

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060419\
 Data File : VD062609.D
 Acq On : 4 Jun 2019 20:15
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 05 04:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	637443	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	842041	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	718463	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	402325	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	505754	67.67	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	135.34%	
35) Dibromofluoromethane	6.92	113	489577	63.80	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	127.60%	
50) Toluene-d8	10.41	98	984237	58.54	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	117.08%	
62) 4-Bromofluorobenzene	13.55	95	490565	64.70	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	129.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	398879	53.952	ug/l	87
3) Chloromethane	1.74	50	324806	45.557	ug/l	91
4) Vinyl Chloride	1.85	62	318258	56.354	ug/l	99
5) Bromomethane	2.15	94	177901	97.004	ug/l	93
6) Chloroethane	2.27	64	179123	67.638	ug/l	95
7) Trichlorofluoromethane	2.53	101	797723	66.841	ug/l	96
8) Diethyl Ether	2.87	74	107841	70.439	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.14	101	413435	58.662	ug/l	95
10) Methyl Iodide	3.30	142	514155	64.294	ug/l	93
11) Tert butyl alcohol	4.08	59	102418	321.268	ug/l #	75
12) 1,1-Dichloroethene	3.12	96	307614	61.699	ug/l	91
13) Acrolein	3.03	56	26144	188.216	ug/l	96
14) Allyl chloride	3.61	41	428778	55.056	ug/l #	83
15) Acrylonitrile	4.19	53	223785	293.647	ug/l	96
16) Acetone	3.22	43	435681	296.678	ug/l	93
17) Carbon Disulfide	3.37	76	846123	52.209	ug/l	99
18) Methyl Acetate	3.63	43	135099	56.364	ug/l	96
19) Methyl tert-butyl Ether	4.23	73	737455	61.060	ug/l	100
20) Methylene Chloride	3.81	84	294635	54.199	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	315422	55.749	ug/l	94
22) Diisopropyl ether	5.12	45	948764	59.633	ug/l	97
23) Vinyl Acetate	5.05	43	2972971	308.127	ug/l	97
24) 1,1-Dichloroethane	4.97	63	612575	59.663	ug/l	99
25) 2-Butanone	6.07	43	399392	288.774	ug/l	97
26) 2,2-Dichloropropane	6.02	77	689199	60.507	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	343510	59.065	ug/l	99
28) Bromochloromethane	6.43	49	173422	48.881	ug/l	99
29) Tetrahydrofuran	6.45	42	191686	309.401	ug/l	98
30) Chloroform	6.66	83	809673	65.444	ug/l	92
31) Cyclohexane	6.94	56	360543	51.939	ug/l	96
32) 1,1,1-Trichloroethane	6.86	97	839007	65.161	ug/l	93
36) 1,1-Dichloropropene	7.14	75	495929	59.164	ug/l	92
37) Ethyl Acetate	6.18	43	197118	55.780	ug/l	95
38) Carbon Tetrachloride	7.11	117	869906m	69.706	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	421741	59.428	ug/l	96
40) Benzene	7.44	78	984984	59.871	ug/l	100
41) Methacrylonitrile	6.44	41	272525	65.534	ug/l #	96
42) 1,2-Dichloroethane	7.57	62	613337	66.929	ug/l	96
43) Isopropyl Acetate	9.24	43	276438	62.851	ug/l #	99
44) Trichloroethene	8.54	130	389863	59.318	ug/l	92
45) 1,2-Dichloropropane	8.93	63	241777	59.944	ug/l	99
46) Dibromomethane	9.06	93	228331	67.396	ug/l	96
47) Bromodichloromethane	9.37	83	608264	65.162	ug/l	99
48) Methyl methacrylate	9.12	41	197729	67.498	ug/l	95
49) 1,4-Dioxane	9.07	88	30673	1289.100	ug/l	96
51) 4-Methyl-2-Pentanone	10.30	43	989140	322.348	ug/l	100
52) Toluene	10.51	92	661818	58.983	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	506190	64.182	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	513342	62.606	ug/l	96
55) 1,1,2-Trichloroethane	11.18	97	228915	62.134	ug/l	96
56) Ethyl methacrylate	11.04	69	256792	65.394	ug/l	96
57) 1,3-Dichloropropane	11.40	76	344438	60.646	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.86	63	599555	297.702	ug/l	98
59) 2-Hexanone	11.53	43	693889	322.387	ug/l	99
60) Dibromochloromethane	11.68	129	480162	67.065	ug/l	94
61) 1,2-Dibromoethane	11.80	107	290418	65.528	ug/l	99
64) Tetrachloroethene	11.25	164	363788	57.279	ug/l	97
65) Chlorobenzene	12.40	112	851815	60.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	418411	63.211	ug/l	95
67) Ethyl Benzene	12.52	91	1509072	58.847	ug/l	99
68) m/p-Xylenes	12.66	106	1073781	121.045	ug/l	93
69) o-Xylene	13.04	106	495869	58.597	ug/l	85
70) Styrene	13.06	104	830825	57.823	ug/l	91
71) Bromoform	13.23	173	299923	64.546	ug/l	92
73) Isopropylbenzene	13.40	105	1562662	58.916	ug/l	100
74) N-amyl acetate	13.26	43	404375	59.793	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.69	83	267646	63.626	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	305567	63.307	ug/l	99
77) Bromobenzene	13.67	156	434619	59.764	ug/l	88
78) n-propylbenzene	13.77	91	1884057	61.626	ug/l	97
79) 2-Chlorotoluene	13.83	91	1057079	59.631	ug/l	93
80) 1,3,5-Trimethylbenzene	13.93	105	1265689	55.845	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	74573	53.919	ug/l #	77
82) 4-Chlorotoluene	13.94	91	1240200	58.439	ug/l	90
83) tert-Butylbenzene	14.19	119	1442934	57.056	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	1286125	55.689	ug/l	98
85) sec-Butylbenzene	14.36	105	1584809	59.156	ug/l	97
86) p-Isopropyltoluene	14.49	119	1471427	58.787	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	809549	64.219	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	774948	61.344	ug/l	97
89) n-Butylbenzene	14.80	91	1319007	59.033	ug/l	97
90) Hexachloroethane	15.00	117	418319	62.996	ug/l	83
91) 1,2-Dichlorobenzene	14.81	146	672647	63.429	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	56738	65.048	ug/l	80

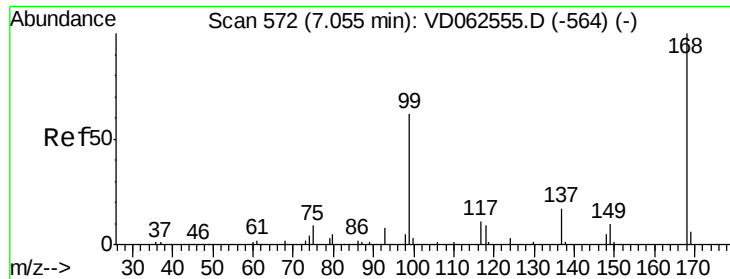
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	497809	58.708	ug/l	97
94) Hexachlorobutadiene	16.04	225	381943	61.016	ug/l	98
95) Naphthalene	16.12	128	727747	63.020	ug/l	100
96) 1,2,3-Trichlorobenzene	16.26	180	368520	58.180	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

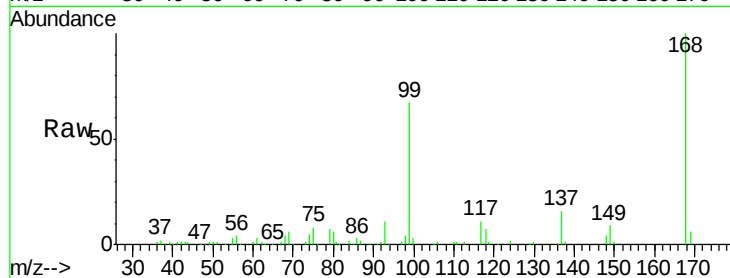
VSTDCCC050EC

Tot Ion:168 Resp: 637443

Ion Ratio Lower Upper

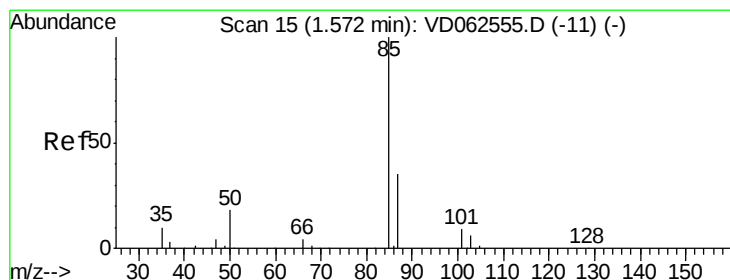
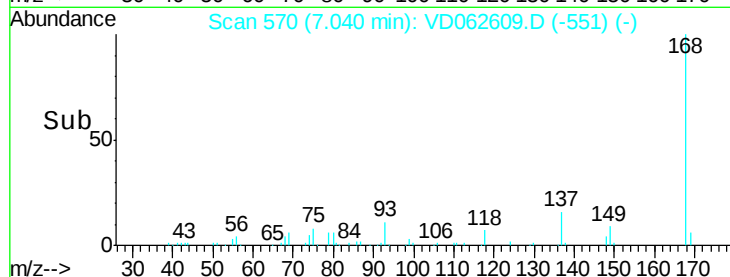
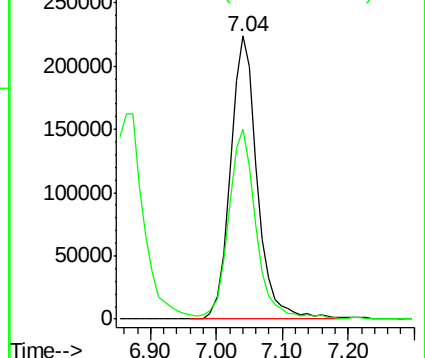
168 100

99 67.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 53.952 ug/l

RT: 1.58 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062609.D

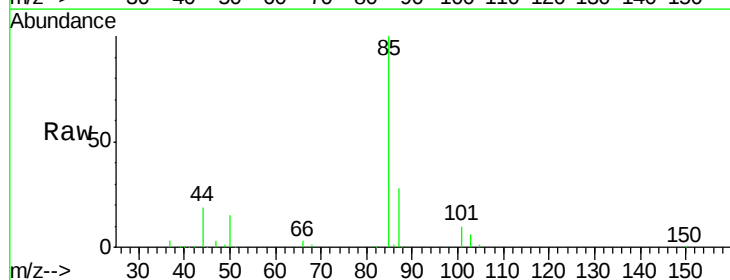
Acq: 4 Jun 2019 20:15

Tgt Ion: 85 Resp: 398879

Ion Ratio Lower Upper

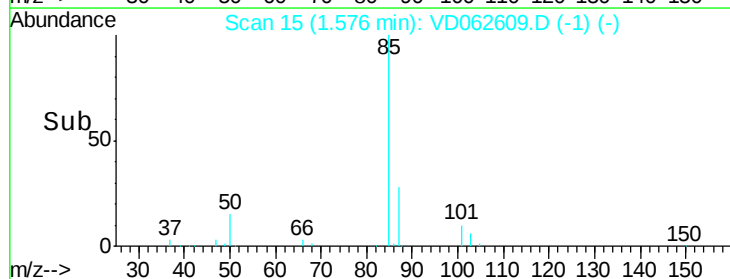
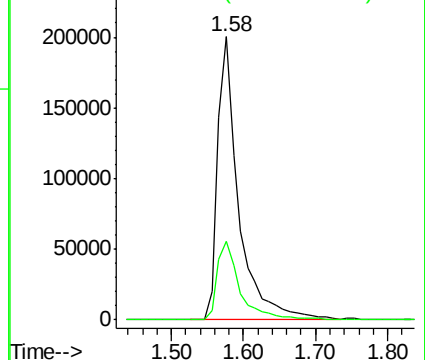
85 100

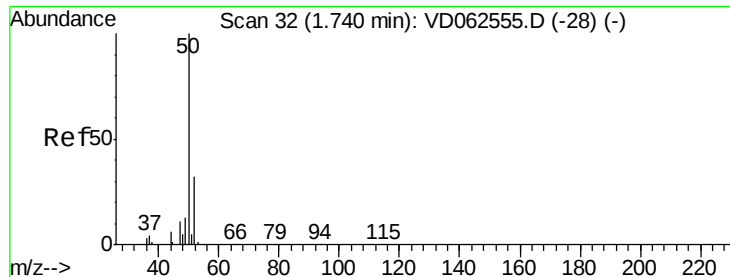
87 27.6 17.5 52.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.557 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

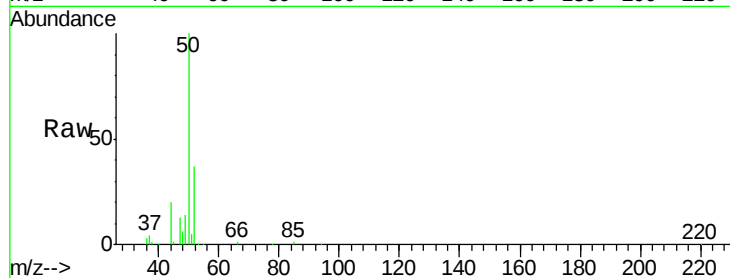
VSTDCCC050EC

Tot Ion: 50 Resp: 324806

Ion Ratio Lower Upper

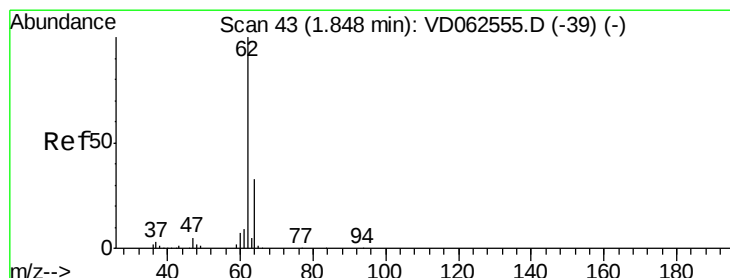
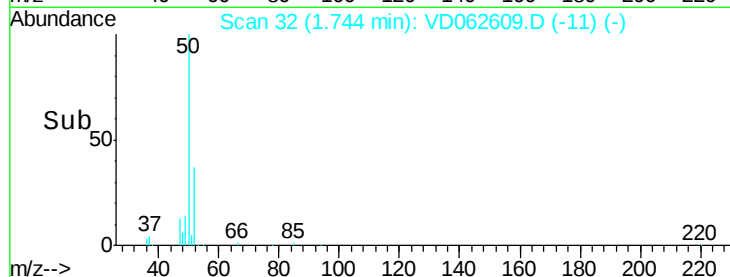
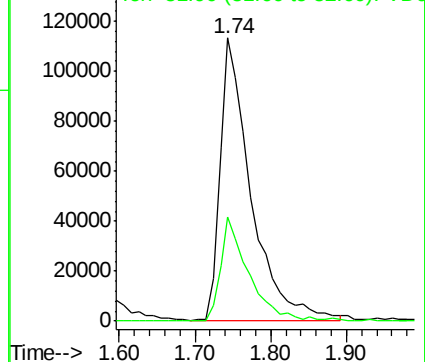
50 100

52 36.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 56.354 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.00 min

Lab File: VD062609.D

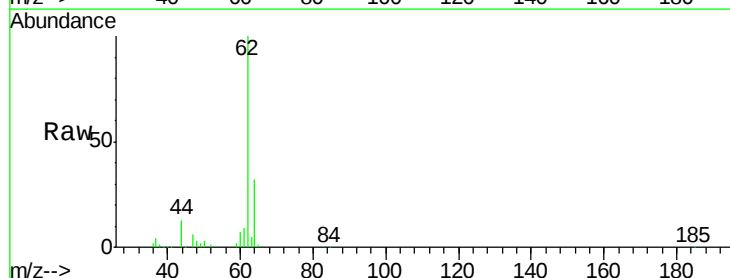
Acq: 4 Jun 2019 20:15

Tgt Ion: 62 Resp: 318258

Ion Ratio Lower Upper

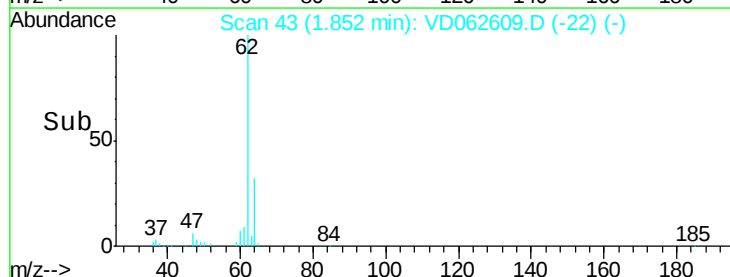
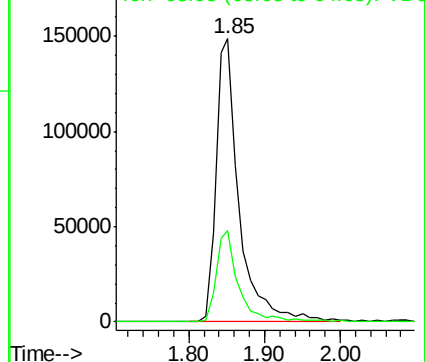
62 100

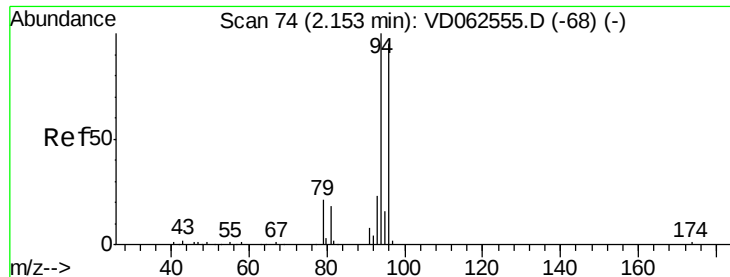
64 32.4 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 97.004 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

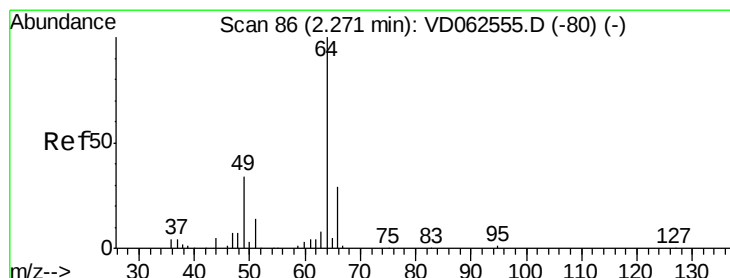
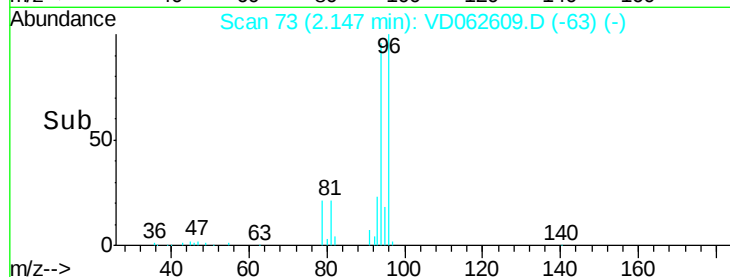
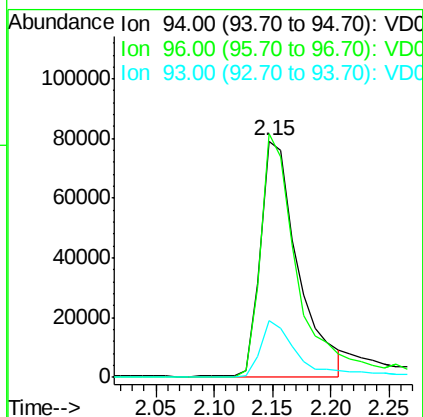
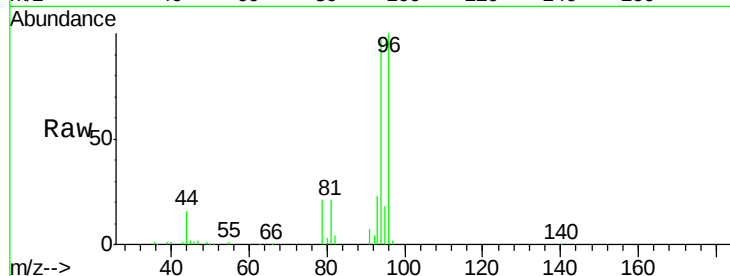
Tot Ion: 94 Resp: 177901

Ion Ratio Lower Upper

94 100

96 103.2 76.2 114.4

93 24.0 18.4 27.6



#6

Chloroethane

Concen: 67.638 ug/l

RT: 2.27 min Scan# 85

Delta R.T. -0.01 min

Lab File: VD062609.D

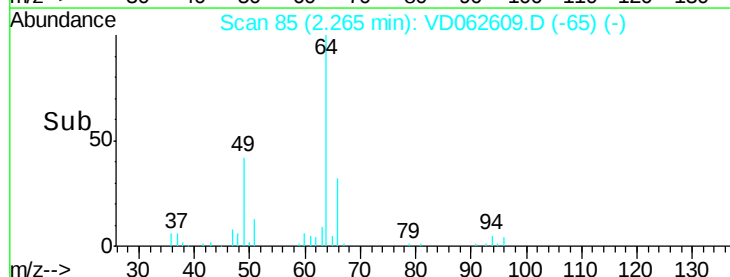
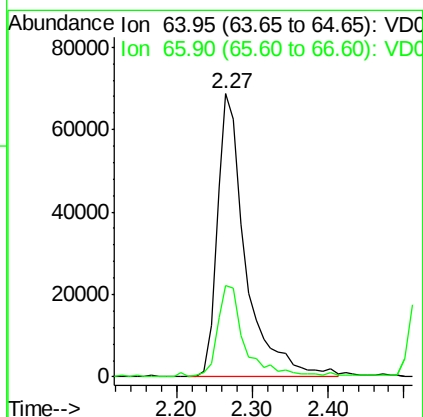
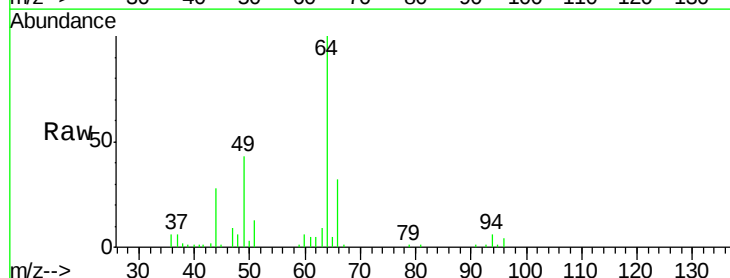
Acq: 4 Jun 2019 20:15

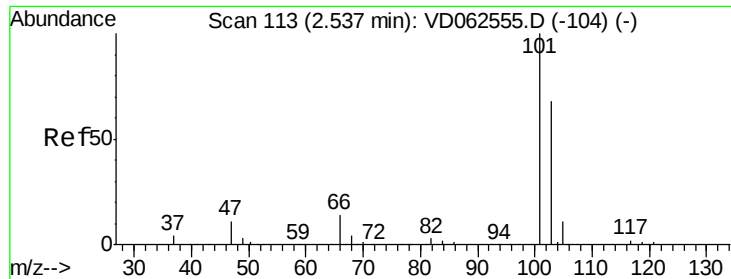
Tgt Ion: 64 Resp: 179123

Ion Ratio Lower Upper

64 100

66 32.2 23.4 35.2



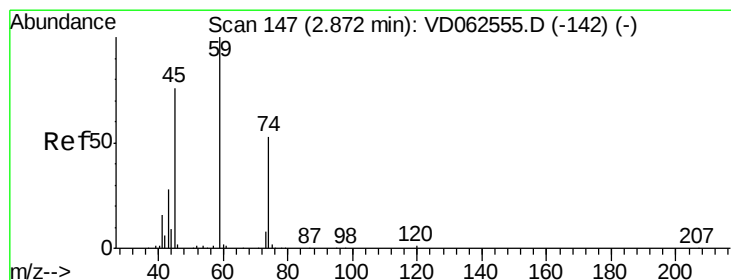
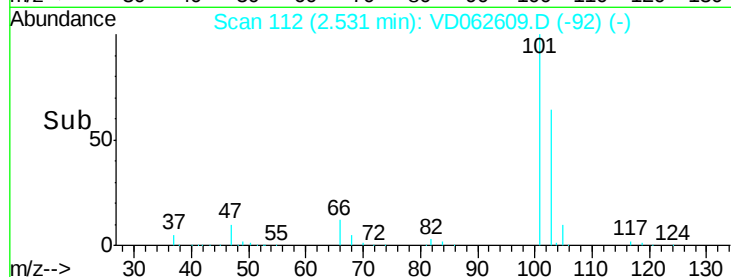
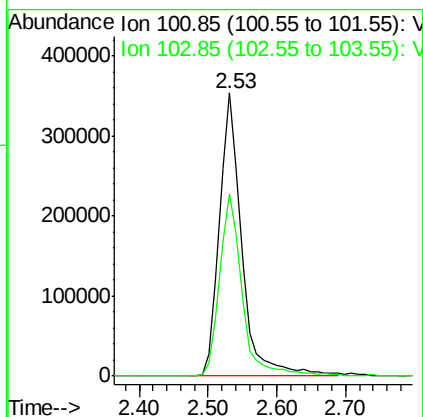
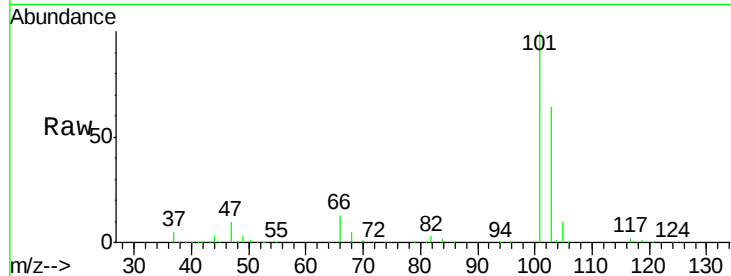


#7

Trichlorofluoromethane
Concen: 66.841 ug/l
RT: 2.53 min Scan# 112
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Instrument :
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VSTDCCC050EC

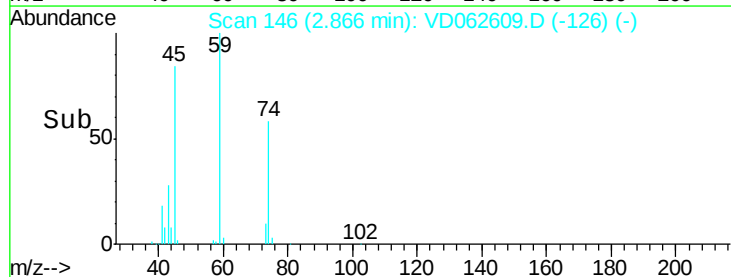
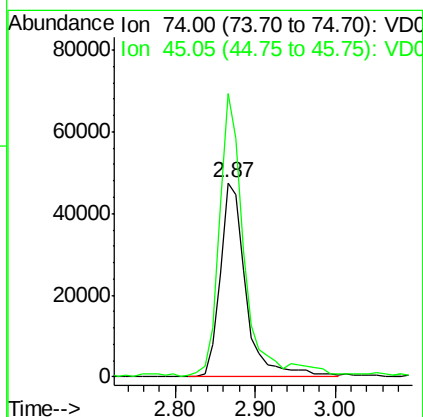
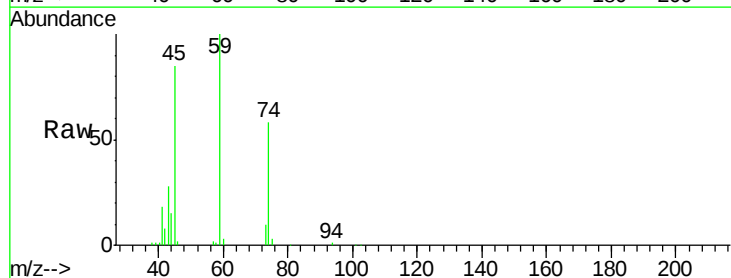
Tot Ion:101 Resp: 797723
Ion Ratio Lower Upper
101 100
103 64.3 54.3 81.5

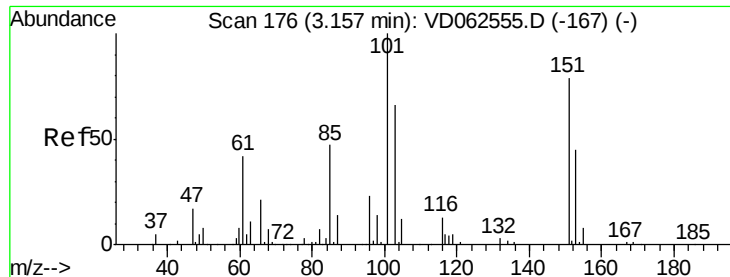


#8

Diethyl Ether
Concen: 70.439 ug/l
RT: 2.87 min Scan# 146
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 74 Resp: 107841
Ion Ratio Lower Upper
74 100
45 145.6 71.9 215.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.662 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

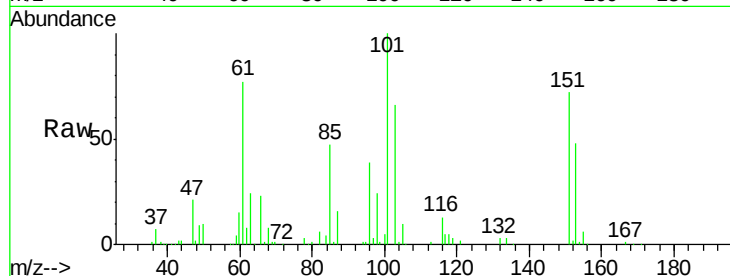
Tot Ion:101 Resp: 413435

Ion Ratio Lower Upper

101 100

85 47.2 37.6 56.4

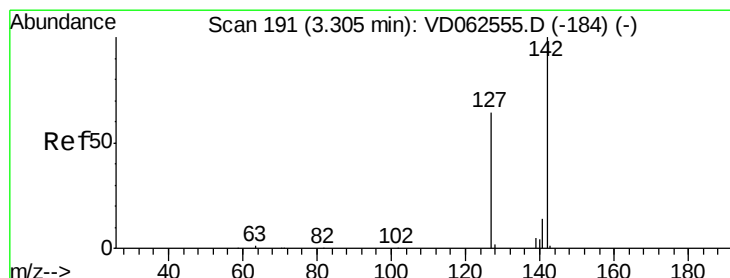
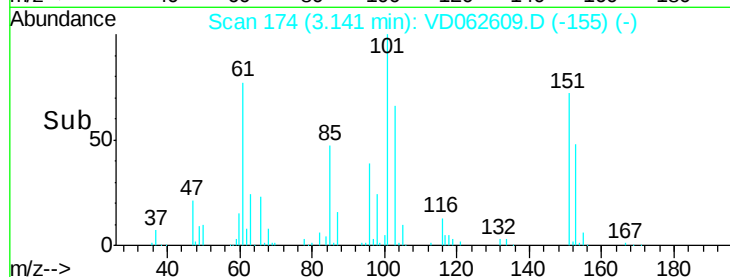
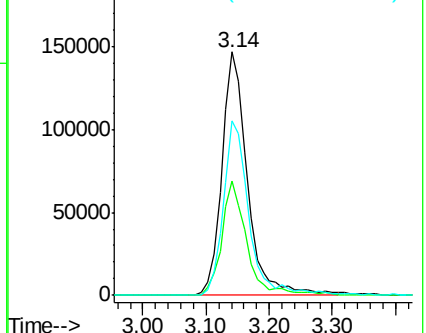
151 71.7 63.0 94.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 64.294 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

