

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080219\
 Data File : VD063307.D
 Acq On : 2 Aug 2019 10:40
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 03:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1189749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1590590	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1331269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	696936	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	647111	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	6.91	113	679687	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.40	98	1649920	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
62) 4-Bromofluorobenzene	13.55	95	691238	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	691915	47.577	ug/l	98
3) Chloromethane	1.74	50	553334	48.971	ug/l	94
4) Vinyl Chloride	1.84	62	559742	47.853	ug/l	99
5) Bromomethane	2.14	94	250167	42.406	ug/l	97
6) Chloroethane	2.26	64	269815	49.961	ug/l	94
7) Trichlorofluoromethane	2.52	101	1162838	51.243	ug/l	98
8) Diethyl Ether	2.86	74	159415	50.196	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	669158	53.234	ug/l	99
10) Methyl Iodide	3.28	142	915268	50.403	ug/l	95
11) Tert butyl alcohol	4.07	59	123358	212.928	ug/l #	92
12) 1,1-Dichloroethene	3.11	96	496356	53.787	ug/l	85
13) Acrolein	3.02	56	164785	295.546	ug/l	89
14) Allyl chloride	3.60	41	733495	49.895	ug/l	96
15) Acrylonitrile	4.18	53	376166	250.445	ug/l	99
16) Acetone	3.21	43	768636	298.830	ug/l	95
17) Carbon Disulfide	3.36	76	1536354	49.740	ug/l	99
18) Methyl Acetate	3.63	43	230086	46.570	ug/l	96
19) Methyl tert-butyl Ether	4.22	73	1002489	48.092	ug/l	98
20) Methylene Chloride	3.80	84	503529	48.431	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	538672	52.024	ug/l	91
22) Diisopropyl ether	5.11	45	1498681	51.027	ug/l #	95
23) Vinyl Acetate	5.04	43	4747140	262.939	ug/l	99
24) 1,1-Dichloroethane	4.97	63	946565	50.455	ug/l	97
25) 2-Butanone	6.05	43	654424	253.518	ug/l	93
26) 2,2-Dichloropropane	6.00	77	1042237	53.908	ug/l	96
27) cis-1,2-Dichloroethene	6.02	96	577340	52.006	ug/l	88
28) Bromochloromethane	6.43	49	323535	43.284	ug/l #	100
29) Tetrahydrofuran	6.44	42	316765	259.187	ug/l	99
30) Chloroform	6.65	83	1135189	48.758	ug/l	99
31) Cyclohexane	6.94	56	618400	52.588	ug/l	100
32) 1,1,1-Trichloroethane	6.85	97	1156508	51.355	ug/l	97
36) 1,1-Dichloropropene	7.13	75	794299	54.718	ug/l	97
37) Ethyl Acetate	6.17	43	321932	49.364	ug/l #	99
38) Carbon Tetrachloride	7.09	117	1294900	59.254	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	643030	53.168	ug/l	94
40) Benzene	7.44	78	1677604	55.142	ug/l	97
41) Methacrylonitrile	6.44	41	409439	52.485	ug/l #	95
42) 1,2-Dichloroethane	7.57	62	808459	50.141	ug/l	96
43) Isopropyl Acetate	9.23	43	444435	53.350	ug/l	98
44) Trichloroethene	8.53	130	627005	50.861	ug/l	99
45) 1,2-Dichloropropane	8.93	63	390922	50.554	ug/l	99
46) Dibromomethane	9.05	93	336968	52.408	ug/l	94
47) Bromodichloromethane	9.36	83	898508	54.821	ug/l	94
48) Methyl methacrylate	9.11	41	272197	50.380	ug/l	98
49) 1,4-Dioxane	9.07	88	54569	1193.079	ug/l	87
51) 4-Methyl-2-Pentanone	10.29	43	1501427	265.014	ug/l	99
52) Toluene	10.50	92	1016778	50.250	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	729361	51.617	ug/l	94
54) cis-1,3-Dichloropropene	10.03	75	794018	53.467	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	360690	52.780	ug/l	97
56) Ethyl methacrylate	11.03	69	400418	53.508	ug/l	92
57) 1,3-Dichloropropane	11.40	76	589473	54.746	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.85	63	1016779	261.124	ug/l	99
59) 2-Hexanone	11.52	43	1153423	282.509	ug/l	99
60) Dibromochloromethane	11.67	129	679043	52.634	ug/l	96
61) 1,2-Dibromoethane	11.80	107	457387	54.240	ug/l	98
64) Tetrachloroethene	11.25	164	575248	54.239	ug/l	98
65) Chlorobenzene	12.39	112	1349770	52.713	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	631981	56.030	ug/l	96
67) Ethyl Benzene	12.52	91	2455274	56.444	ug/l	98
68) m/p-Xylenes	12.66	106	1670972	104.746	ug/l	94
69) o-Xylene	13.04	106	797970	54.471	ug/l	88
70) Styrene	13.07	104	1389506	53.485	ug/l	98
71) Bromoform	13.23	173	436675	53.237	ug/l	100
73) Isopropylbenzene	13.39	105	2293307	52.428	ug/l	100
74) N-amyl acetate	13.26	43	603252	52.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	412373	55.500	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	424777	50.743	ug/l	99
77) Bromobenzene	13.66	156	632459	50.756	ug/l	94
78) n-propylbenzene	13.77	91	2862041	54.982	ug/l	100
79) 2-Chlorotoluene	13.84	91	1671332	55.412	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	1901884	50.412	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.46	75	122248	52.591	ug/l	95
82) 4-Chlorotoluene	13.94	91	1873390	52.777	ug/l	89
83) tert-Butylbenzene	14.18	119	2064314	47.921	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	2011711	51.552	ug/l	99
85) sec-Butylbenzene	14.36	105	2421897	53.363	ug/l	100
86) p-Isopropyltoluene	14.49	119	2230675	51.495	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	1155717	52.373	ug/l	99
88) 1,4-Dichlorobenzene	14.53	146	1135853	50.902	ug/l	94
89) n-Butylbenzene	14.79	91	2099480	56.116	ug/l	98
90) Hexachloroethane	15.00	117	641028	56.799	ug/l	97
91) 1,2-Dichlorobenzene	14.80	146	1026362	53.383	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	81340	53.744	ug/l	88

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QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

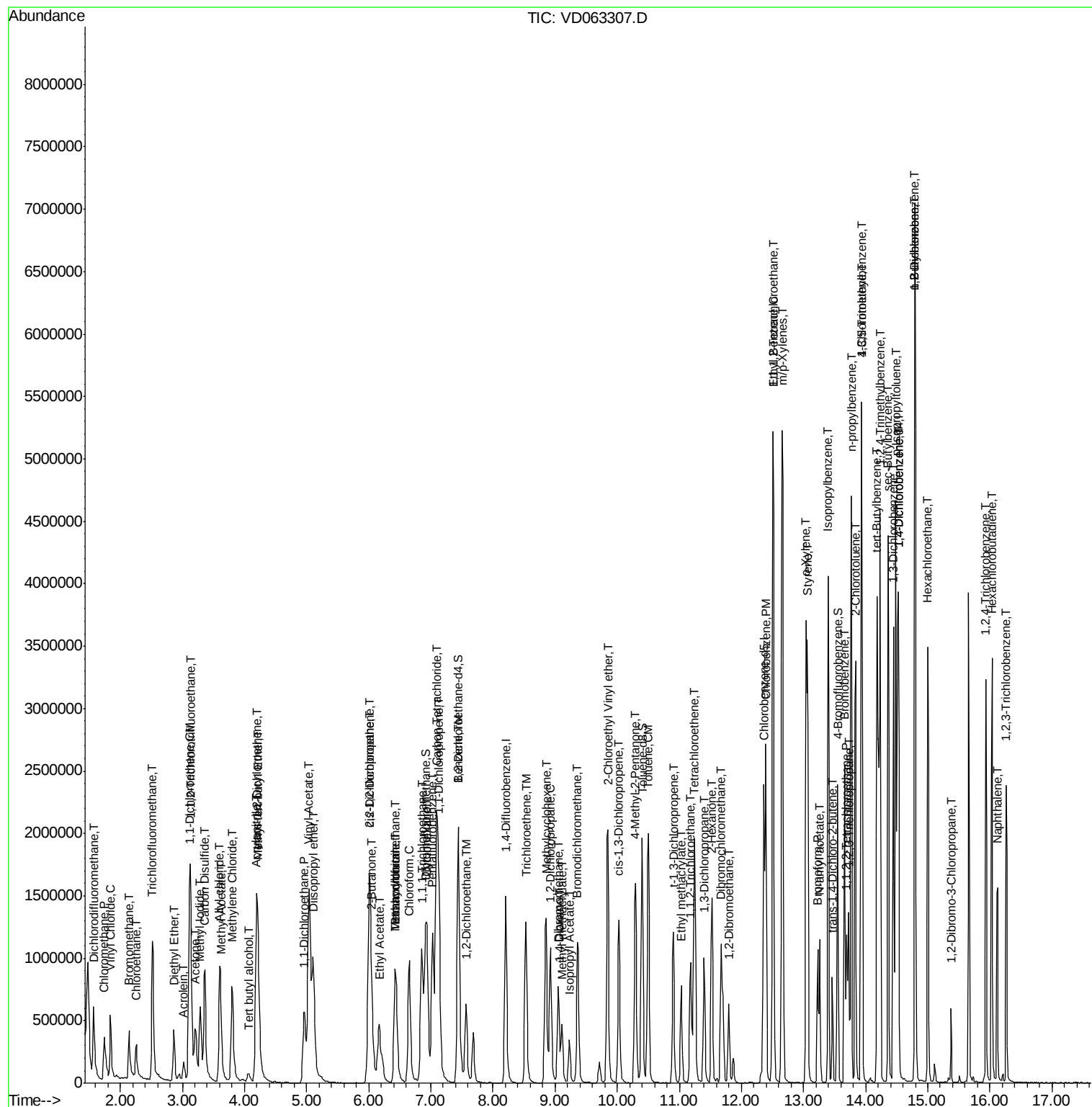
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	803919	52.707	ug/l	97
94) Hexachlorobutadiene	16.03	225	579268	52.407	ug/l	97
95) Naphthalene	16.12	128	1081993	50.190	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	628891	52.193	ug/l	95

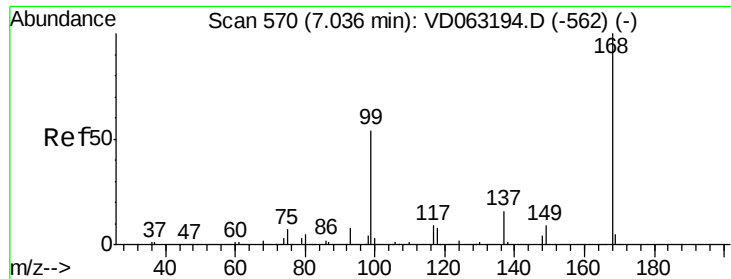
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

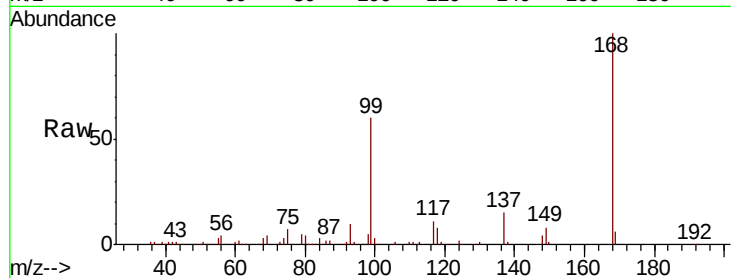
VSTDCCC050

Tgt Ion:168 Resp: 1189749

Ion Ratio Lower Upper

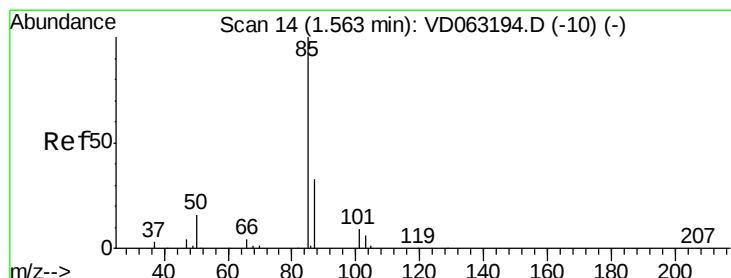
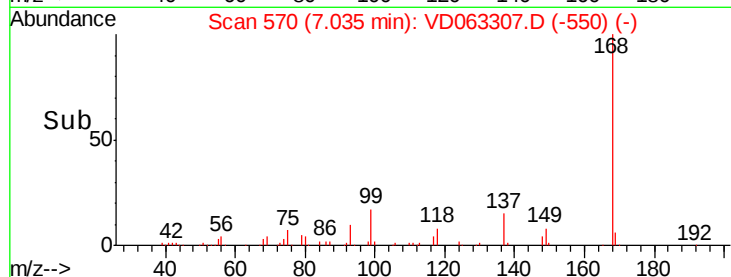
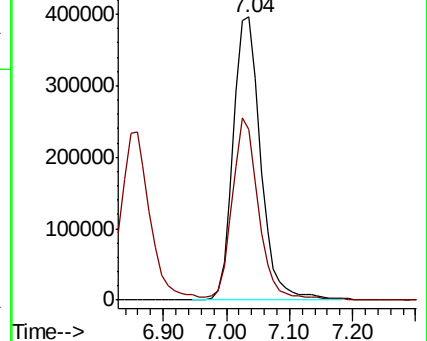
168 100

99 60.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 47.577 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.01 min

Lab File: VD063307.D

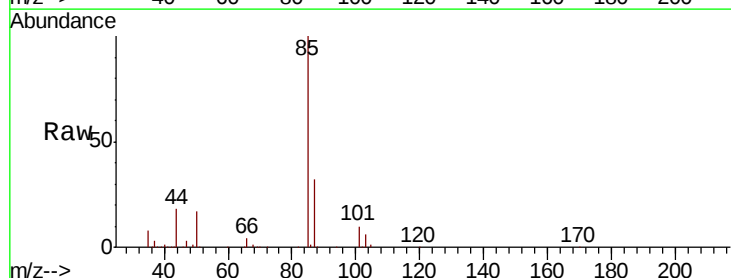
Acq: 2 Aug 2019 10:40

Tgt Ion: 85 Resp: 691915

Ion Ratio Lower Upper

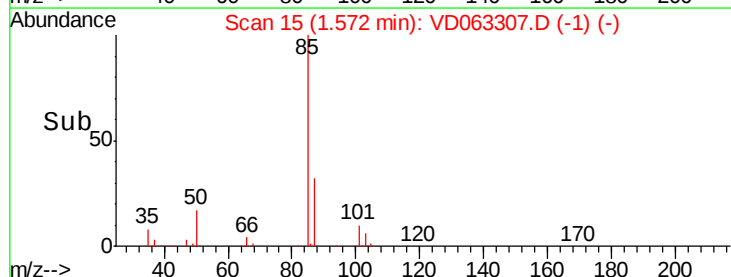
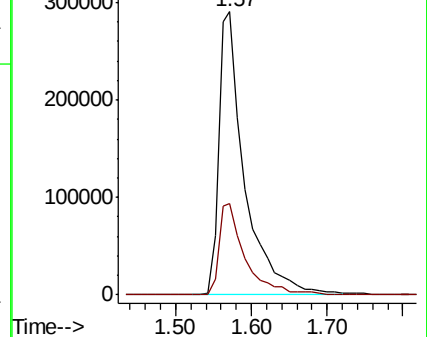
85 100

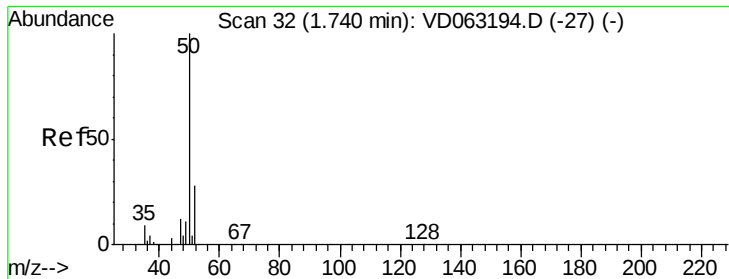
87 32.1 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.971 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

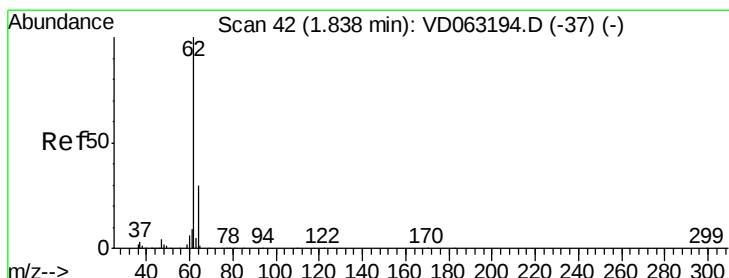
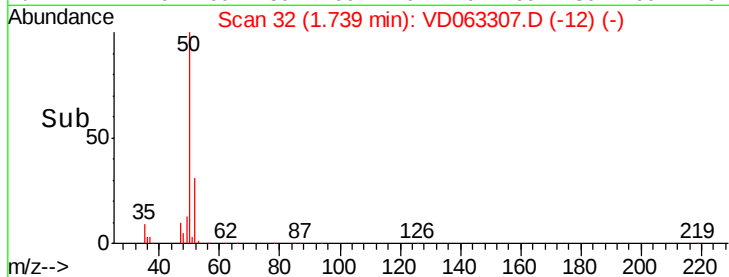
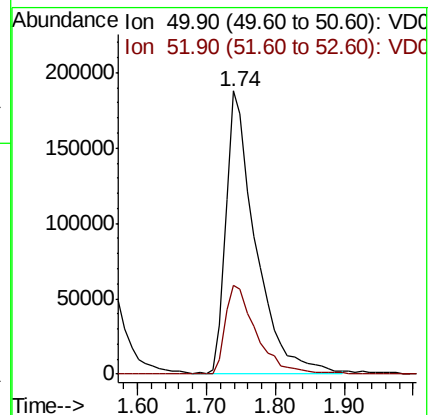
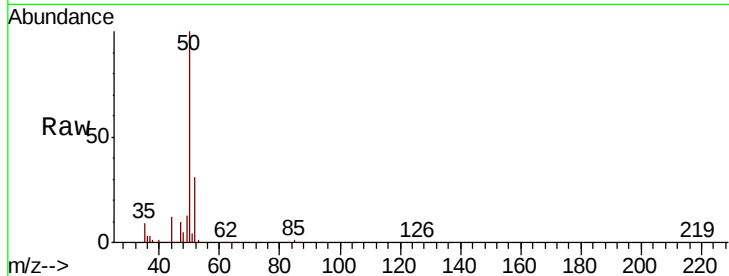
VSTDCCC050

Tgt Ion: 50 Resp: 553334

Ion Ratio Lower Upper

50 100

52 31.4 22.6 34.0



#4

Vinyl Chloride

Concen: 47.853 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.00 min

Lab File: VD063307.D

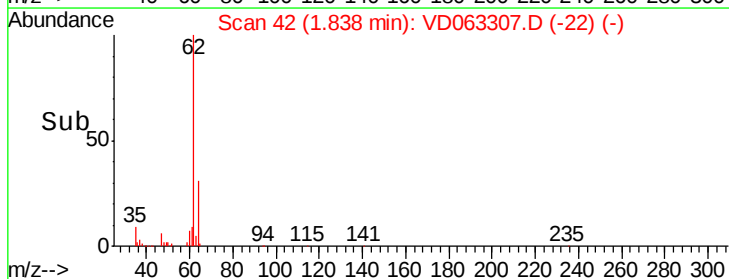
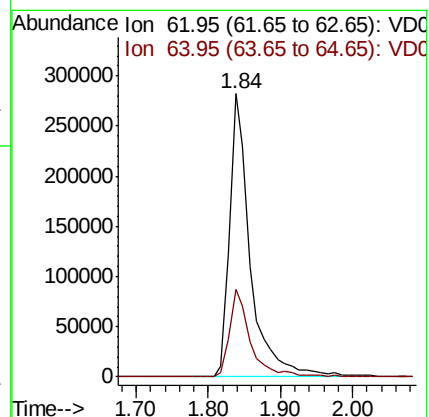
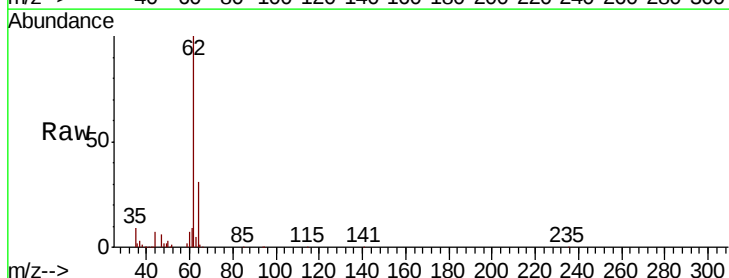
Acq: 2 Aug 2019 10:40

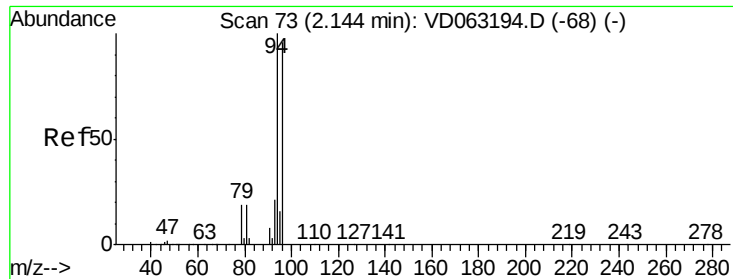
Tgt Ion: 62 Resp: 559742

Ion Ratio Lower Upper

62 100

64 30.9 24.1 36.1





#5

Bromomethane

Concen: 42.406 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

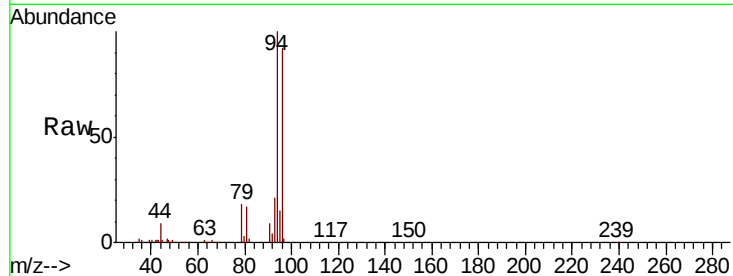
Tgt Ion: 94 Resp: 250167

Ion Ratio Lower Upper

94 100

96 92.0 76.4 114.6

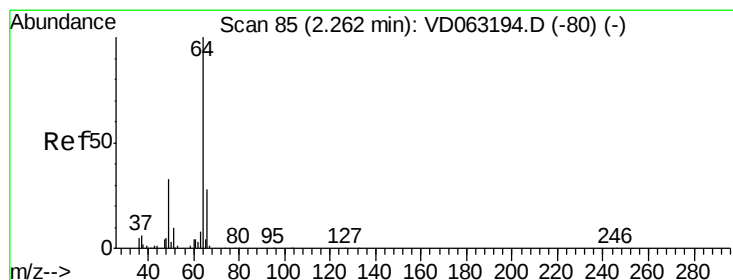
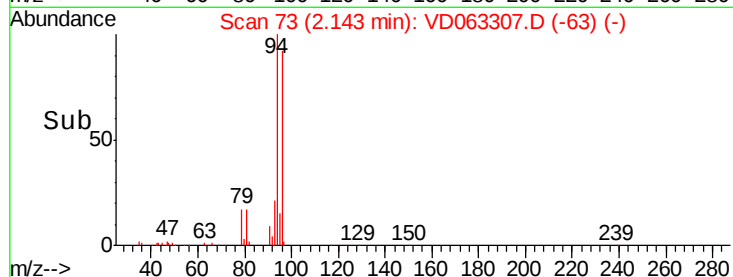
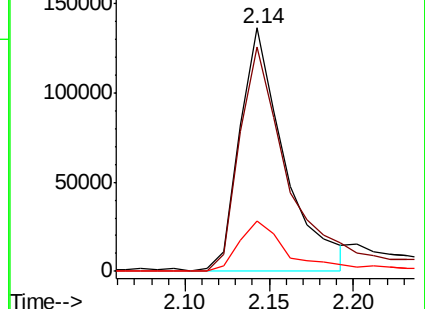
93 20.8 17.3 25.9



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 49.961 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VD063307.D

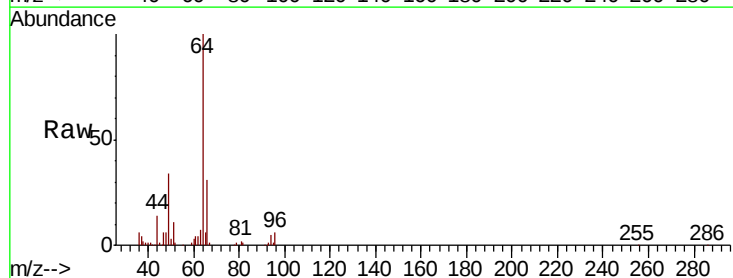
Acq: 2 Aug 2019 10:40

Tgt Ion: 64 Resp: 269815

Ion Ratio Lower Upper

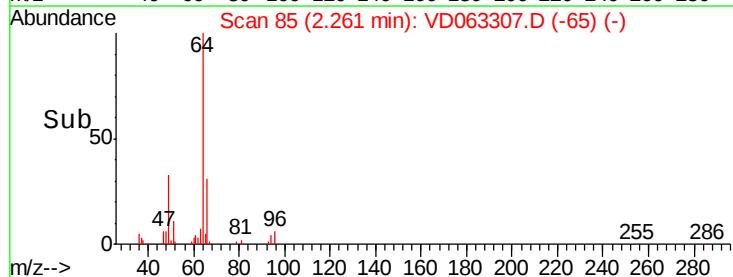
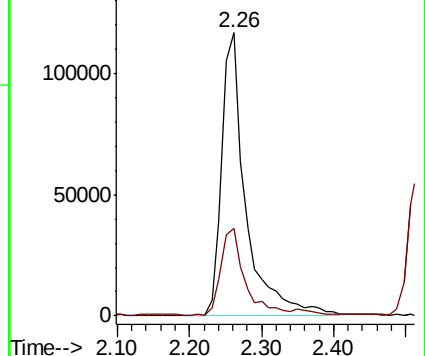
64 100

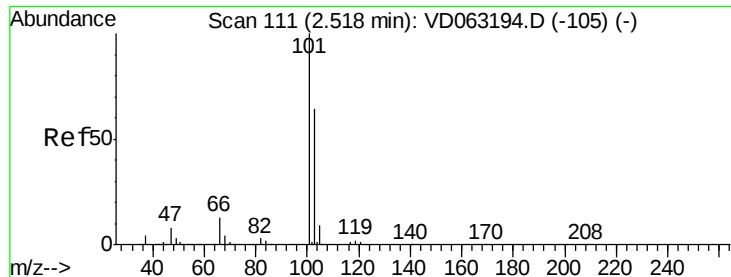
66 31.1 22.2 33.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



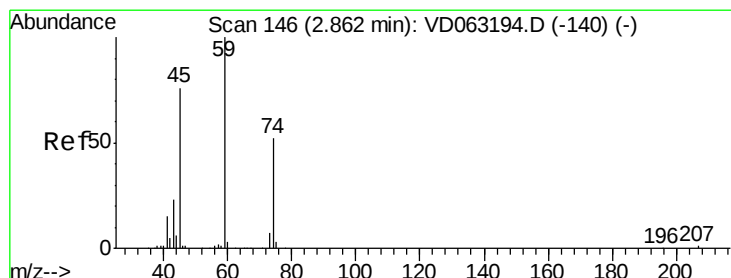
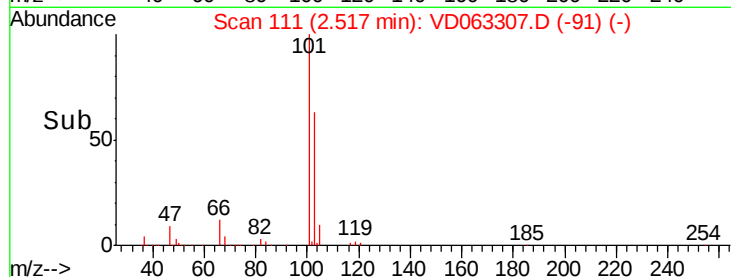
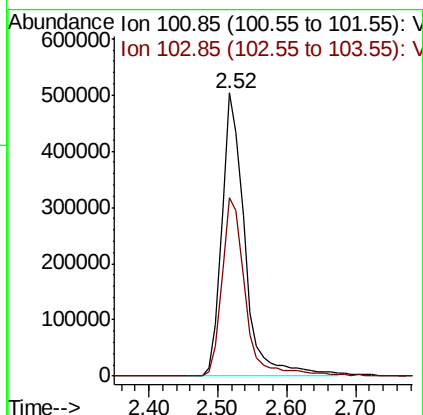
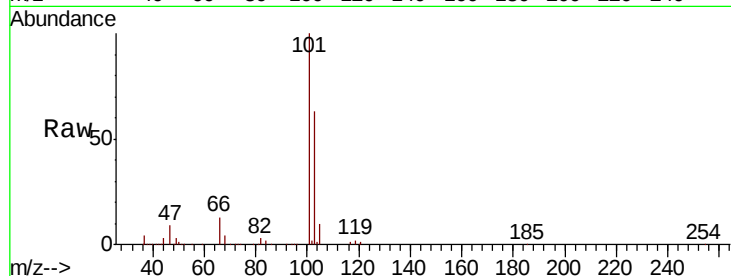


#7

Trichlorofluoromethane
 Concen: 51.243 ug/l
 RT: 2.52 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: VD063307.D
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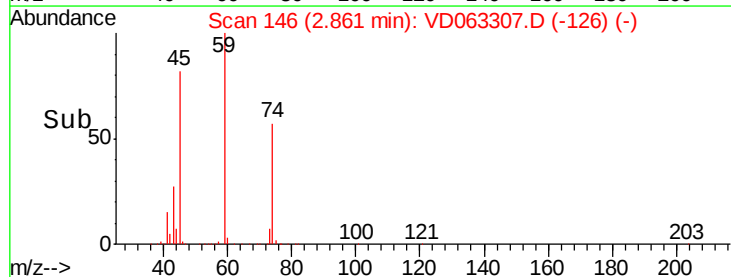
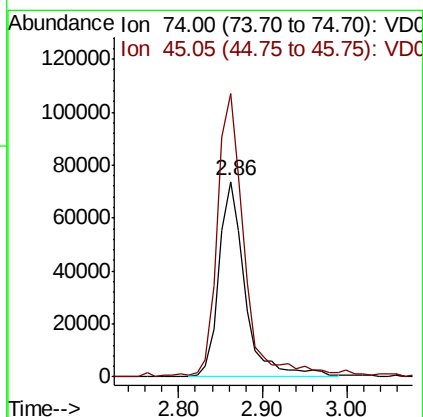
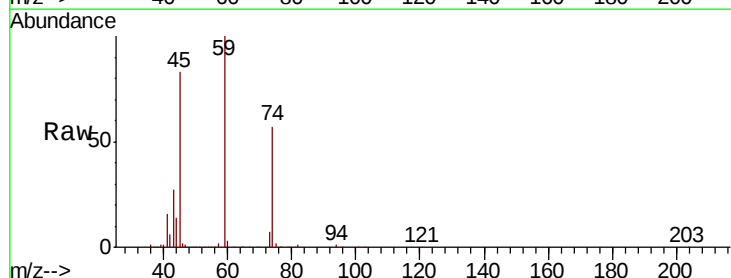
Tgt Ion:101 Resp: 1162838
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.5 77.3

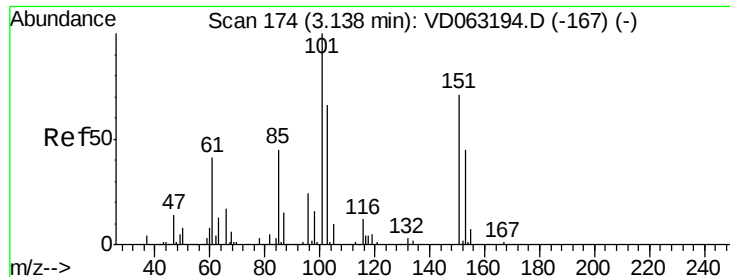


#8

Diethyl Ether
 Concen: 50.196 ug/l
 RT: 2.86 min Scan# 146
 Delta R.T. -0.00 min
 Lab File: VD063307.D
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Tgt Ion: 74 Resp: 159415
 Ion Ratio Lower Upper
 74 100
 45 144.7 73.6 220.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.234 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.00 min

Lab File: VD063307.D

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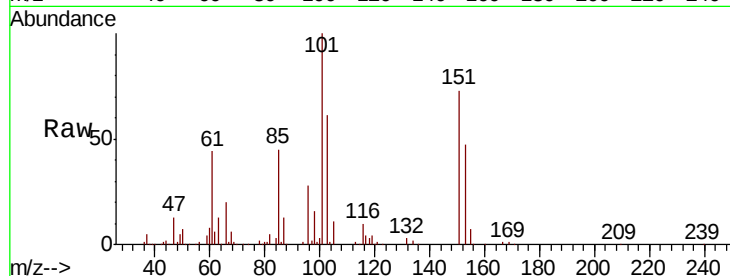
Tgt Ion:101 Resp: 669158

