

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061919\
 Data File : VD062780.D
 Acq On : 19 Jun 2019 15:40
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 20 01:37:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	927075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1253603	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1107489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	592362	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	479234	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
35) Dibromofluoromethane	6.93	113	484281	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
50) Toluene-d8	10.42	98	1132303	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	13.56	95	495747	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	593044	49.385	ug/l	100
3) Chloromethane	1.74	50	431574	47.786	ug/l	100
4) Vinyl Chloride	1.84	62	456400	50.971	ug/l	100
5) Bromomethane	2.16	94	240536	57.361	ug/l	100
6) Chloroethane	2.27	64	216599	53.429	ug/l	100
7) Trichlorofluoromethane	2.53	101	925531	51.074	ug/l	100
8) Diethyl Ether	2.88	74	129494	56.243	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.15	101	485125	49.416	ug/l	100
10) Methyl Iodide	3.31	142	683421	52.772	ug/l	100
11) Tert butyl alcohol	4.09	59	108370	235.879	ug/l	100
12) 1,1-Dichloroethene	3.13	96	366523	49.768	ug/l	100
13) Acrolein	3.03	56	110321	235.224	ug/l	100
14) Allyl chloride	3.62	41	569610	52.402	ug/l	100
15) Acrylonitrile	4.20	53	275252	255.000	ug/l	100
16) Acetone	3.23	43	512949	227.241	ug/l	100
17) Carbon Disulfide	3.38	76	1203330	51.196	ug/l	100
18) Methyl Acetate	3.64	43	148419	48.743	ug/l	100
19) Methyl tert-butyl Ether	4.24	73	855117	53.638	ug/l	100
20) Methylene Chloride	3.82	84	378902	49.254	ug/l	100
21) trans-1,2-Dichloroethene	4.22	96	398457	50.814	ug/l	100
22) Diisopropyl ether	5.13	45	1120289	50.624	ug/l	100
23) Vinyl Acetate	5.06	43	3575761	257.719	ug/l	100
24) 1,1-Dichloroethane	4.99	63	743363	51.593	ug/l	100
25) 2-Butanone	6.08	43	484221	256.686	ug/l	100
26) 2,2-Dichloropropane	6.03	77	796058	52.125	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	422211	50.915	ug/l	100
28) Bromochloromethane	6.45	49	253554	49.965	ug/l	100
29) Tetrahydrofuran	6.47	42	222431	249.204	ug/l	100
30) Chloroform	6.68	83	901018	51.420	ug/l	100
31) Cyclohexane	6.96	56	483383	51.034	ug/l	100
32) 1,1,1-Trichloroethane	6.87	97	958961	52.543	ug/l	100
36) 1,1-Dichloropropene	7.15	75	615997	51.908	ug/l	100
37) Ethyl Acetate	6.19	43	248882	45.796	ug/l	100
38) Carbon Tetrachloride	7.12	117	1006915	55.402	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	538496	51.551	ug/l	100
40) Benzene	7.46	78	1228584	51.576	ug/l	100
41) Methacrylonitrile	6.45	41	315613	50.431	ug/l	100
42) 1,2-Dichloroethane	7.58	62	681474	52.442	ug/l	100
43) Isopropyl Acetate	9.24	43	330145	53.065	ug/l	100
44) Trichloroethene	8.55	130	485969	52.037	ug/l	100
45) 1,2-Dichloropropane	8.95	63	297148	50.166	ug/l	100
46) Dibromomethane	9.07	93	255097	50.136	ug/l	100
47) Bromodichloromethane	9.38	83	713886	54.023	ug/l	100
48) Methyl methacrylate	9.13	41	215713	48.790	ug/l	100
49) 1,4-Dioxane	9.10	88	37009	1006.146	ug/l	100
51) 4-Methyl-2-Pentanone	10.31	43	1095064	248.256	ug/l	100
52) Toluene	10.51	92	828153	51.719	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	551697	51.008	ug/l	100
54) cis-1,3-Dichloropropene	10.04	75	609127	51.815	ug/l	100
55) 1,1,2-Trichloroethane	11.19	97	267445	48.615	ug/l	100
56) Ethyl methacrylate	11.05	69	303780	51.671	ug/l	100
57) 1,3-Dichloropropane	11.41	76	431356	51.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	745609	247.032	ug/l	100
59) 2-Hexanone	11.54	43	809762	257.764	ug/l	100
60) Dibromochloromethane	11.70	129	522409	50.982	ug/l	100
61) 1,2-Dibromoethane	11.81	107	330059	50.799	ug/l	100
64) Tetrachloroethene	11.26	164	441628	48.451	ug/l	100
65) Chlorobenzene	12.40	112	1046998	50.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	483316	50.282	ug/l	100
67) Ethyl Benzene	12.53	91	1791683	48.552	ug/l	100
68) m/p-Xylenes	12.67	106	1311623	102.051	ug/l	100
69) o-Xylene	13.05	106	617895	52.590	ug/l	100
70) Styrene	13.07	104	1053483	51.048	ug/l	100
71) Bromoform	13.24	173	333649	50.663	ug/l	100
73) Isopropylbenzene	13.41	105	1876806	49.414	ug/l	100
74) N-amyl acetate	13.27	43	486980	52.797	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.70	83	293026	47.351	ug/l	100
76) 1,2,3-Trichloropropane	13.73	75	341206	49.896	ug/l	100
77) Bromobenzene	13.67	156	526011	51.490	ug/l	100
78) n-propylbenzene	13.78	91	2105338	47.625	ug/l	100
79) 2-Chlorotoluene	13.84	91	1249349	49.498	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	1551928	48.646	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	88940	49.625	ug/l	100
82) 4-Chlorotoluene	13.95	91	1467855	48.262	ug/l	100
83) tert-Butylbenzene	14.20	119	1778399	50.011	ug/l	100
84) 1,2,4-Trimethylbenzene	14.25	105	1666437	50.963	ug/l	100
85) sec-Butylbenzene	14.37	105	1865969	48.279	ug/l	100
86) p-Isopropyltoluene	14.49	119	1831444	51.797	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	915866	50.013	ug/l	100
88) 1,4-Dichlorobenzene	14.54	146	917628	49.890	ug/l	100
89) n-Butylbenzene	14.80	91	1583586	47.851	ug/l	100
90) Hexachloroethane	15.01	117	493887	51.951	ug/l	100
91) 1,2-Dichlorobenzene	14.82	146	772004	49.273	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.38	75	62058	51.379	ug/l	100

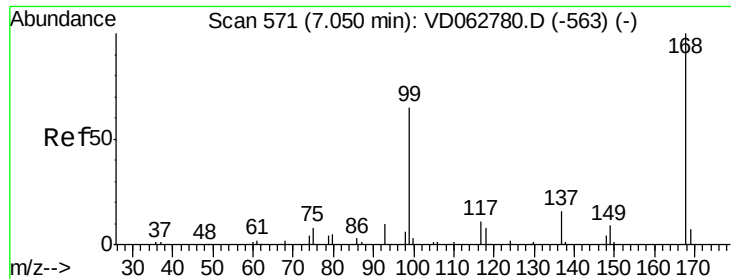
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	587408	47.994	ug/l	100
94) Hexachlorobutadiene	16.04	225	461235	49.329	ug/l	100
95) Naphthalene	16.13	128	878861	51.232	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	460557	48.976	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

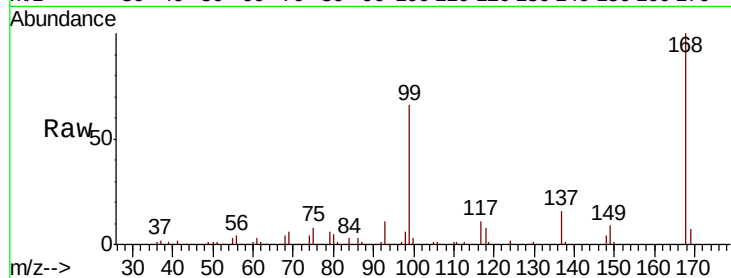
VSTDICCC050

Tot Ion:168 Resp: 927075

Ion Ratio Lower Upper

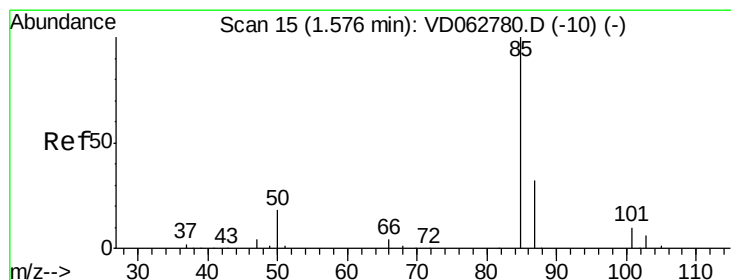
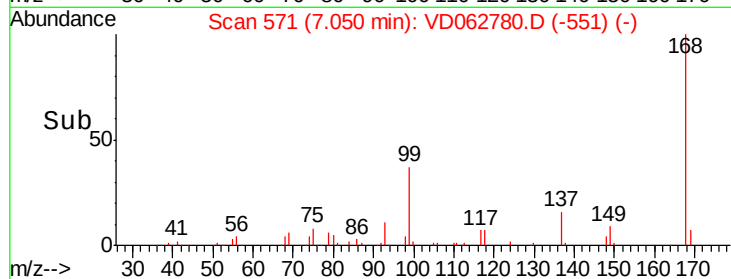
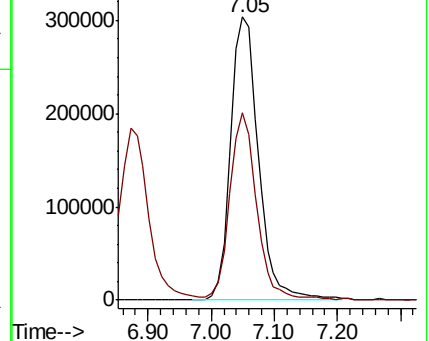
168 100

99 66.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 49.385 ug/l

RT: 1.58 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062780.D

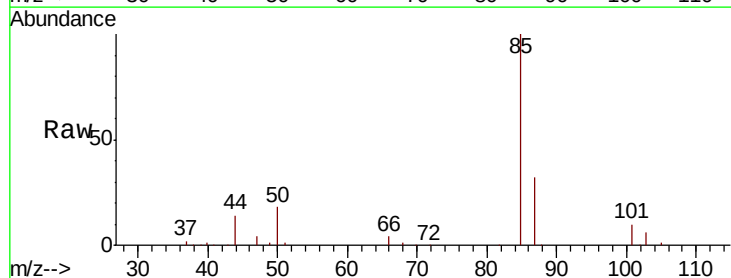
Acq: 19 Jun 2019 15:40

Tgt Ion: 85 Resp: 593044

Ion Ratio Lower Upper

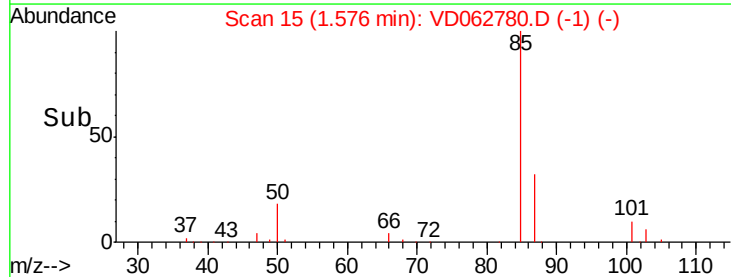
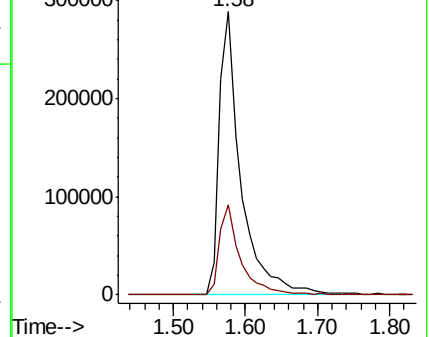
85 100

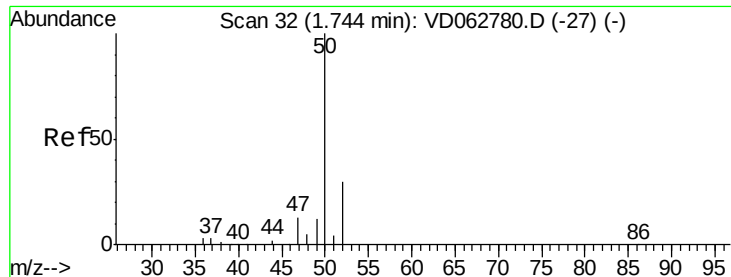
87 31.7 15.9 47.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.786 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

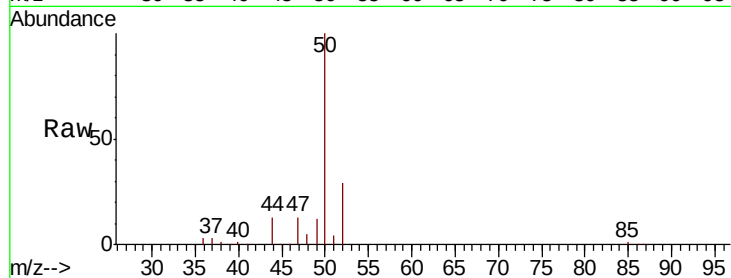
VSTDICCC050

Tot Ion: 50 Resp: 431574

Ion Ratio Lower Upper

50 100

52 29.5 23.6 35.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.74

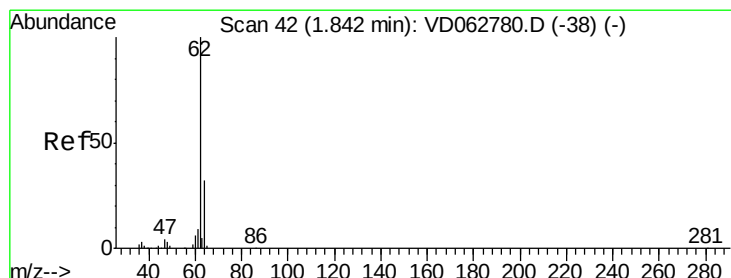
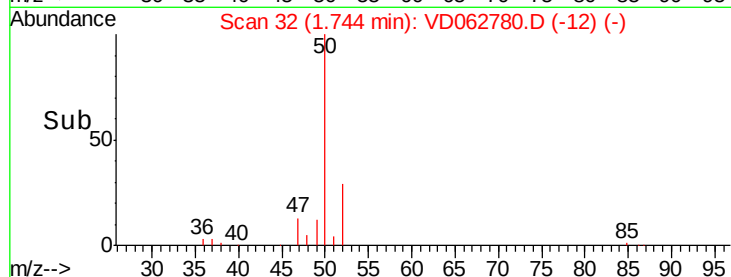
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.971 ug/l

RT: 1.84 min Scan# 42

Delta R.T. 0.00 min

Lab File: VD062780.D

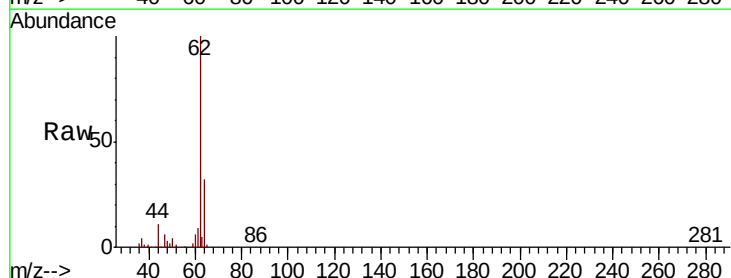
Acq: 19 Jun 2019 15:40

Tgt Ion: 62 Resp: 456400

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

250000

200000

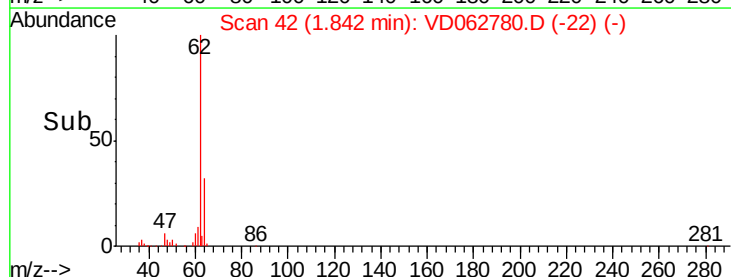
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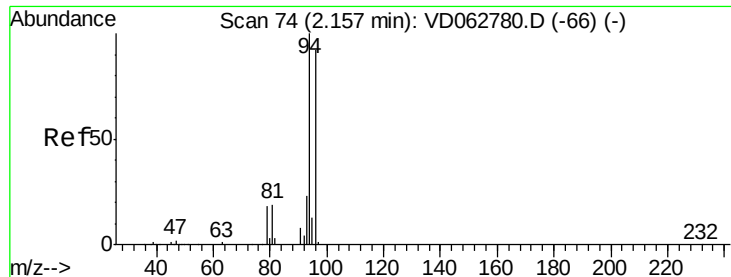
100000

50000

0

Time-->





#5

Bromomethane

Concen: 57.361 ug/l

RT: 2.16 min Scan# 74

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

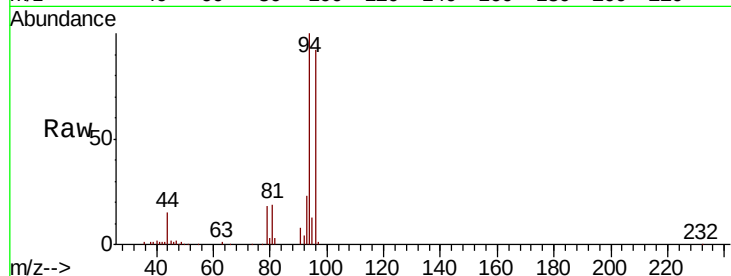
Tot Ion: 94 Resp: 240536

Ion Ratio Lower Upper

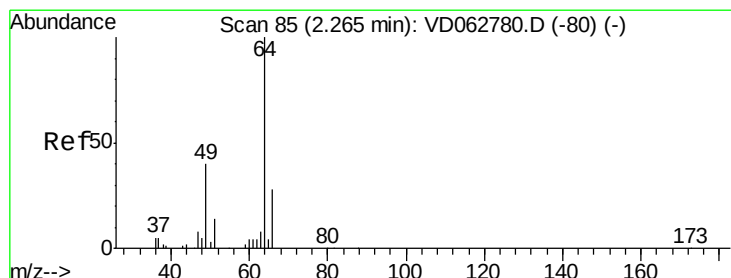
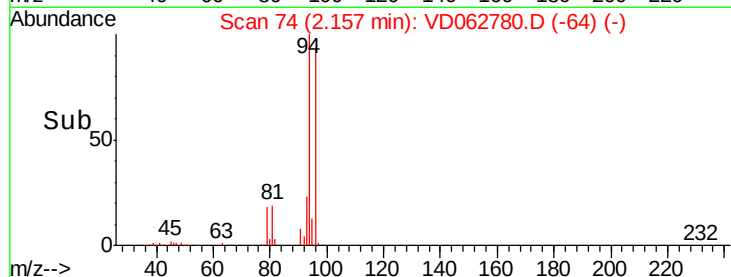
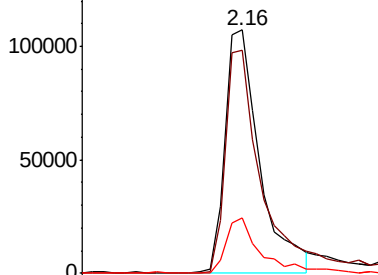
94 100

96 91.8 73.4 110.2

93 22.8 18.2 27.4



Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 53.429 ug/l

RT: 2.27 min Scan# 85

Delta R.T. 0.00 min

Lab File: VD062780.D

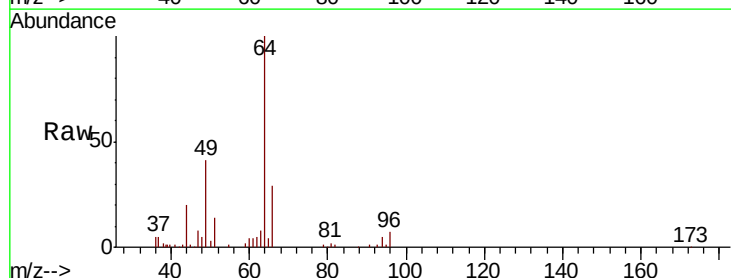
Acq: 19 Jun 2019 15:40

Tgt Ion: 64 Resp: 216599

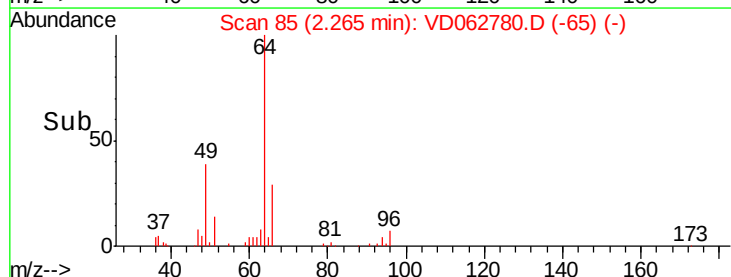
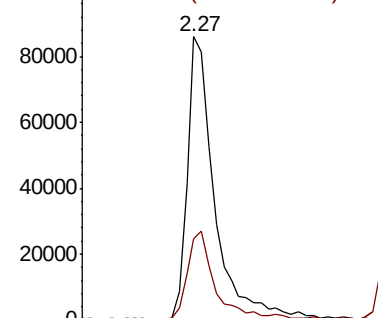
Ion Ratio Lower Upper

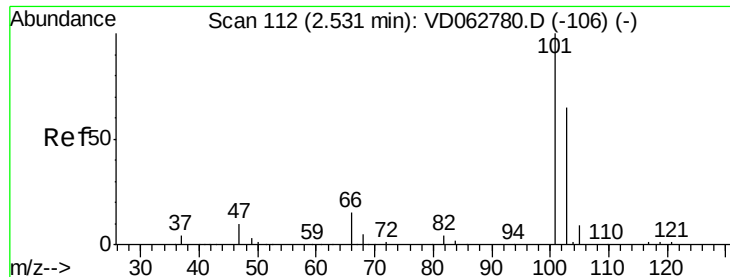
64 100

66 28.7 23.0 34.4



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC



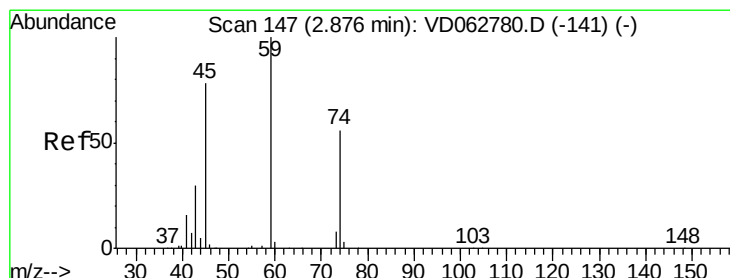
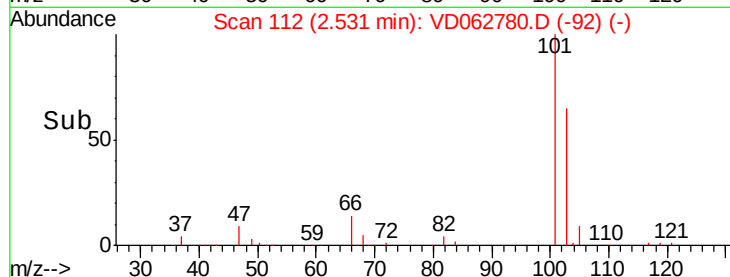
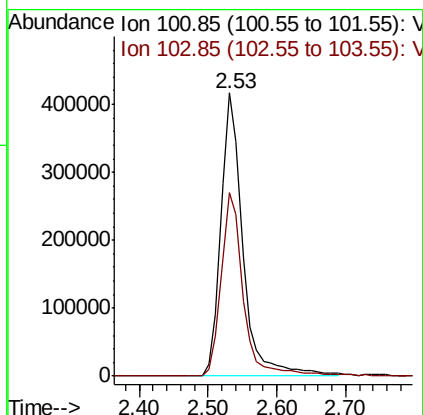
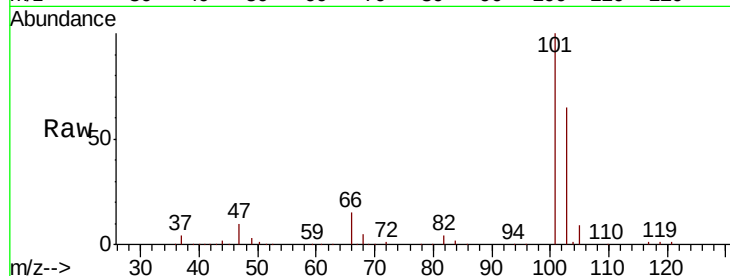


#7

Trichlorofluoromethane
Concen: 51.074 ug/l
RT: 2.53 min Scan# 112
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

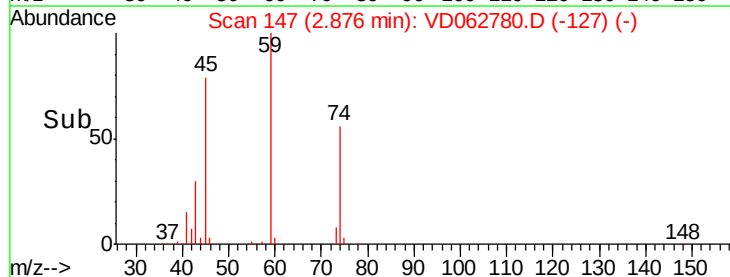
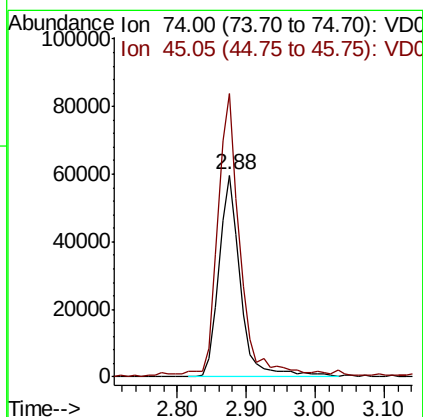
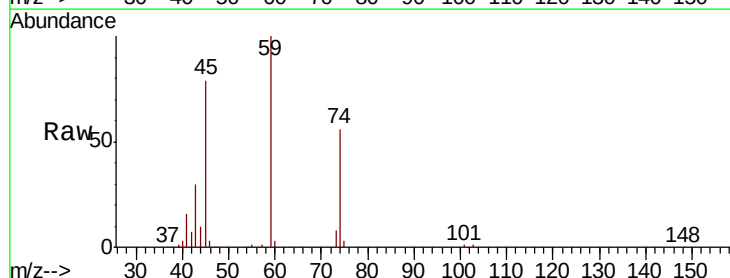
Tot Ion:101 Resp: 925531
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

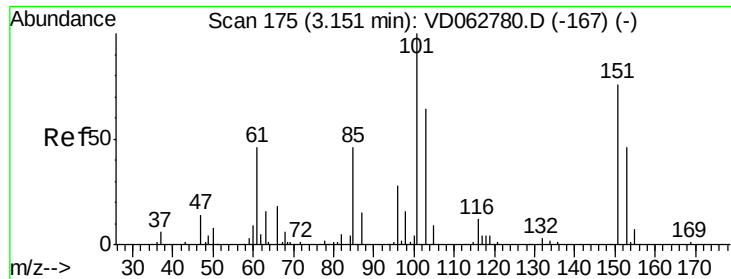


#8

Diethyl Ether
Concen: 56.243 ug/l
RT: 2.88 min Scan# 147
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 74 Resp: 129494
Ion Ratio Lower Upper
74 100
45 140.4 70.2 210.6

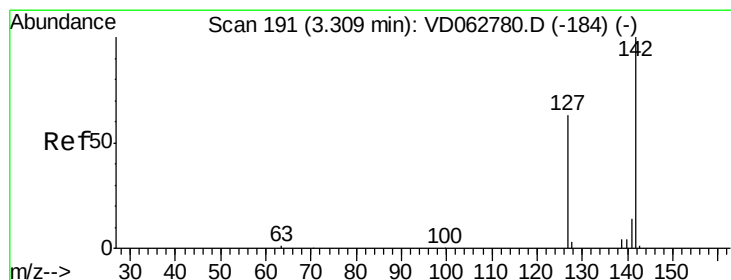
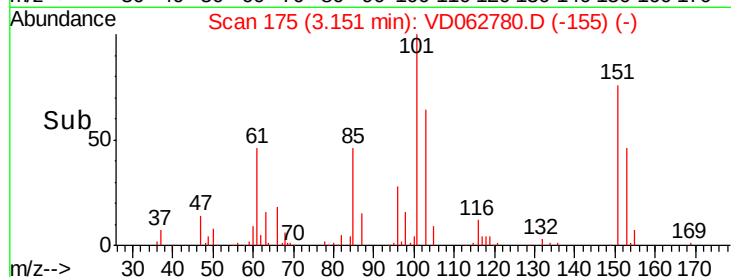
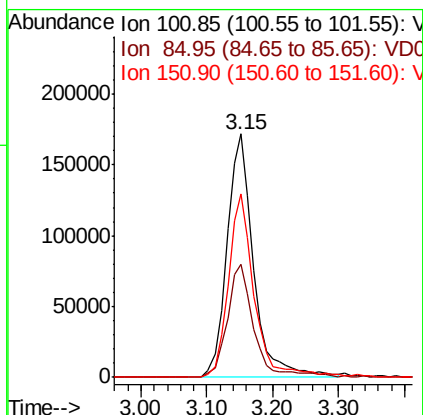
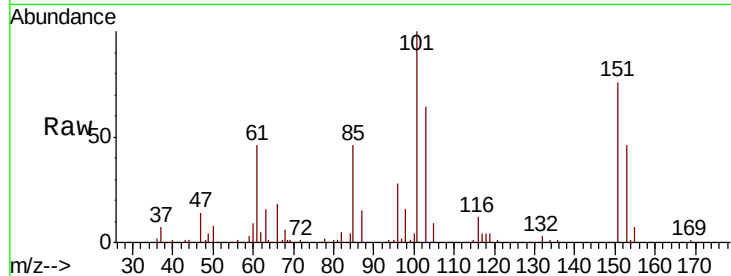




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.416 ug/l
 RT: 3.15 min Scan# 175
 Delta R.T. 0.00 min
 Lab File: VD062780.D
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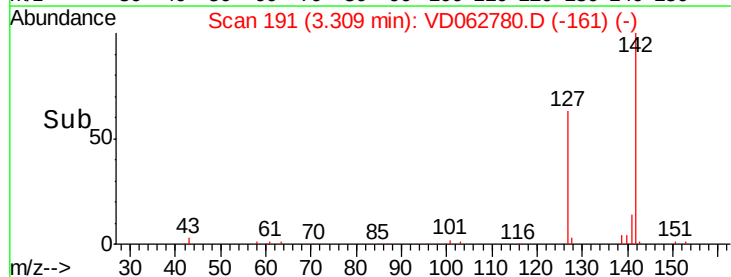
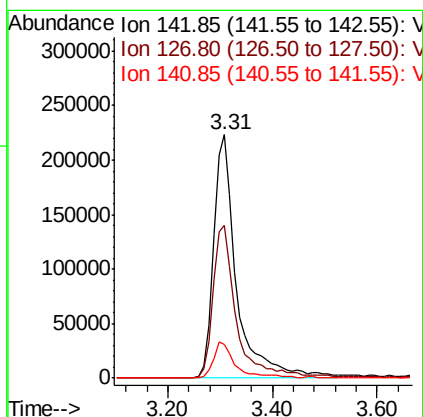
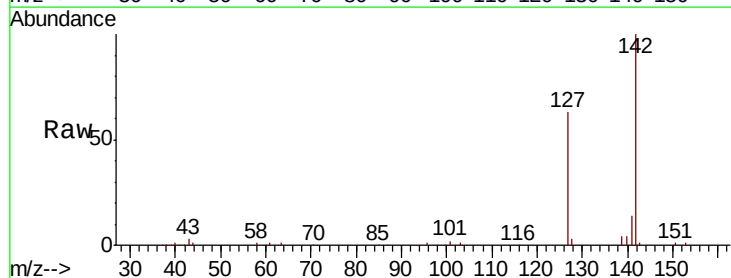
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

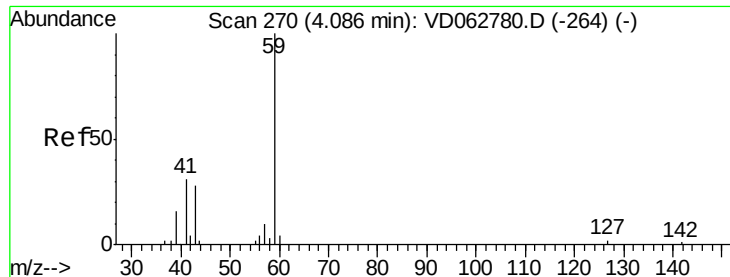
Tot Ion	Ratio	Lower	Upper
101	100		
85	46.2	37.0	55.4
151	75.6	60.5	90.7



