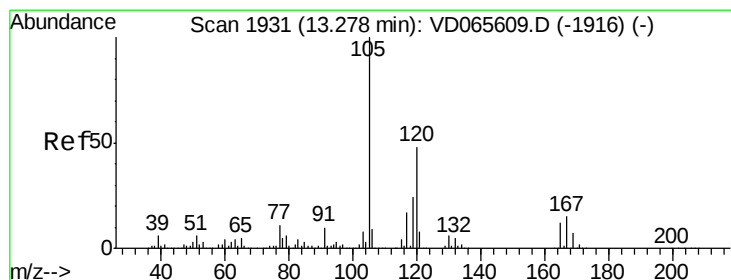
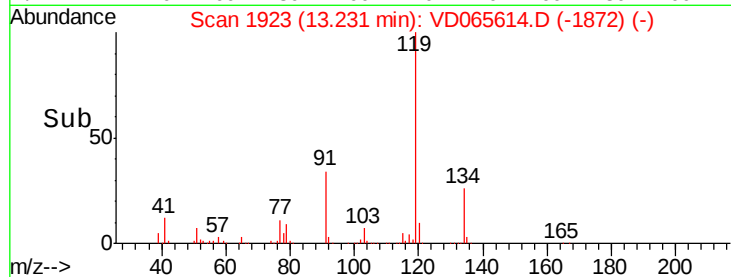
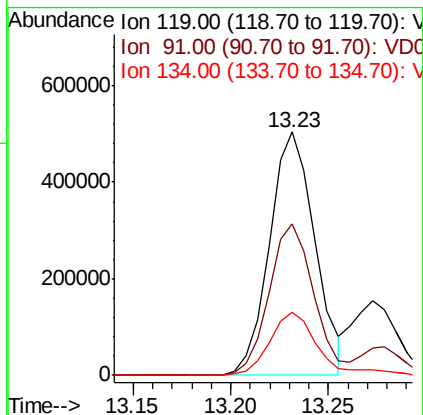
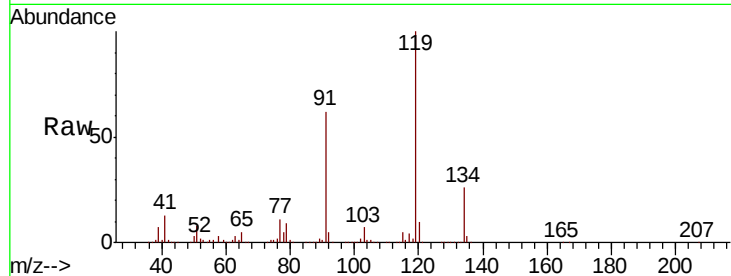




#83
tert-Butylbenzene
Concen: 54.153 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

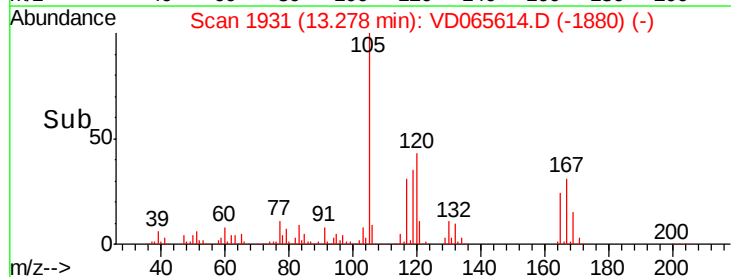
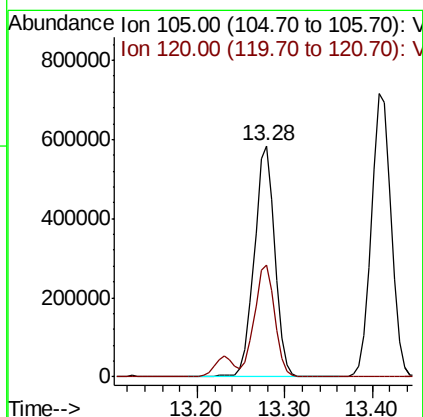
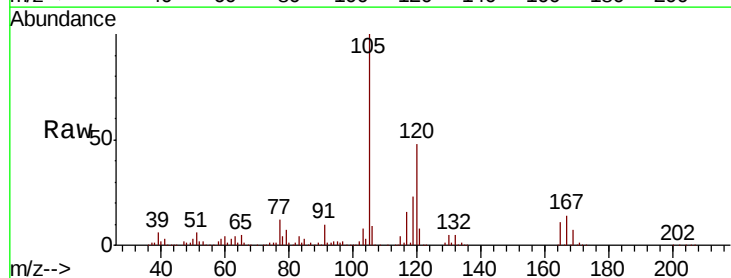
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