Ion Ratio Lower Upper

101 100

85 44.8 36.1 54.1

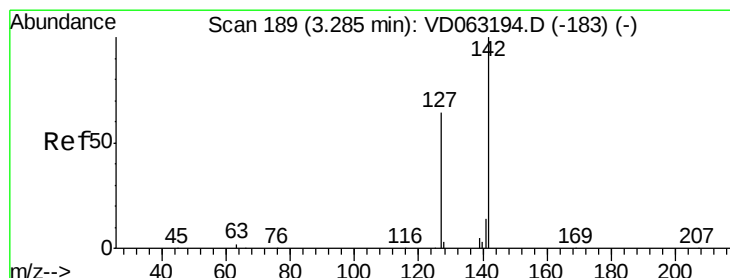
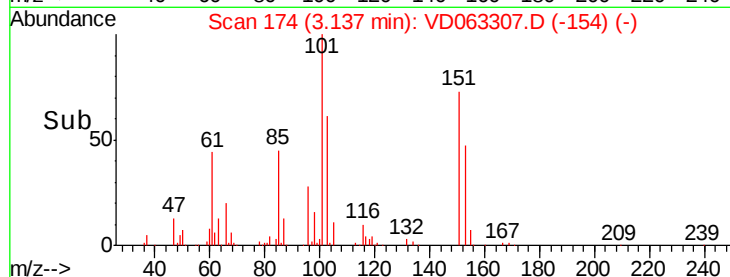
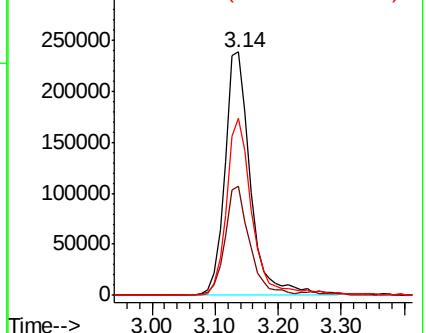
151 72.8 57.1 85.7



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: 50.403 ug/l

RT: 3.28 min Scan# 189

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

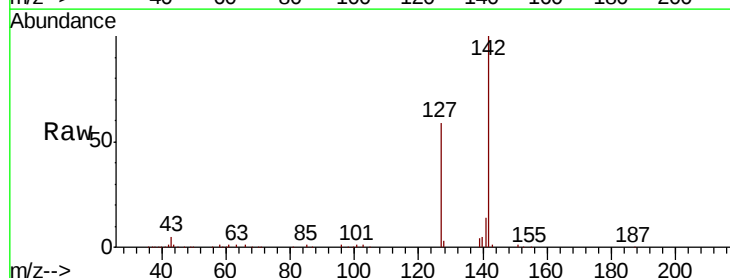
Tgt Ion:142 Resp: 915268

Ion Ratio Lower Upper

142 100

127 59.0 50.8 76.2

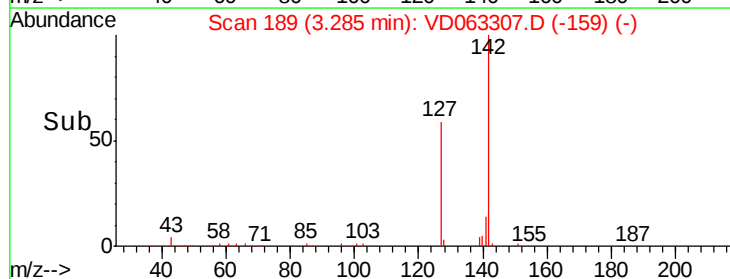
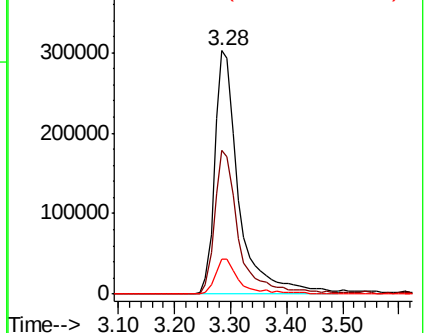
141 14.3 11.4 17.2

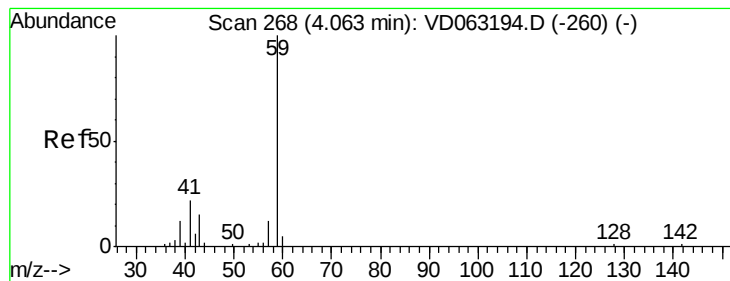


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



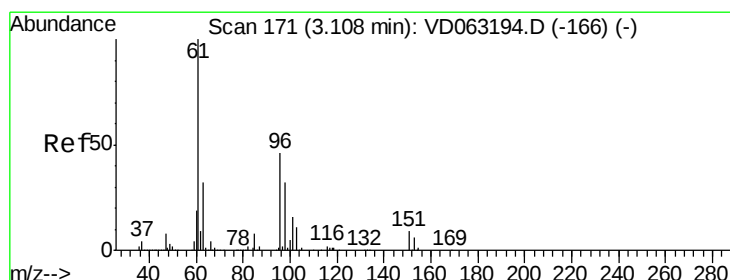
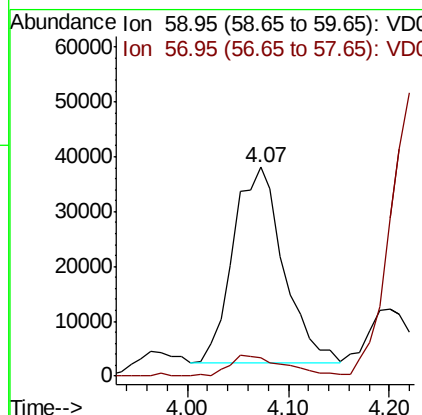
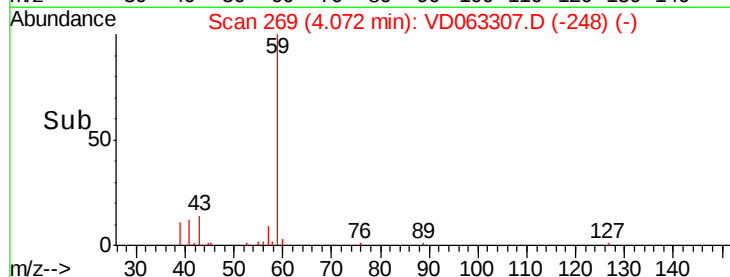
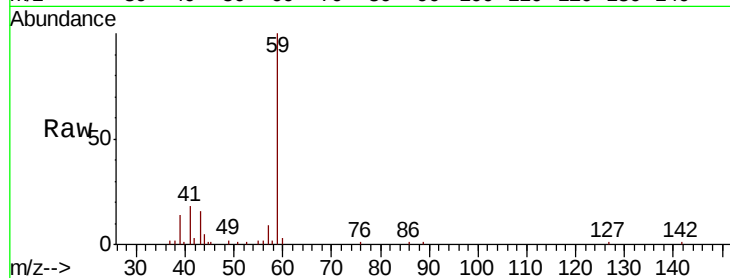


#11

Tert butyl alcohol
Concen: 212.928 ug/l
RT: 4.07 min Scan# 269
Delta R.T. 0.01 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

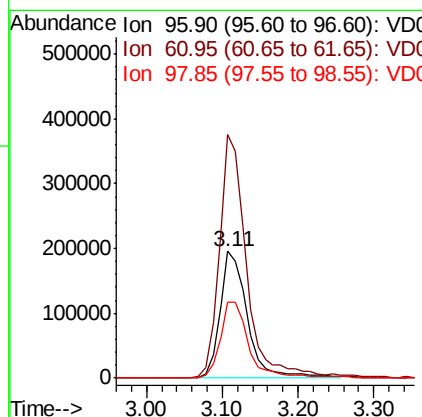
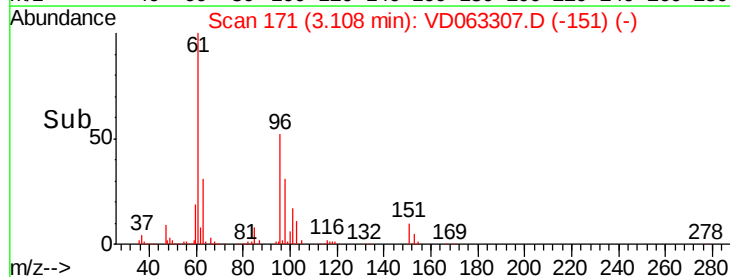
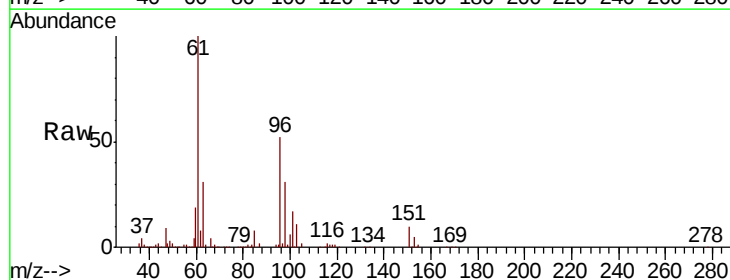
Tgt Ion: 59 Resp: 123358
Ion Ratio Lower Upper
59 100
57 9.0 9.6 14.4#

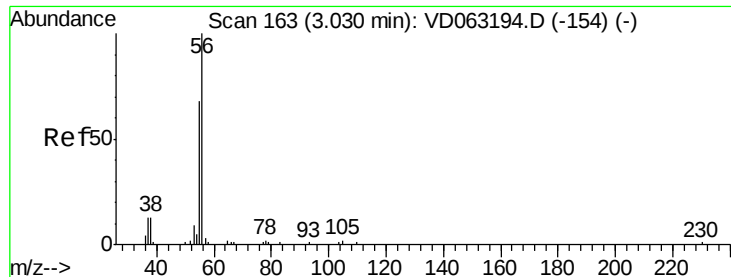


#12

1,1-Dichloroethene
Concen: 53.787 ug/l
RT: 3.11 min Scan# 171
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 96 Resp: 496356
Ion Ratio Lower Upper
96 100
61 191.7 173.7 260.5
98 60.1 55.8 83.8





#13

Acrolein

Concen: 295.546 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.01 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

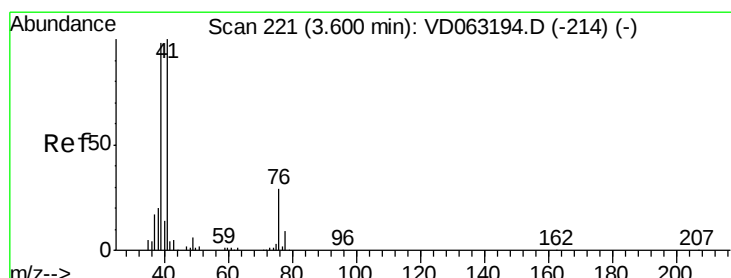
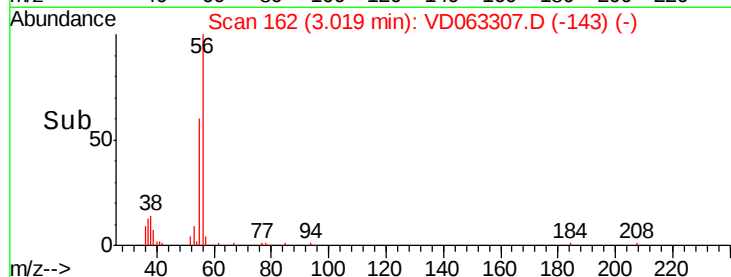
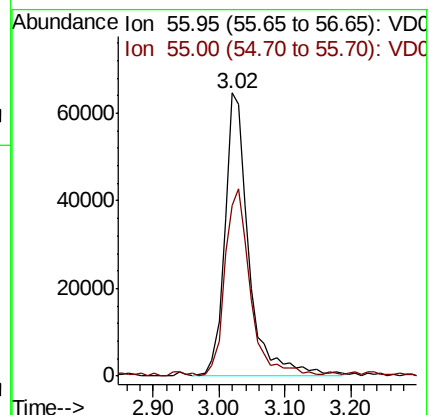
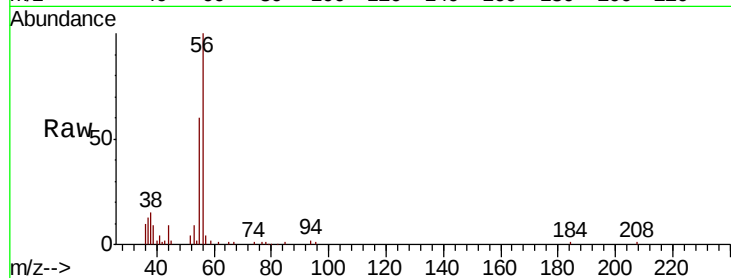
VSTDCCC050

Tgt Ion: 56 Resp: 164785

Ion Ratio Lower Upper

56 100

55 60.2 55.3 82.9



#14

Allyl chloride

Concen: 49.895 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

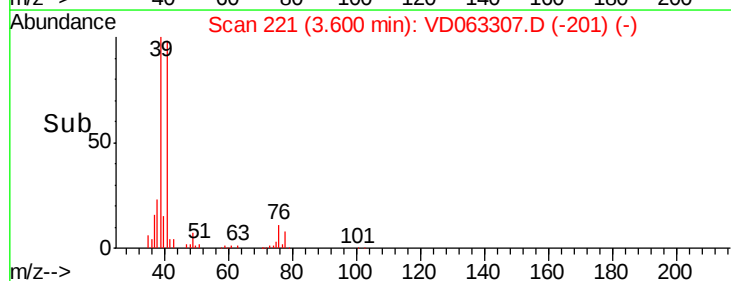
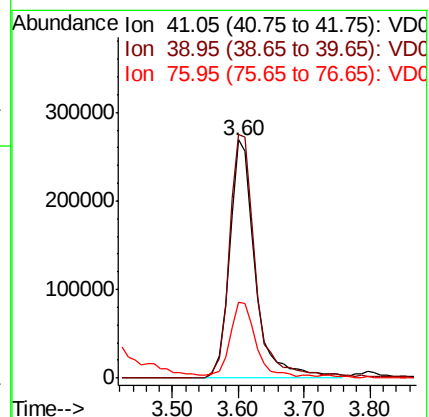
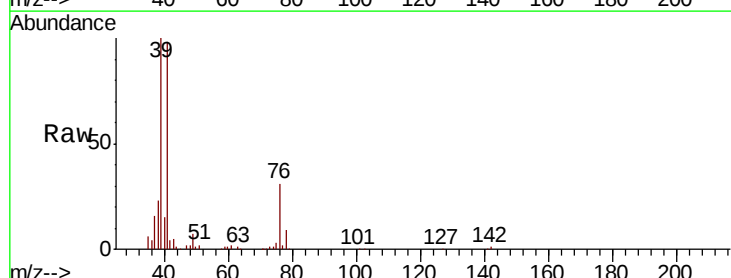
Tgt Ion: 41 Resp: 733495

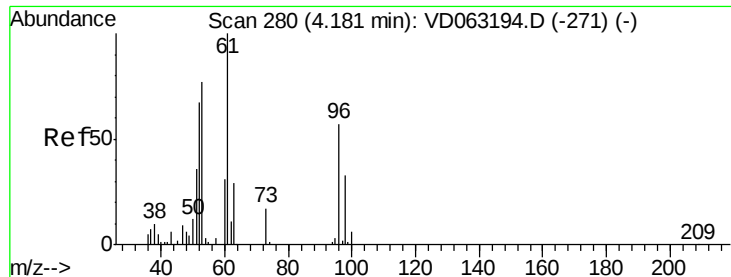
Ion Ratio Lower Upper

41 100

39 102.1 78.6 117.8

76 32.0 24.5 36.7





#15

Acrylonitrile

Concen: 250.445 ug/l

RT: 4.18 min Scan# 280

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

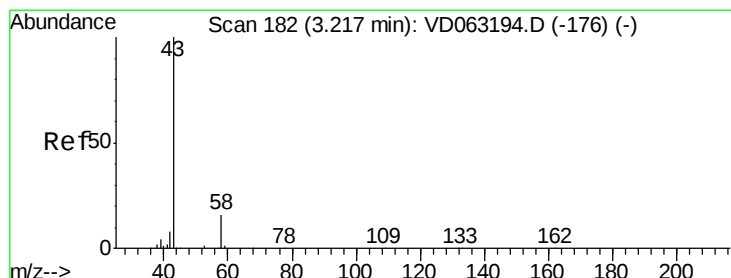
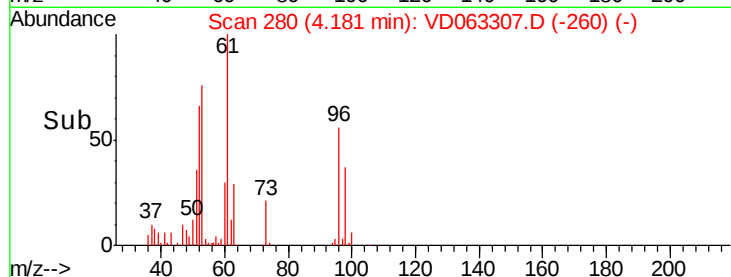
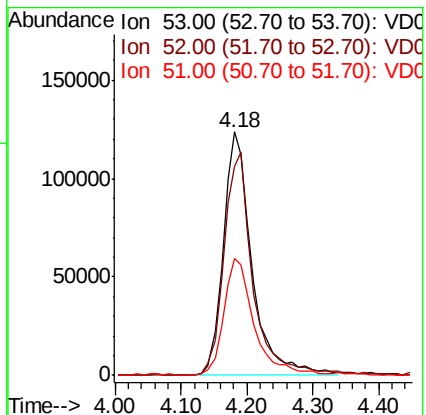
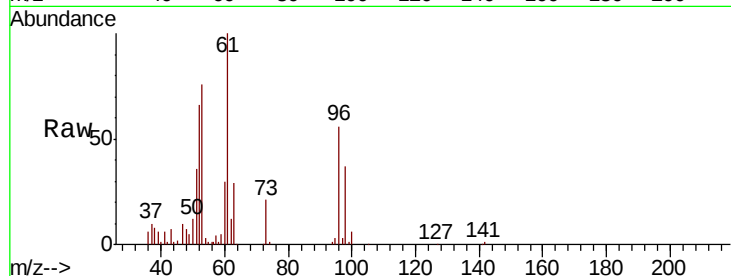
Tgt Ion: 53 Resp: 376166

Ion Ratio Lower Upper

53 100

52 86.1 69.7 104.5

51 47.7 37.4 56.0



#16

Acetone

Concen: 298.830 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063307.D

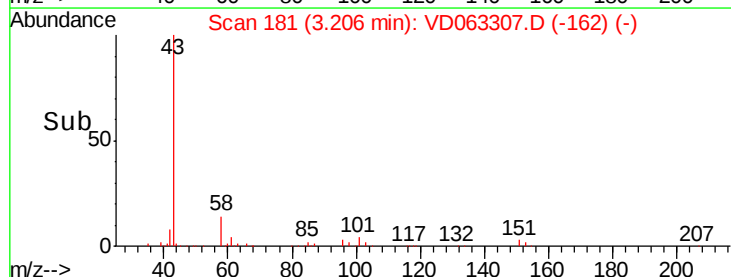
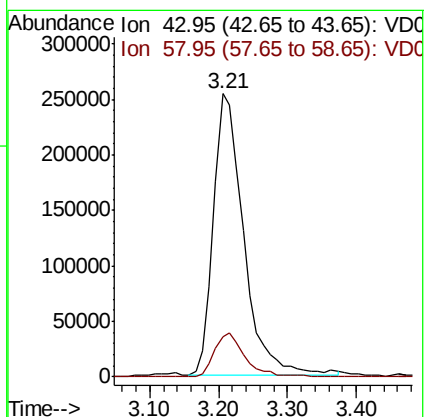
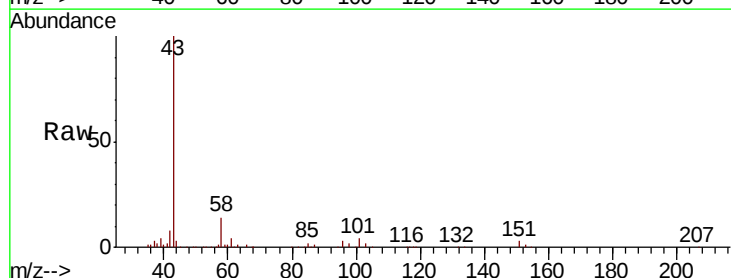
Acq: 2 Aug 2019 10:40

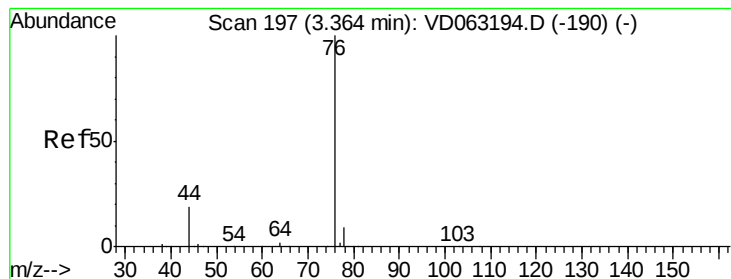
Tgt Ion: 43 Resp: 768636

Ion Ratio Lower Upper

43 100

58 14.1 13.0 19.4





#17

Carbon Disulfide

Concen: 49.740 ug/l

RT: 3.36 min Scan# 197

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

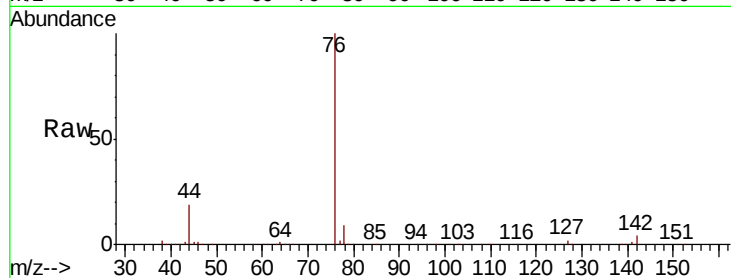
VSTDCCC050

Tgt Ion: 76 Resp: 1536354

Ion Ratio Lower Upper

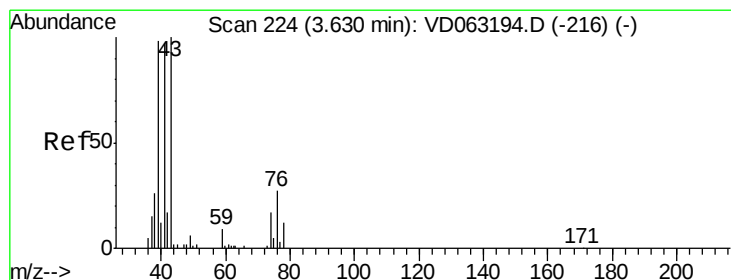
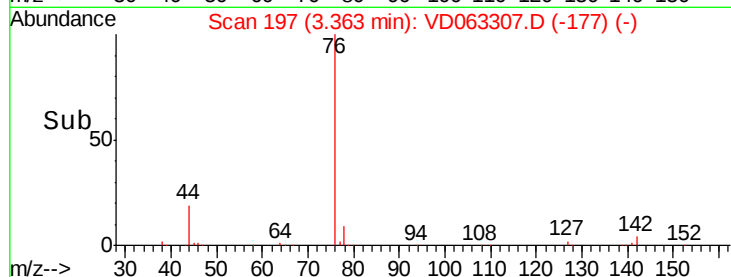
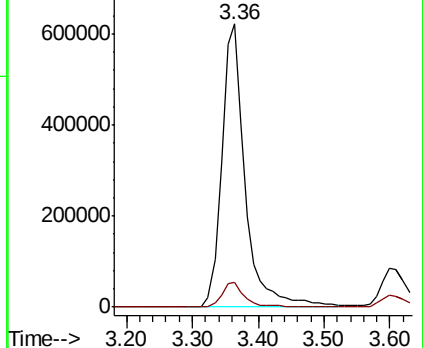
76 100

78 8.8 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 46.570 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD063307.D

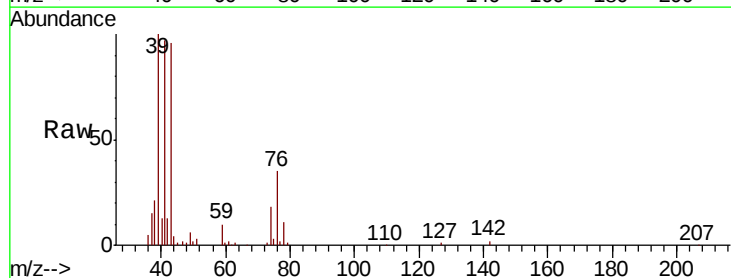
Acq: 2 Aug 2019 10:40

Tgt Ion: 43 Resp: 230086

Ion Ratio Lower Upper

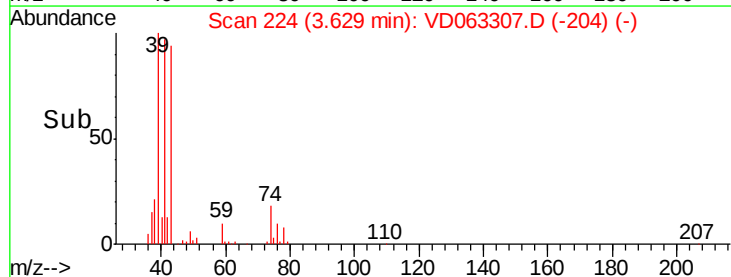
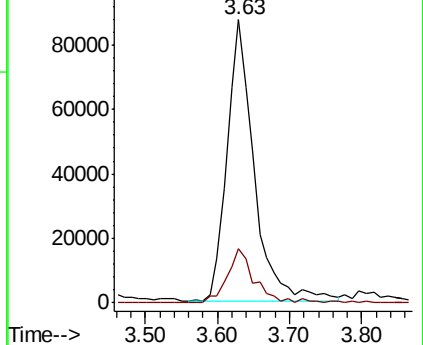
43 100

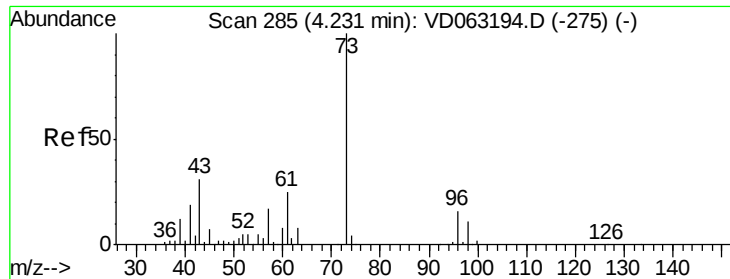
74 19.0 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

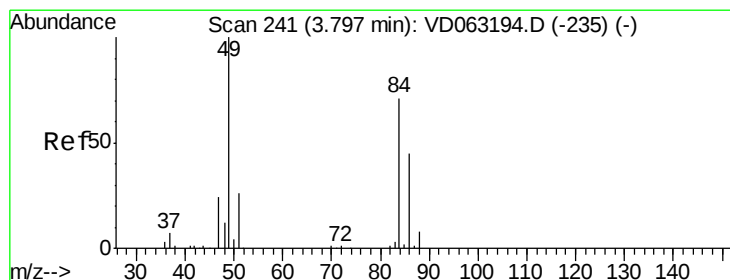
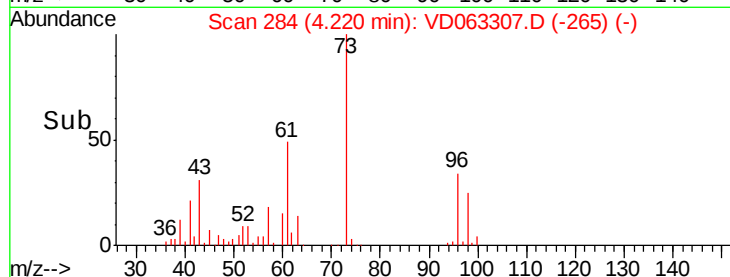
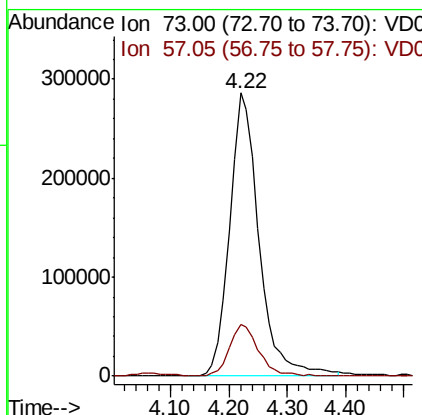
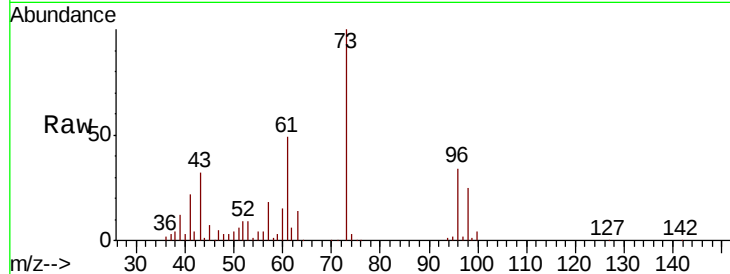




#19
Methyl tert-butyl Ether
Concen: 48.092 ug/l
RT: 4.22 min Scan# 284
Delta R.T. -0.01 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

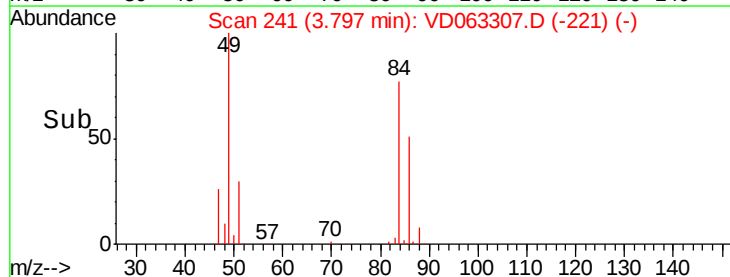
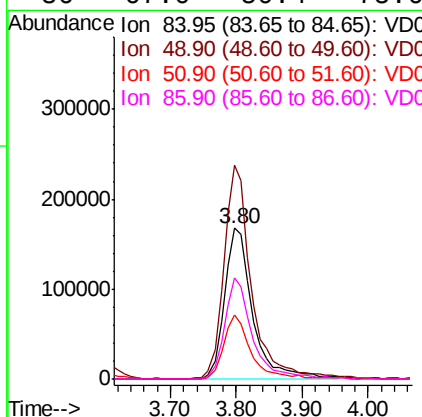
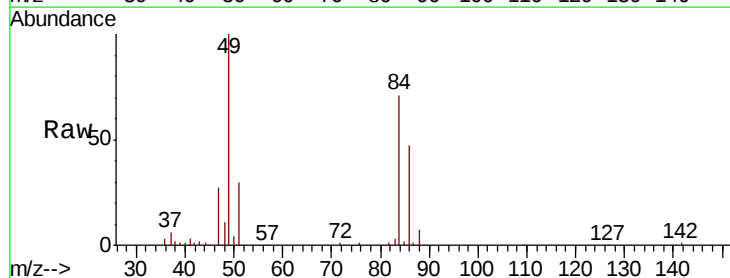
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

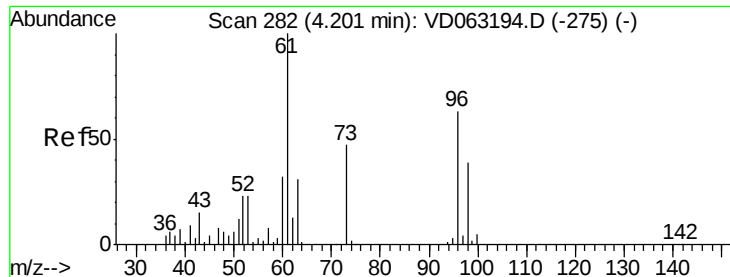
Tgt Ion: 73 Resp: 1002489
Ion Ratio Lower Upper
73 100
57 18.0 13.8 20.6



#20
Methylene Chloride
Concen: 48.431 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 84 Resp: 503529
Ion Ratio Lower Upper
84 100
49 141.8 112.5 168.7
51 42.9 29.6 44.4
86 67.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 52.024 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

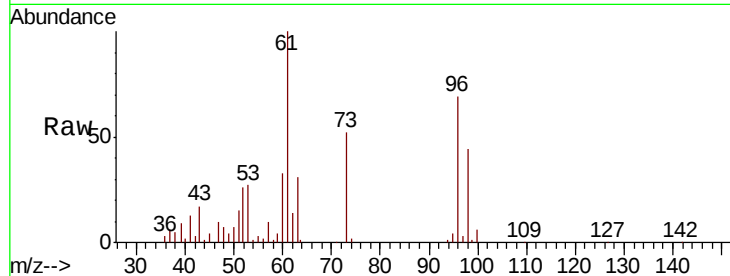
Tgt Ion: 96 Resp: 538672

Ion Ratio Lower Upper

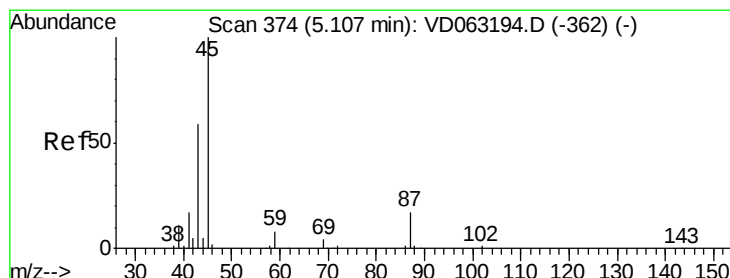
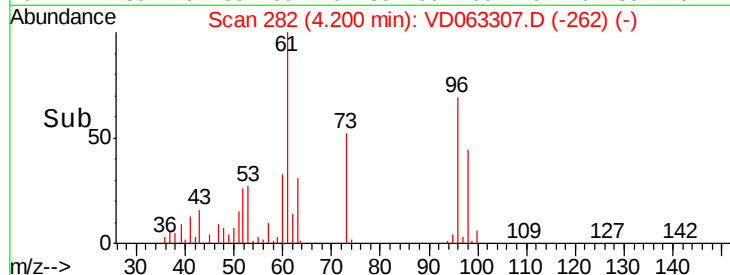
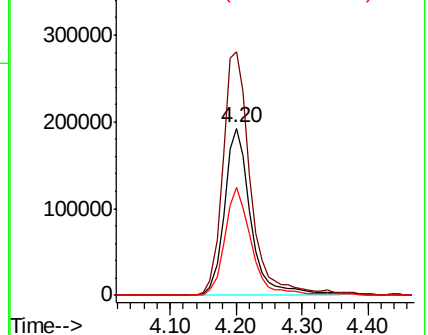
96 100

