

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063194.D
 Acq On : 29 Jul 2019 12:36
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 30 02:22:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:15:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1025388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1406824	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1206008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	632802	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	598456	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	6.91	113	603378	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.40	98	1436765	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	13.55	95	604042	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.56	85	567350	45.234	ug/l	100
3) Chloromethane	1.74	50	440736	45.245	ug/l	100
4) Vinyl Chloride	1.84	62	483946	48.005	ug/l	100
5) Bromomethane	2.14	94	253362	49.831	ug/l	100
6) Chloroethane	2.26	64	225796	48.512	ug/l	100
7) Trichlorofluoromethane	2.52	101	960102	49.091	ug/l	100
8) Diethyl Ether	2.86	74	126869	46.351	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.14	101	482613	44.548	ug/l	100
10) Methyl Iodide	3.29	142	821572	52.495	ug/l	100
11) Tert butyl alcohol	4.06	59	108364	215.807	ug/l	100
12) 1,1-Dichloroethene	3.11	96	369820	46.499	ug/l	100
13) Acrolein	3.03	56	105426	219.393	ug/l	100
14) Allyl chloride	3.60	41	628298	49.570	ug/l	100
15) Acrylonitrile	4.18	53	291198	224.951	ug/l	100
16) Acetone	3.22	43	542416	244.683	ug/l	100
17) Carbon Disulfide	3.36	76	1297956	48.758	ug/l	100
18) Methyl Acetate	3.63	43	185958	43.671	ug/l	100
19) Methyl tert-butyl Ether	4.23	73	847841	47.193	ug/l	100
20) Methylene Chloride	3.80	84	419694	46.838	ug/l	100
21) trans-1,2-Dichloroethene	4.20	96	417072	46.736	ug/l	100
22) Diisopropyl ether	5.11	45	1224563	48.329	ug/l	100
23) Vinyl Acetate	5.05	43	3813474	245.082	ug/l	100
24) 1,1-Dichloroethane	4.97	63	782031	48.367	ug/l	100
25) 2-Butanone	6.06	43	547973	246.307	ug/l	100
26) 2,2-Dichloropropane	6.01	77	836999	50.232	ug/l	100
27) cis-1,2-Dichloroethene	6.02	96	482278	50.407	ug/l	100
28) Bromochloromethane	6.43	49	315168	48.834	ug/l	100
29) Tetrahydrofuran	6.45	42	248158	235.598	ug/l	100
30) Chloroform	6.65	83	959468	47.816	ug/l	100
31) Cyclohexane	6.94	56	476398	47.006	ug/l	100
32) 1,1,1-Trichloroethane	6.86	97	944186	48.647	ug/l	100
36) 1,1-Dichloropropene	7.13	75	654081	50.945	ug/l	100
37) Ethyl Acetate	6.17	43	250234	43.472	ug/l	100
38) Carbon Tetrachloride	7.10	117	1019354	52.738	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	534591	49.975	ug/l	100
40) Benzene	7.44	78	1389302	51.631	ug/l	100
41) Methacrylonitrile	6.45	41	335531	48.629	ug/l	100
42) 1,2-Dichloroethane	7.57	62	706854	49.566	ug/l	100
43) Isopropyl Acetate	9.23	43	355045	48.187	ug/l	100
44) Trichloroethene	8.53	130	538267	49.366	ug/l	100
45) 1,2-Dichloropropane	8.93	63	336240	49.162	ug/l	100
46) Dibromomethane	9.05	93	278569	48.985	ug/l	100
47) Bromodichloromethane	9.37	83	717478	49.494	ug/l	100
48) Methyl methacrylate	9.11	41	244065	51.074	ug/l	100
49) 1,4-Dioxane	9.07	88	40059	1013.240	ug/l	100
51) 4-Methyl-2-Pentanone	10.29	43	1225179	244.502	ug/l	100
52) Toluene	10.50	92	849532	47.469	ug/l	100
53) t-1,3-Dichloropropene	10.90	75	635272	50.831	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	669257	50.953	ug/l	100
55) 1,1,2-Trichloroethane	11.18	97	290493	48.061	ug/l	100
56) Ethyl methacrylate	11.03	69	335027	50.618	ug/l	100
57) 1,3-Dichloropropane	11.40	76	482982	50.716	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.85	63	858987	249.417	ug/l	100
59) 2-Hexanone	11.53	43	841408	233.007	ug/l	100
60) Dibromochloromethane	11.68	129	581888	50.995	ug/l	100
61) 1,2-Dibromoethane	11.80	107	363800	48.778	ug/l	100
64) Tetrachloroethene	11.25	164	439760	45.771	ug/l	100
65) Chlorobenzene	12.39	112	1153902	49.744	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	496833	48.623	ug/l	100
67) Ethyl Benzene	12.52	91	1893992	48.063	ug/l	100
68) m/p-Xylenes	12.66	106	1379373	95.448	ug/l	100
69) o-Xylene	13.04	106	607912	45.808	ug/l	100
70) Styrene	13.07	104	1155093	49.080	ug/l	100
71) Bromoform	13.23	173	361854	48.697	ug/l	100
73) Isopropylbenzene	13.40	105	1967874	49.548	ug/l	100
74) N-amyl acetate	13.26	43	517087	49.249	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.69	83	331848	49.189	ug/l	100
76) 1,2,3-Trichloropropane	13.73	75	386028	50.788	ug/l	100
77) Bromobenzene	13.66	156	542143	47.918	ug/l	100
78) n-propylbenzene	13.77	91	2379919	50.354	ug/l	100
79) 2-Chlorotoluene	13.84	91	1326344	48.431	ug/l	100
80) 1,3,5-Trimethylbenzene	13.93	105	1586498	46.314	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.46	75	106487	50.454	ug/l	100
82) 4-Chlorotoluene	13.95	91	1498734	46.501	ug/l	100
83) tert-Butylbenzene	14.18	119	1887881	48.267	ug/l	100
84) 1,2,4-Trimethylbenzene	14.23	105	1756642	49.578	ug/l	100
85) sec-Butylbenzene	14.36	105	1958278	47.521	ug/l	100
86) p-Isopropyltoluene	14.49	119	1848881	47.007	ug/l	100
87) 1,3-Dichlorobenzene	14.45	146	947665	47.297	ug/l	100
88) 1,4-Dichlorobenzene	14.54	146	984605	48.596	ug/l	100
89) n-Butylbenzene	14.79	91	1685487	49.616	ug/l	100
90) Hexachloroethane	15.00	117	482788	47.114	ug/l	100
91) 1,2-Dichlorobenzene	14.80	146	872203	49.962	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.37	75	54413	39.596	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 02:15:48 2019
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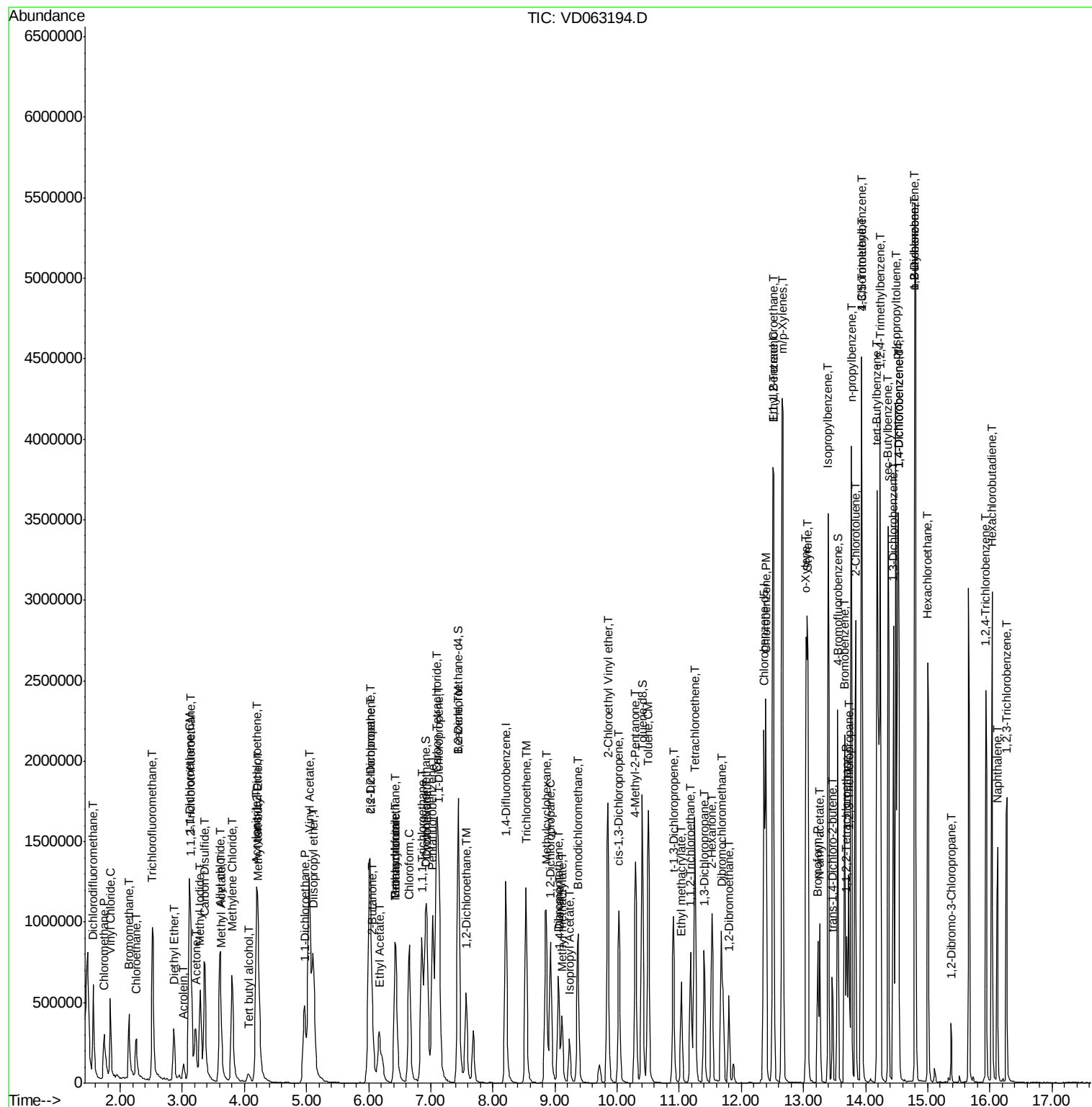
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	654199	47.238	ug/l	100
94) Hexachlorobutadiene	16.03	225	493040	49.127	ug/l	100
95) Naphthalene	16.12	128	938212	47.931	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	511545	46.757	ug/l	100