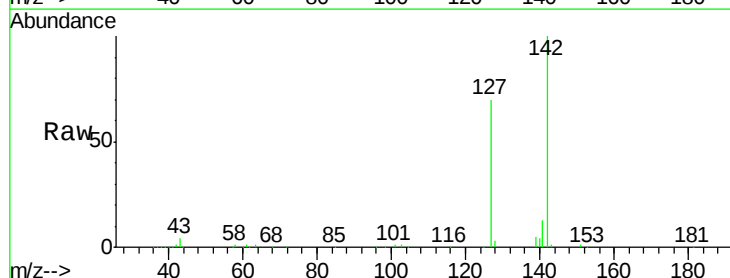
Tgt Ion:142 Resp: 514155

Ion Ratio Lower Upper

142 100

127 70.1 51.2 76.8

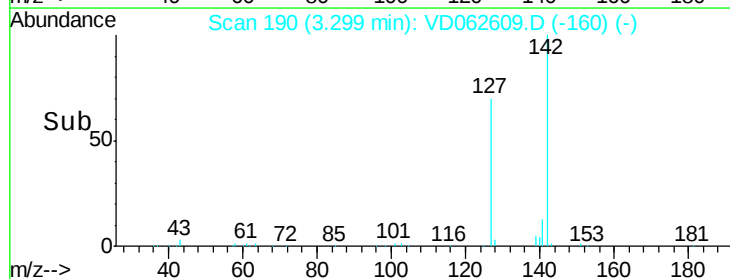
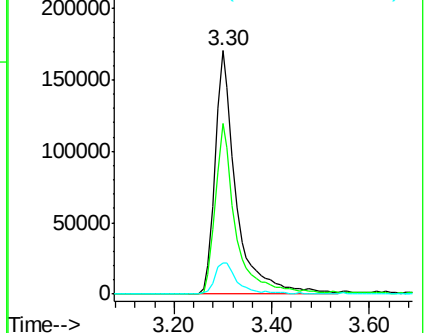
141 12.7 11.0 16.4

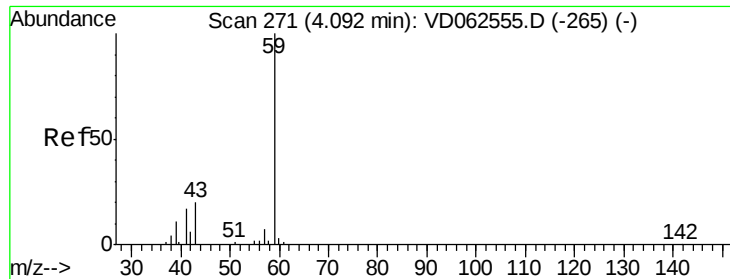


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

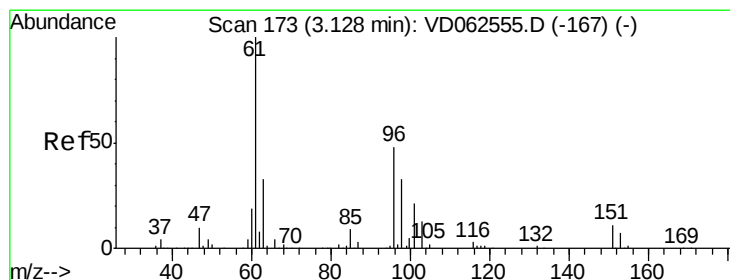
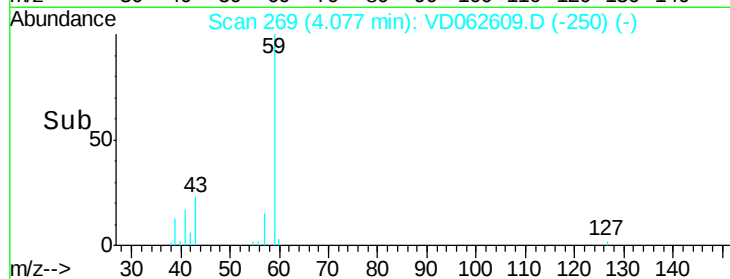
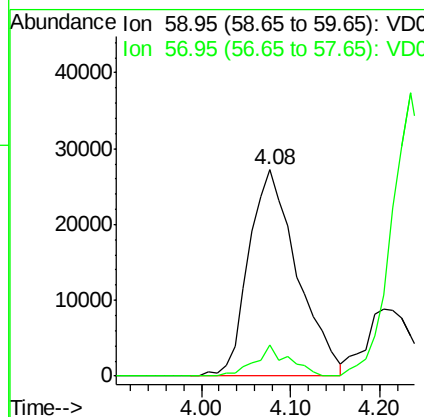
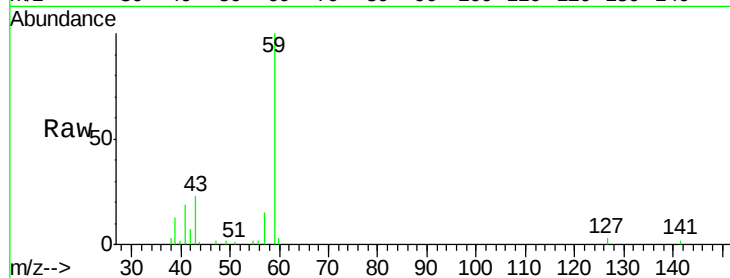




#11
Tert butyl alcohol
Concen: 321.268 ug/l
RT: 4.08 min Scan# 269
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

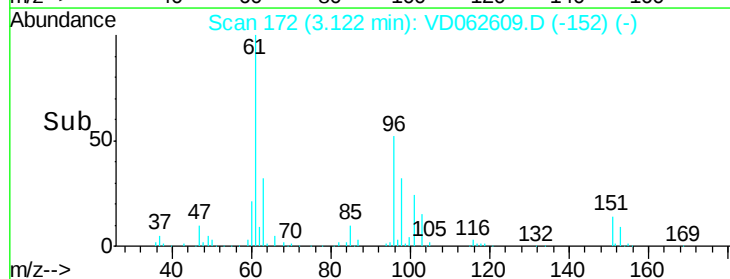
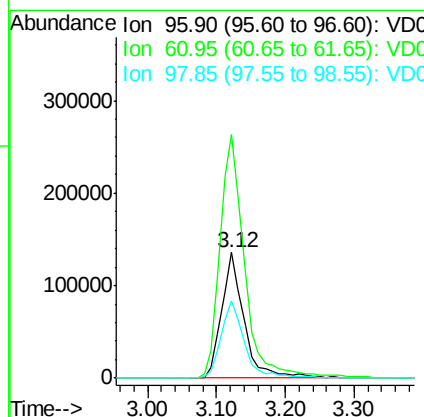
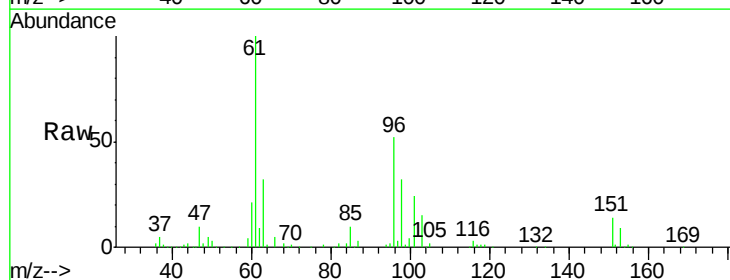
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

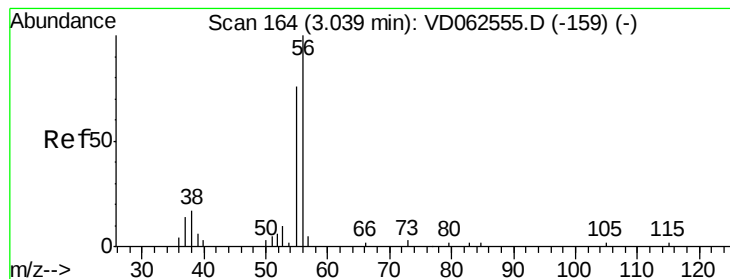
Tot Ion: 59 Resp: 102418
Ion Ratio Lower Upper
59 100
57 15.1 5.4 8.0#



#12
1,1-Dichloroethene
Concen: 61.699 ug/l
RT: 3.12 min Scan# 172
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 96 Resp: 307614
Ion Ratio Lower Upper
96 100
61 193.9 166.6 250.0
98 61.5 54.4 81.6





#13

Acrolein

Concen: 188.216 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.01 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

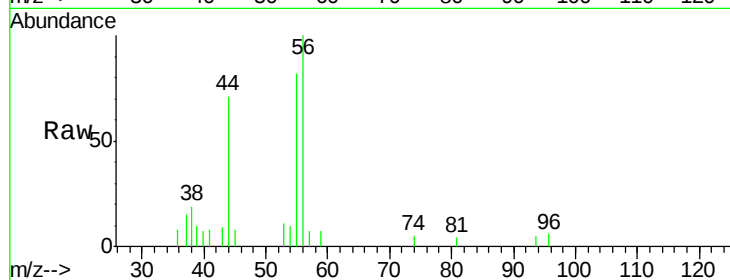
VSTDCCC050EC

Tot Ion: 56 Resp: 26144

Ion Ratio Lower Upper

56 100

55 81.7 62.6 93.8



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.03

10000

8000

6000

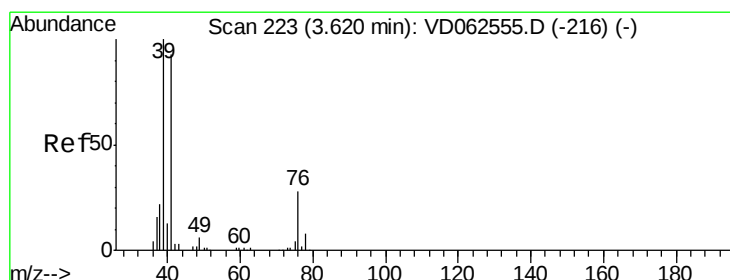
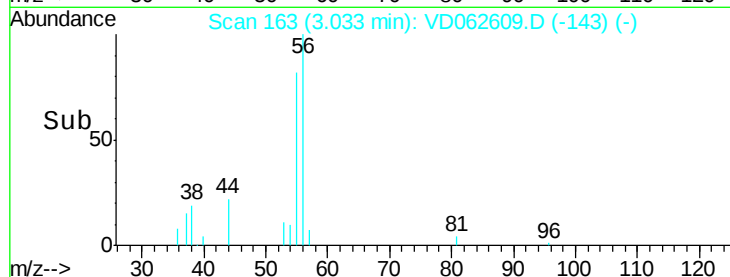
4000

2000

0

3.00 3.10 3.20

Time-->



#14

Allyl chloride

Concen: 55.056 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.01 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

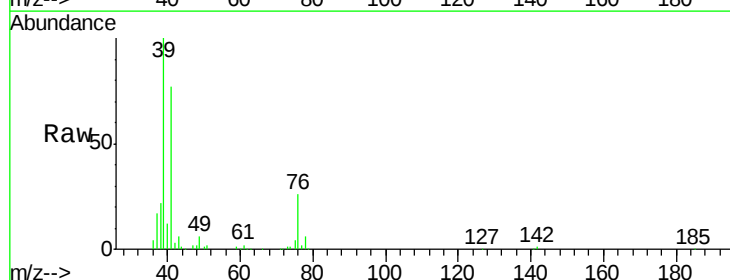
Tgt Ion: 41 Resp: 428778

Ion Ratio Lower Upper

41 100

39 130.5 86.3 129.5#

76 33.4 25.5 38.3



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

300000

250000

200000

150000

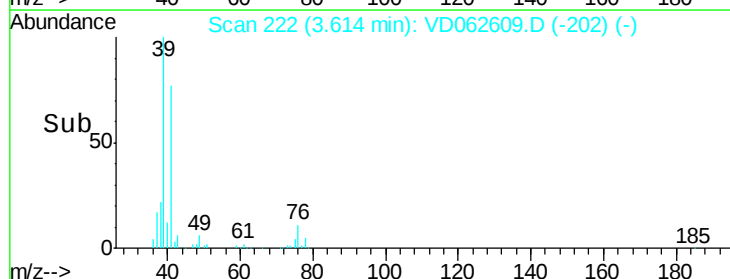
100000

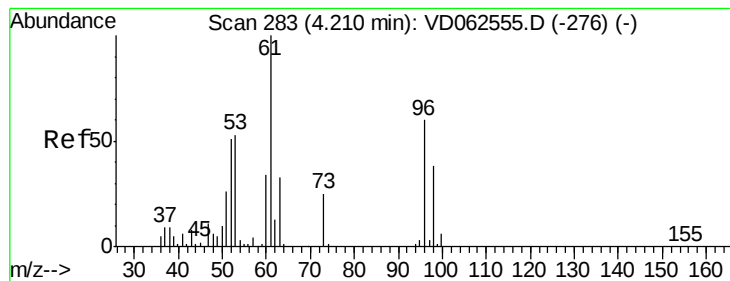
50000

0

3.50 3.60 3.70

Time-->





#15

Acrylonitrile

Concen: 293.647 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

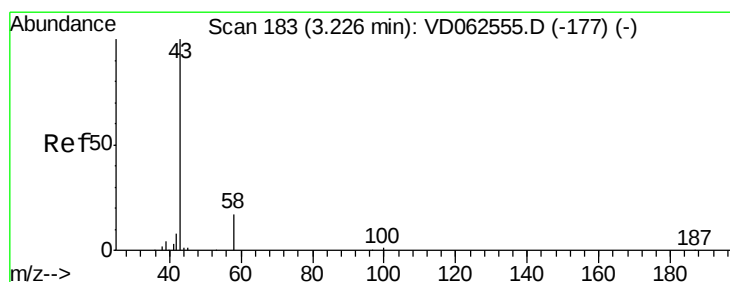
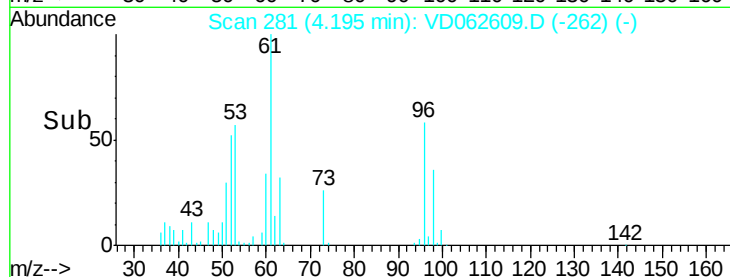
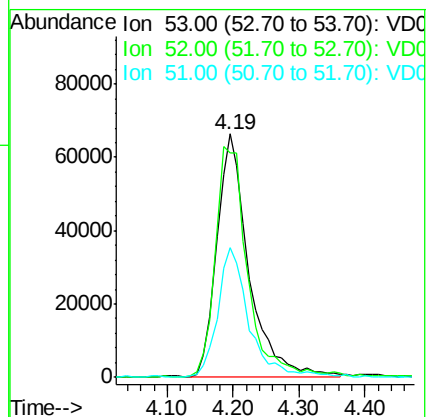
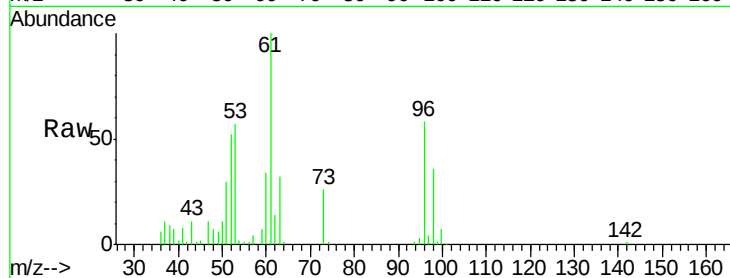
Tot Ion: 53 Resp: 223785

Ion Ratio Lower Upper

53 100

52 92.1 76.2 114.2

51 53.2 40.2 60.4



#16

Acetone

Concen: 296.678 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062609.D

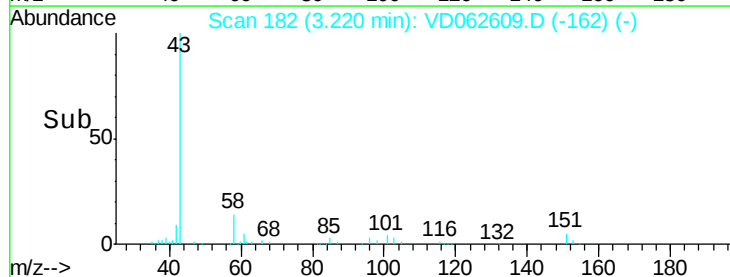
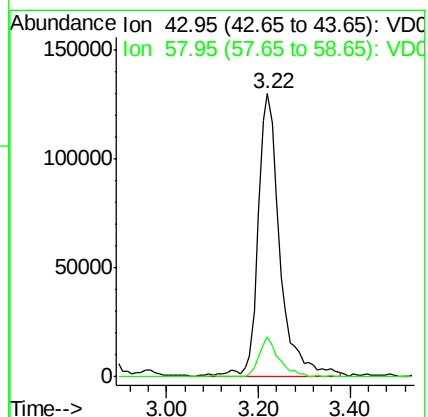
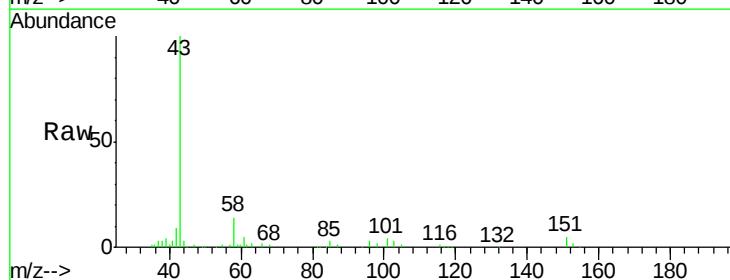
Acq: 4 Jun 2019 20:15

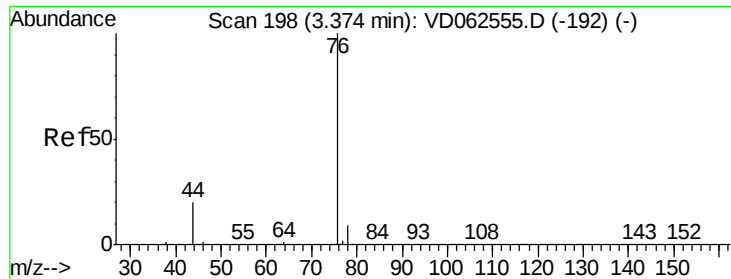
Tgt Ion: 43 Resp: 435681

Ion Ratio Lower Upper

43 100

58 14.4 13.8 20.8

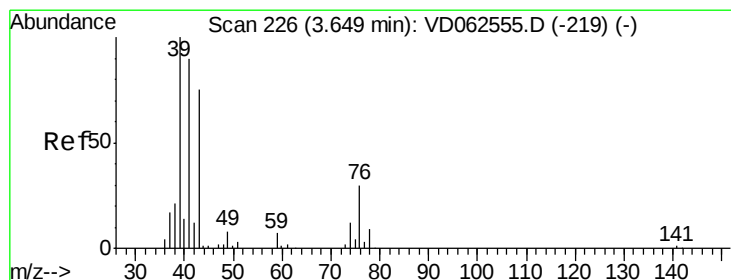
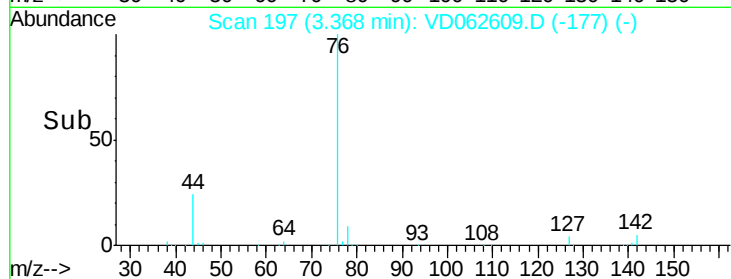
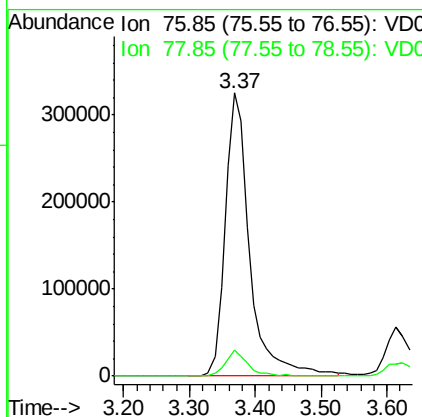
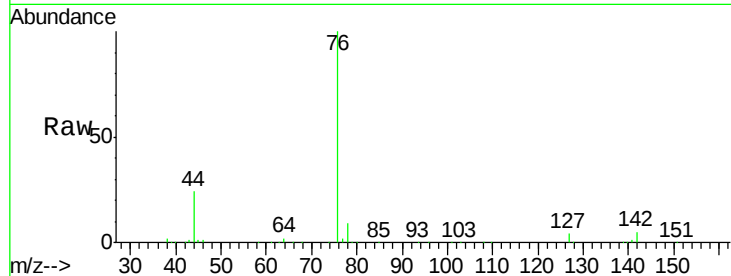




#17
Carbon Disulfide
Concen: 52.209 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

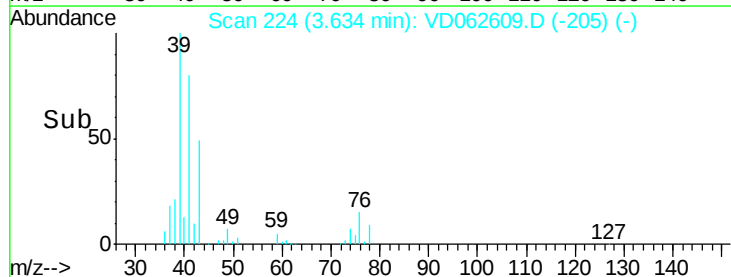
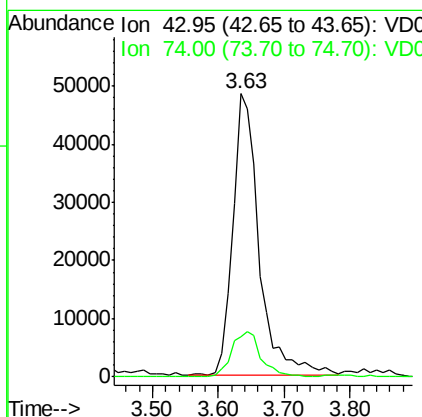
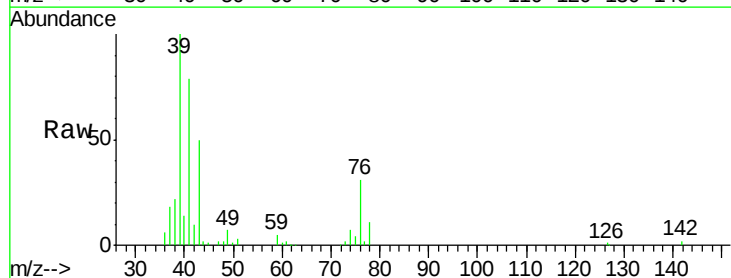
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

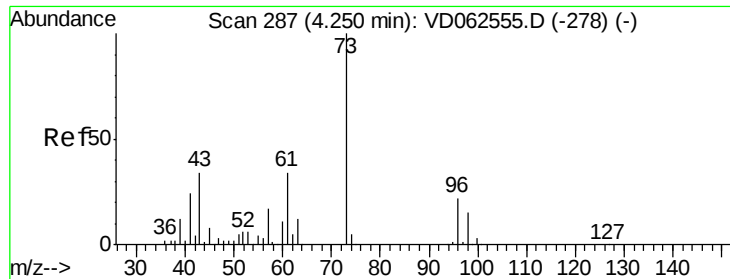
Tot Ion: 76 Resp: 846123
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 56.364 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 43 Resp: 135099
Ion Ratio Lower Upper
43 100
74 14.1 12.5 18.7

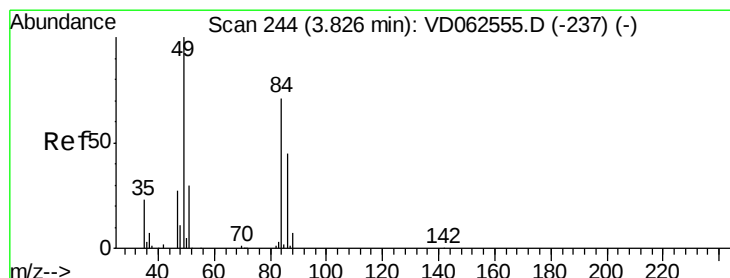
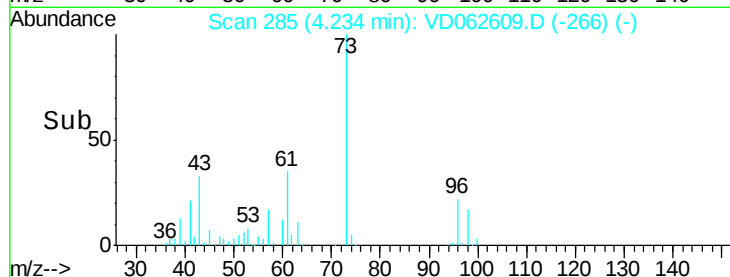
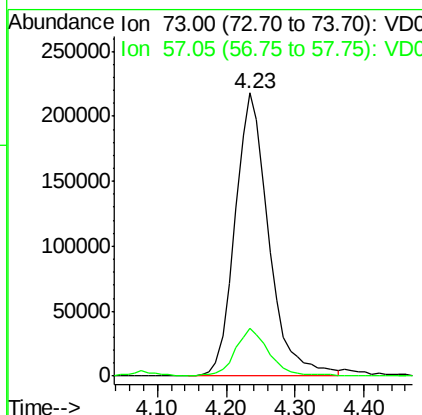
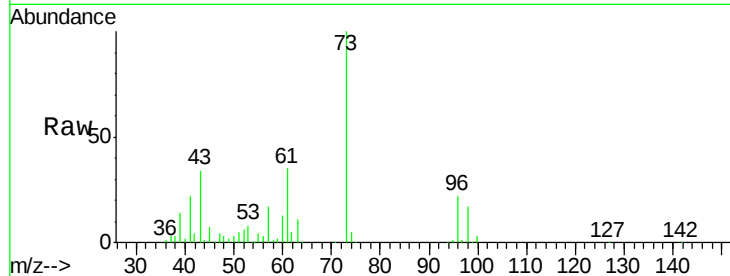




#19
Methyl tert-butyl Ether
Concen: 61.060 ug/l
RT: 4.23 min Scan# 285
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

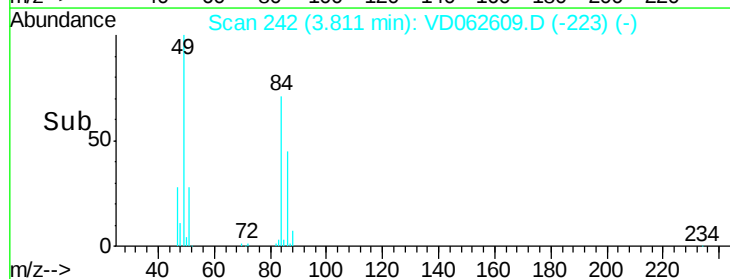
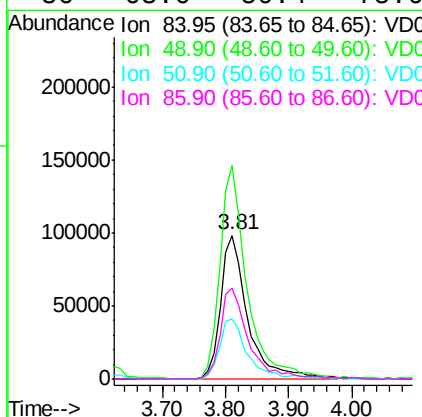
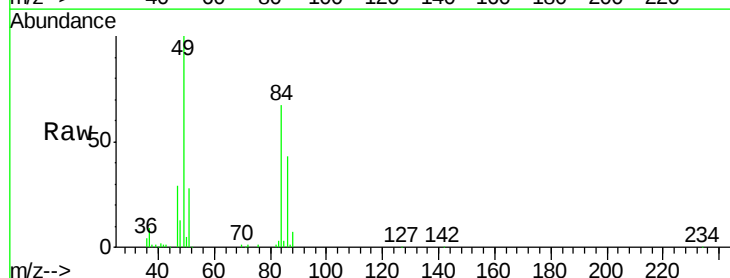
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

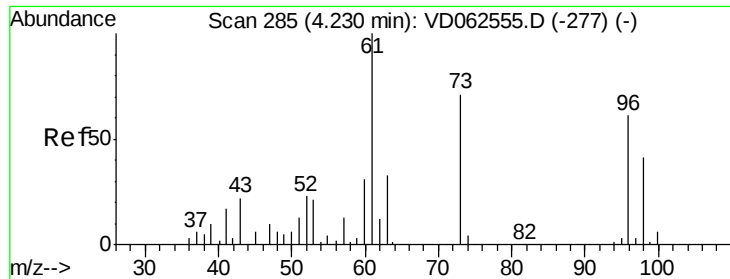
Tot Ion: 73 Resp: 737455
Ion Ratio Lower Upper
73 100
57 17.1 13.8 20.8



#20
Methylene Chloride
Concen: 54.199 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 84 Resp: 294635
Ion Ratio Lower Upper
84 100
49 148.7 112.3 168.5
51 41.9 33.6 50.4
86 63.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 55.749 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

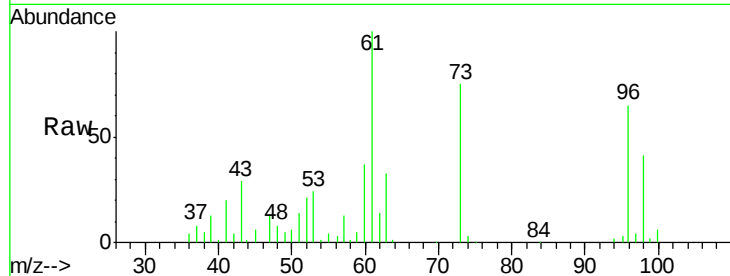
Tot Ion: 96 Resp: 315422

Ion Ratio Lower Upper

96 100

61 154.7 131.1 196.7

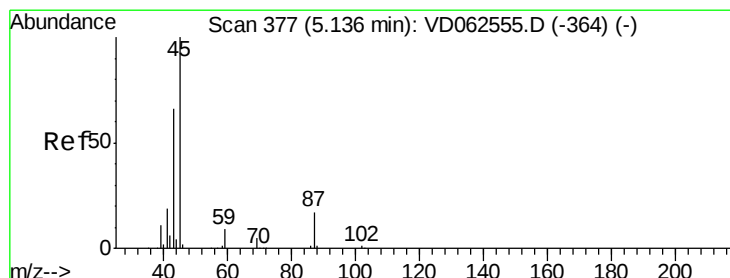
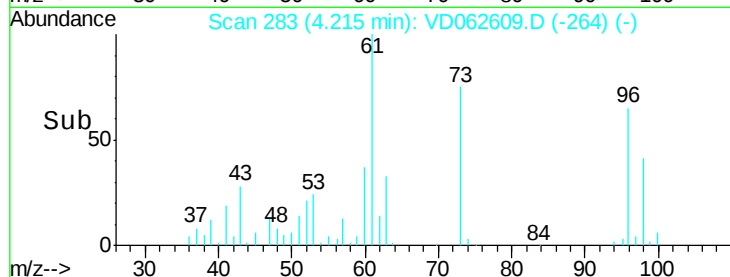
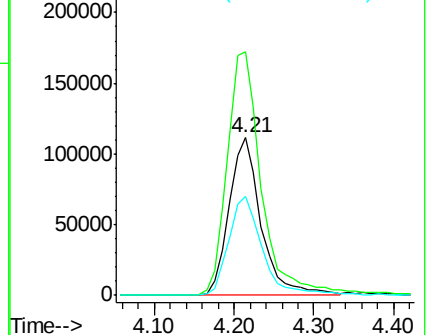
98 63.3 54.2 81.4



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: 59.633 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Tgt Ion: 45 Resp: 948764

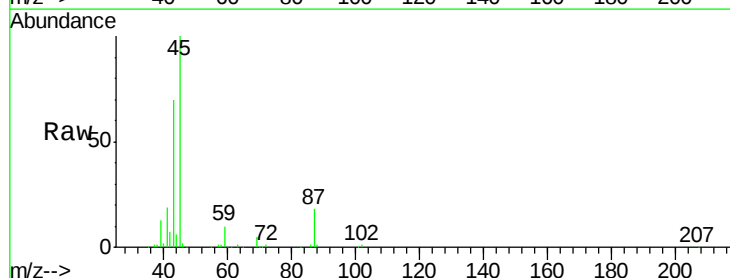
Ion Ratio Lower Upper

45 100

43 70.0 53.6 80.4

87 18.5 14.2 21.4

59 10.0 7.3 10.9

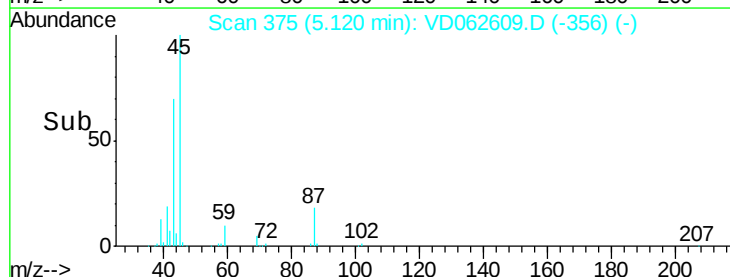
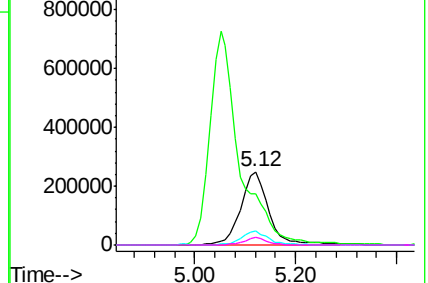