61 145.8 127.4 191.2

98 64.7 49.3 73.9



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: 51.027 ug/l

RT: 5.11 min Scan# 374

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Tgt Ion: 45 Resp: 1498681

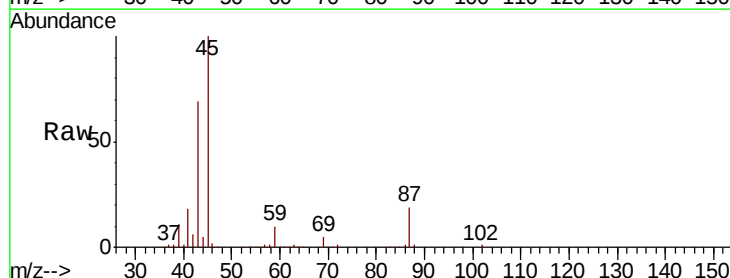
Ion Ratio Lower Upper

45 100

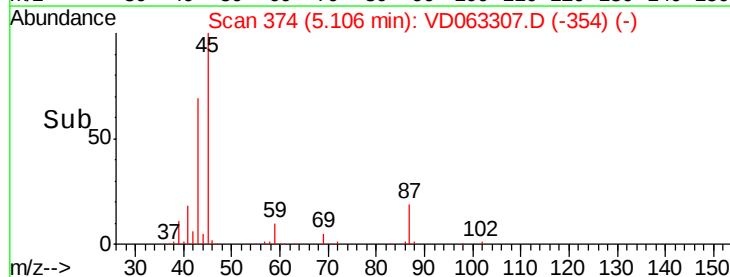
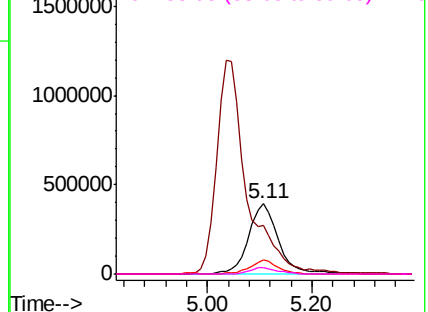
43 69.1 51.7 77.5

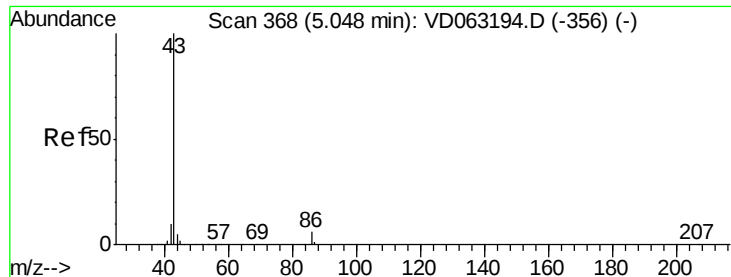
87 19.3 14.6 21.8

59 10.0 6.6 10.0#



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: 262.939 ug/l

RT: 5.04 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

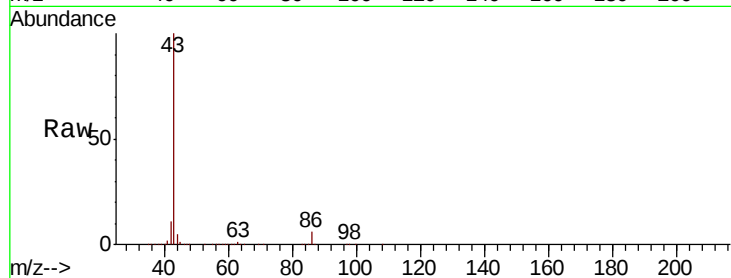
VSTDCCC050

Tgt Ion: 43 Resp: 4747140

Ion Ratio Lower Upper

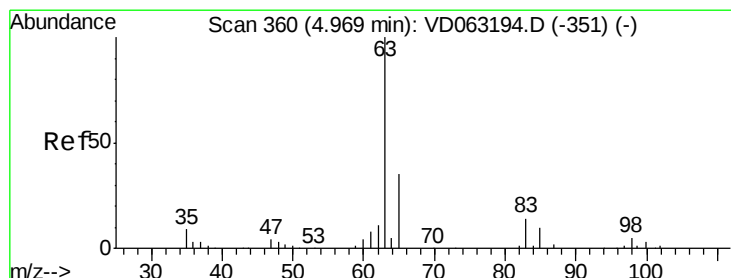
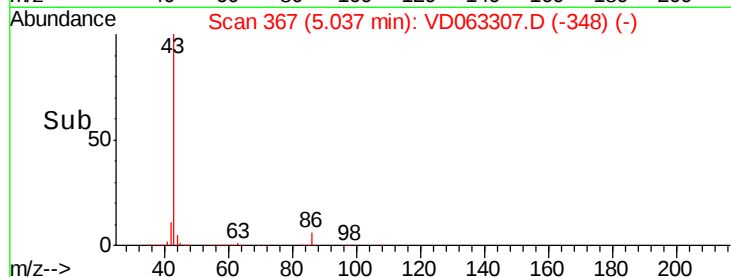
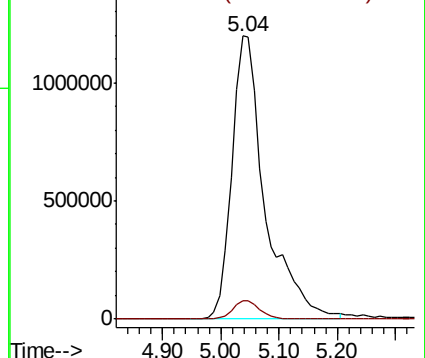
43 100

86 6.4 4.9 7.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.455 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

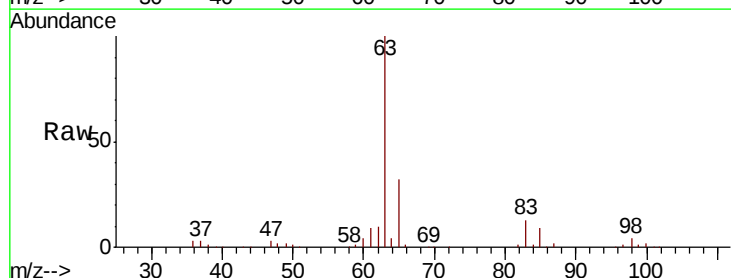
Tgt Ion: 63 Resp: 946565

Ion Ratio Lower Upper

63 100

98 4.5 2.8 8.4

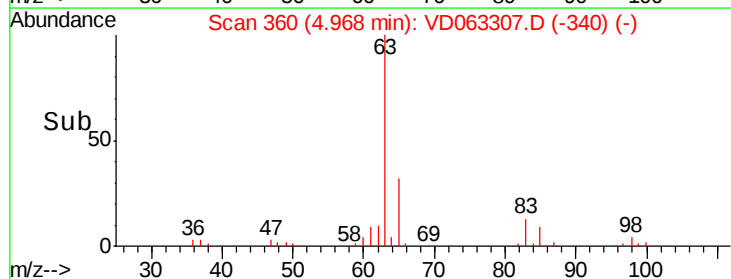
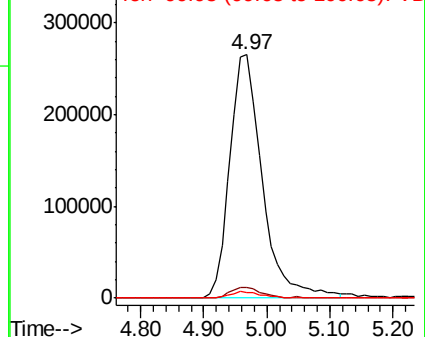
100 2.4 1.3 3.9

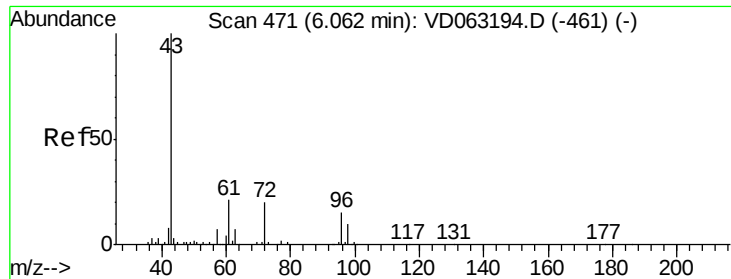


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 253.518 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.01 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

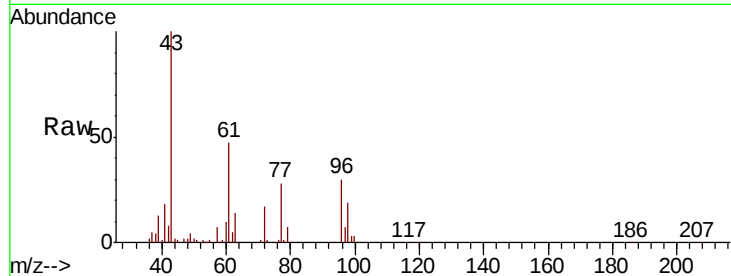
VSTDCCC050

Tgt Ion: 43 Resp: 654424

Ion Ratio Lower Upper

43 100

72 17.4 16.3 24.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

250000

200000

150000

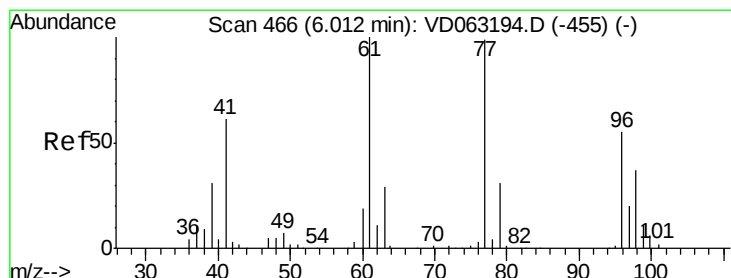
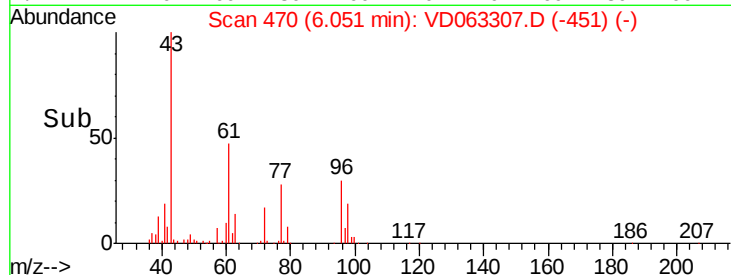
100000

50000

0

6.05

Time-->



#26

2,2-Dichloropropane

Concen: 53.908 ug/l

RT: 6.00 min Scan# 465

Delta R.T. -0.01 min

Lab File: VD063307.D

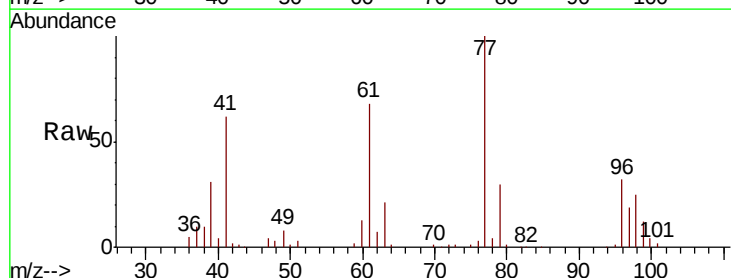
Acq: 2 Aug 2019 10:40

Tgt Ion: 77 Resp: 1042237

Ion Ratio Lower Upper

77 100

97 18.6 10.2 30.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

300000

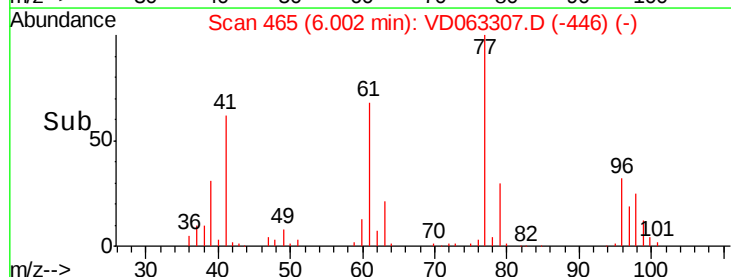
200000

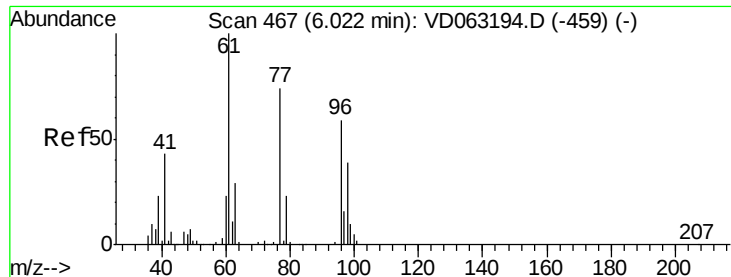
100000

0

6.00

Time-->



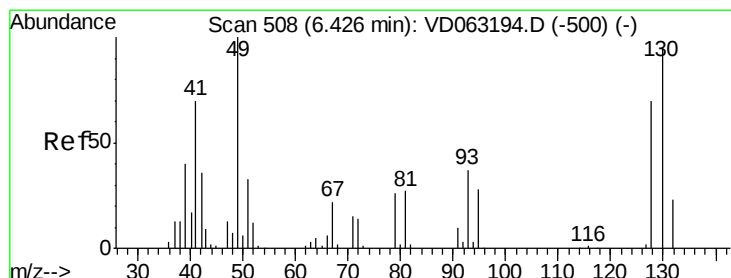
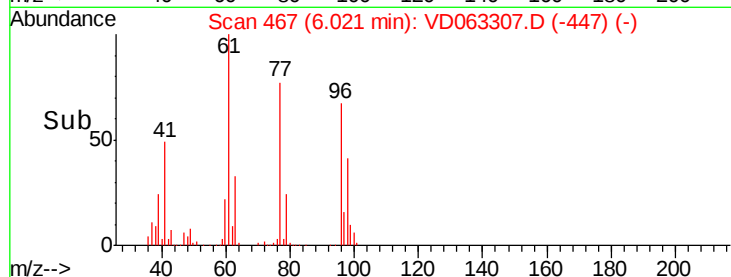
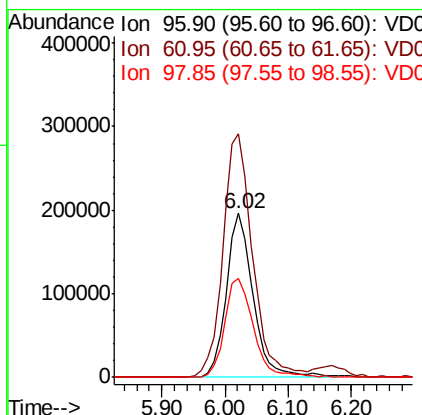
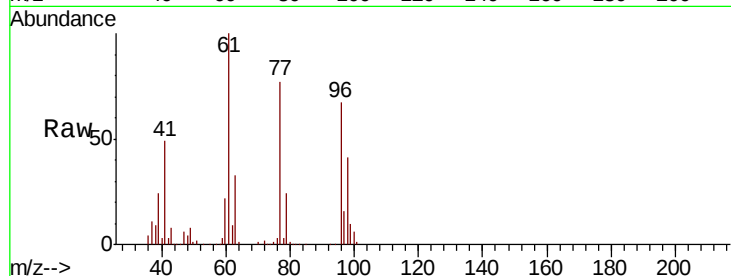


#27

cis-1,2-Dichloroethene
Concen: 52.006 ug/l
RT: 6.02 min Scan# 467
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

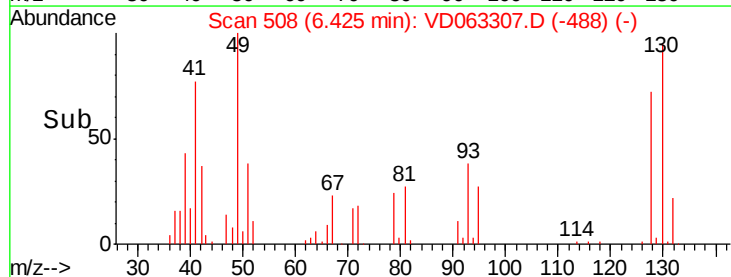
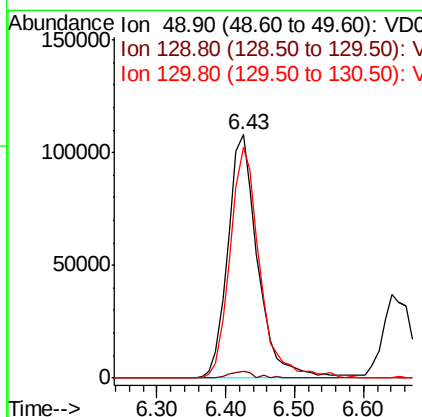
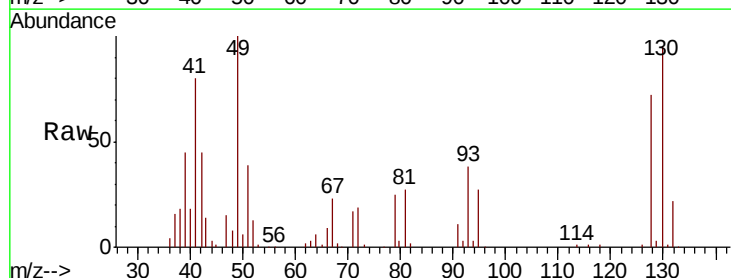
Tgt Ion: 96 Resp: 577340
Ion Ratio Lower Upper
96 100
61 148.7 0.0 337.2
98 60.5 0.0 130.6

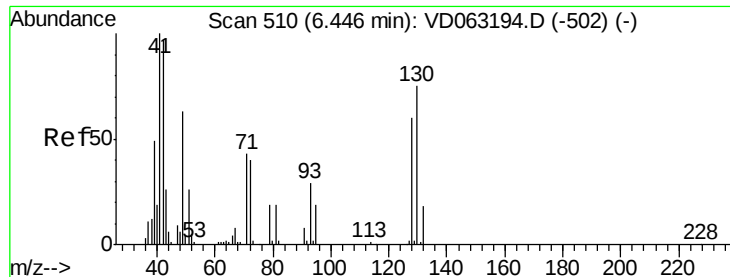


#28

Bromochloromethane
Concen: 43.284 ug/l
RT: 6.43 min Scan# 508
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 49 Resp: 323535
Ion Ratio Lower Upper
49 100
129 2.6 0.0 0.0#
130 94.7 75.7 113.5

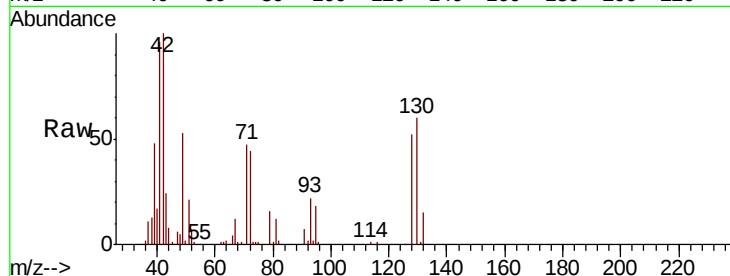




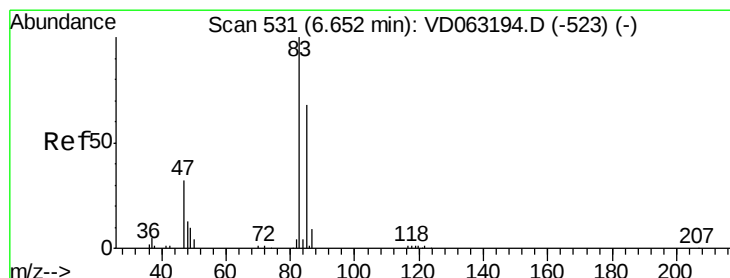
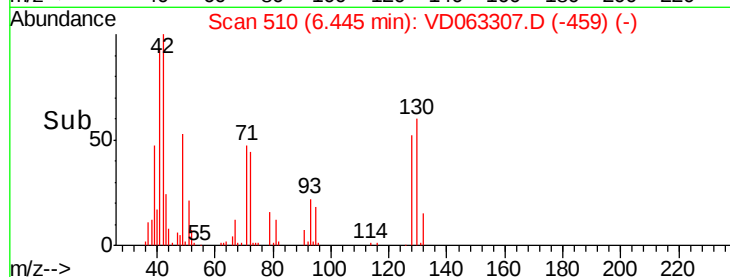
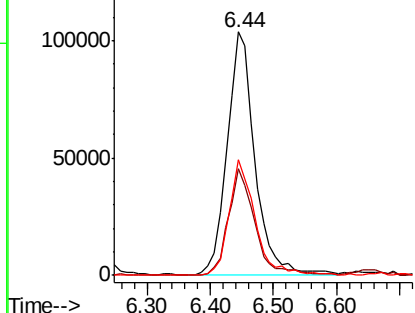
#29
Tetrahydrofuran
Concen: 259.187 ug/l
RT: 6.44 min Scan# 510
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 316765
Ion Ratio Lower Upper
42 100
72 41.3 33.4 50.2
71 44.1 35.7 53.5

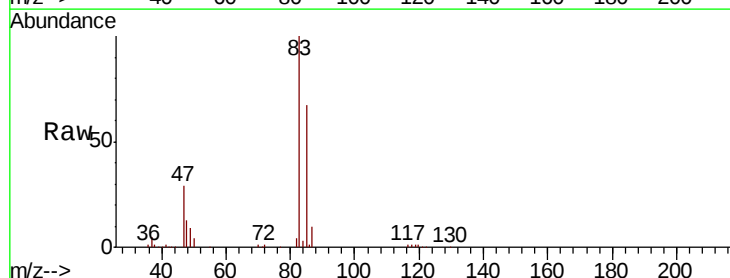


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

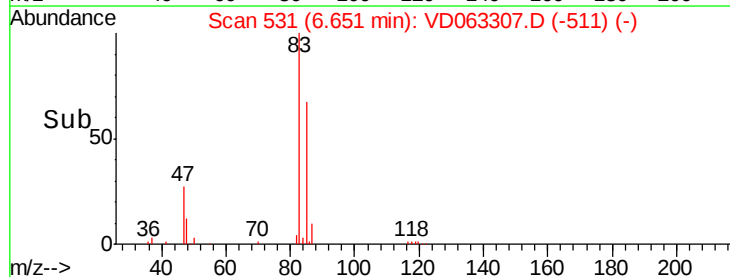
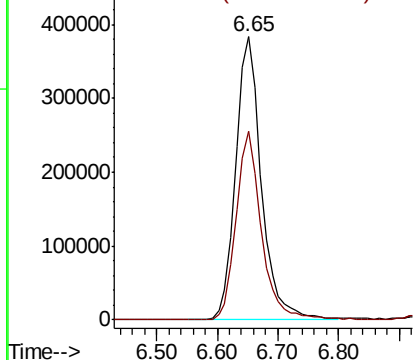


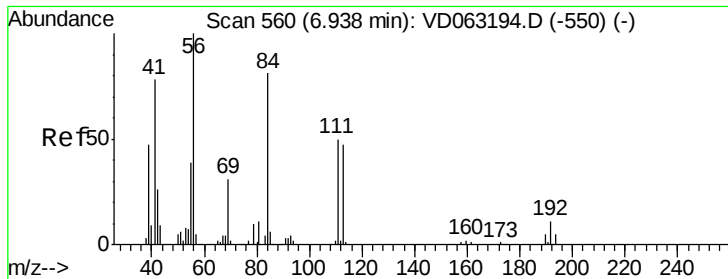
#30
Chloroform
Concen: 48.758 ug/l
RT: 6.65 min Scan# 531
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 83 Resp: 1135189
Ion Ratio Lower Upper
83 100
85 66.8 54.2 81.4



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

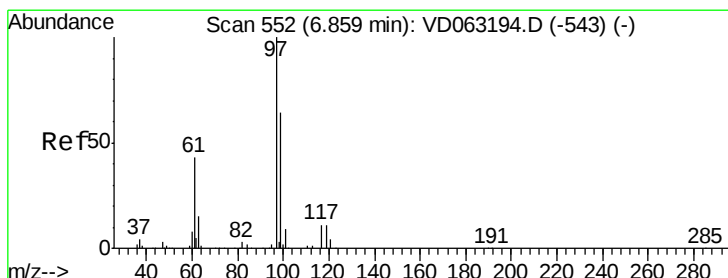
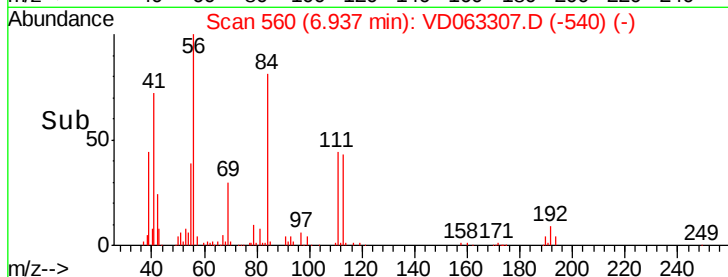
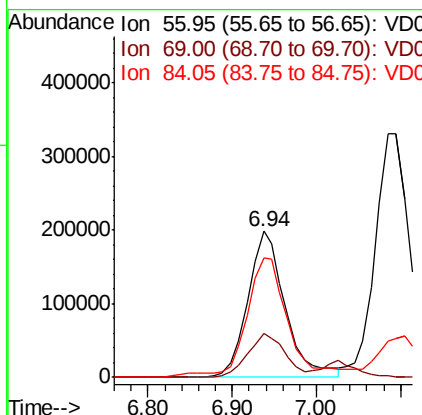
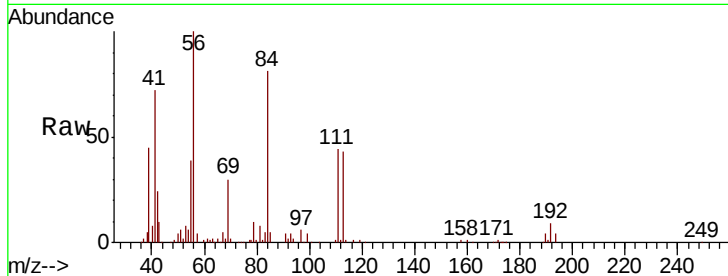




#31
Cyclohexane
Concen: 52.588 ug/l
RT: 6.94 min Scan# 560
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

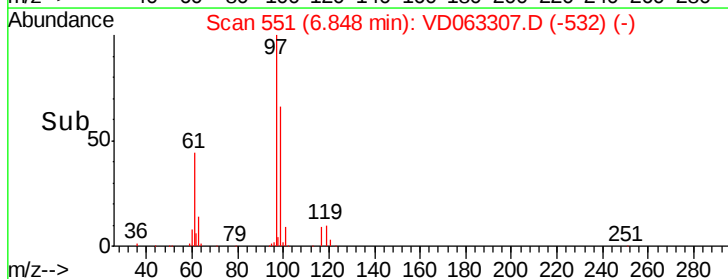
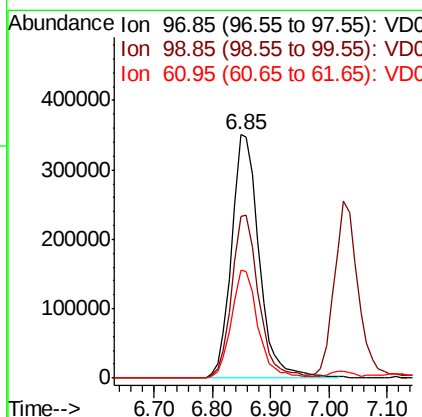
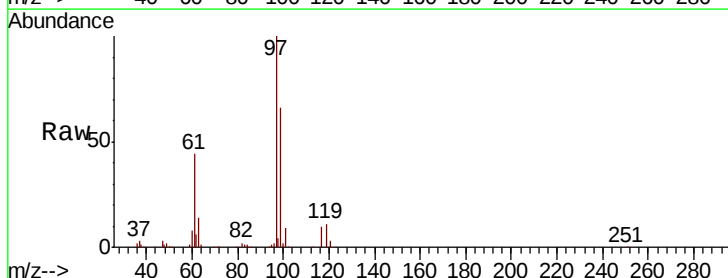
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

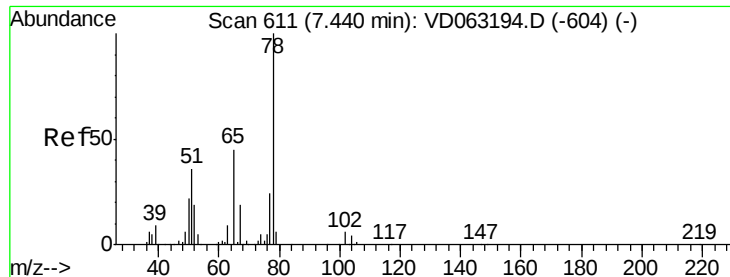
Tgt Ion: 56 Resp: 618400
Ion Ratio Lower Upper
56 100
69 30.4 24.5 36.7
84 81.4 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 51.355 ug/l
RT: 6.85 min Scan# 551
Delta R.T. -0.01 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 97 Resp: 1156508
Ion Ratio Lower Upper
97 100
99 66.4 51.2 76.8
61 44.4 34.2 51.2

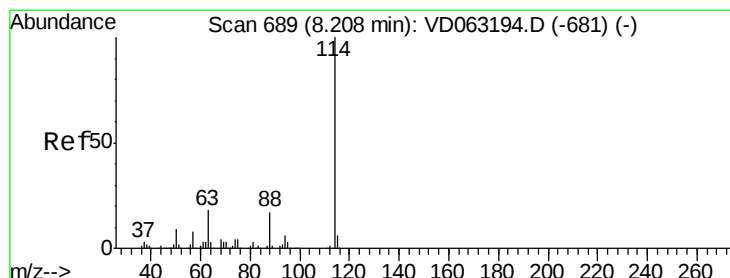
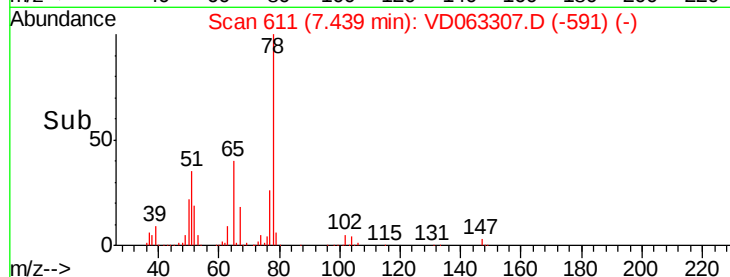
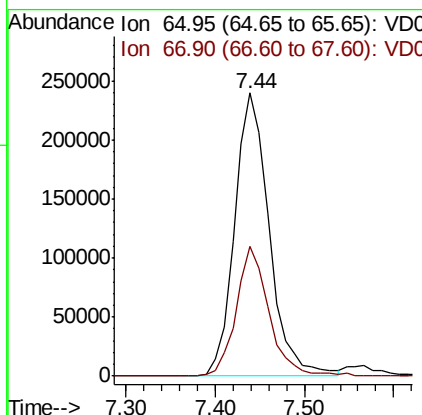
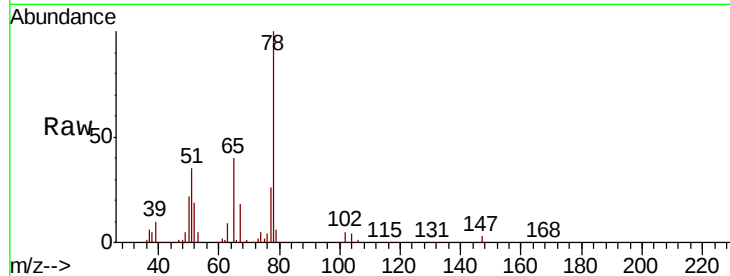




#33
 1,2-Dichloroethane-d4
 Concen: 49.018 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