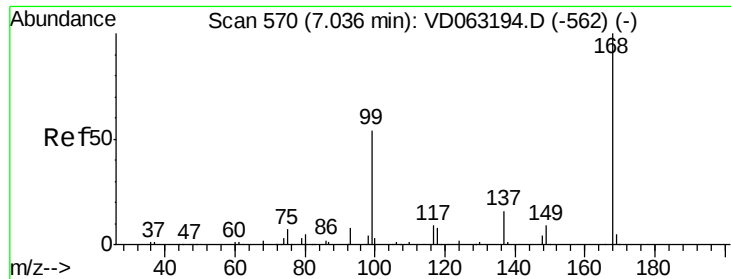
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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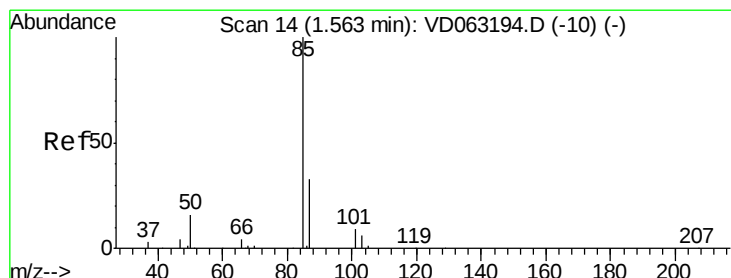
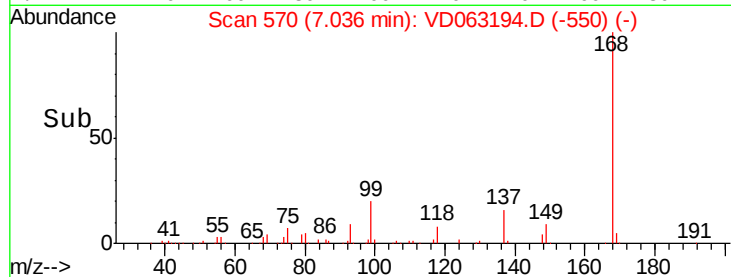
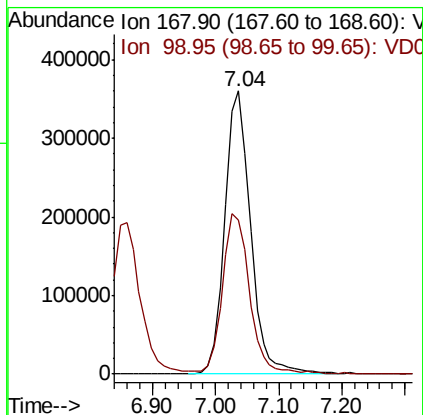
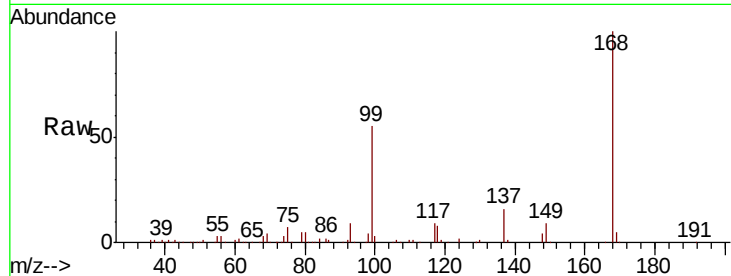