#10
 Methyl Iodide
 Concen: 52.772 ug/l
 RT: 3.31 min Scan# 191
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion	Ratio	Lower	Upper
142	100		
127	62.6	50.1	75.1
141	13.7	11.0	16.4



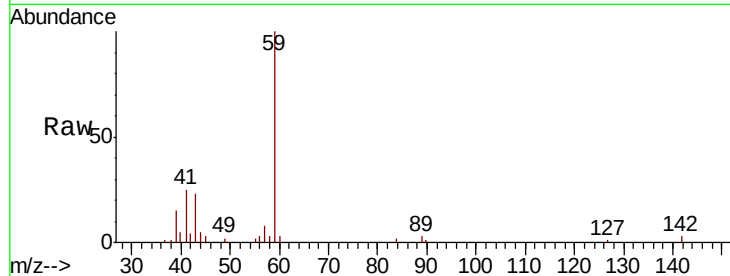


#11

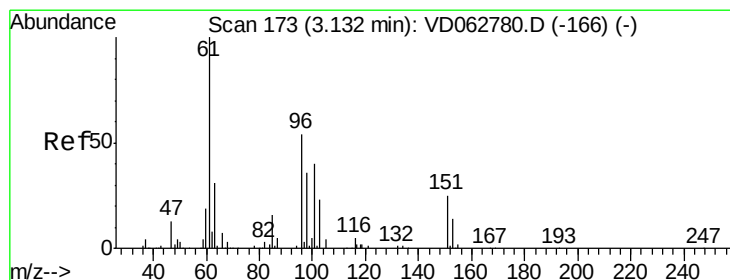
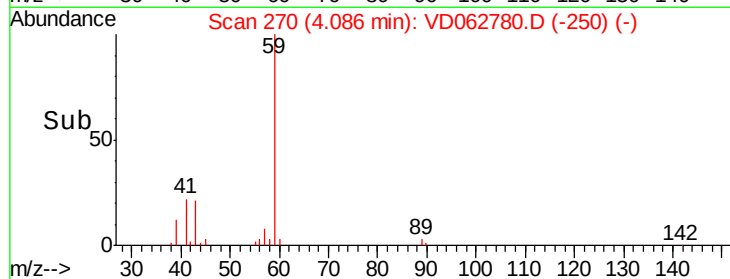
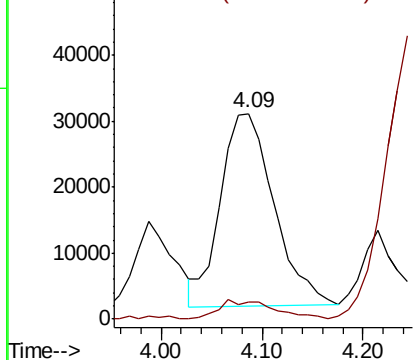
Tert butyl alcohol
 Concen: 235.879 ug/l
 RT: 4.09 min Scan# 270
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 59 Resp: 108370
 Ion Ratio Lower Upper
 59 100
 57 8.3 6.6 10.0



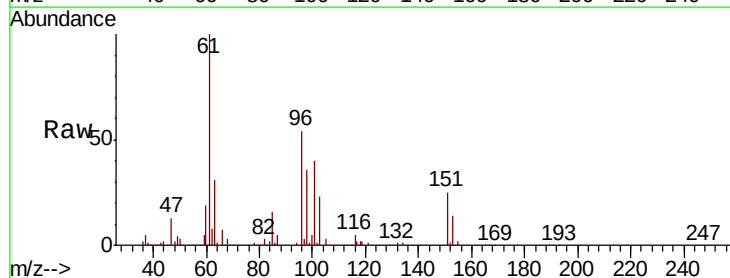
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



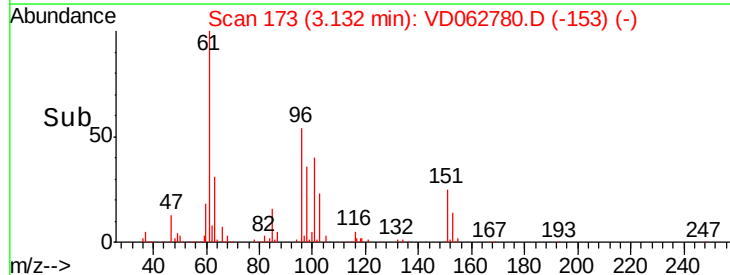
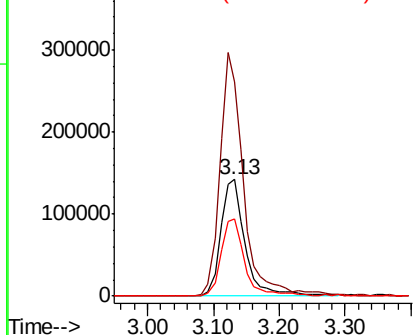
#12

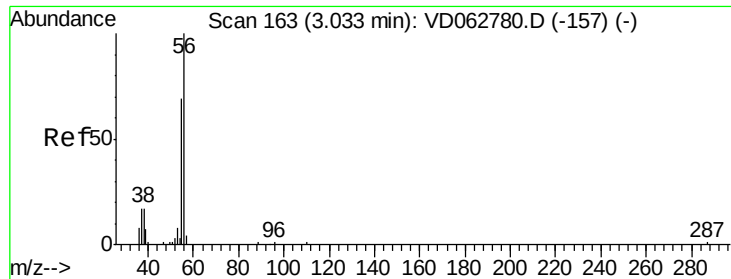
1,1-Dichloroethene
 Concen: 49.768 ug/l
 RT: 3.13 min Scan# 173
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 96 Resp: 366523
 Ion Ratio Lower Upper
 96 100
 61 183.9 147.1 220.7
 98 65.8 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC

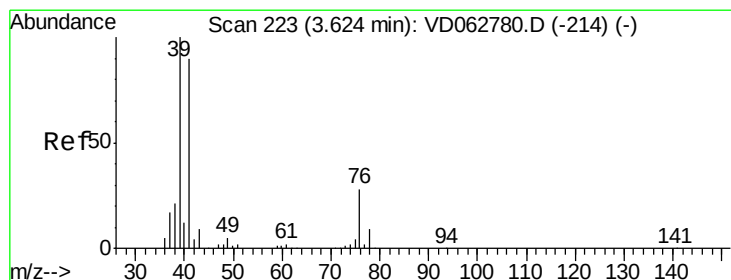
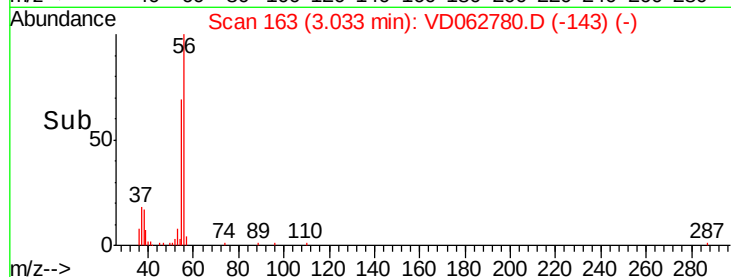
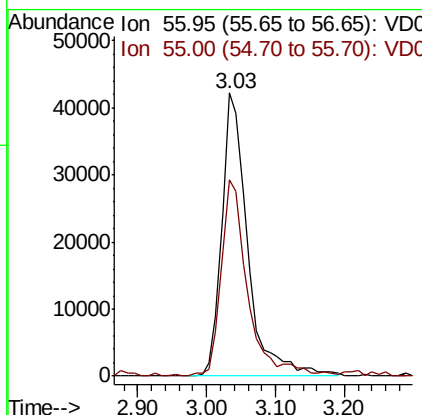
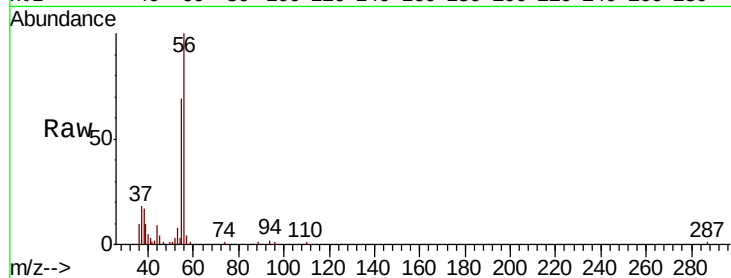




#13
 Acrolein
 Concen: 235.224 ug/l
 RT: 3.03 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

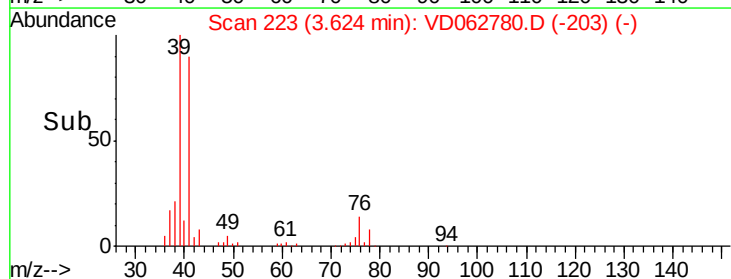
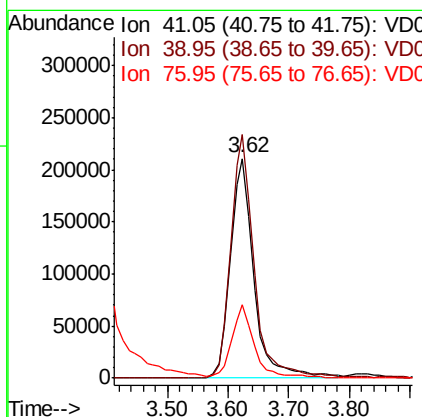
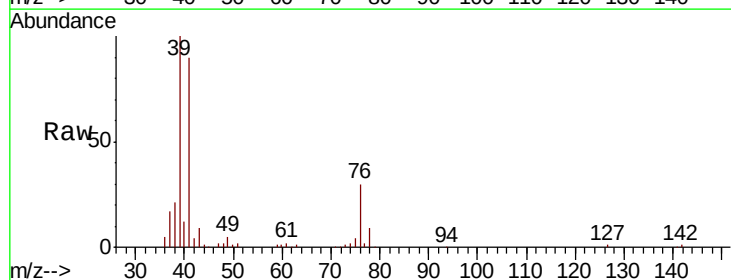
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

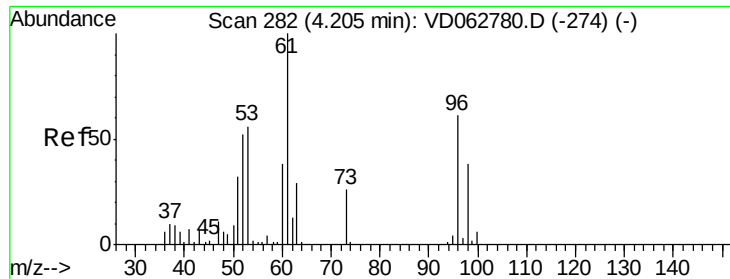
Tot Ion: 56 Resp: 110321
 Ion Ratio Lower Upper
 56 100
 55 69.2 55.4 83.0



#14
 Allyl chloride
 Concen: 52.402 ug/l
 RT: 3.62 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 41 Resp: 569610
 Ion Ratio Lower Upper
 41 100
 39 111.0 88.8 133.2
 76 33.4 26.7 40.1

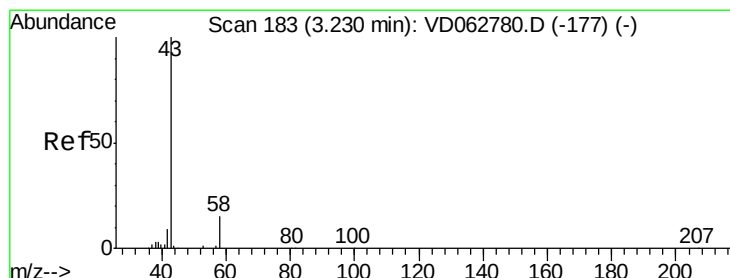
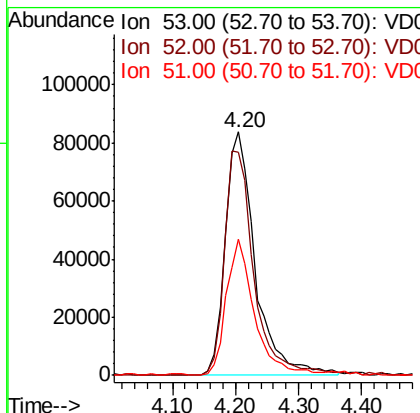
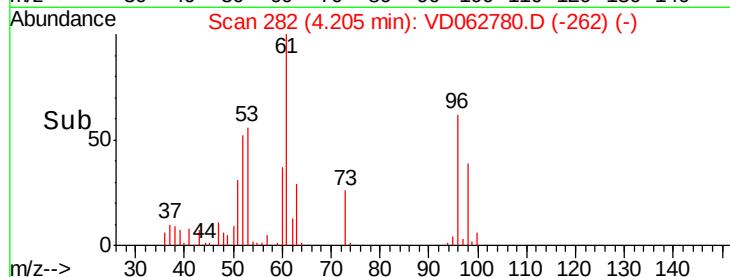
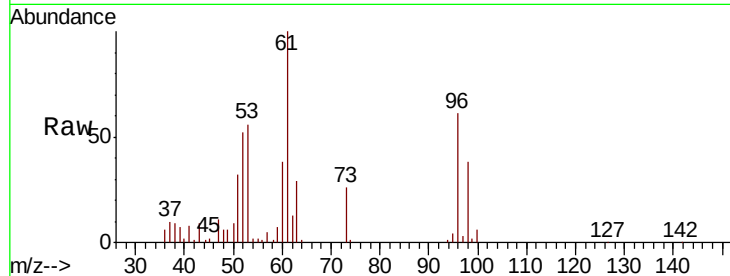




#15
 Acrylonitrile
 Concen: 255.000 ug/l
 RT: 4.20 min Scan# 282
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

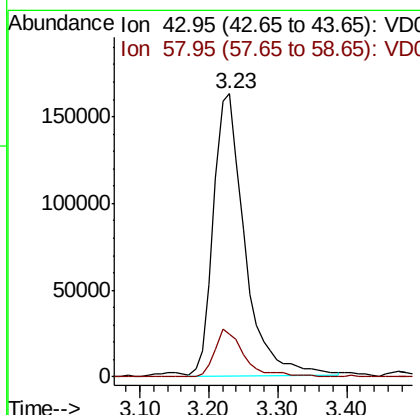
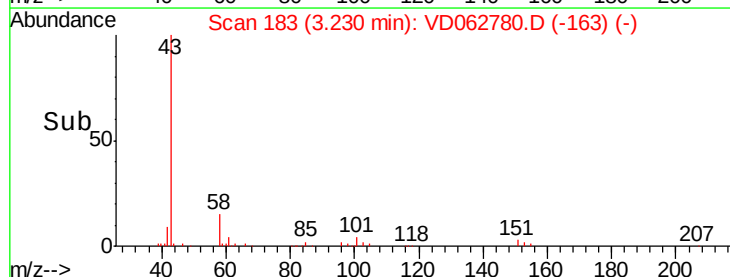
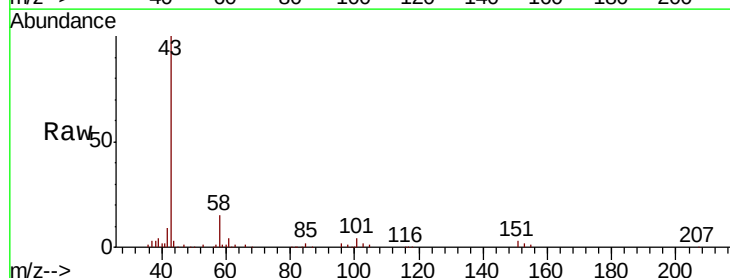
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICCC050

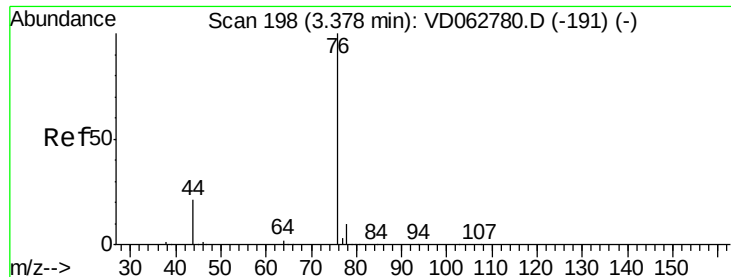
Tot Ion: 53 Resp: 275252
 Ion Ratio Lower Upper
 53 100
 52 91.6 73.3 109.9
 51 56.0 44.8 67.2



#16
 Acetone
 Concen: 227.241 ug/l
 RT: 3.23 min Scan# 183
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 43 Resp: 512949
 Ion Ratio Lower Upper
 43 100
 58 14.9 11.9 17.9

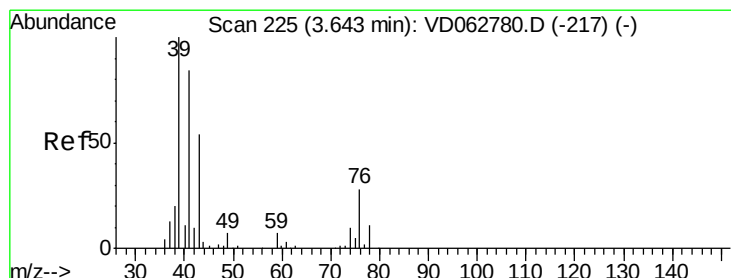
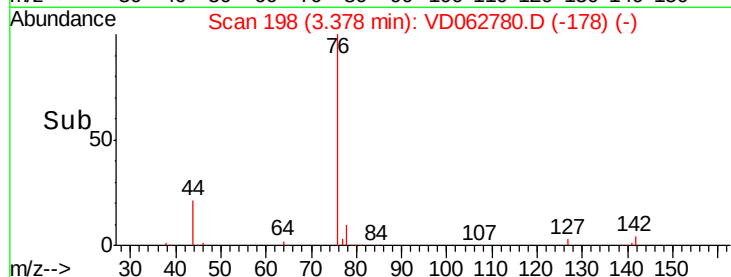
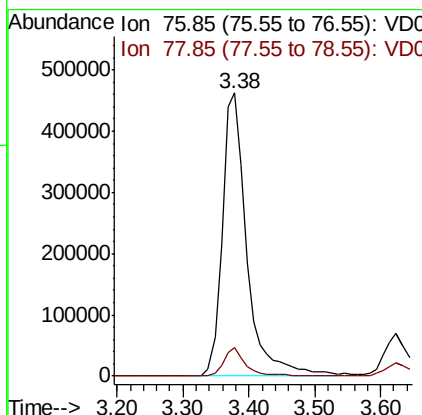
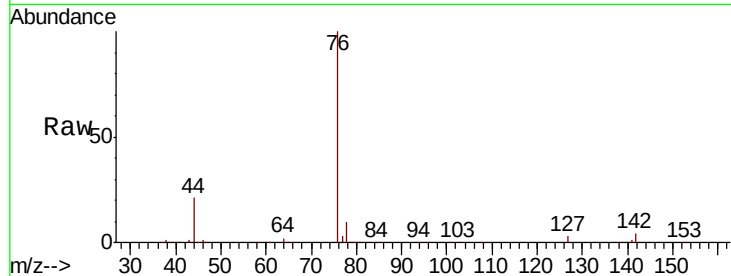




#17
Carbon Disulfide
Concen: 51.196 ug/l
RT: 3.38 min Scan# 198
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

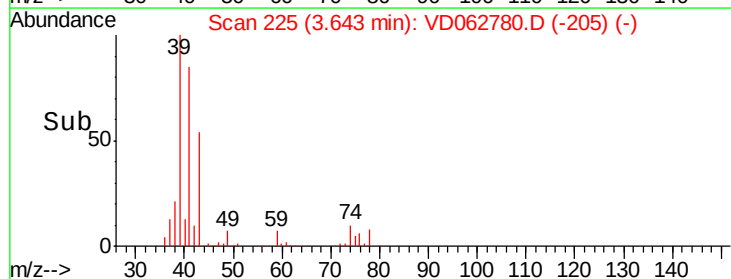
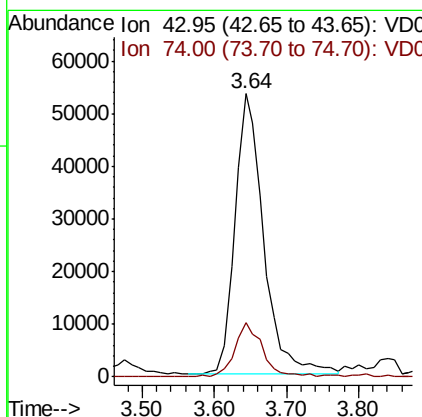
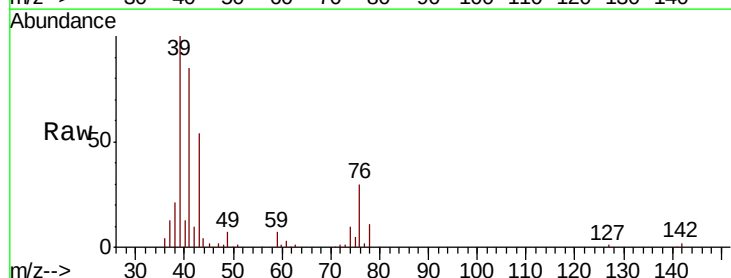
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

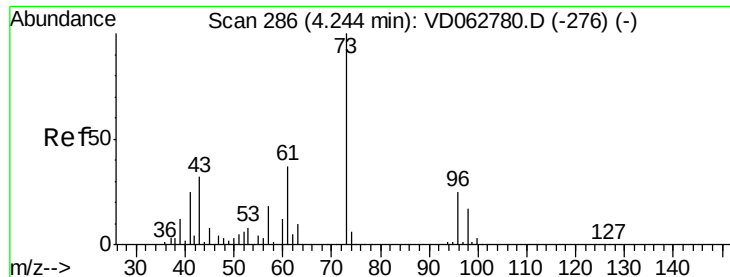
Tot Ion: 76 Resp: 1203330
Ion Ratio Lower Upper
76 100
78 10.0 8.0 12.0



#18
Methyl Acetate
Concen: 48.743 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 43 Resp: 148419
Ion Ratio Lower Upper
43 100
74 19.0 15.2 22.8



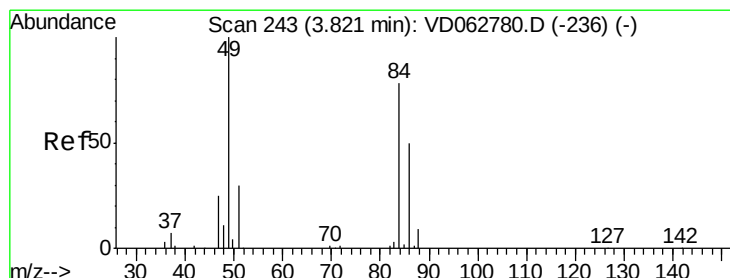
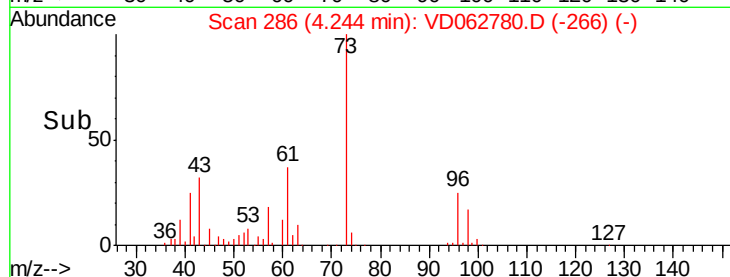
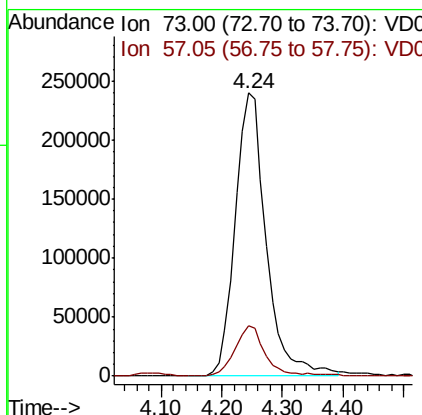
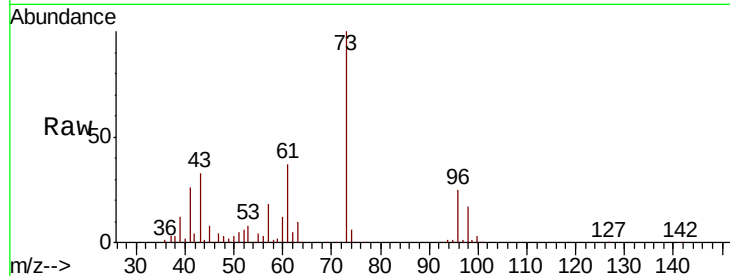


#19

Methyl tert-butyl Ether
 Concen: 53.638 ug/l
 RT: 4.24 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

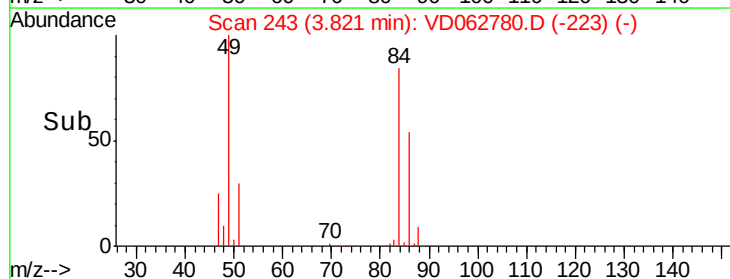
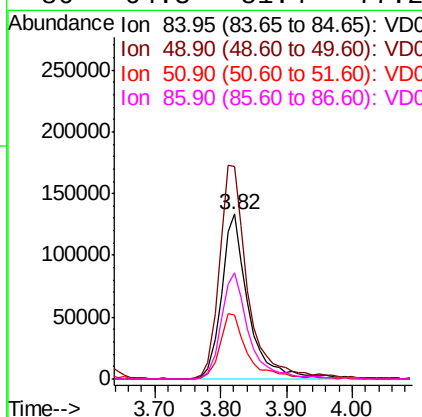
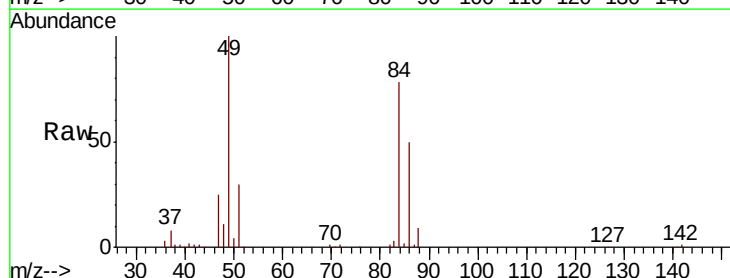
Tot Ion: 73 Resp: 855117
 Ion Ratio Lower Upper
 73 100
 57 17.9 14.3 21.5

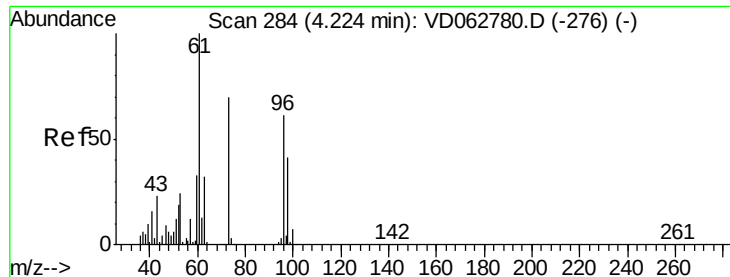


#20

Methylene Chloride
 Concen: 49.254 ug/l
 RT: 3.82 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 84 Resp: 378902
 Ion Ratio Lower Upper
 84 100
 49 128.6 102.9 154.3
 51 39.0 31.2 46.8
 86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.814 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

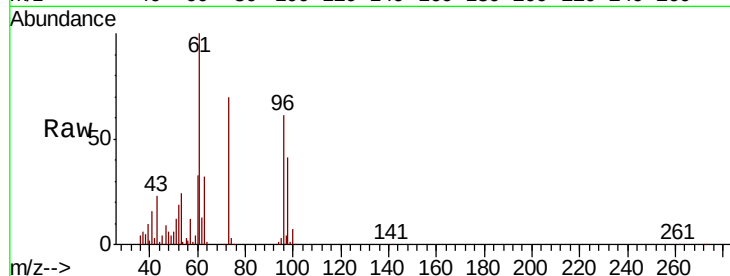
Tot Ion: 96 Resp: 398457

Ion Ratio Lower Upper

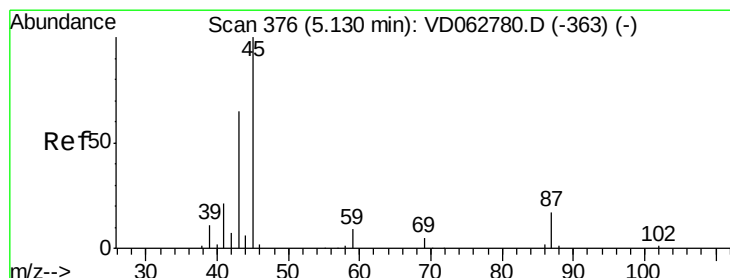
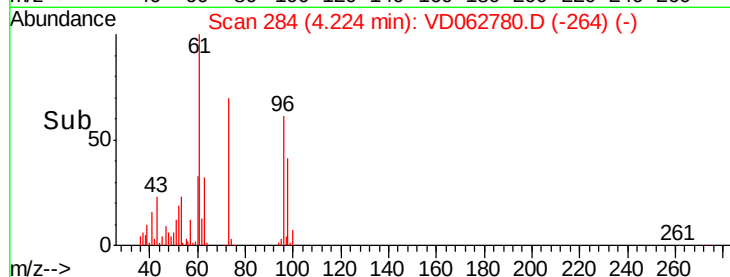
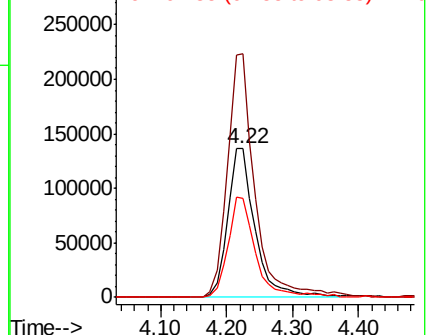
96 100

61 163.7 131.0 196.4

98 66.5 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 50.624 ug/l

RT: 5.13 min Scan# 376

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Tgt Ion: 45 Resp: 1120289

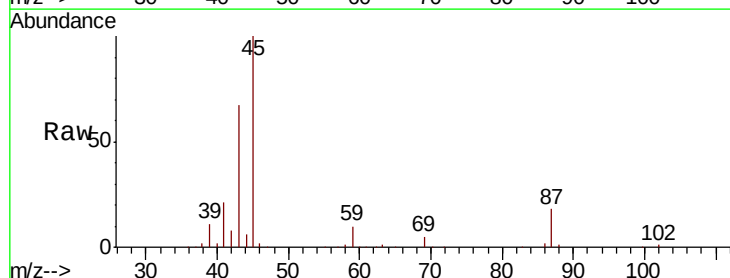
Ion Ratio Lower Upper

45 100

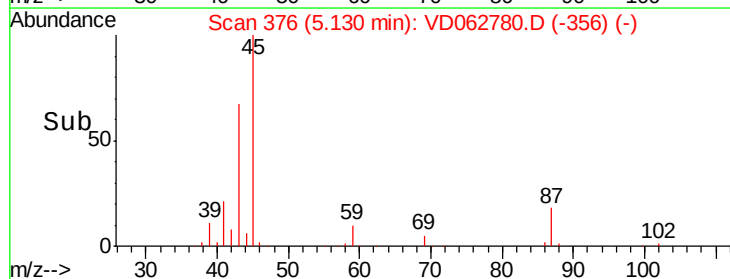
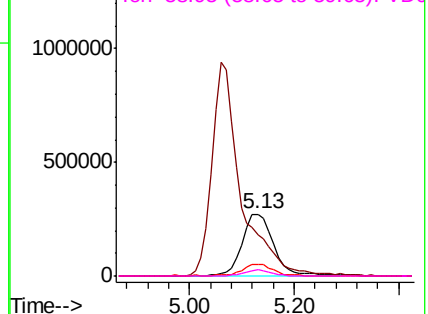
43 66.7 53.4 80.0