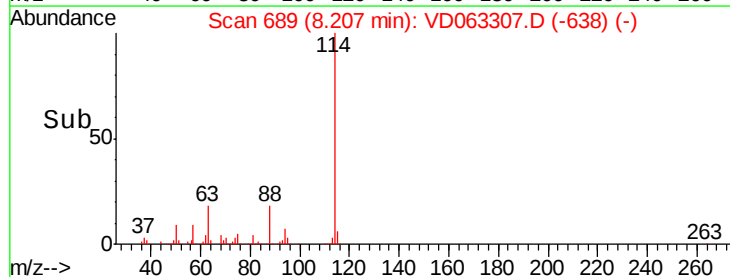
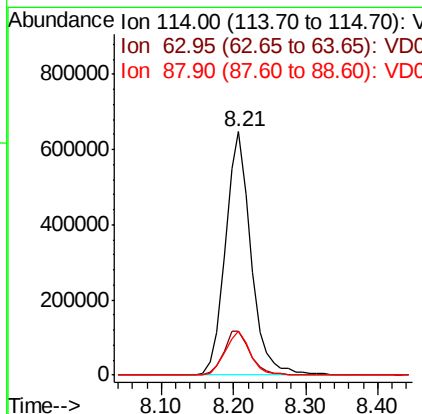
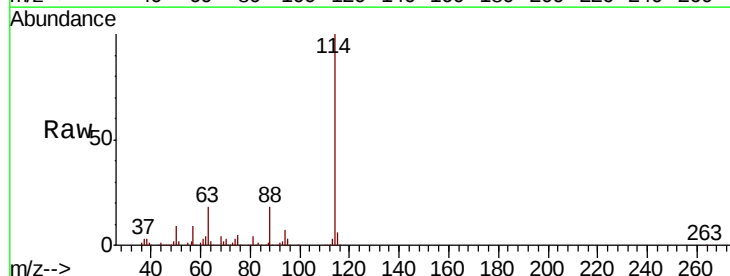
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

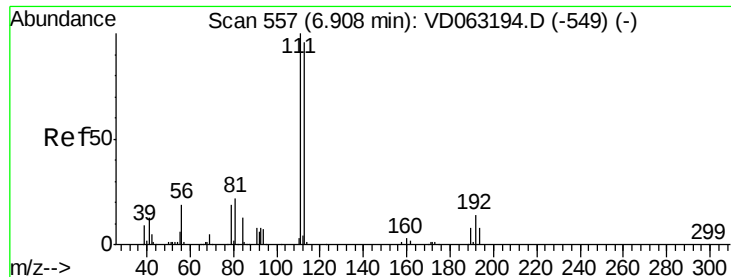
Tgt Ion: 65 Resp: 647111
 Ion Ratio Lower Upper
 65 100
 67 45.7 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion: 114 Resp: 1590590
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 17.8 0.0 34.6

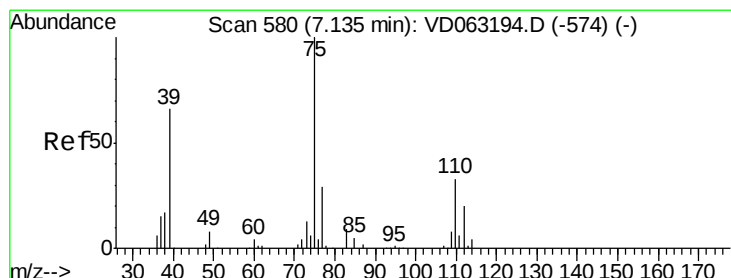
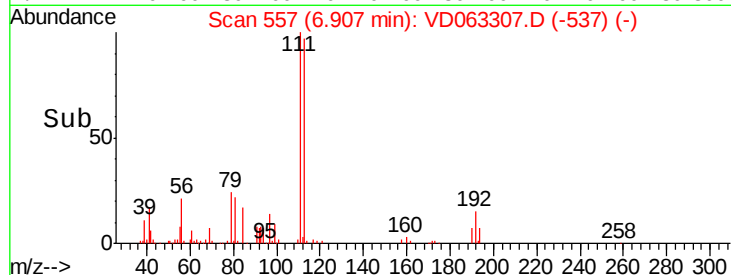
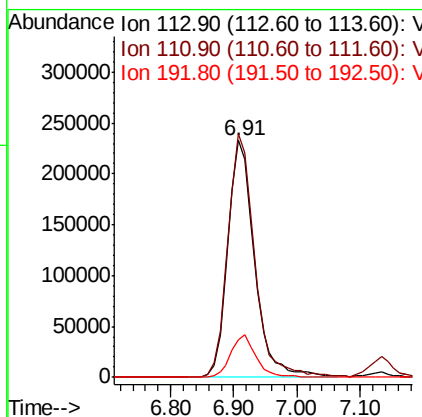
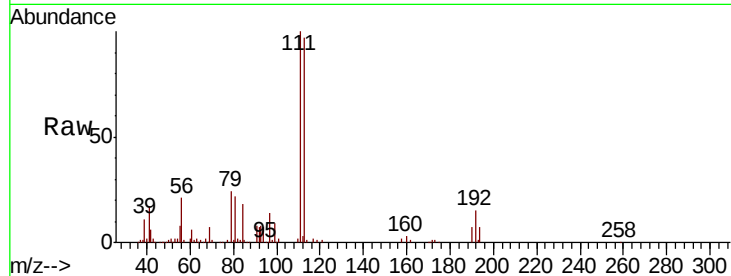




#35
 Dibromofluoromethane
 Concen: 50.050 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

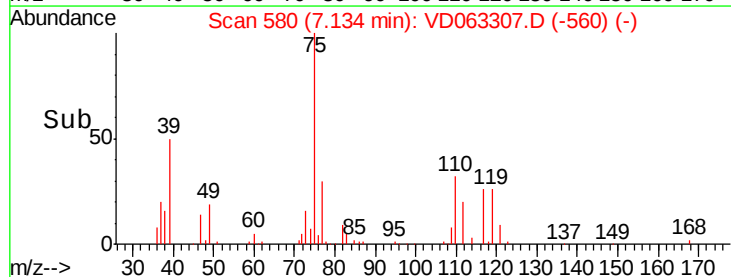
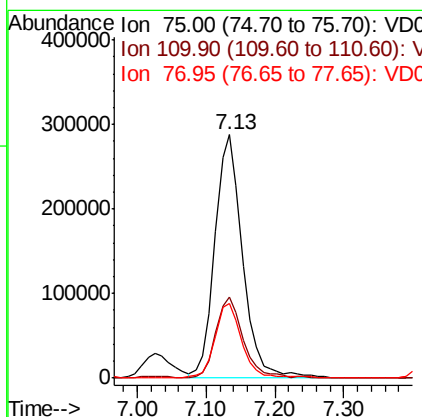
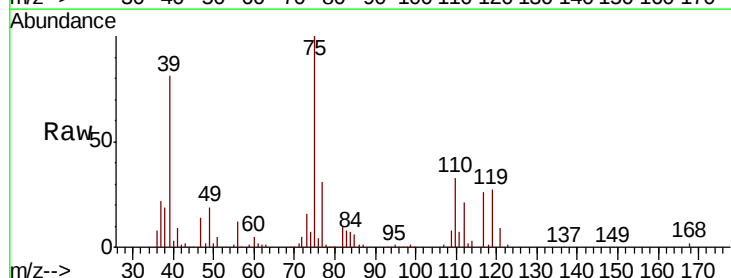
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

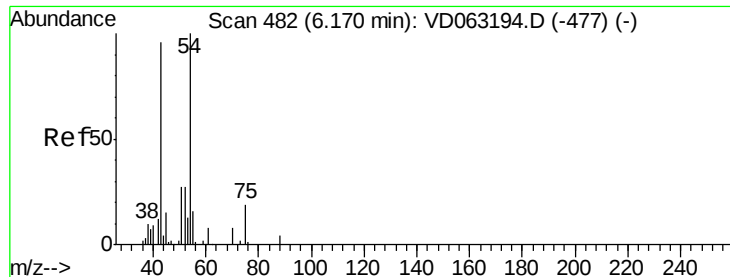
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	15.7	11.8	17.8



#36
 1,1-Dichloropropene
 Concen: 54.718 ug/l
 RT: 7.13 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.1	48.2
77	30.7	22.7	34.1

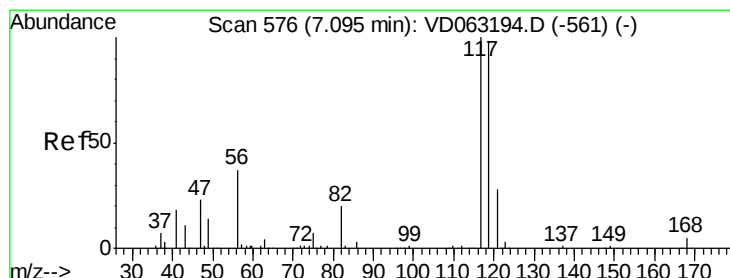
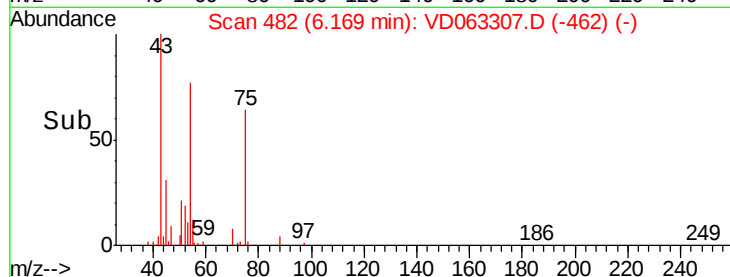
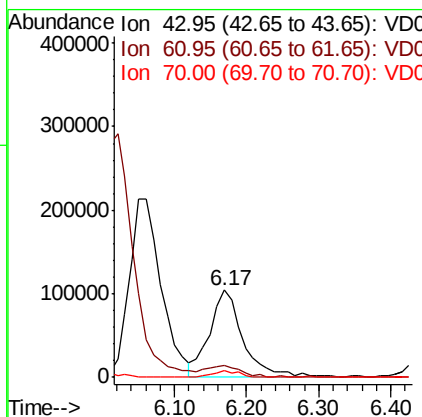
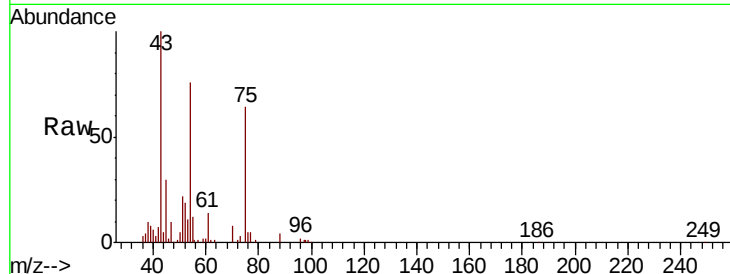




#37
Ethyl Acetate
Concen: 49.364 ug/l
RT: 6.17 min Scan# 482
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

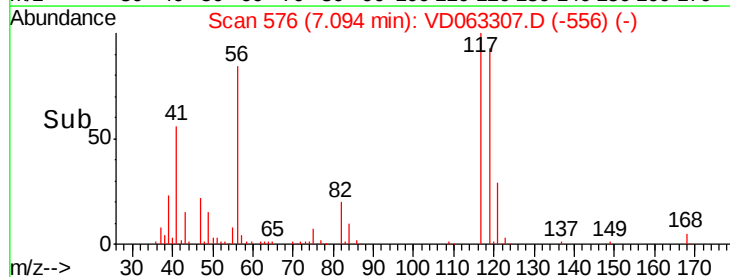
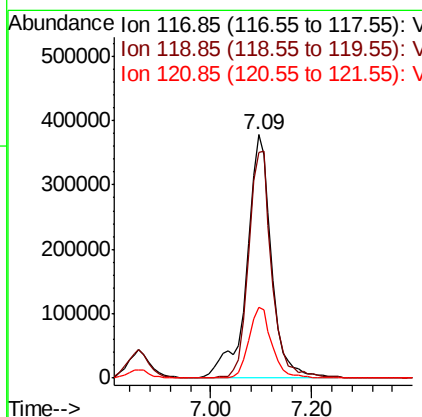
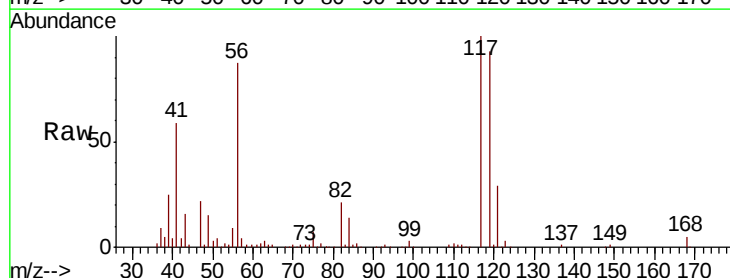
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

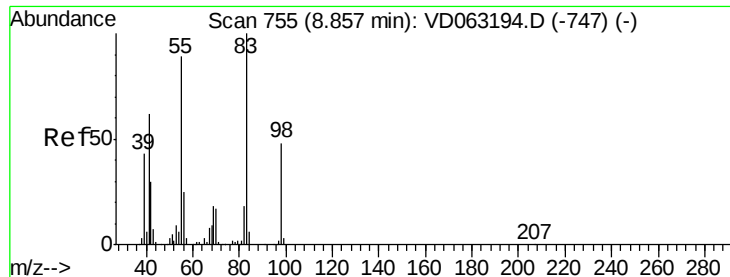
Tgt Ion: 43 Resp: 321932
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 7.7 5.1 7.7#



#38
Carbon Tetrachloride
Concen: 59.254 ug/l
RT: 7.09 min Scan# 576
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 117 Resp: 1294900
Ion Ratio Lower Upper
117 100
119 92.6 78.2 117.2
121 29.2 22.1 33.1

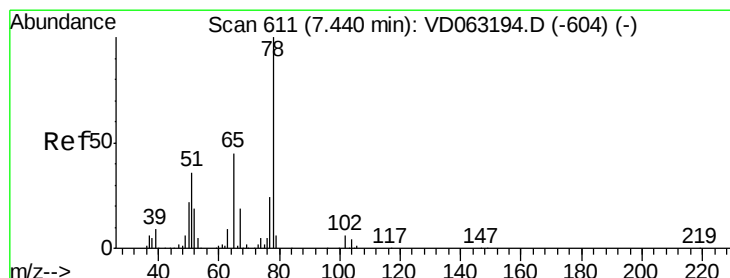
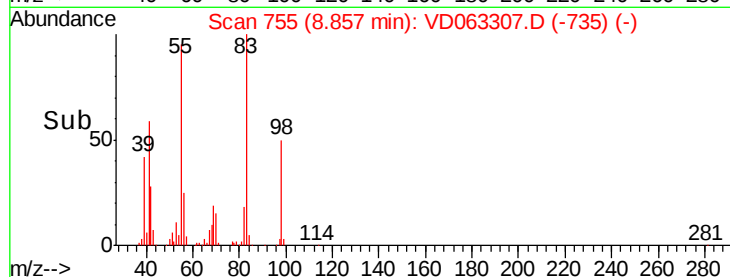
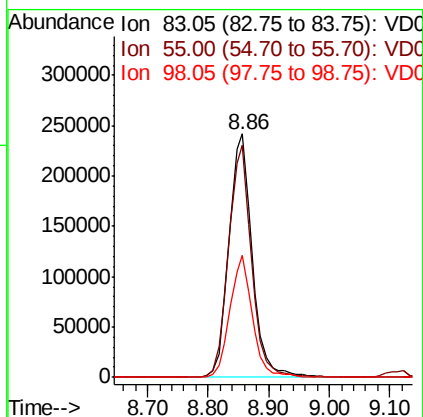
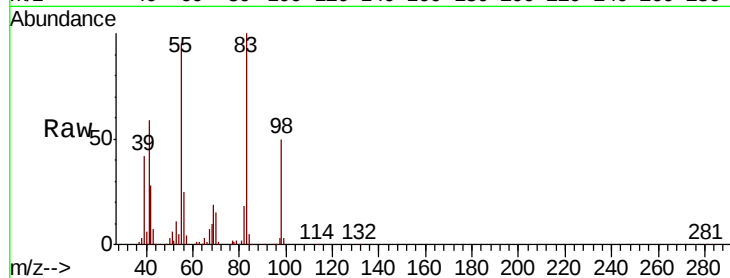




#39
Methylcyclohexane
Concen: 53.168 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

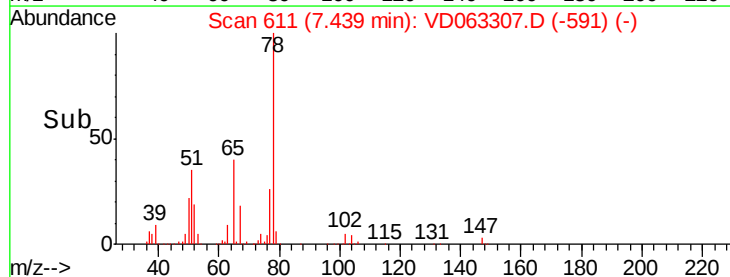
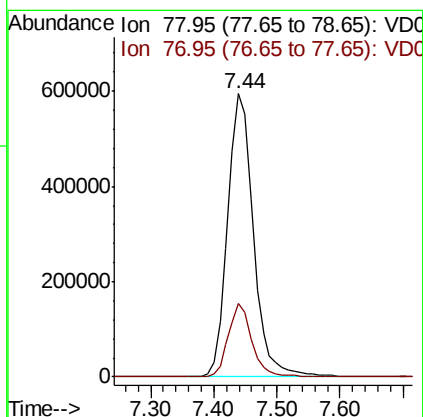
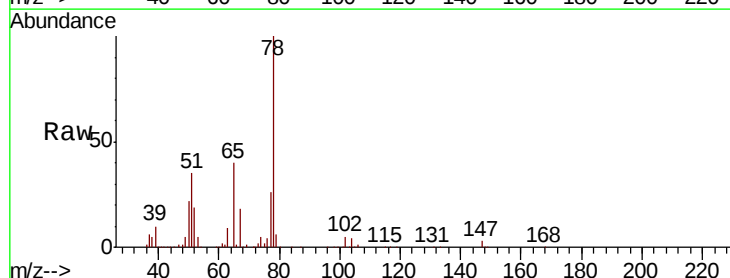
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

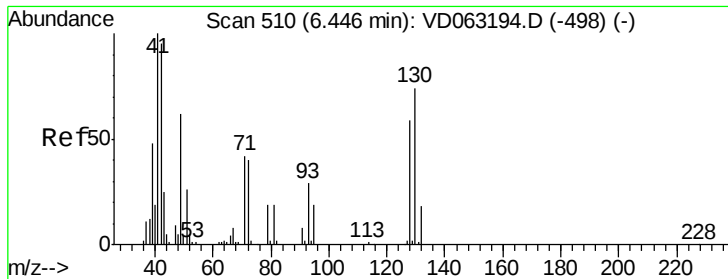
Tgt Ion: 83 Resp: 643030
Ion Ratio Lower Upper
83 100
55 95.3 71.1 106.7
98 50.2 38.5 57.7



#40
Benzene
Concen: 55.142 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 78 Resp: 1677604
Ion Ratio Lower Upper
78 100
77 25.8 19.4 29.2





#41

Methacrylonitrile

Concen: 52.485 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 409439

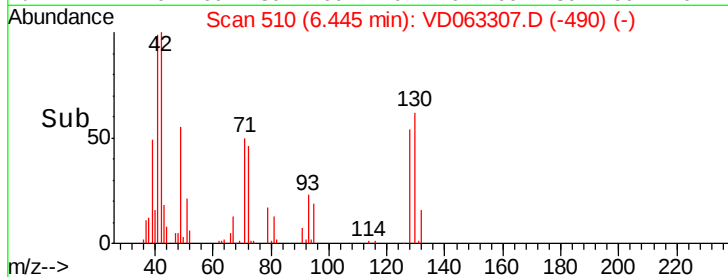
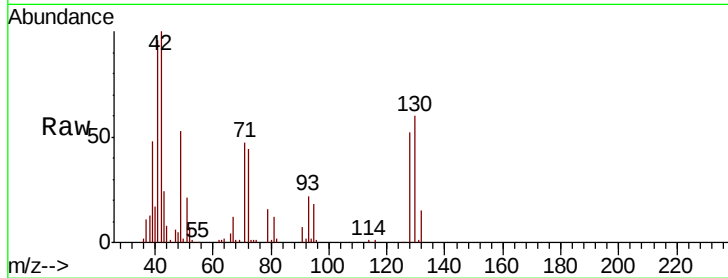
Ion Ratio Lower Upper

41 100

39 50.5 38.4 57.6

67 12.6 6.7 10.1#

52 7.5 4.3 6.5#

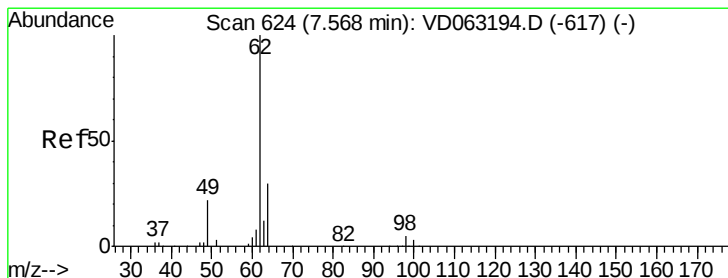
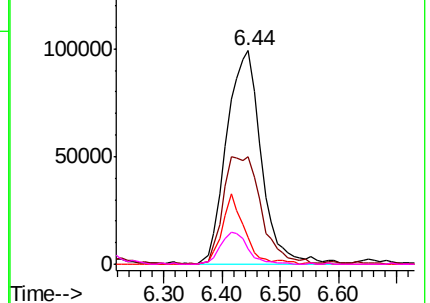


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 50.141 ug/l

RT: 7.57 min Scan# 624

Delta R.T. -0.00 min

Lab File: VD063307.D

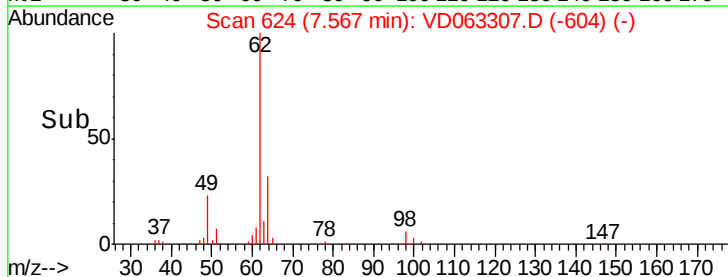
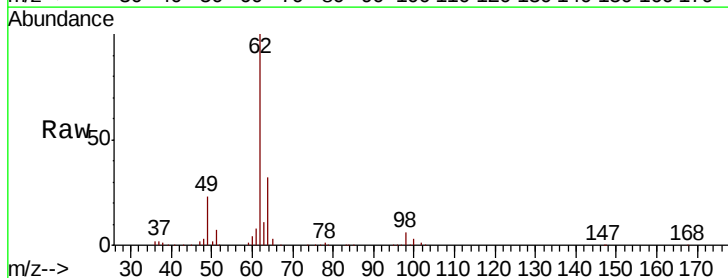
Acq: 2 Aug 2019 10:40

Tgt Ion: 62 Resp: 808459

Ion Ratio Lower Upper

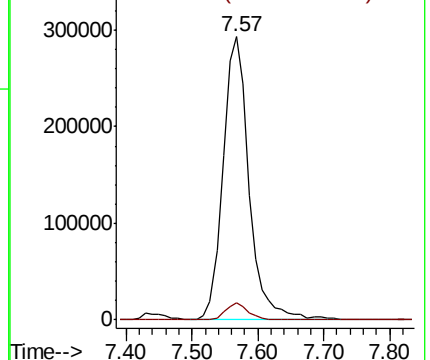
62 100

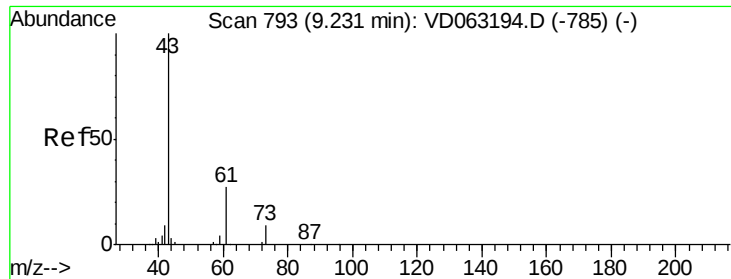
98 6.2 0.0 9.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

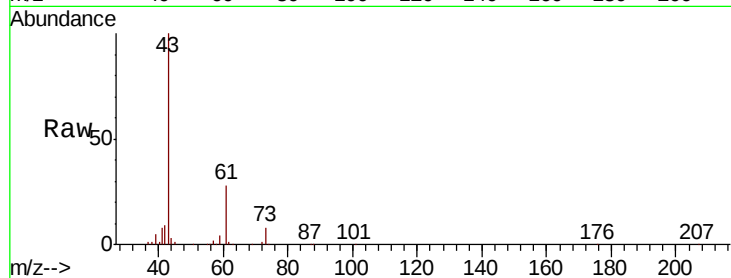




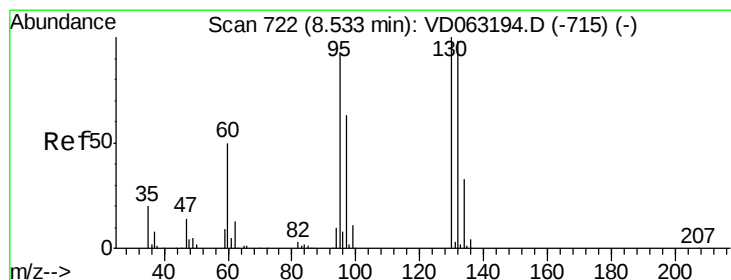
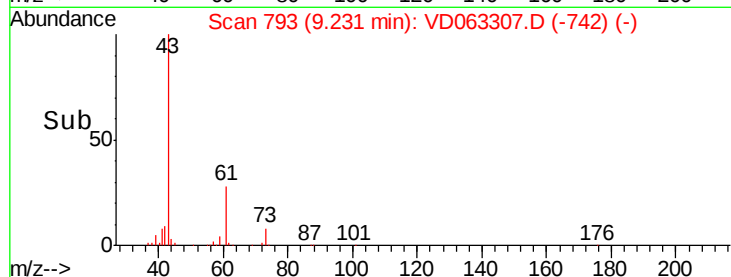
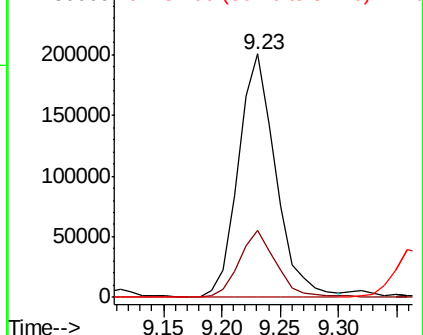
#43
Isopropyl Acetate
Concen: 53.350 ug/l
RT: 9.23 min Scan# 793
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 444435
Ion Ratio Lower Upper
43 100
61 27.7 21.4 32.0
87 0.3 0.2 0.4

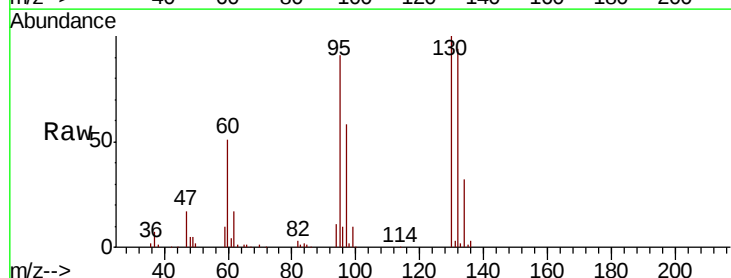


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

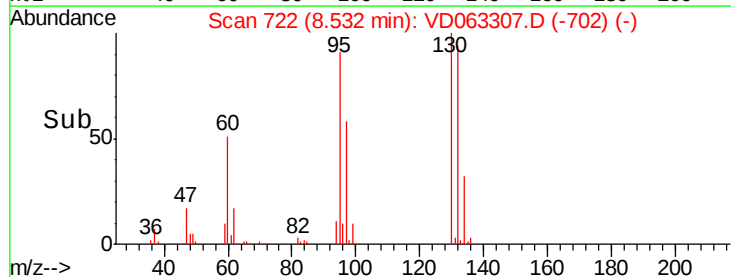
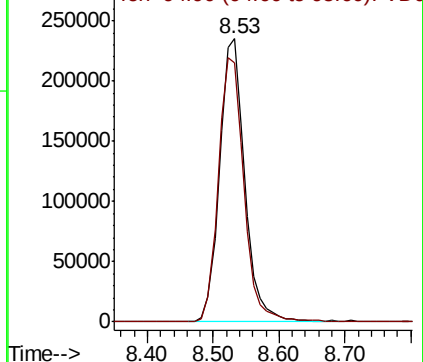


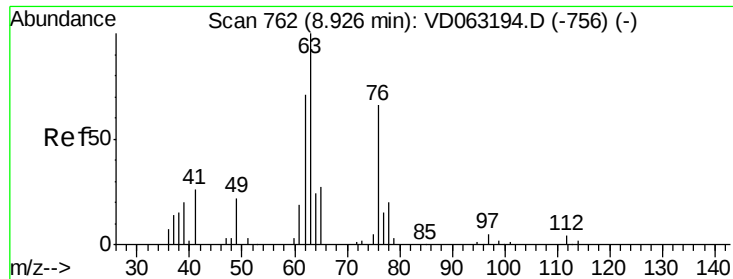
#44
Trichloroethene
Concen: 50.861 ug/l
RT: 8.53 min Scan# 722
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 130 Resp: 627005
Ion Ratio Lower Upper
130 100
95 91.5 0.0 185.4



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

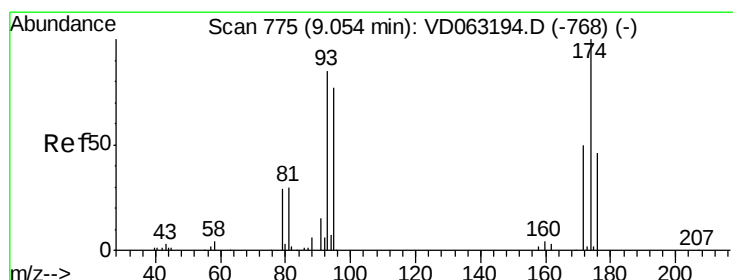
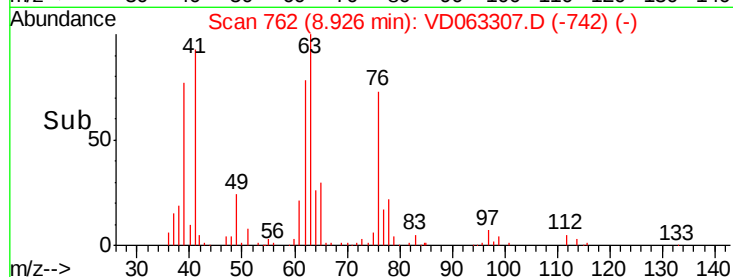
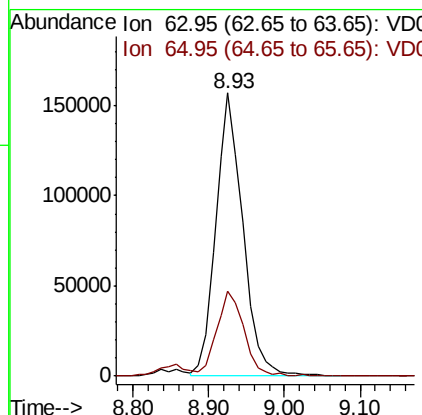
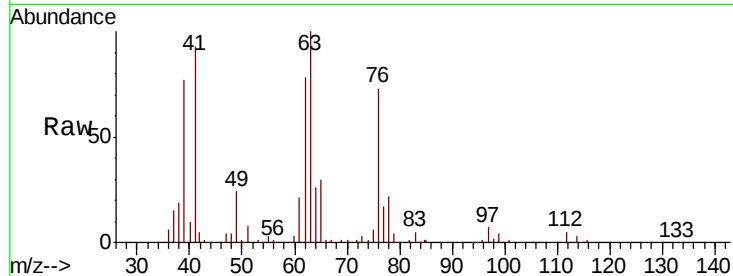




#45
 1,2-Dichloropropane
 Concen: 50.554 ug/l
 RT: 8.93 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

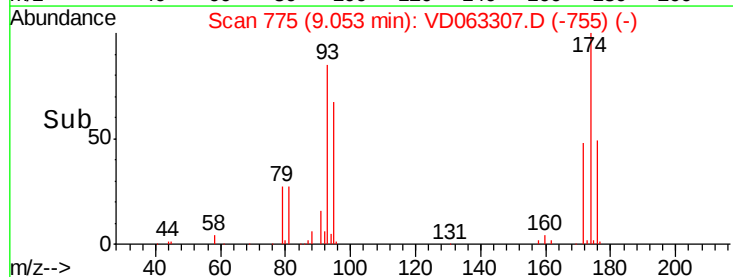
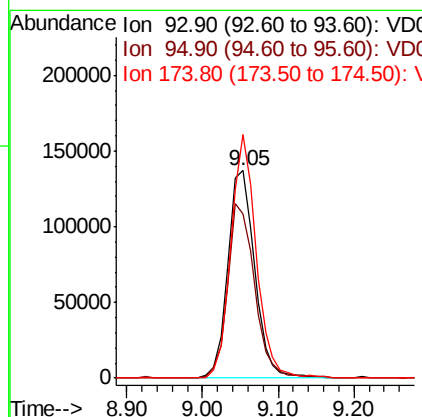
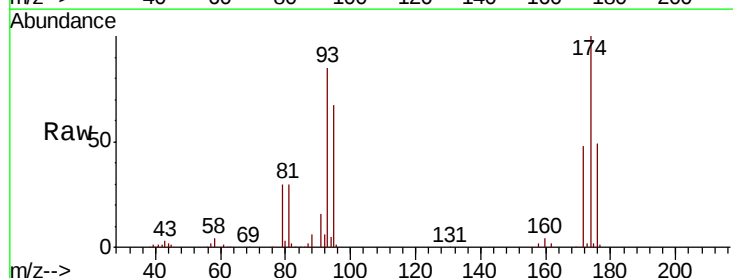
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