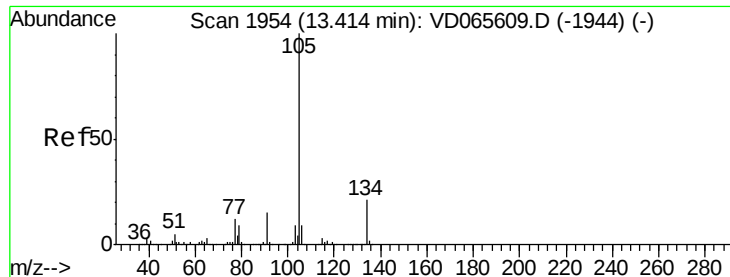
Tot Ion:119 Resp: 811246
Ion Ratio Lower Upper
119 100
91 62.0 30.4 91.2
134 27.6 13.7 41.0



#84
1,2,4-Trimethylbenzene
Concen: 52.194 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion:105 Resp: 929217
Ion Ratio Lower Upper
105 100
120 47.9 23.5 70.6





#85

sec-Butylbenzene

Concen: 53.049 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

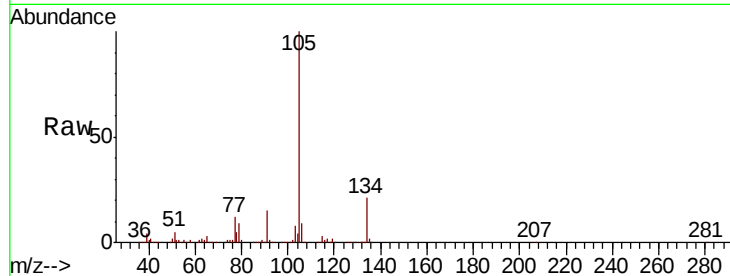
VSTDCCC050

Tot Ion:105 Resp: 1130818

Ion Ratio Lower Upper

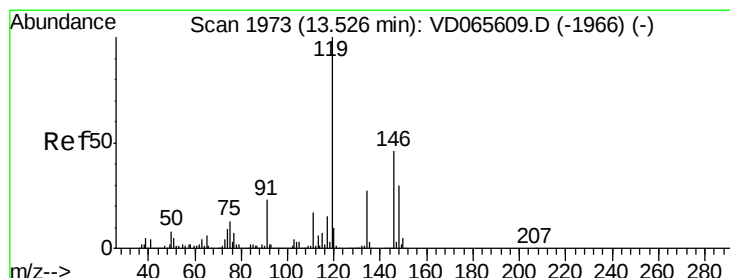
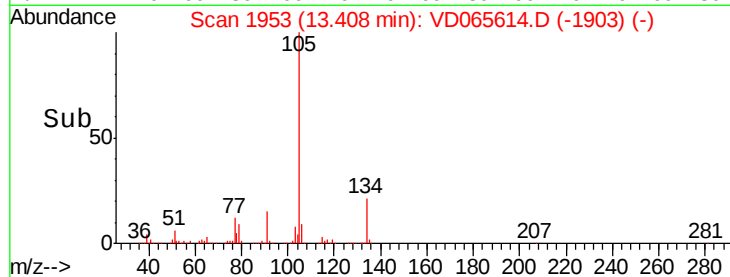
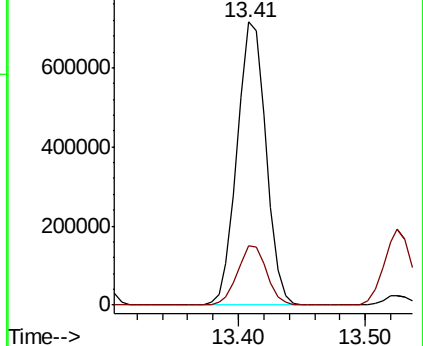
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.357 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