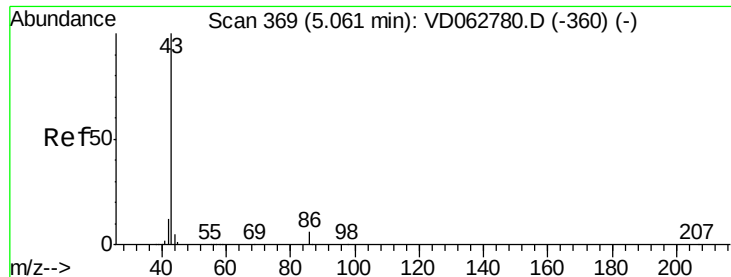
87 18.3 14.6 22.0

59 9.8 7.8 11.8



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 257.719 ug/l

RT: 5.06 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleID :

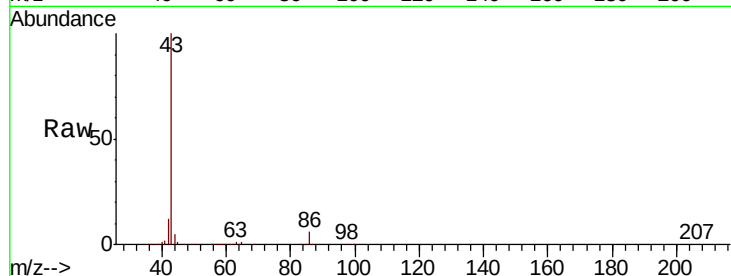
VSTDICCC050

Tot Ion: 43 Resp: 3575761

Ion Ratio Lower Upper

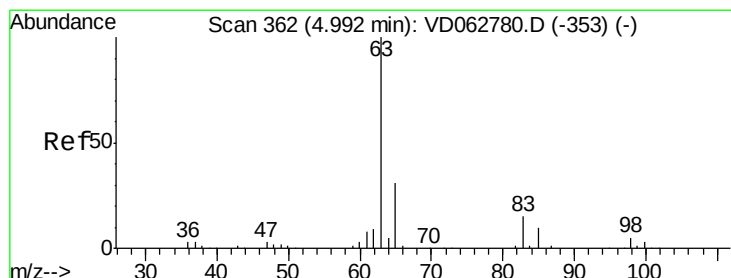
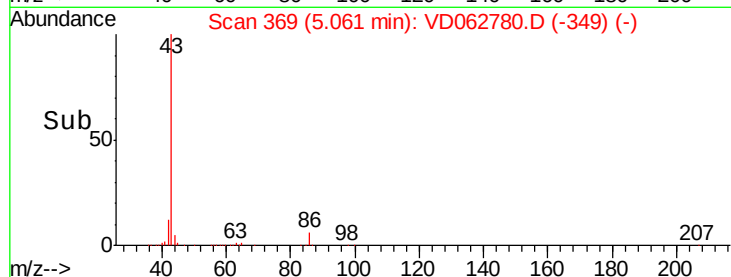
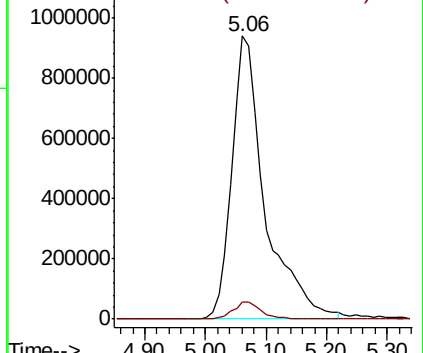
43 100

86 5.9 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.593 ug/l

RT: 4.99 min Scan# 362

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

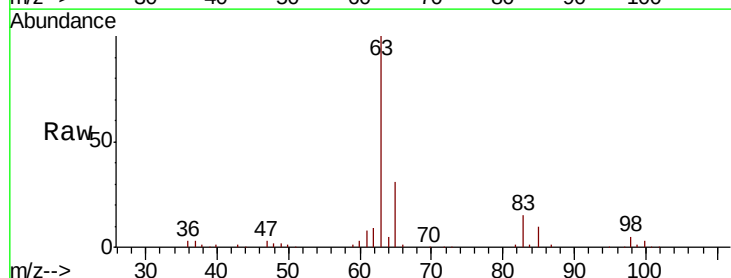
Tgt Ion: 63 Resp: 743363

Ion Ratio Lower Upper

63 100

98 4.6 2.3 6.9

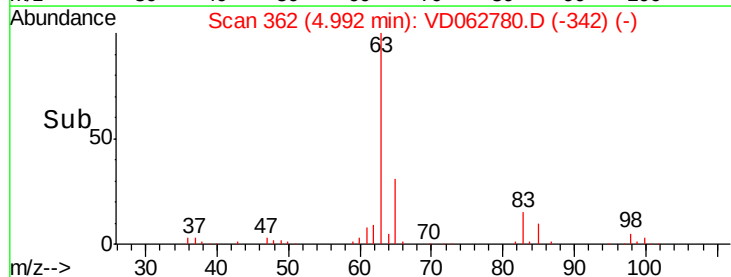
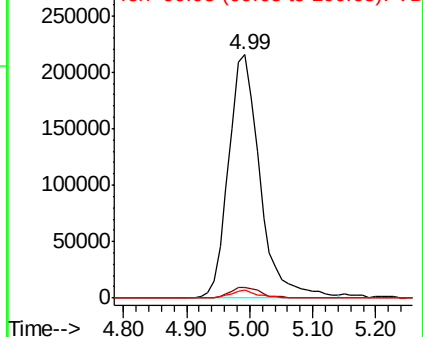
100 3.4 1.7 5.1

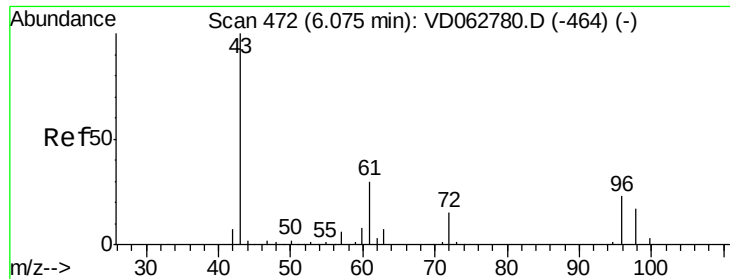


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 256.686 ug/l

RT: 6.08 min Scan# 472

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

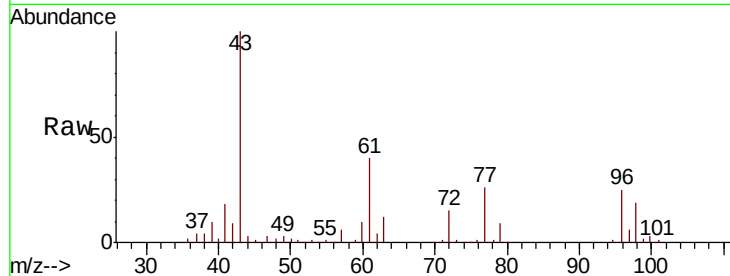
VSTDICCC050

Tot Ion: 43 Resp: 484221

Ion Ratio Lower Upper

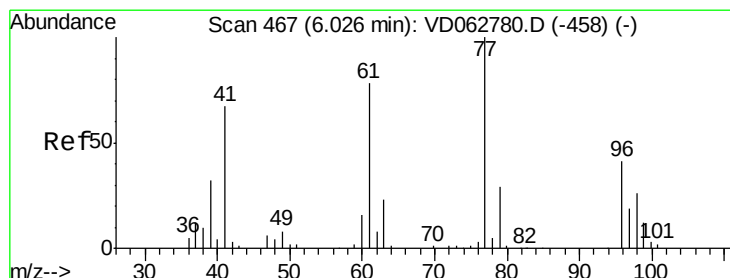
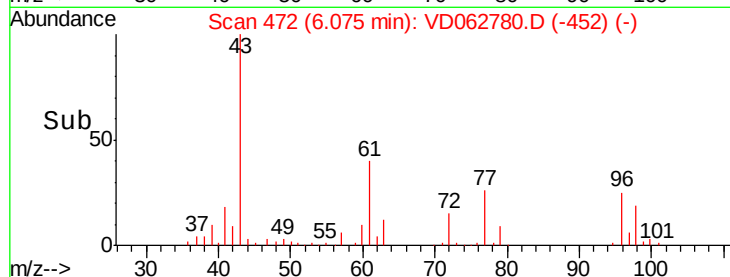
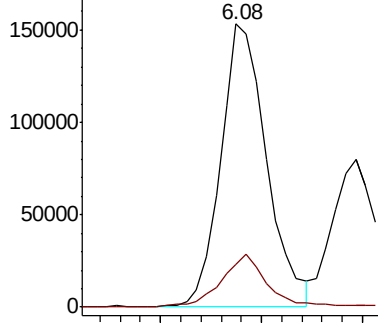
43 100

72 14.9 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 52.125 ug/l

RT: 6.03 min Scan# 467

Delta R.T. 0.00 min

Lab File: VD062780.D

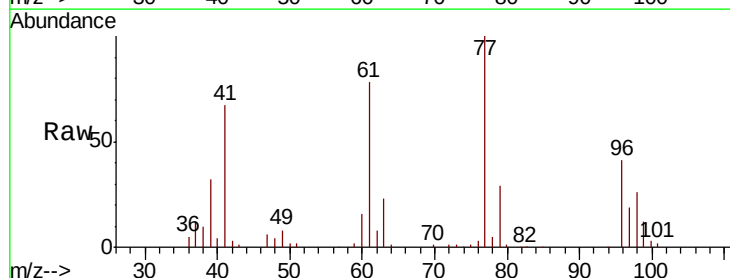
Acq: 19 Jun 2019 15:40

Tgt Ion: 77 Resp: 796058

Ion Ratio Lower Upper

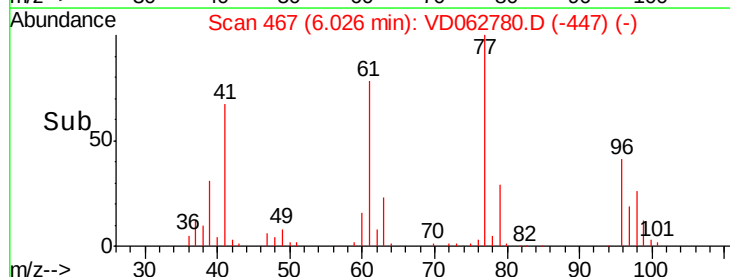
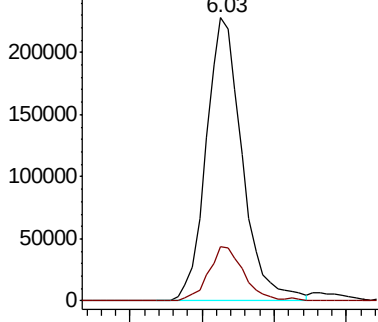
77 100

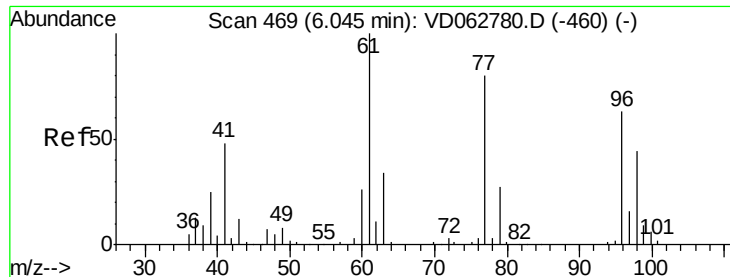
97 19.0 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



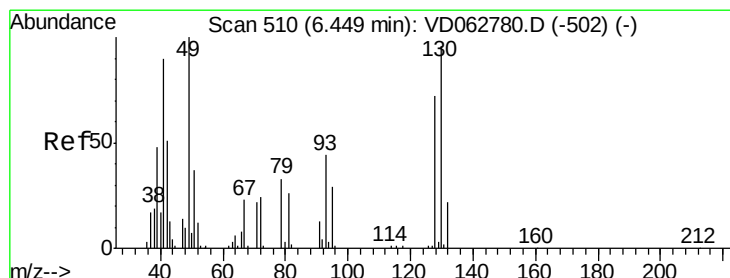
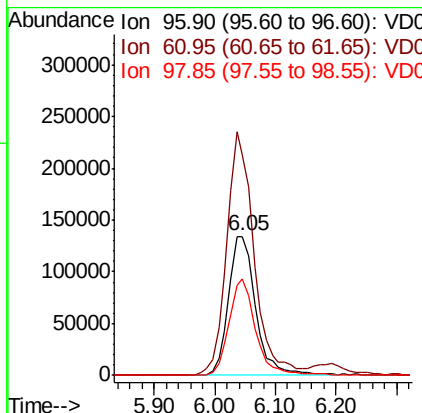
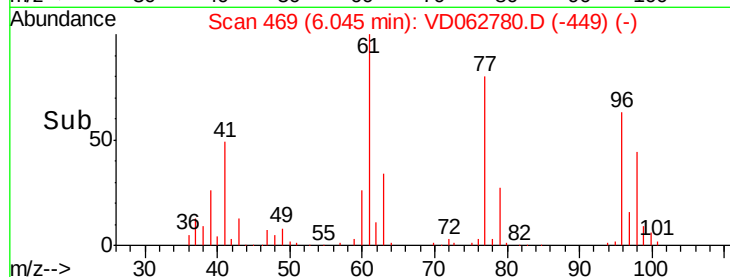
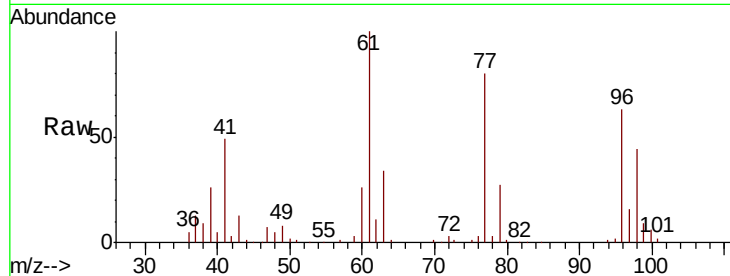


#27

cis-1,2-Dichloroethene
Concen: 50.915 ug/l
RT: 6.05 min Scan# 469
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

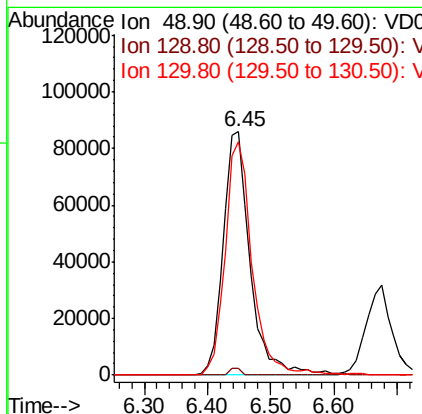
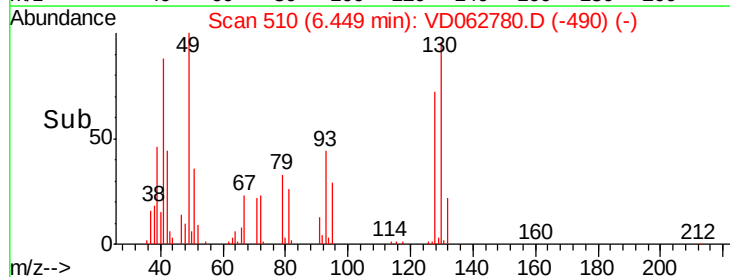
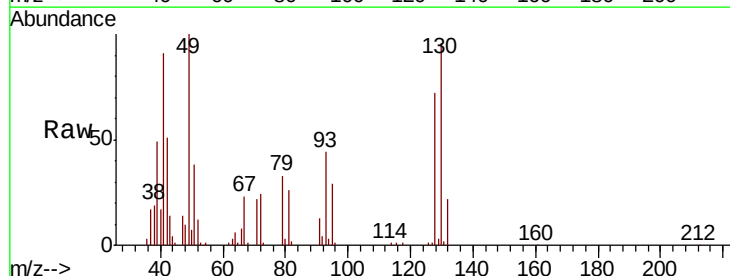
Tot Ion: 96 Resp: 422211
Ion Ratio Lower Upper
96 100
61 158.0 0.0 316.0
98 69.2 0.0 138.4

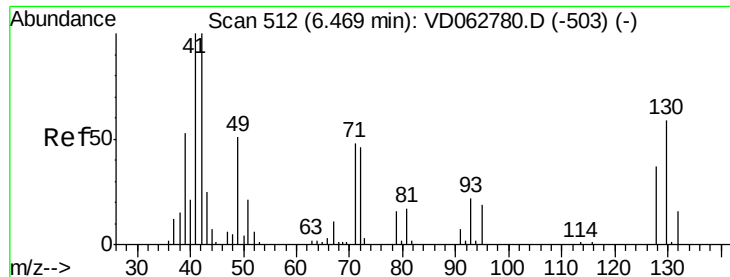


#28

Bromochloromethane
Concen: 49.965 ug/l
RT: 6.45 min Scan# 510
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 49 Resp: 253554
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 95.7 76.6 114.8





#29

Tetrahydrofuran

Concen: 249.204 ug/l

RT: 6.47 min Scan# 512

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

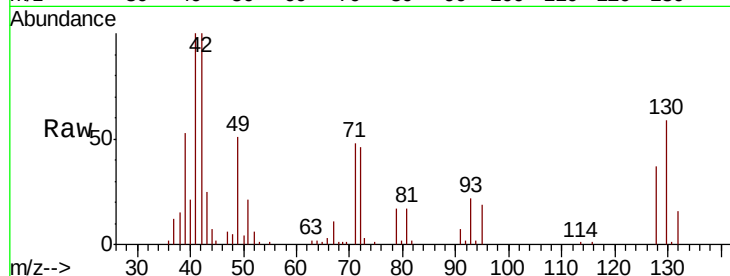
Tot Ion: 42 Resp: 222431

Ion Ratio Lower Upper

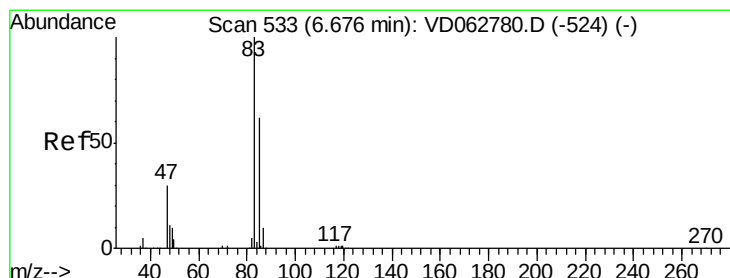
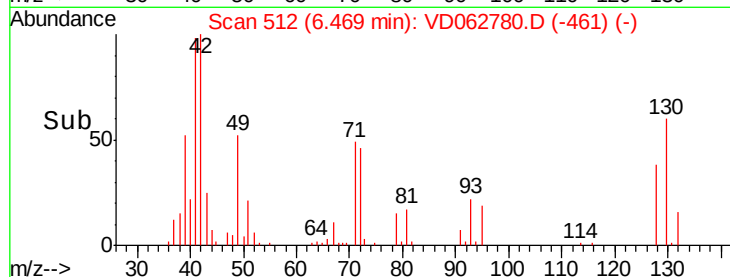
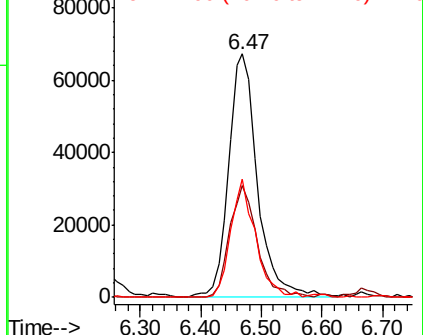
42 100

72 43.8 35.0 52.6

71 41.6 33.3 49.9



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: 51.420 ug/l

RT: 6.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: VD062780.D

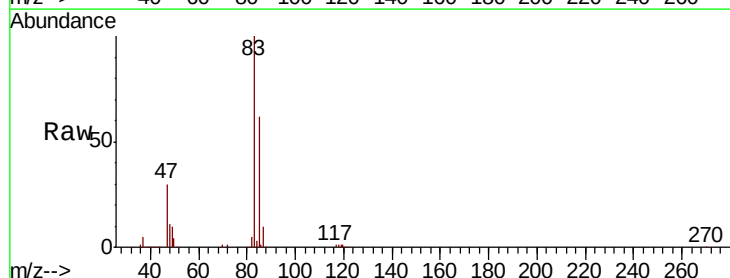
Acq: 19 Jun 2019 15:40

Tgt Ion: 83 Resp: 901018

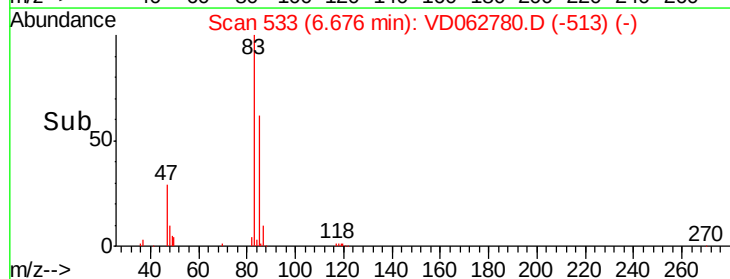
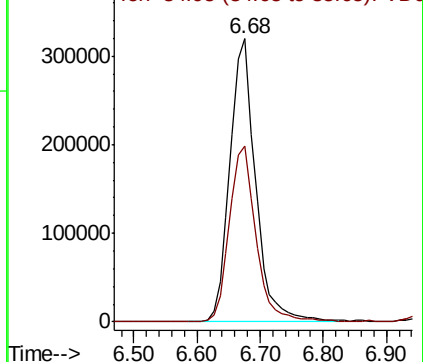
Ion Ratio Lower Upper

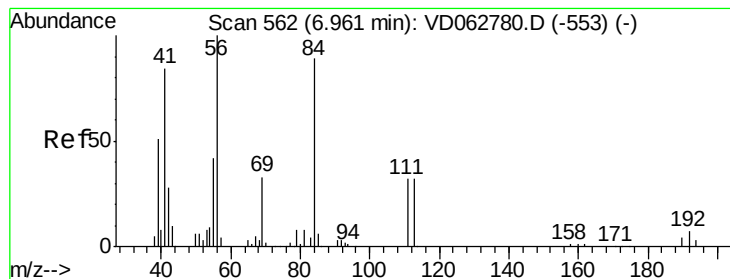
83 100

85 62.2 49.8 74.6



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 51.034 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

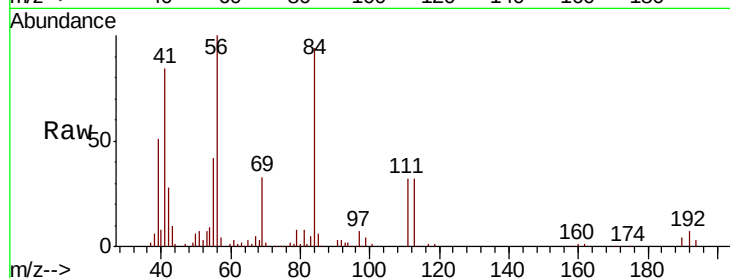
Tot Ion: 56 Resp: 483383

Ion Ratio Lower Upper

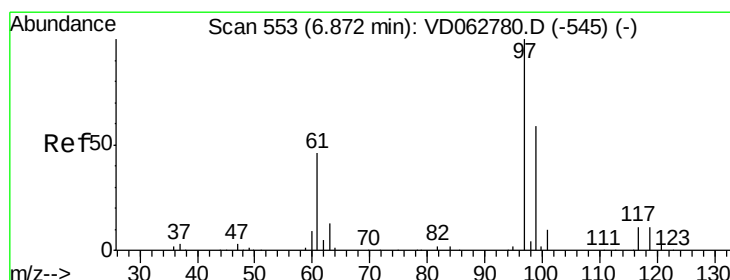
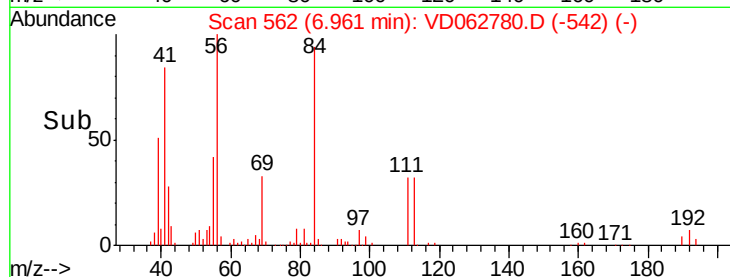
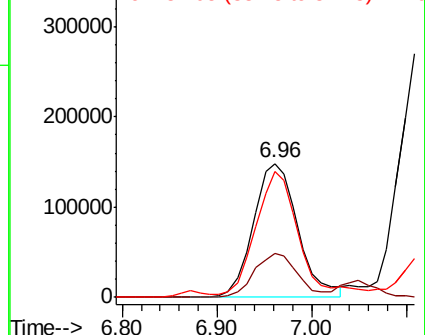
56 100

69 33.2 26.6 39.8

84 94.4 75.5 113.3



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 52.543 ug/l

RT: 6.87 min Scan# 553

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

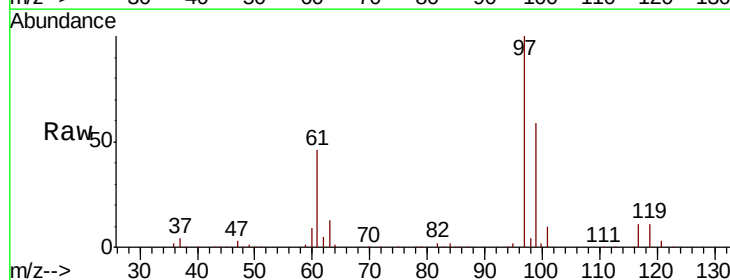
Tgt Ion: 97 Resp: 958961

Ion Ratio Lower Upper

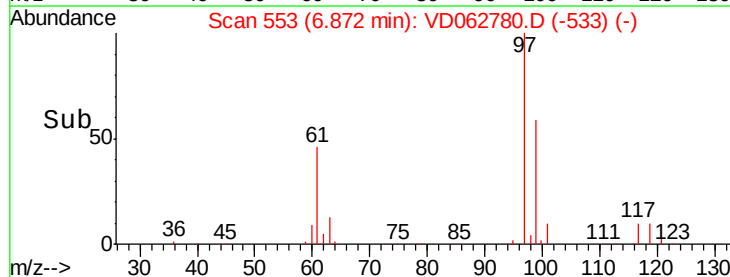
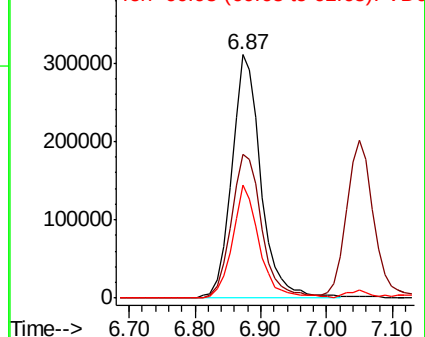
97 100

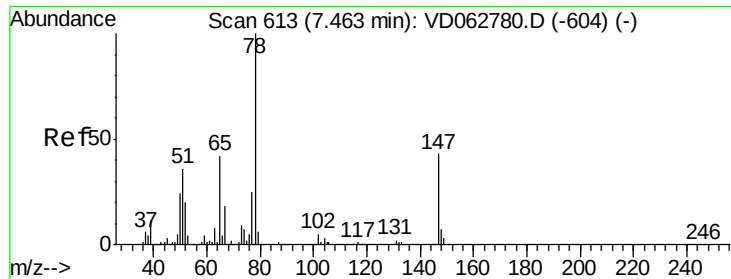
99 59.3 47.4 71.2

61 46.5 37.2 55.8



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

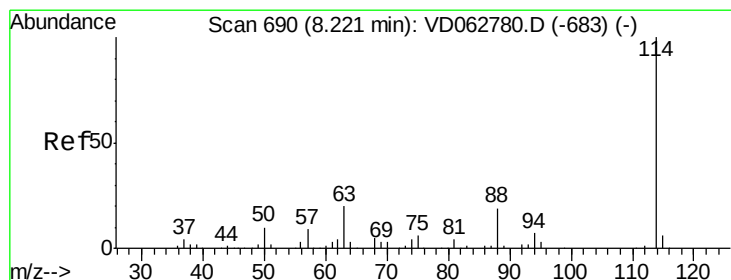
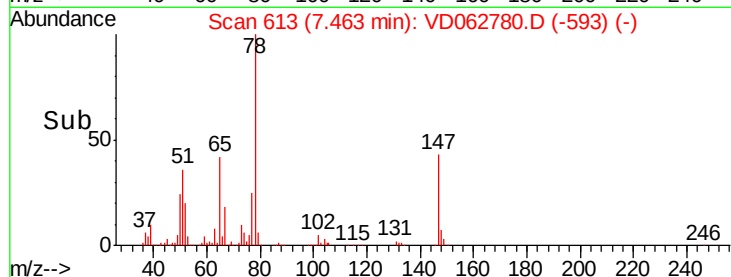
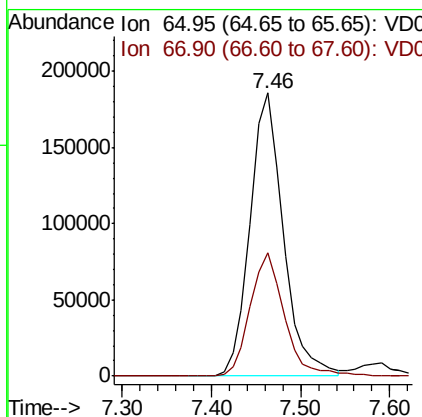
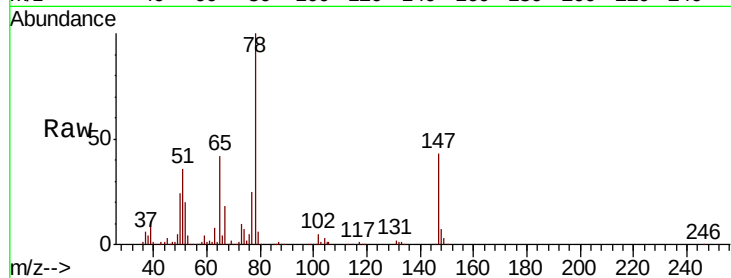




#33
 1,2-Dichloroethane-d4
 Concen: 47.513 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

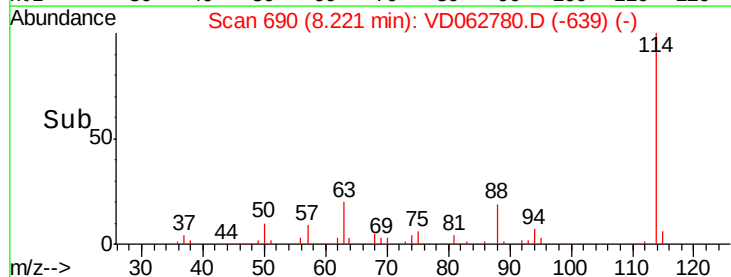
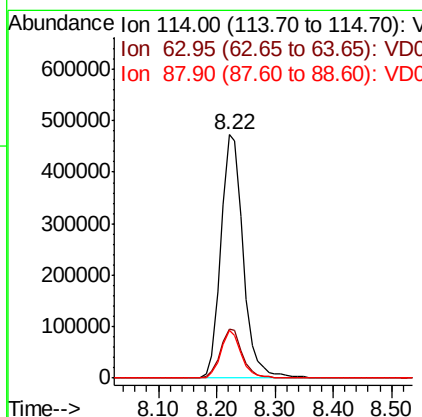
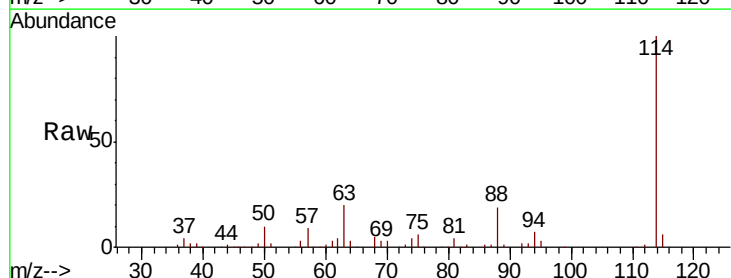
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