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VD063194.D
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Instrument :
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 ClientSampleId :
 VSTDICCC050

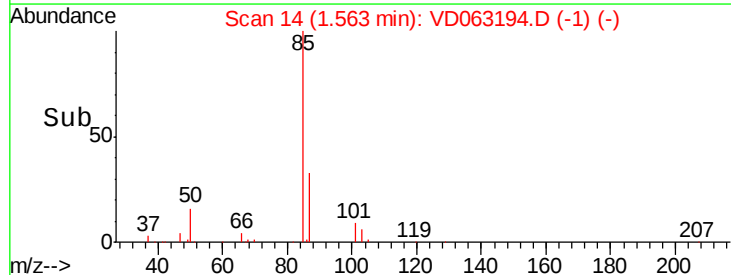
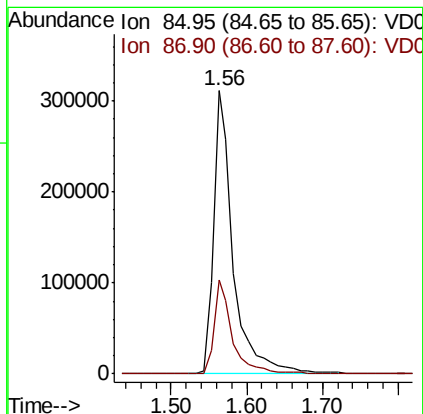
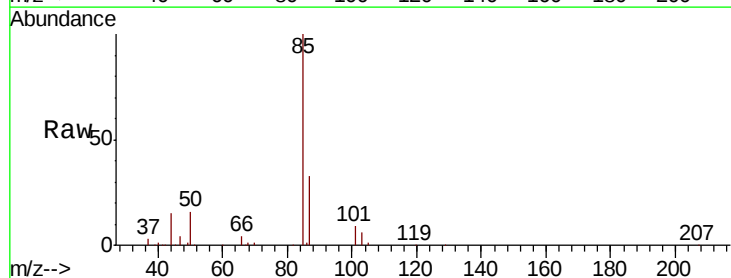
Tot Ion:168 Resp: 1025388
 Ion Ratio Lower Upper
 168 100
 99 54.6 43.7 65.5

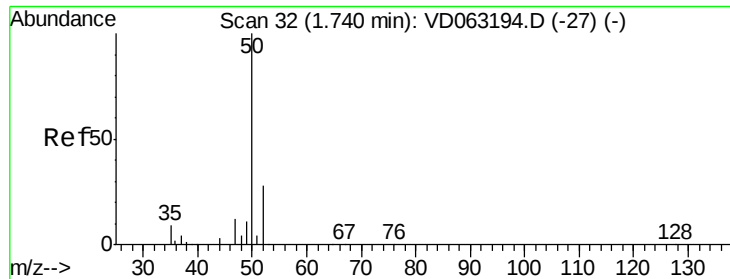


#2

Dichlorodifluoromethane
 Concen: 45.234 ug/l
 RT: 1.56 min Scan# 14
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Tgt Ion: 85 Resp: 567350
 Ion Ratio Lower Upper
 85 100
 87 33.1 16.6 49.7





#3

Chloromethane

Concen: 45.245 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

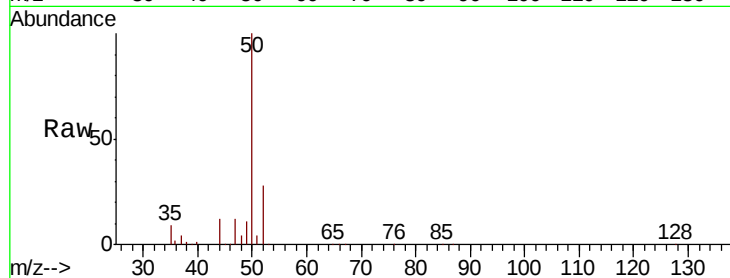
VSTDICCC050

Tot Ion: 50 Resp: 440736

Ion Ratio Lower Upper

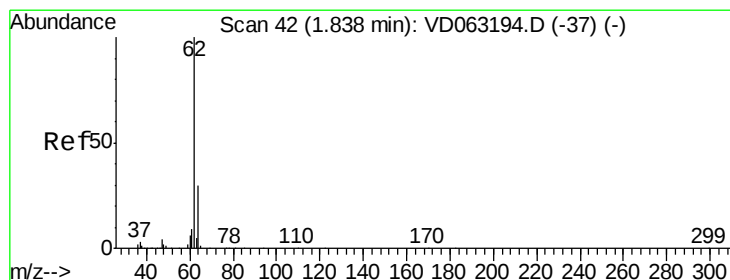
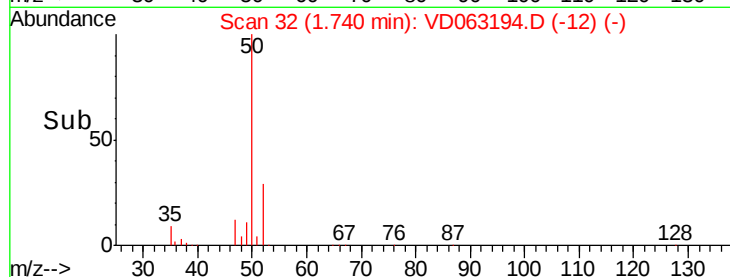
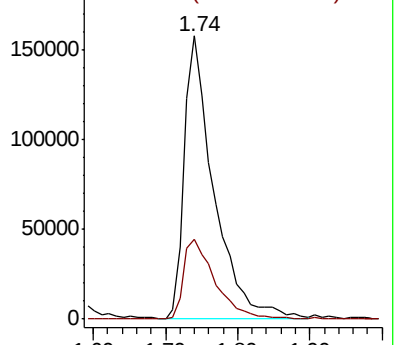
50 100