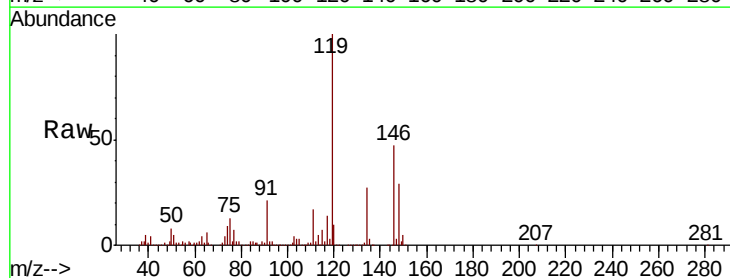
Tgt Ion:119 Resp: 1069272

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

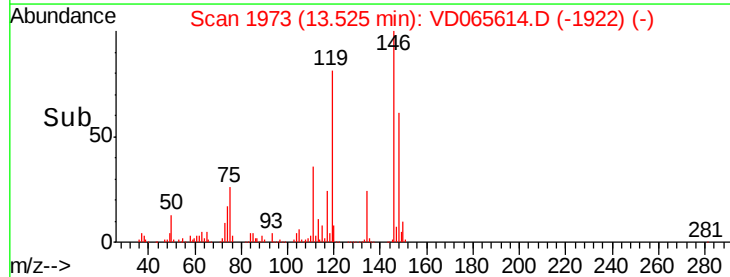
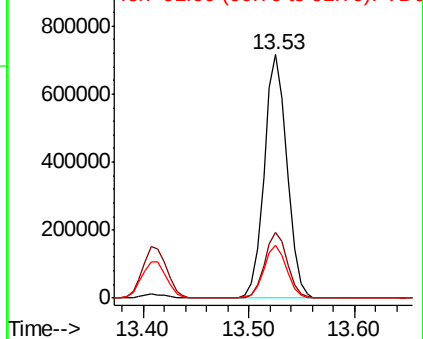
91 21.6 11.1 33.1

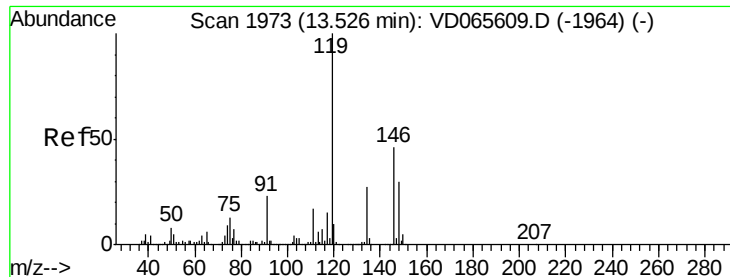


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.436 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

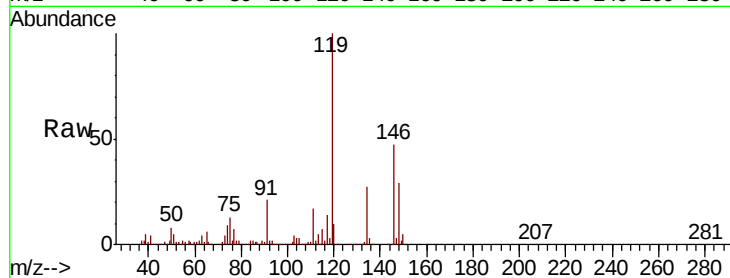
Tot Ion:146 Resp: 533068

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

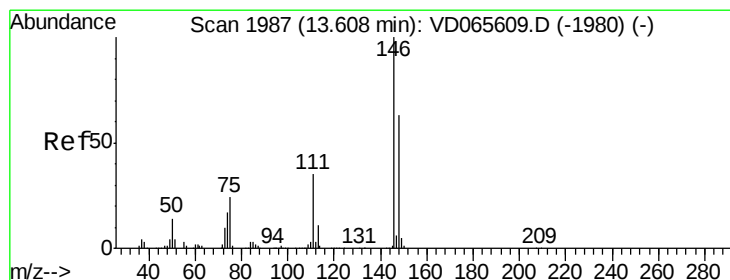
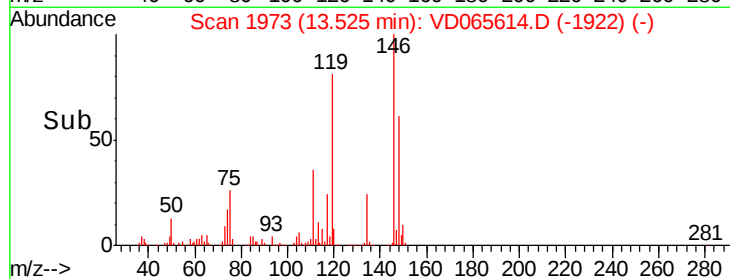
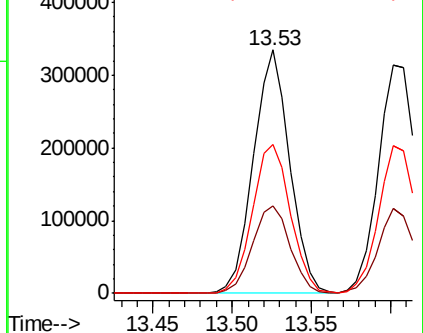
148 63.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.976 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