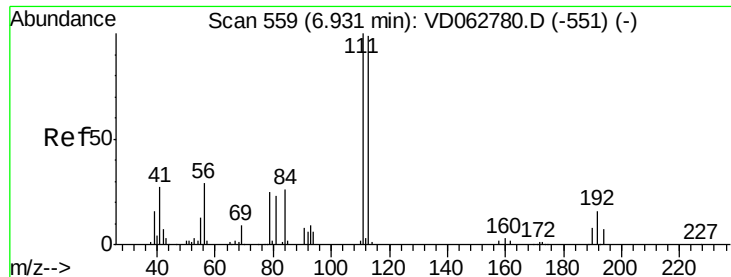
Tot Ion: 65 Resp: 479234
 Ion Ratio Lower Upper
 65 100
 67 43.7 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 114 Resp: 1253603
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 19.4 0.0 38.8

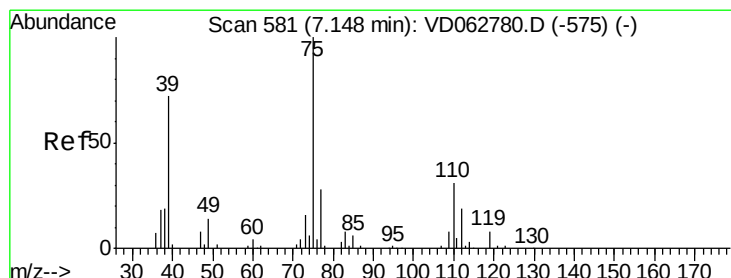
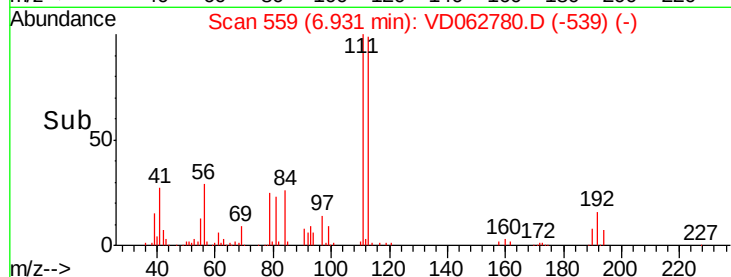
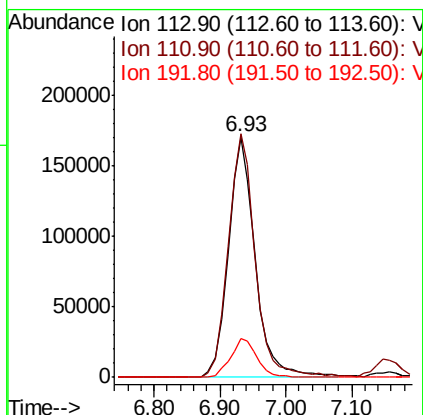
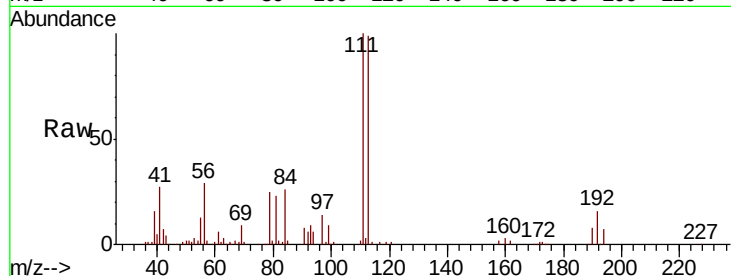




#35
 Dibromofluoromethane
 Concen: 45.815 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

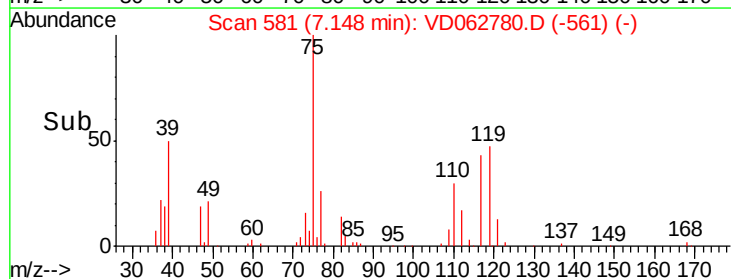
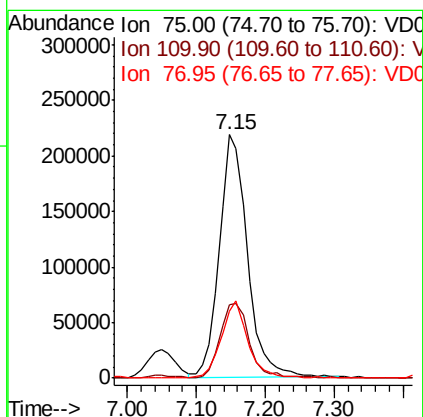
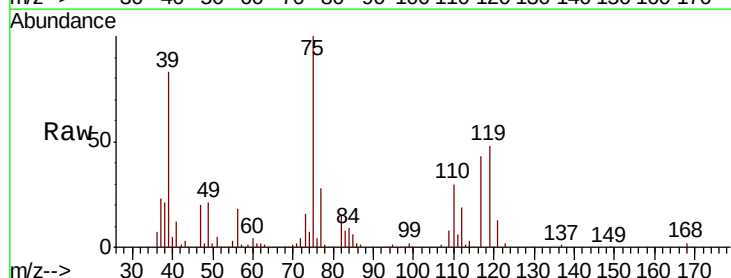
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

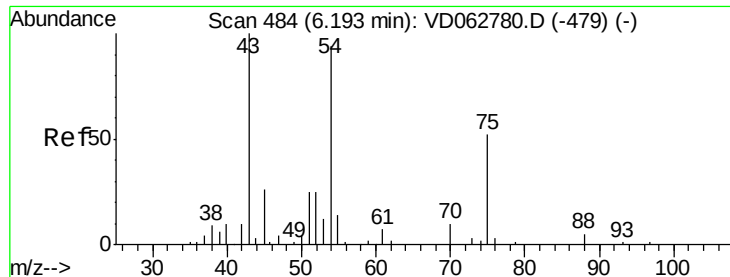
Tot Ion:113 Resp: 484281
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.2 121.8
 192 16.1 12.9 19.3



#36
 1,1-Dichloropropene
 Concen: 51.908 ug/l
 RT: 7.15 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 75 Resp: 615997
 Ion Ratio Lower Upper
 75 100
 110 30.1 15.0 45.1
 77 27.7 22.2 33.2

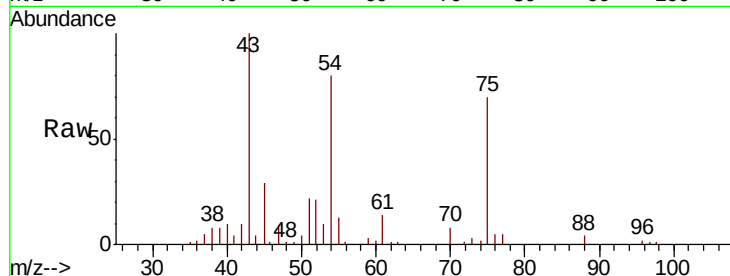




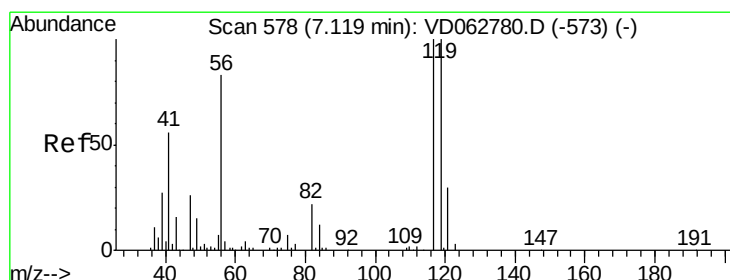
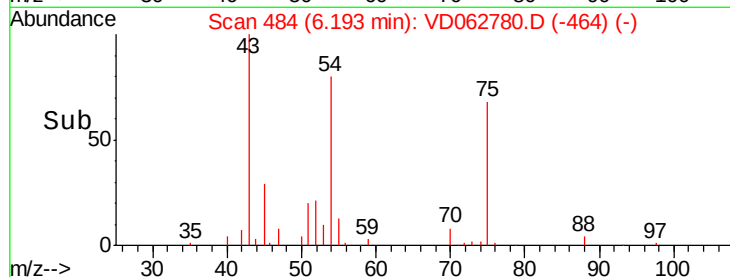
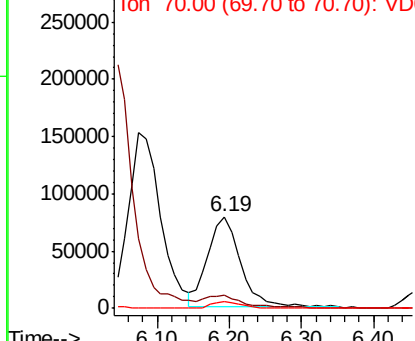
#37
Ethyl Acetate
Concen: 45.796 ug/l
RT: 6.19 min Scan# 484
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 248882
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 8.0 6.4 9.6

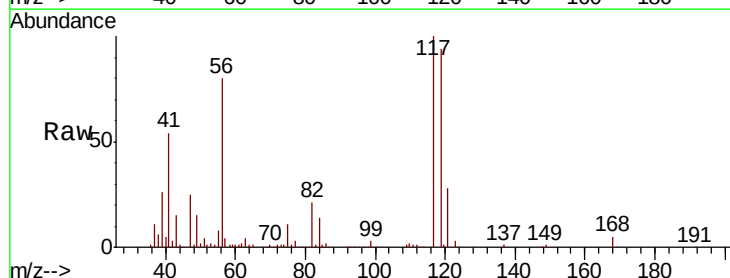


Abundance Ion 42.95 (42.65 to 43.65): VD0
Ion 60.95 (60.65 to 61.65): VD0
Ion 70.00 (69.70 to 70.70): VD0

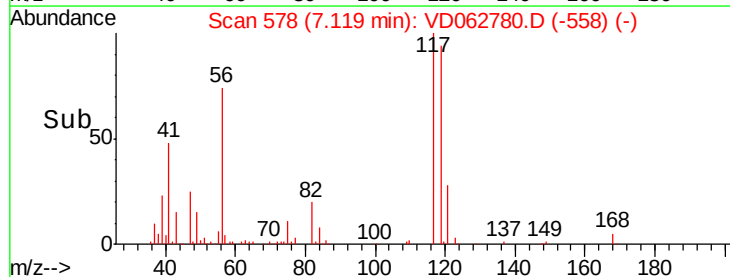
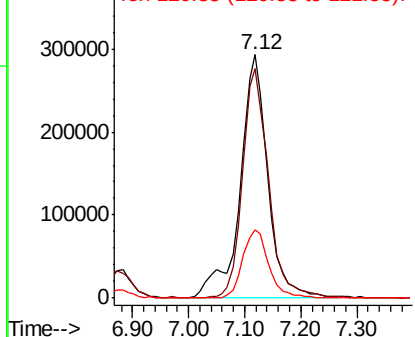


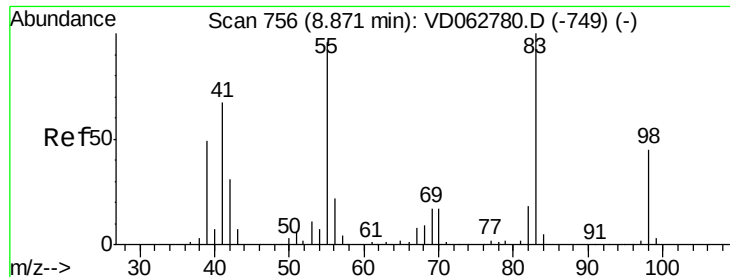
#38
Carbon Tetrachloride
Concen: 55.402 ug/l
RT: 7.12 min Scan# 578
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 117 Resp: 1006915
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2
121 27.9 22.3 33.5



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

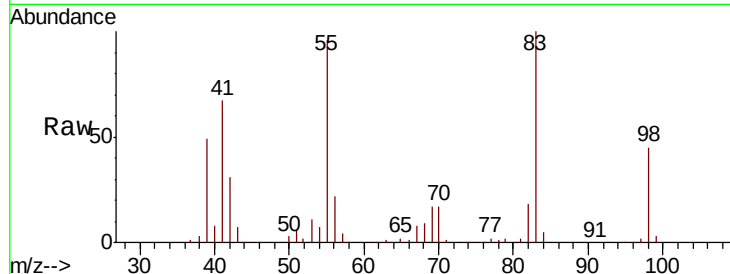




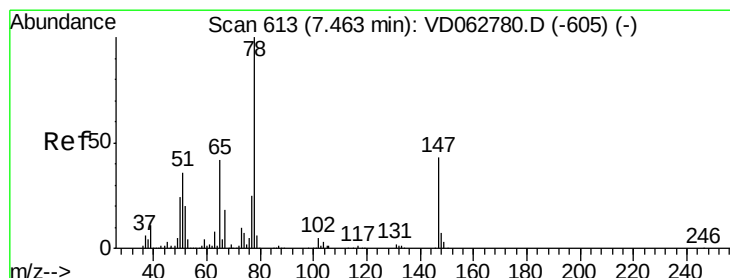
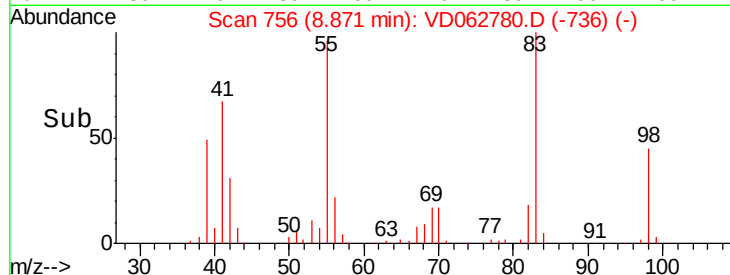
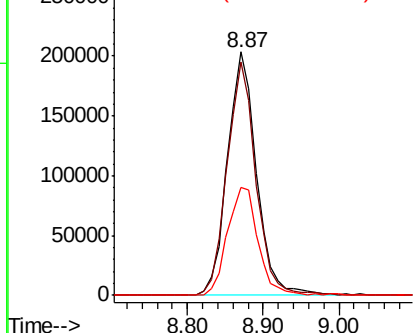
#39
Methylvlcyclohexane
Concen: 51.551 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 538496
Ion Ratio Lower Upper
83 100
55 95.8 76.6 115.0
98 44.6 35.7 53.5

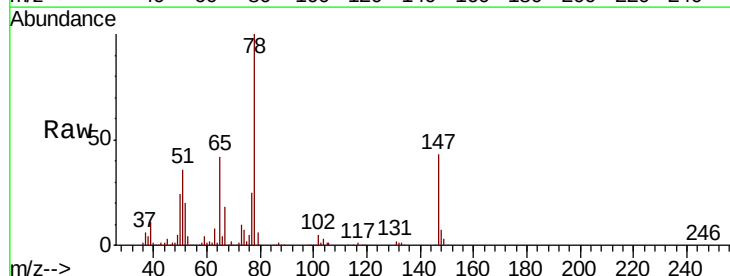


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

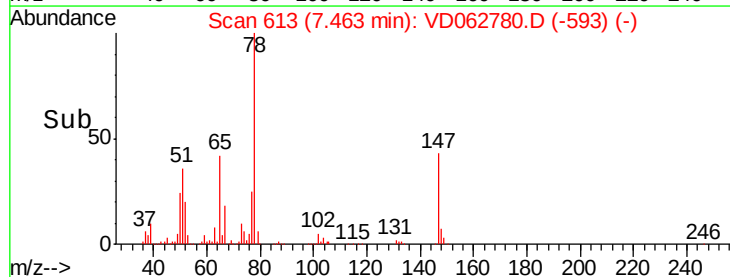
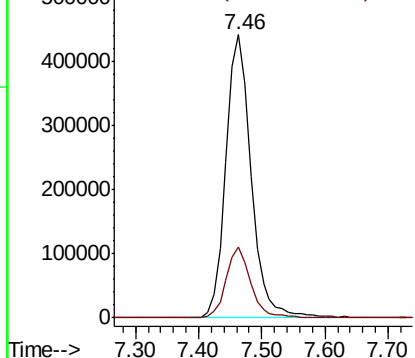


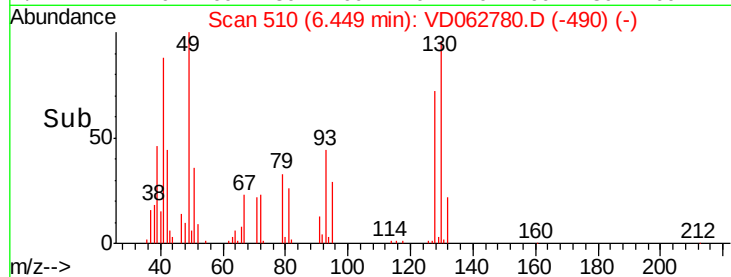
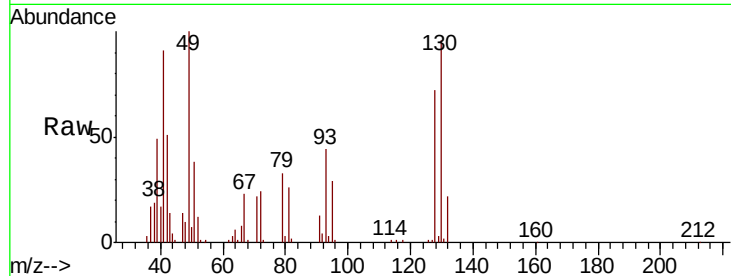
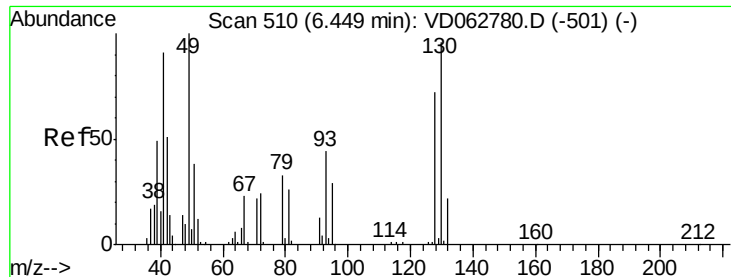
#40
Benzene
Concen: 51.576 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 78 Resp: 1228584
Ion Ratio Lower Upper
78 100
77 25.2 20.2 30.2



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 50.431 ug/l

RT: 6.45 min Scan# 510

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 315613

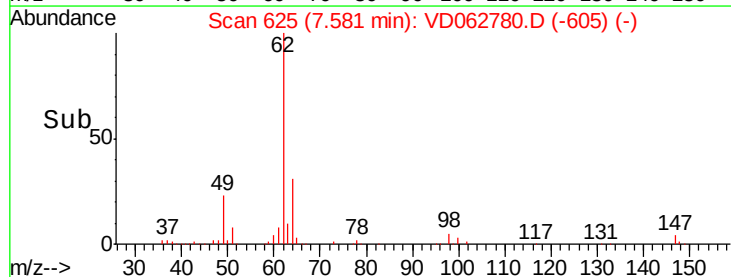
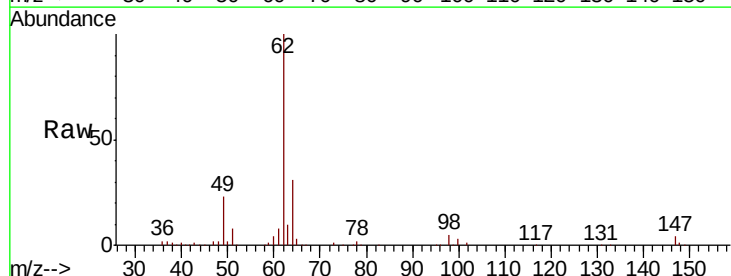
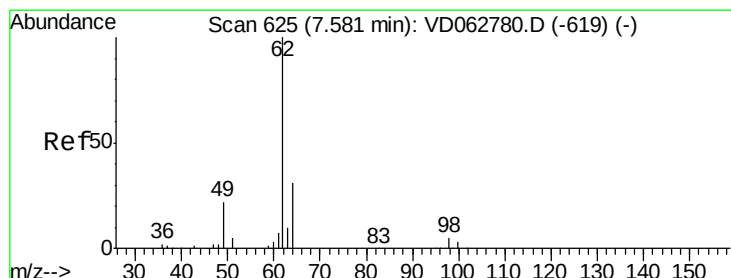
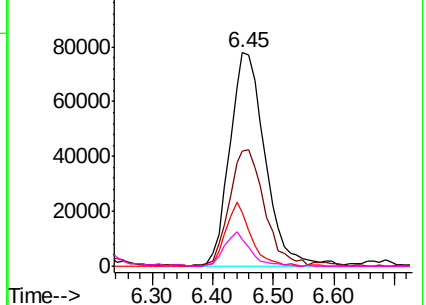
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	24.9	19.9	29.9
52	12.8	10.2	15.4

Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 52.442 ug/l

RT: 7.58 min Scan# 625

Delta R.T. 0.00 min

Lab File: VD062780.D

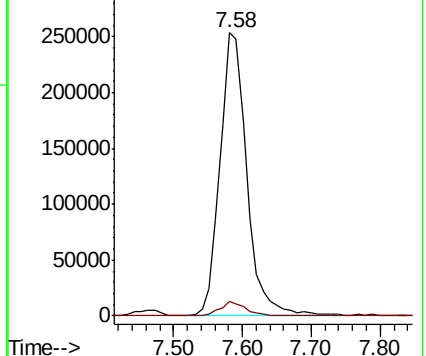
Acq: 19 Jun 2019 15:40

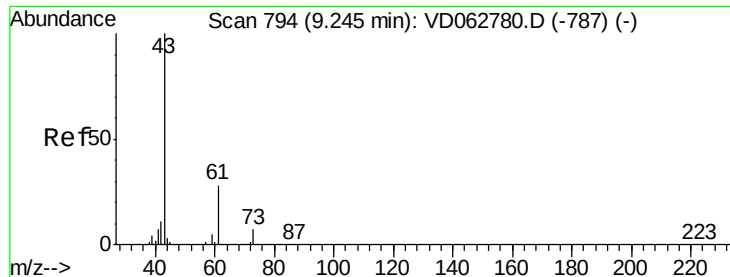
Tgt Ion: 62 Resp: 681474

Ion	Ratio	Lower	Upper
62	100		
98	5.0	0.0	10.0

Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 53.065 ug/l

RT: 9.24 min Scan# 794

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

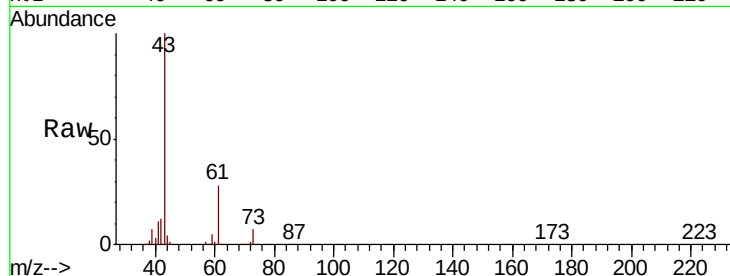
Tot Ion: 43 Resp: 330145

Ion Ratio Lower Upper

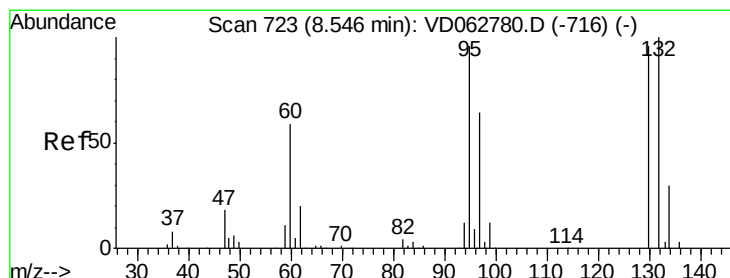
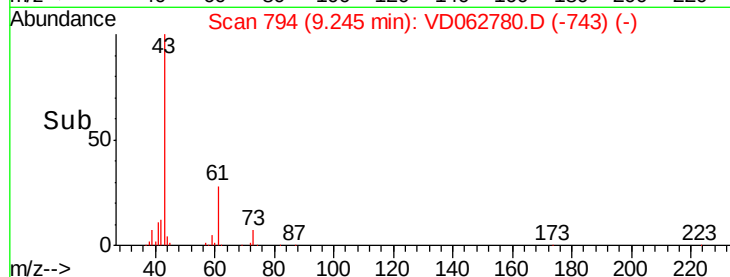
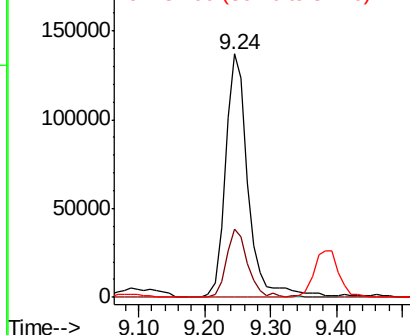
43 100

61 28.0 22.4 33.6

87 0.4 0.3 0.5



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 52.037 ug/l

RT: 8.55 min Scan# 723

Delta R.T. 0.00 min

Lab File: VD062780.D

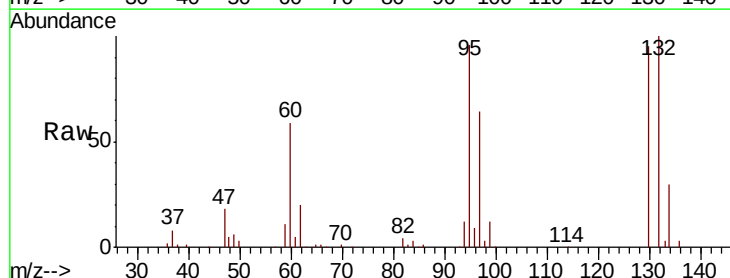
Acq: 19 Jun 2019 15:40

Tgt Ion:130 Resp: 485969

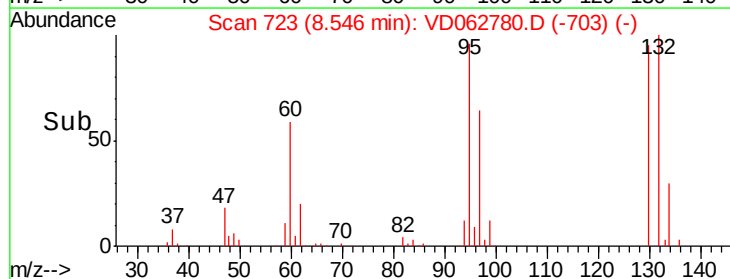
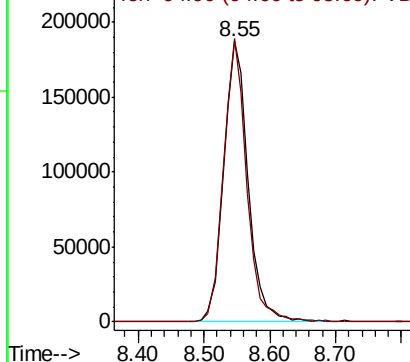
Ion Ratio Lower Upper

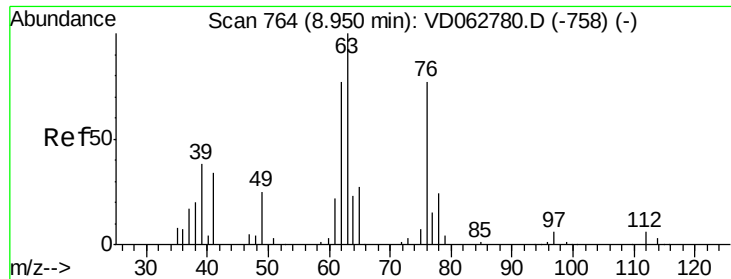
130 100

95 100.8 0.0 201.6



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

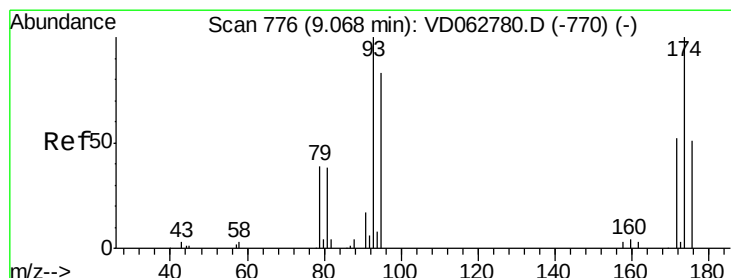
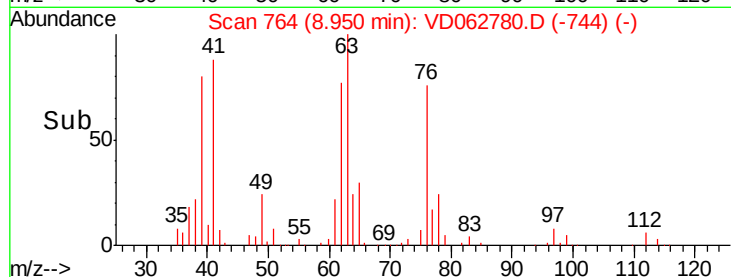
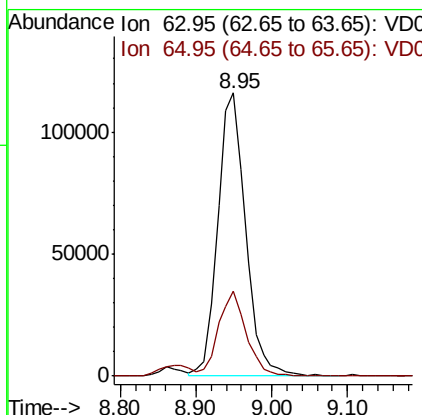
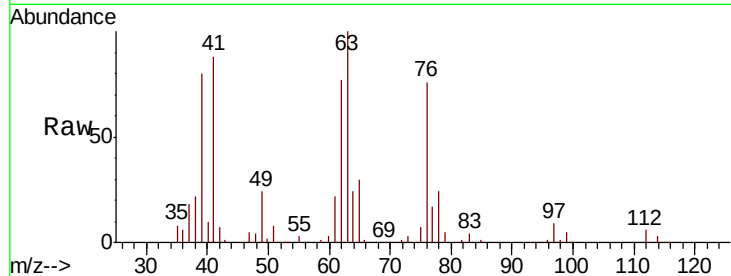




#45
 1,2-Dichloropropane
 Concen: 50.166 ug/l
 RT: 8.95 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

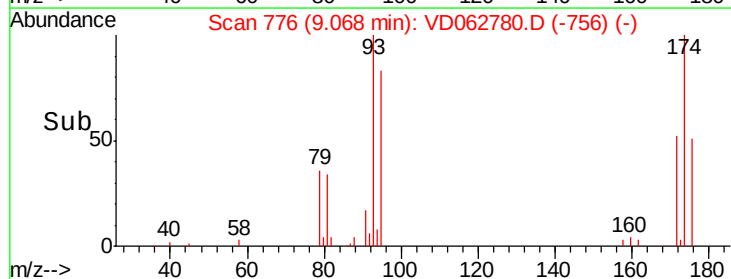
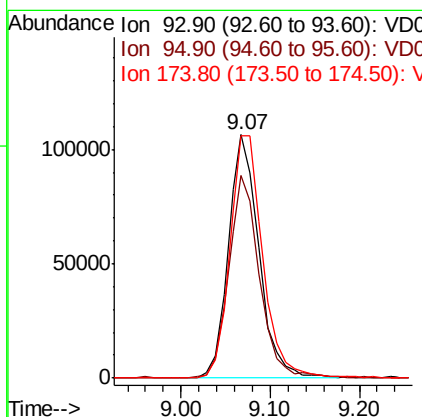
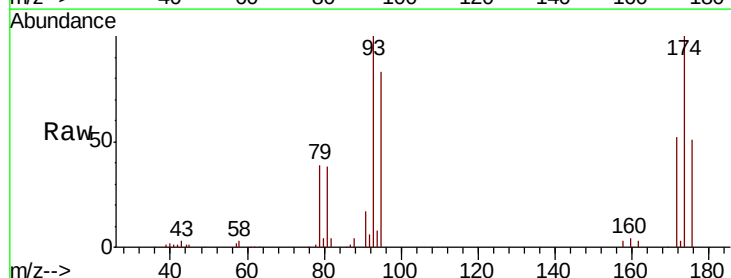
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

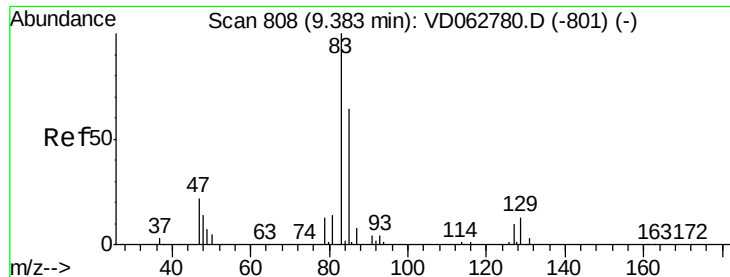
Tot Ion: 63 Resp: 297148
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.2