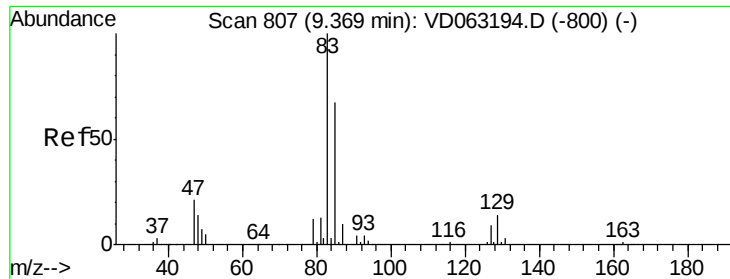
Tgt Ion: 63 Resp: 390922
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.6 35.4



#46
 Dibromomethane
 Concen: 52.408 ug/l
 RT: 9.05 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion: 93 Resp: 336968
 Ion Ratio Lower Upper
 93 100
 95 79.0 72.8 109.2
 174 117.3 94.4 141.6





#47

Bromodichloromethane

Concen: 54.821 ug/l

RT: 9.36 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

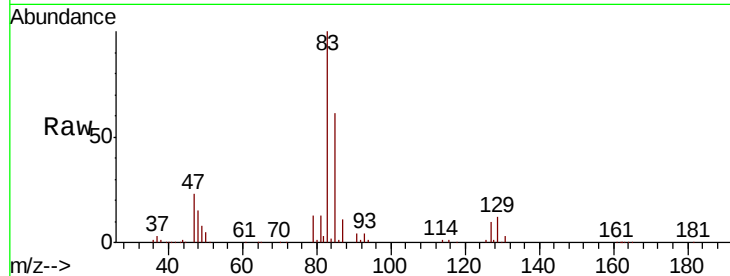
Tgt Ion: 83 Resp: 898508

Ion Ratio Lower Upper

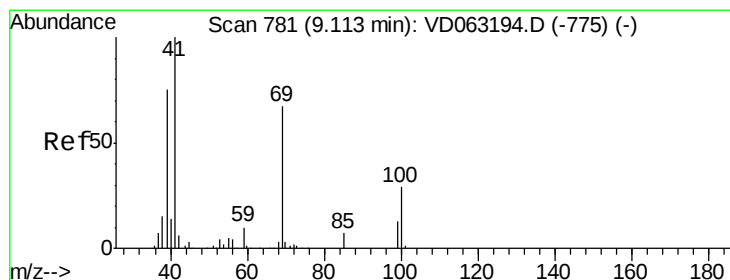
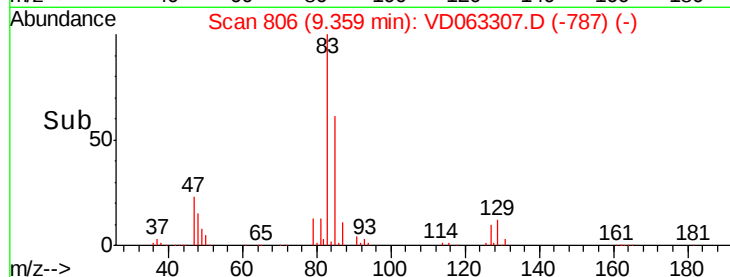
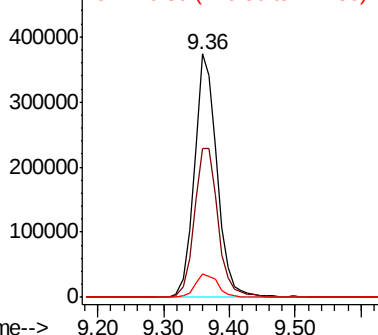
83 100

85 61.4 53.6 80.4

127 9.6 7.2 10.8



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: 50.380 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

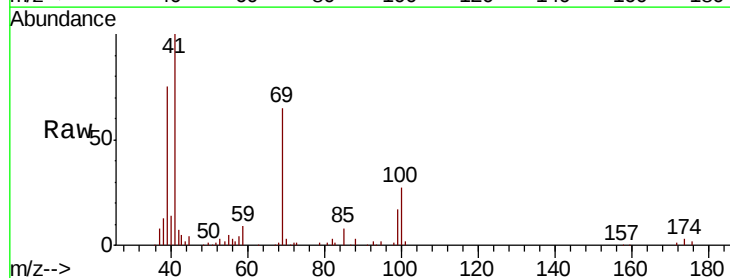
Tgt Ion: 41 Resp: 272197

Ion Ratio Lower Upper

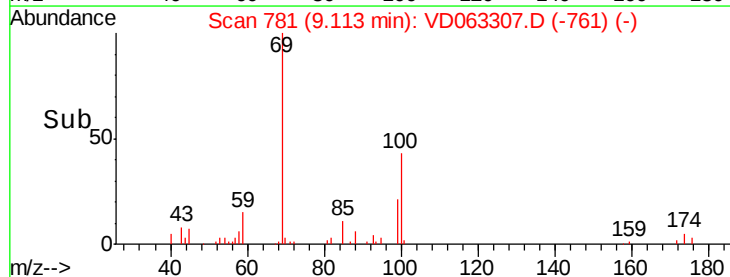
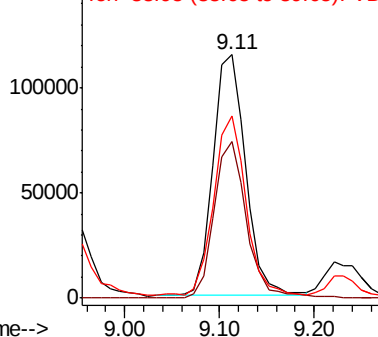
41 100

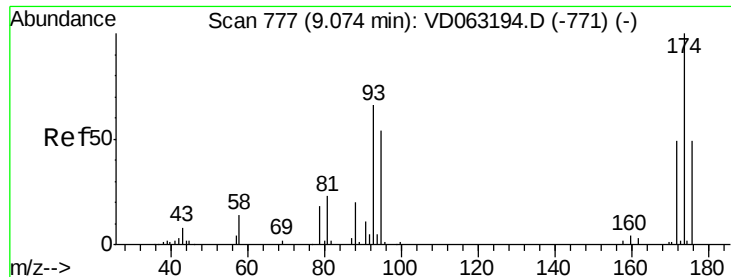
69 64.5 53.4 80.0

39 74.6 60.3 90.5



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

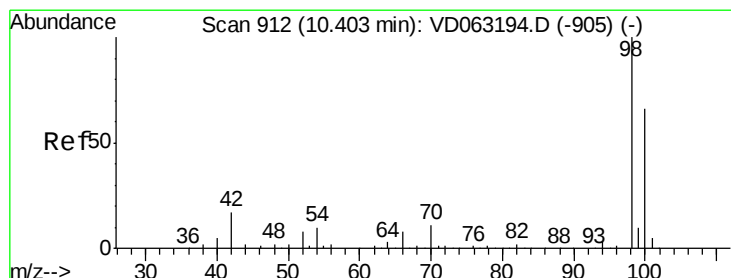
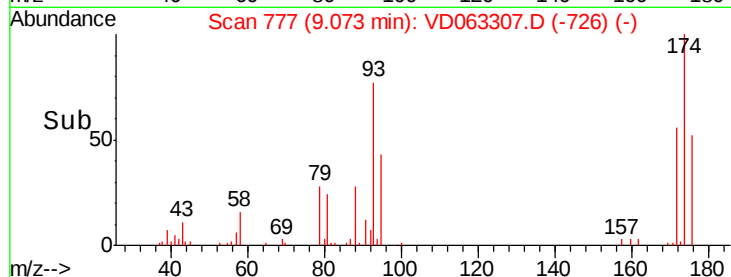
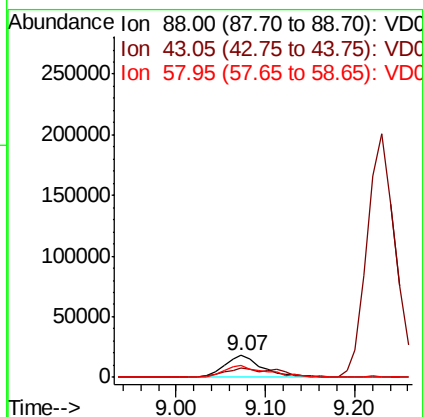
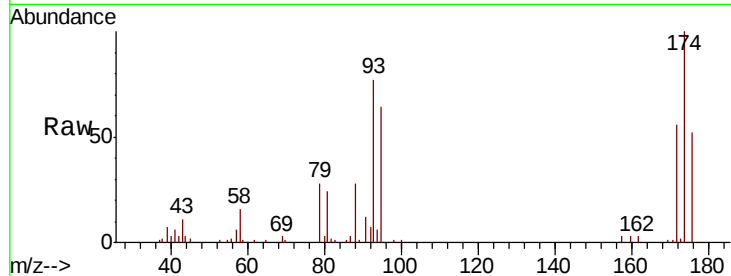




#49
1,4-Dioxane
Concen: 1193.079 ug/l
RT: 9.07 min Scan# 777
Delta R.T. 0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

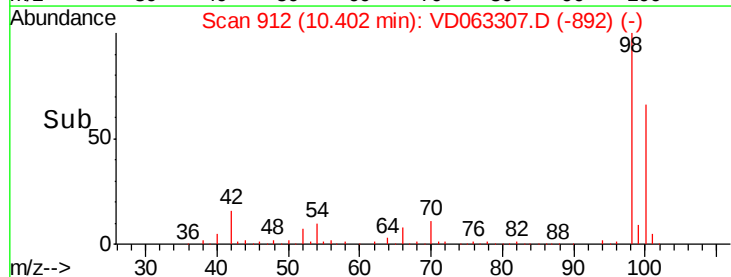
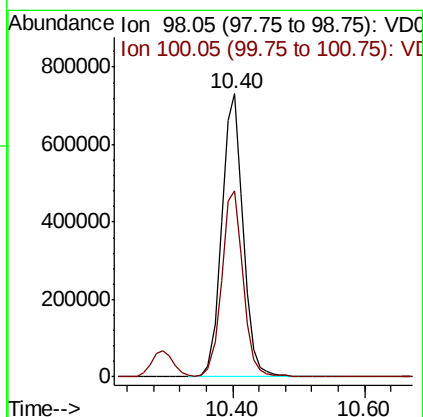
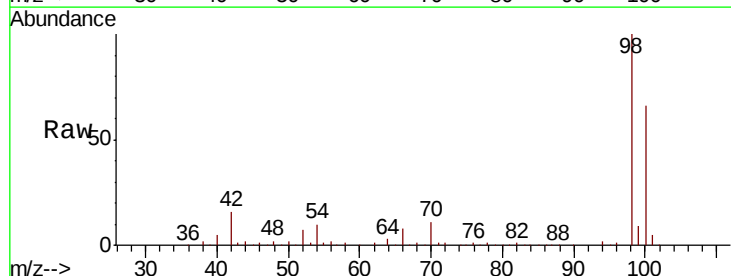
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

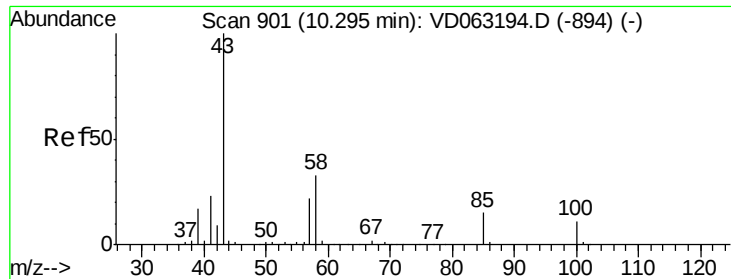
Tgt Ion: 88 Resp: 54569
Ion Ratio Lower Upper
88 100
43 41.7 30.7 46.1
58 57.0 56.5 84.7



#50
Toluene-d8
Concen: 54.287 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 98 Resp: 1649920
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8

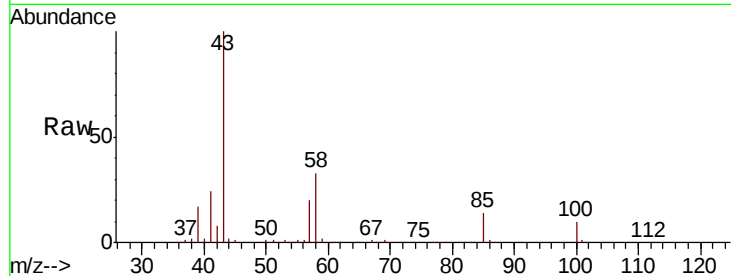




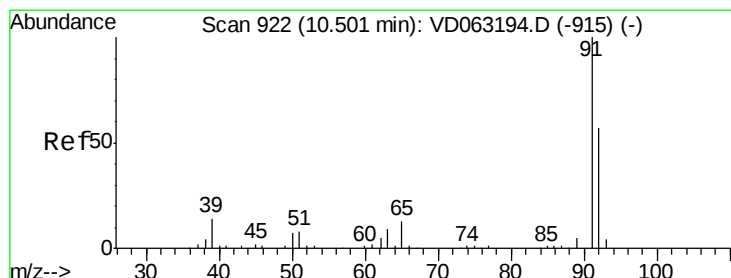
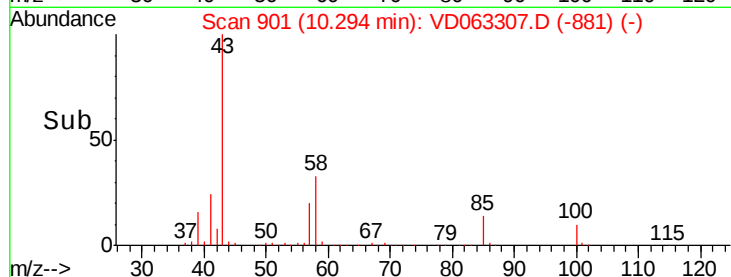
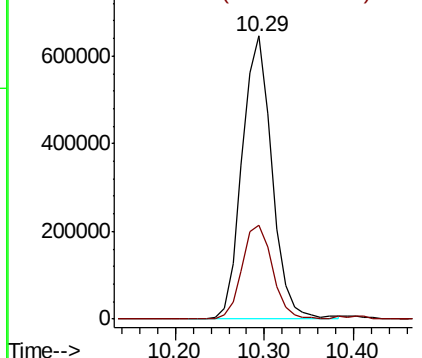
#51
 4-Methyl-2-Pentanone
 Concen: 265.014 ug/l
 RT: 10.29 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1501427
 Ion Ratio Lower Upper
 43 100
 58 33.1 26.2 39.2

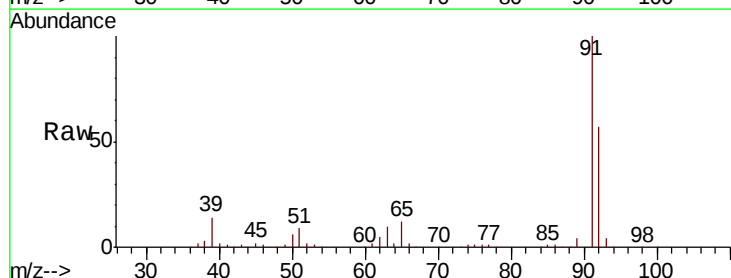


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

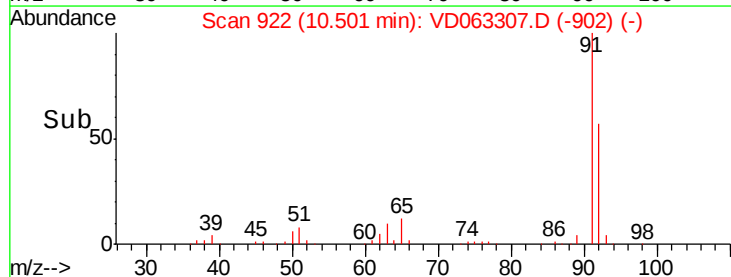
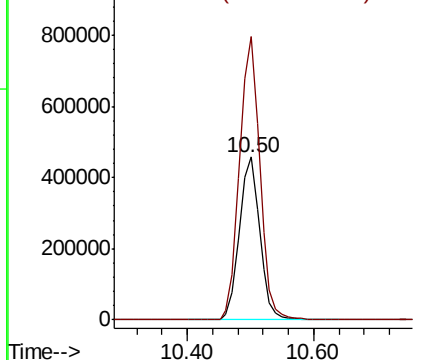


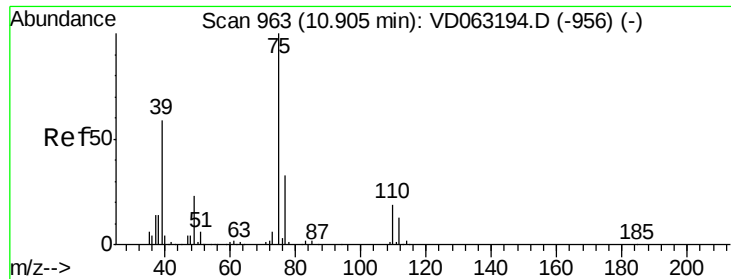
#52
 Toluene
 Concen: 50.250 ug/l
 RT: 10.50 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion: 92 Resp: 1016778
 Ion Ratio Lower Upper
 92 100
 91 173.9 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC
 Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 51.617 ug/l

RT: 10.90 min Scan# 963

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

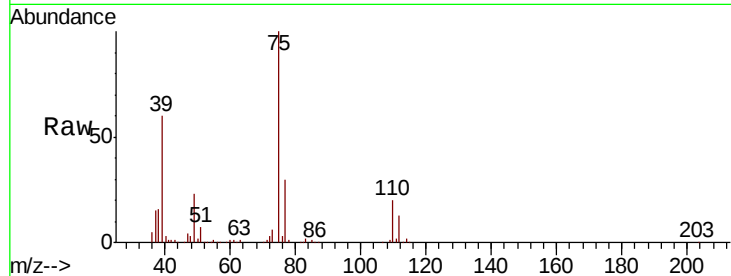
VSTDCCC050

Tgt Ion: 75 Resp: 729361

Ion Ratio Lower Upper

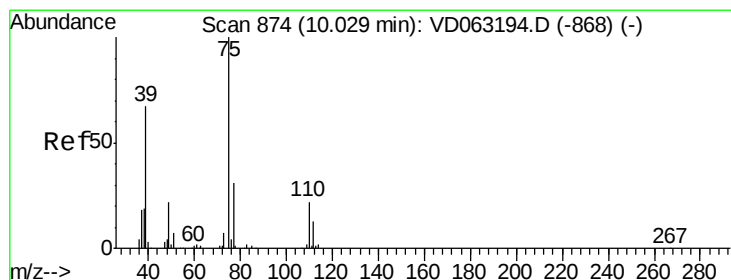
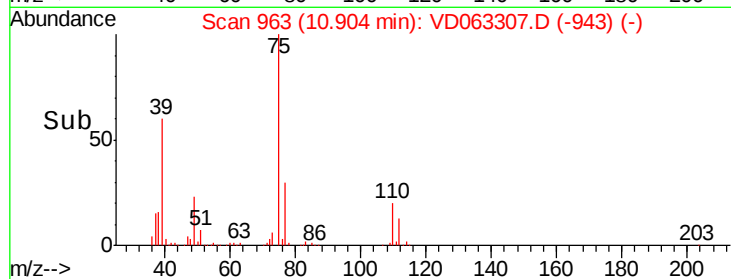
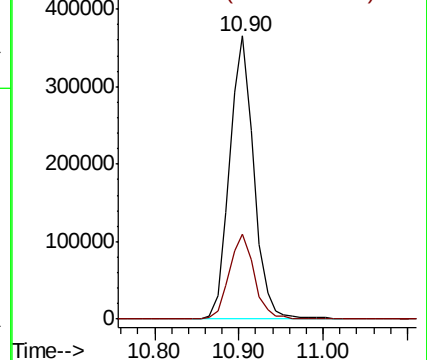
75 100

77 30.1 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 53.467 ug/l

RT: 10.03 min Scan# 874

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

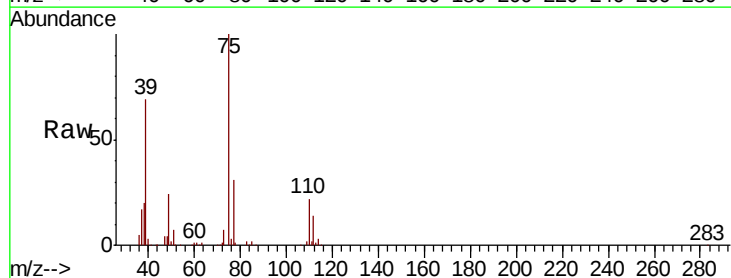
Tgt Ion: 75 Resp: 794018

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3

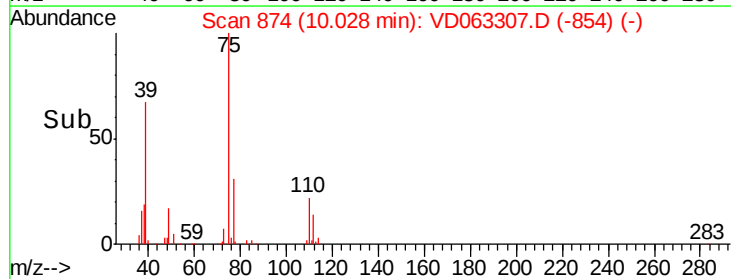
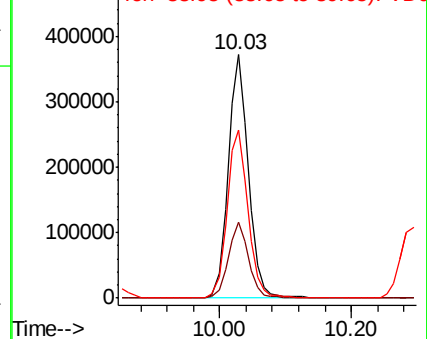
39 69.3 53.9 80.9

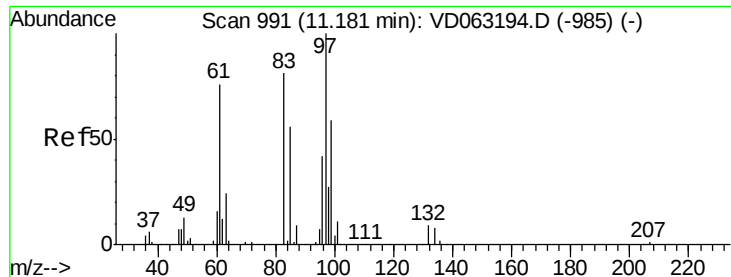


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

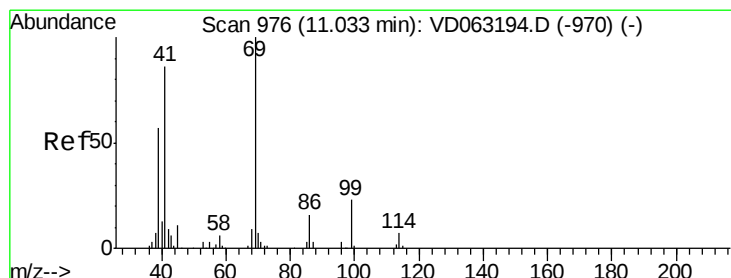
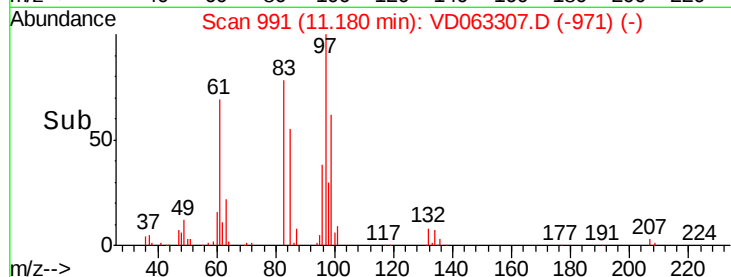
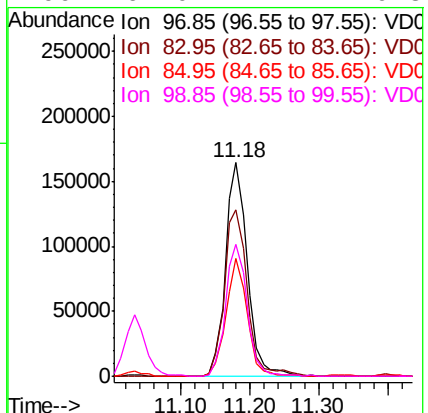
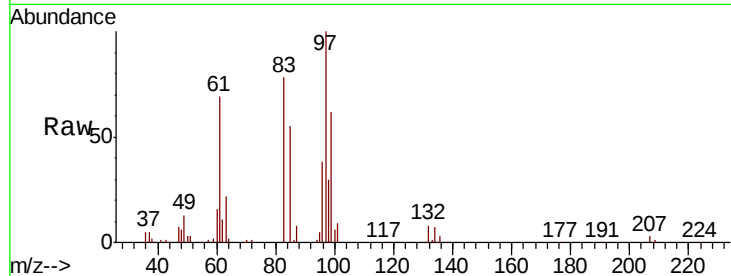




#55
 1,1,2-Trichloroethane
 Concen: 52.780 ug/l
 RT: 11.18 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

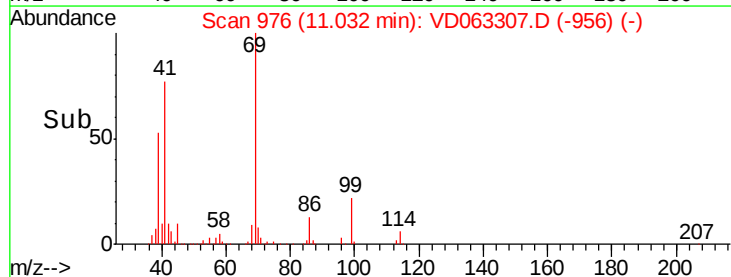
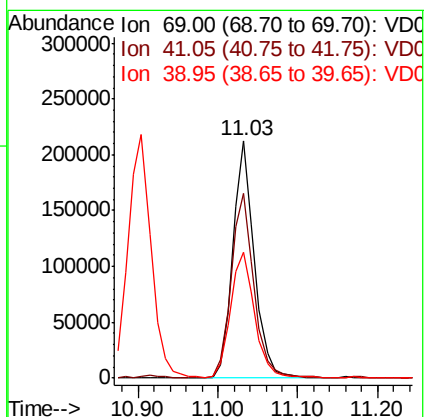
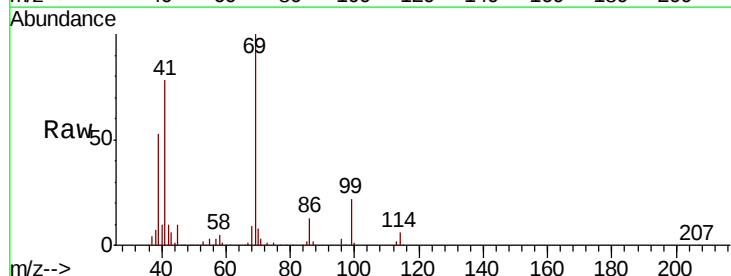
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

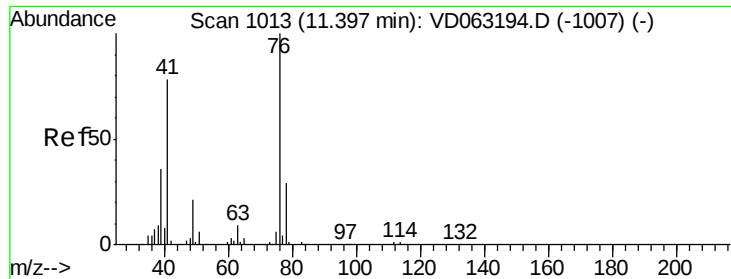
Tgt Ion:	97	Resp:	360690
Ion	Ratio	Lower	Upper
97	100		
83	77.9	64.8	97.2
85	55.4	44.9	67.3
99	62.0	47.2	70.8



#56
 Ethyl methacrylate
 Concen: 53.508 ug/l
 RT: 11.03 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion:	69	Resp:	400418
Ion	Ratio	Lower	Upper
69	100		
41	77.5	68.8	103.2
39	52.8	45.8	68.8

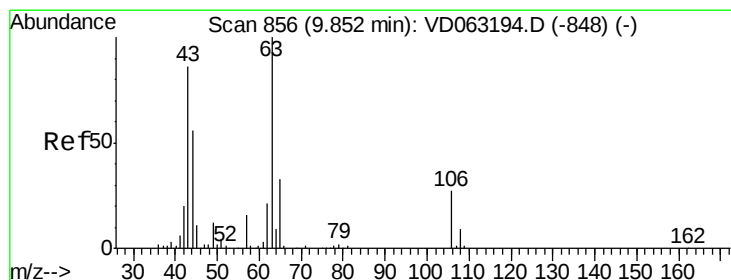
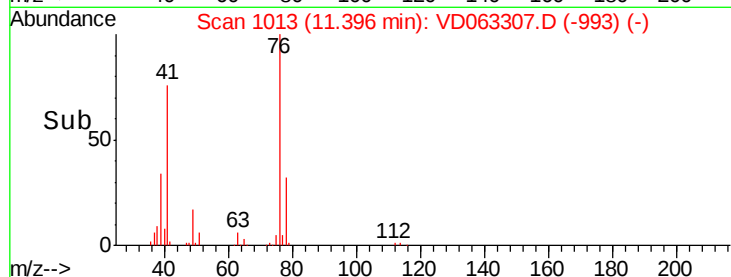
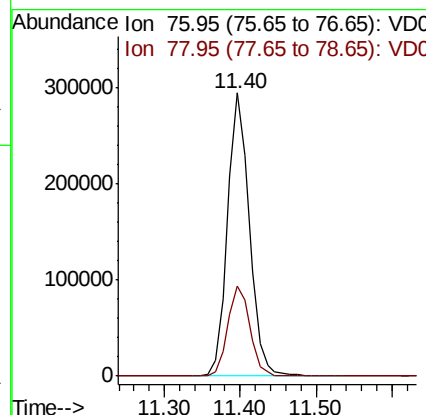
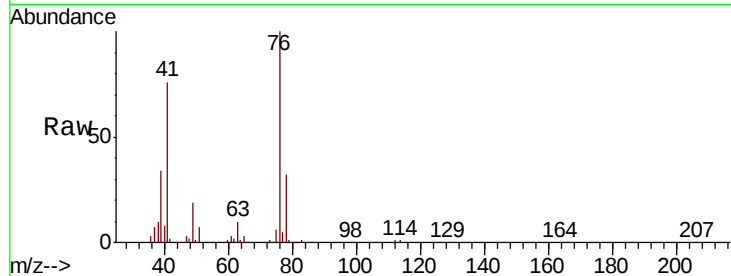




#57
 1,3-Dichloropropane
 Concen: 54.746 ug/l
 RT: 11.40 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

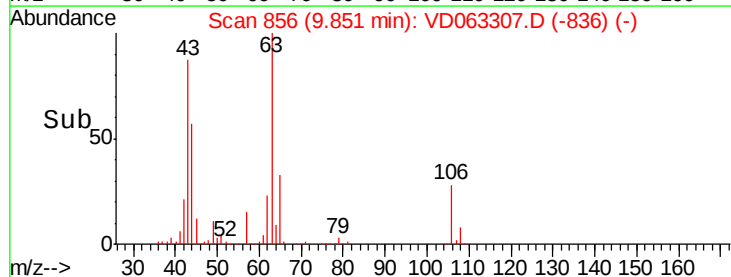
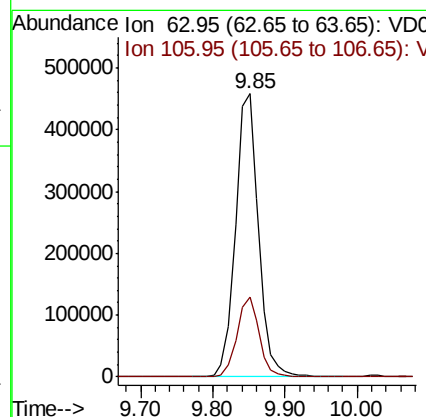
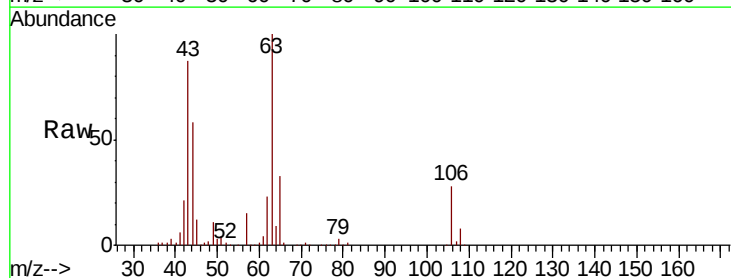
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

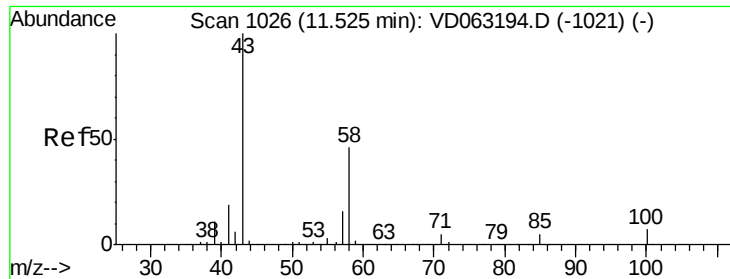
Tgt Ion: 76 Resp: 589473
 Ion Ratio Lower Upper
 76 100
 78 31.6 23.4 35.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.124 ug/l
 RT: 9.85 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion: 63 Resp: 1016779
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.0 33.0