52 28.3 22.6 34.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.005 ug/l

RT: 1.84 min Scan# 42

Delta R.T. 0.00 min

Lab File: VD063194.D

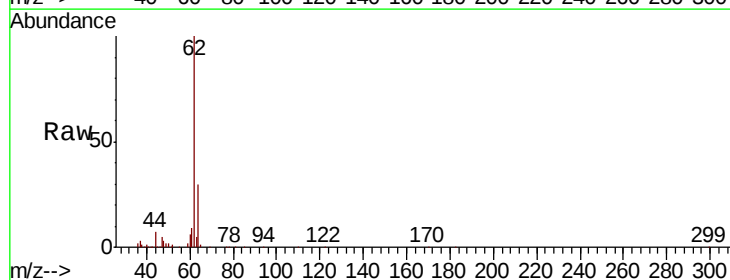
Acq: 29 Jul 2019 12:36

Tgt Ion: 62 Resp: 483946

Ion Ratio Lower Upper

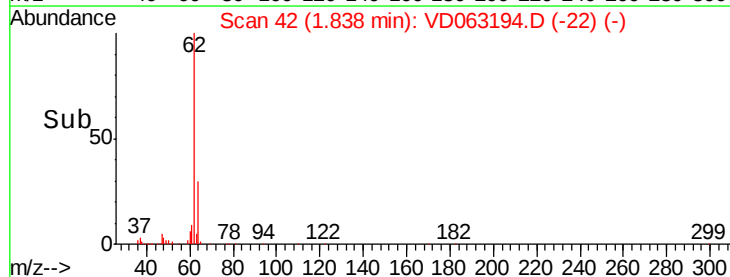
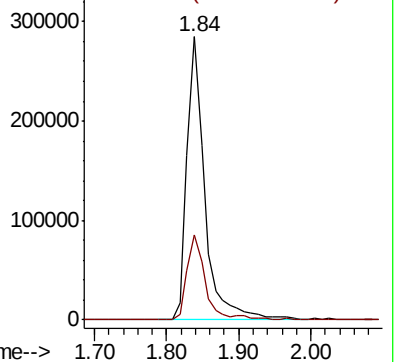
62 100

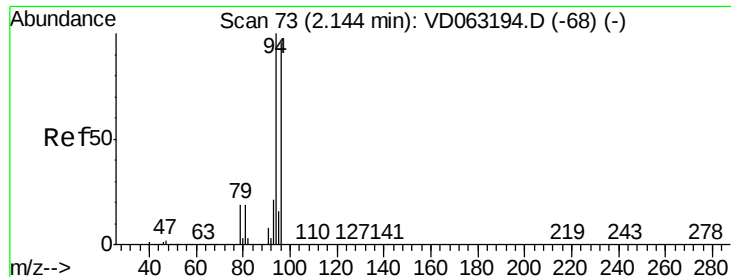
64 30.1 24.1 36.1



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 49.831 ug/l

RT: 2.14 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

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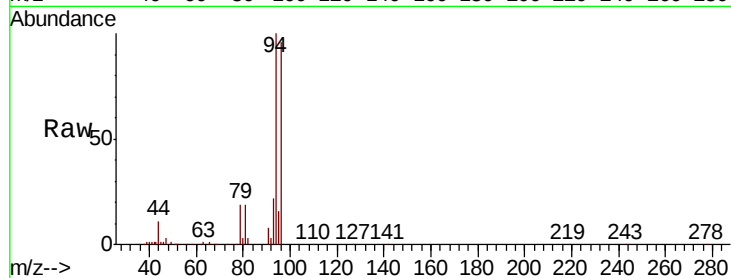
Tot Ion: 94 Resp: 253362

Ion Ratio Lower Upper

94 100

96 95.5 76.4 114.6

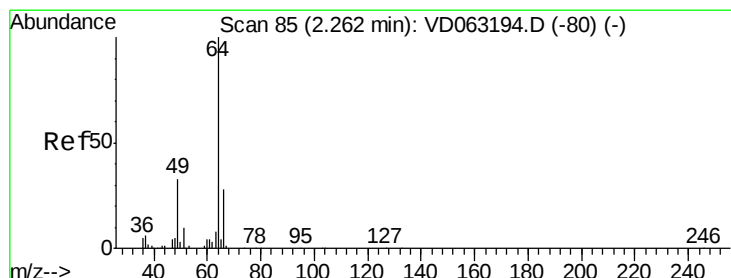
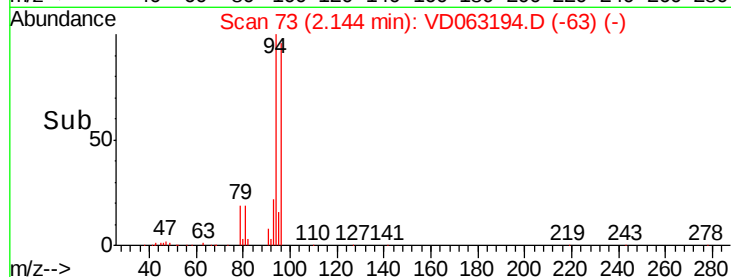
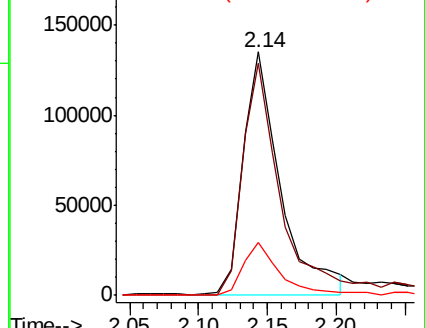
93 21.6 17.3 25.9



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: 48.512 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VD063194.D