#46
 Dibromomethane
 Concen: 50.136 ug/l
 RT: 9.07 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 93 Resp: 255097
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 99.6 79.7 119.5





#47

Bromodichloromethane

Concen: 54.023 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

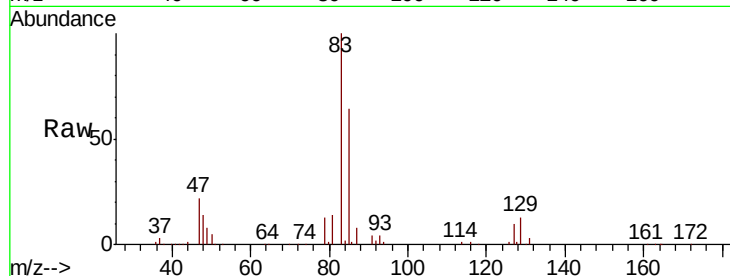
Tot Ion: 83 Resp: 713886

Ion Ratio Lower Upper

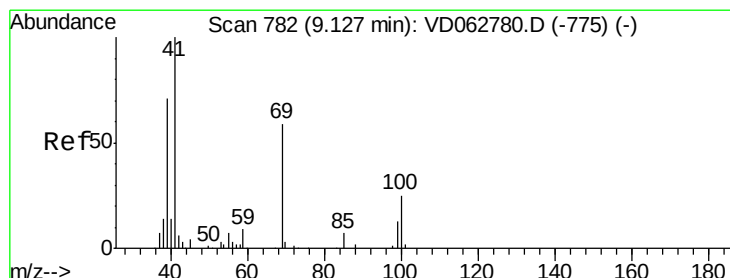
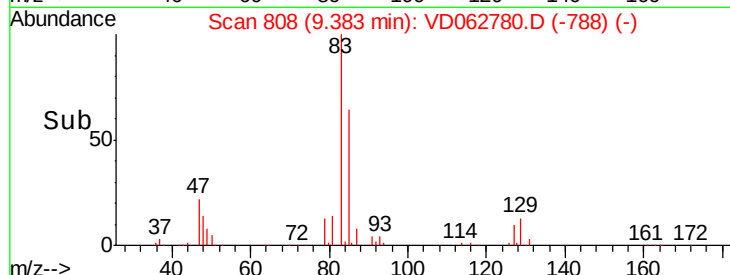
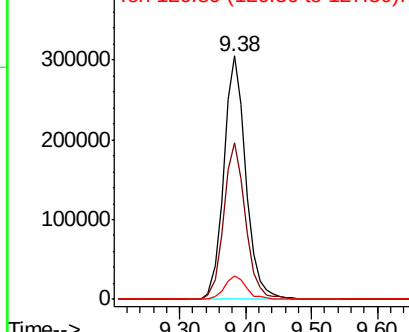
83 100

85 64.5 51.6 77.4

127 9.7 7.8 11.6



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 48.790 ug/l

RT: 9.13 min Scan# 782

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

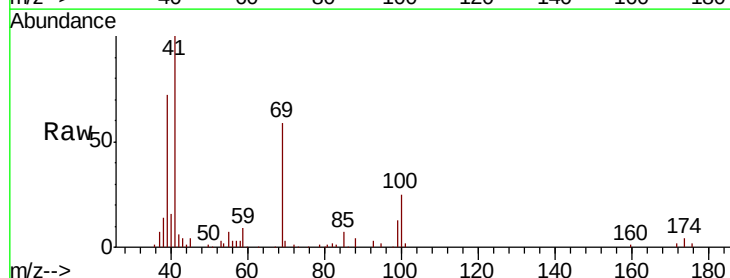
Tgt Ion: 41 Resp: 215713

Ion Ratio Lower Upper

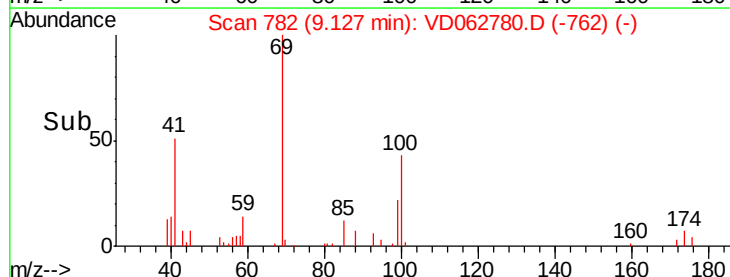
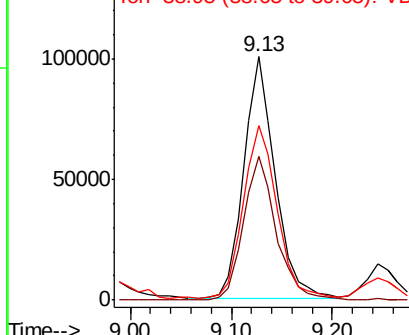
41 100

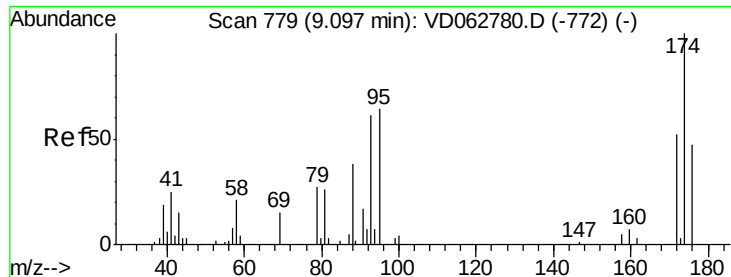
69 59.0 47.2 70.8

39 71.8 57.4 86.2



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

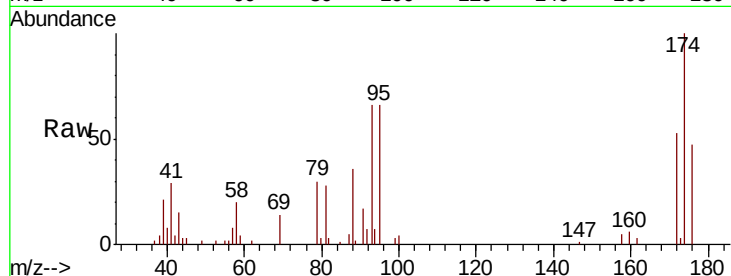




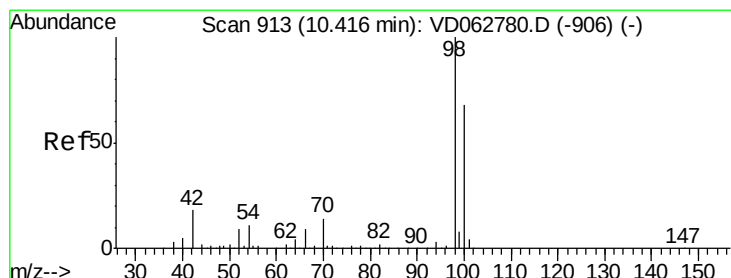
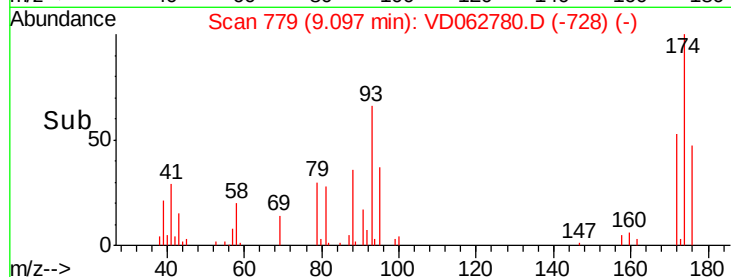
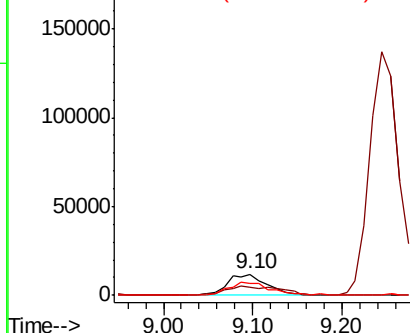
#49
1,4-Dioxane
Concen: 1006.146 ug/l
RT: 9.10 min Scan# 779
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 37009
Ion Ratio Lower Upper
88 100
43 40.1 32.1 48.1
58 55.1 44.1 66.1

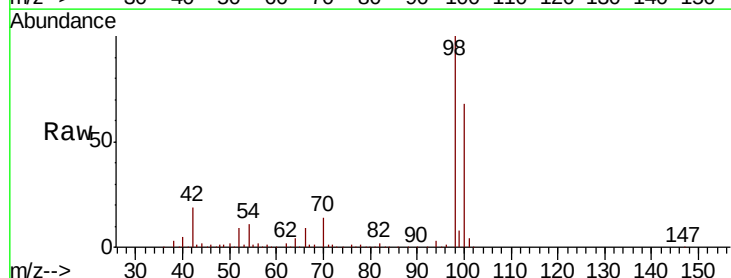


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

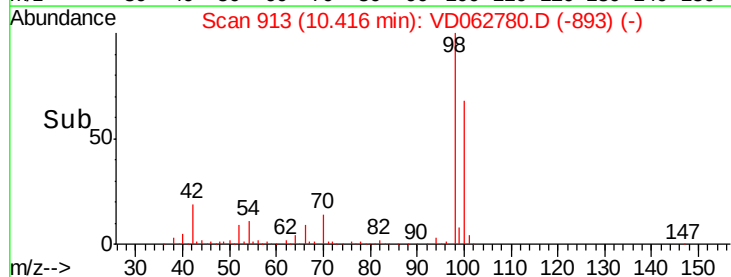
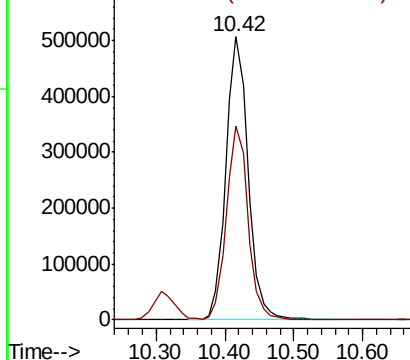


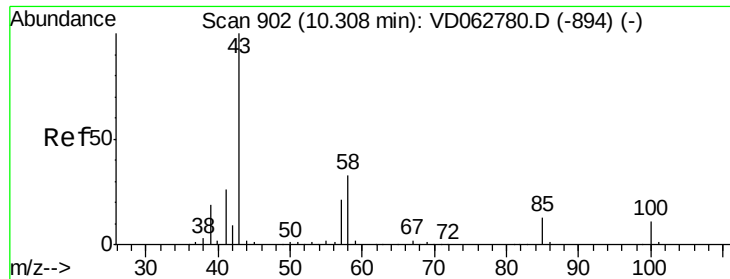
#50
Toluene-d8
Concen: 49.218 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 98 Resp: 1132303
Ion Ratio Lower Upper
98 100
100 68.4 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 248.256 ug/l

RT: 10.31 min Scan# 902

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

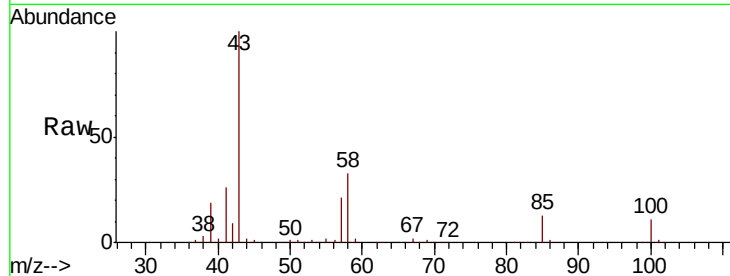
VSTDICCC050

Tot Ion: 43 Resp: 1095064

Ion Ratio Lower Upper

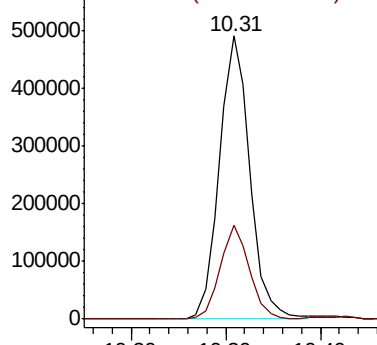
43 100

58 33.3 26.6 40.0

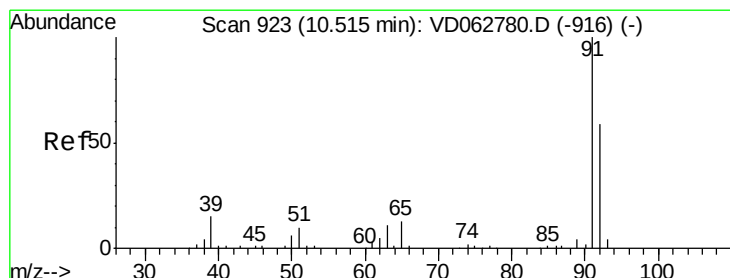
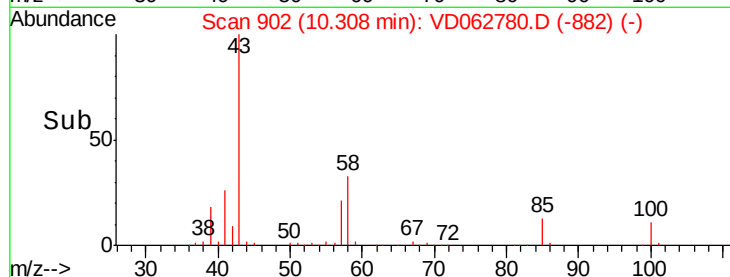


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->



#52

Toluene

Concen: 51.719 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: VD062780.D

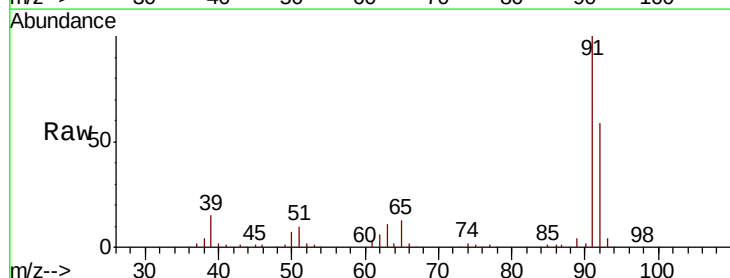
Acq: 19 Jun 2019 15:40

Tgt Ion: 92 Resp: 828153

Ion Ratio Lower Upper

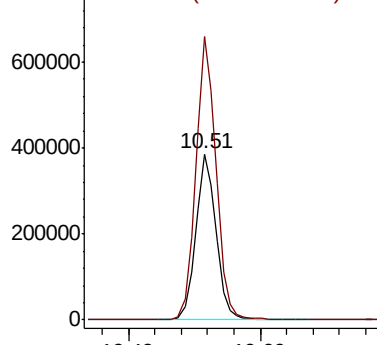
92 100

91 170.4 136.3 204.5

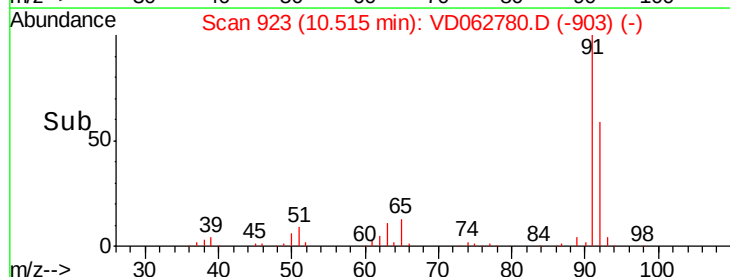


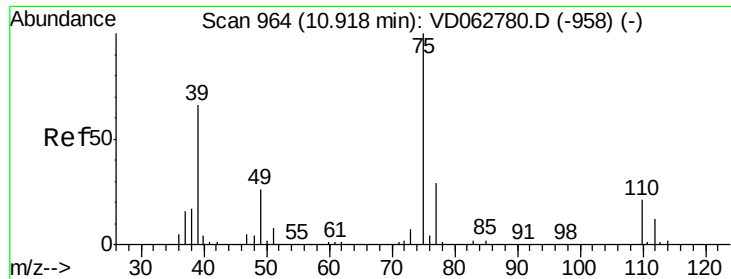
Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time-->

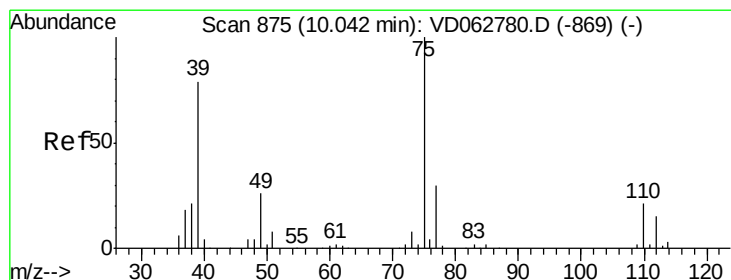
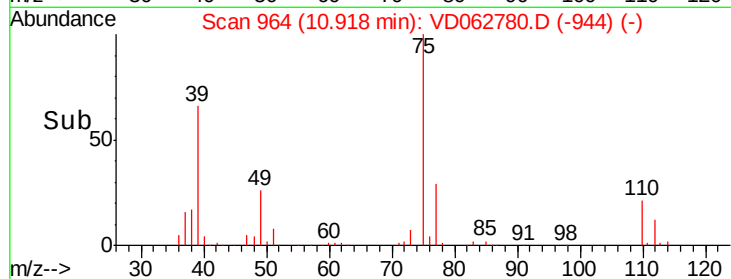
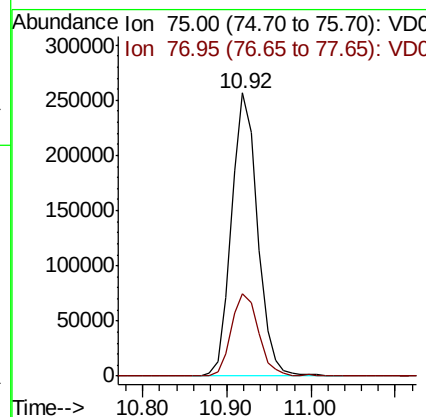
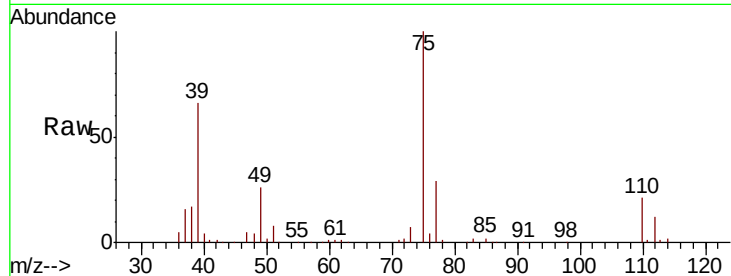




#53
 t-1,3-Dichloropropene
 Concen: 51.008 ug/l
 RT: 10.92 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

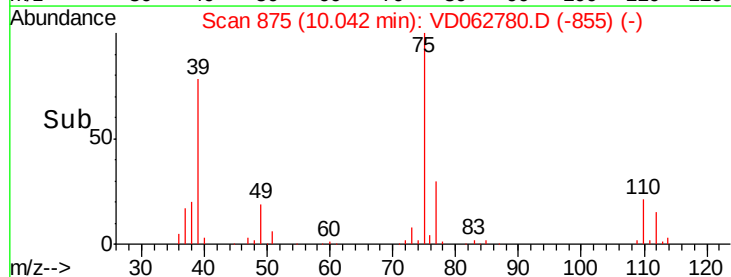
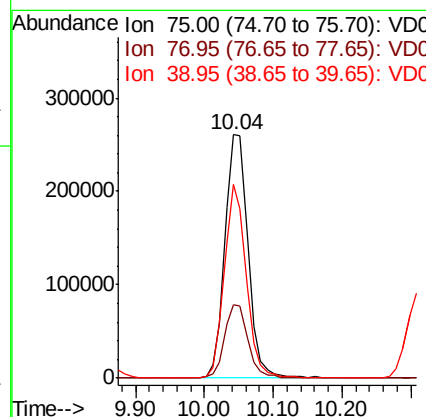
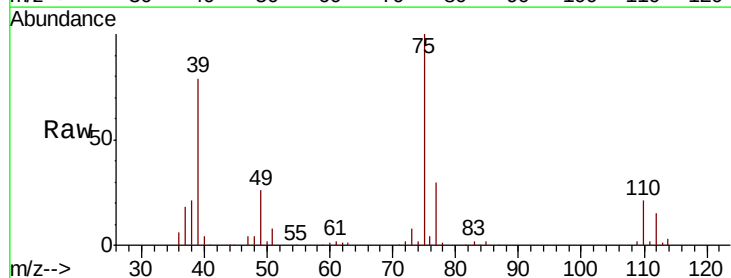
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

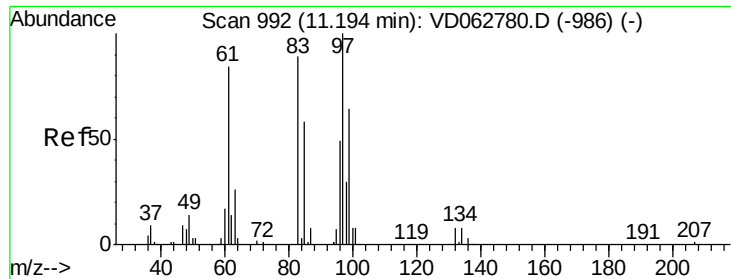
Tot Ion: 75 Resp: 551697
 Ion Ratio Lower Upper
 75 100
 77 29.0 23.2 34.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.815 ug/l
 RT: 10.04 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 75 Resp: 609127
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.2 36.2
 39 79.4 63.5 95.3

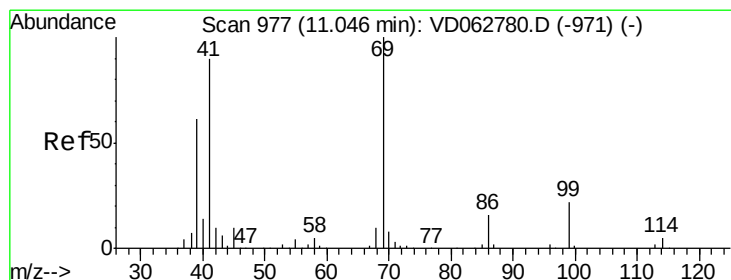
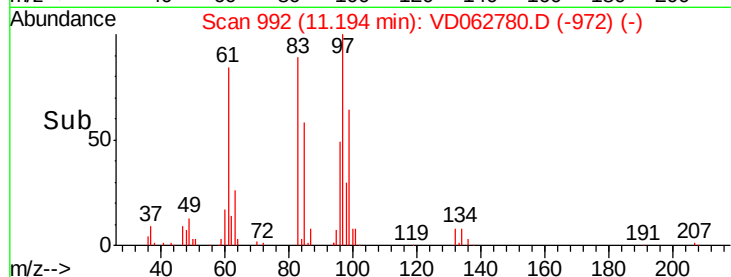
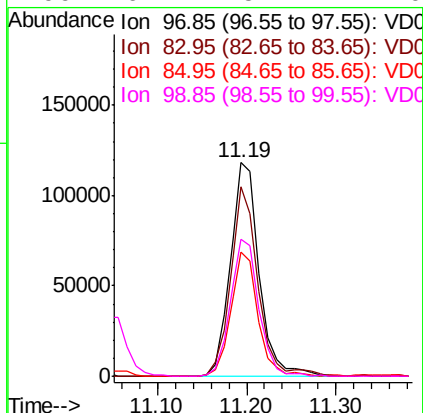
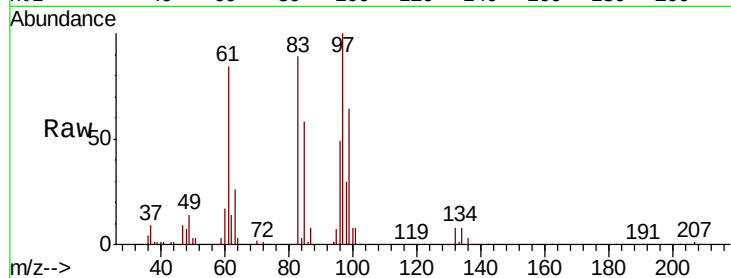




#55
 1,1,2-Trichloroethane
 Concen: 48.615 ug/l
 RT: 11.19 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

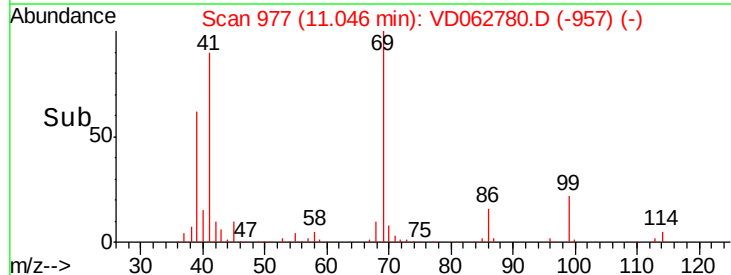
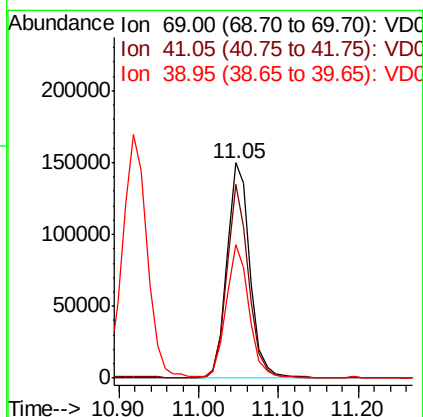
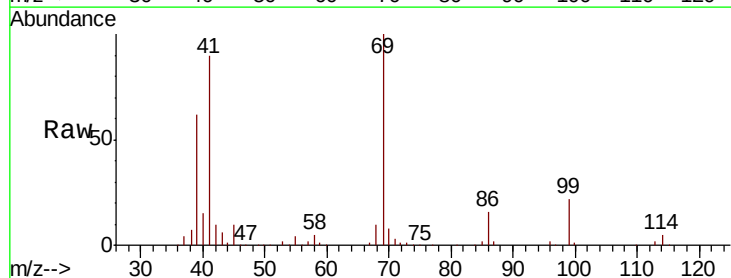
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

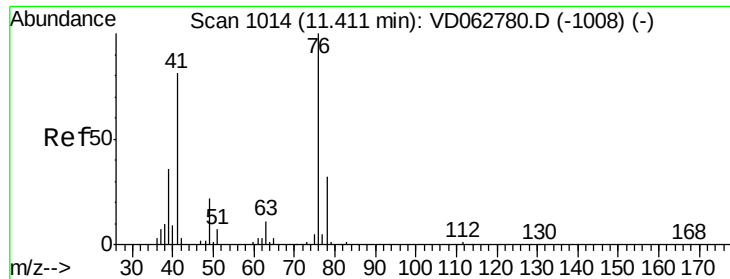
Tot Ion:	97	Resp:	267445
Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.0	106.4
85	58.2	46.6	69.8
99	64.2	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 51.671 ug/l
 RT: 11.05 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion:	69	Resp:	303780
Ion	Ratio	Lower	Upper
69	100		
41	90.0	72.0	108.0
39	61.9	49.5	74.3





#57

1,3-Dichloropropane

Concen: 51.210 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

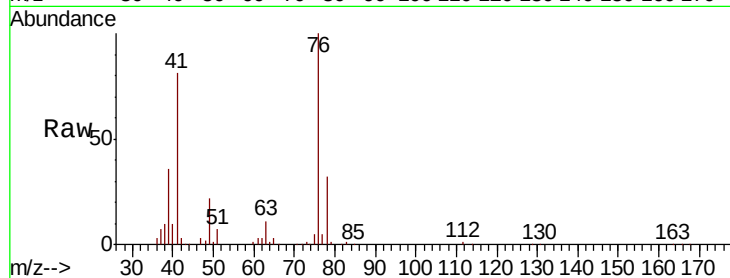
VSTDICCC050

Tot Ion: 76 Resp: 431356

Ion Ratio Lower Upper

76 100

78 31.7 25.4 38.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.41

200000

150000

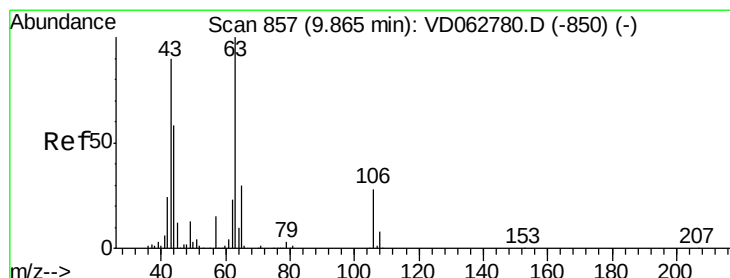
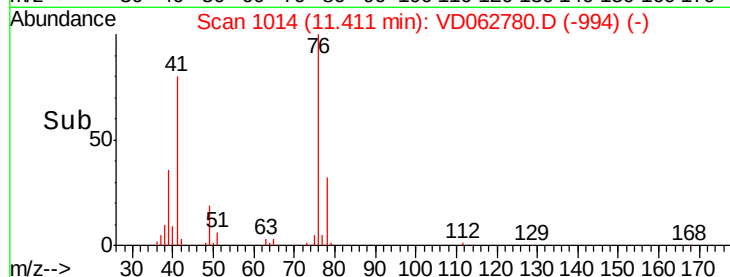
100000

50000

0

Time-->

11.30 11.40 11.50



#58

2-Chloroethyl Vinyl ether

Concen: 247.032 ug/l

RT: 9.87 min Scan# 857

Delta R.T. 0.00 min

Lab File: VD062780.D

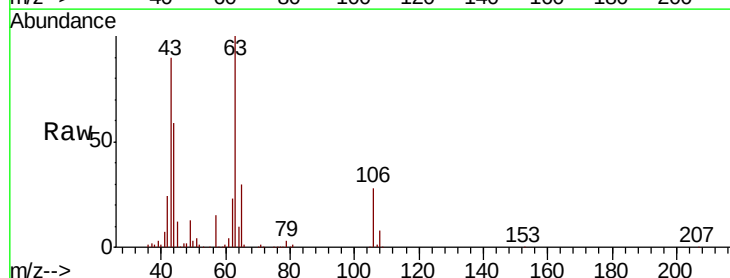
Acq: 19 Jun 2019 15:40

Tgt Ion: 63 Resp: 745609

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

9.87

400000

300000

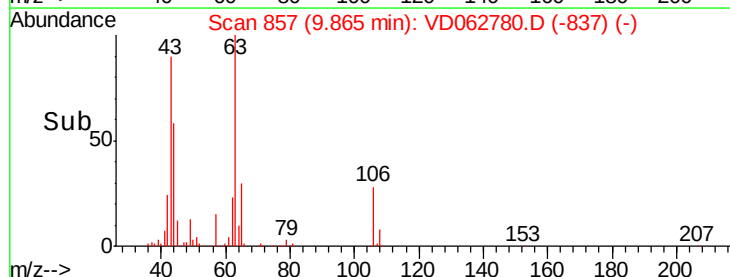
200000

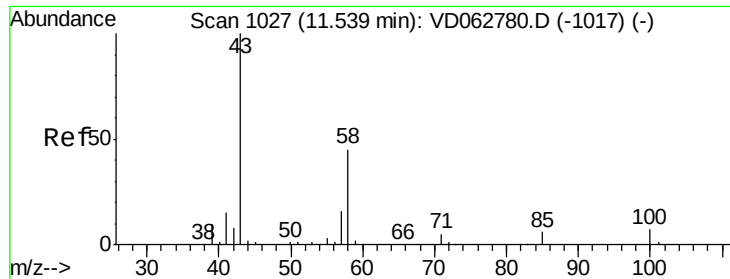
100000

0

Time-->

9.70 9.80 9.90 10.00

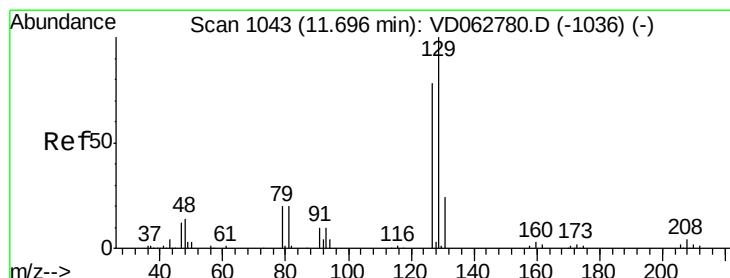
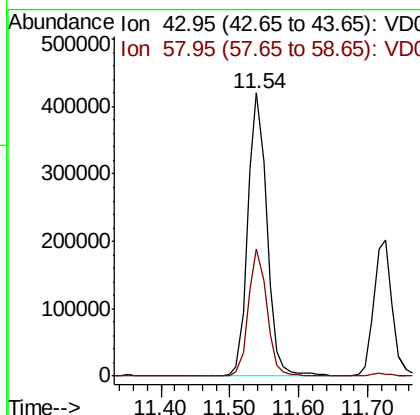
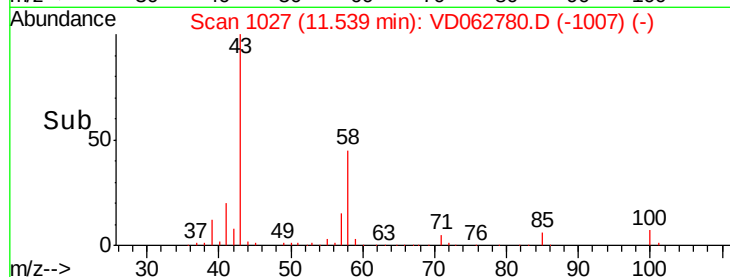
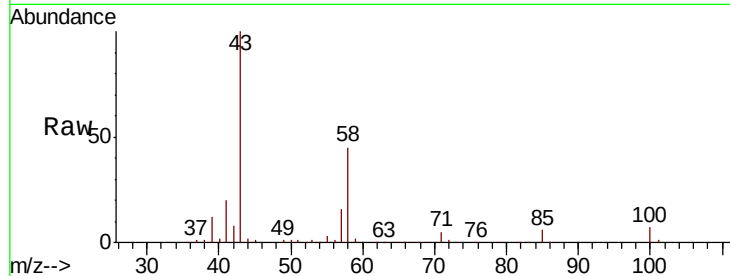