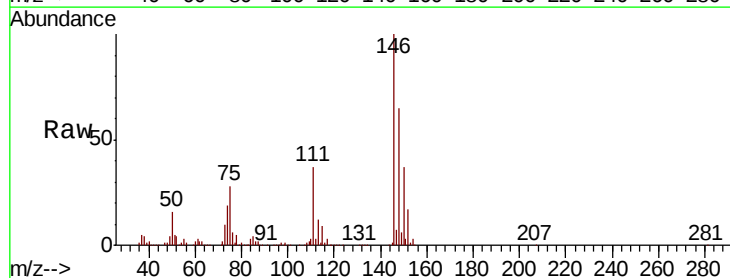
Tgt Ion:146 Resp: 527267

Ion Ratio Lower Upper

146 100

111 35.9 18.0 54.0

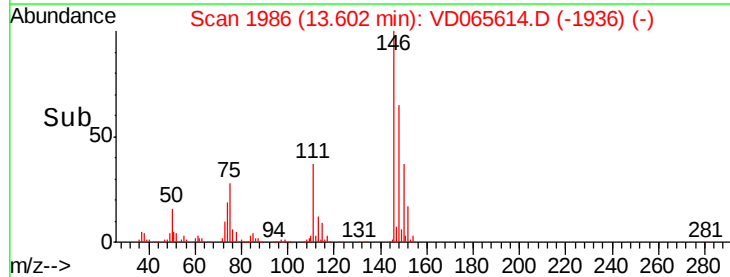
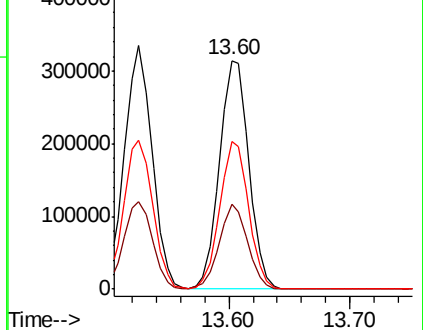
148 63.6 31.8 95.4

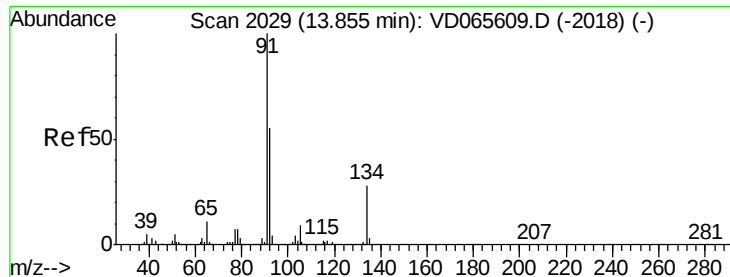


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

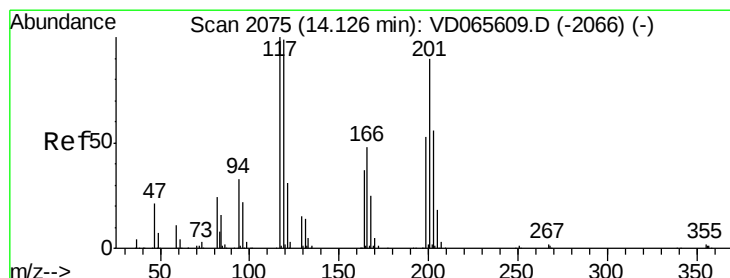
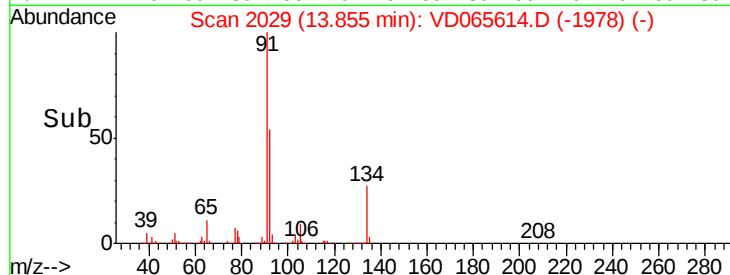
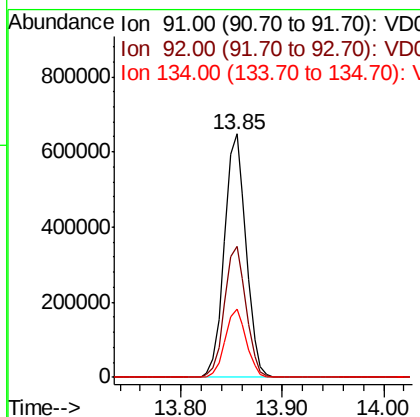
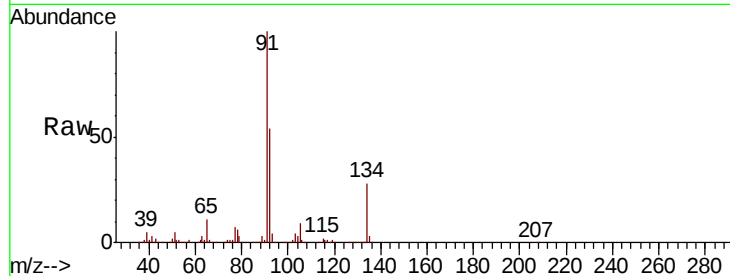