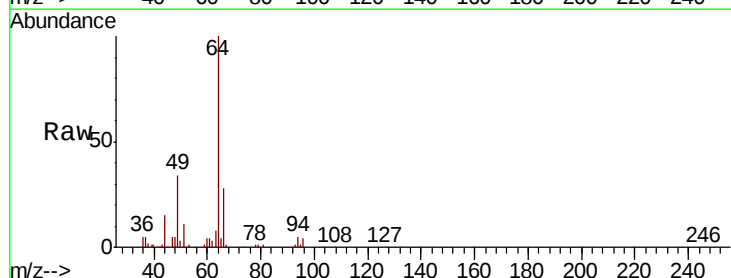
Acq: 29 Jul 2019 12:36

Tgt Ion: 64 Resp: 225796

Ion Ratio Lower Upper

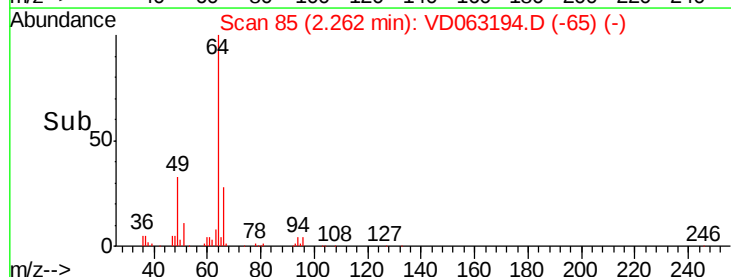
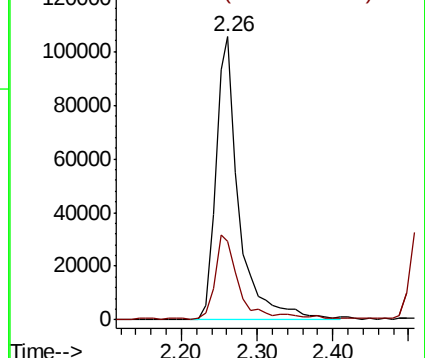
64 100

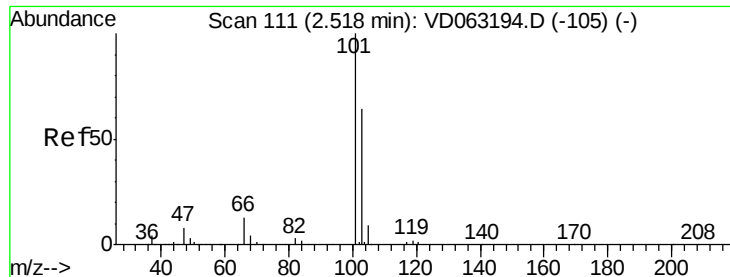
66 27.7 22.2 33.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



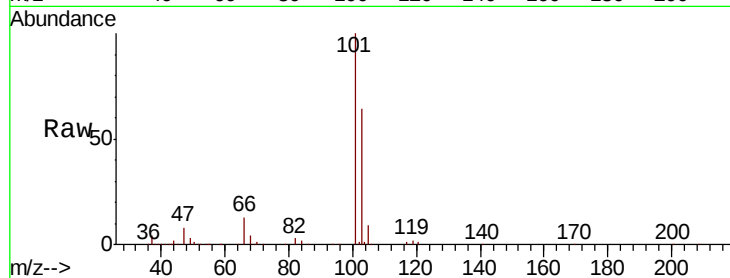


#7

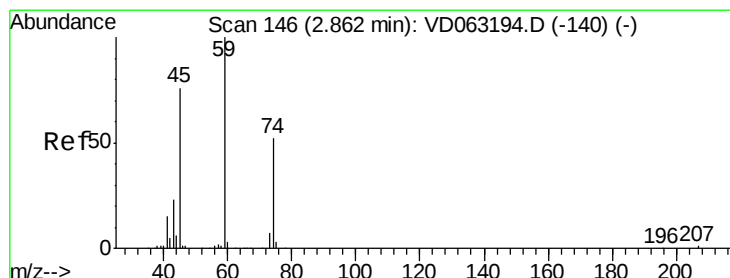
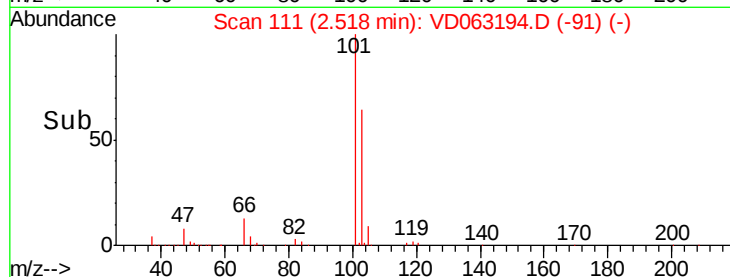
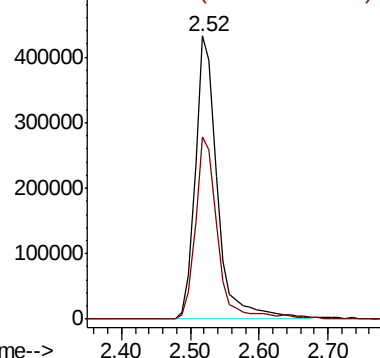
Trichlorofluoromethane
Concen: 49.091 ug/l
RT: 2.52 min Scan# 111
Delta R.T. 0.00 min
Lab File: VD063194.D
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Tot Ion:101 Resp: 960102
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3



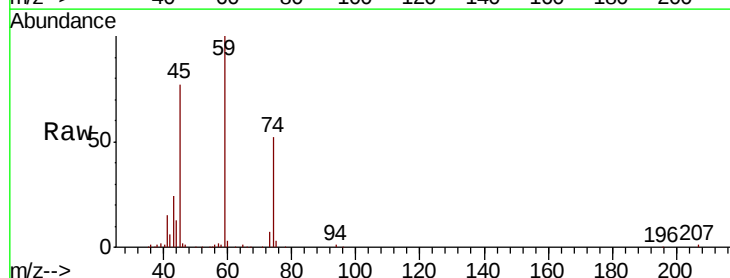
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



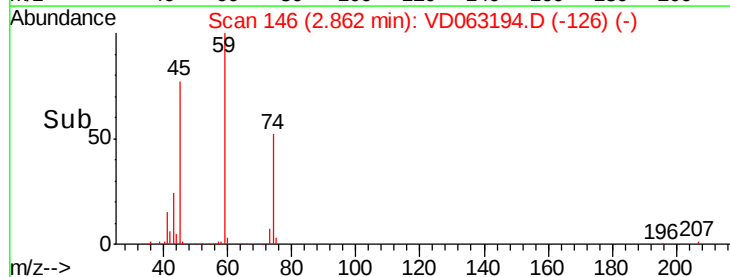
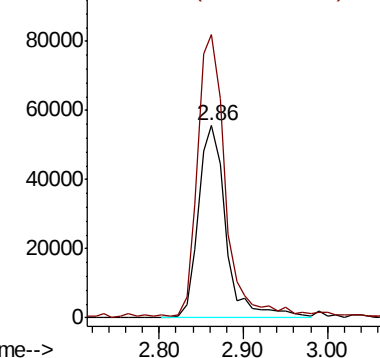
#8