#59
2-Hexanone
Concen: 257.764 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

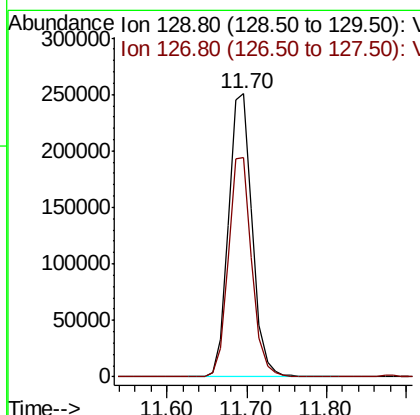
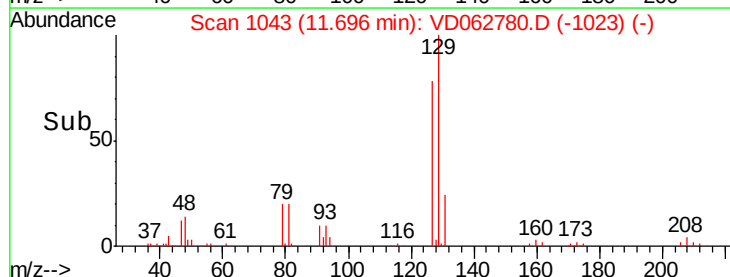
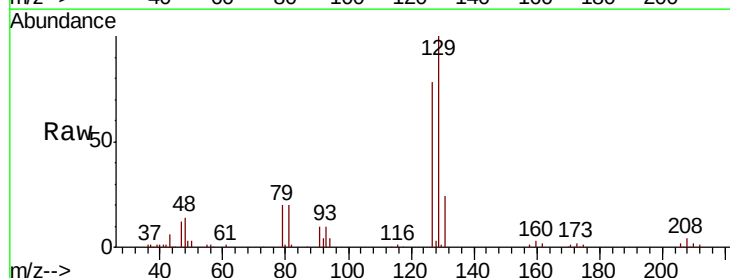
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

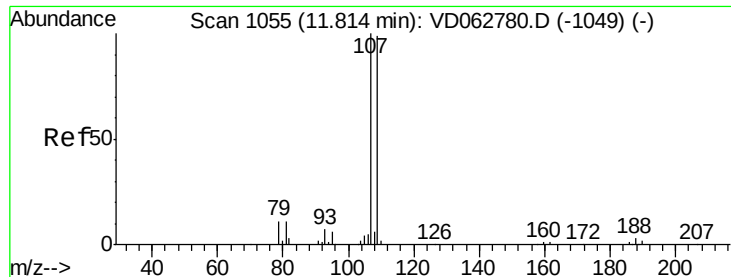
Tot Ion: 43 Resp: 809762
Ion Ratio Lower Upper
43 100
58 44.8 22.4 67.2



#60
Dibromochloromethane
Concen: 50.982 ug/l
RT: 11.70 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 129 Resp: 522409
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.799 ug/l

RT: 11.81 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

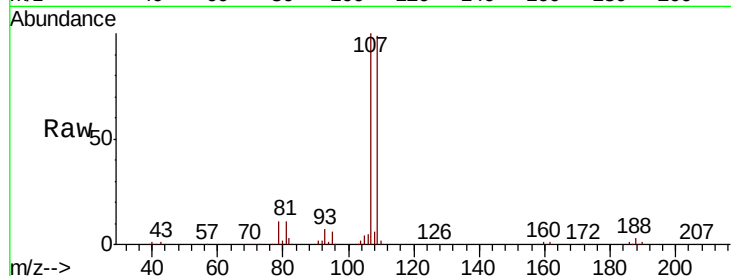
VSTDICCC050

Tot Ion:107 Resp: 330059

Ion Ratio Lower Upper

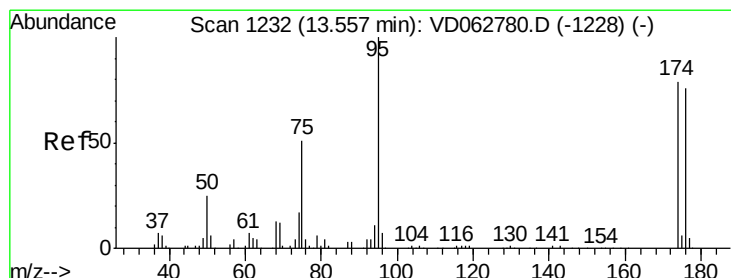
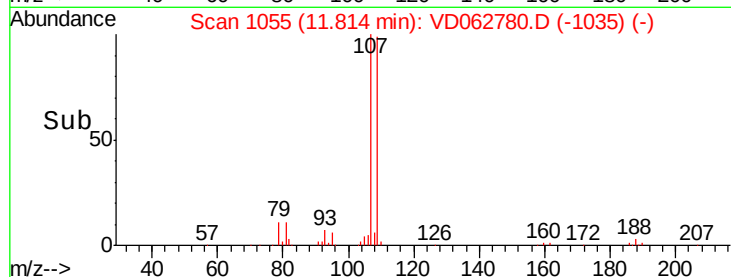
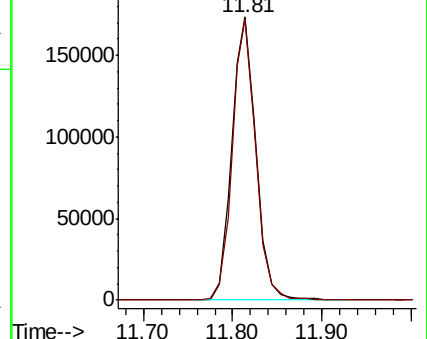
107 100

109 99.1 79.3 118.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 47.390 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

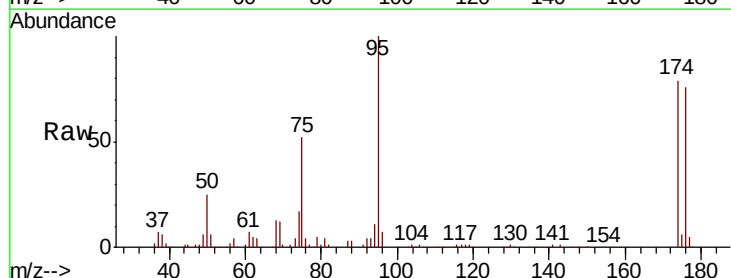
Tgt Ion: 95 Resp: 495747

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.0

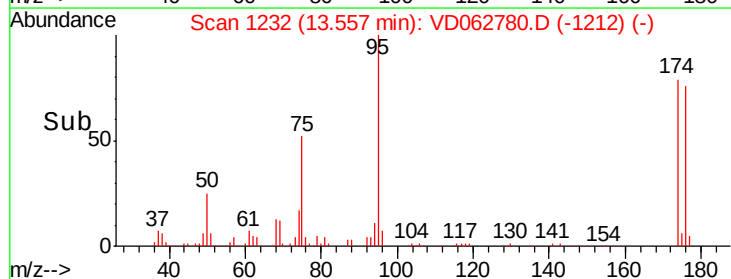
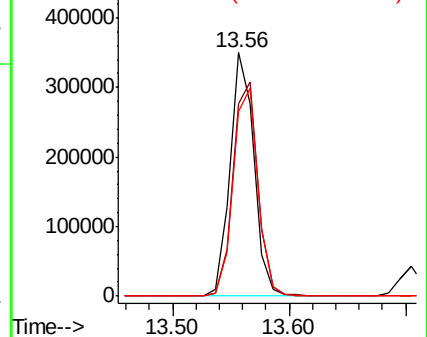
176 75.8 0.0 151.6

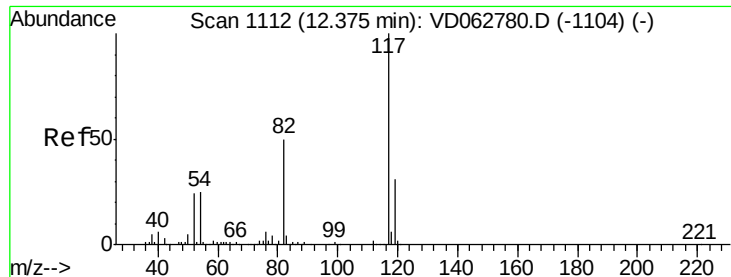


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

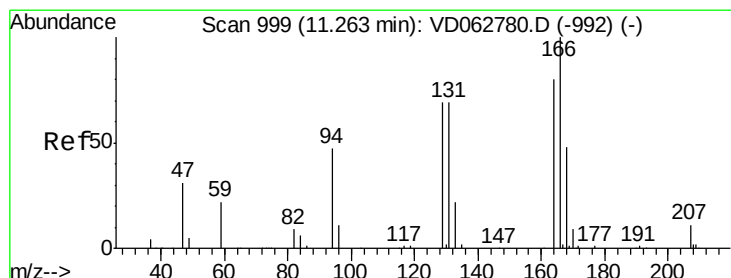
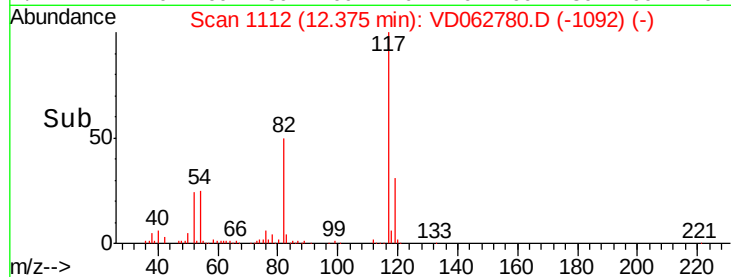
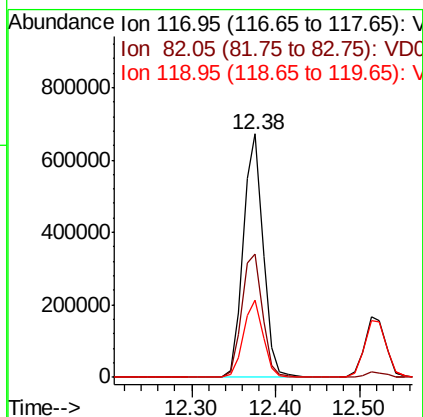
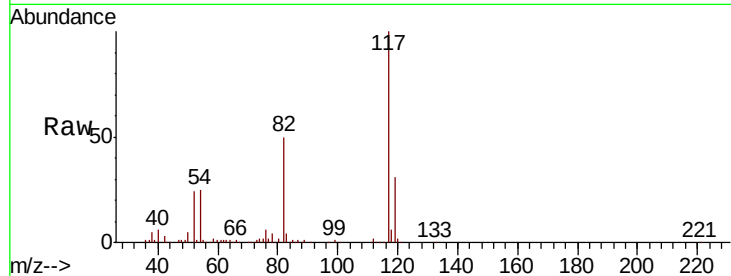




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

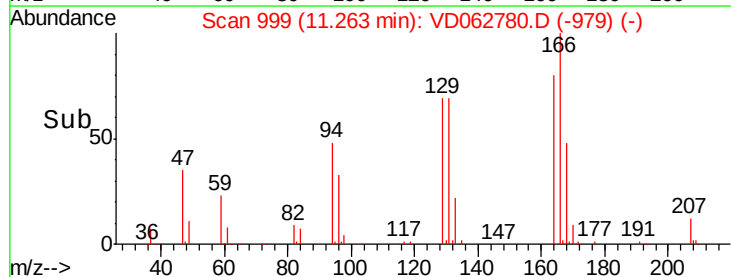
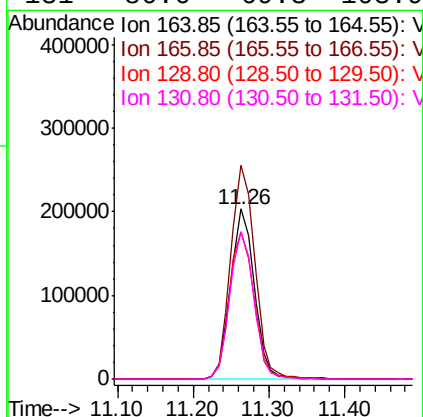
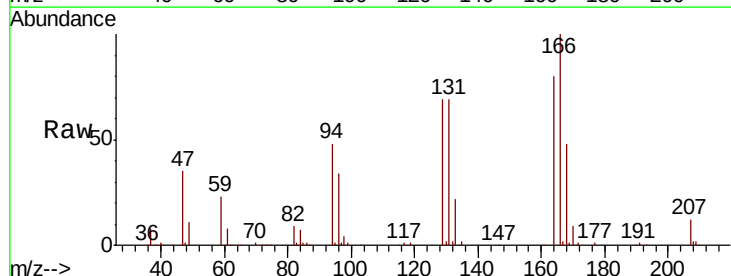
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

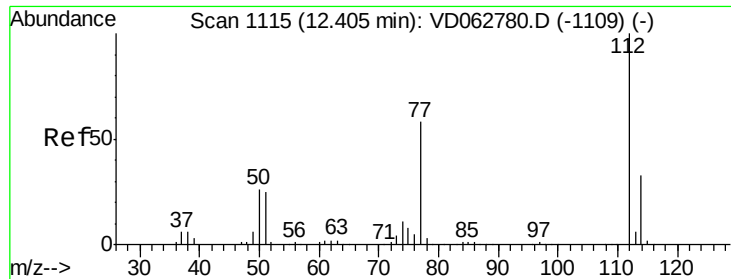
Tot Ion:117 Resp: 1107489
Ion Ratio Lower Upper
117 100
82 50.5 40.4 60.6
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 48.451 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion:164 Resp: 441628
Ion Ratio Lower Upper
164 100
166 125.7 100.6 150.8
129 86.7 69.4 104.0
131 86.6 69.3 103.9

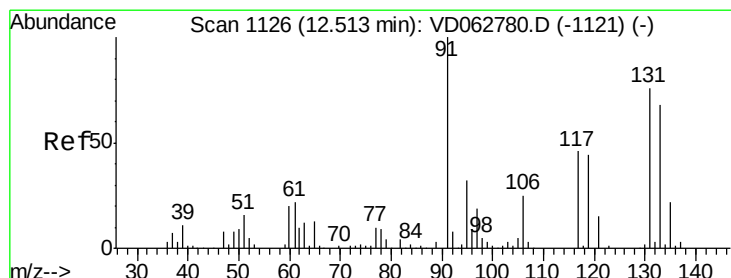
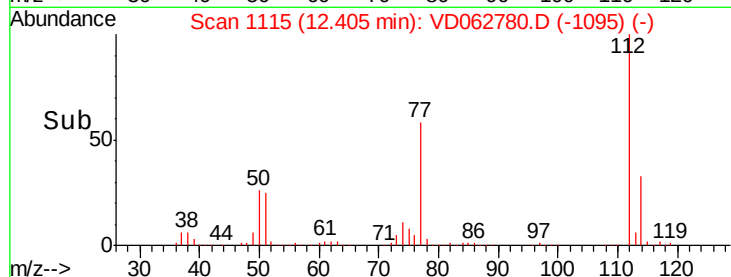
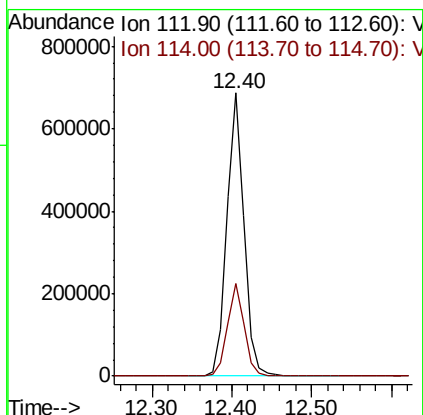
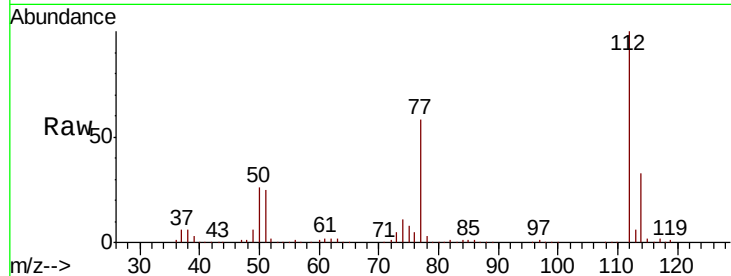




#65
Chlorobenzene
Concen: 50.939 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

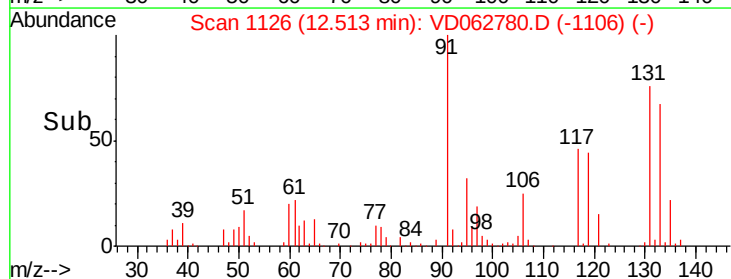
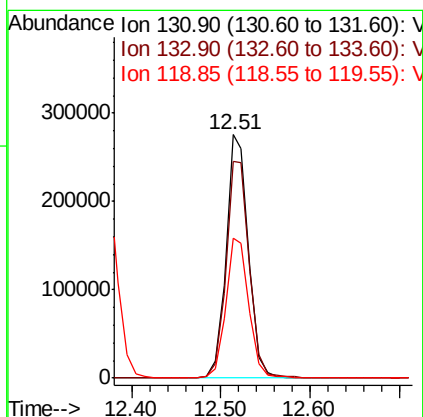
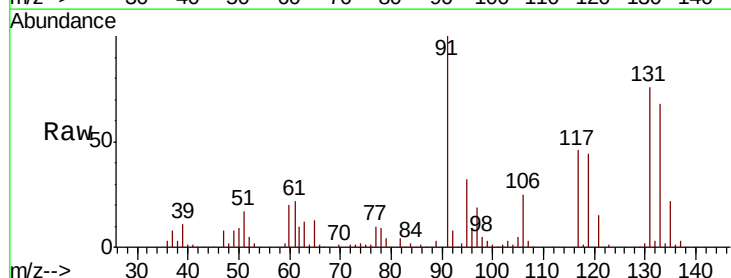
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

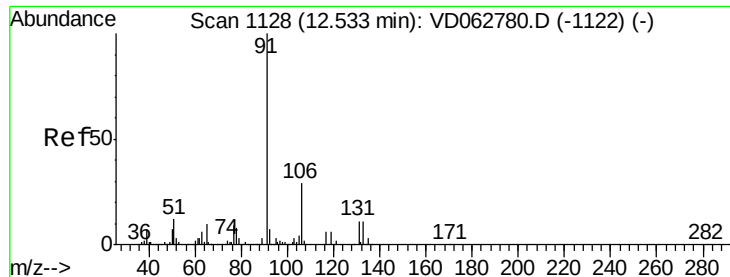
Tot Ion:112 Resp: 1046998
Ion Ratio Lower Upper
112 100
114 32.9 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.282 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion:131 Resp: 483316
Ion Ratio Lower Upper
131 100
133 88.9 44.5 133.3
119 57.3 28.6 85.9

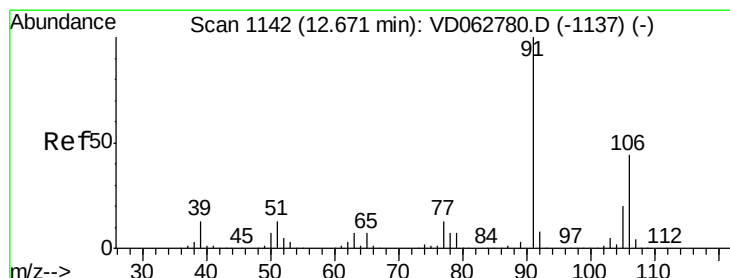
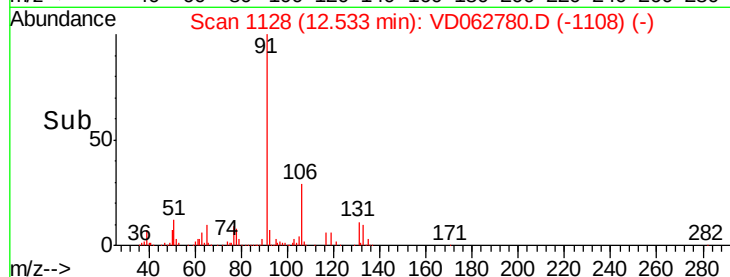
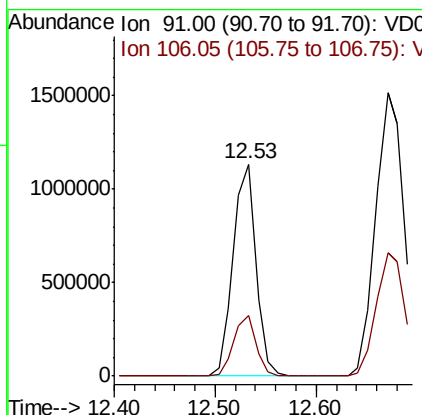
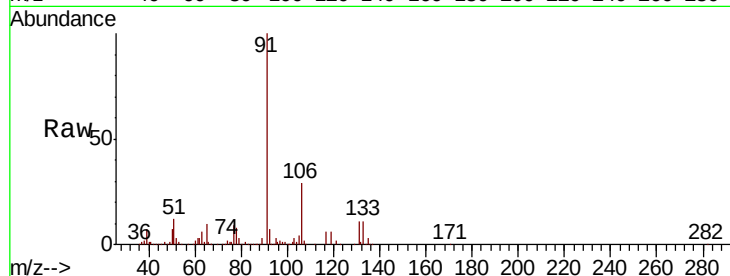




#67
Ethyl Benzene
Concen: 48.552 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

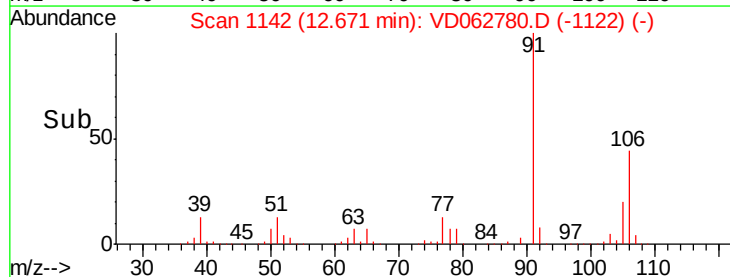
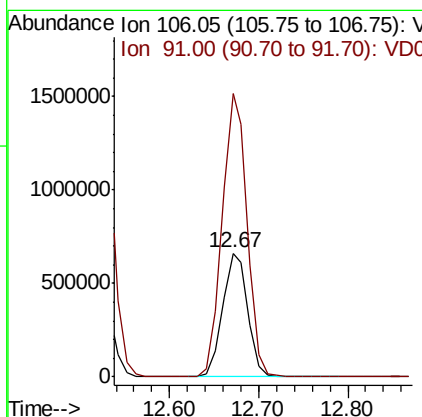
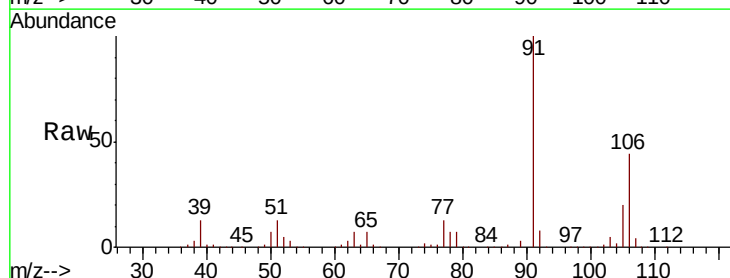
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

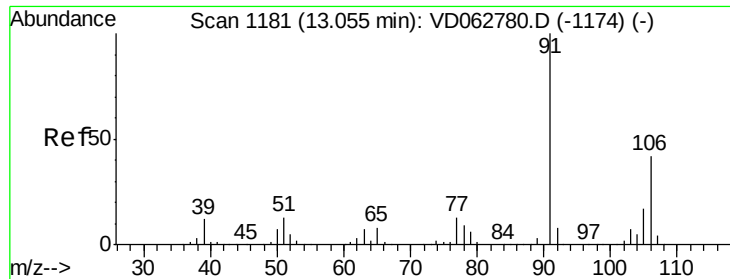
Tot Ion: 91 Resp: 1791683
Ion Ratio Lower Upper
91 100
106 28.9 23.1 34.7



#68
m/p-Xylenes
Concen: 102.051 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 106 Resp: 1311623
Ion Ratio Lower Upper
106 100
91 228.8 183.0 274.6

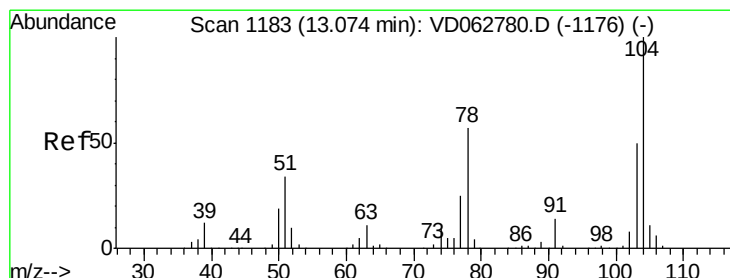
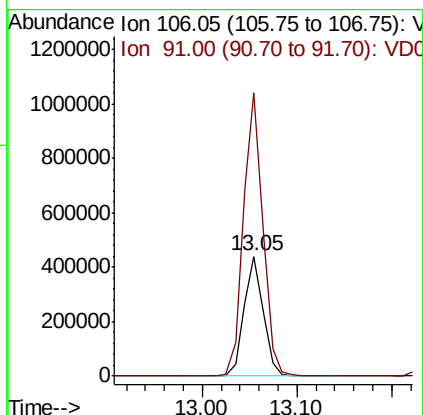
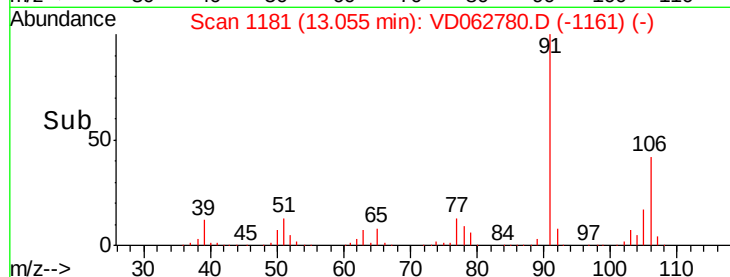
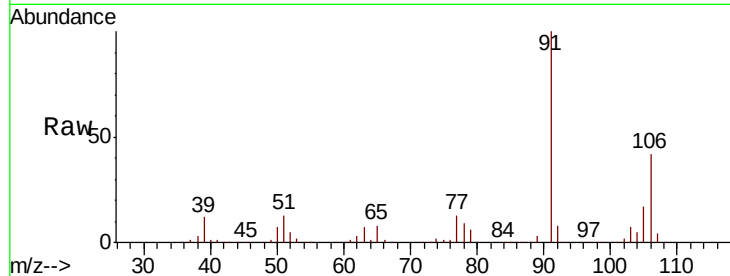




#69
o-Xylene
Concen: 52.590 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

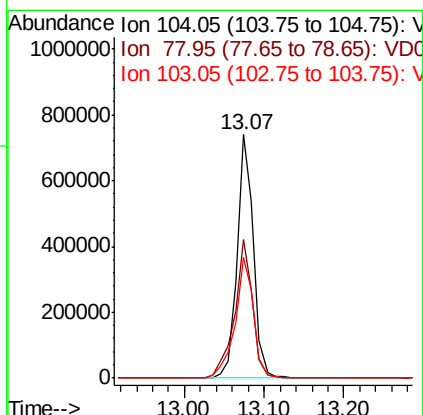
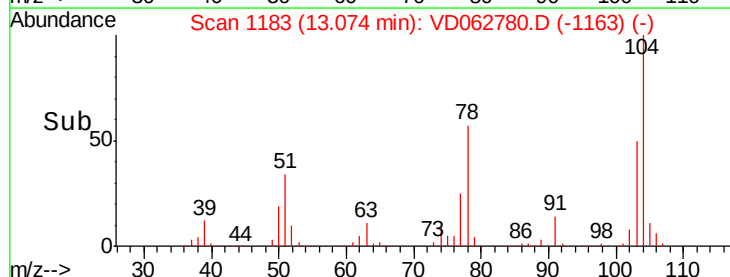
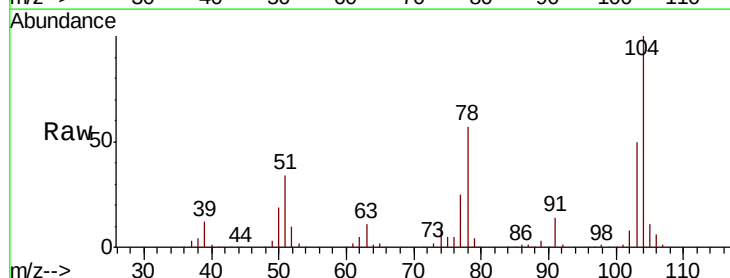
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

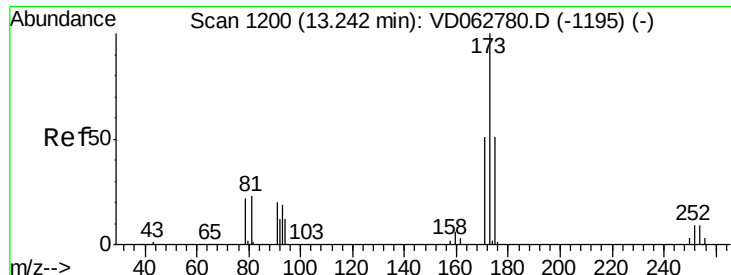
Tot Ion:106 Resp: 617895
Ion Ratio Lower Upper
106 100
91 235.7 117.9 353.6



#70
Styrene
Concen: 51.048 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion:104 Resp: 1053483
Ion Ratio Lower Upper
104 100
78 56.8 45.4 68.2
103 49.6 39.7 59.5