#89
n-Butylbenzene
Concen: 53.876 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

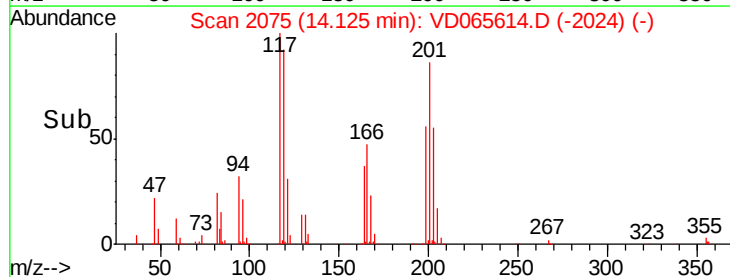
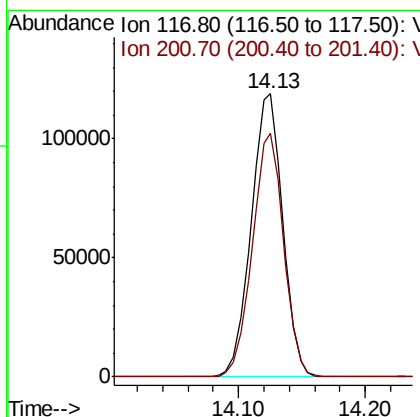
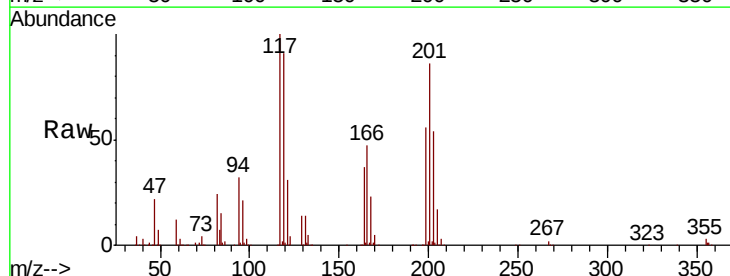
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

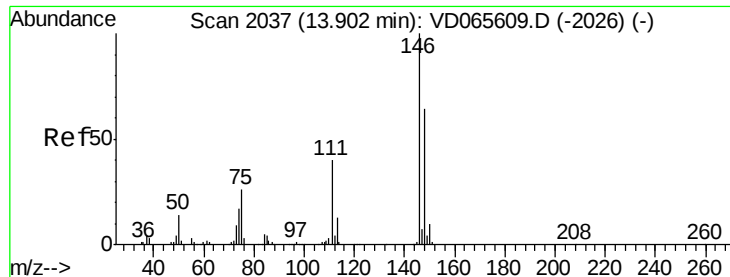
Tot Ion: 91 Resp: 956436
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 27.6 13.9 41.7



#90
Hexachloroethane
Concen: 48.002 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. -0.00 min
Lab File: VD065614.D
Acq: 13 Apr 2020 13:40