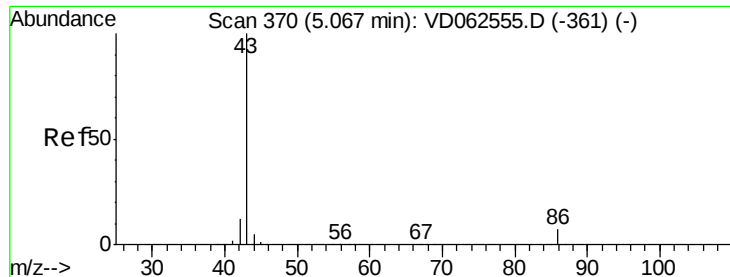
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 308.127 ug/l

RT: 5.05 min Scan# 368

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

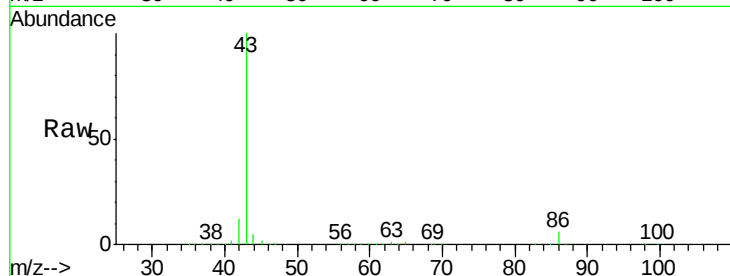
VSTDCCC050EC

Tot Ion: 43 Resp: 2972971

Ion Ratio Lower Upper

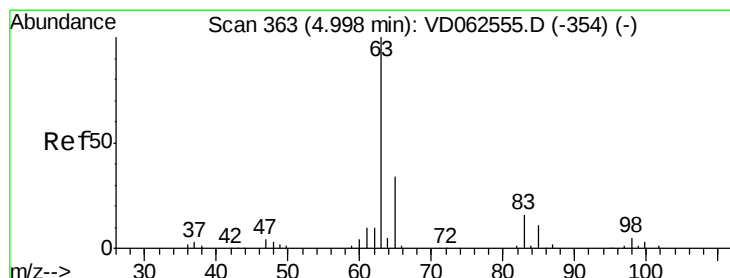
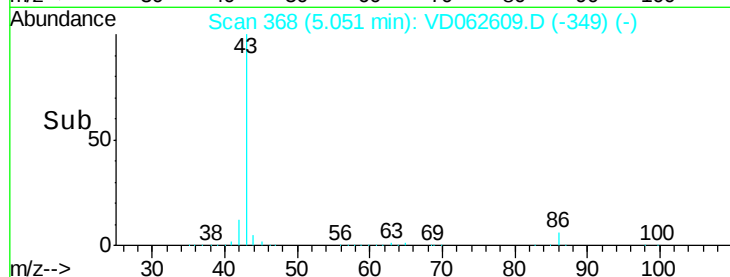
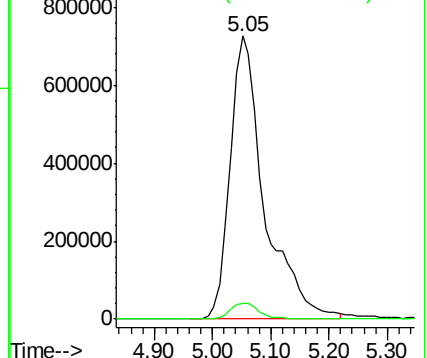
43 100

86 5.8 5.5 8.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 59.663 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.03 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

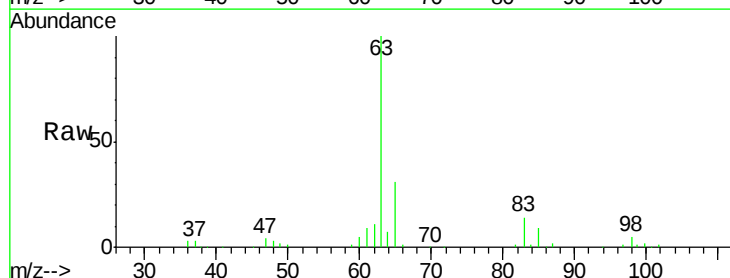
Tgt Ion: 63 Resp: 612575

Ion Ratio Lower Upper

63 100

98 4.6 2.5 7.5

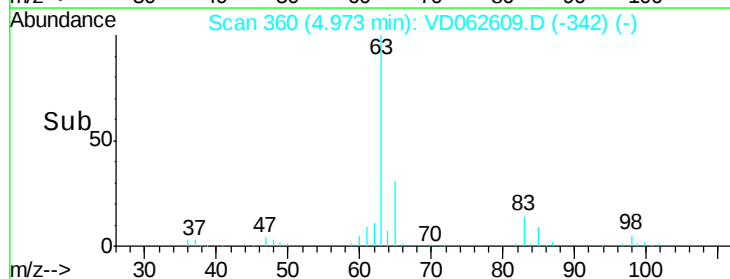
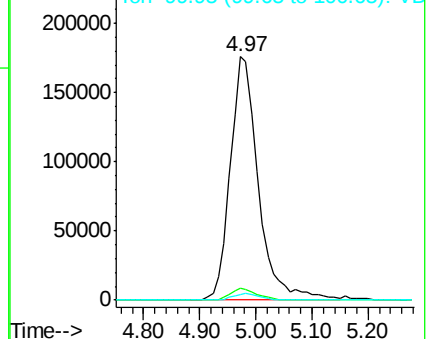
100 2.4 1.6 4.7

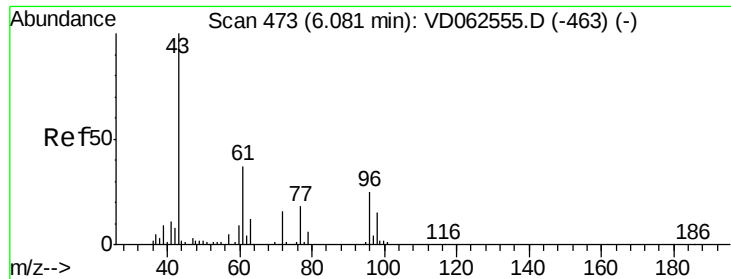


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 288.774 ug/l

RT: 6.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

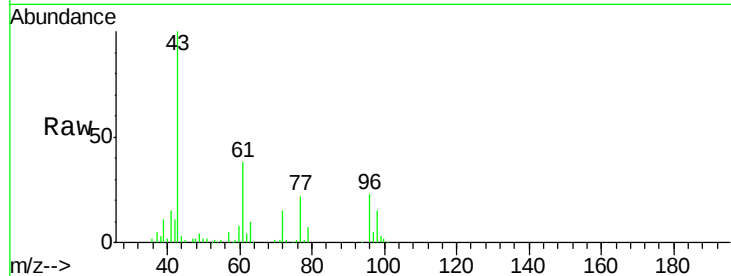
VSTDCCC050EC

Tot Ion: 43 Resp: 399392

Ion Ratio Lower Upper

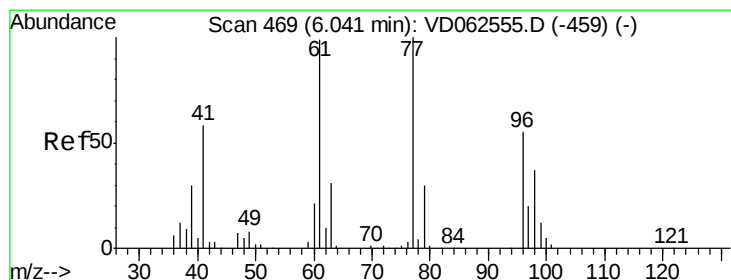
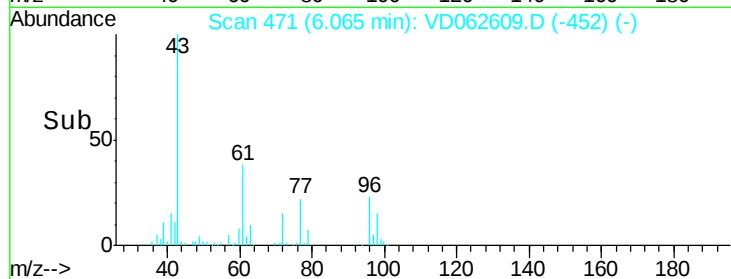
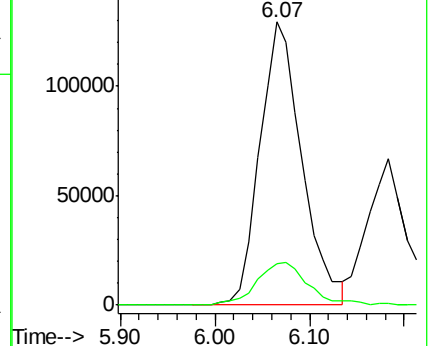
43 100

72 14.7 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 60.507 ug/l

RT: 6.02 min Scan# 466

Delta R.T. -0.03 min

Lab File: VD062609.D

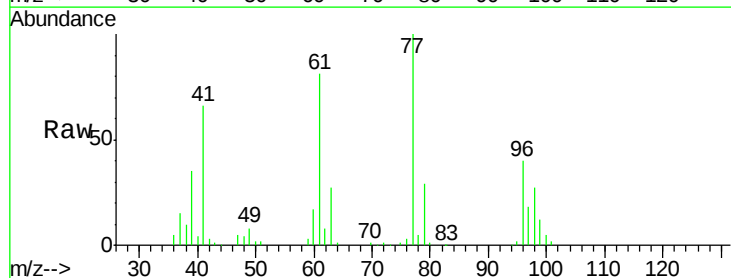
Acq: 4 Jun 2019 20:15

Tgt Ion: 77 Resp: 689199

Ion Ratio Lower Upper

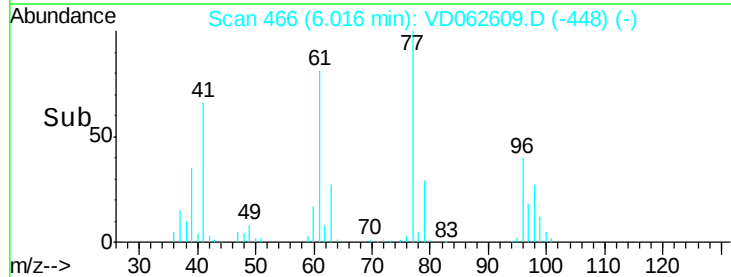
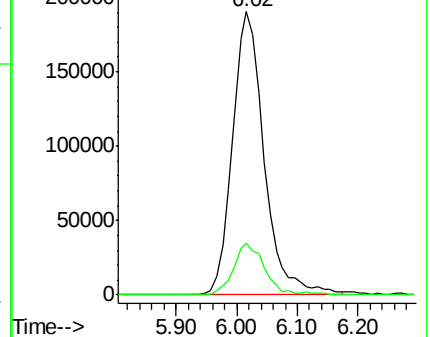
77 100

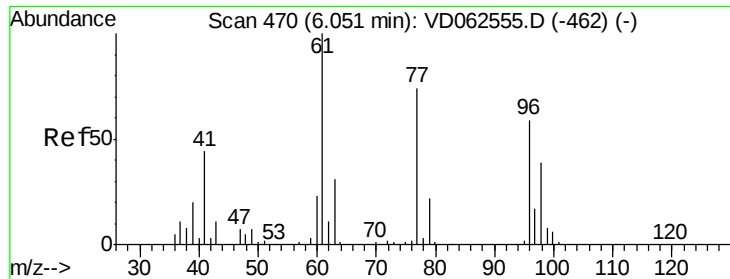
97 18.1 9.8 29.3



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

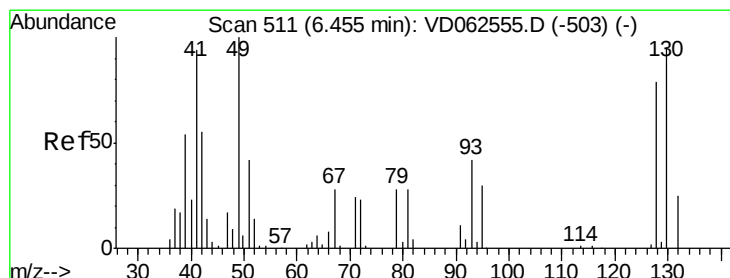
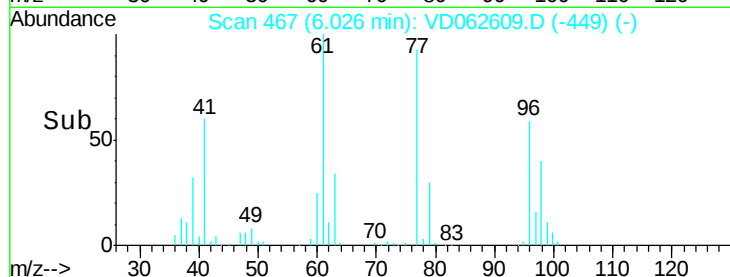
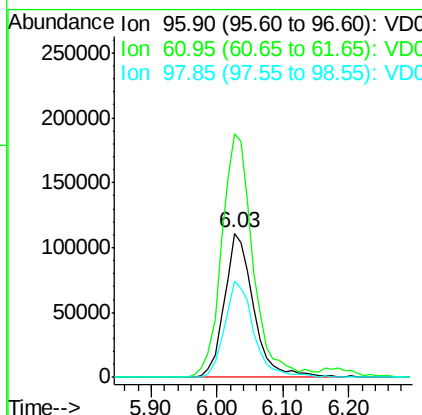
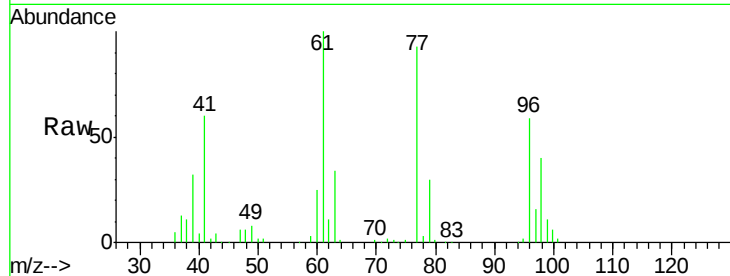




#27
 cis-1,2-Dichloroethene
 Concen: 59.065 ug/l
 RT: 6.03 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

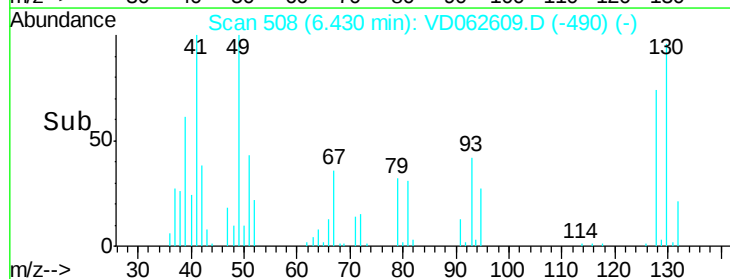
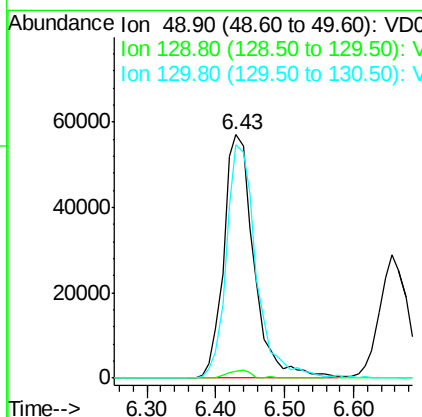
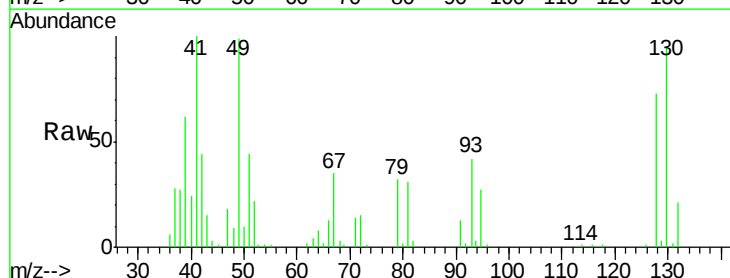
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

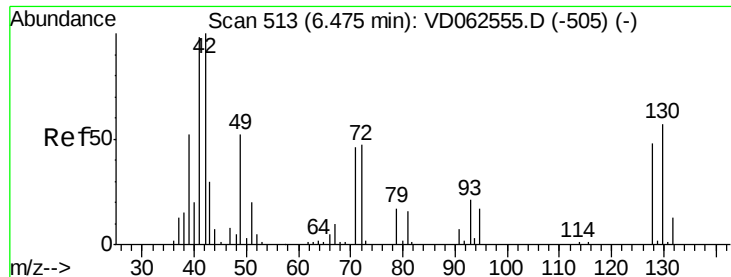
Tot Ion: 96 Resp: 343510
 Ion Ratio Lower Upper
 96 100
 61 168.9 0.0 342.4
 98 67.2 0.0 134.6



#28
 Bromochloromethane
 Concen: 48.881 ug/l
 RT: 6.43 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

Tgt Ion: 49 Resp: 173422
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 95.9 75.8 113.8

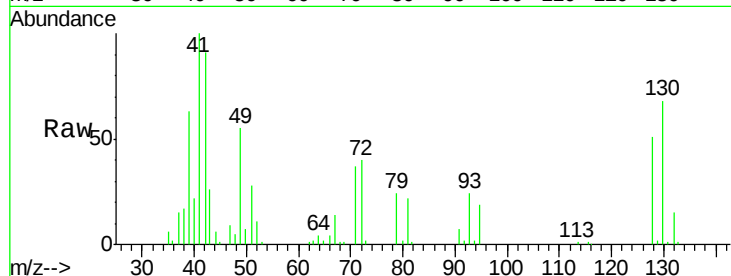




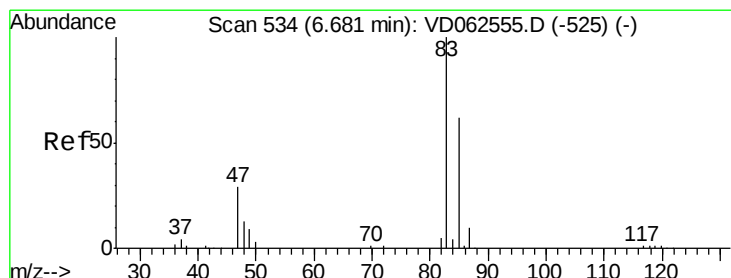
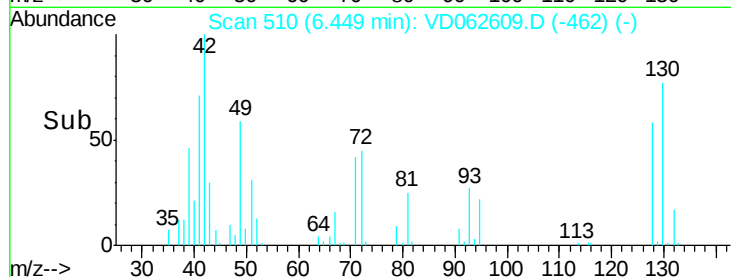
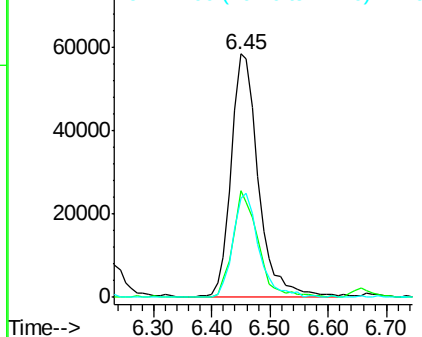
#29
Tetrahydrofuran
Concen: 309.401 ug/l
RT: 6.45 min Scan# 510
Delta R.T. -0.03 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 191686
Ion Ratio Lower Upper
42 100
72 40.8 34.5 51.7
71 40.7 33.0 49.6

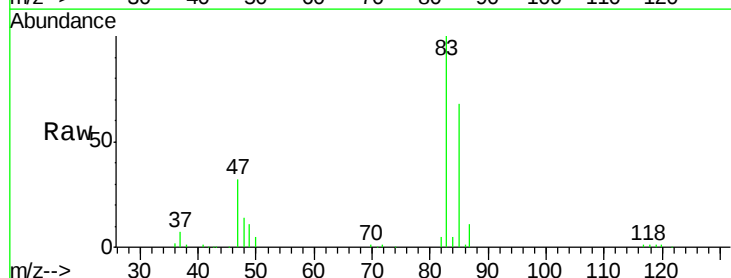


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

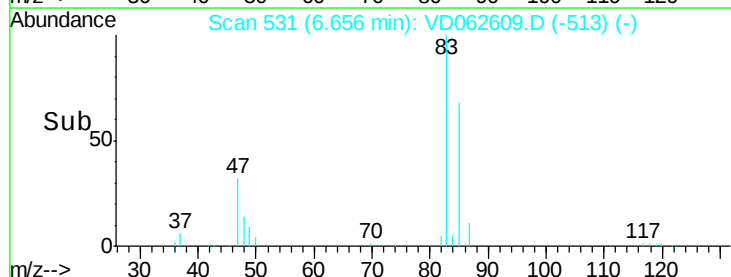
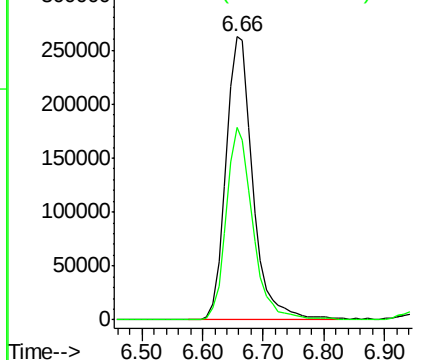


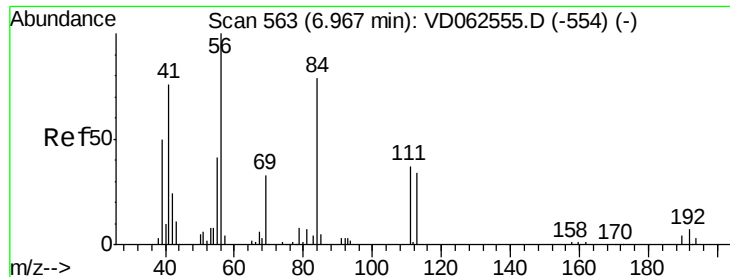
#30
Chloroform
Concen: 65.444 ug/l
RT: 6.66 min Scan# 531
Delta R.T. -0.03 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 83 Resp: 809673
Ion Ratio Lower Upper
83 100
85 67.8 49.4 74.0



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

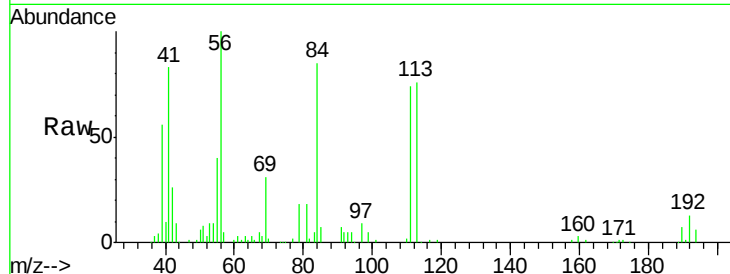




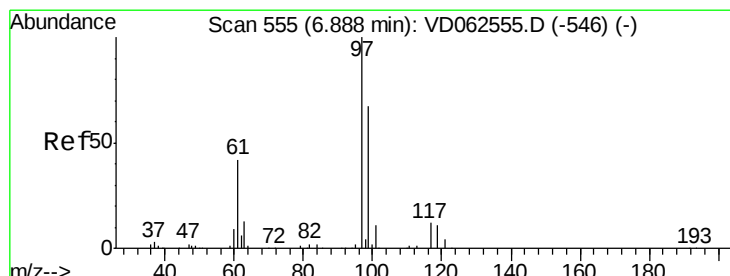
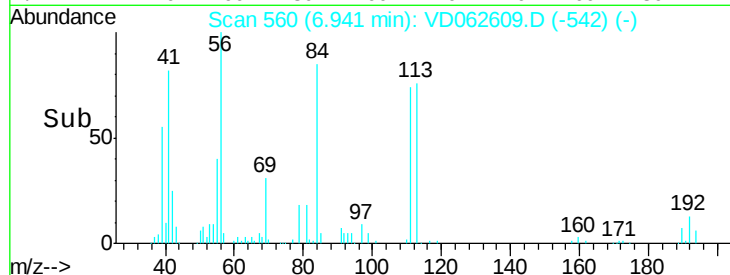
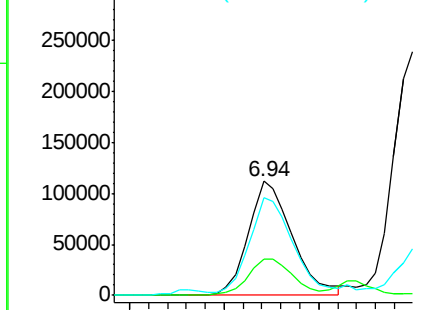
#31
Cyclohexane
Concen: 51.939 ug/l
RT: 6.94 min Scan# 560
Delta R.T. -0.03 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 360543
Ion Ratio Lower Upper
56 100
69 31.3 26.2 39.2
84 85.0 65.2 97.8

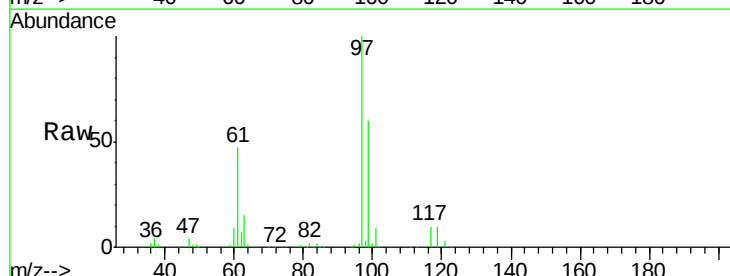


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

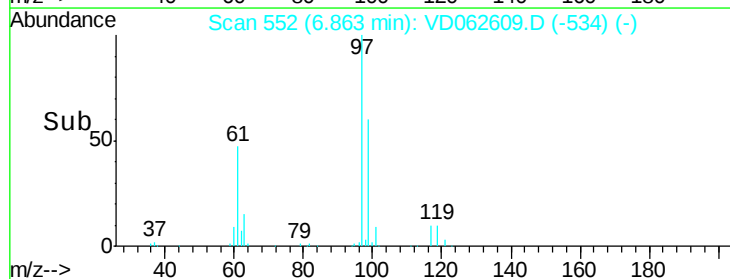
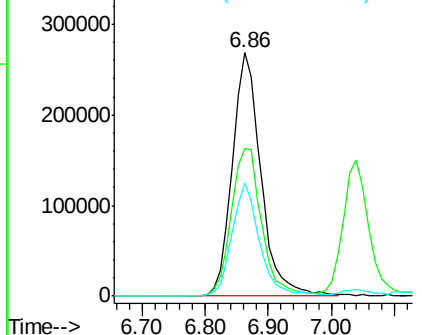


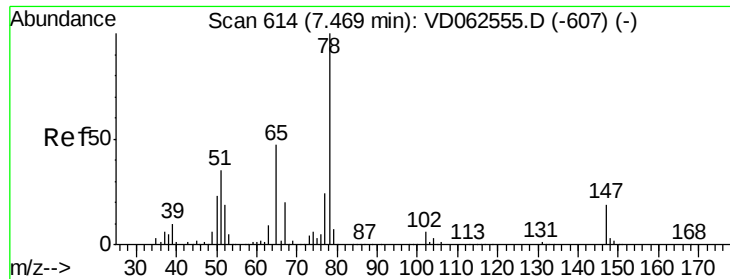
#32
1,1,1-Trichloroethane
Concen: 65.161 ug/l
RT: 6.86 min Scan# 552
Delta R.T. -0.03 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 97 Resp: 839007
Ion Ratio Lower Upper
97 100
99 60.5 53.6 80.4
61 46.5 33.9 50.9



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: 67.667 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

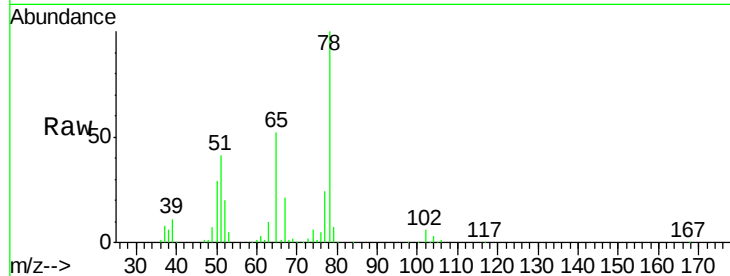
VSTDCCC050EC

Tot Ion: 65 Resp: 505754

Ion Ratio Lower Upper

65 100

67 40.9 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

200000

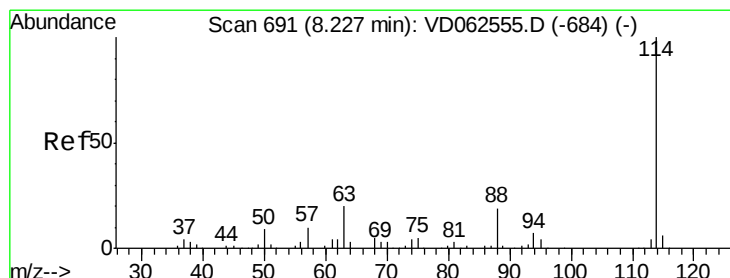
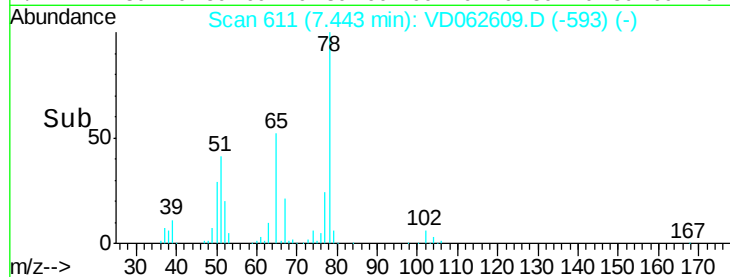
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

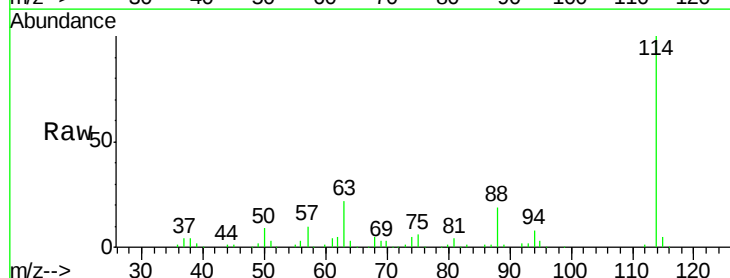
Tgt Ion: 114 Resp: 842041

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.6

88 18.7 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21

400000

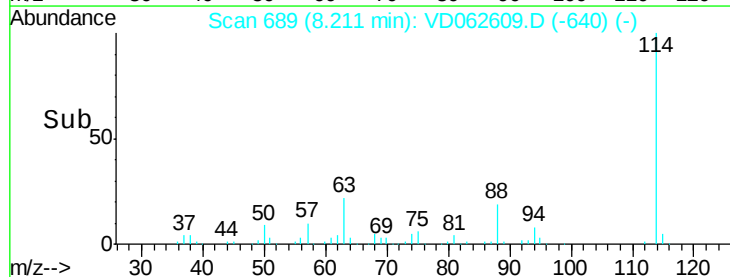
300000

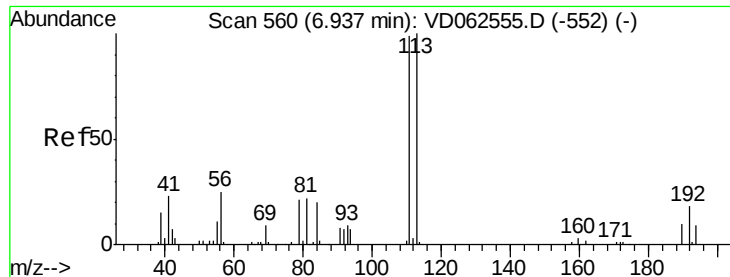
200000

100000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 63.803 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