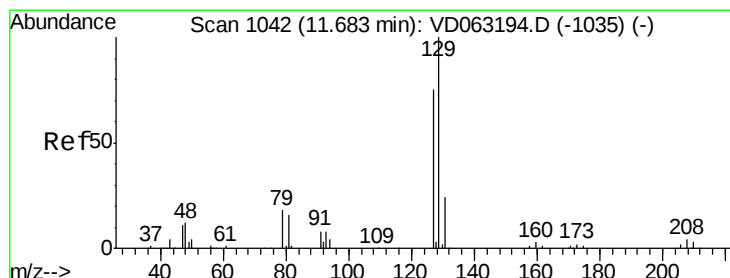
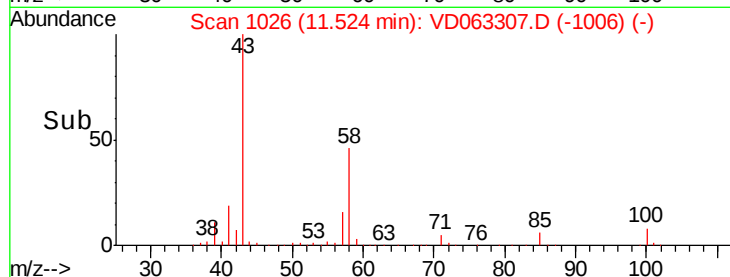
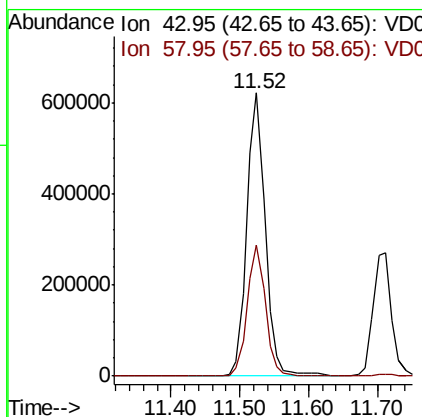
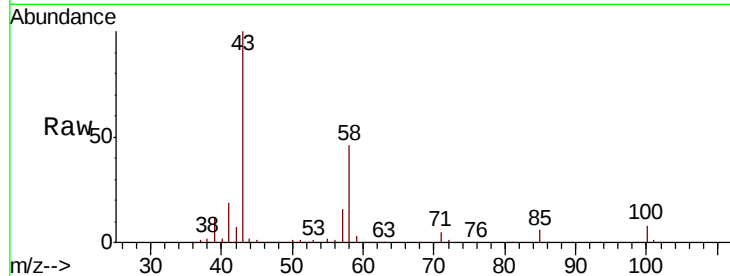




#59
2-Hexanone
Concen: 282.509 ug/l
RT: 11.52 min Scan# 1026
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

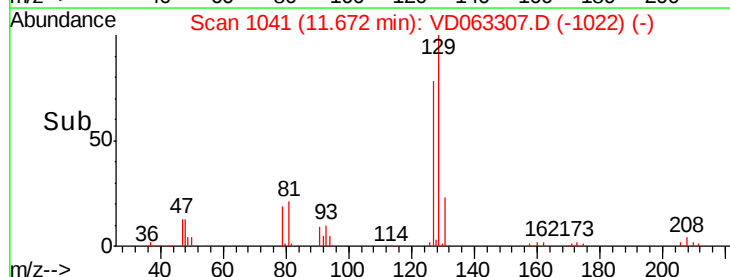
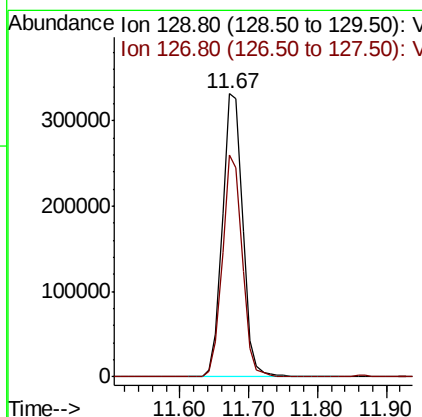
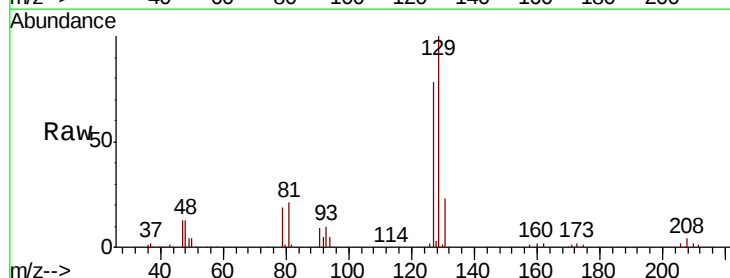
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

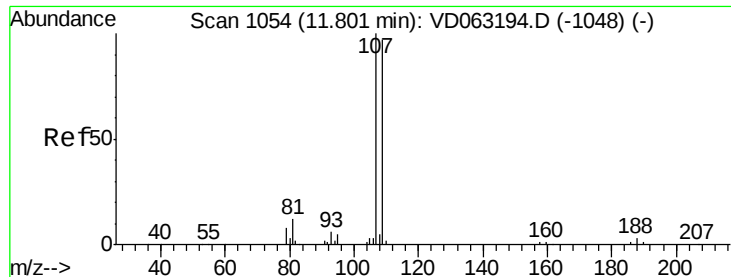
Tgt Ion: 43 Resp: 1153423
Ion Ratio Lower Upper
43 100
58 46.2 22.9 68.5



#60
Dibromochloromethane
Concen: 52.634 ug/l
RT: 11.67 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 129 Resp: 679043
Ion Ratio Lower Upper
129 100
127 78.3 37.6 112.8

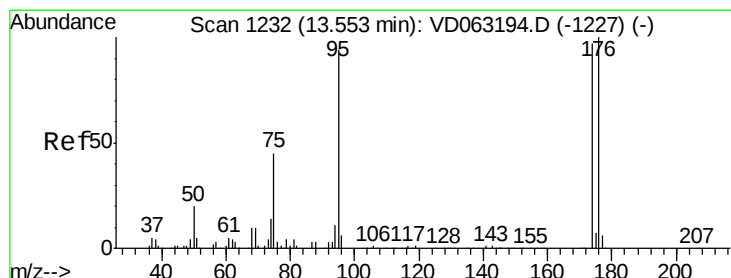
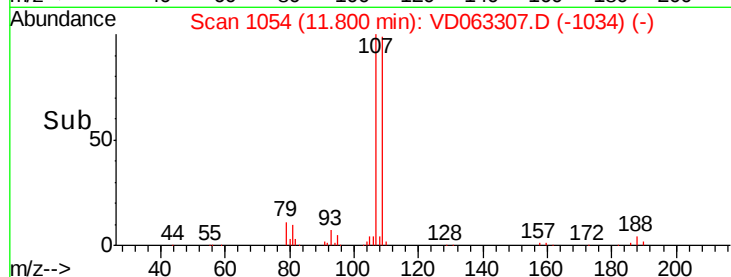
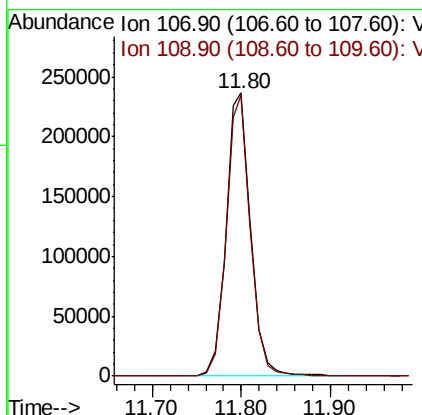
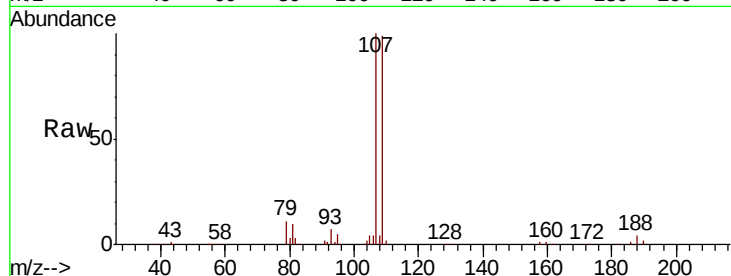




#61
 1,2-Dibromoethane
 Concen: 54.240 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

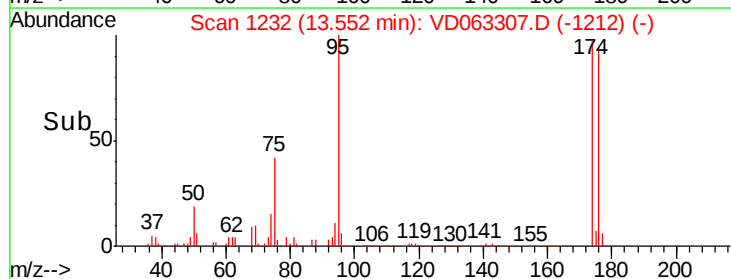
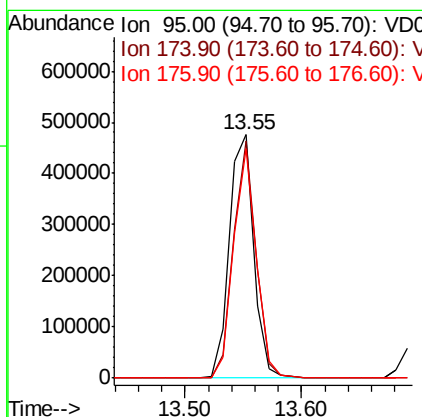
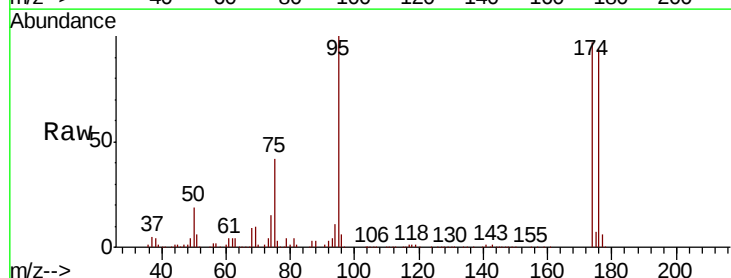
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

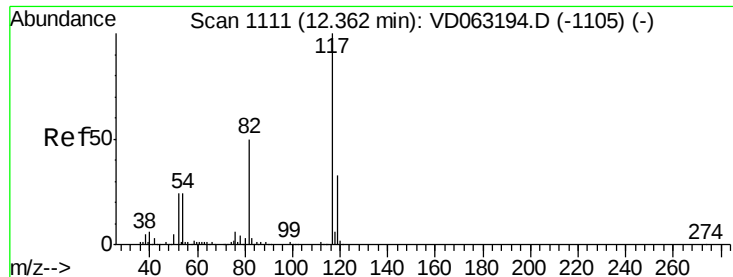
Tgt Ion: 107 Resp: 457387
 Ion Ratio Lower Upper
 107 100
 109 99.1 77.5 116.3



#62
 4-Bromofluorobenzene
 Concen: 49.910 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion: 95 Resp: 691238
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 205.4
 176 94.5 0.0 211.8

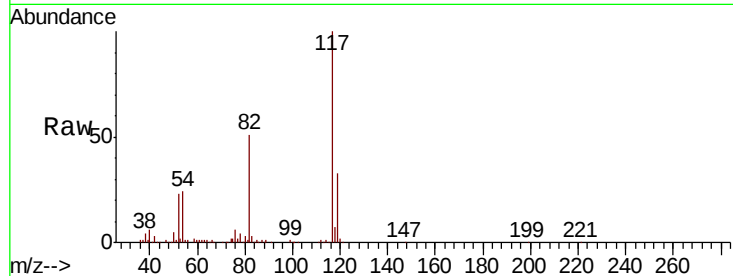




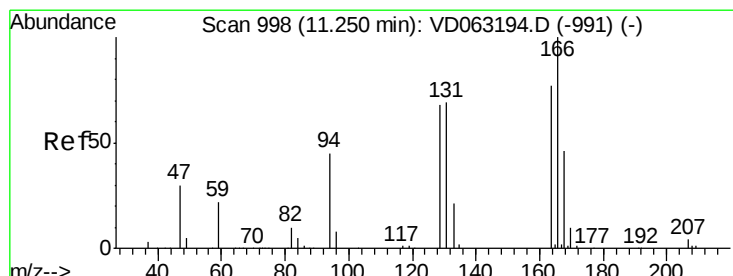
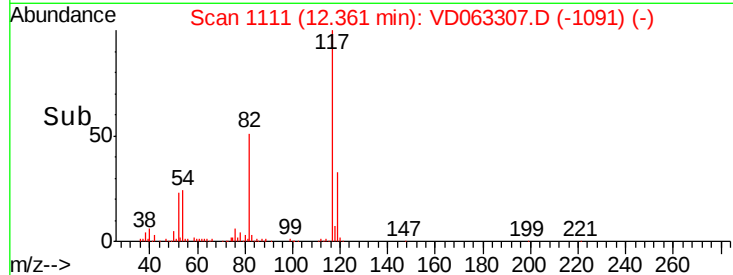
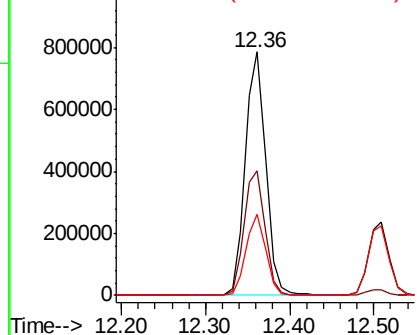
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 1331269
Ion Ratio Lower Upper
117 100
82 51.0 40.1 60.1
119 33.1 26.5 39.7

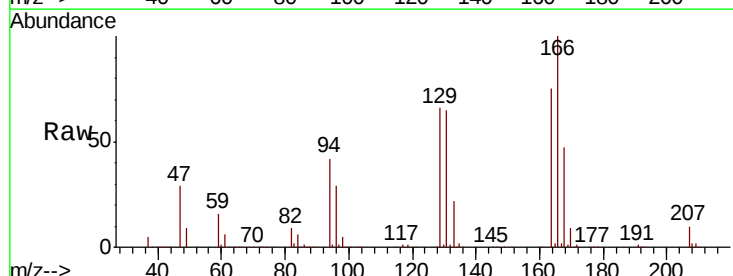


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

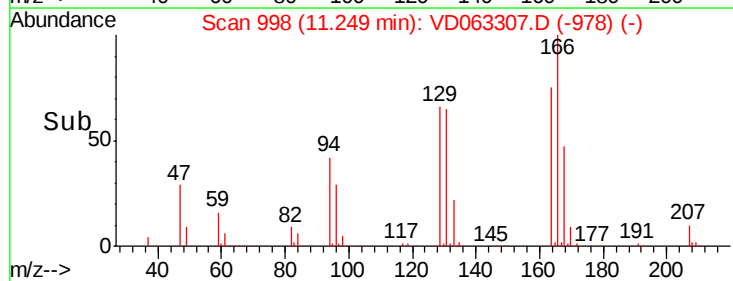
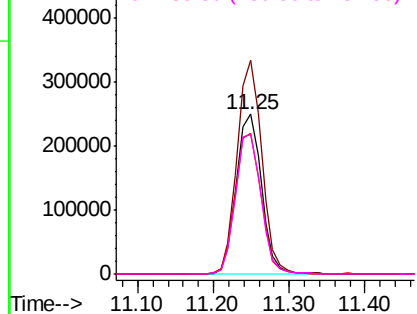


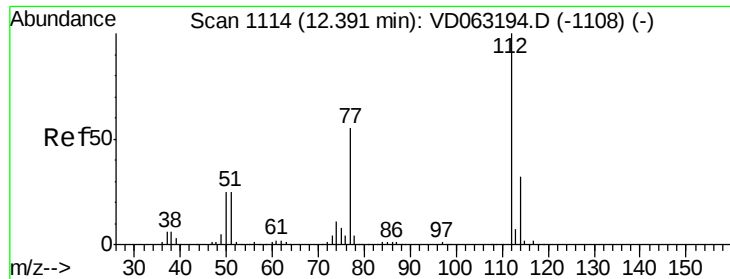
#64
Tetrachloroethene
Concen: 54.239 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion:164 Resp: 575248
Ion Ratio Lower Upper
164 100
166 133.8 104.3 156.5
129 88.0 70.9 106.3
131 87.1 71.6 107.4



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

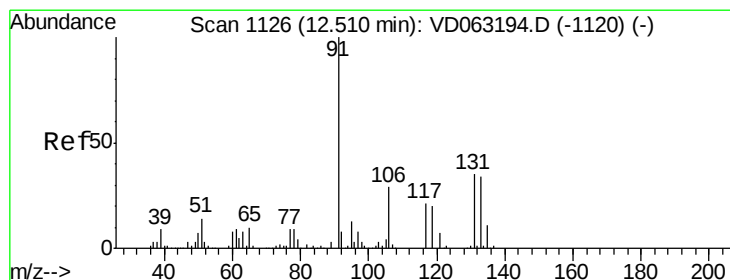
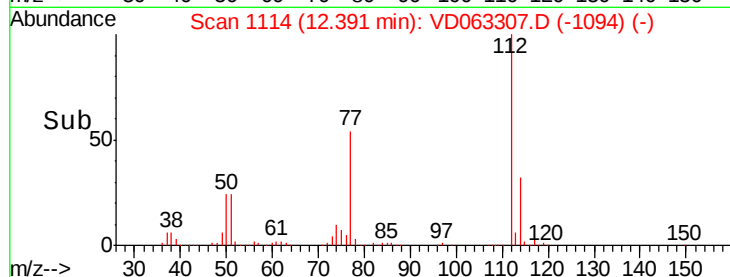
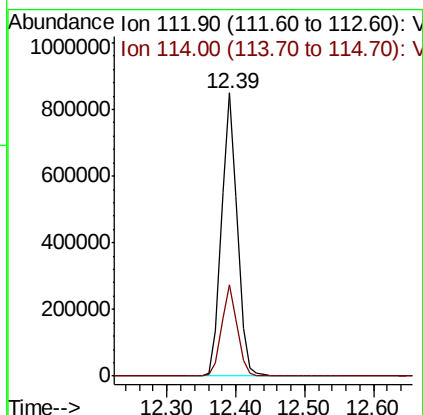
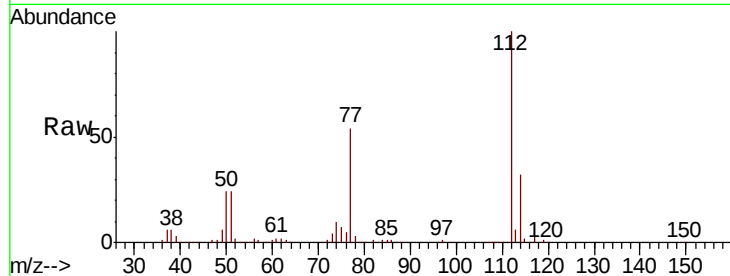




#65
Chlorobenzene
Concen: 52.713 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

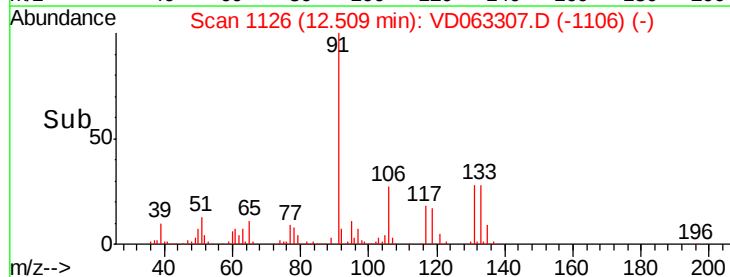
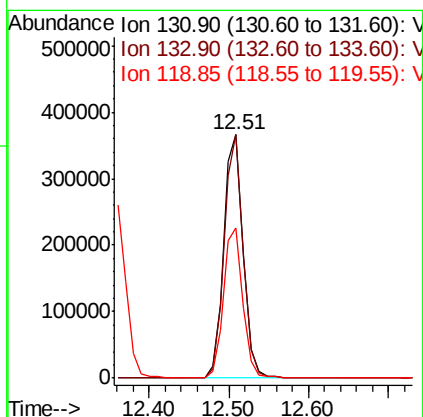
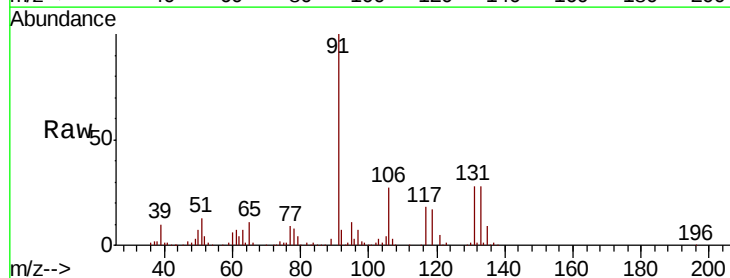
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

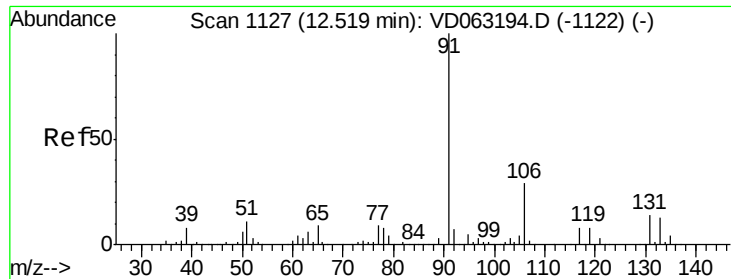
Tgt Ion:112 Resp: 1349770
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.030 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion:131 Resp: 631981
Ion Ratio Lower Upper
131 100
133 99.9 48.4 145.2
119 61.8 29.1 87.3

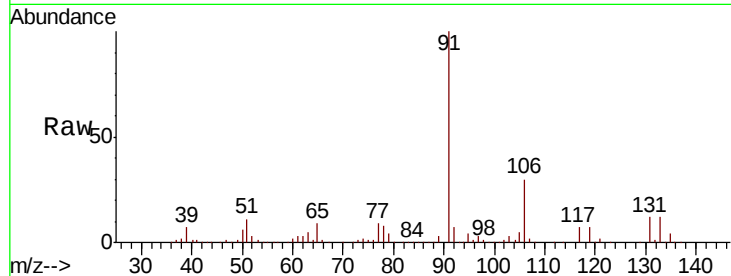




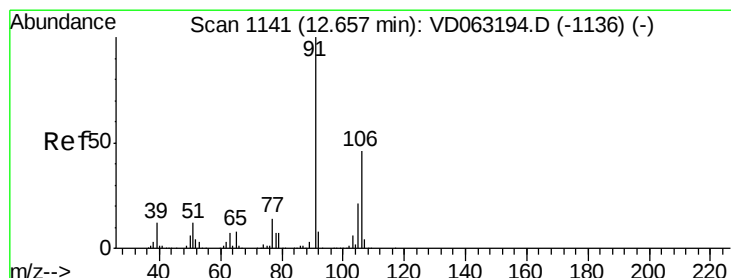
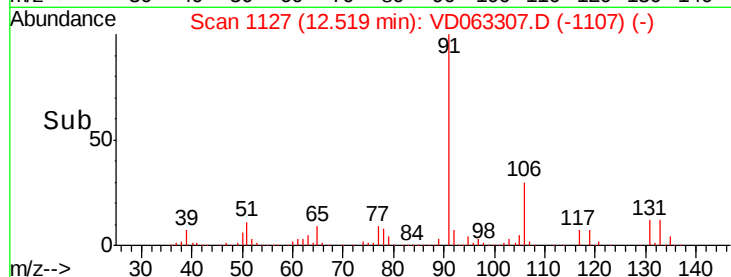
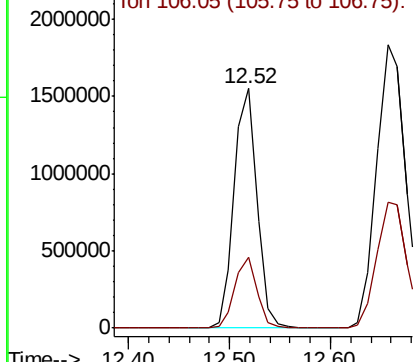
#67
Ethyl Benzene
Concen: 56.444 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2455274
Ion Ratio Lower Upper
91 100
106 29.6 22.9 34.3

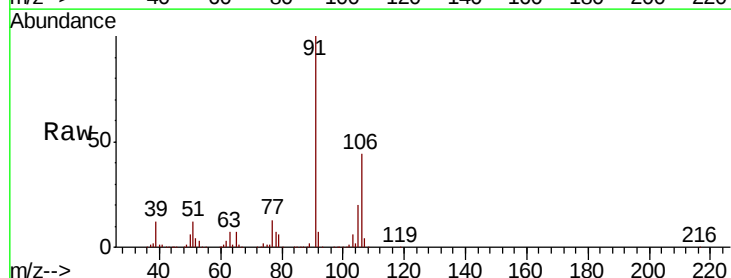


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

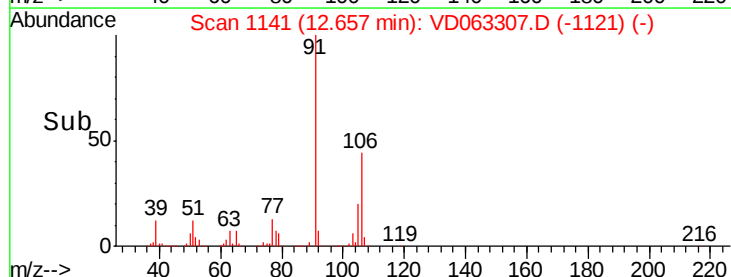
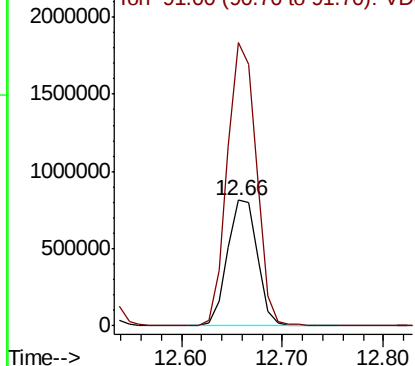


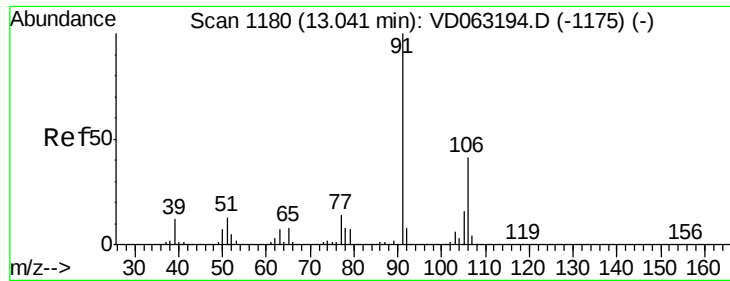
#68
m/p-Xylenes
Concen: 104.746 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 106 Resp: 1670972
Ion Ratio Lower Upper
106 100
91 225.2 172.6 259.0



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

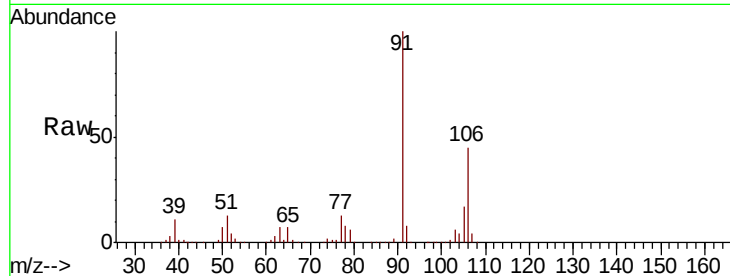




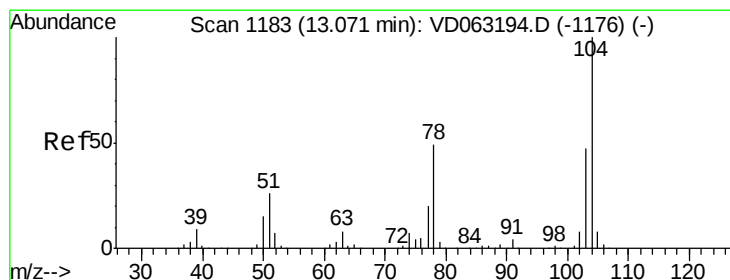
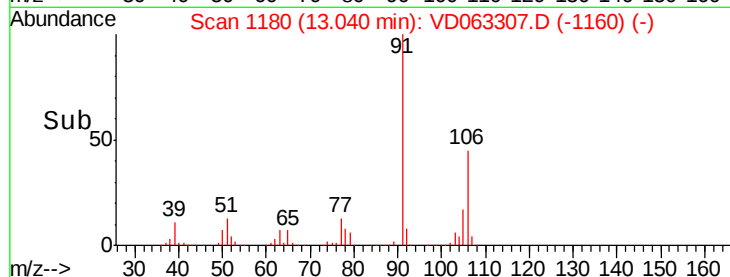
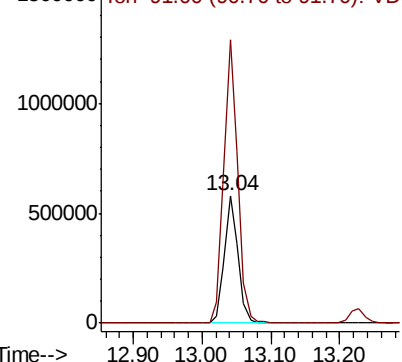
#69
o-Xylene
Concen: 54.471 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 797970
Ion Ratio Lower Upper
106 100
91 222.3 121.3 363.9

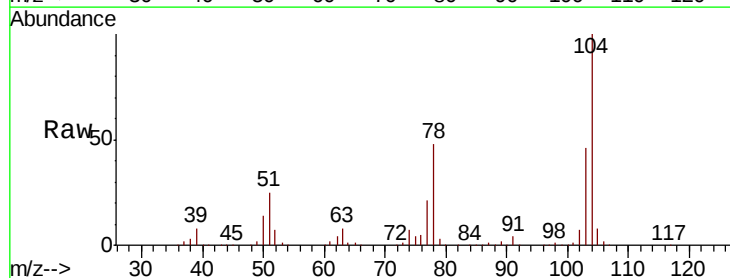


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

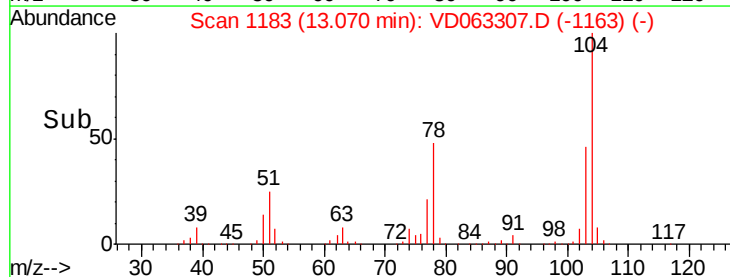
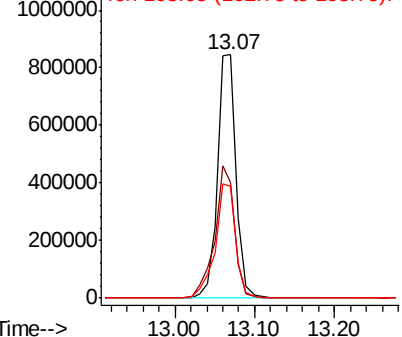


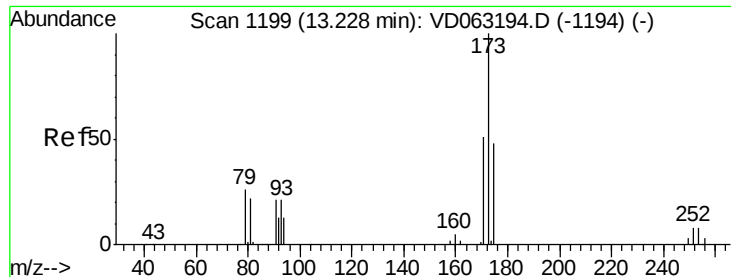
#70
Styrene
Concen: 53.485 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion:104 Resp: 1389506
Ion Ratio Lower Upper
104 100
78 47.6 39.4 59.0
103 46.0 37.4 56.2