Tgt Ion: 117 Resp: 205989
Ion Ratio Lower Upper
117 100
201 85.2 43.9 131.7

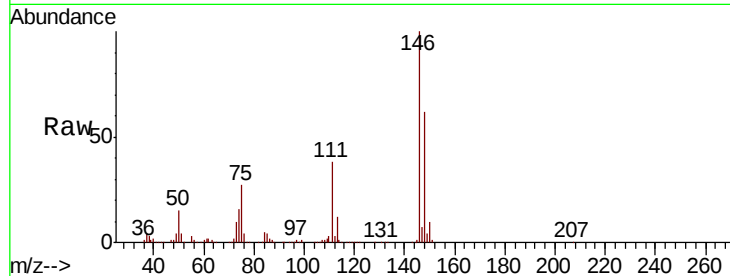




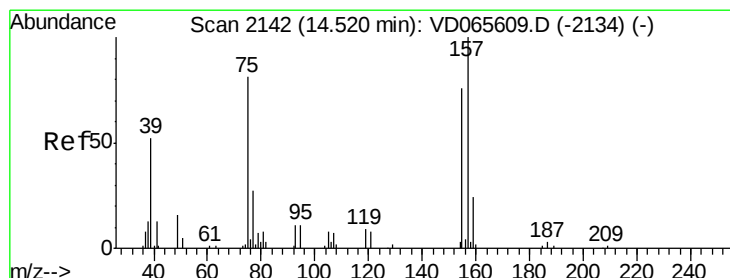
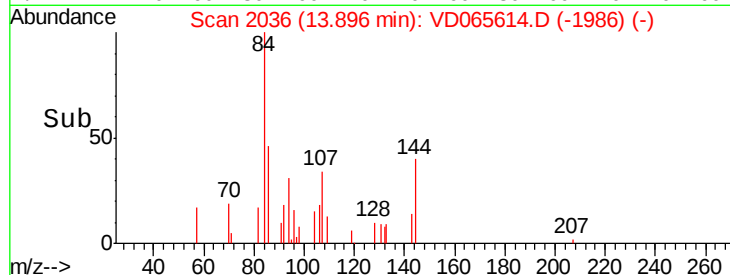
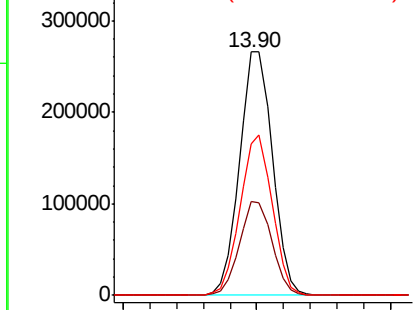
#91
 1,2-Dichlorobenzene
 Concen: 47.509 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 454204
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.5
 148 64.0 31.8 95.4

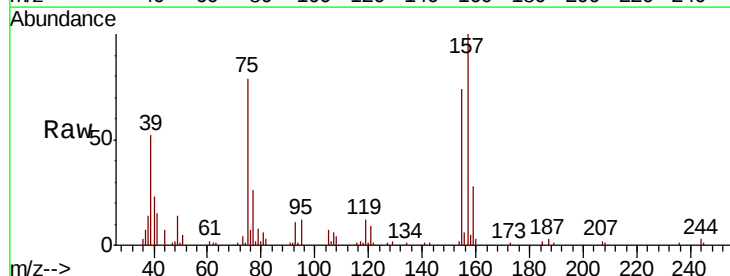


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

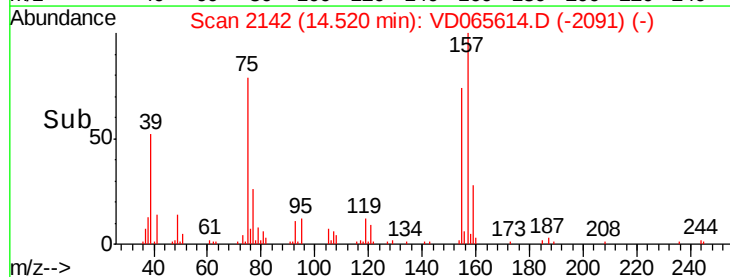
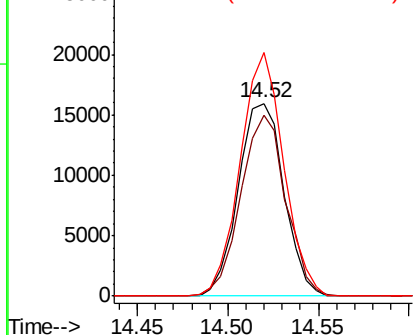


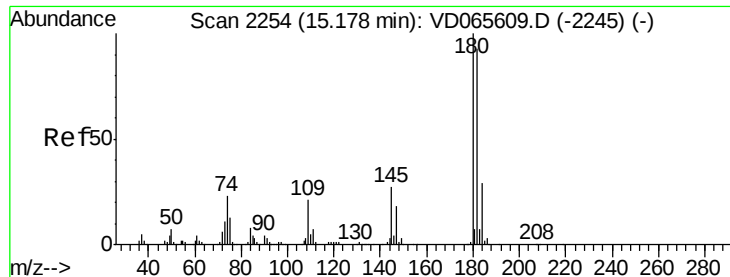
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.365 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Tgt Ion: 75 Resp: 27945
 Ion Ratio Lower Upper
 75 100
 155 92.6 46.8 140.4
 157 120.2 59.6 178.7