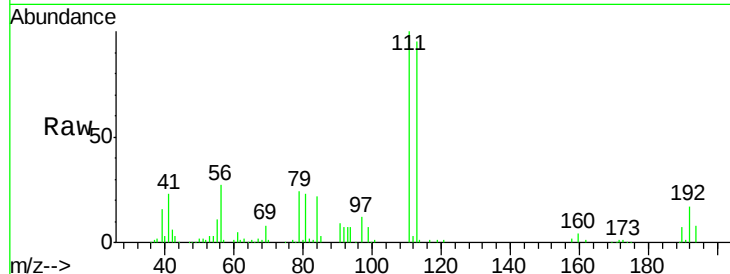
Tot Ion:113 Resp: 489577

Ion Ratio Lower Upper

113 100

111 105.7 78.8 118.2

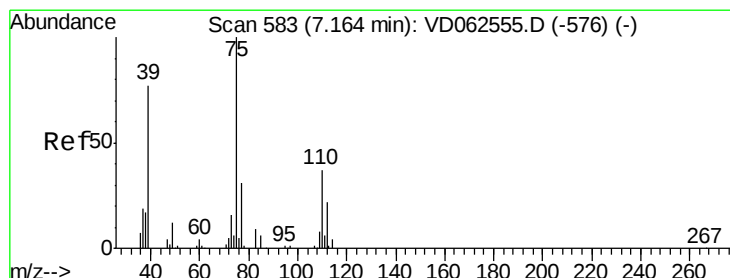
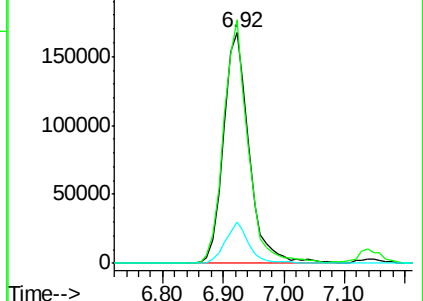
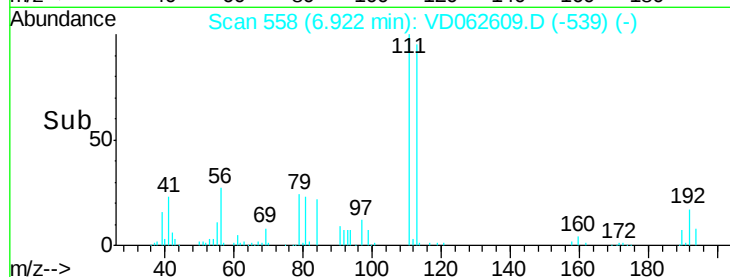
192 17.7 14.6 22.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 59.164 ug/l

RT: 7.14 min Scan# 580

Delta R.T. -0.03 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

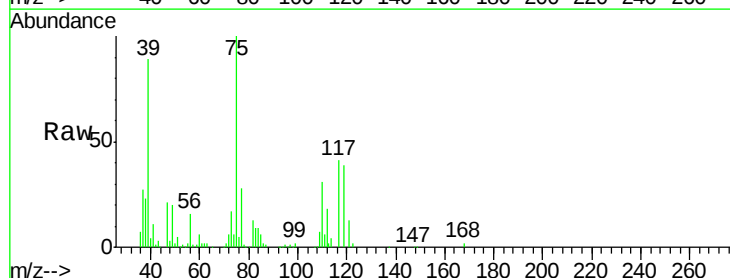
Tgt Ion: 75 Resp: 495929

Ion Ratio Lower Upper

75 100

110 30.6 18.3 54.8

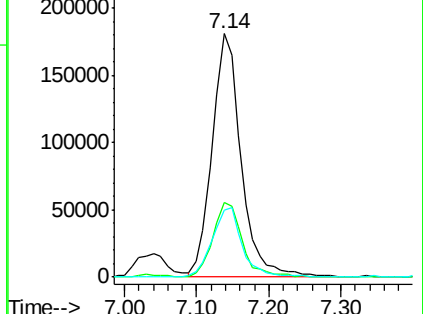
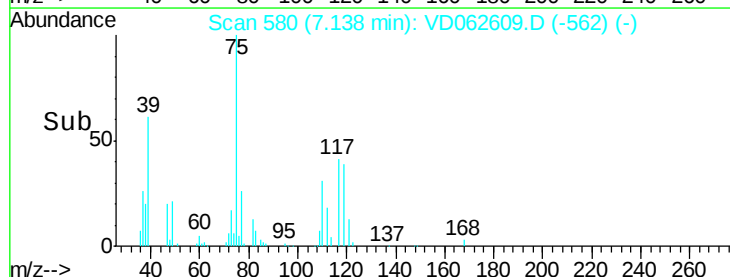
77 27.7 24.4 36.6

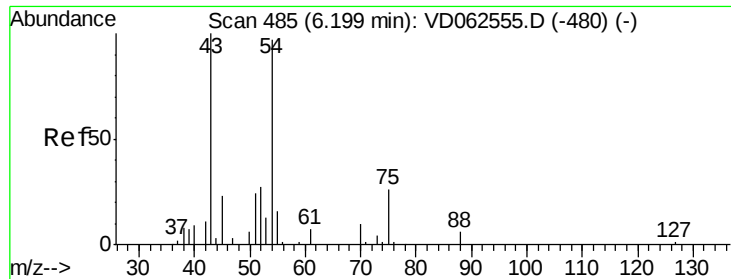


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

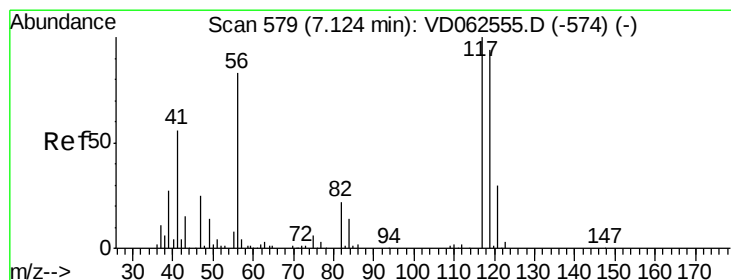
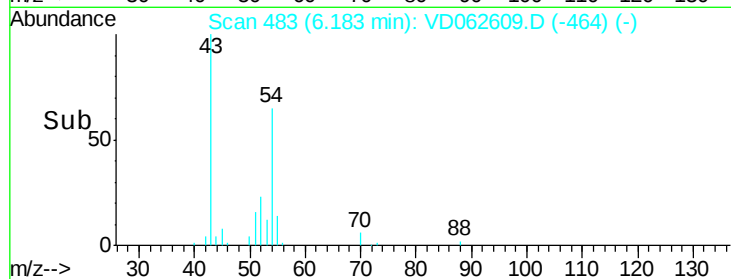
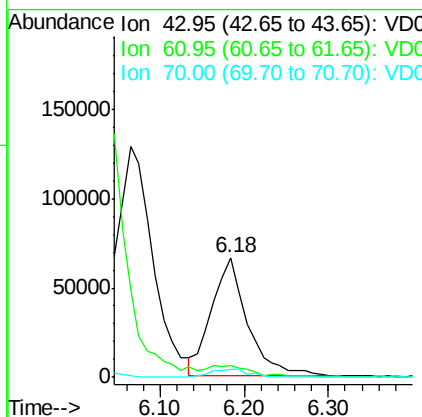
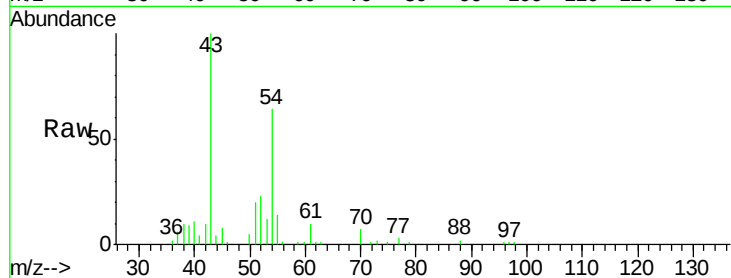




#37
Ethyl Acetate
Concen: 55.780 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

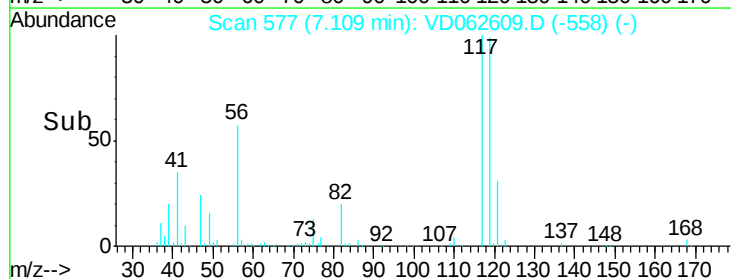
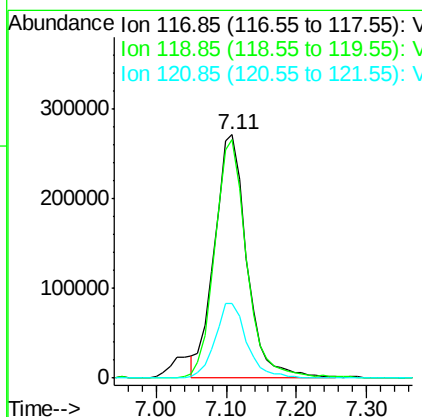
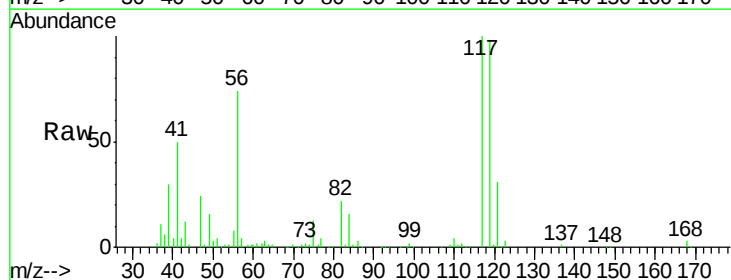
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

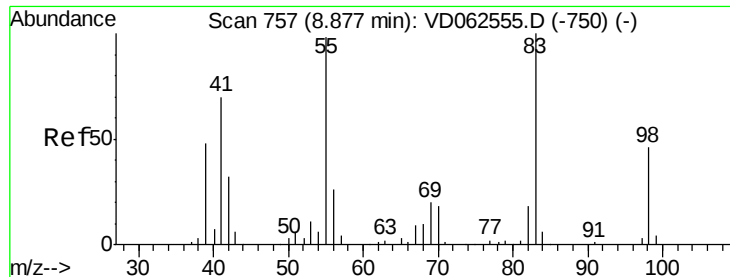
Tot Ion: 43 Resp: 197118
Ion Ratio Lower Upper
43 100
61 10.2 9.8 14.8
70 6.8 6.5 9.7



#38
Carbon Tetrachloride
Concen: 69.706 ug/l m
RT: 7.11 min Scan# 577
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 117 Resp: 869906
Ion Ratio Lower Upper
117 100
119 98.2 71.4 107.2
121 30.8 22.5 33.7

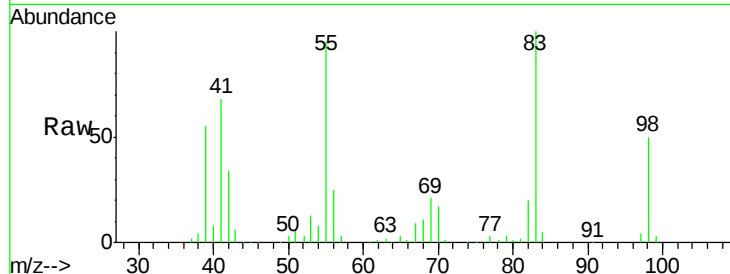




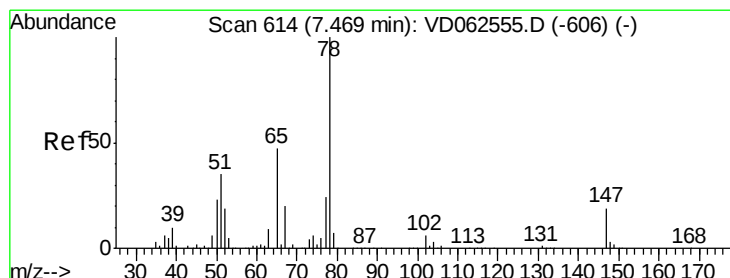
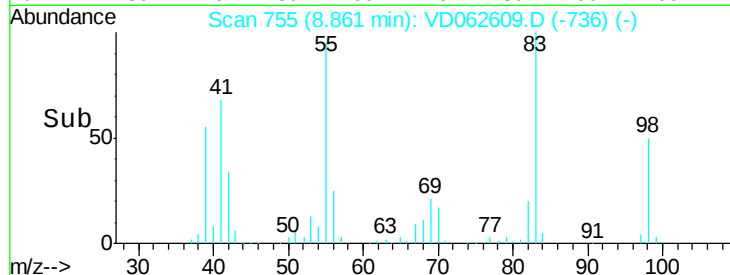
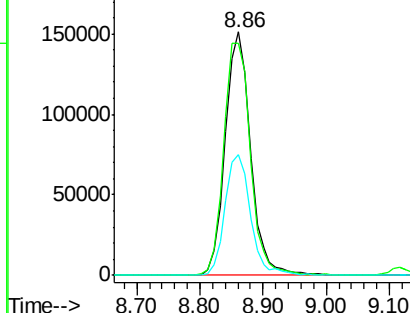
#39
Methylcyclohexane
Concen: 59.428 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 421741
Ion Ratio Lower Upper
83 100
55 95.2 78.7 118.1
98 49.8 37.2 55.8

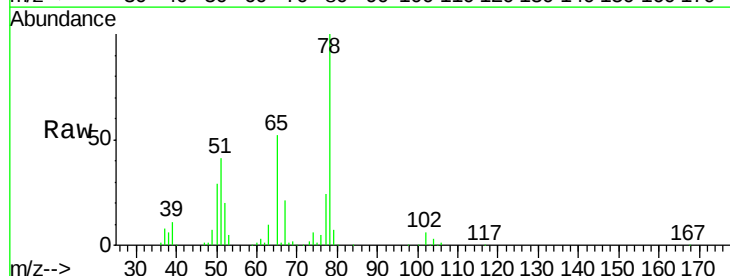


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

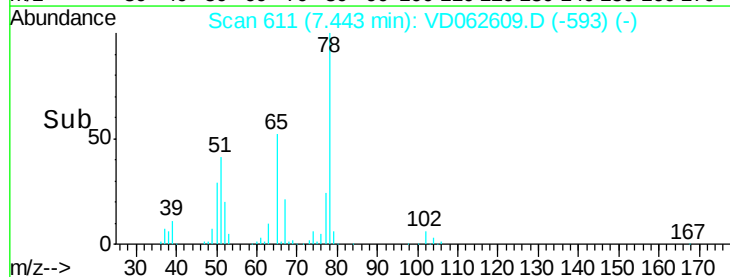
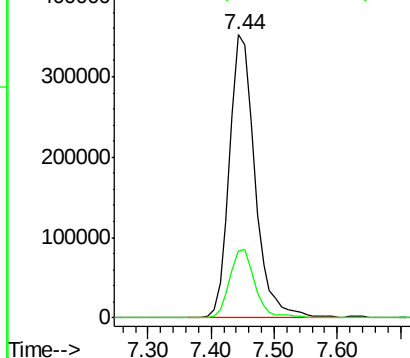


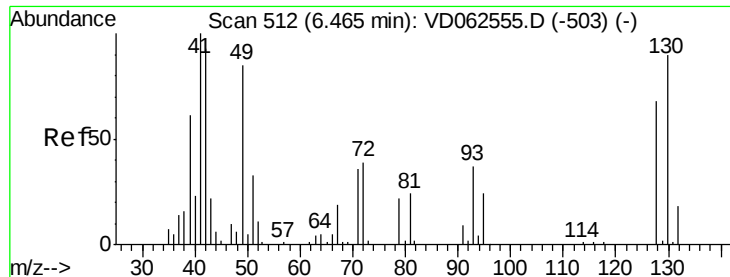
#40
Benzene
Concen: 59.871 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 78 Resp: 984984
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



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





#41

Methacrylonitrile

Concen: 65.534 ug/l

RT: 6.44 min Scan# 509

Delta R.T. -0.03 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 272525

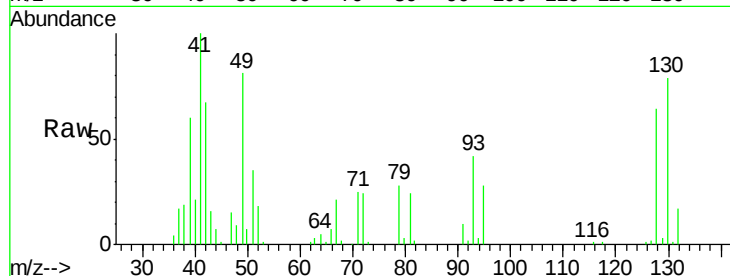
Ion Ratio Lower Upper

41 100

39 60.3 49.0 73.6

67 20.7 15.5 23.3

52 17.9 8.9 13.3#

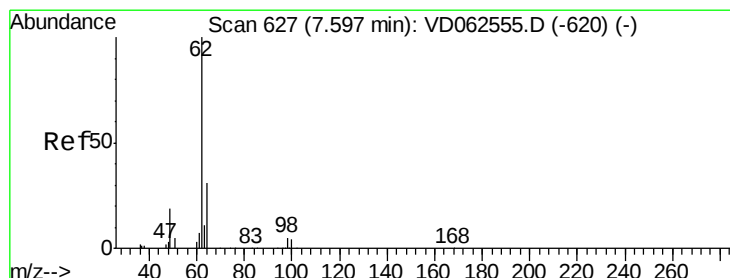
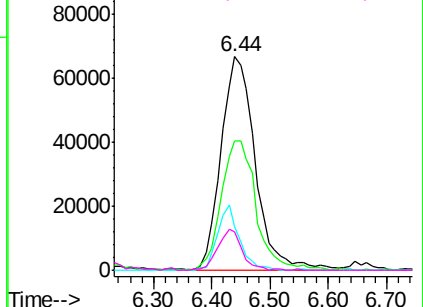
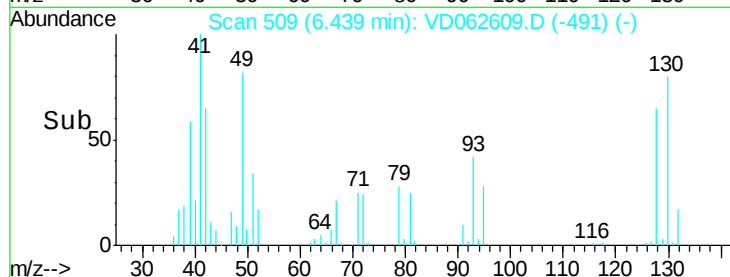


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 66.929 ug/l

RT: 7.57 min Scan# 624

Delta R.T. -0.03 min

Lab File: VD062609.D

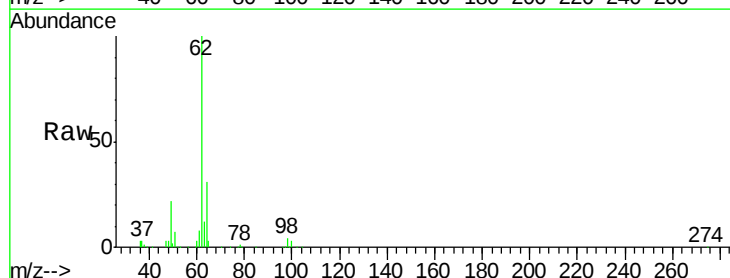
Acq: 4 Jun 2019 20:15

Tgt Ion: 62 Resp: 613337

Ion Ratio Lower Upper

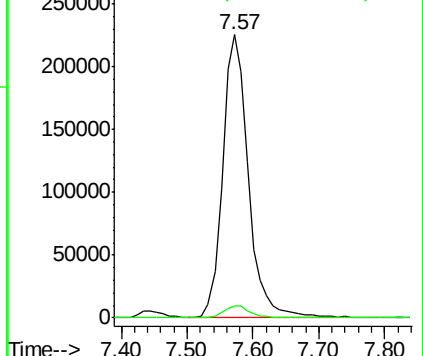
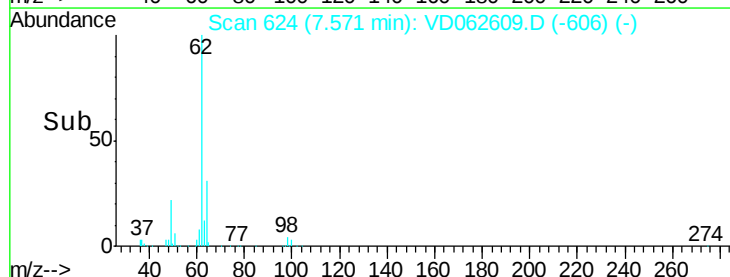
62 100

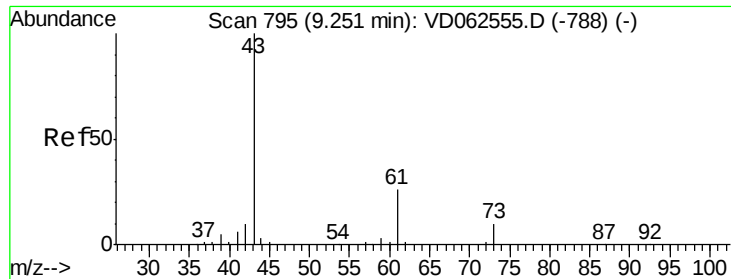
98 4.0 0.0 11.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 62.851 ug/l

RT: 9.24 min Scan# 793

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

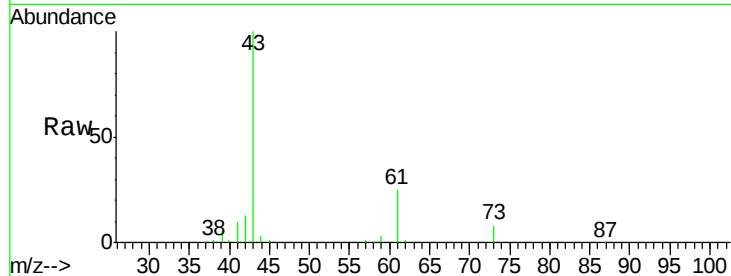
Tot Ion: 43 Resp: 276438

Ion Ratio Lower Upper

43 100

61 25.0 20.5 30.7

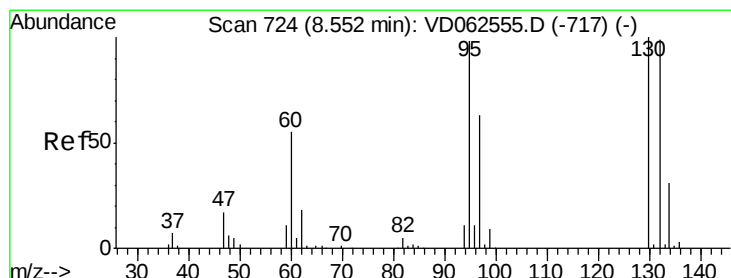
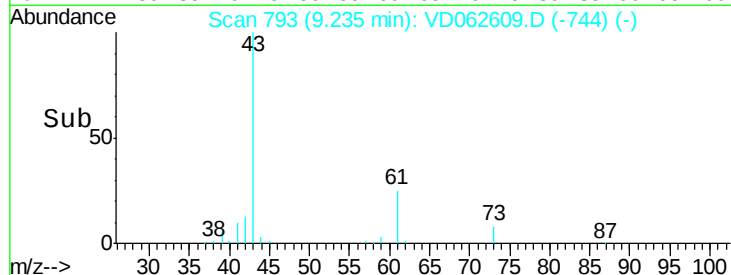
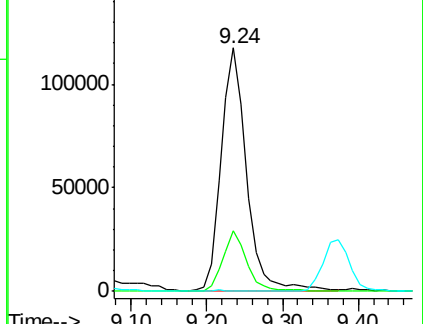
87 0.3 0.2 0.2#



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: 59.318 ug/l

RT: 8.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: VD062609.D

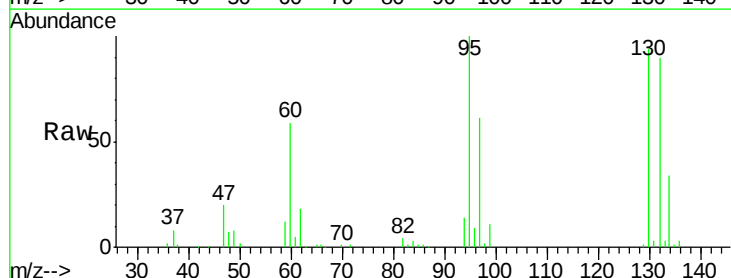
Acq: 4 Jun 2019 20:15

Tgt Ion:130 Resp: 389863

Ion Ratio Lower Upper

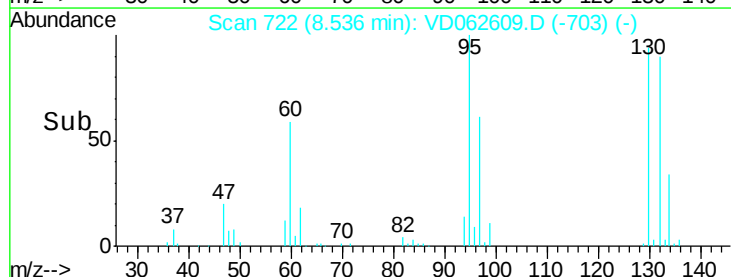
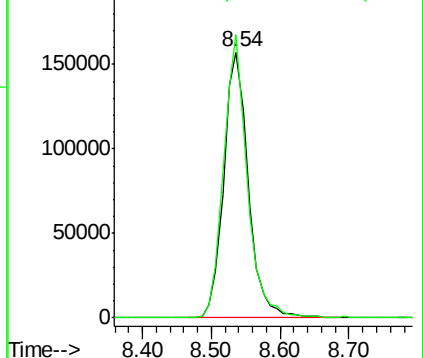
130 100

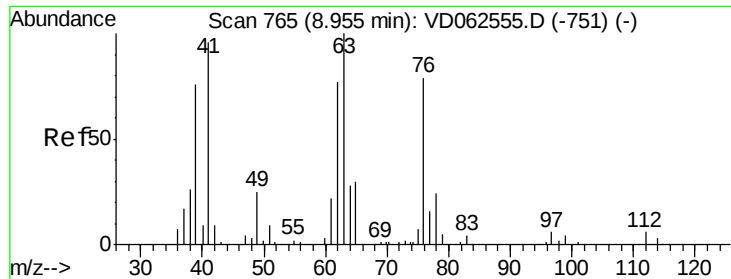
95 106.5 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 59.944 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.03 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

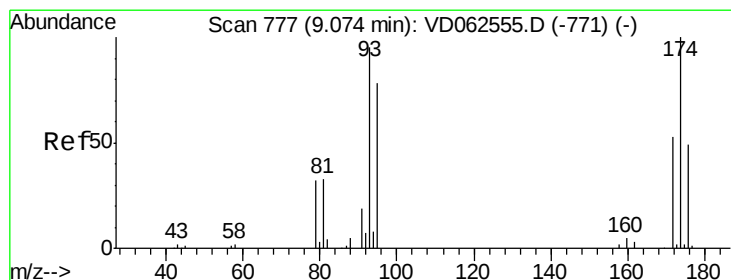
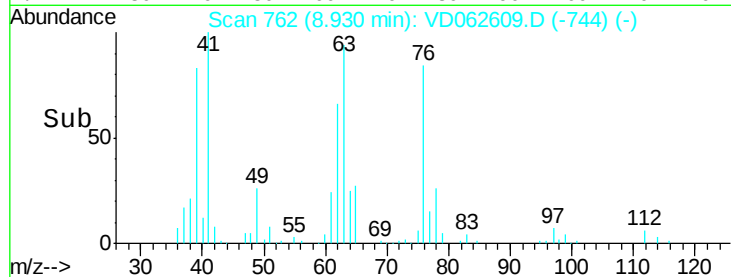
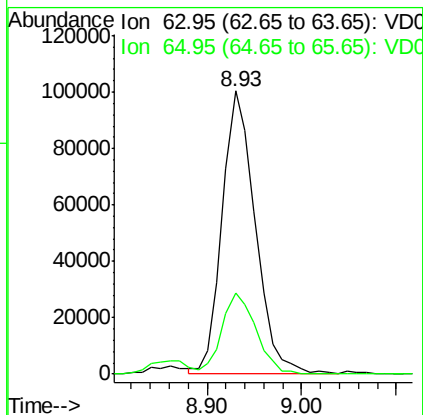
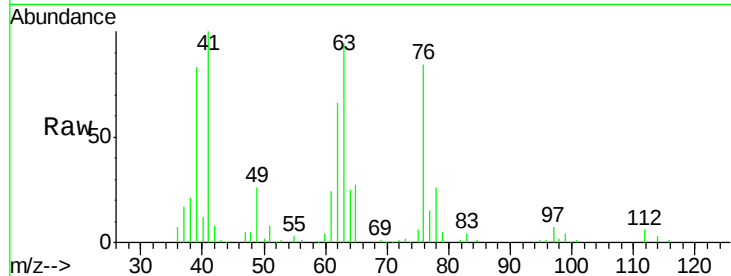
VSTDCCC050EC

Tot Ion: 63 Resp: 241777

Ion Ratio Lower Upper

63 100

65 28.8 23.7 35.5



#46

Dibromomethane

Concen: 67.396 ug/l

RT: 9.06 min Scan# 775

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

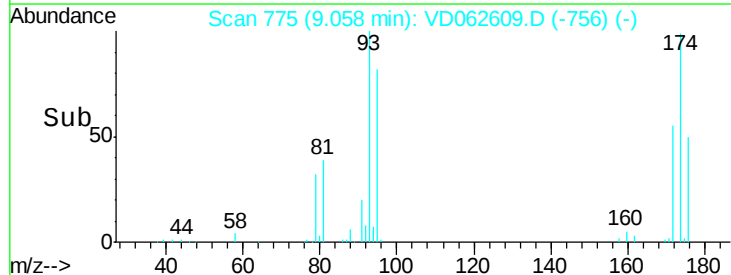
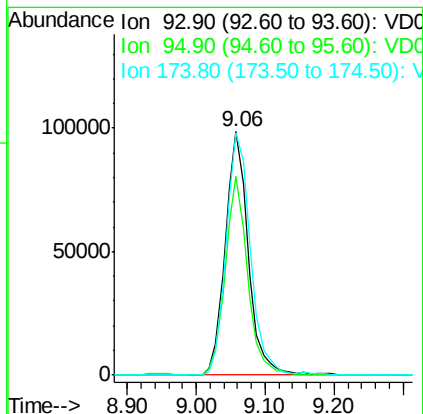
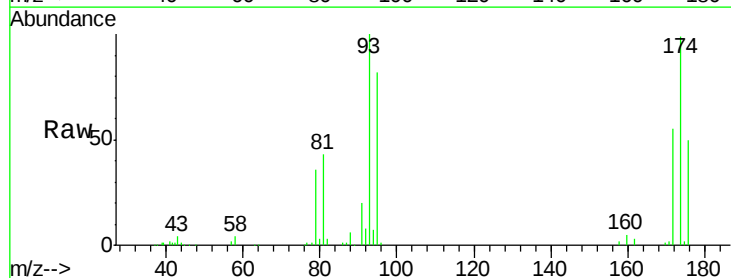
Tgt Ion: 93 Resp: 228331