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V

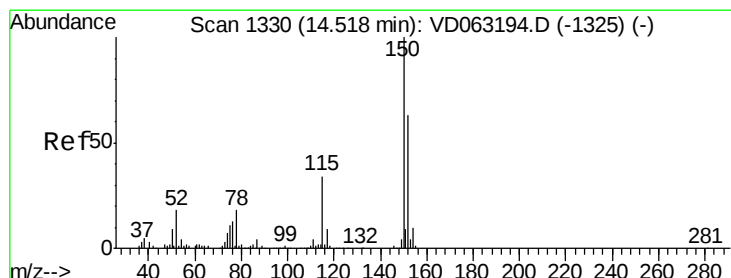
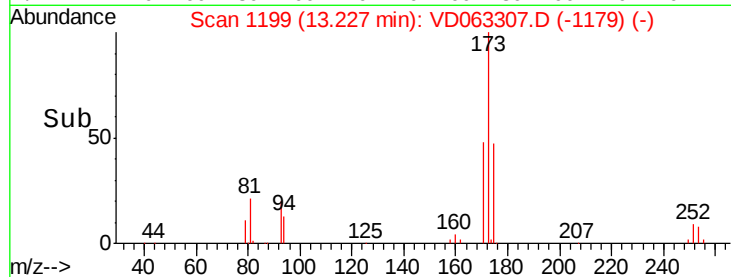
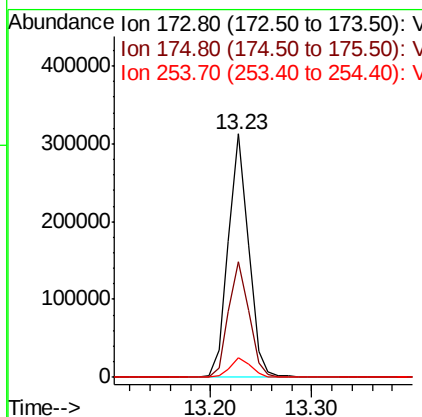
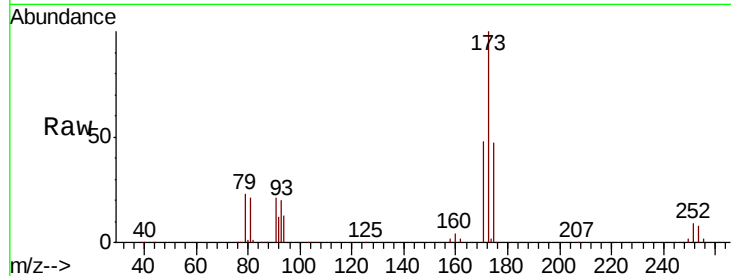




#71
 Bromoform
 Concen: 53.237 ug/l
 RT: 13.23 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

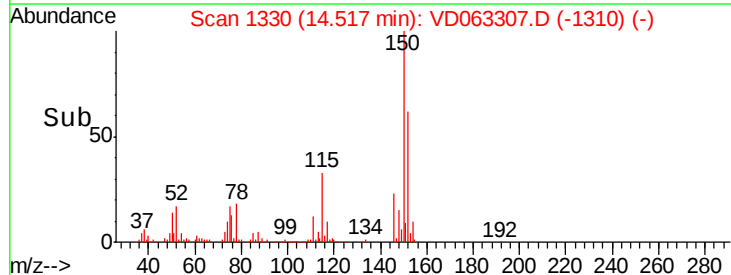
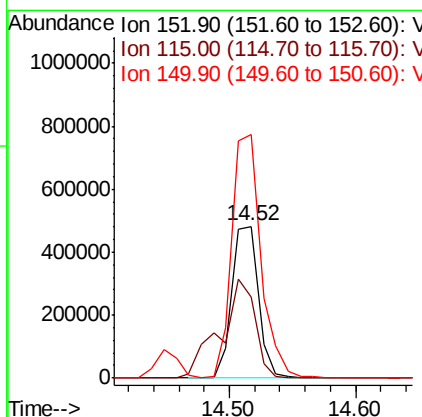
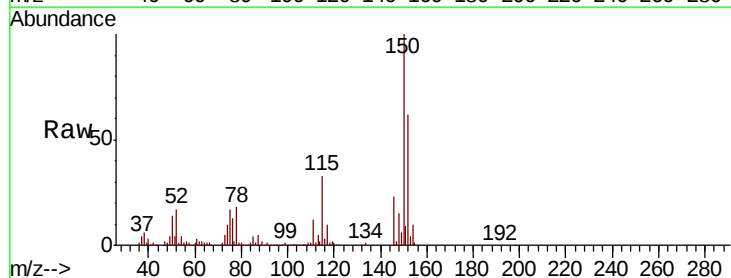
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

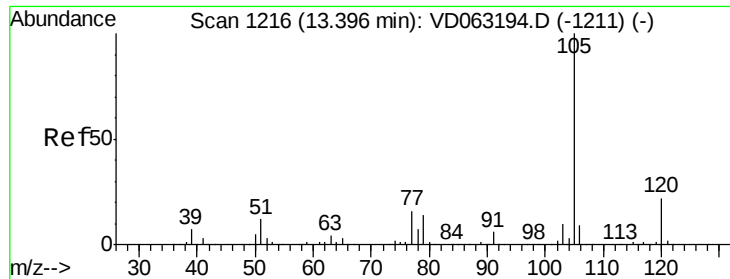
Tgt Ion:173 Resp: 436675
 Ion Ratio Lower Upper
 173 100
 175 47.5 23.8 71.5
 254 8.0 6.6 10.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion:152 Resp: 696936
 Ion Ratio Lower Upper
 152 100
 115 53.4 27.5 82.4
 150 160.7 0.0 320.6





#73

Isopropylbenzene

Concen: 52.428 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

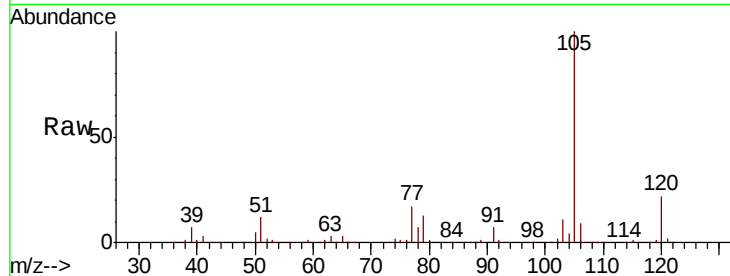
VSTDCCC050

Tgt Ion: 105 Resp: 2293307

Ion Ratio Lower Upper

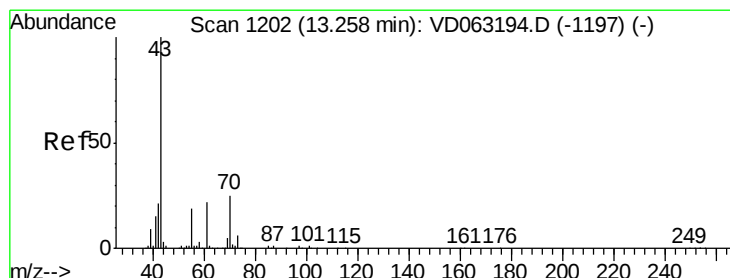
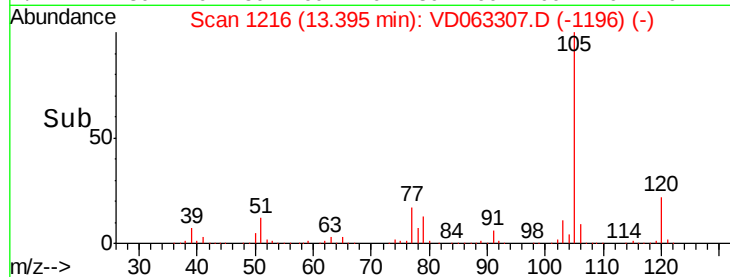
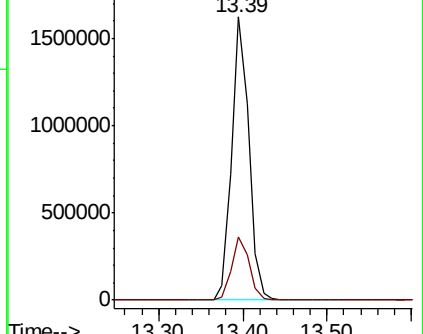
105 100

120 22.2 11.1 33.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 52.168 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Tgt Ion: 43 Resp: 603252

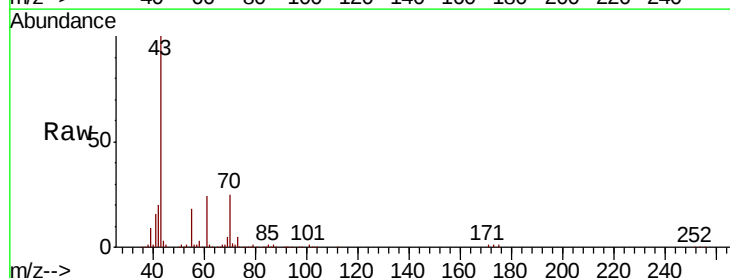
Ion Ratio Lower Upper

43 100

70 25.1 20.2 30.4

55 18.4 14.9 22.3

61 23.5 17.9 26.9

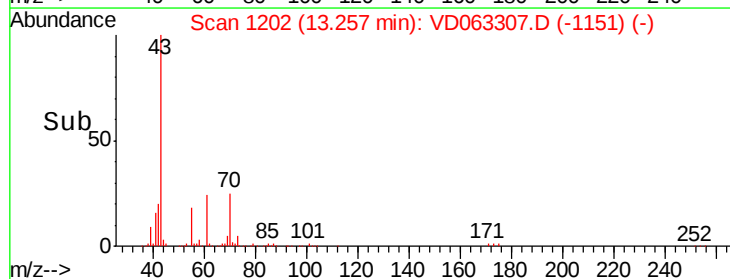
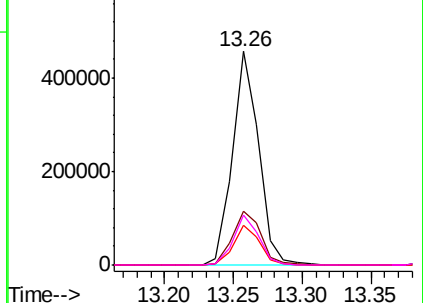


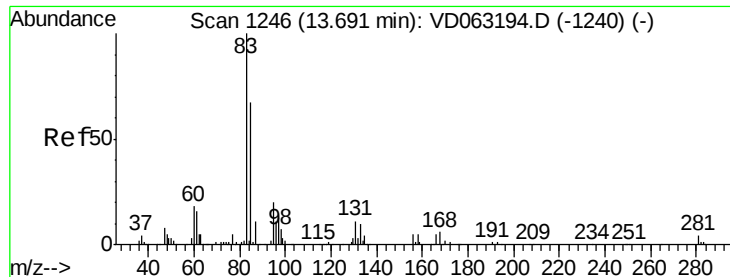
Abundance Ion 42.95 (42.65 to 43.65): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 55.500 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

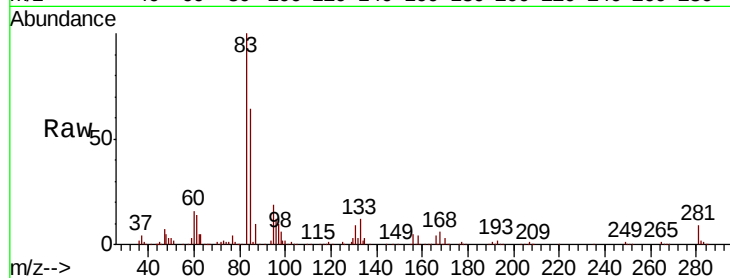
Tgt Ion: 83 Resp: 412373

Ion Ratio Lower Upper

83 100

131 9.5 5.5 16.7

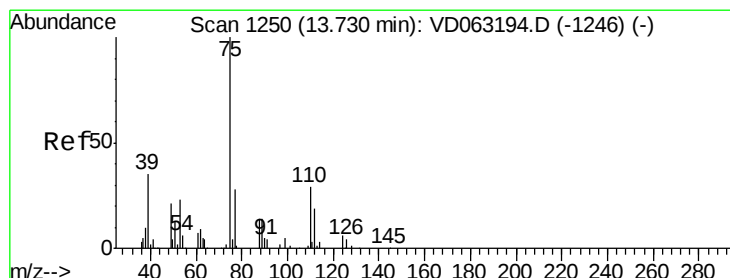
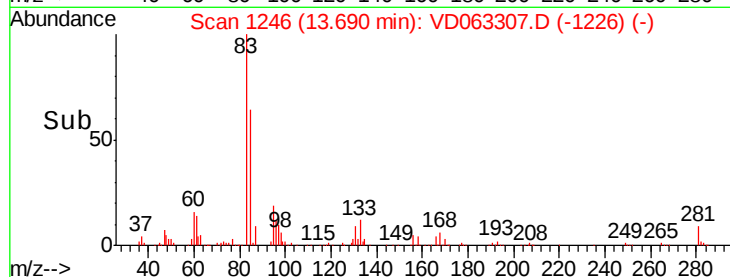
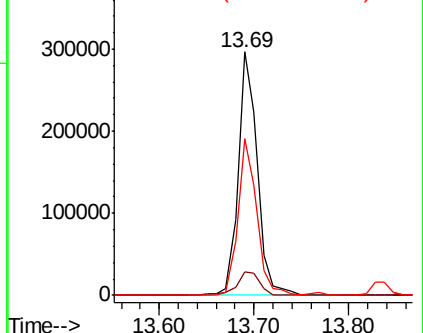
85 64.1 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 50.743 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD063307.D

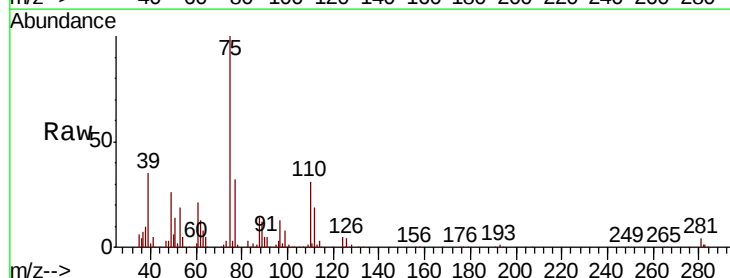
Acq: 2 Aug 2019 10:40

Tgt Ion: 75 Resp: 424777

Ion Ratio Lower Upper

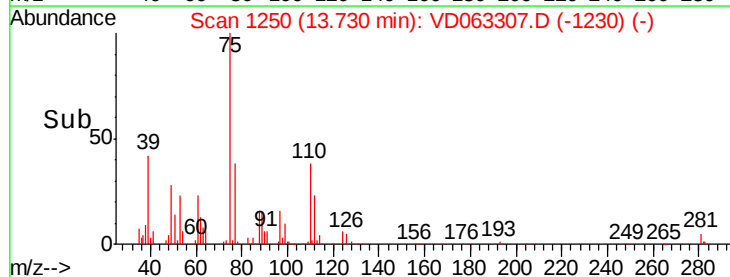
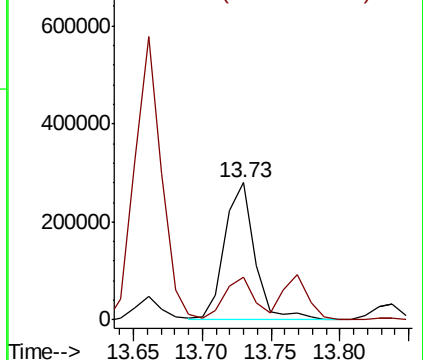
75 100

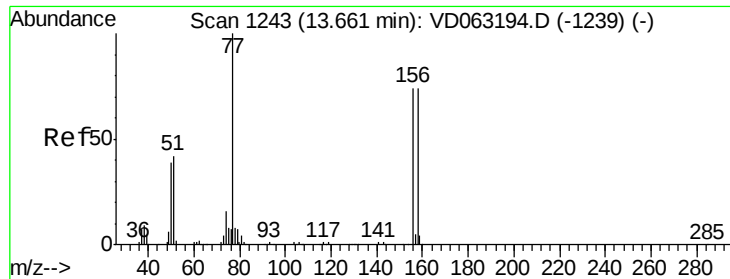
77 31.6 16.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 50.756 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

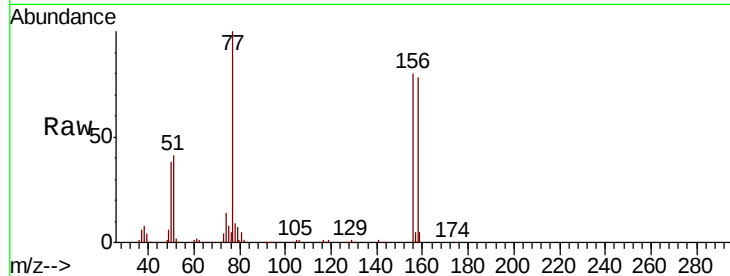
Tgt Ion:156 Resp: 632459

Ion Ratio Lower Upper

156 100

77 124.3 67.6 202.8

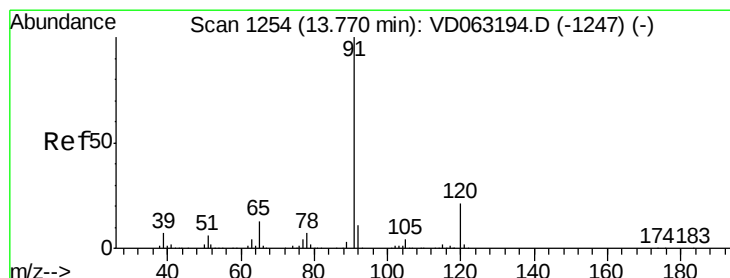
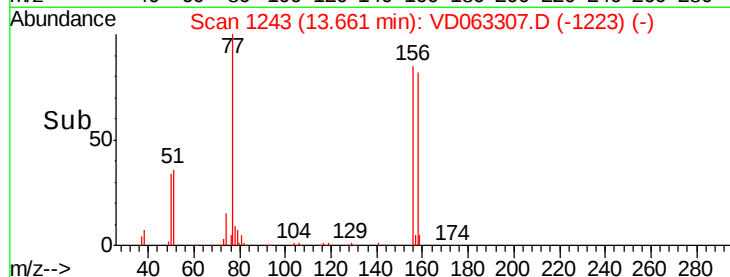
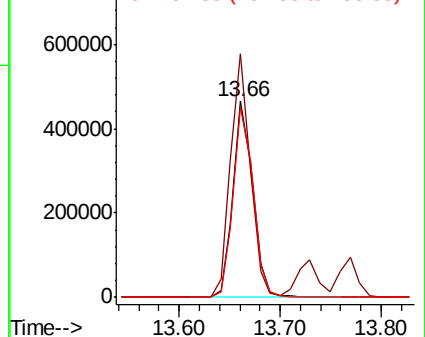
158 97.1 49.8 149.4



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 54.982 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD063307.D

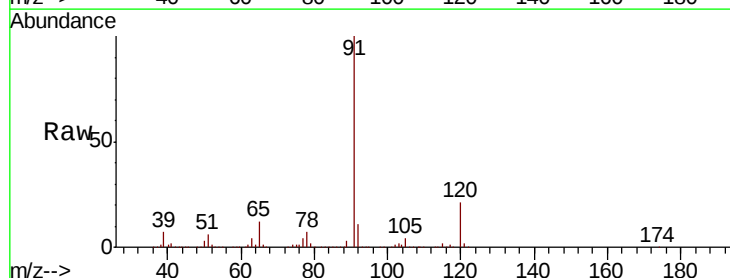
Acq: 2 Aug 2019 10:40

Tgt Ion: 91 Resp: 2862041

Ion Ratio Lower Upper

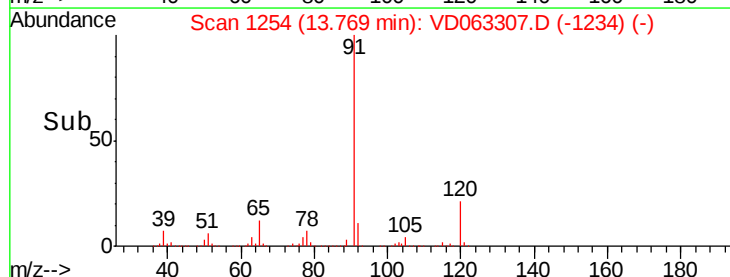
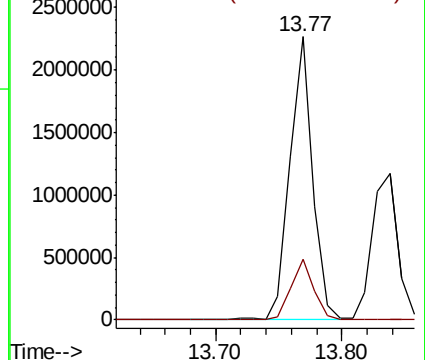
91 100

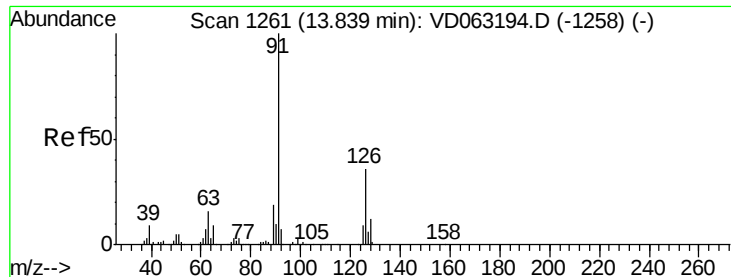
120 21.4 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

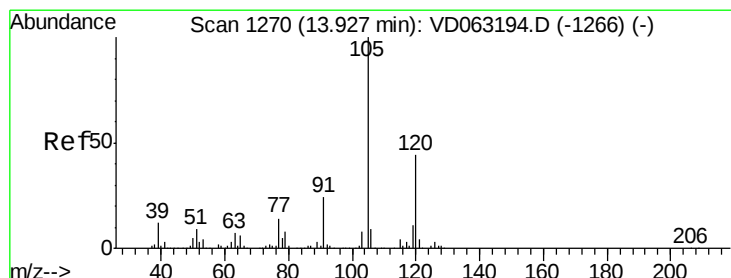
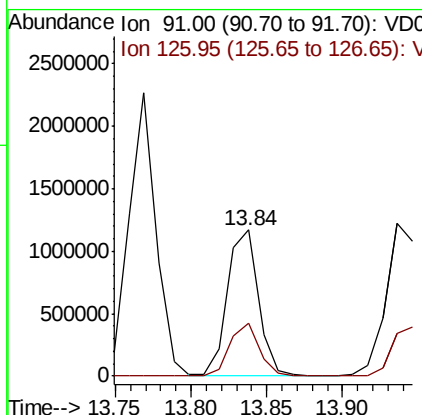
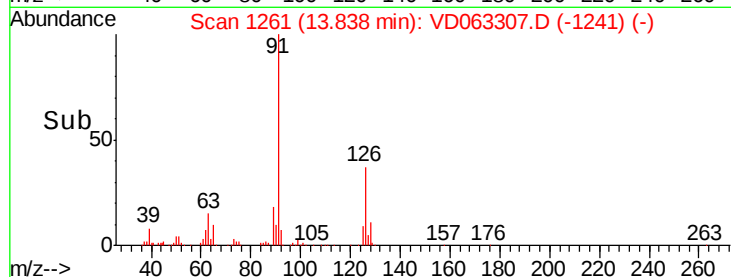
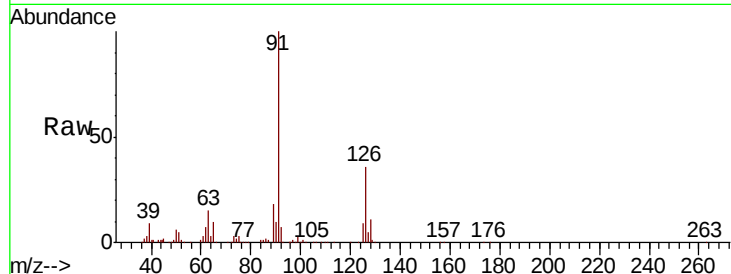




#79
 2-Chlorotoluene
 Concen: 55.412 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

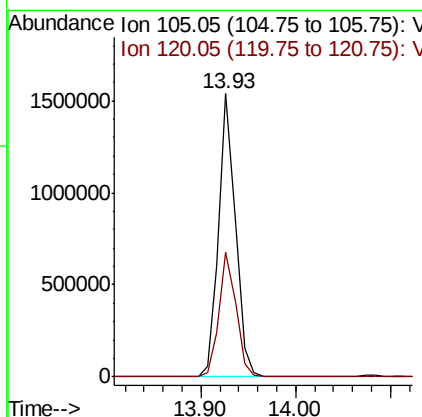
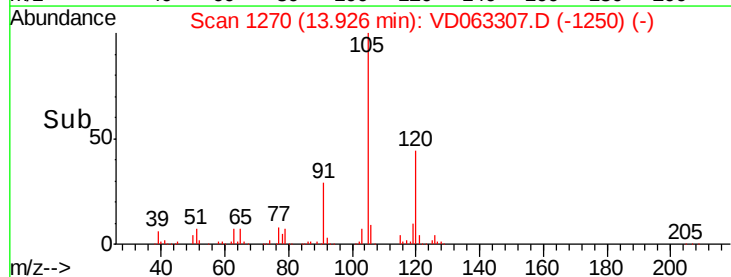
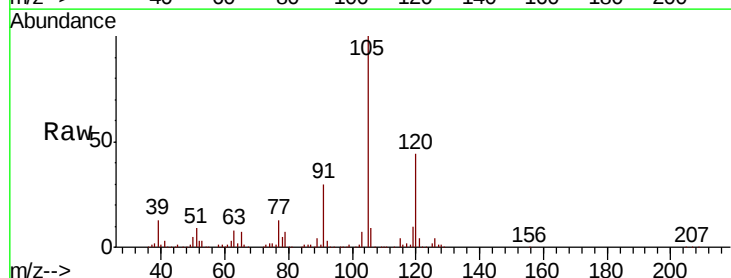
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

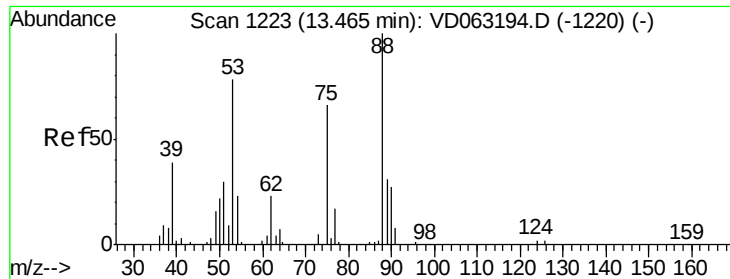
Tgt Ion: 91 Resp: 1671332
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.8 53.5



#80
 1,3,5-Trimethylbenzene
 Concen: 50.412 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion: 105 Resp: 1901884
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.1





#81

trans-1,4-Dichloro-2-butene

Concen: 52.591 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD063307.D

Acq: 2 Aug 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

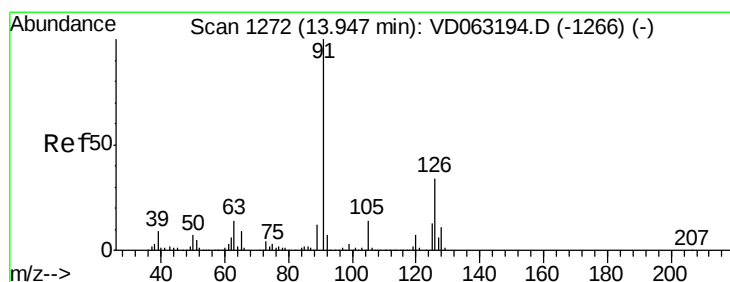
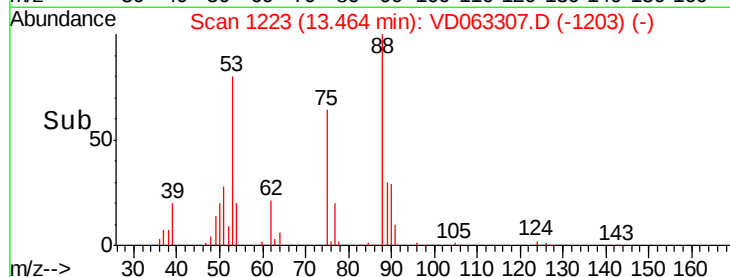
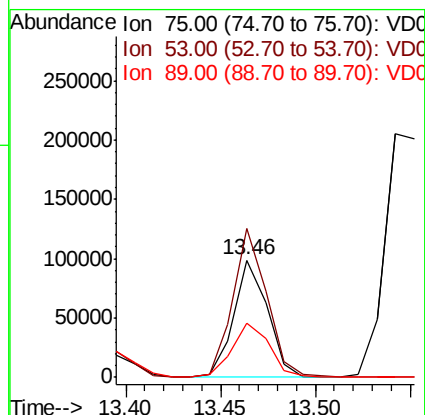
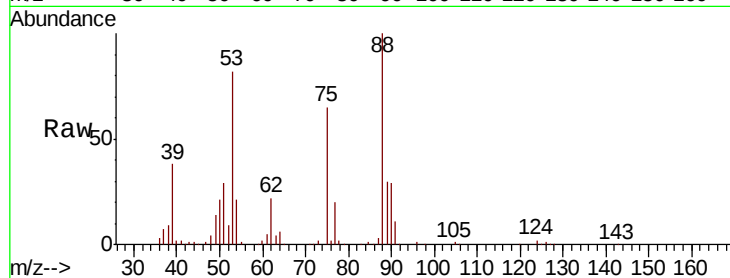
Tgt Ion: 75 Resp: 122248

Ion Ratio Lower Upper

75 100

53 126.9 94.9 142.3

89 46.8 37.4 56.0



#82

4-Chlorotoluene

Concen: 52.777 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD063307.D

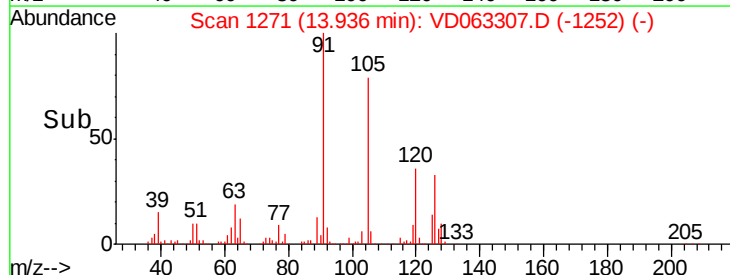
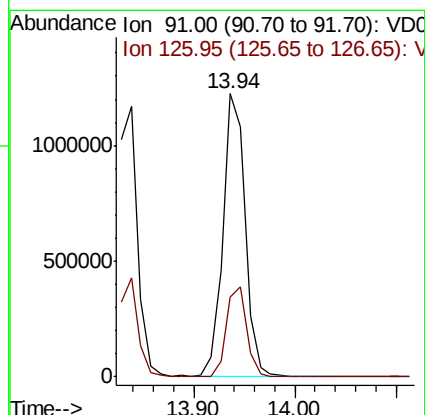
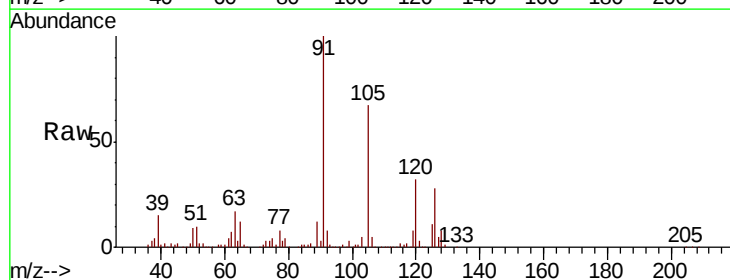
Acq: 2 Aug 2019 10:40

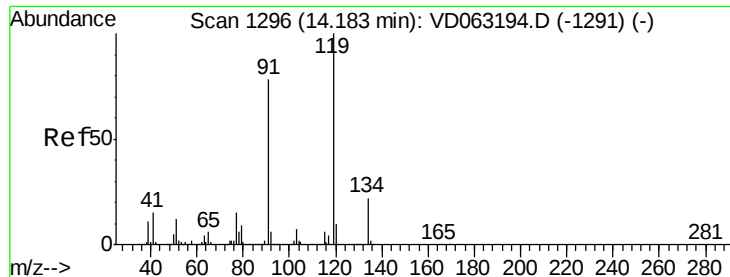
Tgt Ion: 91 Resp: 1873390

Ion Ratio Lower Upper

91 100

126 28.1 17.1 51.2

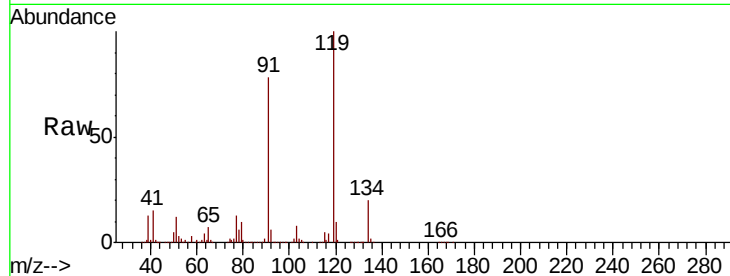




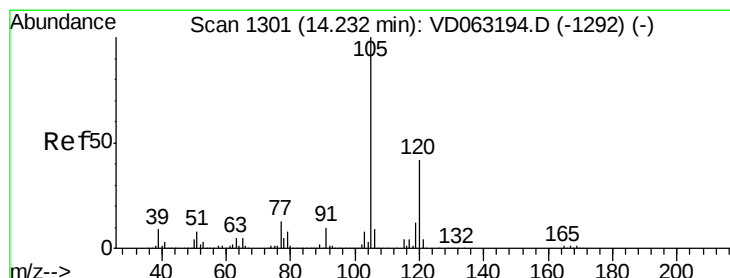
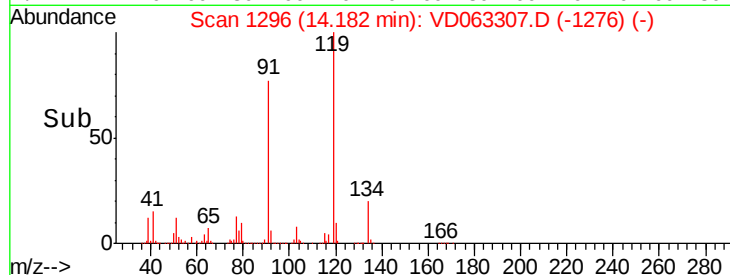
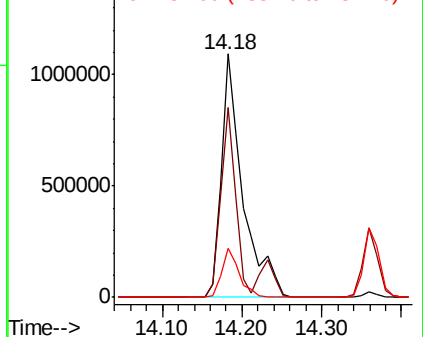
#83
 tert-Butylbenzene
 Concen: 47.921 ug/l
 RT: 14.18 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 2064314
 Ion Ratio Lower Upper
 119 100
 91 77.7 39.1 117.5
 134 20.2 10.9 32.6