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

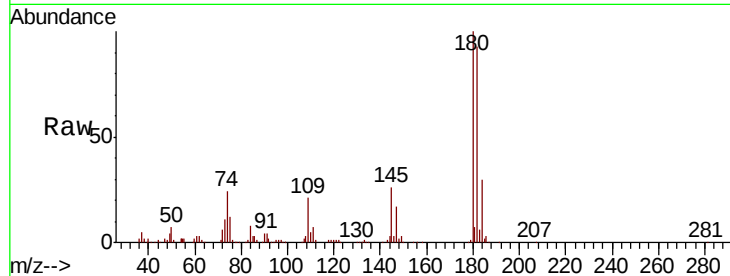




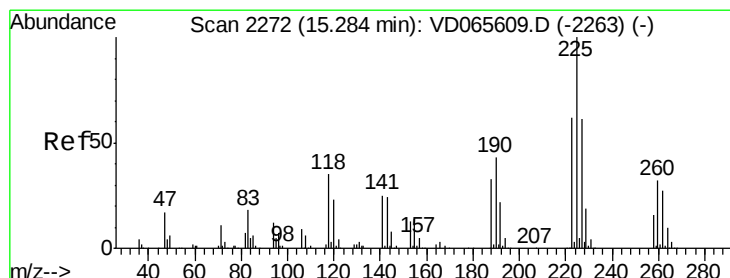
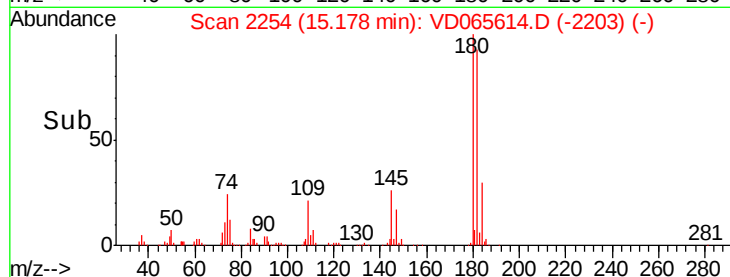
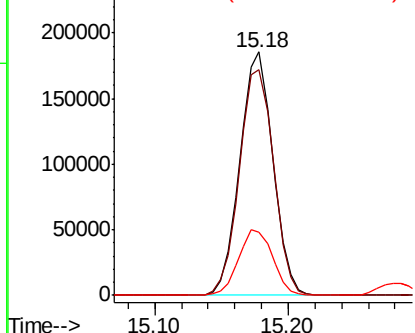
#93
 1,2,4-Trichlorobenzene
 Concen: 50.625 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 317912
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.0 141.2
 145 27.9 14.0 41.9

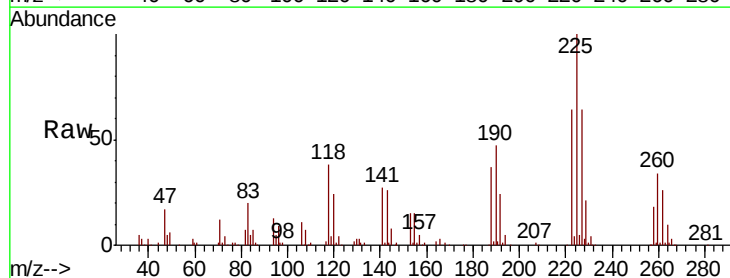


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

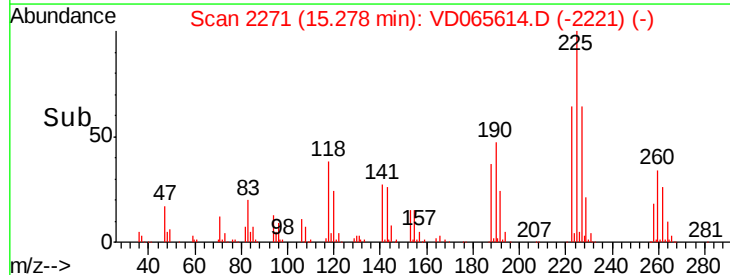
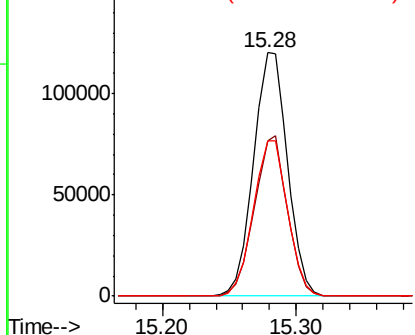