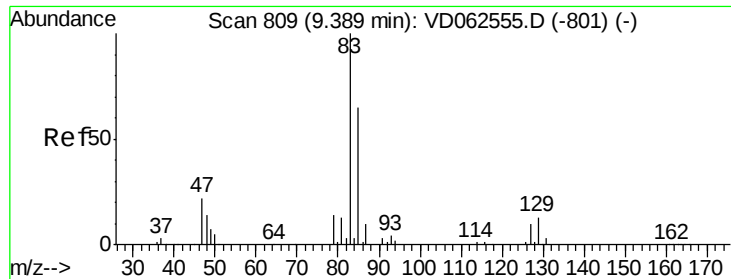
Ion Ratio Lower Upper

93 100

95 81.6 66.1 99.1

174 99.4 84.2 126.4





#47

Bromodichloromethane

Concen: 65.162 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

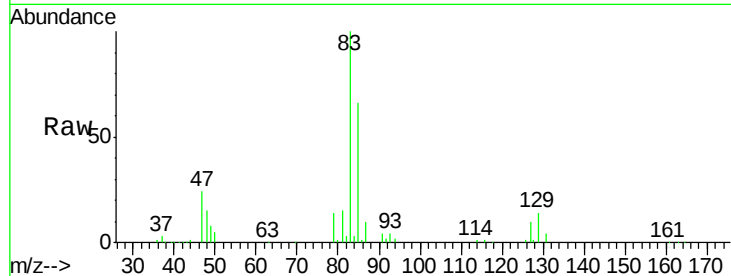
Tot Ion: 83 Resp: 608264

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.8

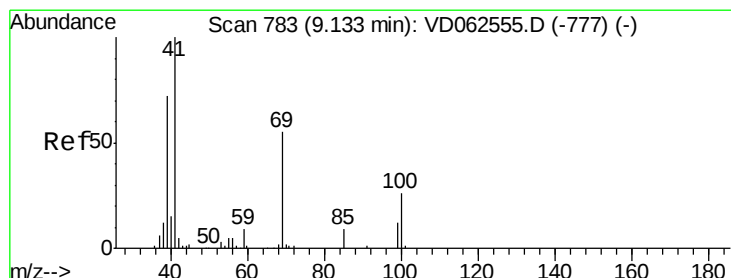
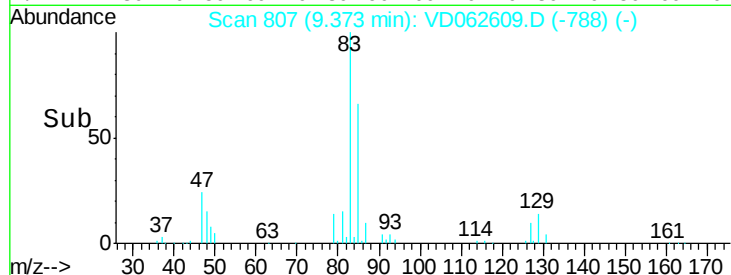
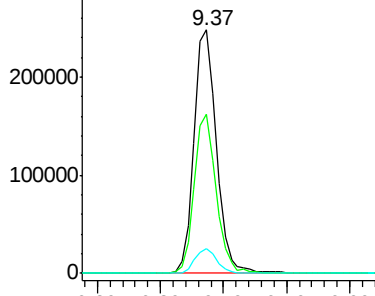
127 10.4 7.8 11.6



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: 67.498 ug/l

RT: 9.12 min Scan# 781

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

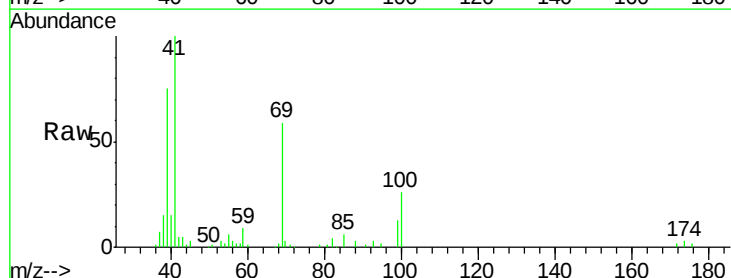
Tgt Ion: 41 Resp: 197729

Ion Ratio Lower Upper

41 100

69 59.4 43.6 65.4

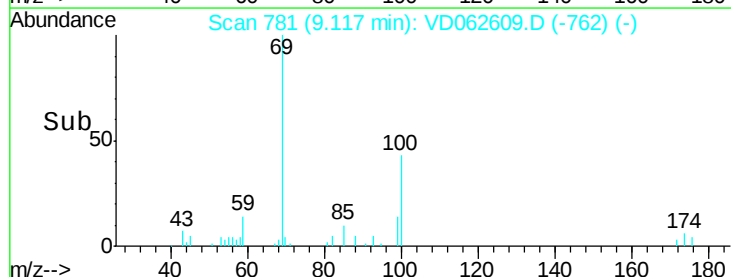
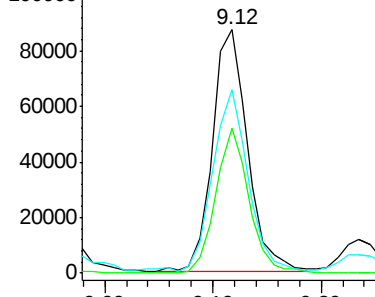
39 75.3 58.1 87.1

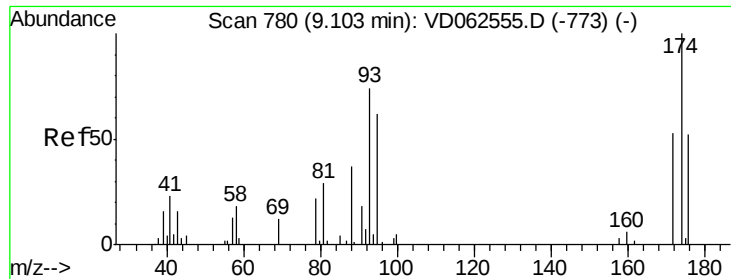


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

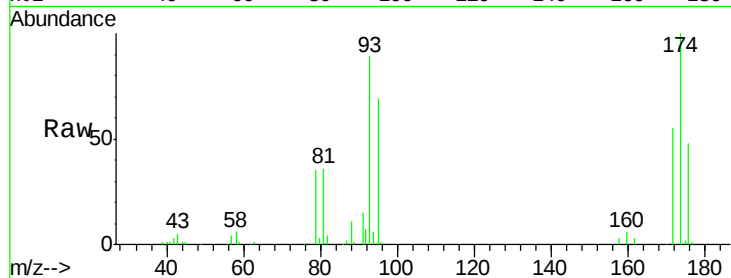




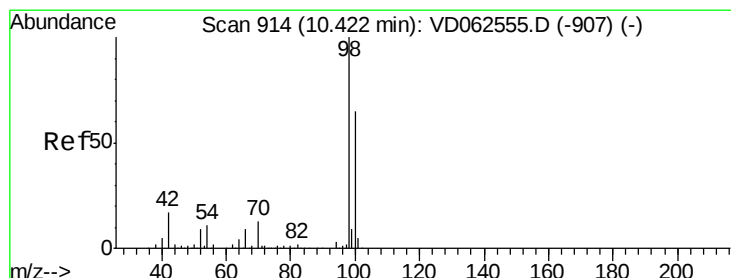
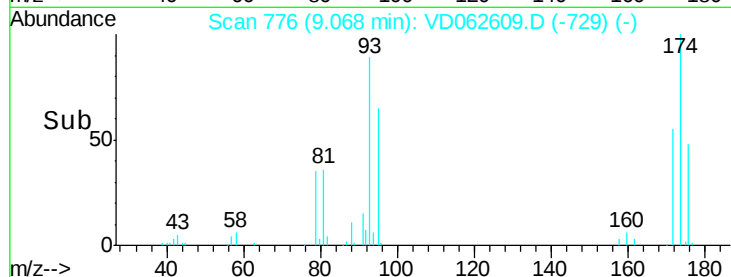
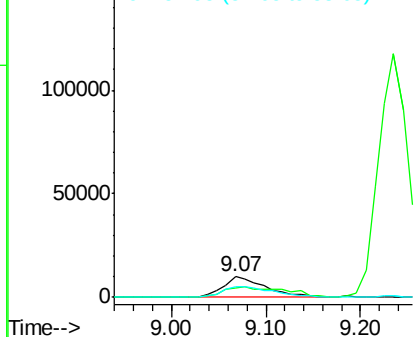
#49
 1,4-Dioxane
 Concen: 1289.100 ug/l
 RT: 9.07 min Scan# 776
 Delta R.T. -0.04 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 30673
 Ion Ratio Lower Upper
 88 100
 43 47.9 37.1 55.7
 58 53.3 39.3 58.9

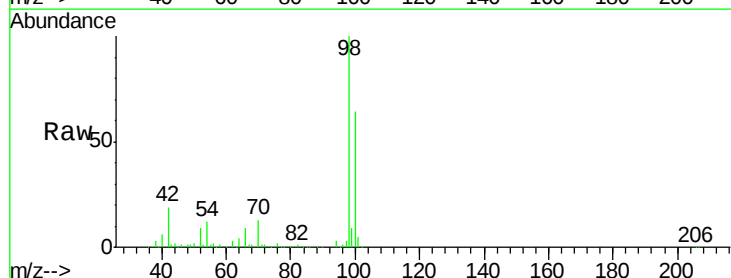


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

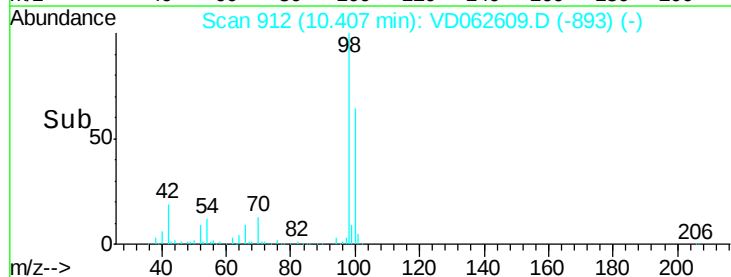
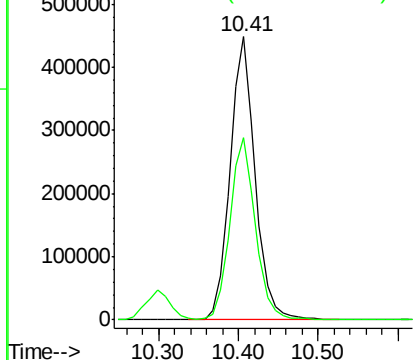


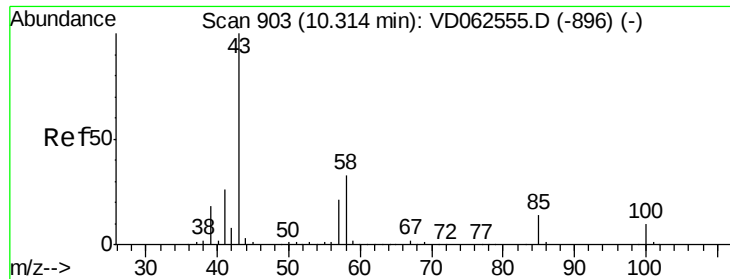
#50
 Toluene-d8
 Concen: 58.543 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

Tgt Ion: 98 Resp: 984237
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.3 78.5



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: 322.348 ug/l

RT: 10.30 min Scan# 901

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

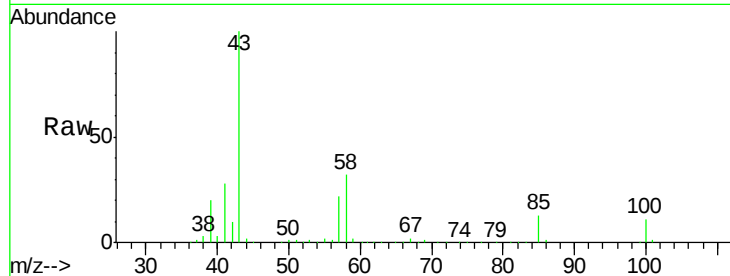
VSTDCCC050EC

Tot Ion: 43 Resp: 989140

Ion Ratio Lower Upper

43 100

58 32.4 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.30

400000

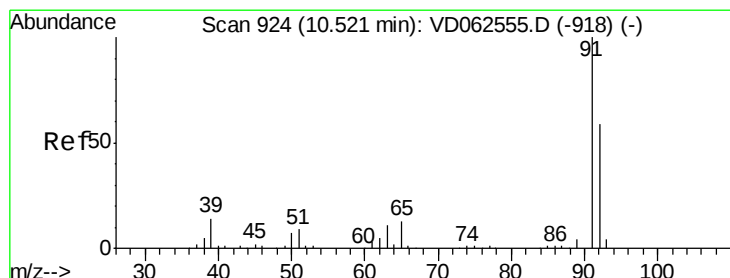
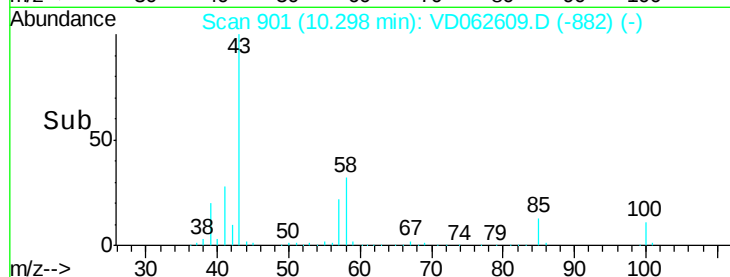
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 58.983 ug/l

RT: 10.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: VD062609.D

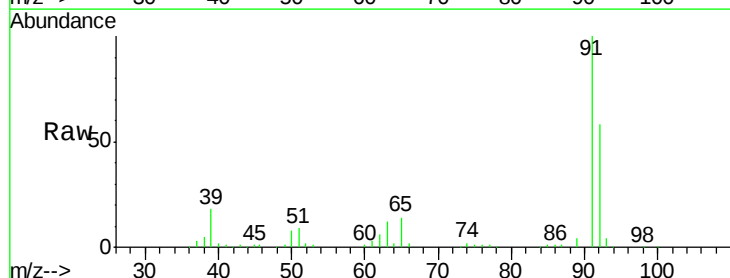
Acq: 4 Jun 2019 20:15

Tgt Ion: 92 Resp: 661818

Ion Ratio Lower Upper

92 100

91 171.7 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.51

600000

500000

400000

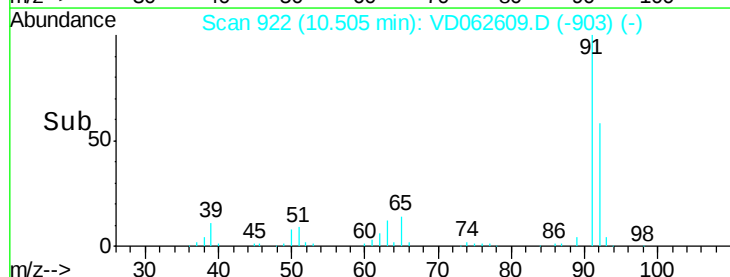
300000

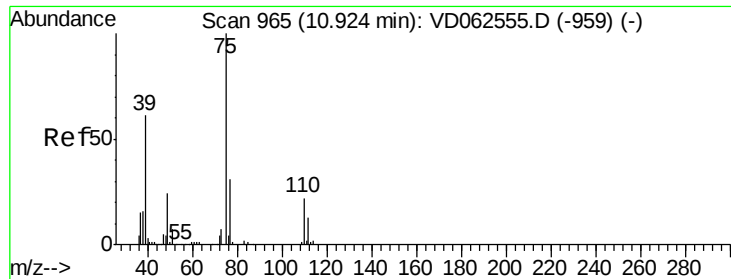
200000

100000

0

Time-->

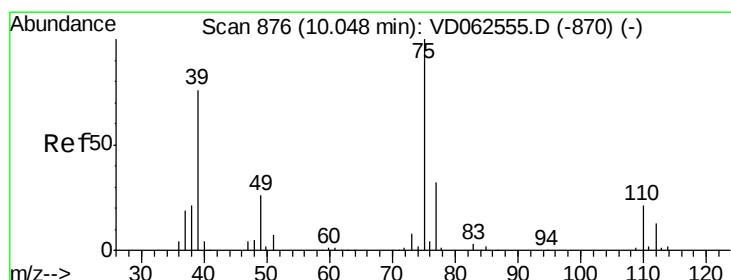
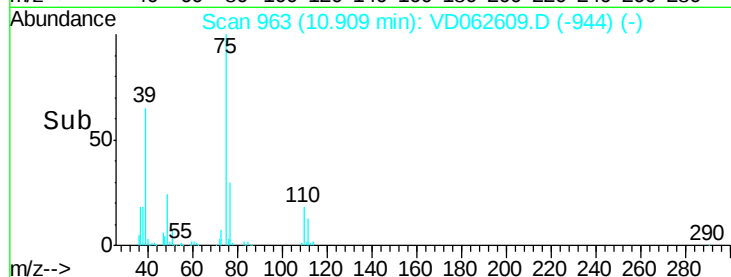
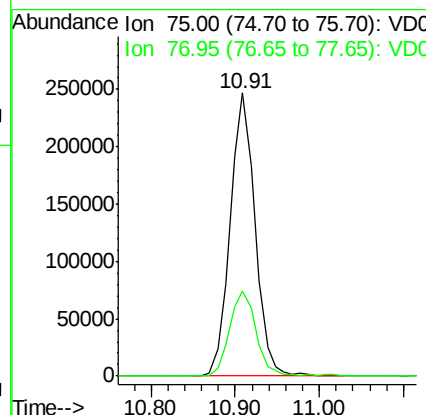
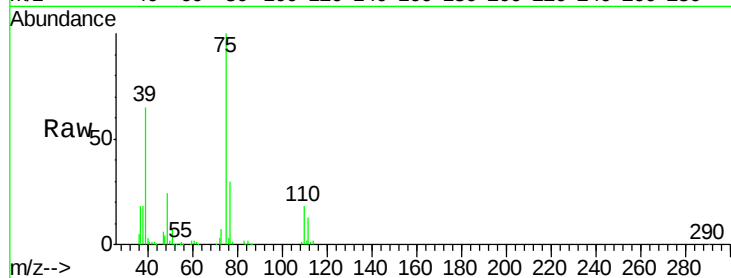




#53
 t-1,3-Dichloropropene
 Concen: 64.182 ug/l
 RT: 10.91 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

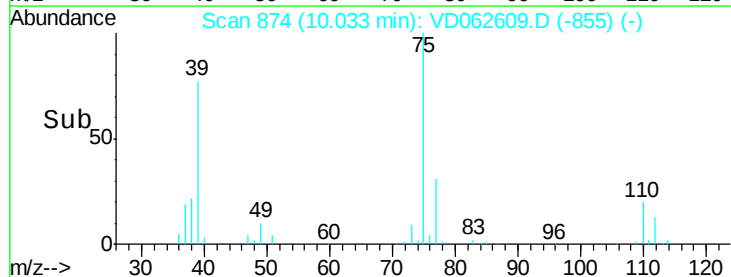
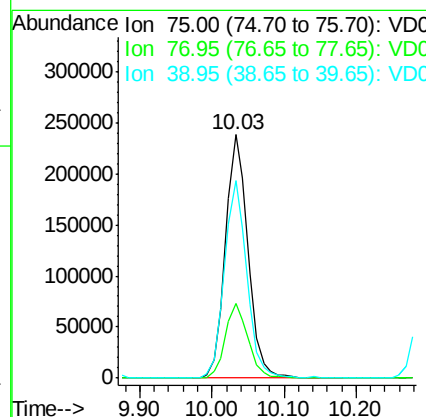
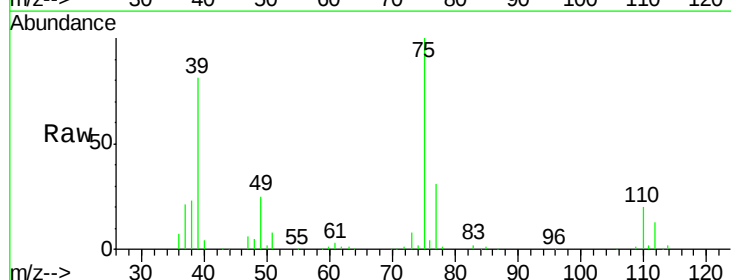
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

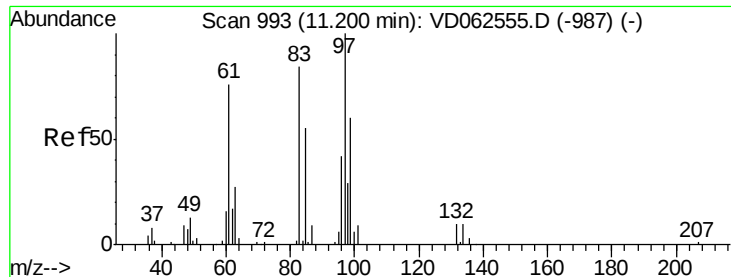
Tot Ion: 75 Resp: 506190
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 62.606 ug/l
 RT: 10.03 min Scan# 874
 Delta R.T. -0.02 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

Tgt Ion: 75 Resp: 513342
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5
 39 80.9 61.0 91.6





#55

1,1,2-Trichloroethane

Concen: 62.134 ug/l

RT: 11.18 min Scan# 991

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 228915

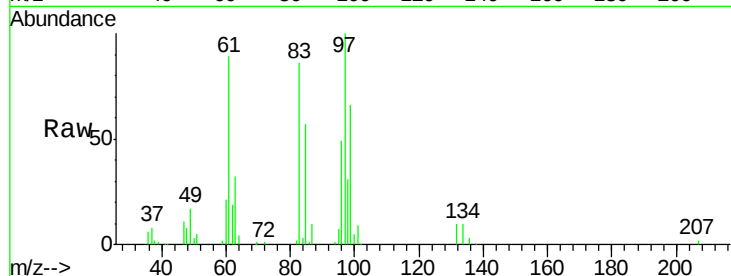
Ion Ratio Lower Upper

97 100

83 85.7 67.3 100.9

85 56.6 43.8 65.8

99 66.4 48.2 72.2

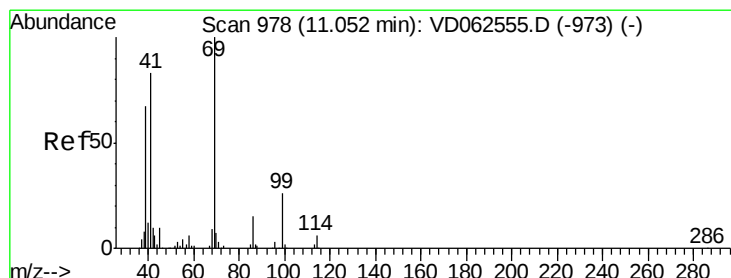
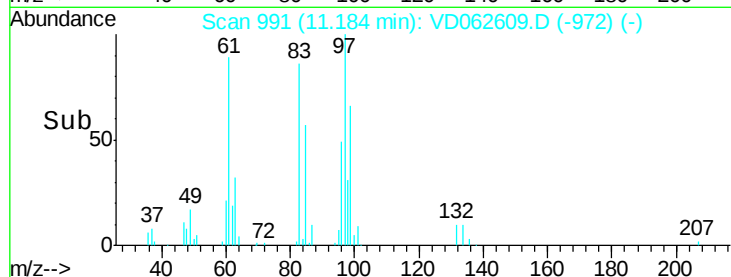
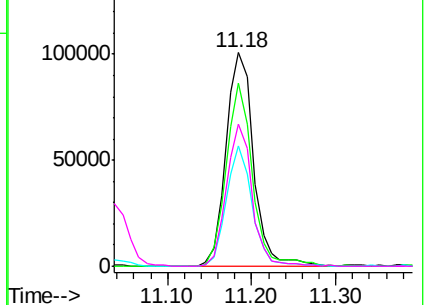


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 65.394 ug/l

RT: 11.04 min Scan# 976

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

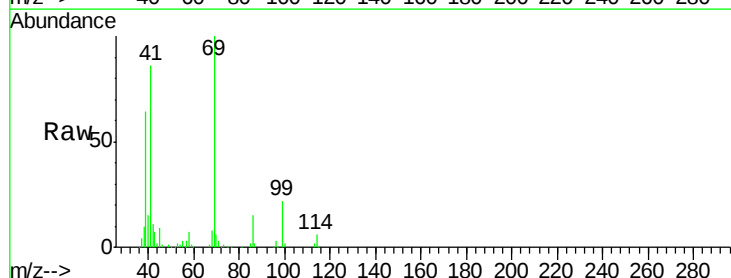
Tgt Ion: 69 Resp: 256792

Ion Ratio Lower Upper

69 100

41 85.9 66.1 99.1

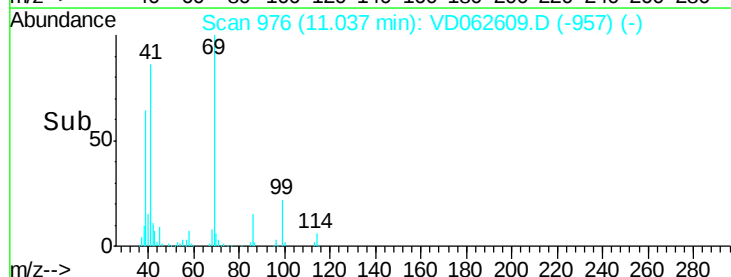
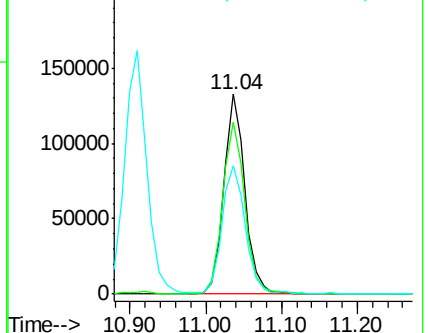
39 64.2 54.2 81.2

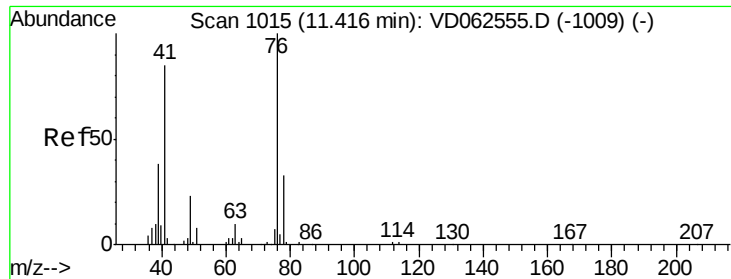


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

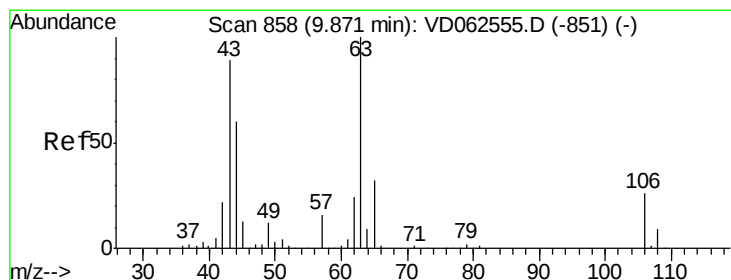
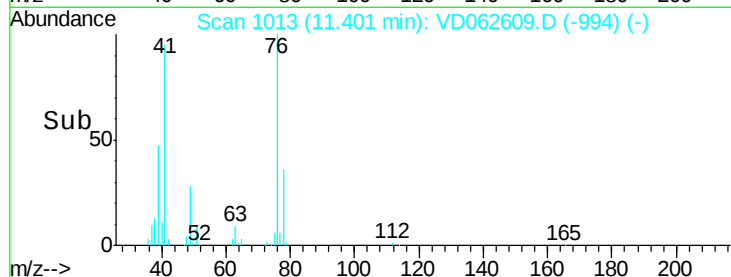
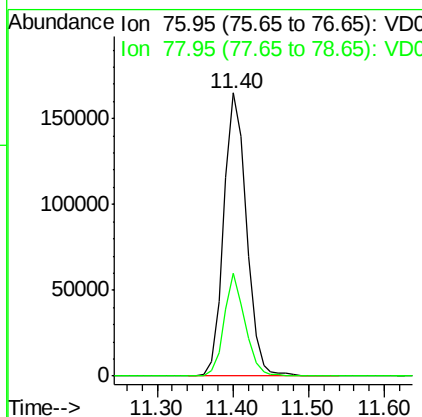
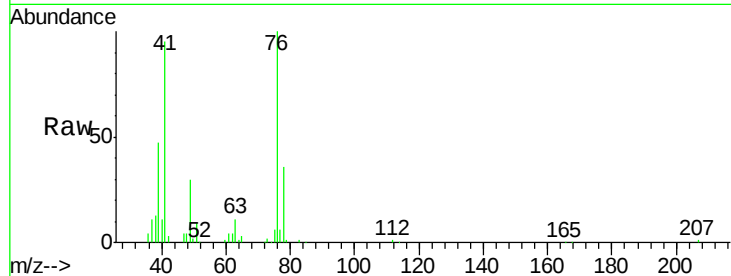




#57
 1,3-Dichloropropane
 Concen: 60.646 ug/l
 RT: 11.40 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

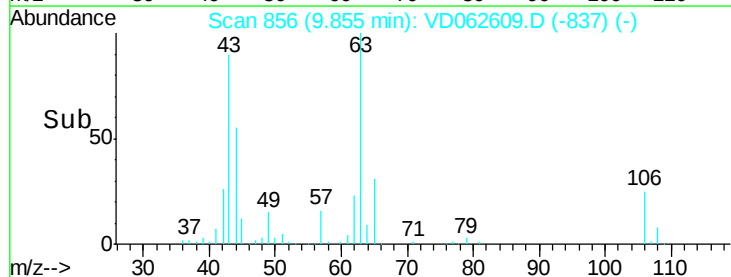
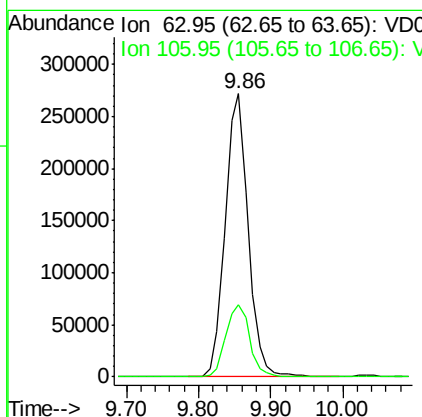
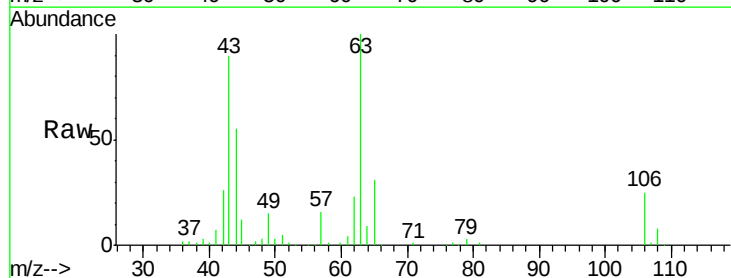
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

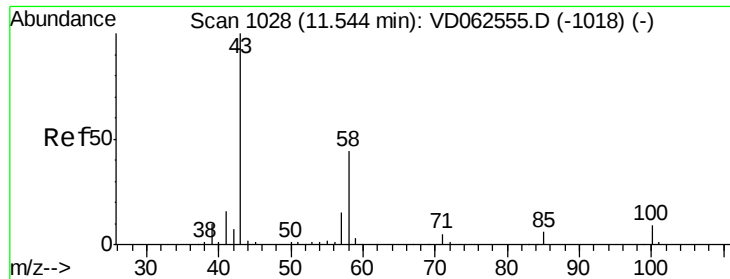
Tot Ion: 76 Resp: 344438
 Ion Ratio Lower Upper
 76 100
 78 36.4 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 297.702 ug/l
 RT: 9.86 min Scan# 856
 Delta R.T. -0.02 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