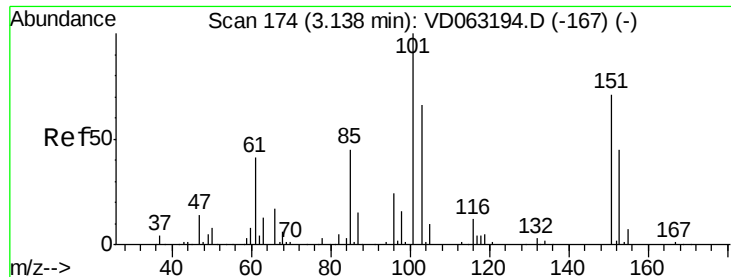
Diethyl Ether
Concen: 46.351 ug/l
RT: 2.86 min Scan# 146
Delta R.T. 0.00 min
Lab File: VD063194.D
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Tgt Ion: 74 Resp: 126869
Ion Ratio Lower Upper
74 100
45 147.2 73.6 220.8



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.548 ug/l

RT: 3.14 min Scan# 174

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

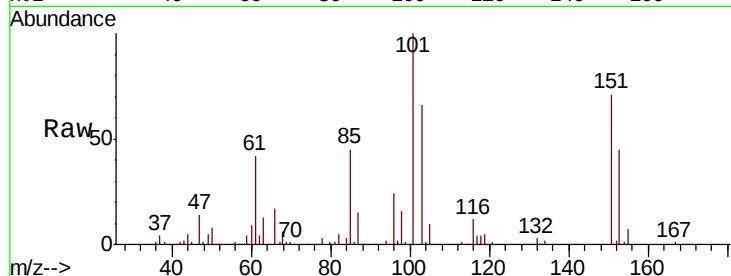
Tot Ion:101 Resp: 482613

Ion Ratio Lower Upper

101 100

85 45.1 36.1 54.1

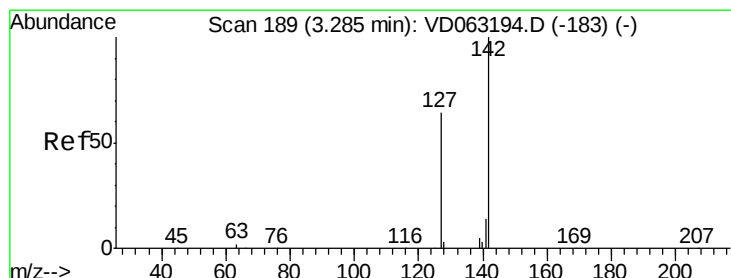
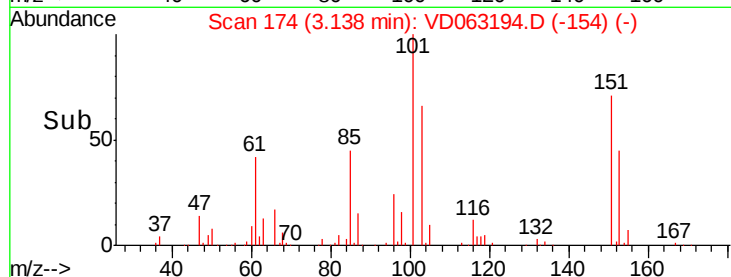
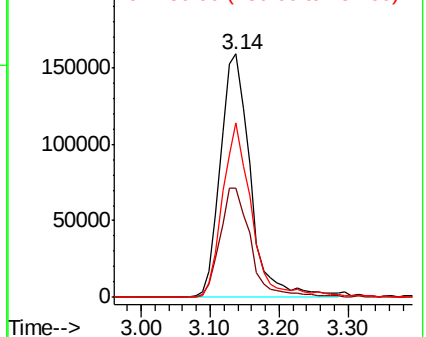
151 71.4 57.1 85.7



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: 52.495 ug/l

RT: 3.29 min Scan# 189

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

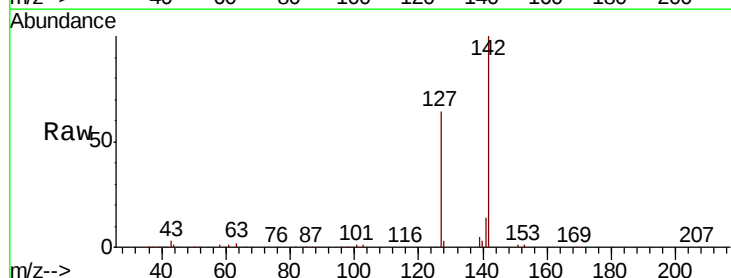
Tgt Ion:142 Resp: 821572

Ion Ratio Lower Upper

142 100

127 63.5 50.8 76.2

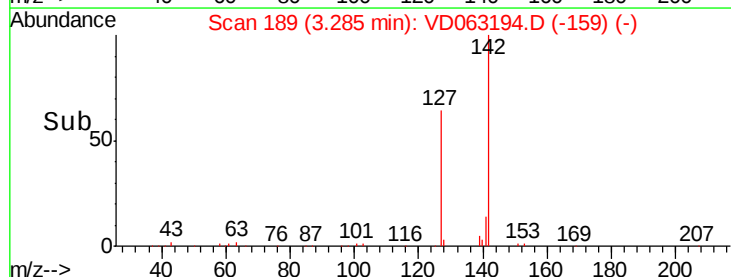
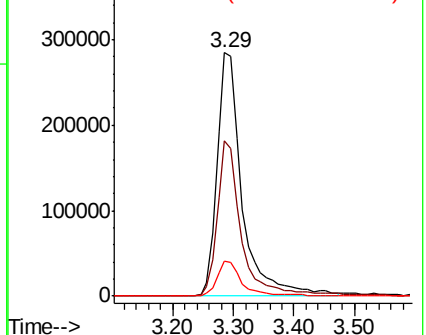
141 14.3 11.4 17.2