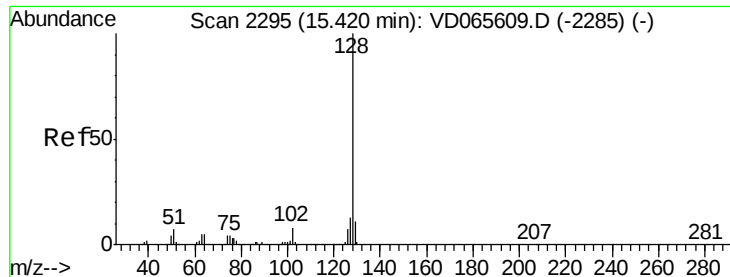
#94
 Hexachlorobutadiene
 Concen: 48.227 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: VD065614.D
 Acq: 13 Apr 2020 13:40

Tgt Ion:225 Resp: 210509
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 94.7
 227 64.4 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.832 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.01 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

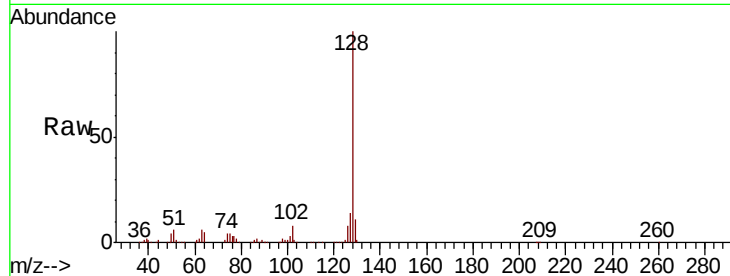
Tot Ion:128 Resp: 492920

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

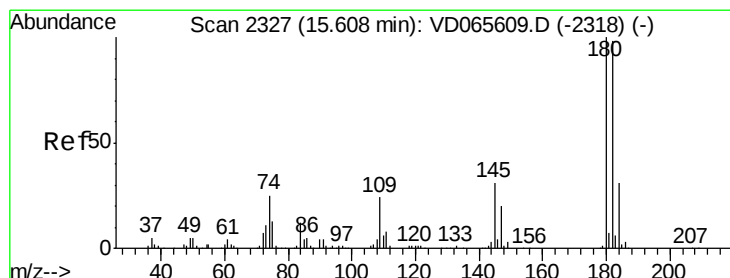
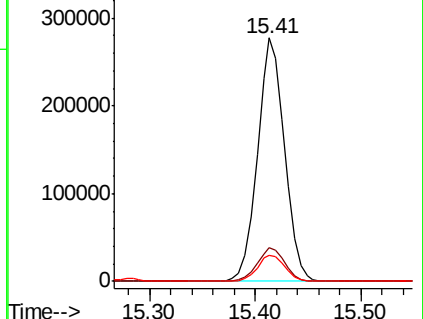
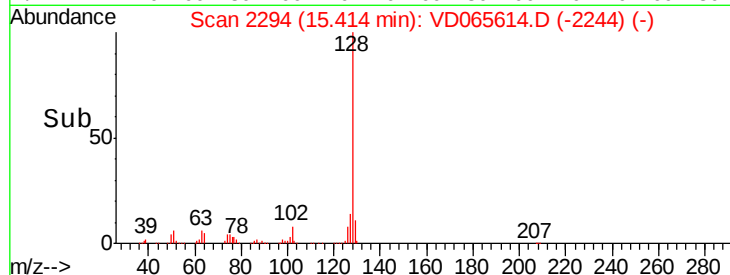
129 11.0 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.373 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD065614.D

Acq: 13 Apr 2020 13:40

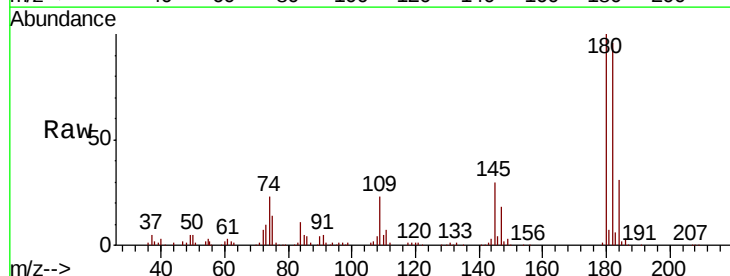
Tgt Ion:180 Resp: 273819

Ion Ratio Lower Upper

180 100

182 96.2 47.7 143.1

145 30.1 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