Tgt Ion: 63 Resp: 599555
 Ion Ratio Lower Upper
 63 100
 106 25.3 21.0 31.4

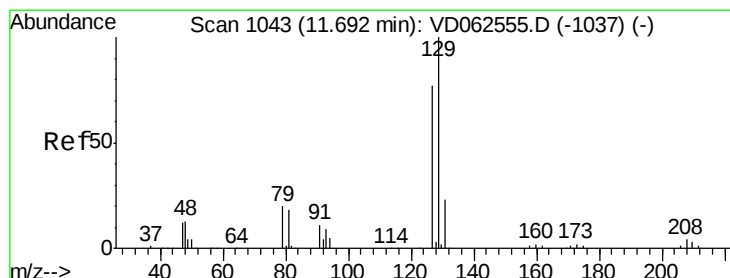
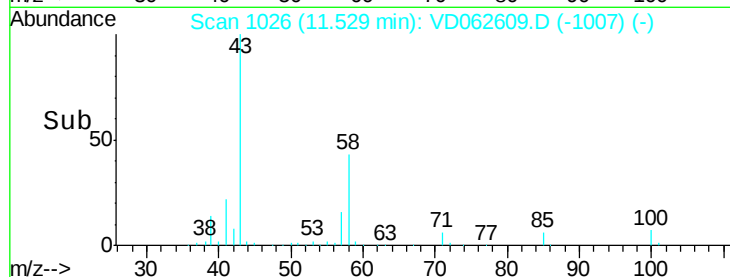
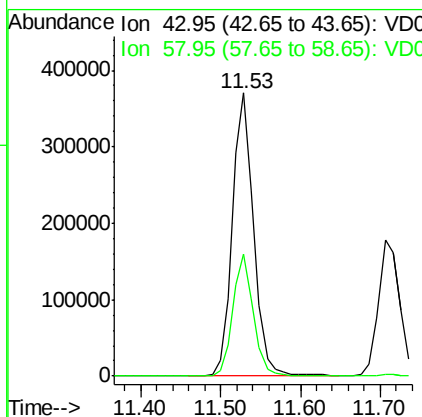
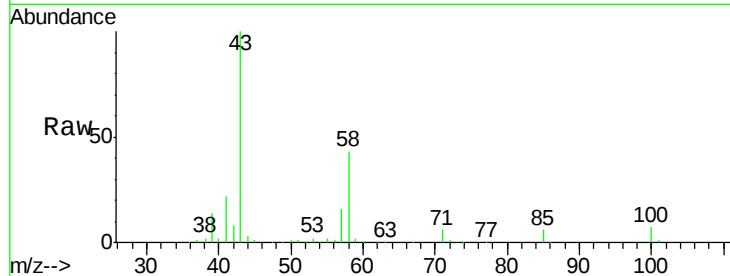




#59
2-Hexanone
Concen: 322.387 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

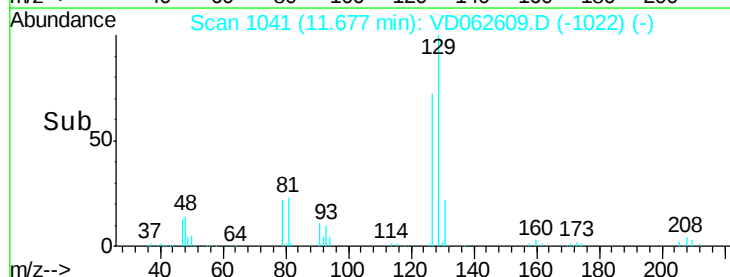
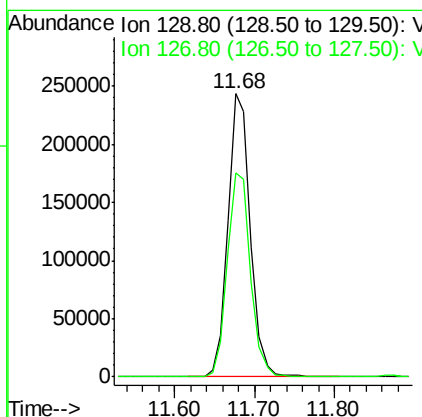
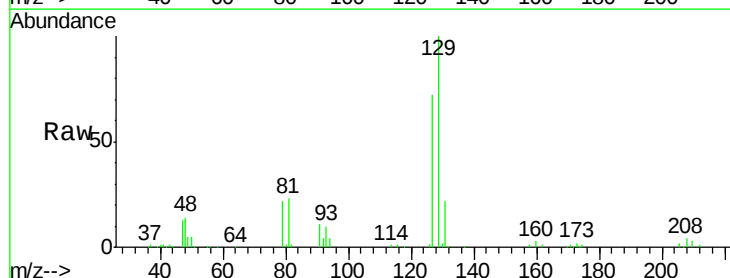
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

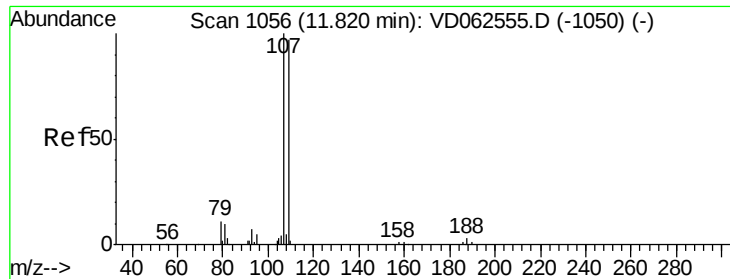
Tot Ion: 43 Resp: 693889
Ion Ratio Lower Upper
43 100
58 43.3 22.0 66.0



#60
Dibromochloromethane
Concen: 67.065 ug/l
RT: 11.68 min Scan# 1041
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 129 Resp: 480162
Ion Ratio Lower Upper
129 100
127 71.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 65.528 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

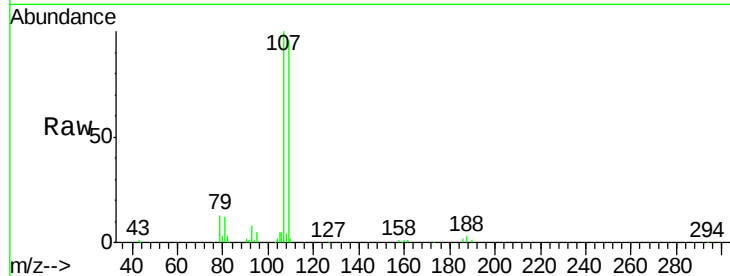
VSTDCCC050EC

Tot Ion:107 Resp: 290418

Ion Ratio Lower Upper

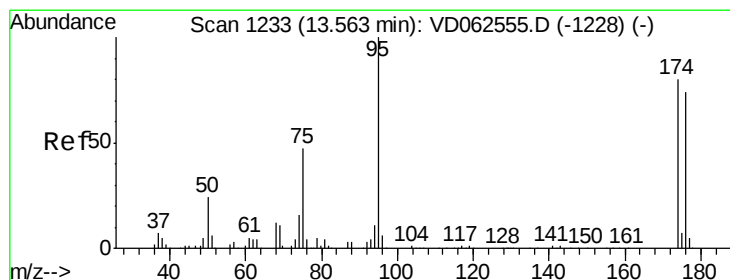
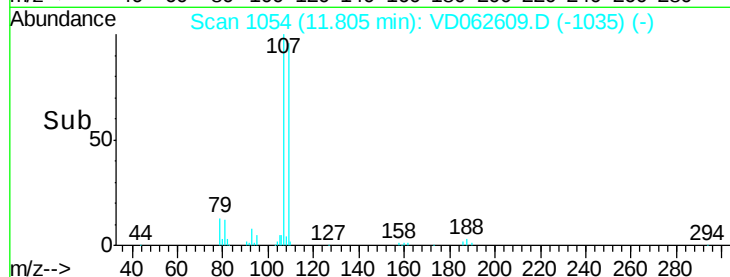
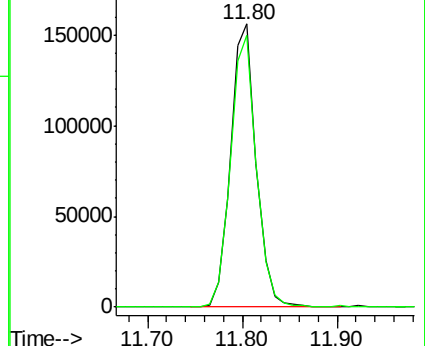
107 100

109 96.1 77.3 115.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 64.703 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

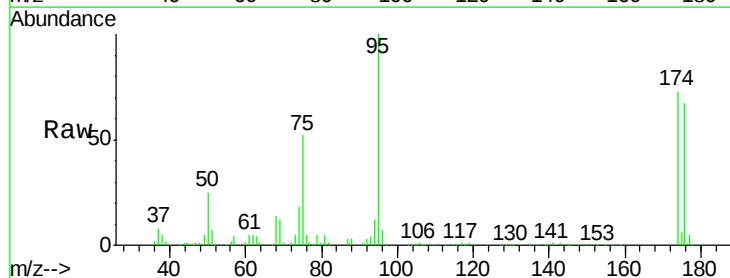
Tgt Ion: 95 Resp: 490565

Ion Ratio Lower Upper

95 100

174 73.2 0.0 160.2

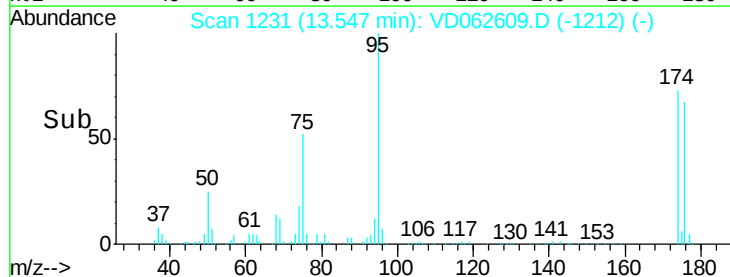
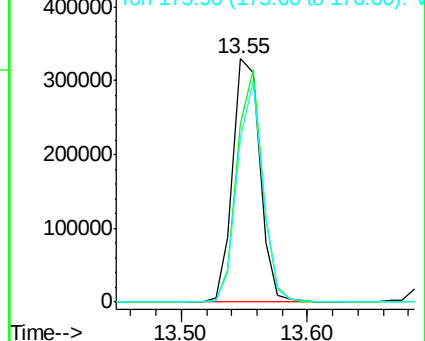
176 67.5 0.0 148.0

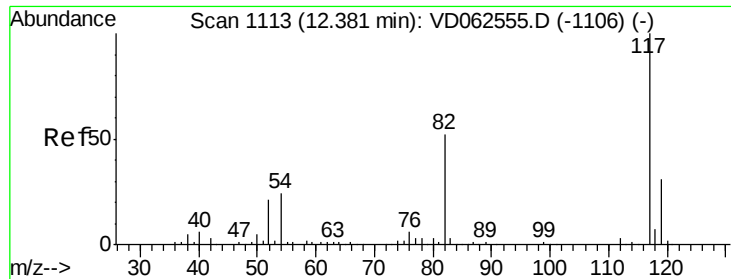


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

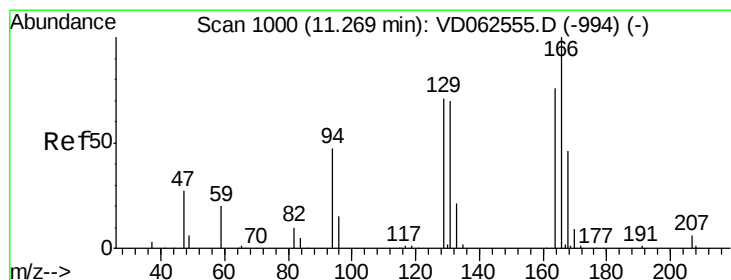
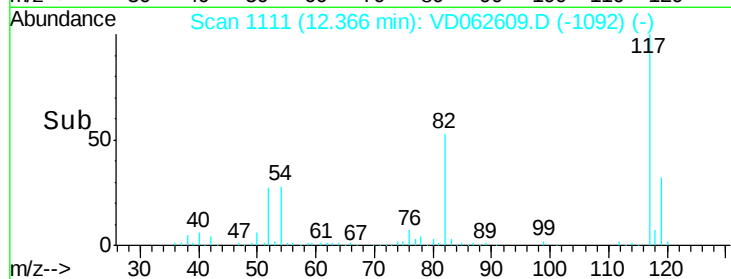
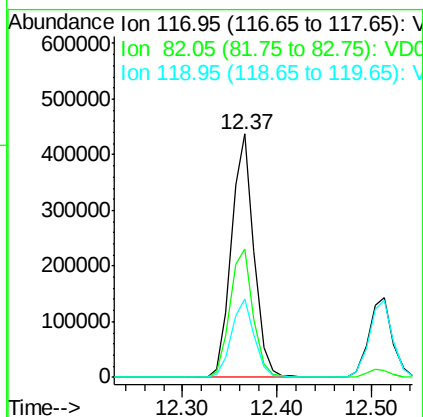
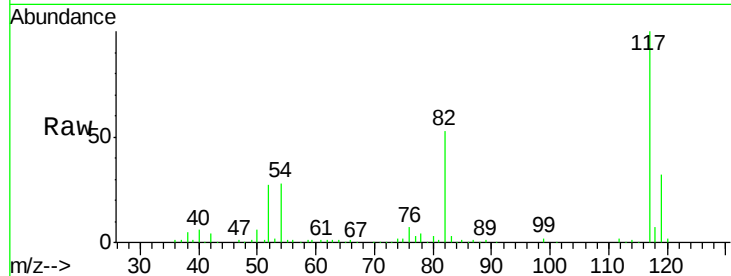




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

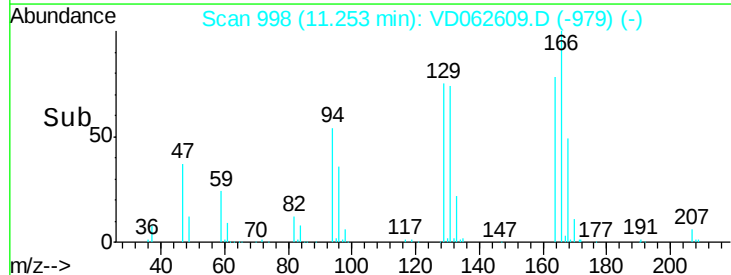
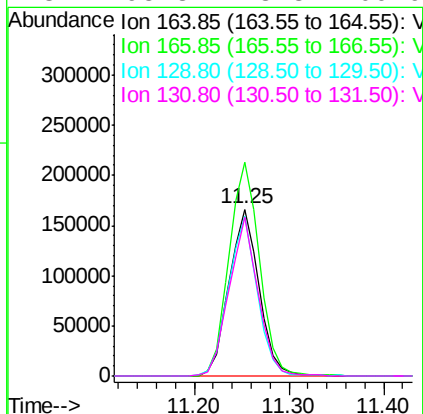
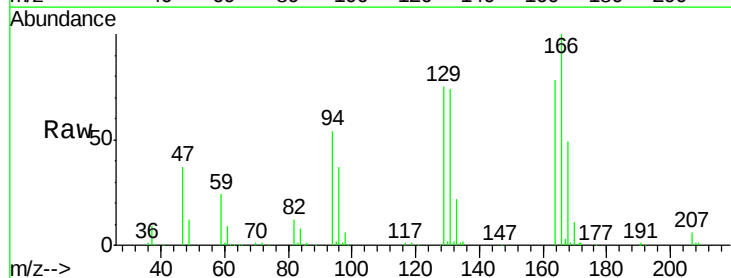
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

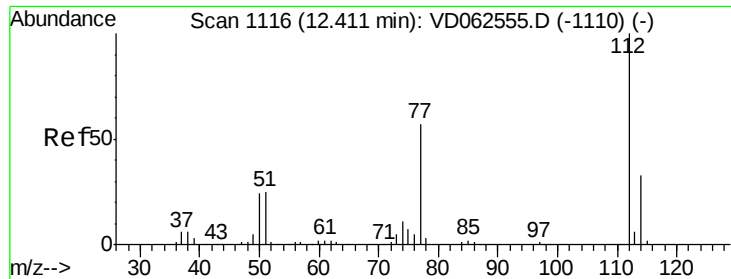
Tot Ion:117 Resp: 718463
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.2
119 32.4 24.9 37.3



#64
Tetrachloroethene
Concen: 57.279 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion:164 Resp: 363788
Ion Ratio Lower Upper
164 100
166 128.0 105.3 157.9
129 95.9 75.3 112.9
131 95.3 73.3 109.9

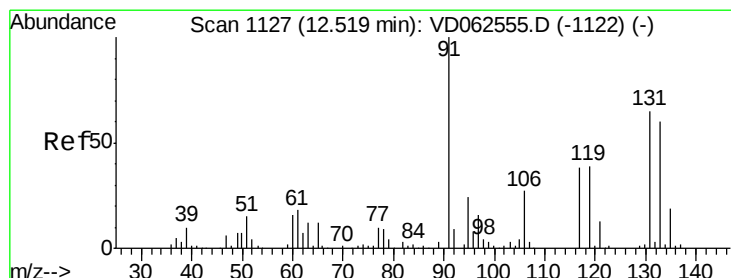
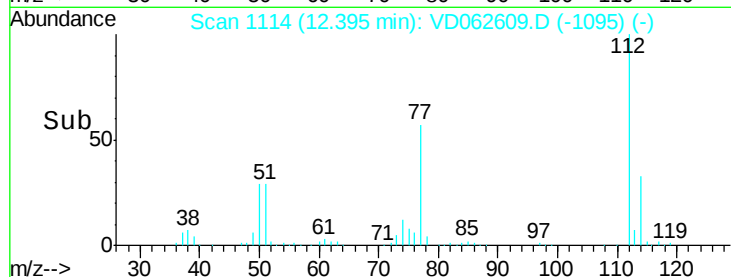
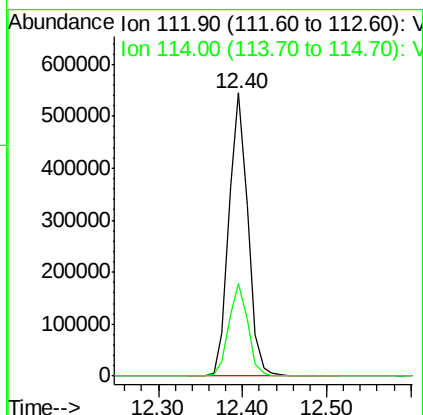
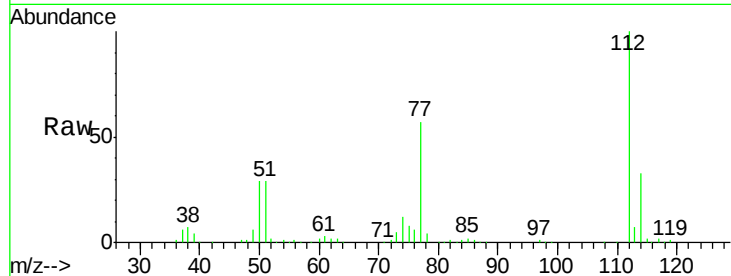




#65
Chlorobenzene
Concen: 60.859 ug/l
RT: 12.40 min Scan# 1114
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

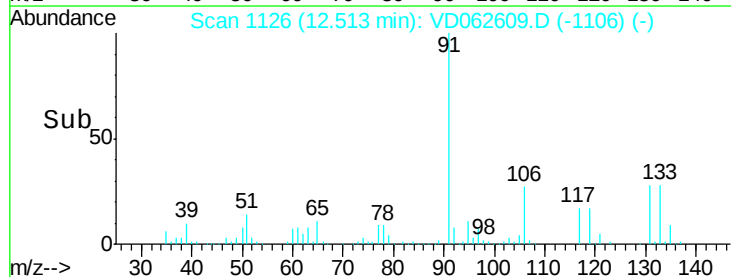
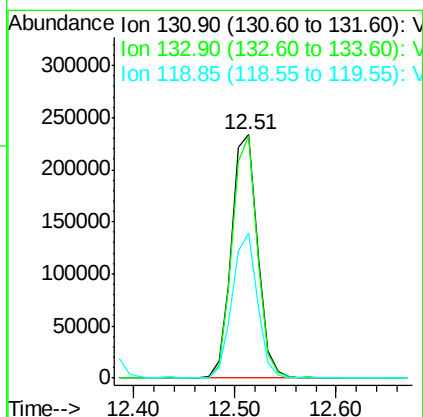
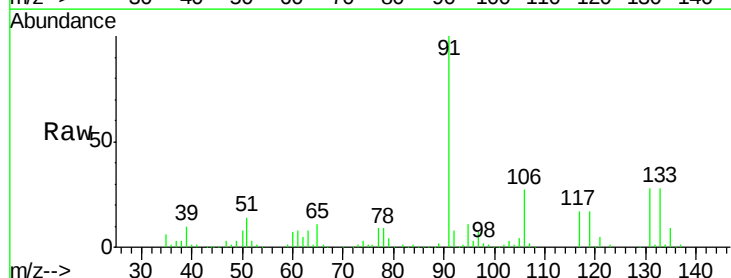
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

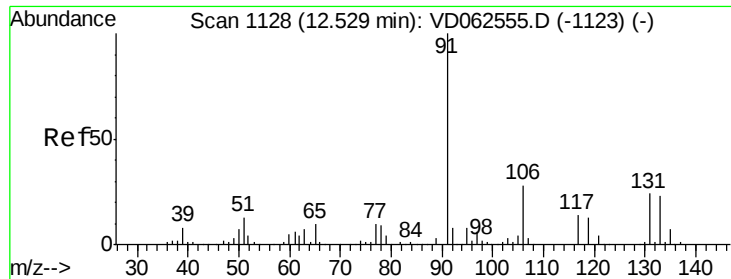
Tot Ion:112 Resp: 851815
Ion Ratio Lower Upper
112 100
114 32.6 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 63.211 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion:131 Resp: 418411
Ion Ratio Lower Upper
131 100
133 99.3 46.2 138.6
119 59.5 29.5 88.6

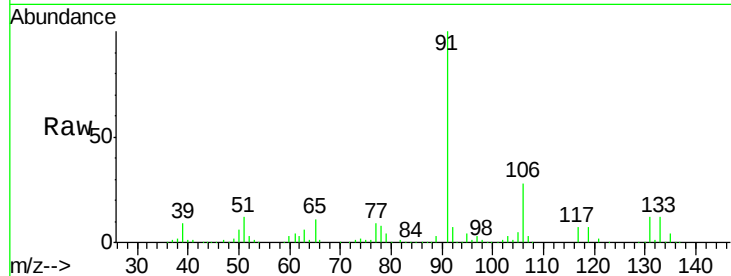




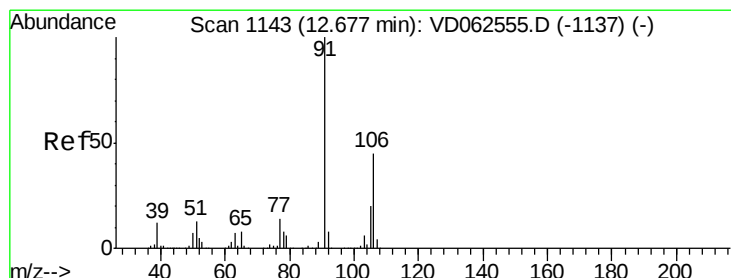
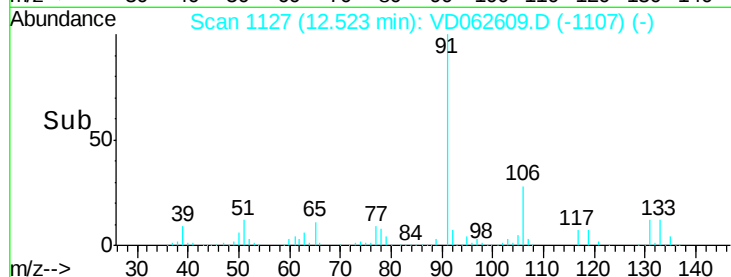
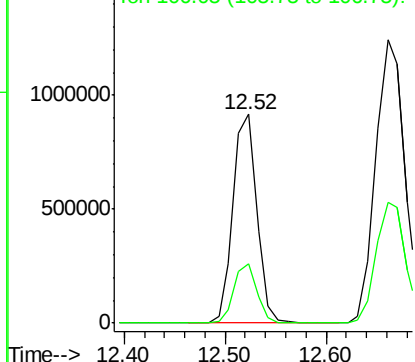
#67
Ethyl Benzene
Concen: 58.847 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1509072
Ion Ratio Lower Upper
91 100
106 28.3 22.2 33.2

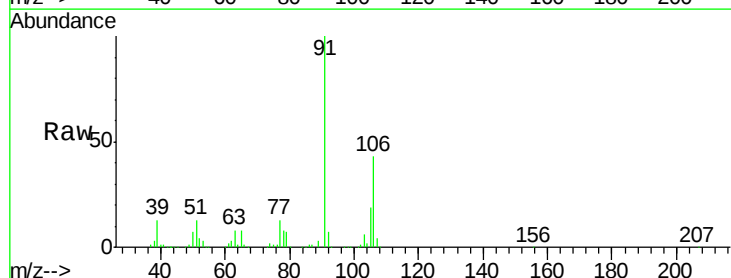


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

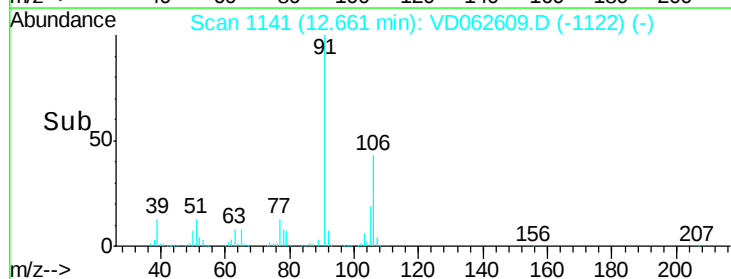
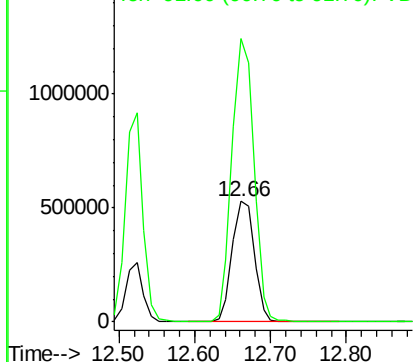


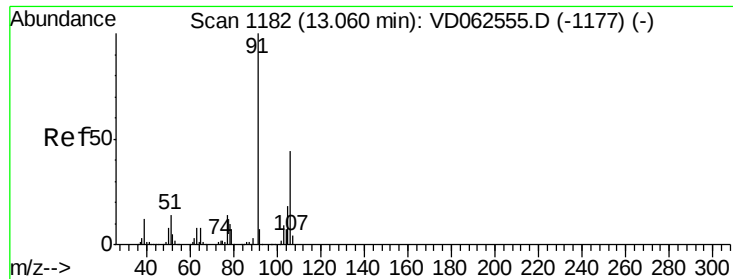
#68
m/p-Xylenes
Concen: 121.045 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 106 Resp: 1073781
Ion Ratio Lower Upper
106 100
91 234.4 178.9 268.3



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

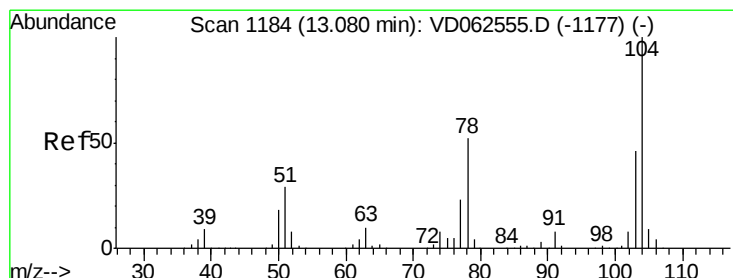
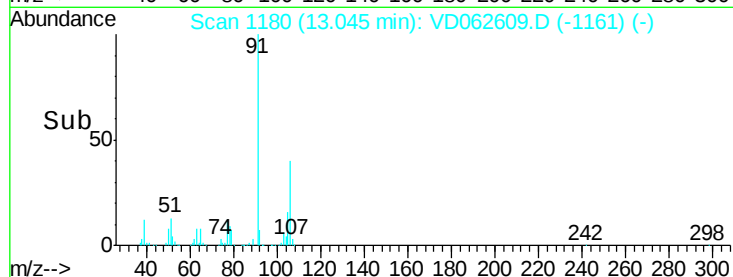
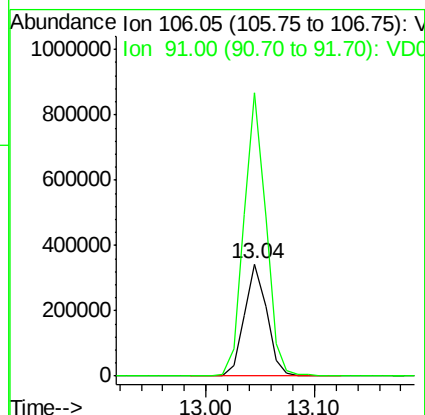
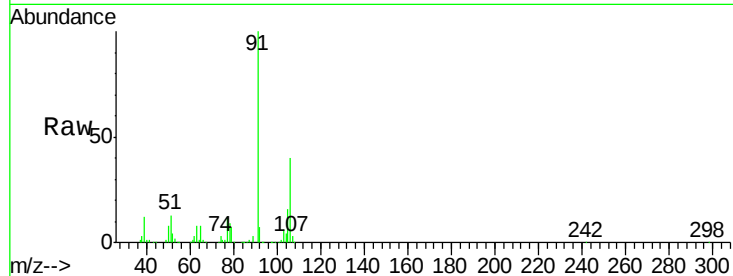




#69
o-Xylene
Concen: 58.597 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

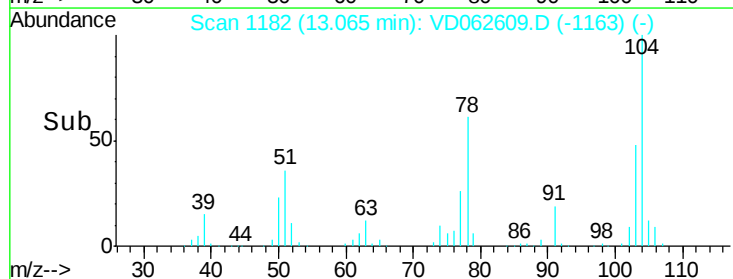
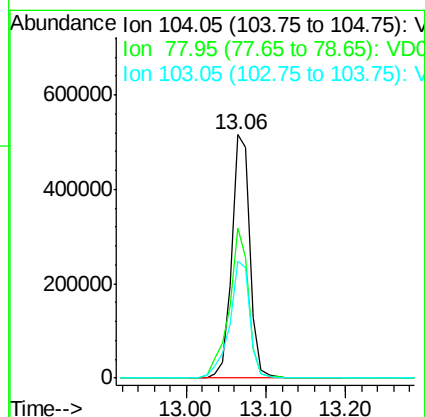
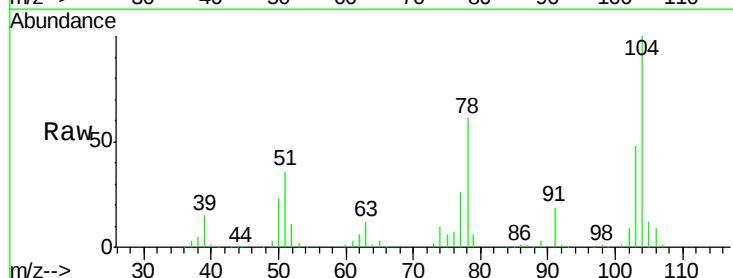
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

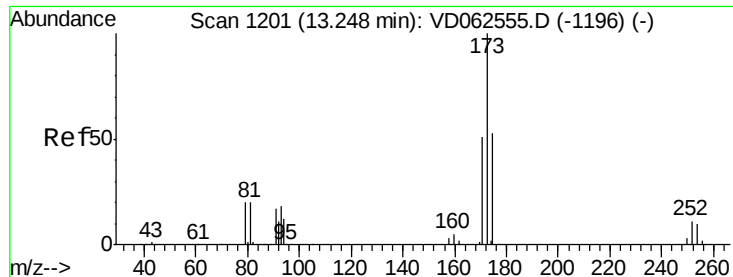
Tot Ion:106 Resp: 495869
Ion Ratio Lower Upper
106 100
91 253.1 113.9 341.8



#70
Styrene
Concen: 57.823 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion:104 Resp: 830825
Ion Ratio Lower Upper
104 100
78 61.5 41.5 62.3
103 47.8 36.6 55.0