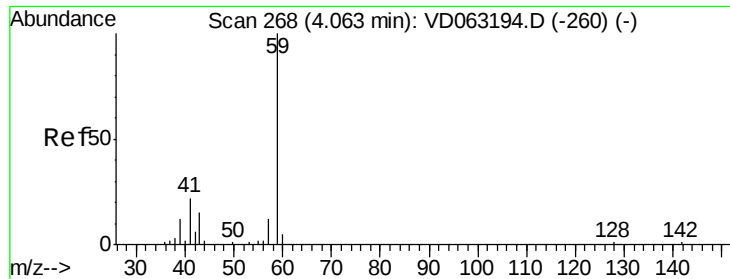


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

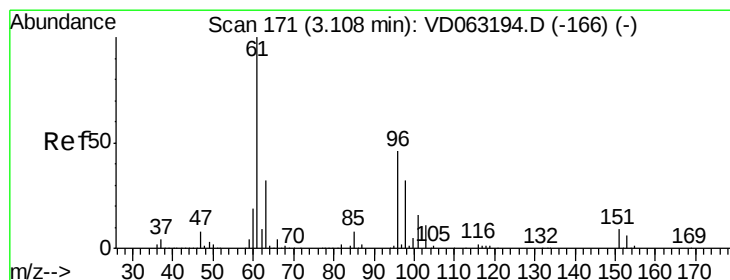
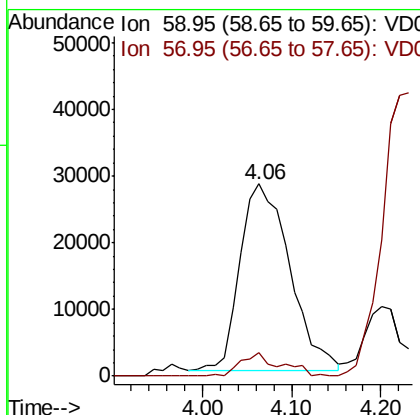
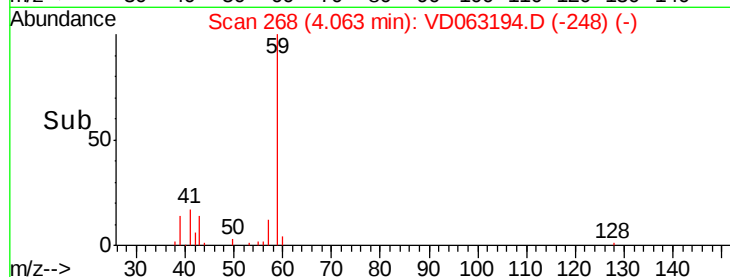
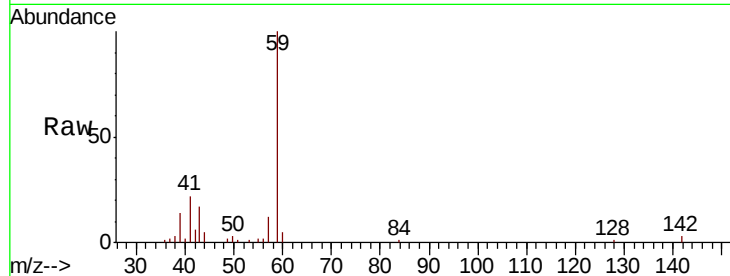




#11
Tert butyl alcohol
Concen: 215.807 ug/l
RT: 4.06 min Scan# 268
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

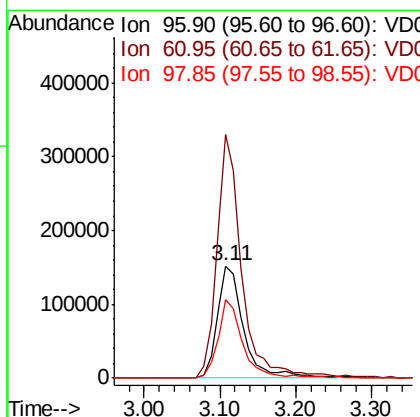
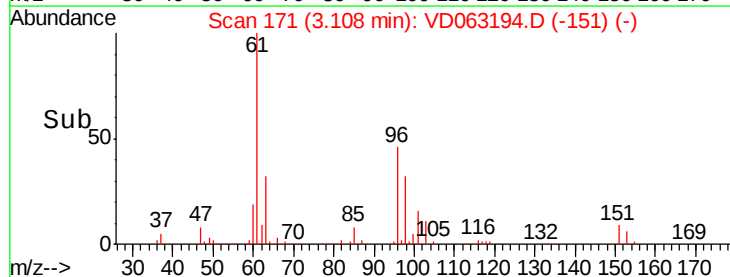
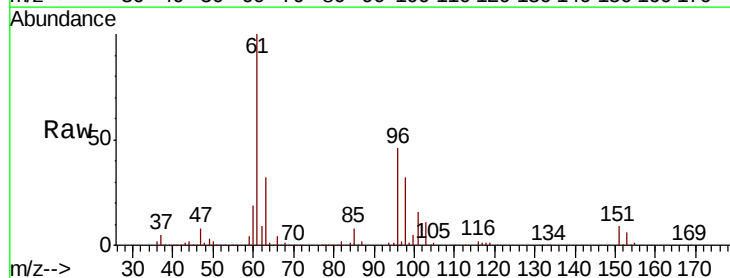
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

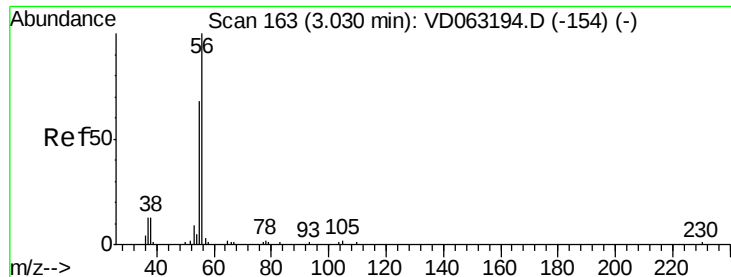
Tot Ion: 59 Resp: 108364
Ion Ratio Lower Upper
59 100
57 12.0 9.6 14.4



#12
1,1-Dichloroethene
Concen: 46.499 ug/l
RT: 3.11 min Scan# 171
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion: 96 Resp: 369820
Ion Ratio Lower Upper
96 100
61 217.1 173.7 260.5
98 69.8 55.8 83.8