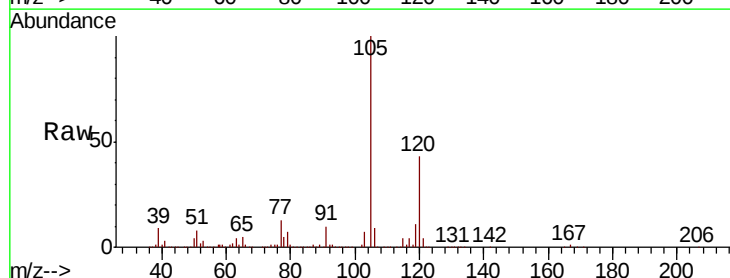


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

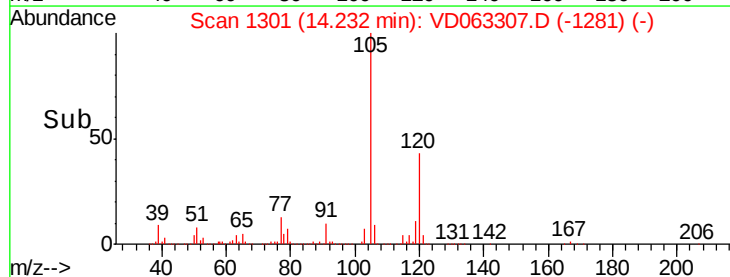
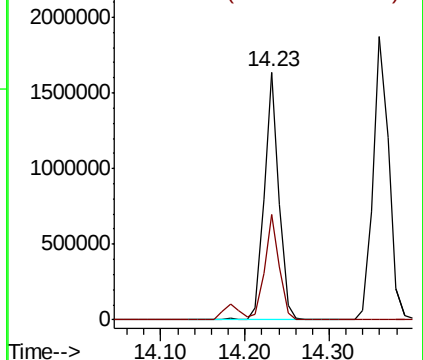


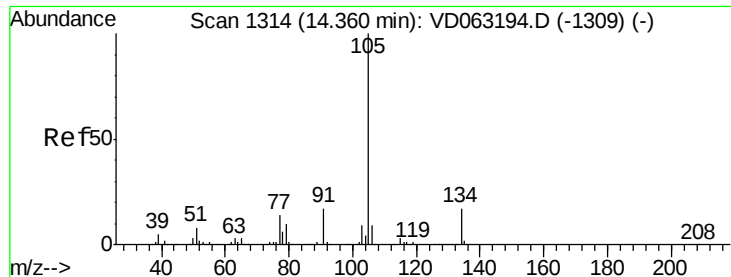
#84
 1,2,4-Trimethylbenzene
 Concen: 51.552 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion:105 Resp: 2011711
 Ion Ratio Lower Upper
 105 100
 120 42.6 20.9 62.7



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

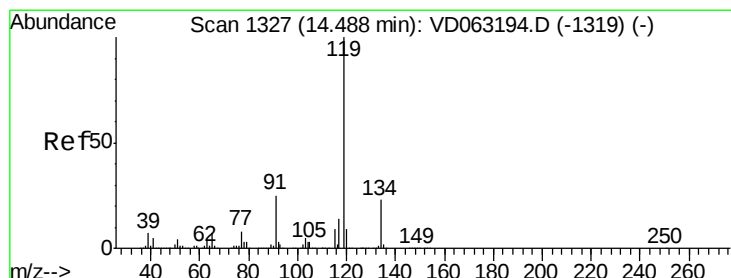
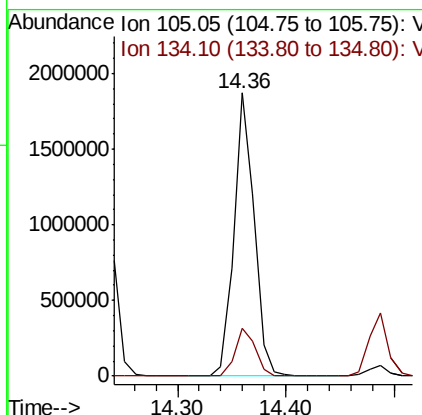
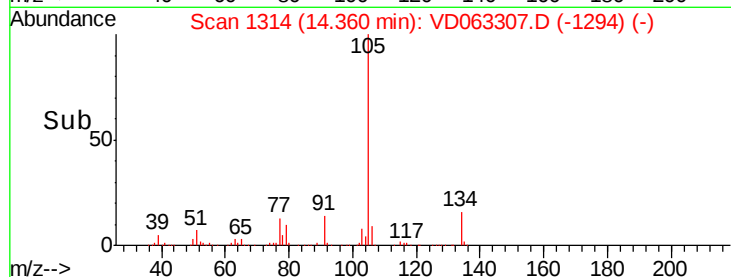
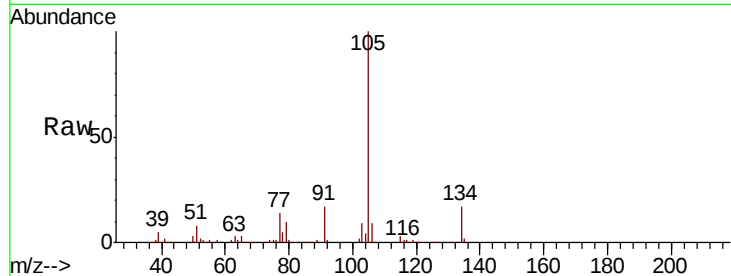




#85
 sec-Butylbenzene
 Concen: 53.363 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

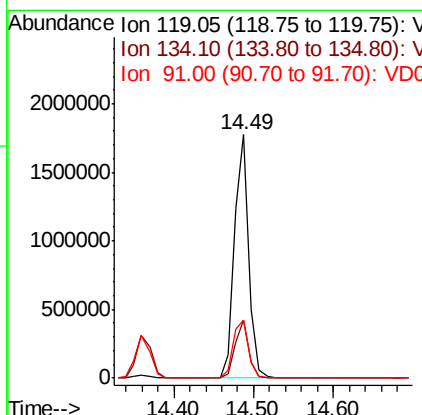
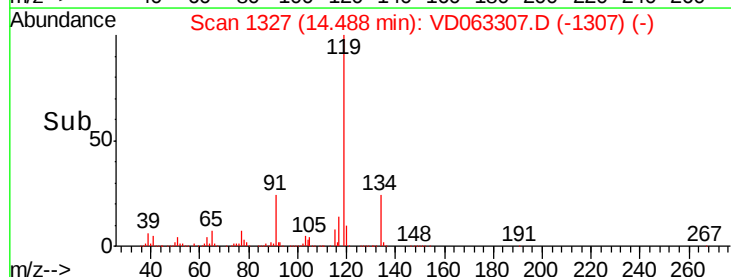
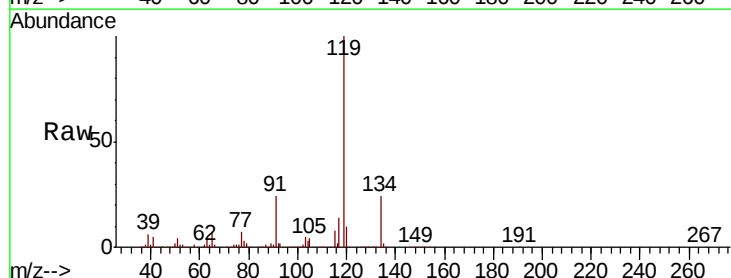
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

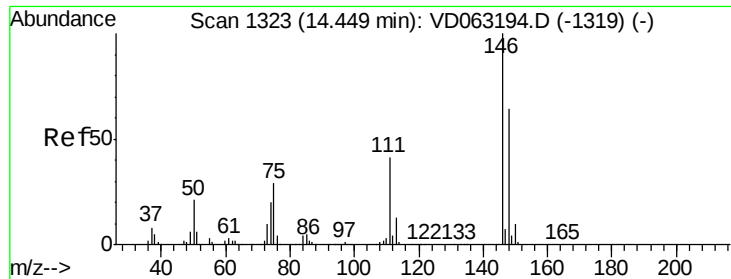
Tgt Ion:105 Resp: 2421897
 Ion Ratio Lower Upper
 105 100
 134 16.7 8.3 24.9



#86
 p-Isopropyltoluene
 Concen: 51.495 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion:119 Resp: 2230675
 Ion Ratio Lower Upper
 119 100
 134 23.6 11.5 34.5
 91 24.0 12.6 37.6

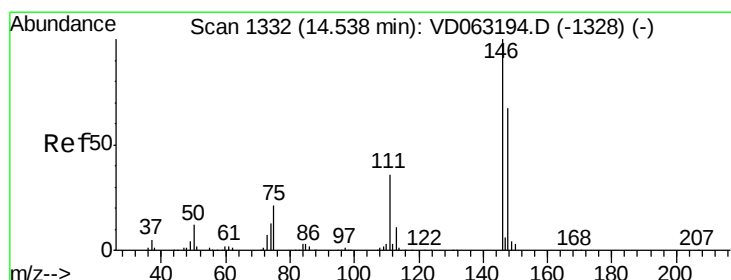
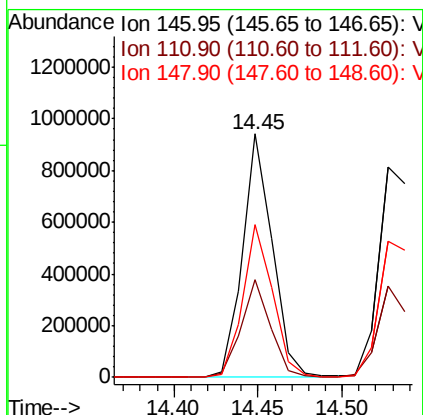
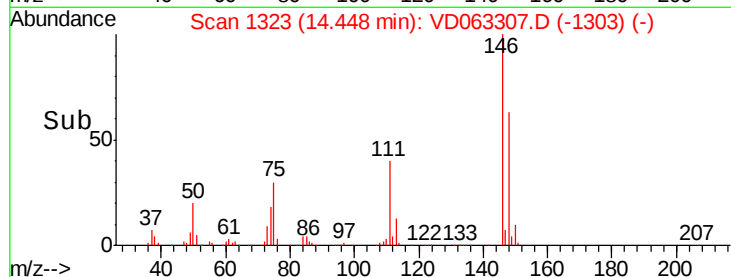
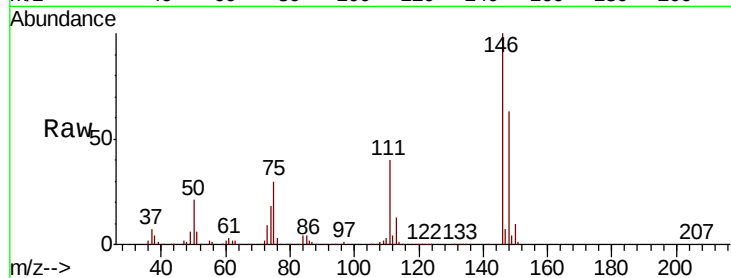




#87
 1,3-Dichlorobenzene
 Concen: 52.373 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

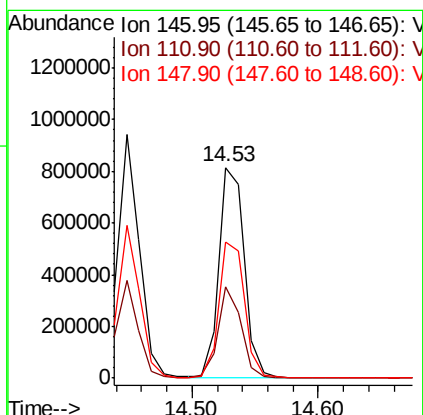
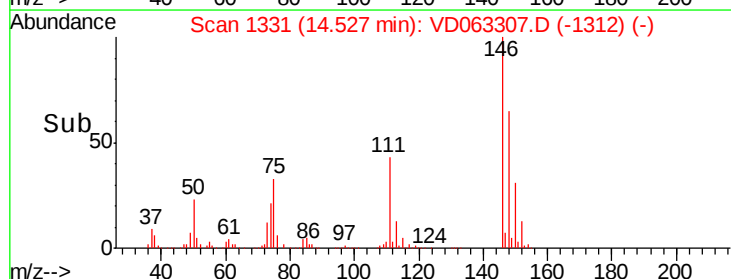
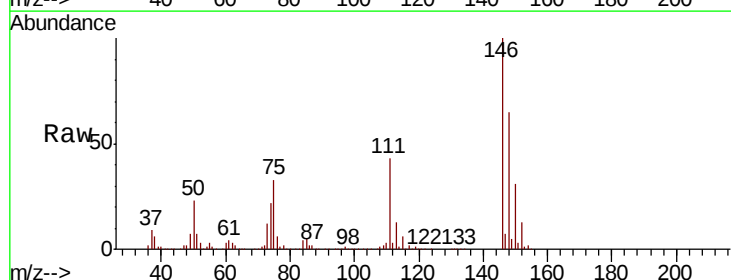
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

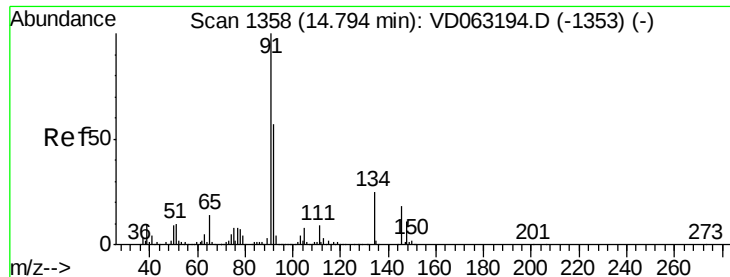
Tgt Ion:146 Resp: 1155717
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.4 61.3
 148 62.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.902 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion:146 Resp: 1135853
 Ion Ratio Lower Upper
 146 100
 111 43.5 18.1 54.3
 148 64.7 33.4 100.1

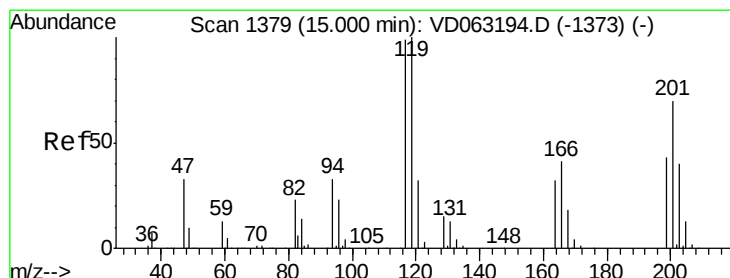
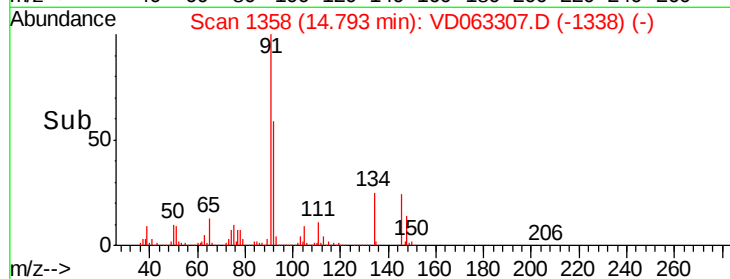
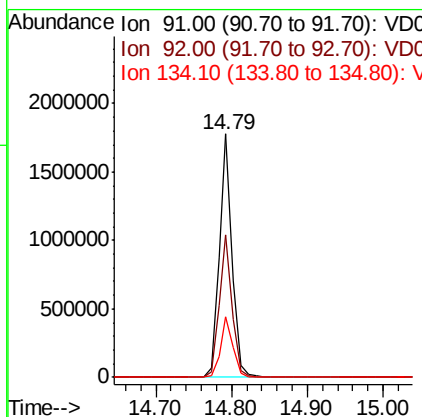
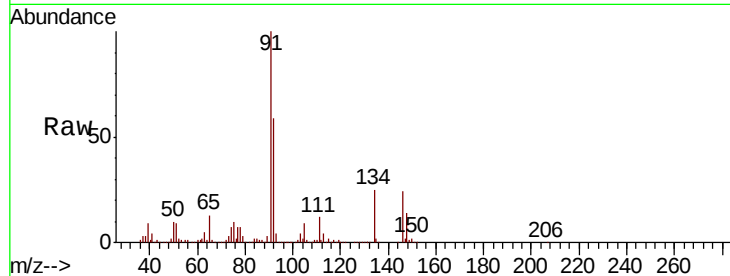




#89
n-Butylbenzene
Concen: 56.116 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

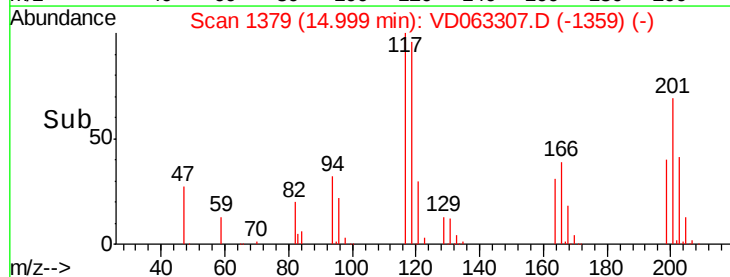
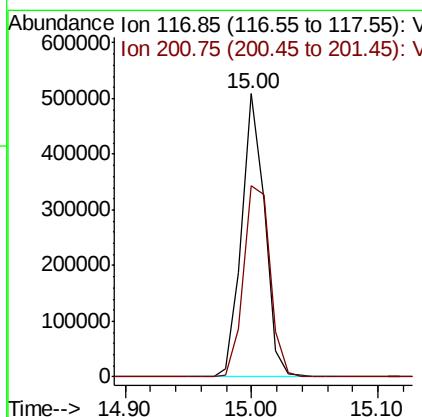
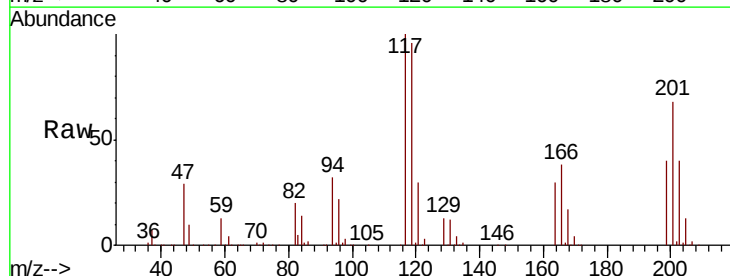
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

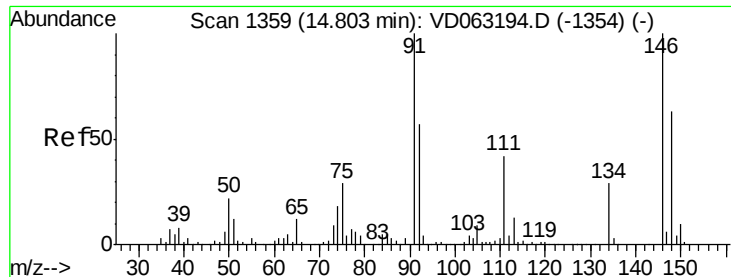
Tgt Ion: 91 Resp: 2099480
Ion Ratio Lower Upper
91 100
92 58.5 28.3 85.0
134 24.6 12.3 36.8



#90
Hexachloroethane
Concen: 56.799 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion: 117 Resp: 641028
Ion Ratio Lower Upper
117 100
201 67.7 35.2 105.6

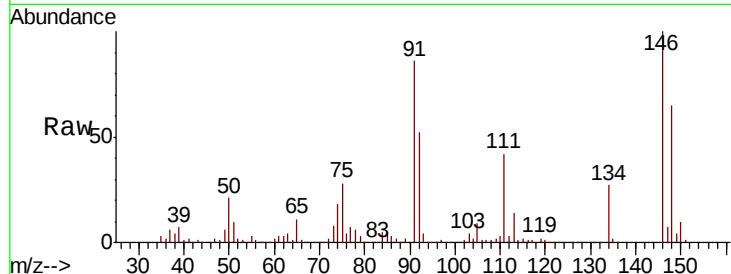




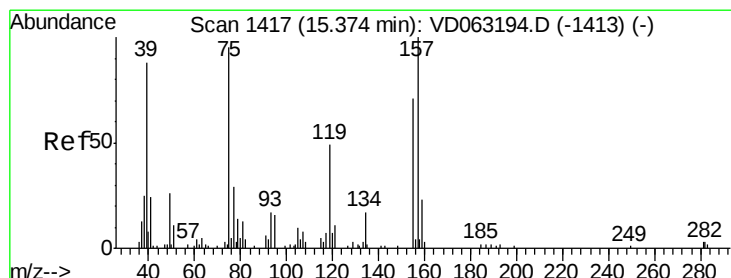
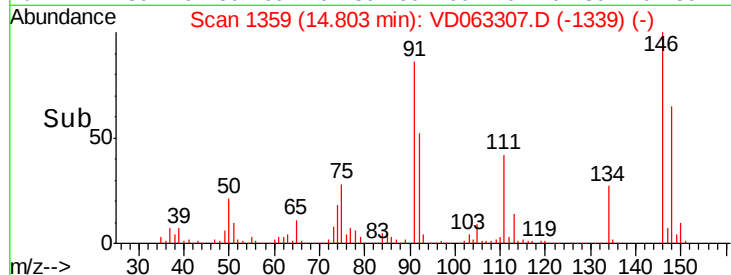
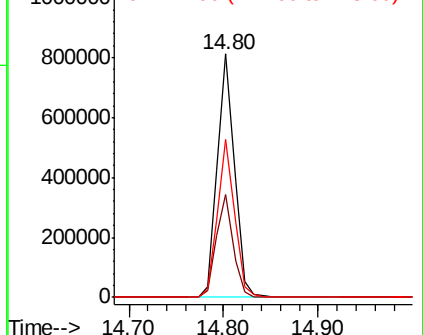
#91
 1,2-Dichlorobenzene
 Concen: 53.383 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 1026362
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.3
 148 64.7 31.6 94.8

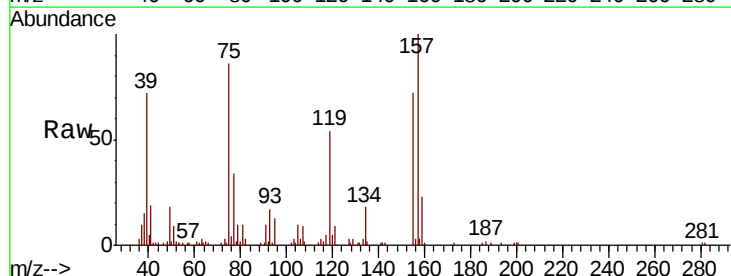


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

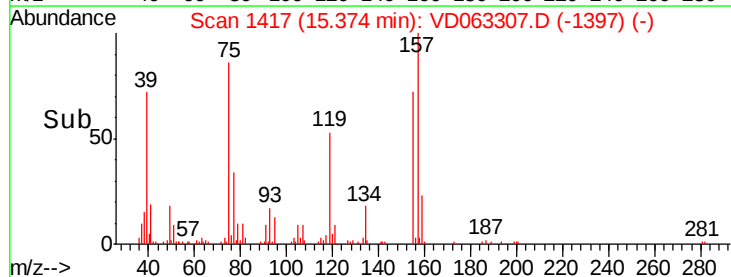
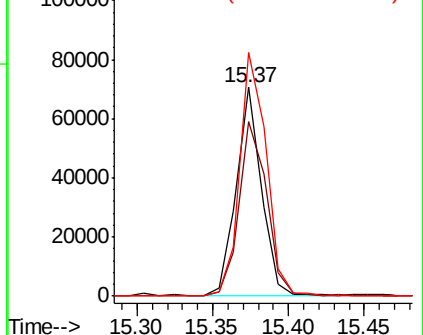


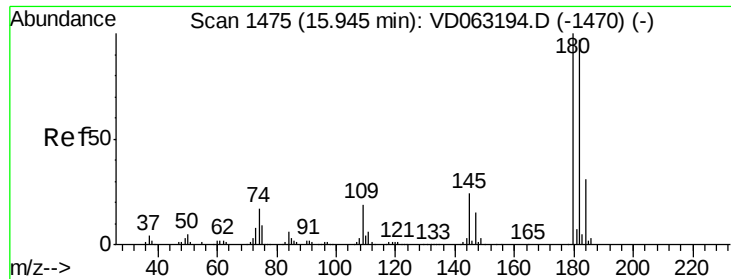
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.744 ug/l
 RT: 15.37 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion: 75 Resp: 81340
 Ion Ratio Lower Upper
 75 100
 155 83.8 37.0 111.0
 157 116.8 52.4 157.2



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

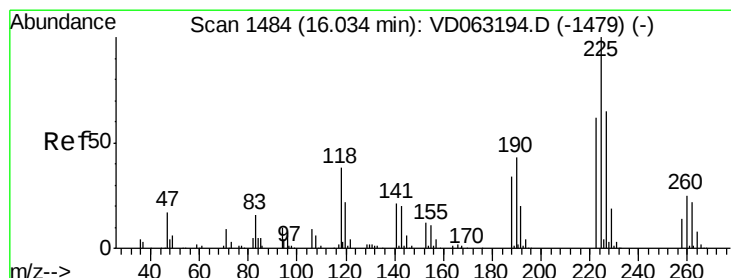
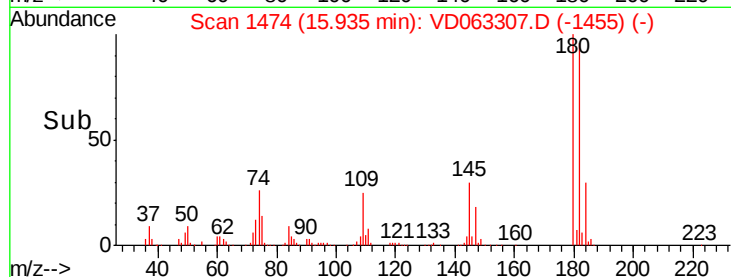
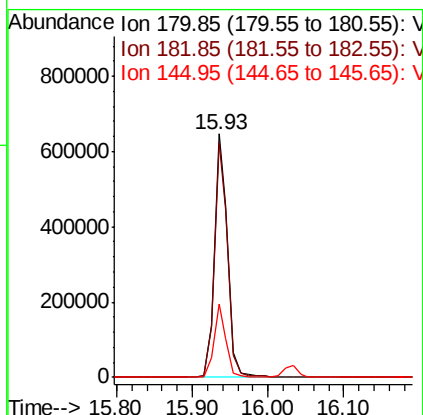
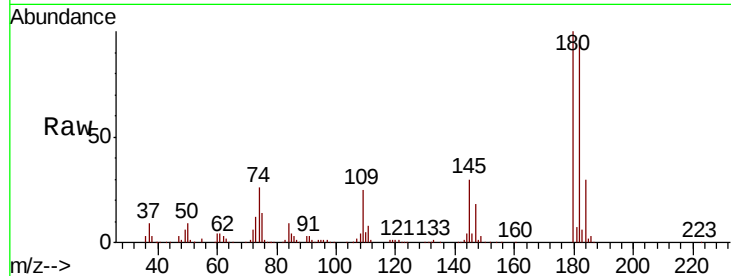




#93
 1,2,4-Trichlorobenzene
 Concen: 52.707 ug/l
 RT: 15.93 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

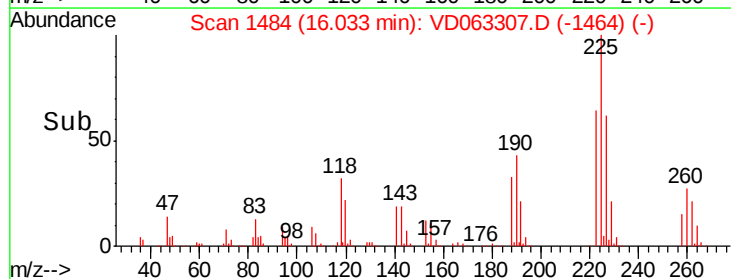
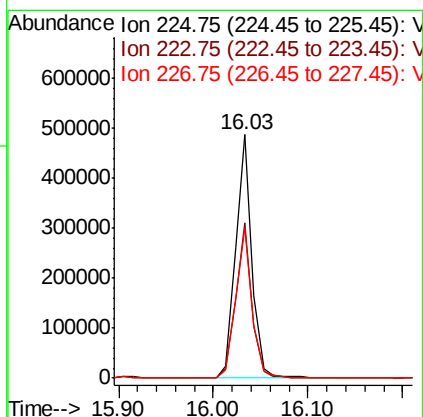
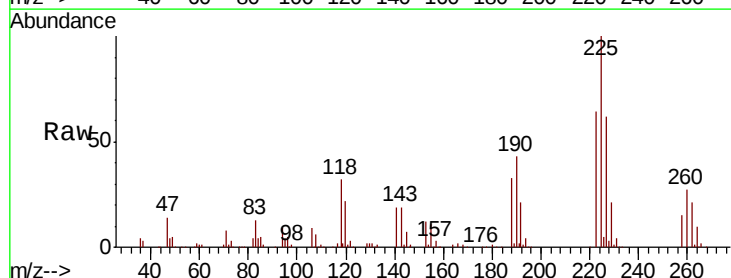
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

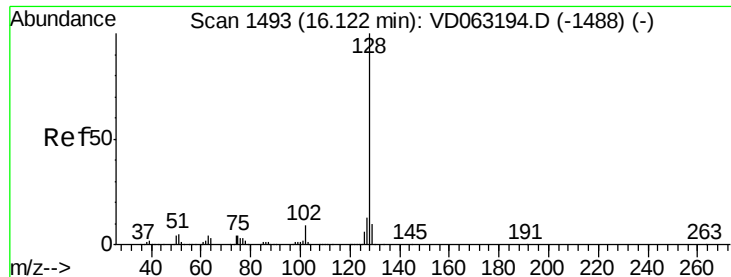
Tgt Ion:180 Resp: 803919
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.6 145.8
 145 30.4 12.2 36.6



#94
 Hexachlorobutadiene
 Concen: 52.407 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD063307.D
 Acq: 2 Aug 2019 10:40

Tgt Ion:225 Resp: 579268
 Ion Ratio Lower Upper
 225 100
 223 63.9 30.9 92.5
 227 61.9 32.6 97.7

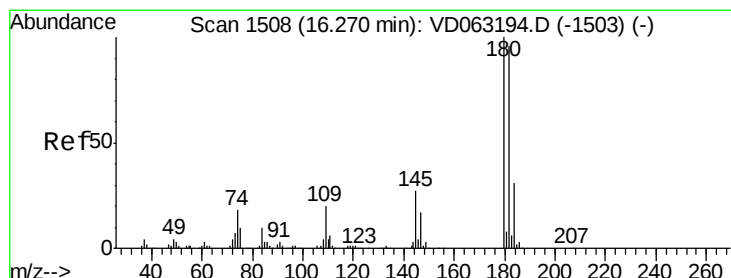
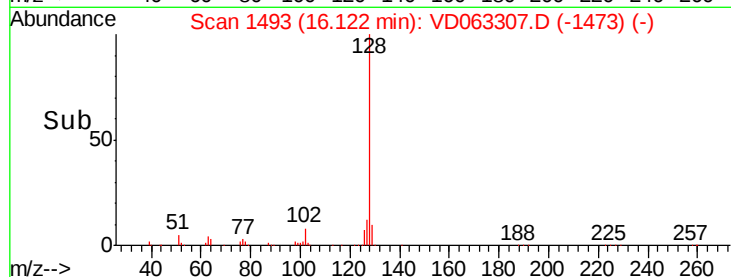
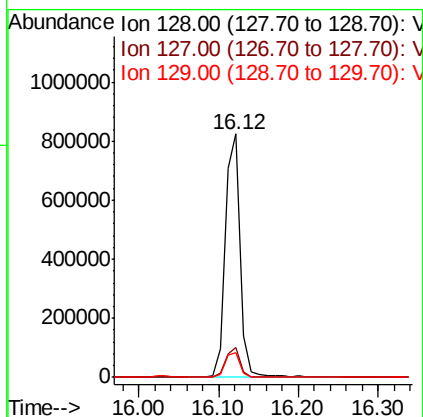
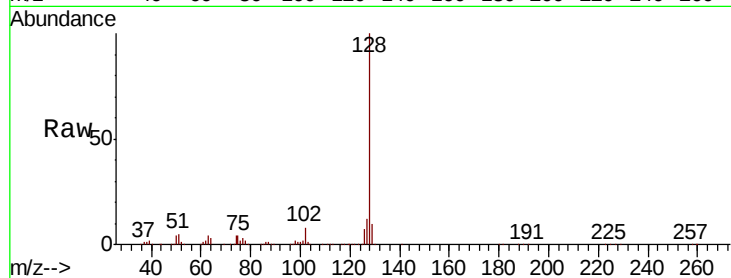




#95
Naphthalene
Concen: 50.190 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1081993
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 10.3 7.8 11.8



#96
1,2,3-Trichlorobenzene
Concen: 52.193 ug/l
RT: 16.26 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VD063307.D
Acq: 2 Aug 2019 10:40

Tgt Ion:180 Resp: 628891
Ion Ratio Lower Upper
180 100
182 93.4 48.3 144.9
145 33.0 13.6 40.7