#71

Bromoform

Concen: 64.546 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

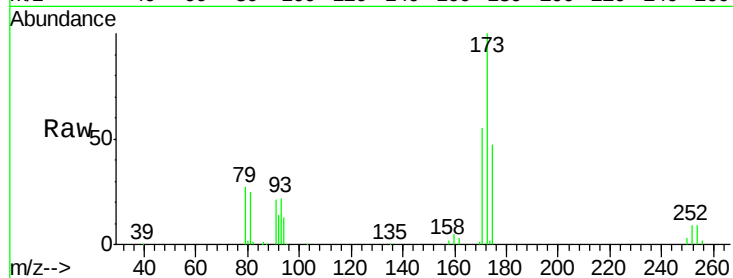
Tot Ion:173 Resp: 299923

Ion Ratio Lower Upper

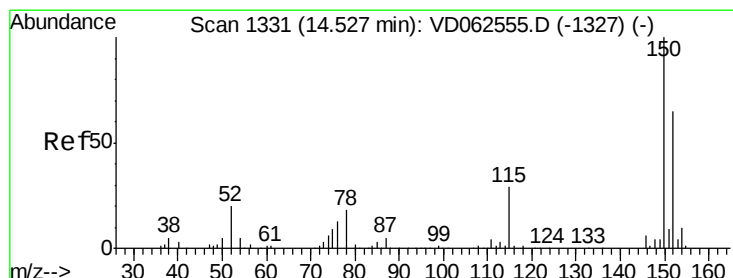
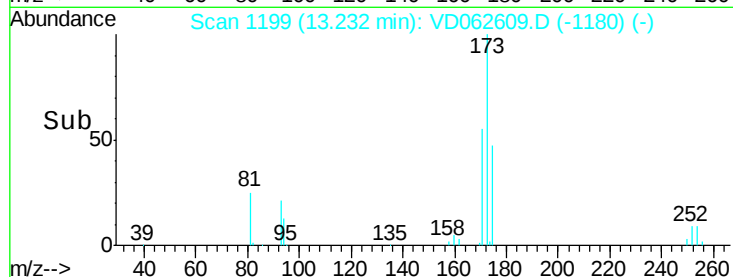
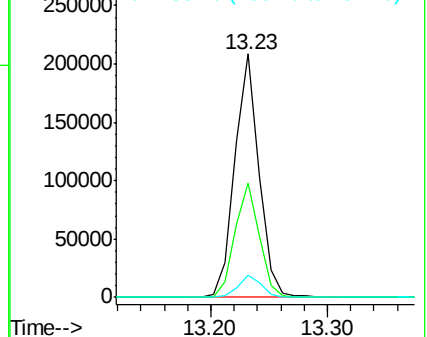
173 100

175 46.7 26.6 79.7

254 8.9 8.1 12.1



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: 14.51 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

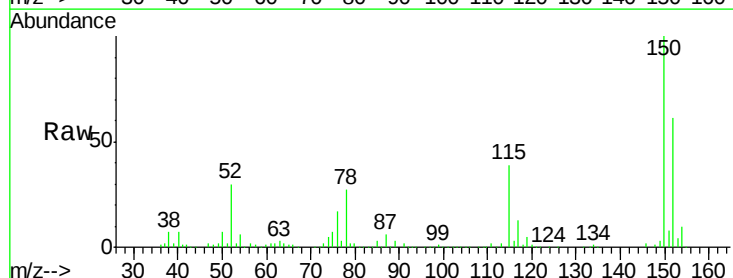
Tgt Ion:152 Resp: 402325

Ion Ratio Lower Upper

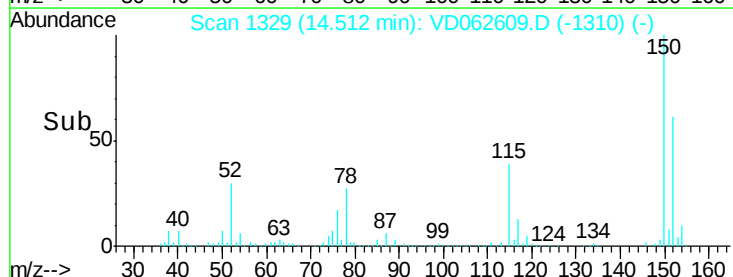
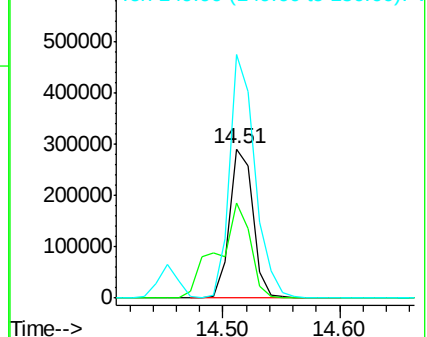
152 100

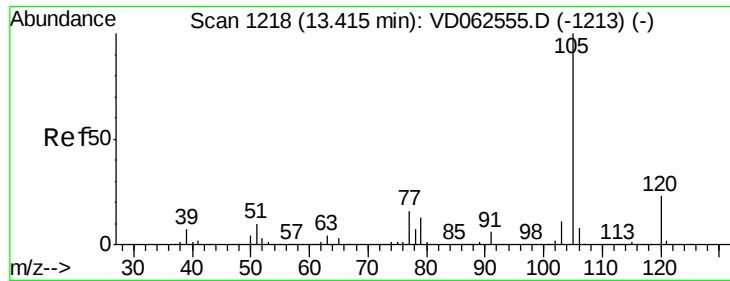
115 63.6 28.4 85.3

150 163.5 0.0 310.4



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: 58.916 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

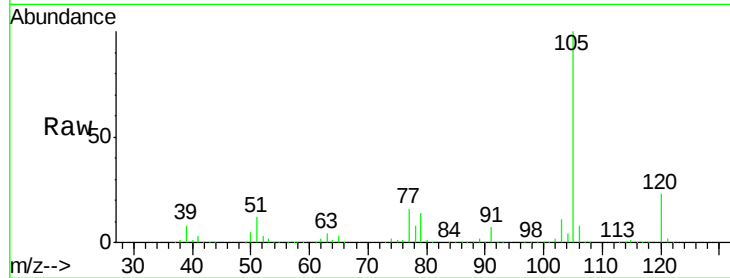
VSTDCCC050EC

Tot Ion:105 Resp: 1562662

Ion Ratio Lower Upper

105 100

120 23.2 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

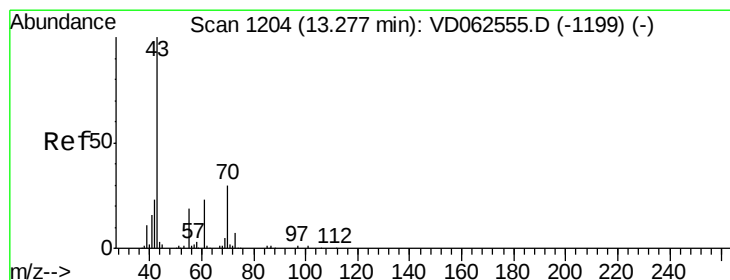
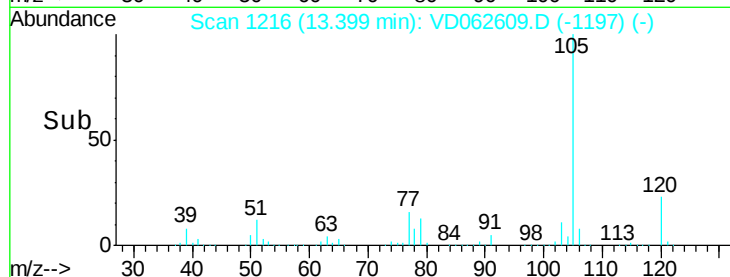
13.40

1000000

500000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 59.793 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Tgt Ion: 43 Resp: 404375

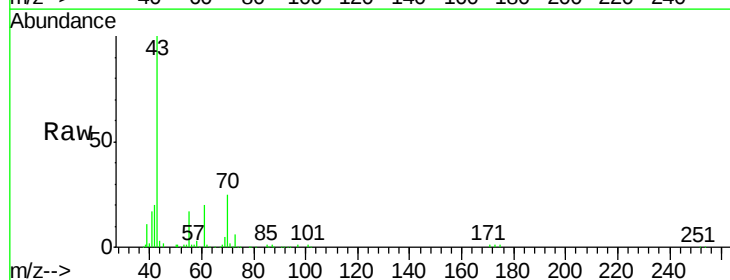
Ion Ratio Lower Upper

43 100

70 24.8 23.7 35.5

55 17.4 15.0 22.4

61 20.4 18.4 27.6



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

13.26

500000

400000

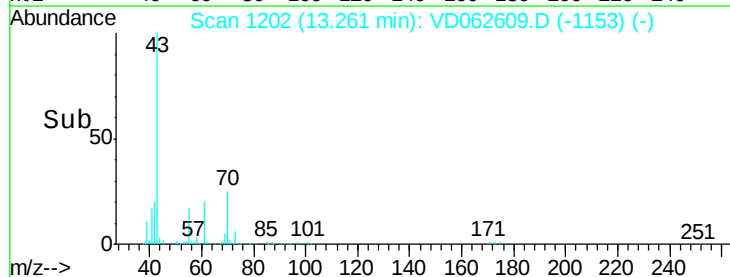
300000

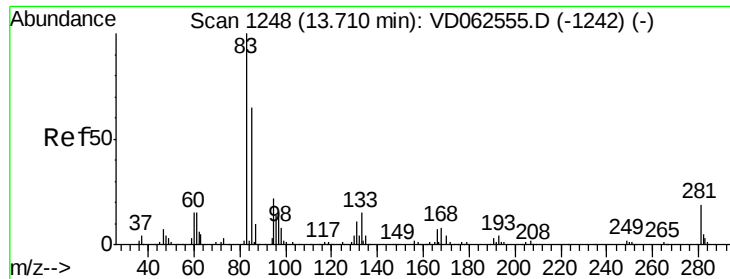
200000

100000

0

Time--> 13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 63.626 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

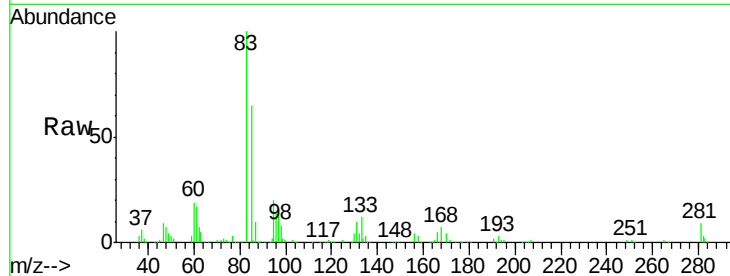
Tot Ion: 83 Resp: 267646

Ion Ratio Lower Upper

83 100

131 10.2 5.7 17.1

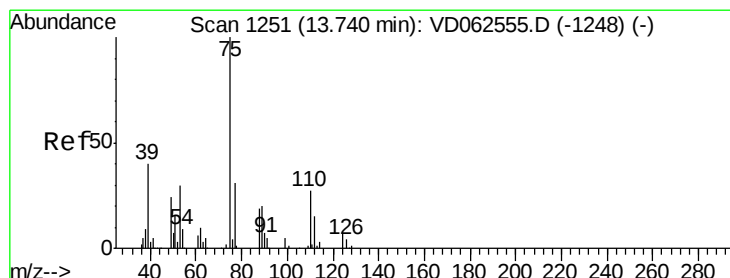
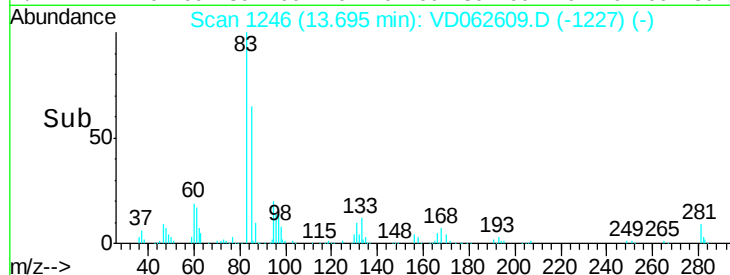
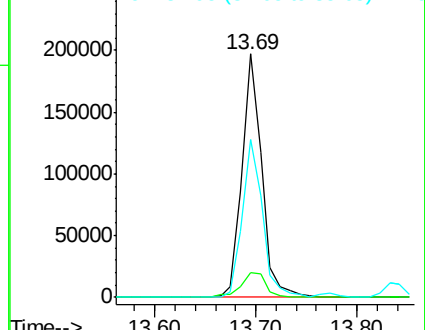
85 64.9 32.6 97.8



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: 63.307 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.02 min

Lab File: VD062609.D

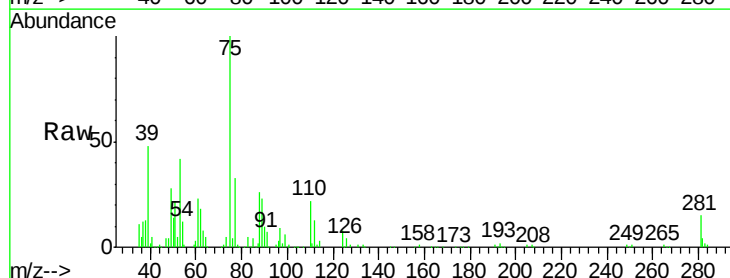
Acq: 4 Jun 2019 20:15

Tgt Ion: 75 Resp: 305567

Ion Ratio Lower Upper

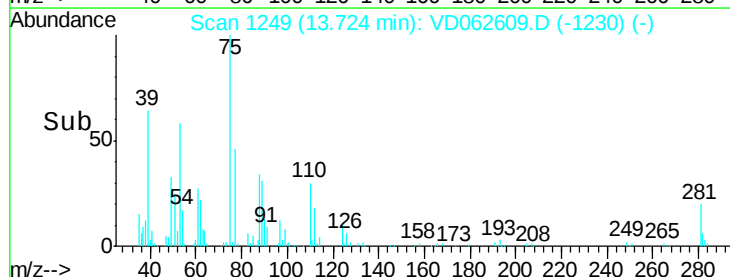
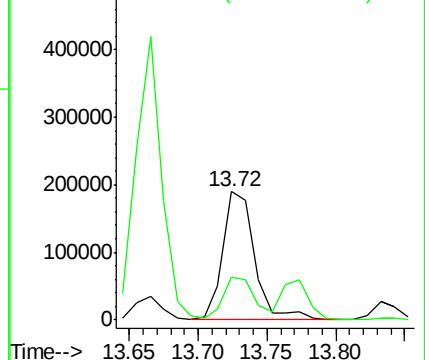
75 100

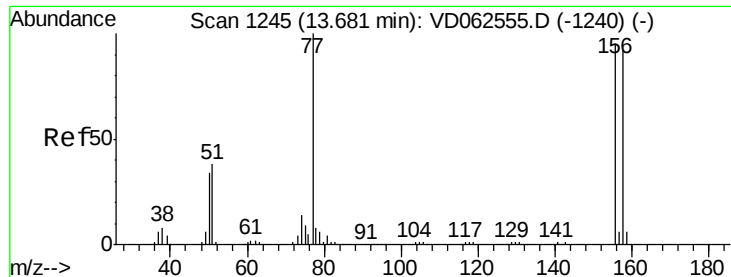
77 33.5 16.5 49.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 59.764 ug/l

RT: 13.67 min Scan# 1243

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

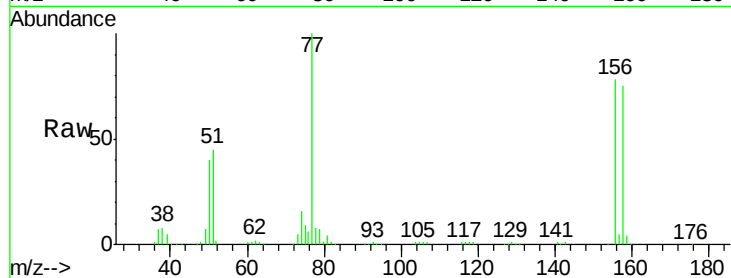
Tot Ion:156 Resp: 434619

Ion Ratio Lower Upper

156 100

77 127.5 52.9 158.7

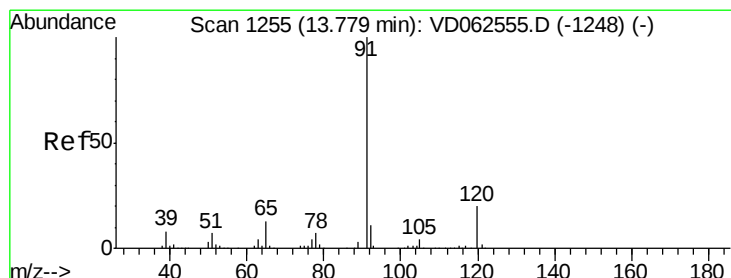
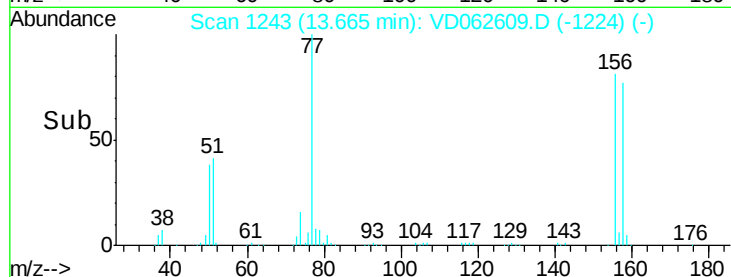
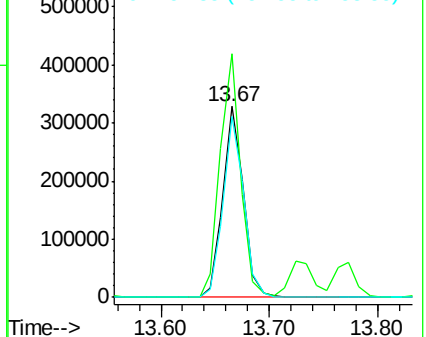
158 95.1 48.5 145.5



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: 61.626 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VD062609.D

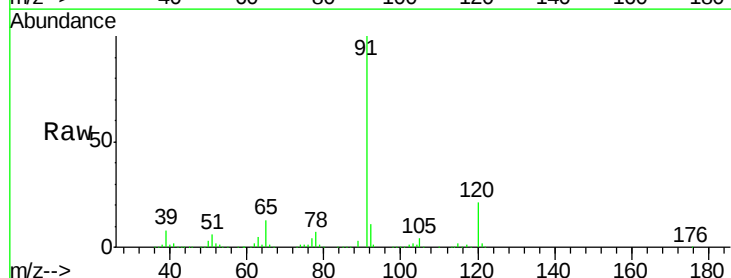
Acq: 4 Jun 2019 20:15

Tgt Ion: 91 Resp: 1884057

Ion Ratio Lower Upper

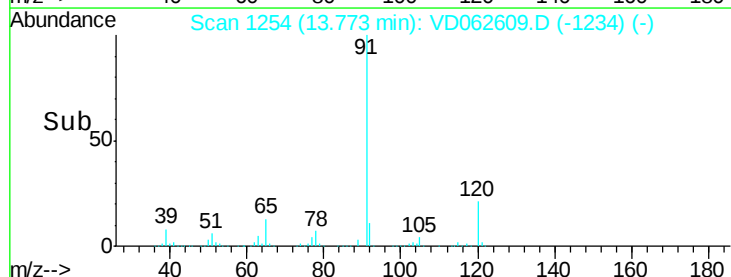
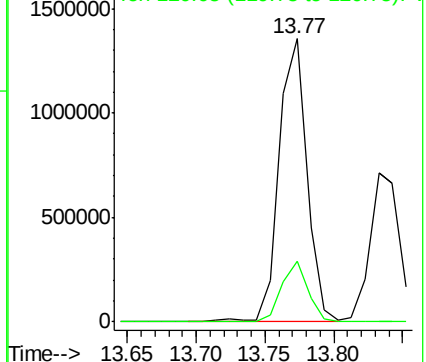
91 100

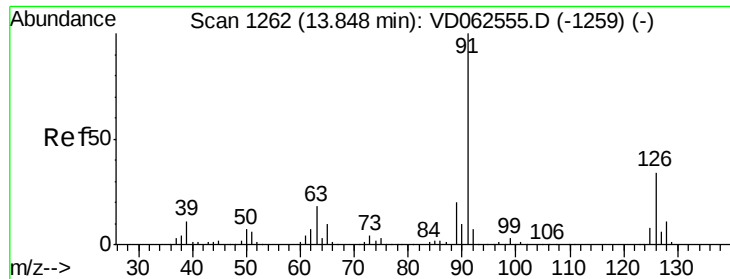
120 21.5 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

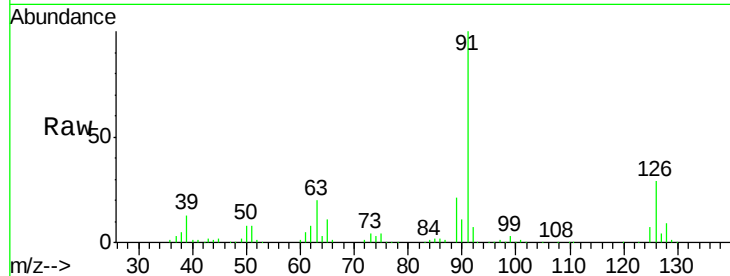




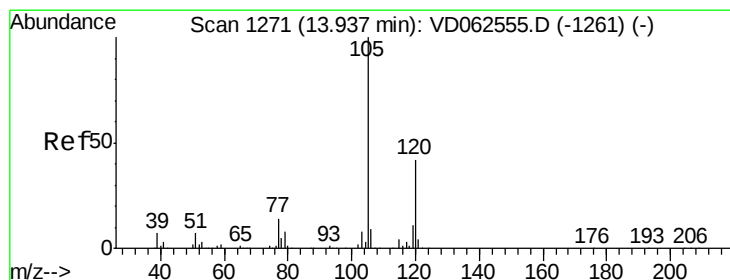
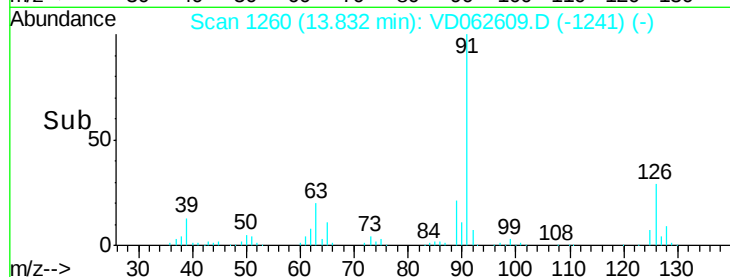
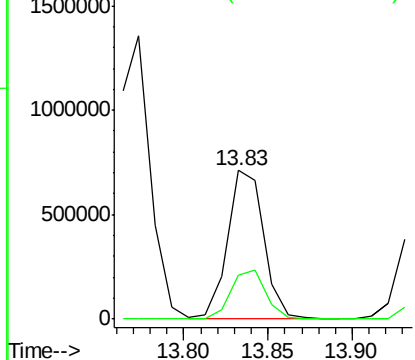
#79
2-Chlorotoluene
Concen: 59.631 ug/l
RT: 13.83 min Scan# 1260
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1057079
Ion Ratio Lower Upper
91 100
126 29.3 16.7 50.1

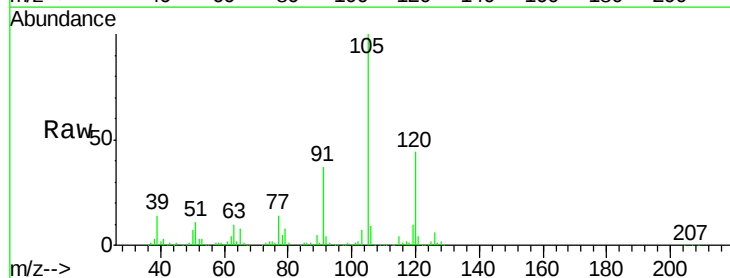


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

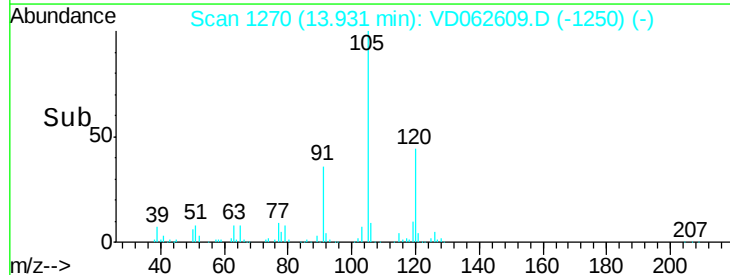
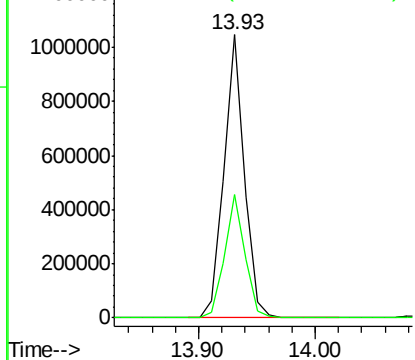


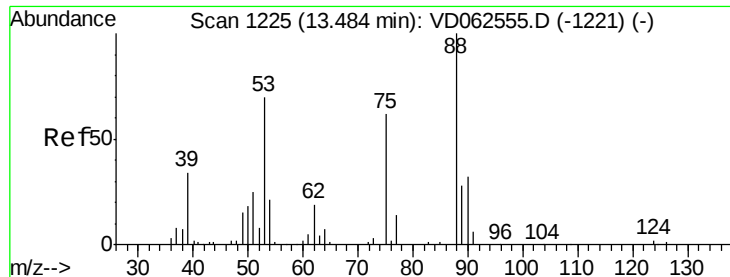
#80
1,3,5-Trimethylbenzene
Concen: 55.845 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion:105 Resp: 1265689
Ion Ratio Lower Upper
105 100
120 43.7 20.8 62.5



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: 53.919 ug/l

RT: 13.47 min Scan# 1223

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

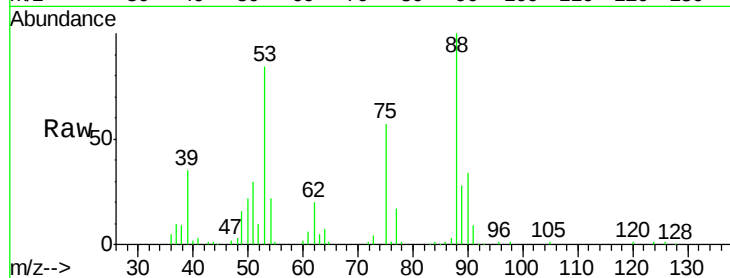
Tot Ion: 75 Resp: 74573

Ion Ratio Lower Upper

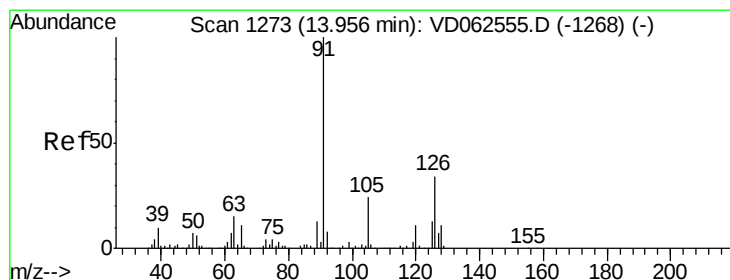
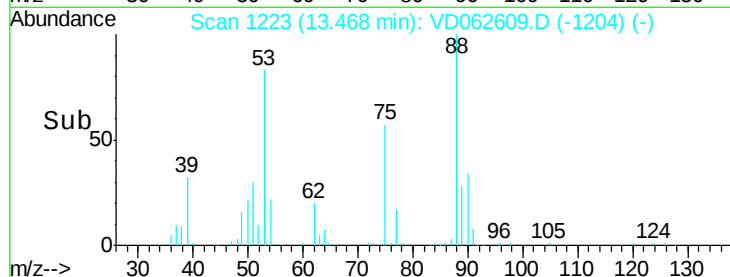
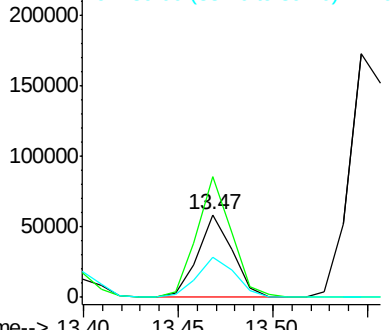
75 100

53 147.0 91.0 136.4#

89 49.1 36.9 55.3



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 58.439 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VD062609.D

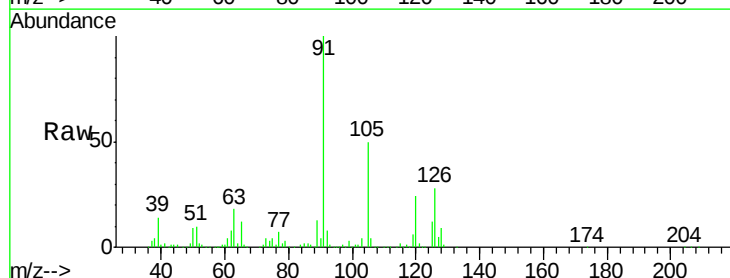
Acq: 4 Jun 2019 20:15

Tgt Ion: 91 Resp: 1240200

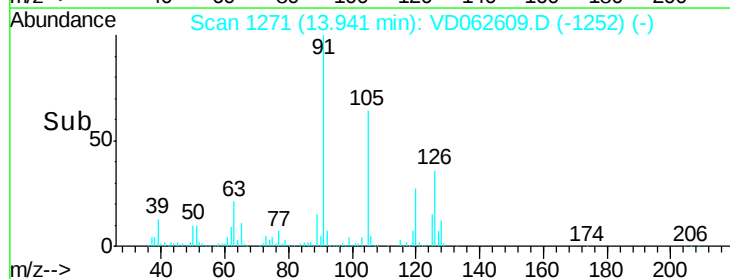
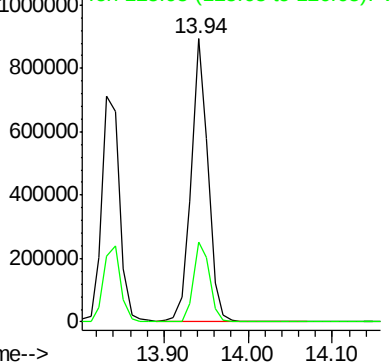
Ion Ratio Lower Upper

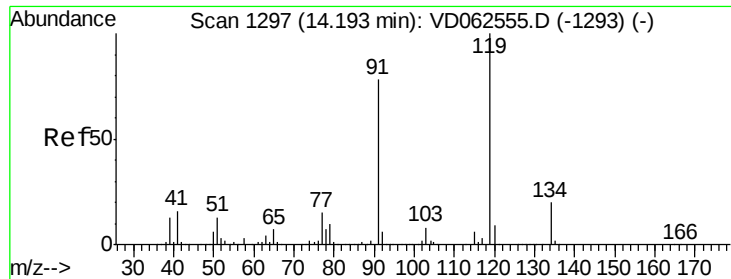
91 100

126 28.2 16.9 50.7



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

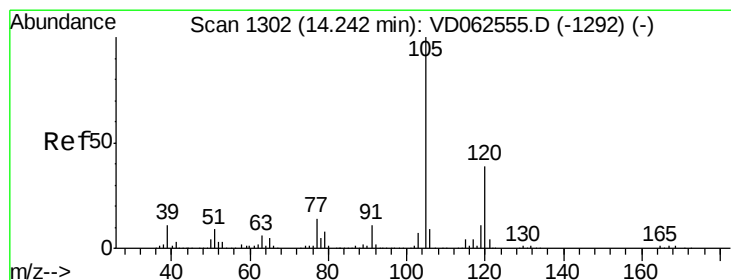
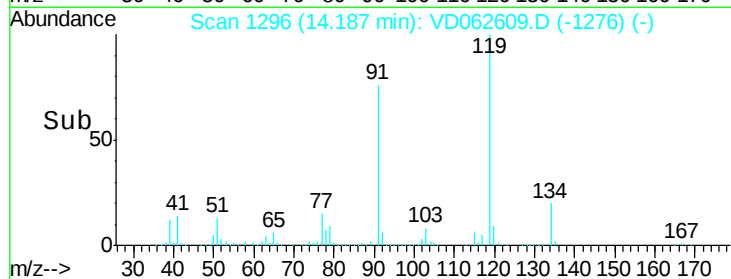
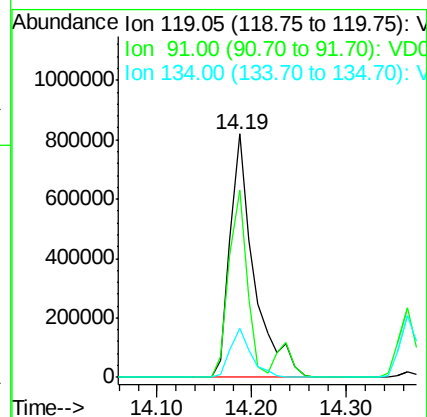
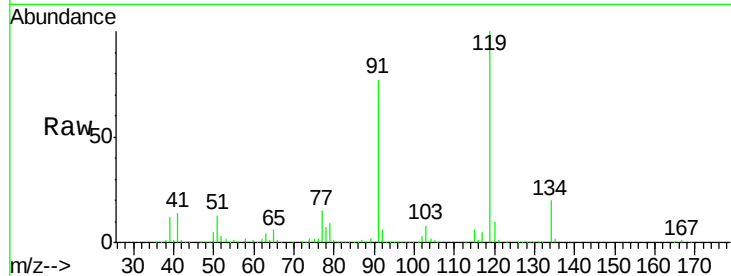