#71

Bromoform

Concen: 50.663 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

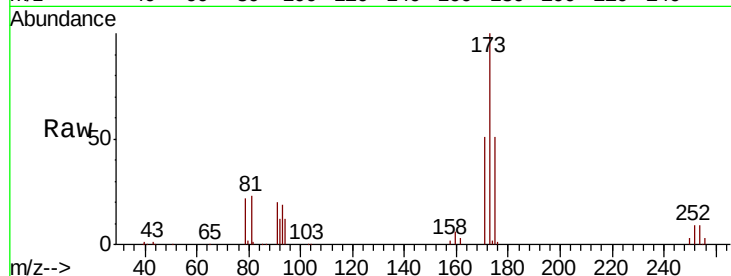
Tot Ion:173 Resp: 333649

Ion Ratio Lower Upper

173 100

175 50.6 25.3 75.9

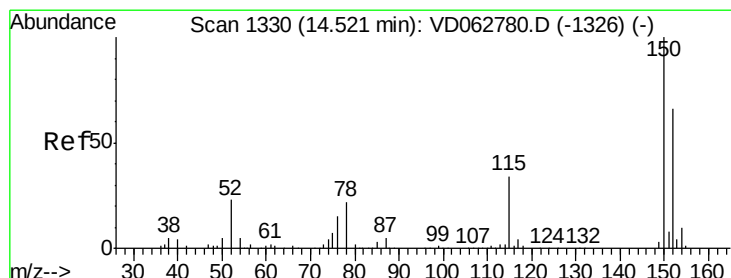
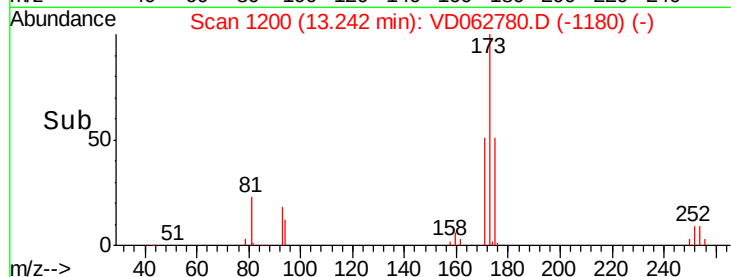
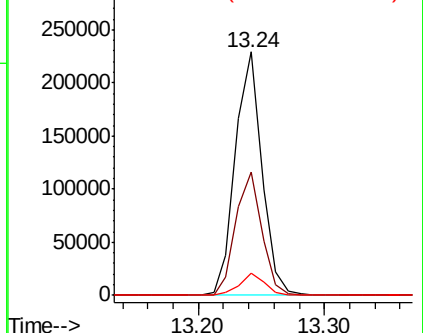
254 8.9 7.1 10.7



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

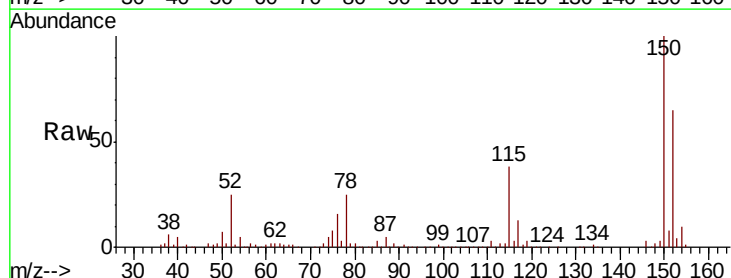
Tgt Ion:152 Resp: 592362

Ion Ratio Lower Upper

152 100

115 58.4 29.2 87.6

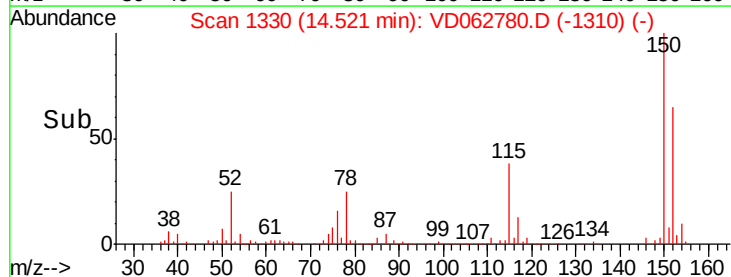
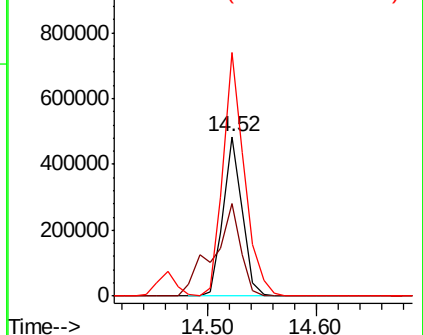
150 152.9 0.0 305.8

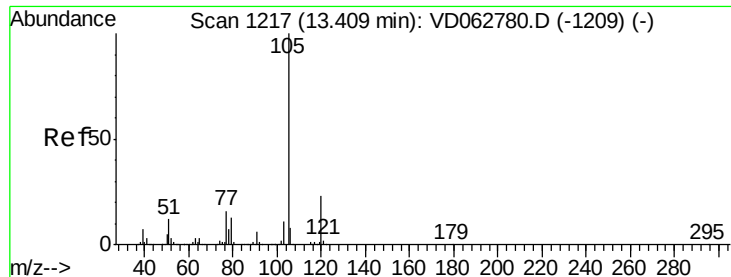


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.414 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

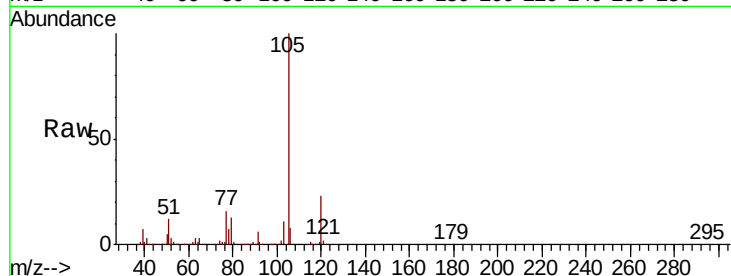
VSTDICCC050

Tot Ion:105 Resp: 1876806

Ion Ratio Lower Upper

105 100

120 23.1 11.6 34.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

1500000

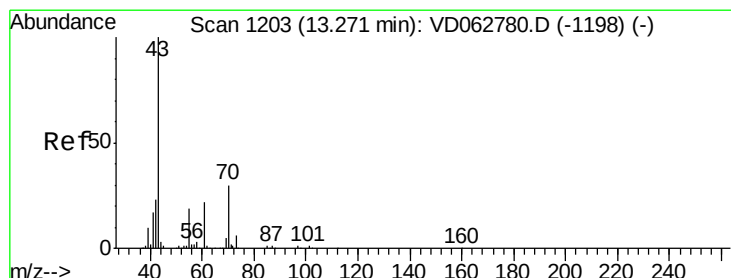
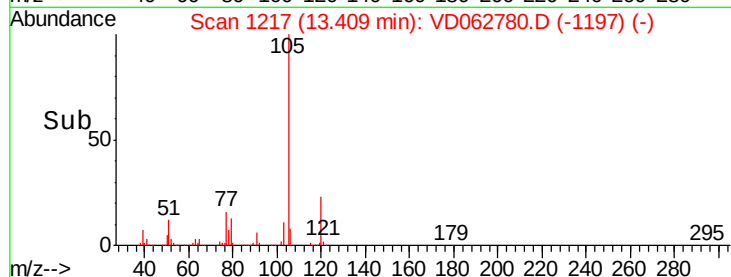
1000000

500000

0

Time-->

13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 52.797 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Tgt Ion: 43 Resp: 486980

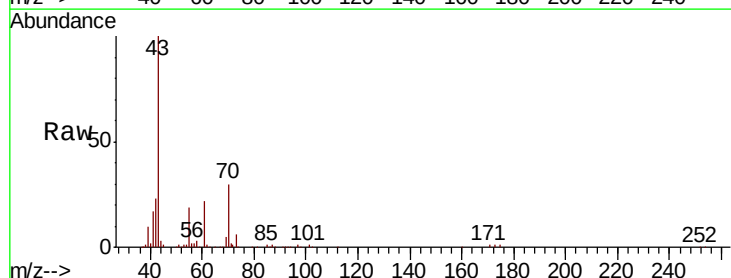
Ion Ratio Lower Upper

43 100

70 30.5 24.4 36.6

55 19.0 15.2 22.8

61 21.8 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

500000

400000

300000

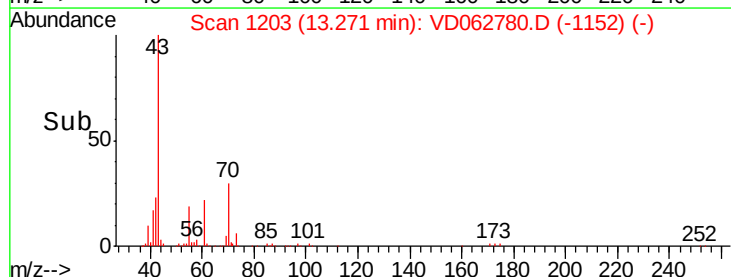
200000

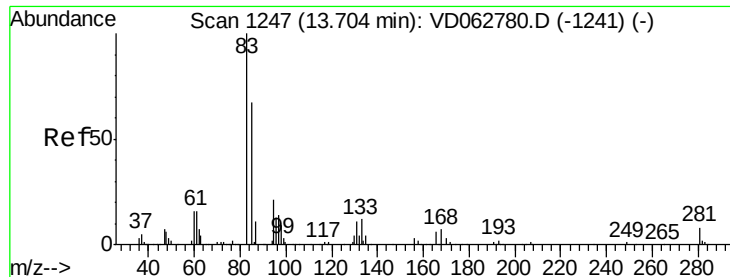
100000

0

Time-->

13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 47.351 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

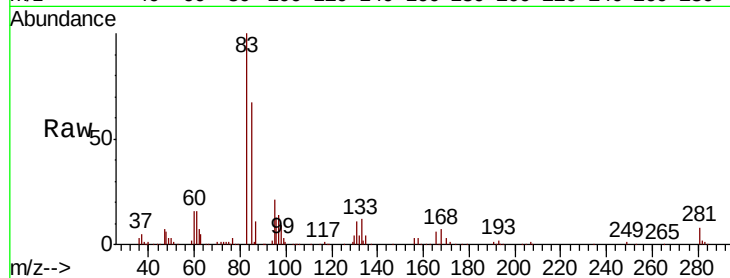
Tot Ion: 83 Resp: 293026

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

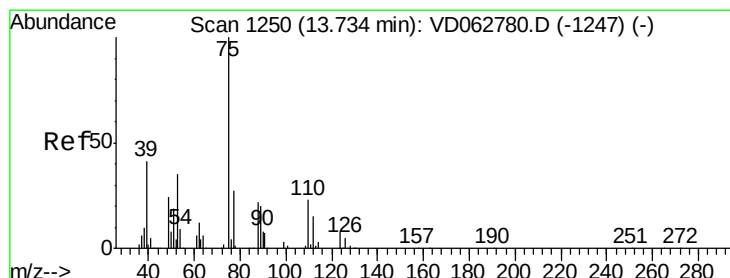
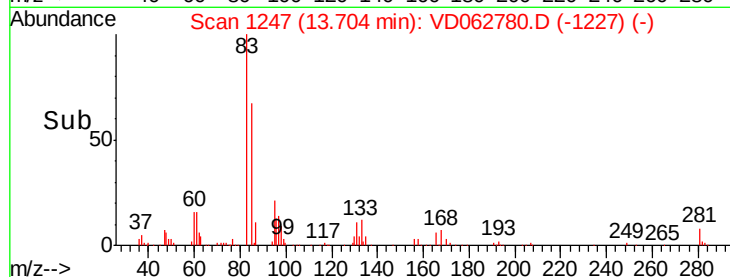
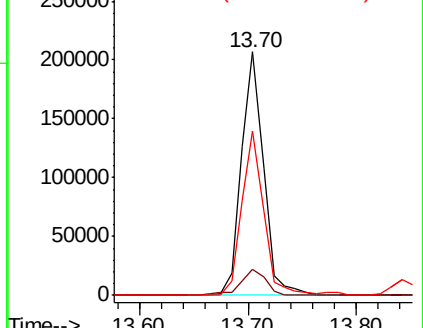
85 67.4 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 49.896 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD062780.D

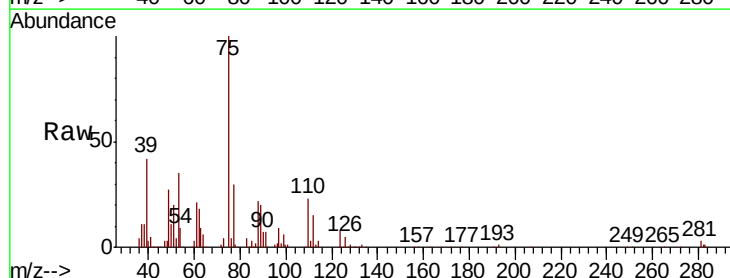
Acq: 19 Jun 2019 15:40

Tgt Ion: 75 Resp: 341206

Ion Ratio Lower Upper

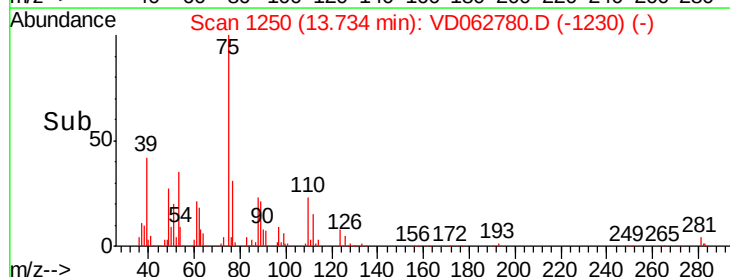
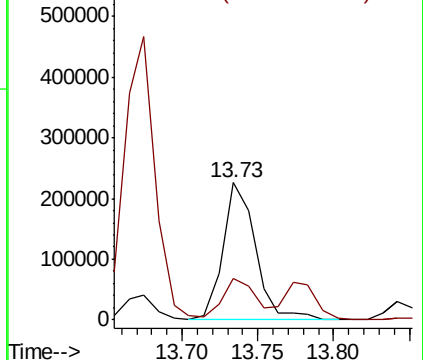
75 100

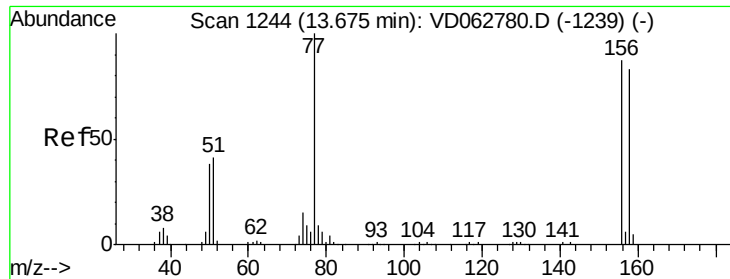
77 30.1 15.0 45.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 51.490 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VD062780.D

Acq: 19 Jun 2019 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

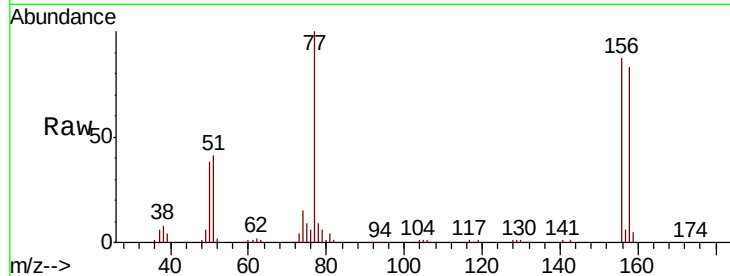
Tot Ion:156 Resp: 526011

Ion Ratio Lower Upper

156 100

77 115.4 57.7 173.1

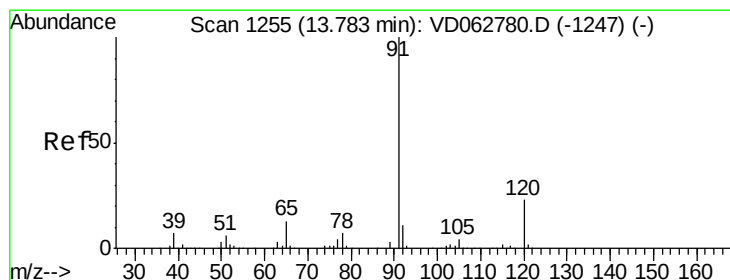
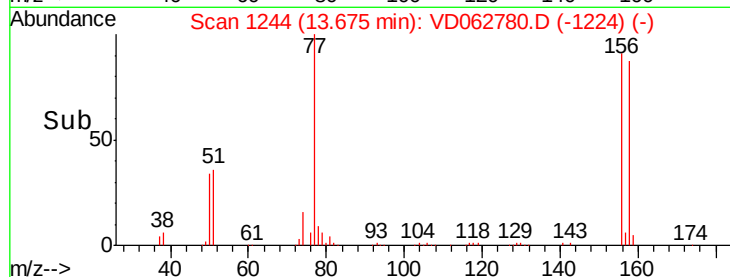
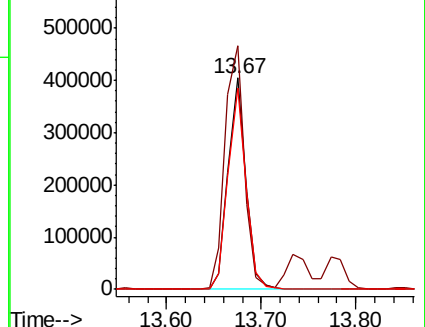
158 95.4 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 47.625 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD062780.D

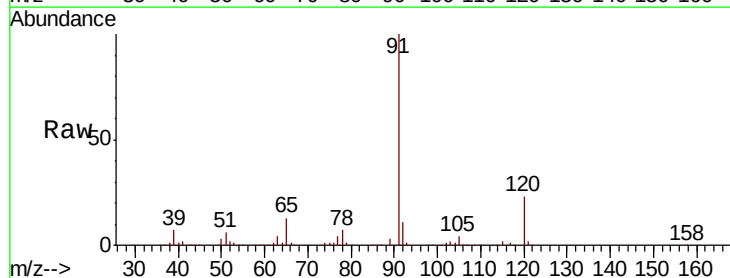
Acq: 19 Jun 2019 15:40

Tgt Ion: 91 Resp: 2105338

Ion Ratio Lower Upper

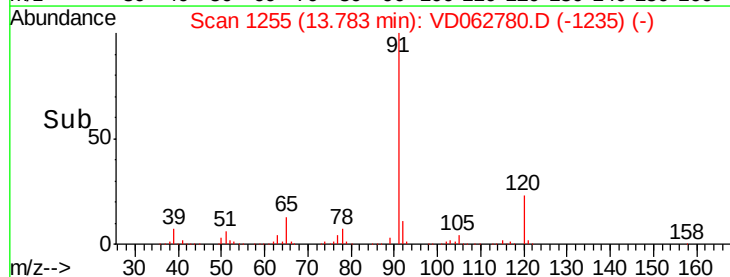
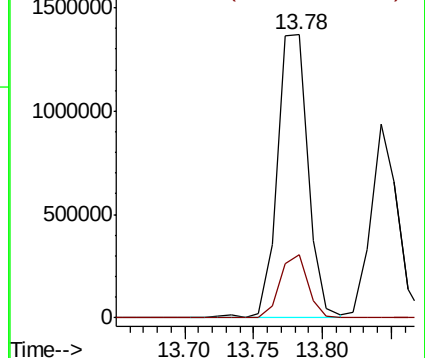
91 100

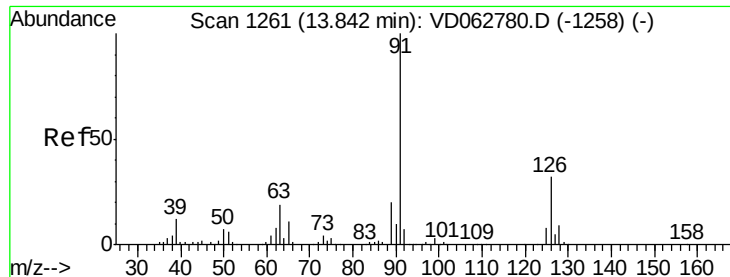
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

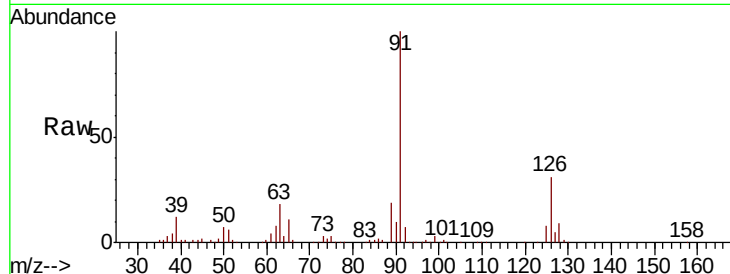




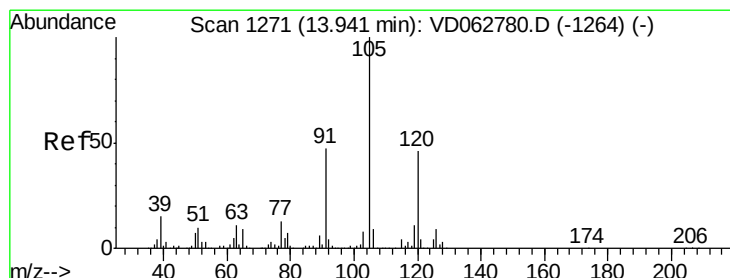
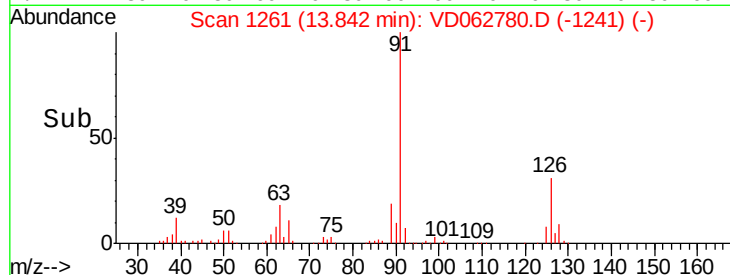
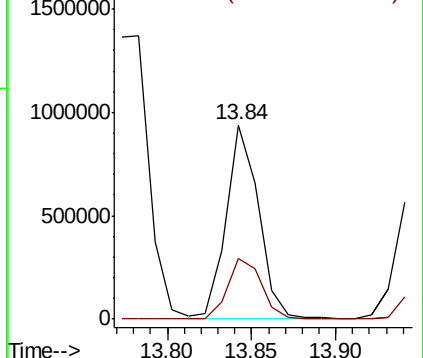
#79
 2-Chlorotoluene
 Concen: 49.498 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 1249349
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.7 47.1

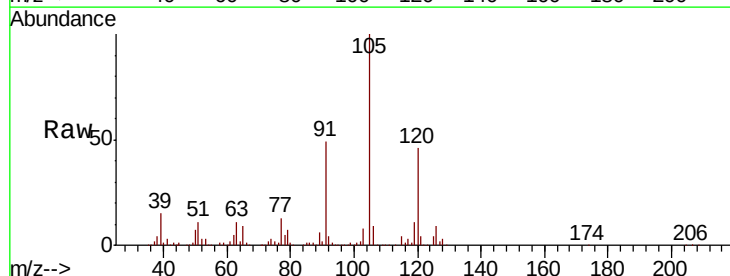


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

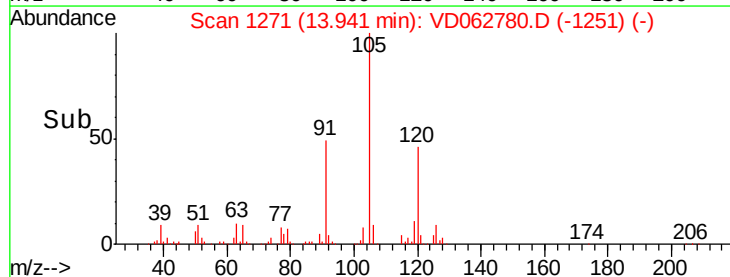
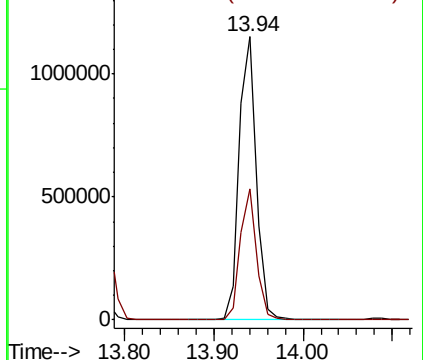


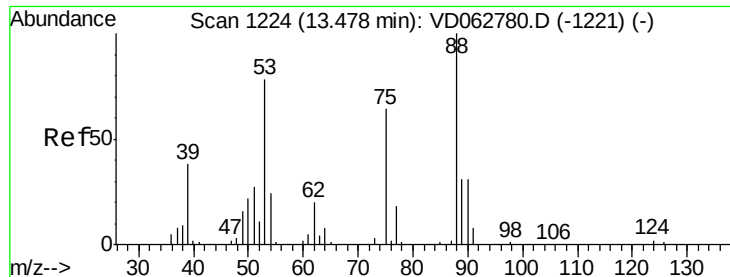
#80
 1,3,5-Trimethylbenzene
 Concen: 48.646 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 105 Resp: 1551928
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

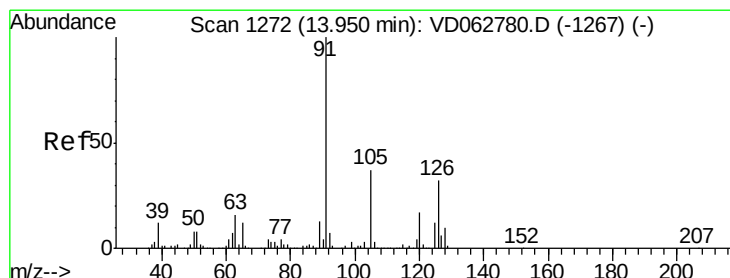
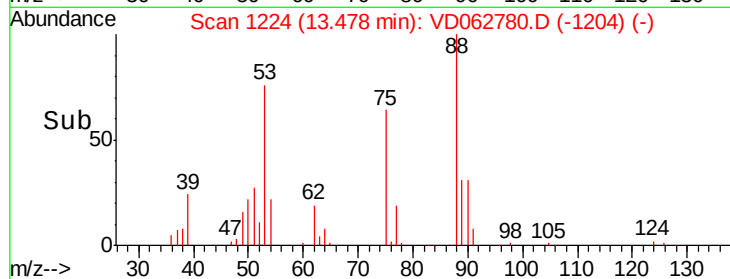
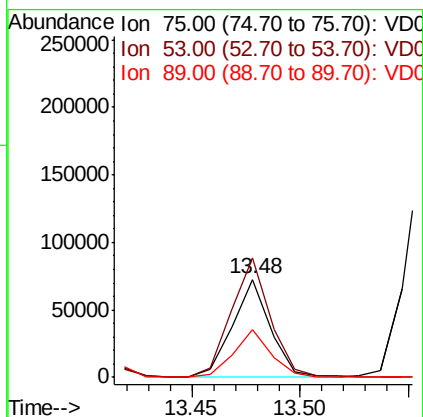
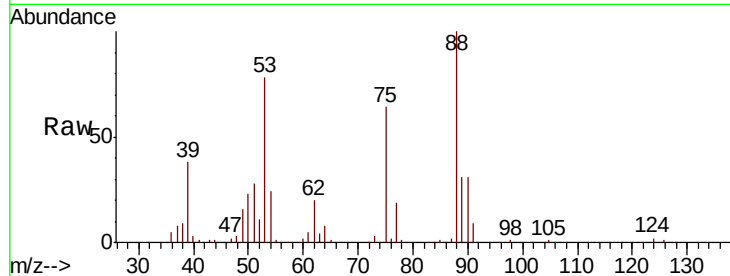




#81
trans-1,4-Dichloro-2-butene
Concen: 49.625 ug/l
RT: 13.48 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

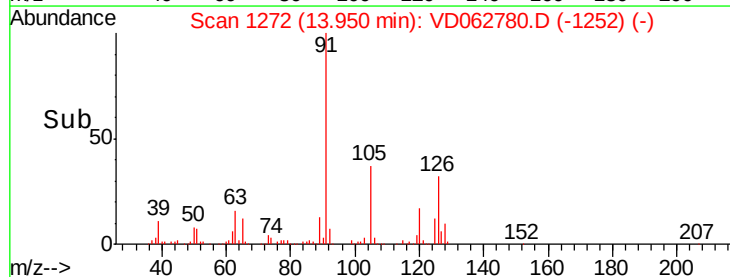
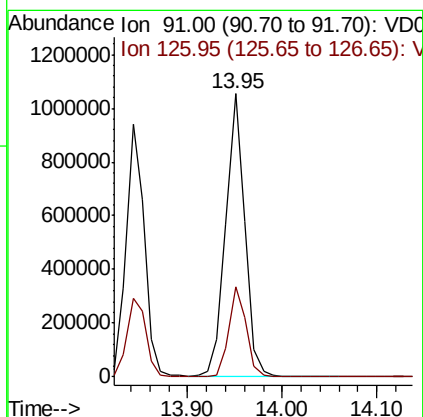
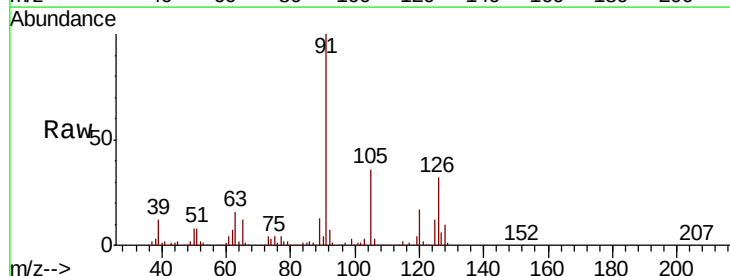
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

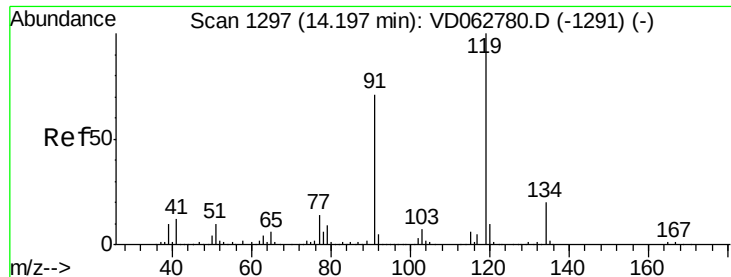
Tot Ion: 75 Resp: 88940
Ion Ratio Lower Upper
75 100
53 122.3 97.8 146.8
89 49.3 39.4 59.2



#82
4-Chlorotoluene
Concen: 48.262 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 91 Resp: 1467855
Ion Ratio Lower Upper
91 100
126 31.9 16.0 47.9

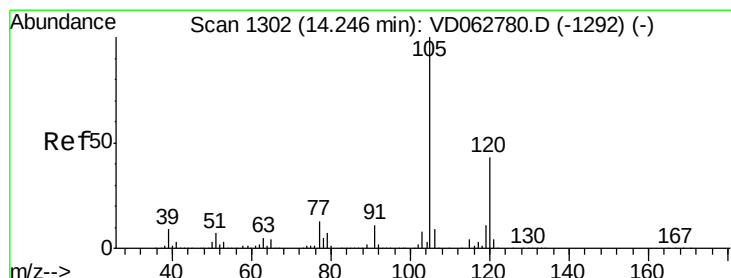
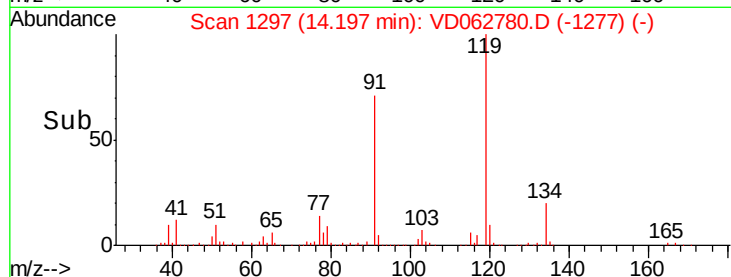
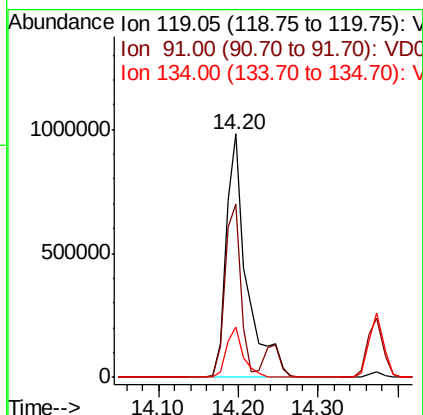
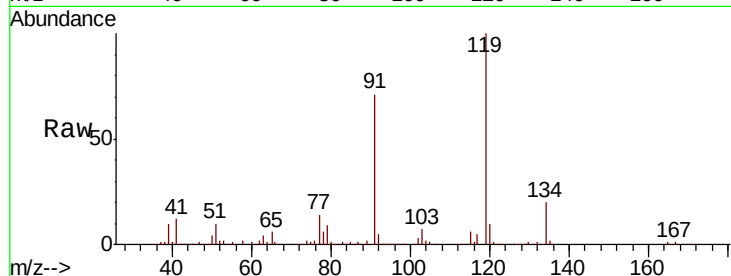




#83
 tert-Butylbenzene
 Concen: 50.011 ug/l
 RT: 14.20 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