#83
tert-Butylbenzene
Concen: 57.056 ug/l
RT: 14.19 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

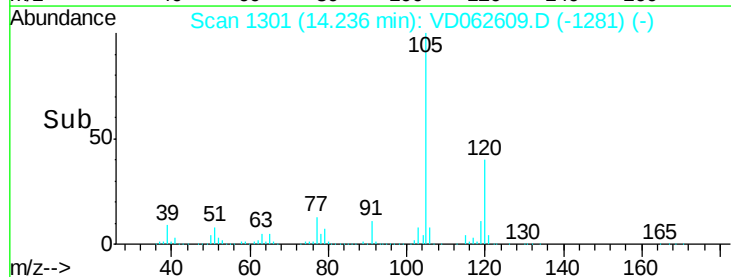
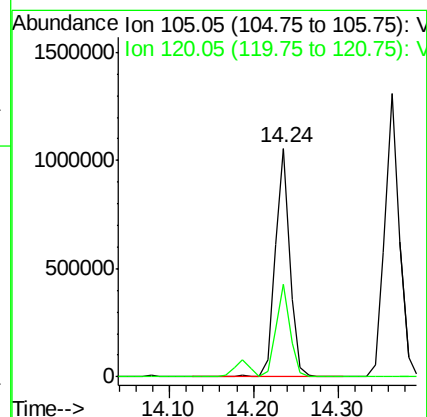
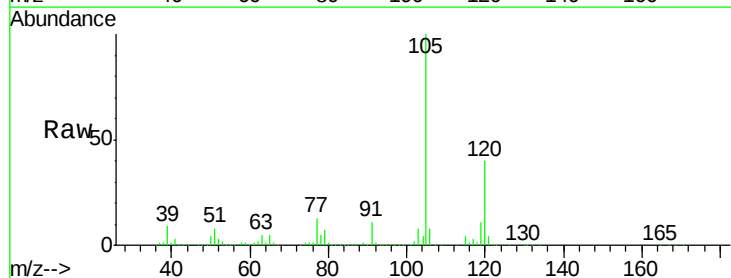
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

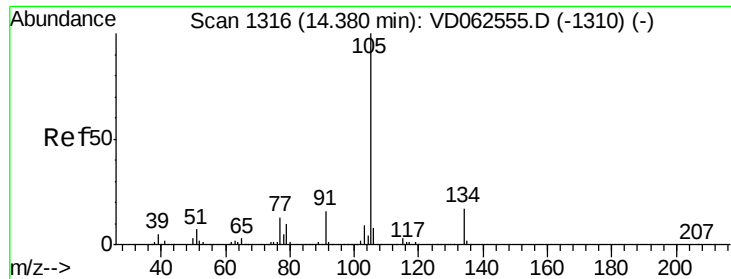
Tot Ion:119 Resp: 1442934
Ion Ratio Lower Upper
119 100
91 76.9 39.1 117.5
134 20.3 10.1 30.3



#84
1,2,4-Trimethylbenzene
Concen: 55.689 ug/l
RT: 14.24 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion:105 Resp: 1286125
Ion Ratio Lower Upper
105 100
120 40.4 19.6 58.8





#85

sec-Butylbenzene

Concen: 59.156 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

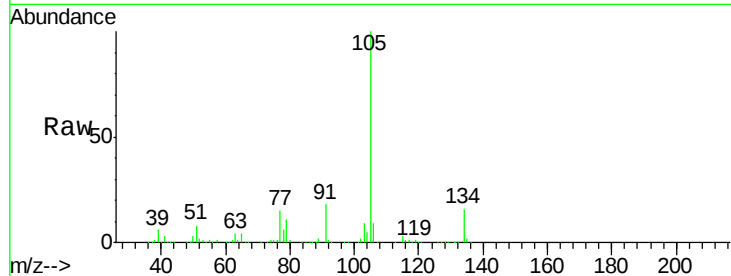
VSTDCCC050EC

Tot Ion:105 Resp: 1584809

Ion Ratio Lower Upper

105 100

134 16.1 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

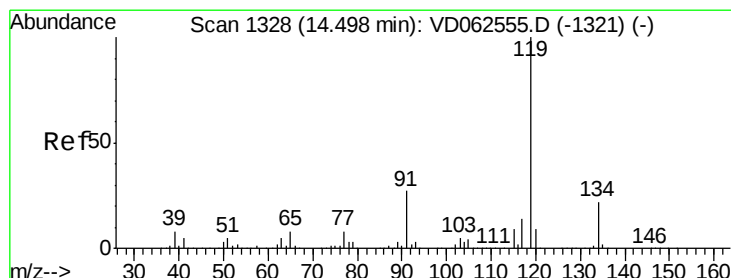
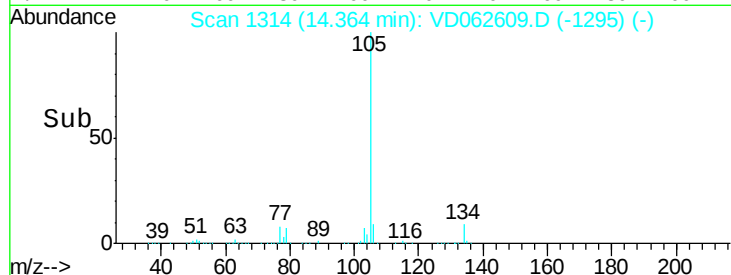
14.36

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 58.787 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.01 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

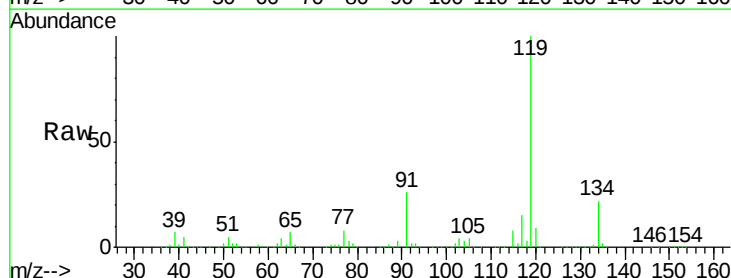
Tgt Ion:119 Resp: 1471427

Ion Ratio Lower Upper

119 100

134 22.5 11.2 33.6

91 26.0 13.6 40.7



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

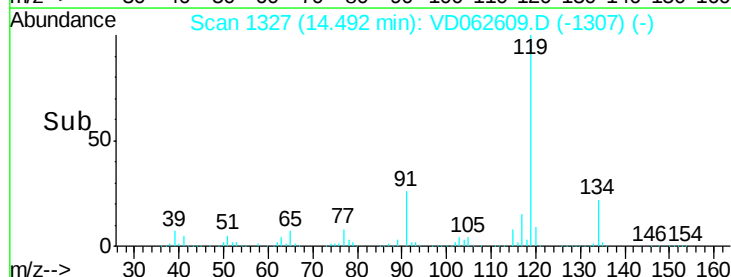
14.49

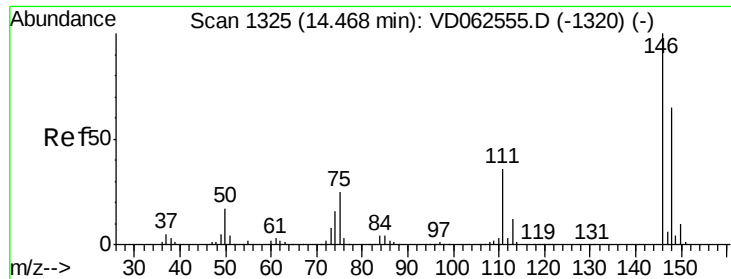
1000000

500000

0

Time-->

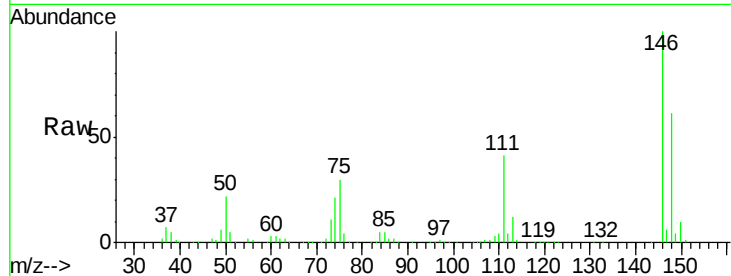




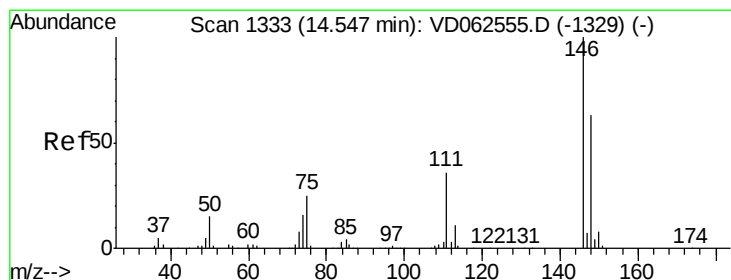
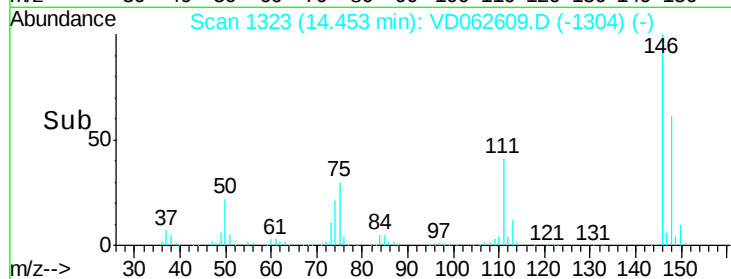
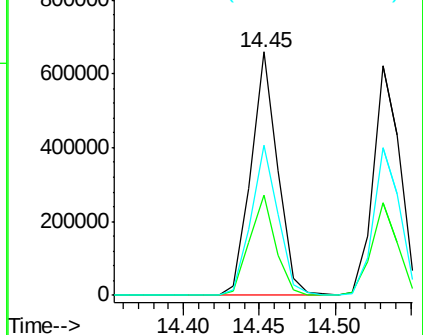
#87
 1,3-Dichlorobenzene
 Concen: 64.219 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 809549
 Ion Ratio Lower Upper
 146 100
 111 41.0 18.1 54.4
 148 61.4 32.3 96.9

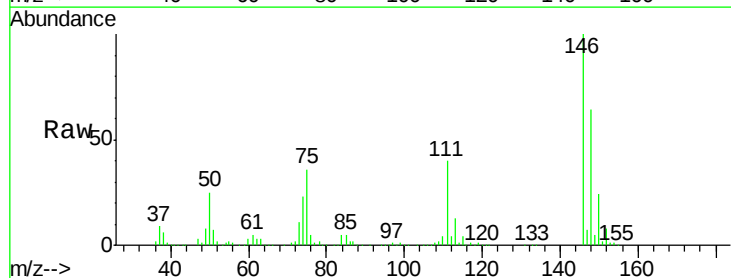


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

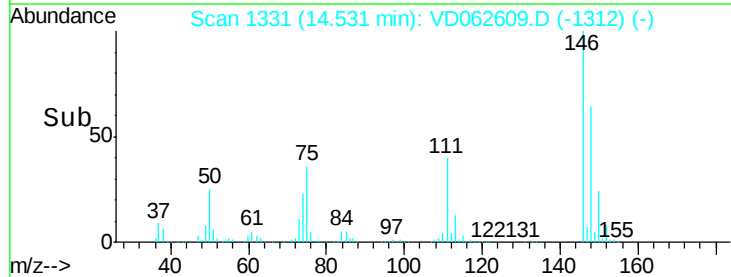
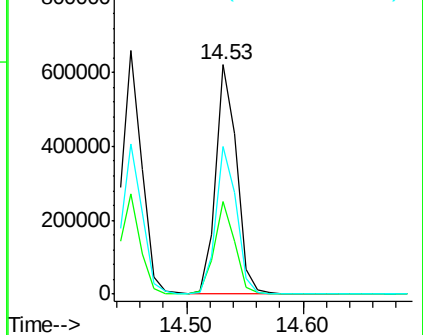


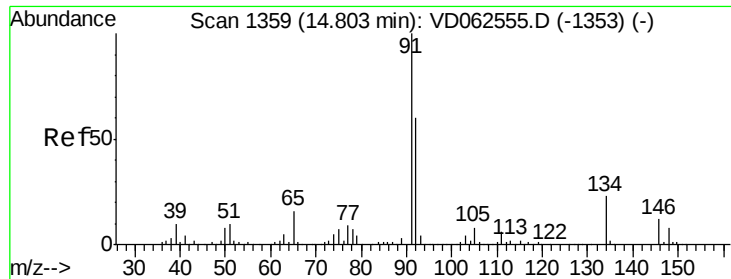
#88
 1,4-Dichlorobenzene
 Concen: 61.344 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

Tgt Ion:146 Resp: 774948
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.2 54.6
 148 64.3 31.6 94.8



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

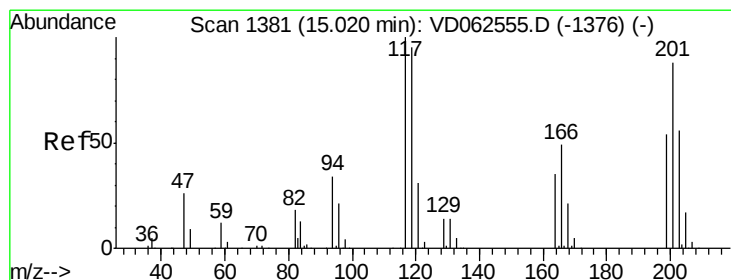
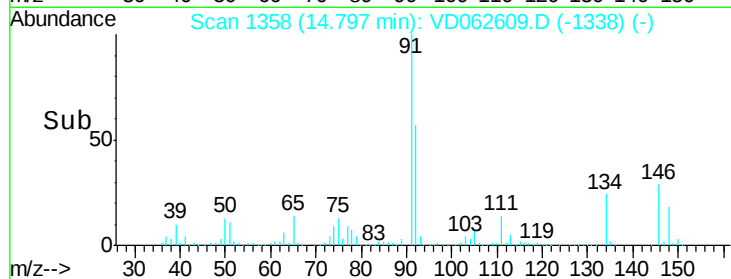
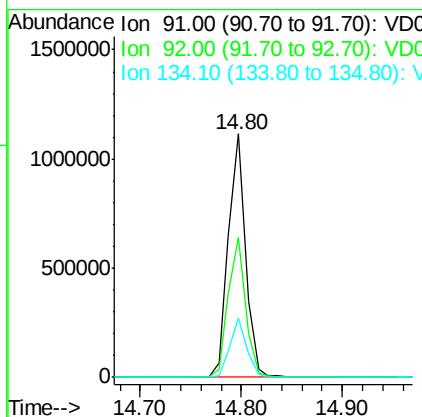
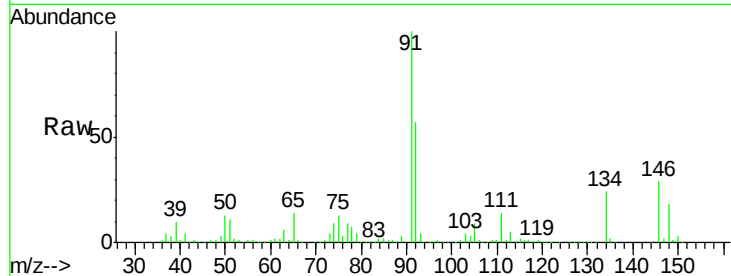




#89
n-Butylbenzene
Concen: 59.033 ug/l
RT: 14.80 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

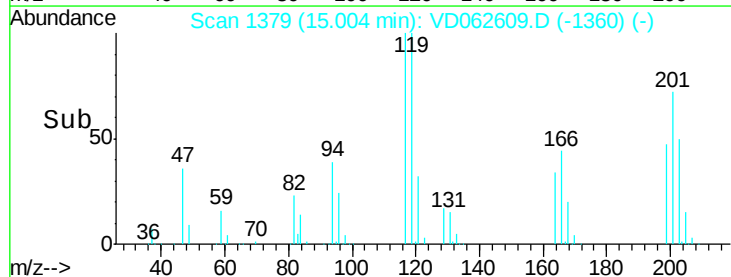
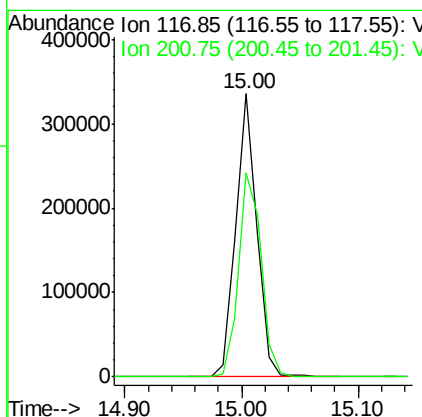
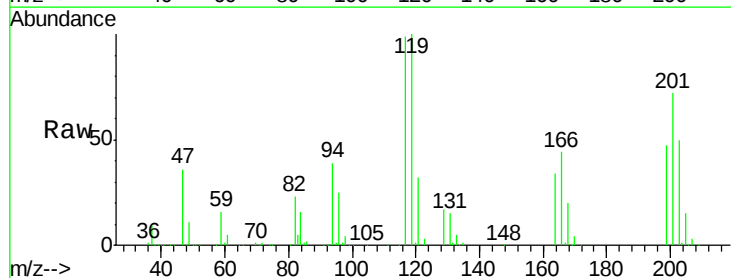
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

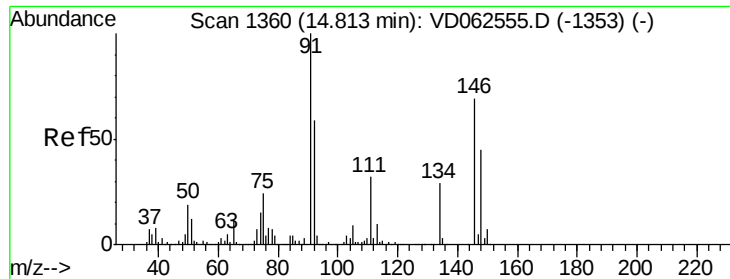
Tot Ion: 91 Resp: 1319007
Ion Ratio Lower Upper
91 100
92 57.3 29.8 89.4
134 24.2 11.3 33.8



#90
Hexachloroethane
Concen: 62.996 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion: 117 Resp: 418319
Ion Ratio Lower Upper
117 100
201 72.1 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 63.429 ug/l

RT: 14.81 min Scan# 1359

Delta R.T. -0.01 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

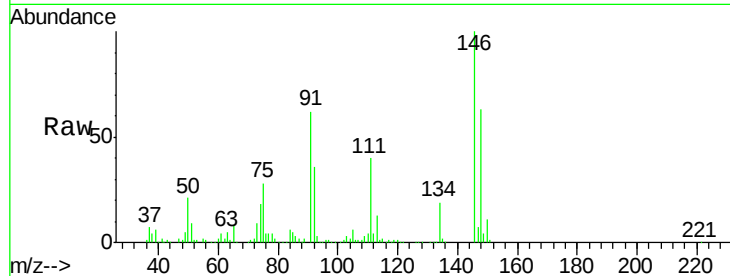
Tot Ion:146 Resp: 672647

Ion Ratio Lower Upper

146 100

111 40.1 22.8 68.4

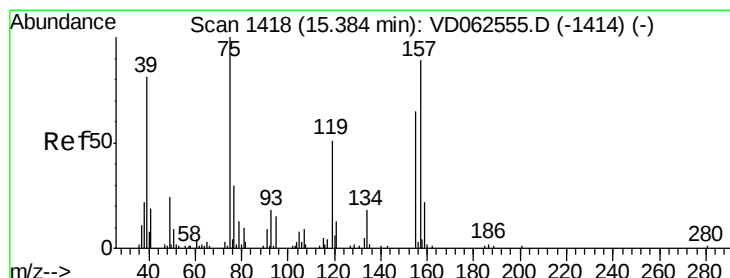
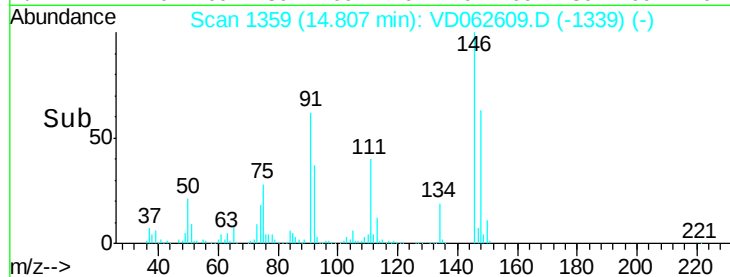
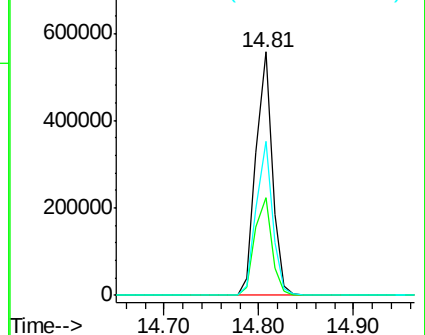
148 63.1 32.3 96.9



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: 65.048 ug/l

RT: 15.38 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VD062609.D

Acq: 4 Jun 2019 20:15

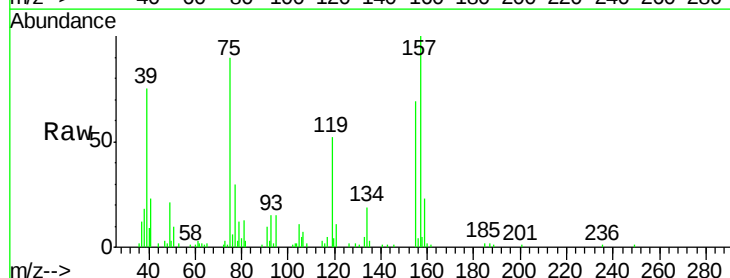
Tgt Ion: 75 Resp: 56738

Ion Ratio Lower Upper

75 100

155 77.1 32.6 97.8

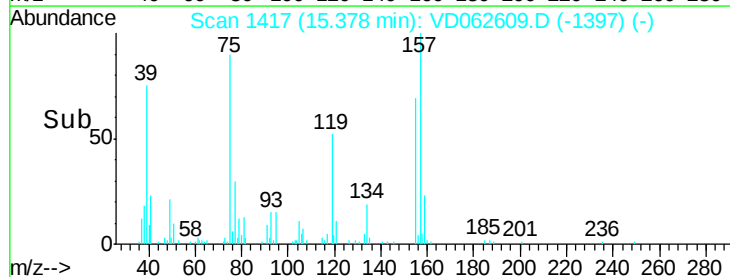
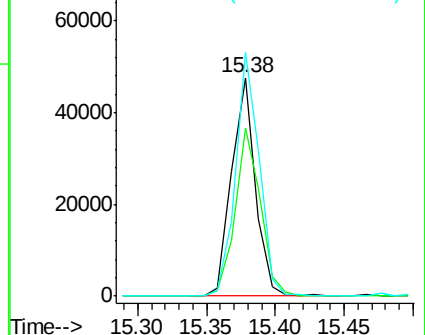
157 111.6 44.5 133.7

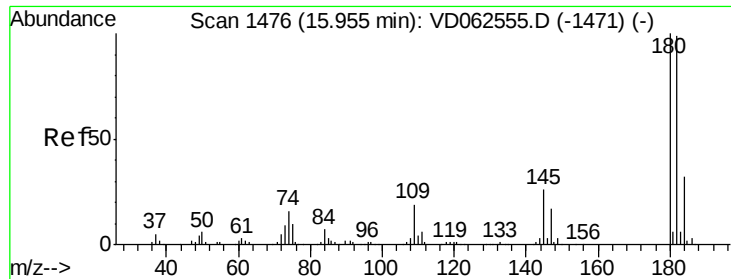


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

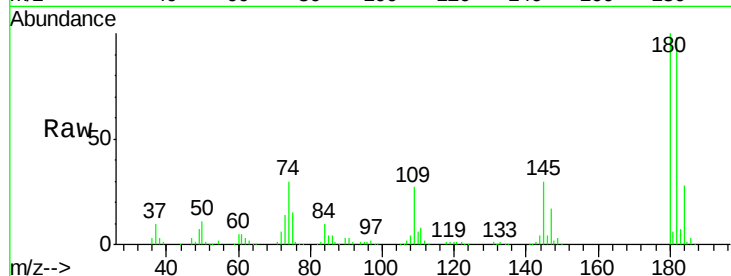




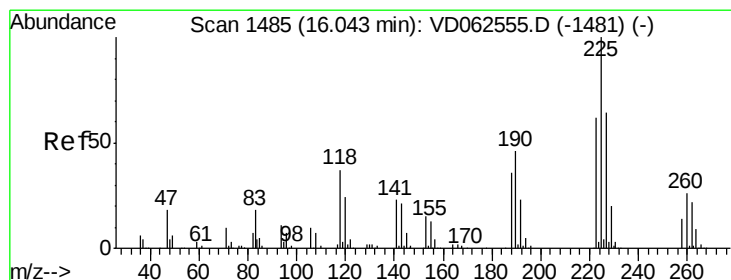
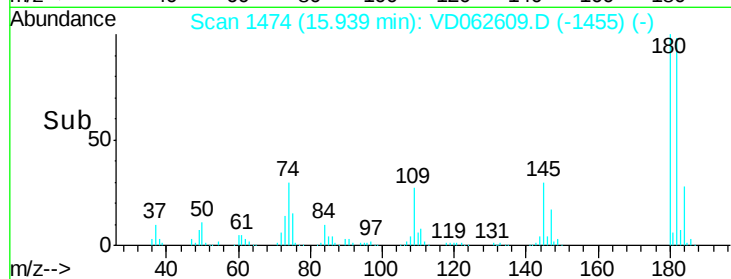
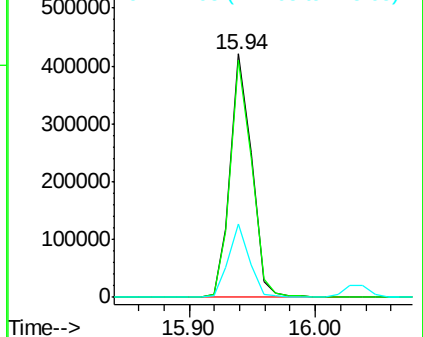
#93
 1,2,4-Trichlorobenzene
 Concen: 58.708 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 497809
 Ion Ratio Lower Upper
 180 100
 182 97.6 49.5 148.3
 145 30.2 13.1 39.3

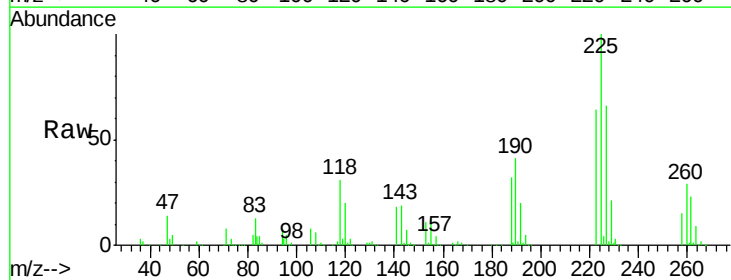


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

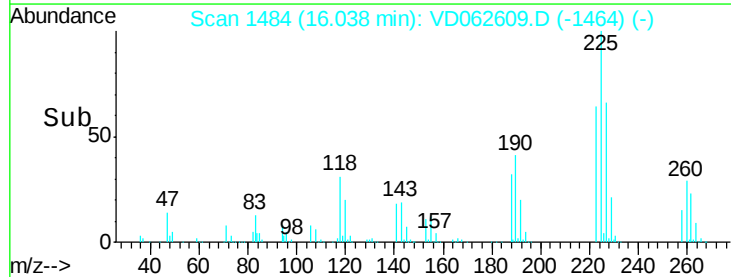
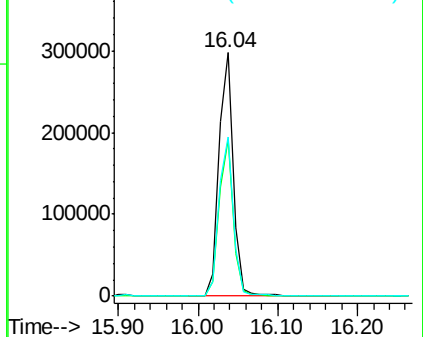


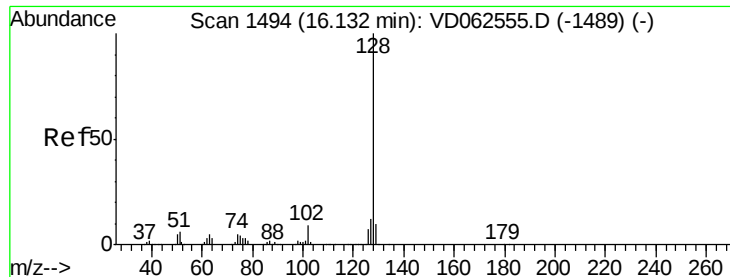
#94
 Hexachlorobutadiene
 Concen: 61.016 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: VD062609.D
 Acq: 4 Jun 2019 20:15

Tgt Ion:225 Resp: 381943
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.1 93.5
 227 65.6 32.1 96.5



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

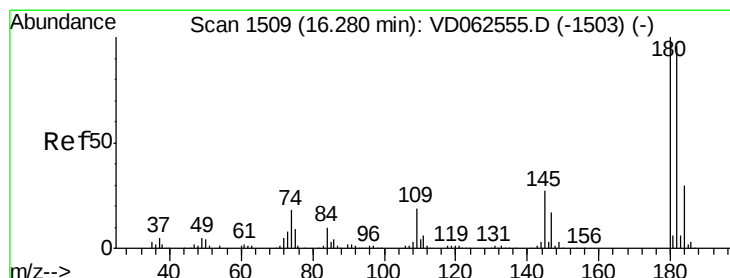
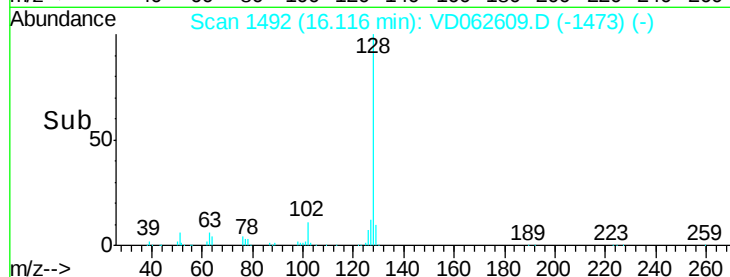
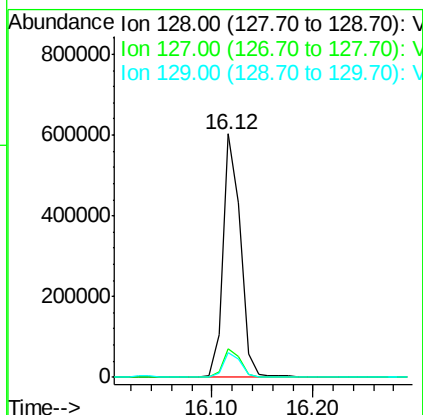
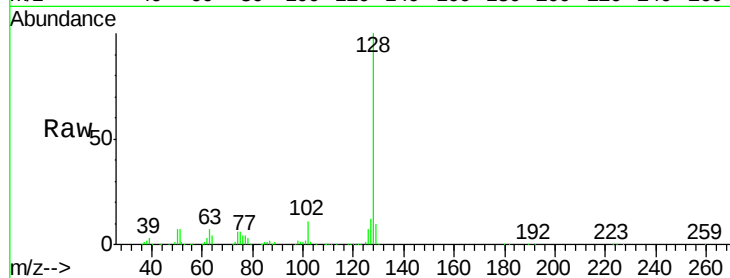




#95
Naphthalene
Concen: 63.020 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 727747
Ion Ratio Lower Upper
128 100
127 11.8 9.7 14.5
129 10.2 8.2 12.2



#96
1,2,3-Trichlorobenzene
Concen: 58.180 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.02 min
Lab File: VD062609.D
Acq: 4 Jun 2019 20:15

Tgt Ion:180 Resp: 368520
Ion Ratio Lower Upper
180 100
182 98.0 48.1 144.3
145 33.5 13.3 39.9