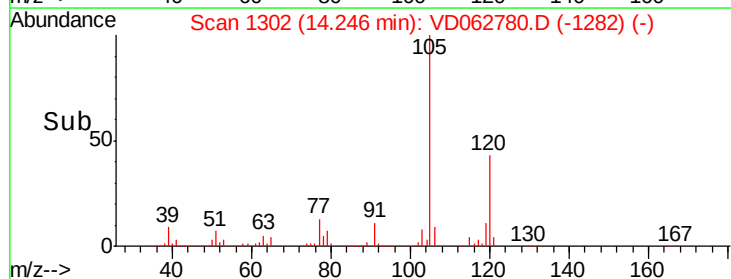
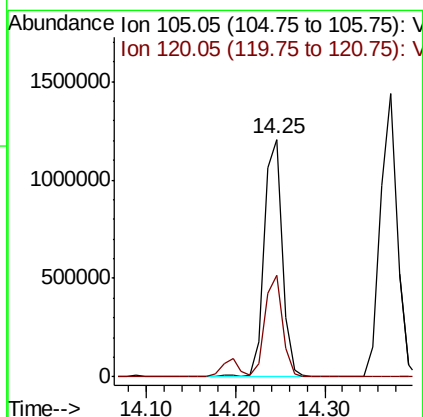
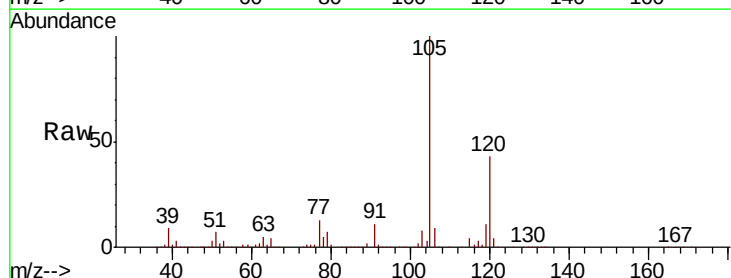
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

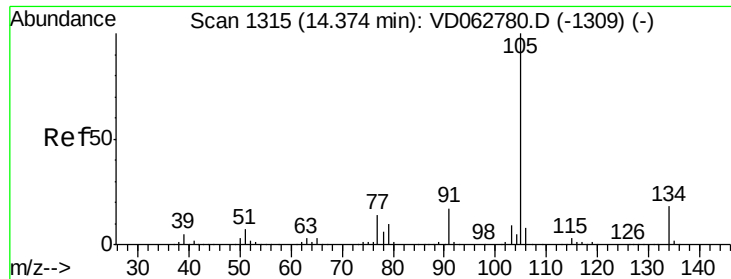
Tot Ion:119 Resp: 1778399
 Ion Ratio Lower Upper
 119 100
 91 71.0 35.5 106.5
 134 20.4 10.2 30.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.963 ug/l
 RT: 14.25 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion:105 Resp: 1666437
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.3 63.9

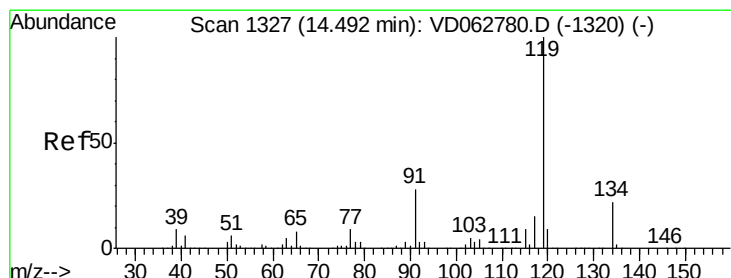
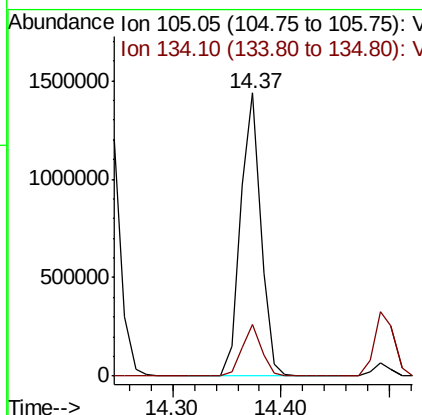
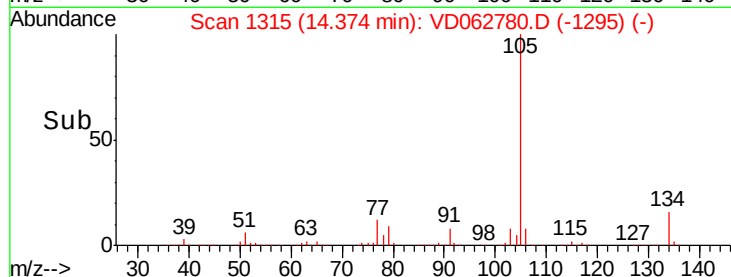
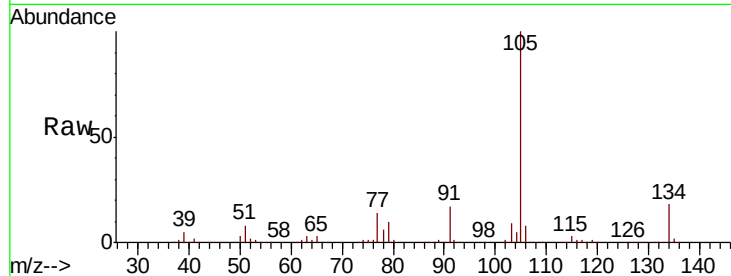




#85
 sec-Butylbenzene
 Concen: 48.279 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

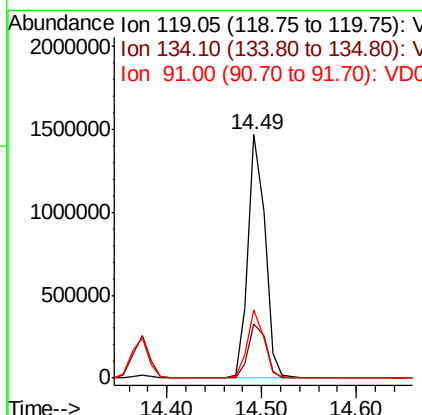
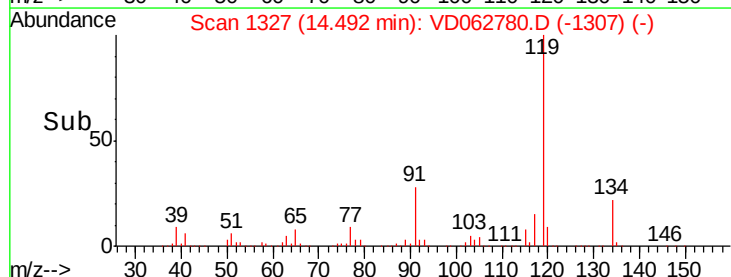
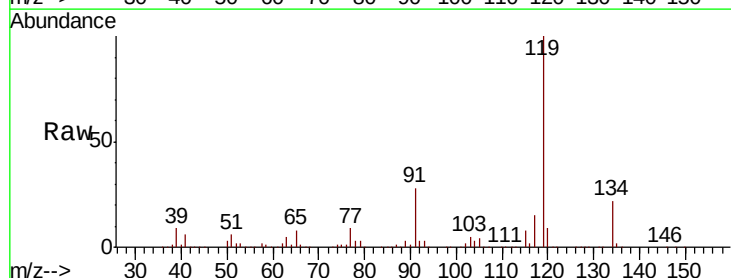
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

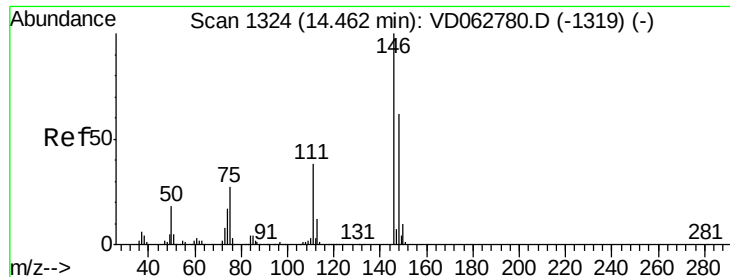
Tot Ion:105 Resp: 1865969
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 51.797 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion:119 Resp: 1831444
 Ion Ratio Lower Upper
 119 100
 134 22.1 11.1 33.1
 91 27.9 14.0 41.9

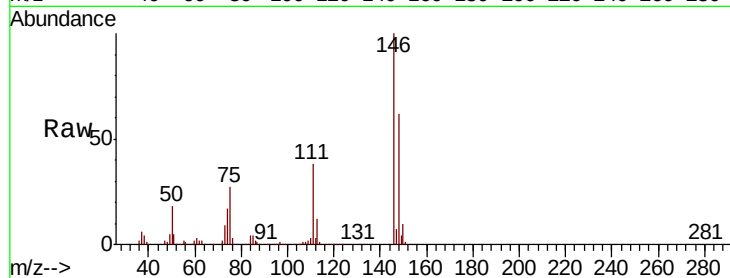




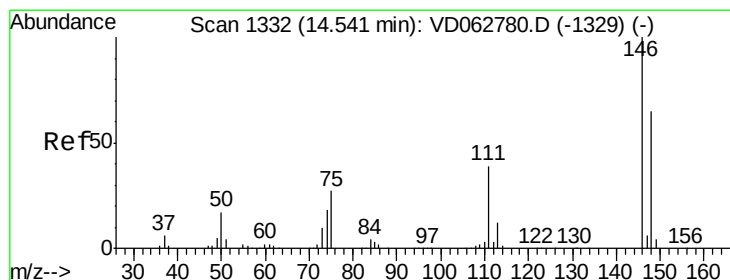
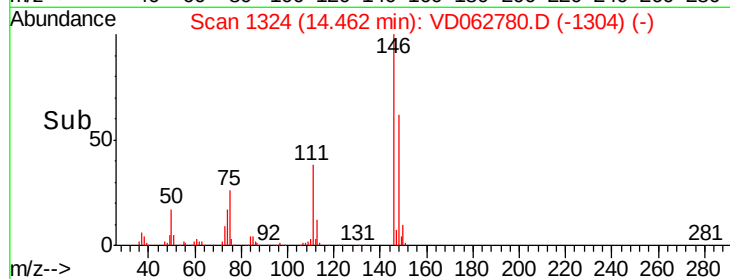
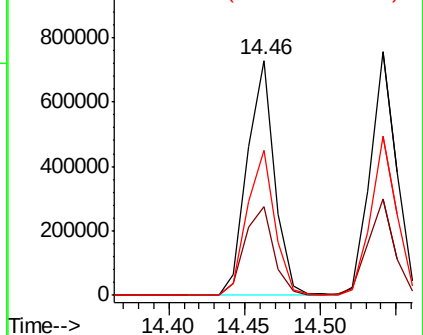
#87
 1,3-Dichlorobenzene
 Concen: 50.013 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	61.5	30.8	92.3

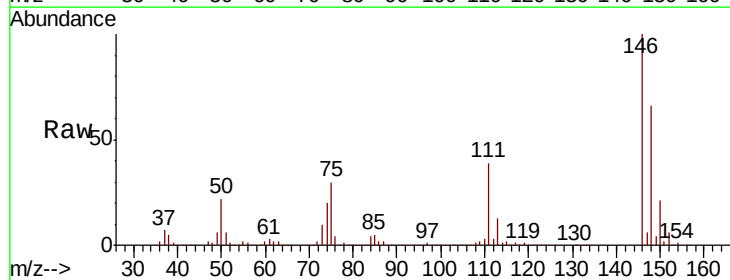


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

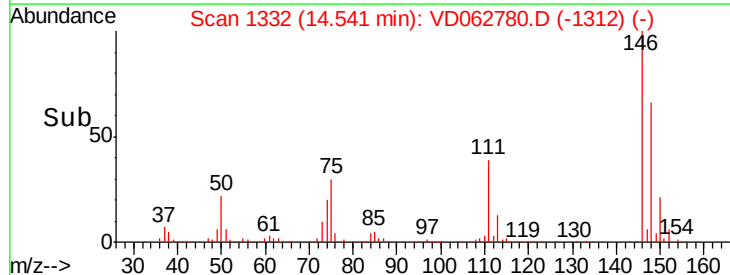
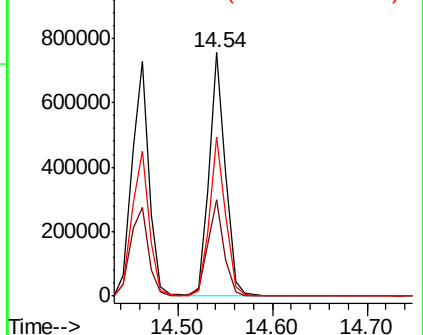


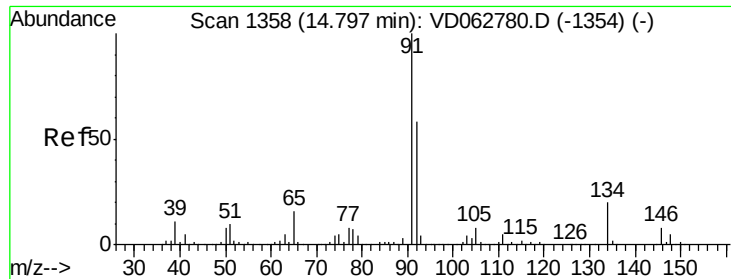
#88
 1,4-Dichlorobenzene
 Concen: 49.890 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	65.5	32.8	98.3



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

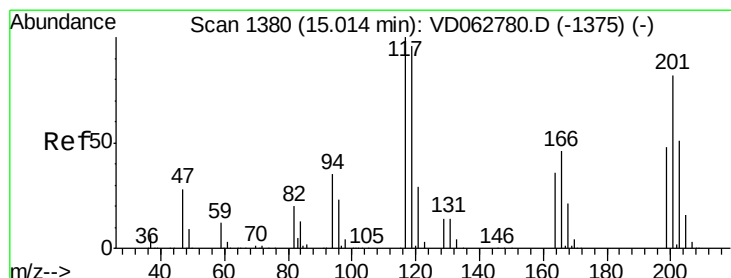
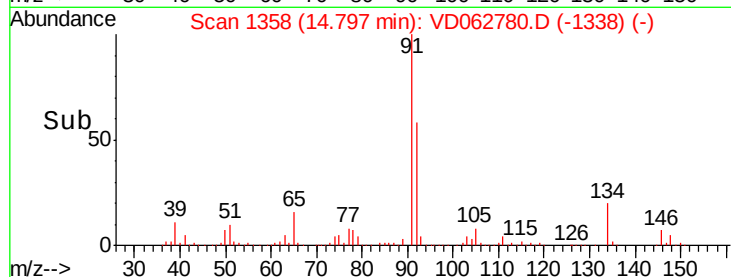
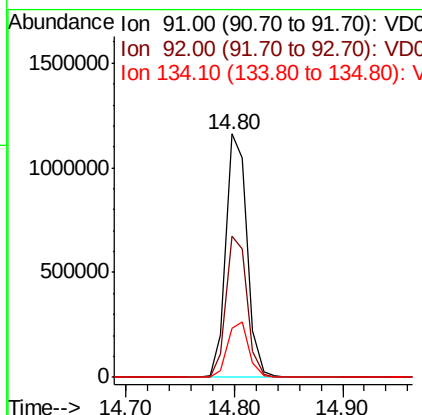
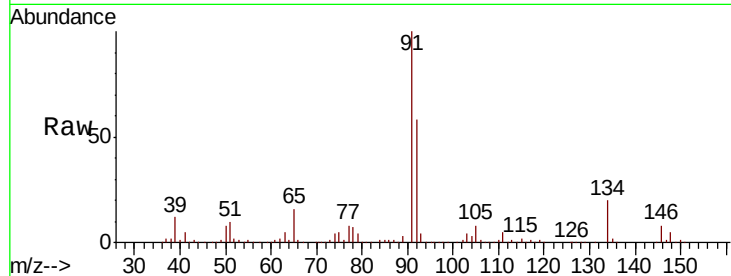




#89
n-Butylbenzene
Concen: 47.851 ug/l
RT: 14.80 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

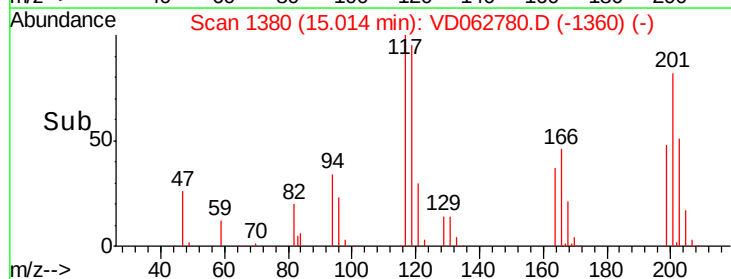
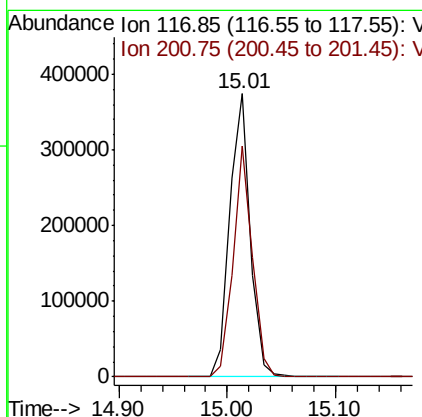
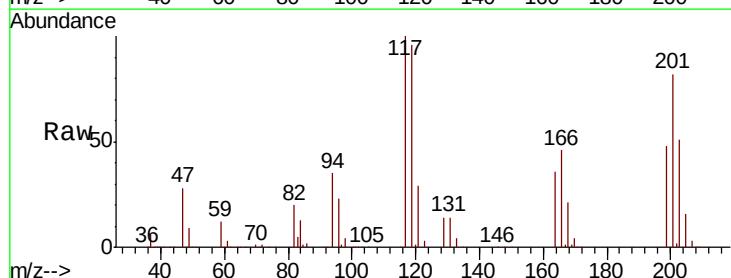
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

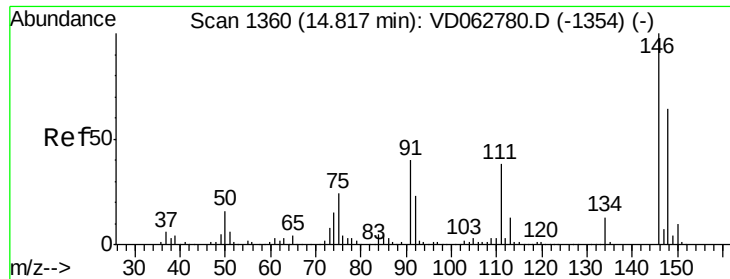
Tot Ion: 91 Resp: 1583586
Ion Ratio Lower Upper
91 100
92 57.8 28.9 86.7
134 20.2 10.1 30.3



#90
Hexachloroethane
Concen: 51.951 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion: 117 Resp: 493887
Ion Ratio Lower Upper
117 100
201 81.5 40.8 122.2

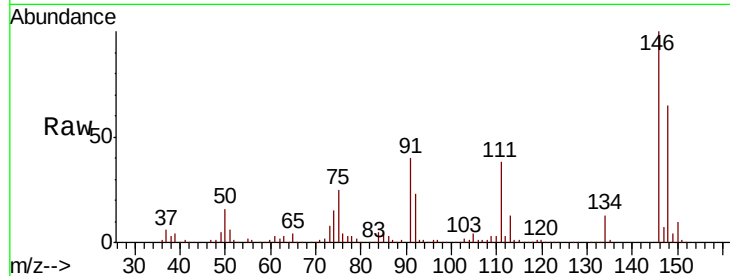




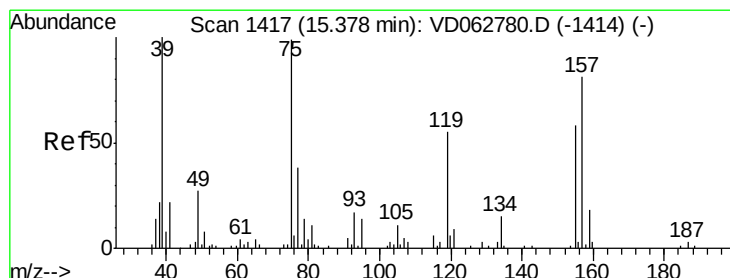
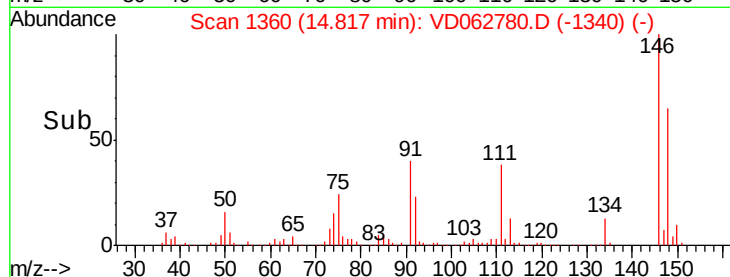
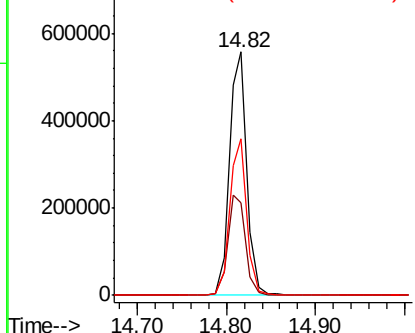
#91
 1,2-Dichlorobenzene
 Concen: 49.273 ug/l
 RT: 14.82 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:146 Resp: 772004
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.5 32.3 96.8

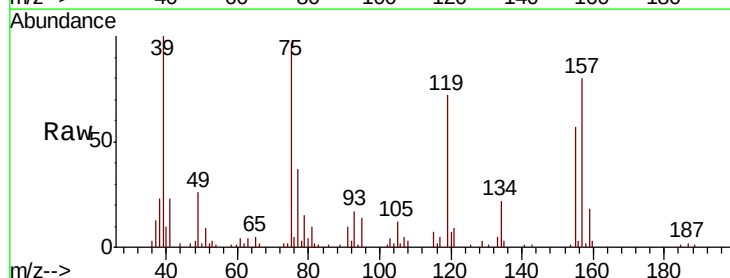


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

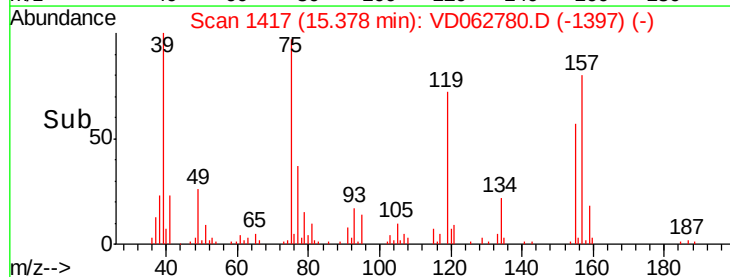
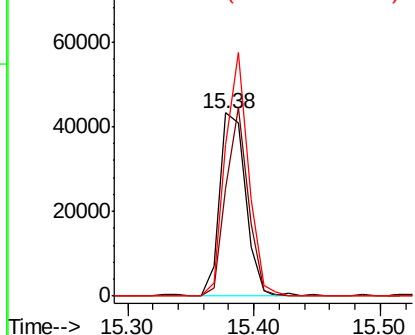


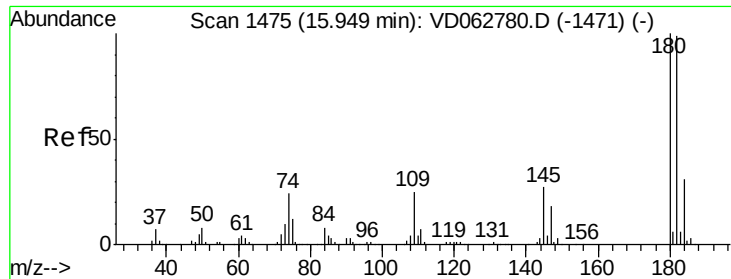
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.379 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion: 75 Resp: 62058
 Ion Ratio Lower Upper
 75 100
 155 58.5 29.3 87.8
 157 82.5 41.3 123.7



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

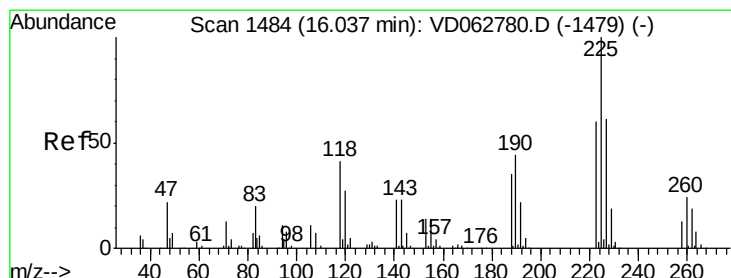
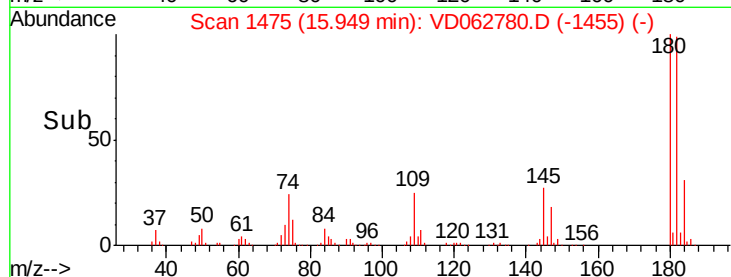
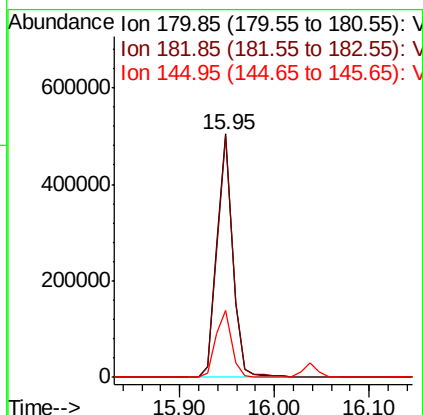
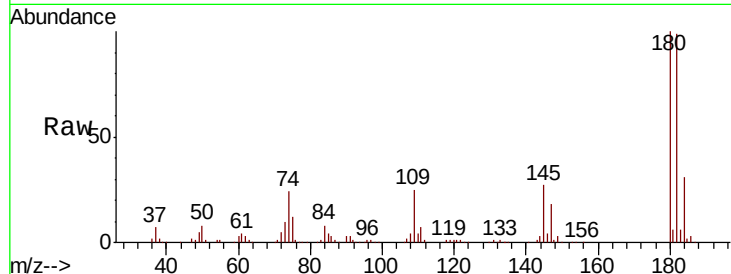




#93
 1,2,4-Trichlorobenzene
 Concen: 47.994 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

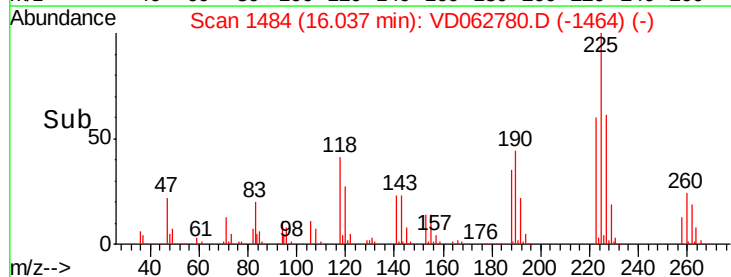
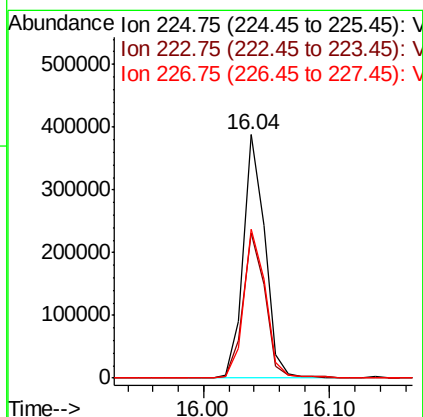
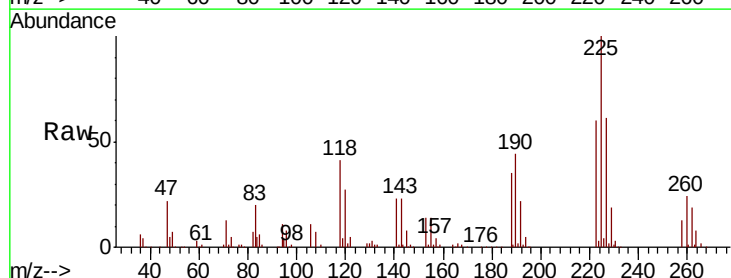
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

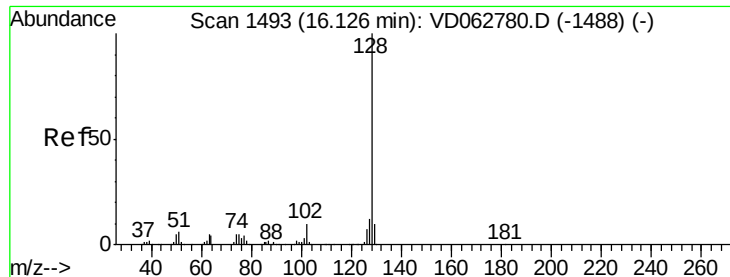
Tot Ion:180 Resp: 587408
 Ion Ratio Lower Upper
 180 100
 182 99.0 49.5 148.5
 145 27.3 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 49.329 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VD062780.D
 Acq: 19 Jun 2019 15:40

Tgt Ion:225 Resp: 461235
 Ion Ratio Lower Upper
 225 100
 223 59.7 29.8 89.5
 227 61.1 30.6 91.6

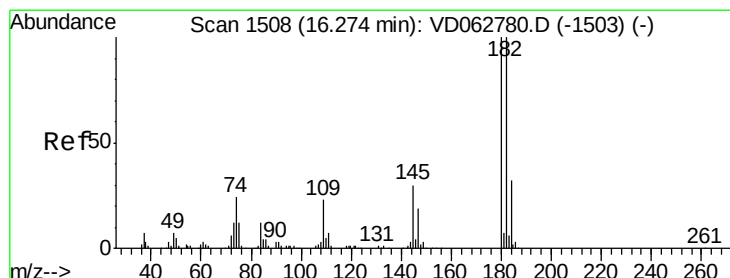
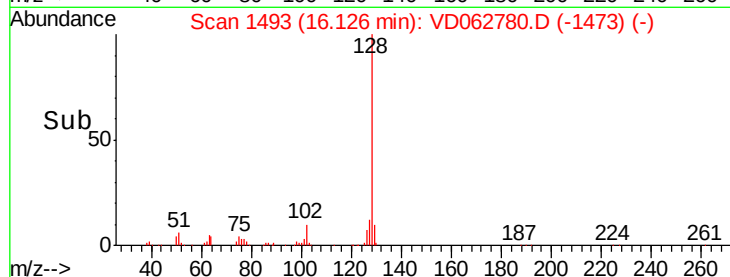
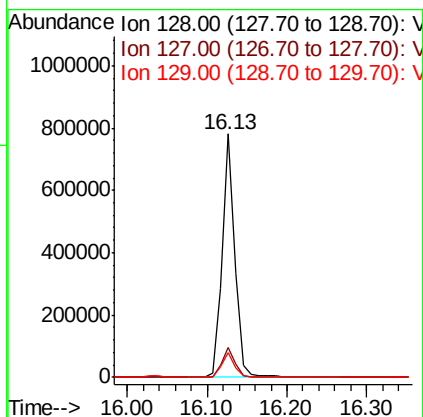
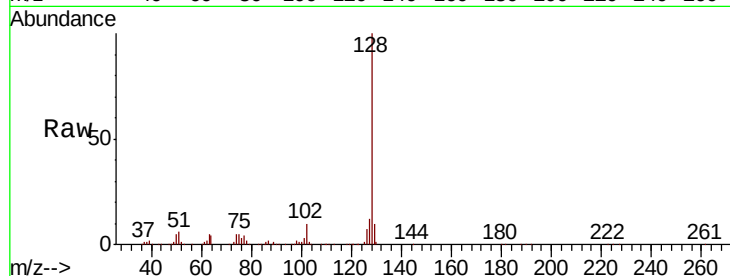




#95
Naphthalene
Concen: 51.232 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 878861
Ion Ratio Lower Upper
128 100
127 12.1 9.7 14.5
129 10.4 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 48.976 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VD062780.D
Acq: 19 Jun 2019 15:40

Tgt Ion:180 Resp: 460557
Ion Ratio Lower Upper
180 100
182 99.7 49.9 149.6
145 30.3 15.2 45.5