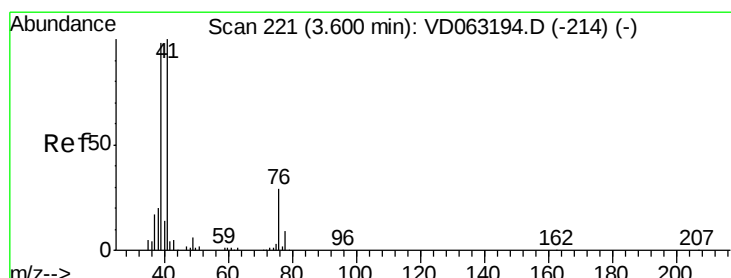
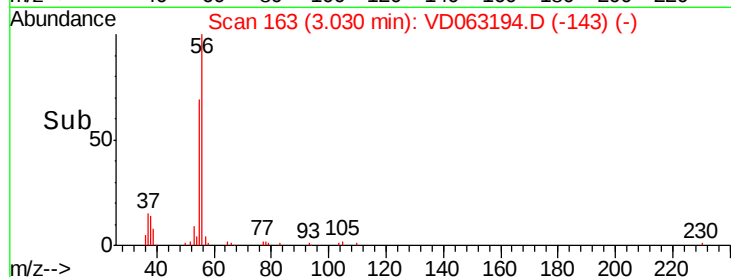
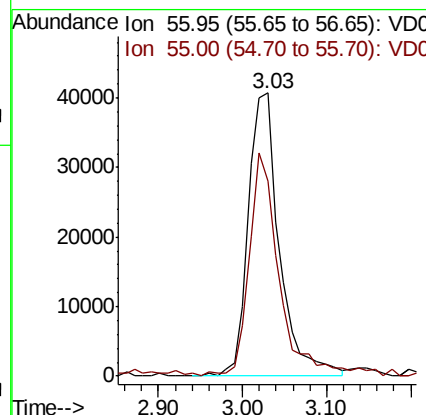
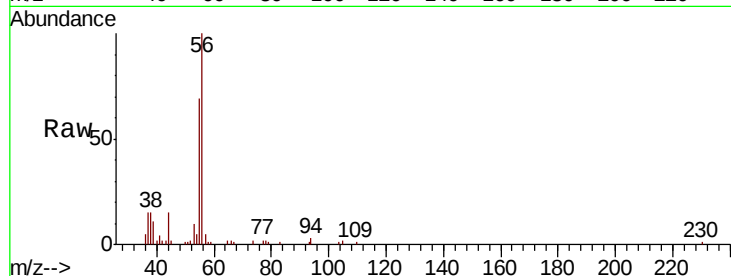




#13
Acrolein
Concen: 219.393 ug/l
RT: 3.03 min Scan# 163
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

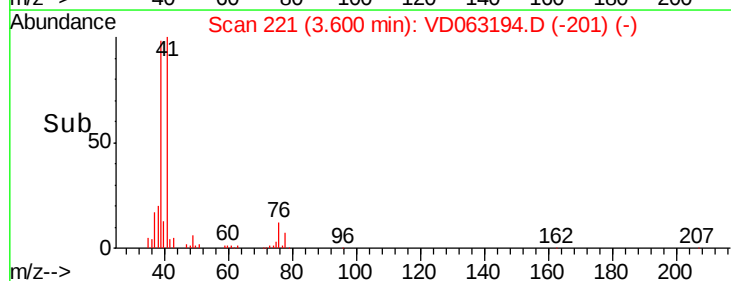
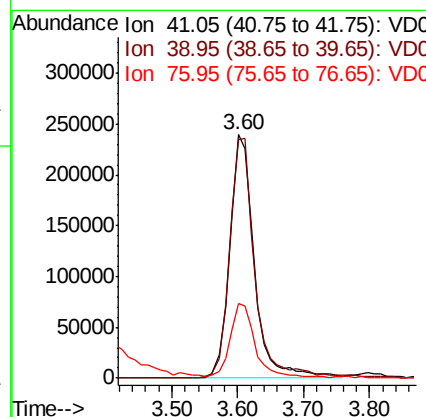
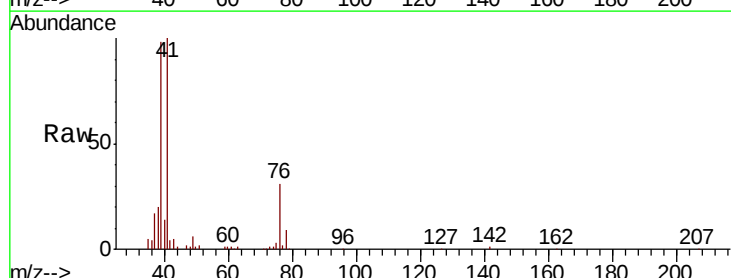
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

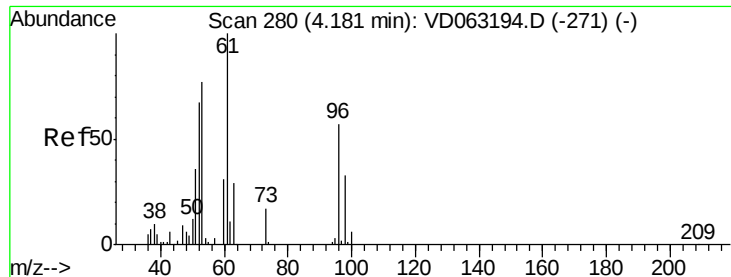
Tot Ion: 56 Resp: 105426
Ion Ratio Lower Upper
56 100
55 69.1 55.3 82.9



#14
Allyl chloride
Concen: 49.570 ug/l
RT: 3.60 min Scan# 221
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion: 41 Resp: 628298
Ion Ratio Lower Upper
41 100
39 98.2 78.6 117.8
76 30.6 24.5 36.7





#15

Acrylonitrile

Concen: 224.951 ug/l

RT: 4.18 min Scan# 280

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

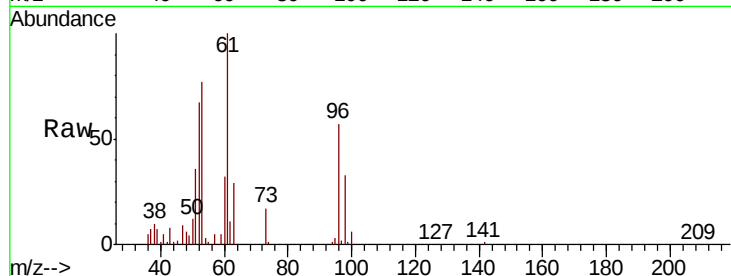
Tot Ion: 53 Resp: 291198

Ion Ratio Lower Upper

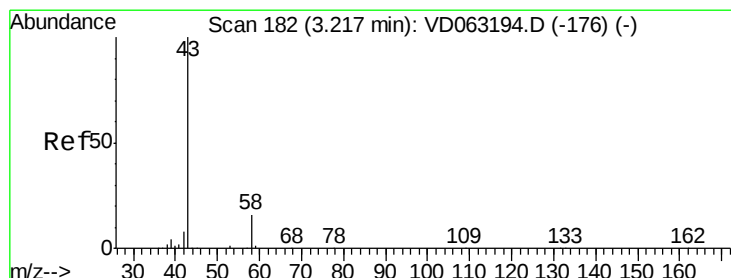
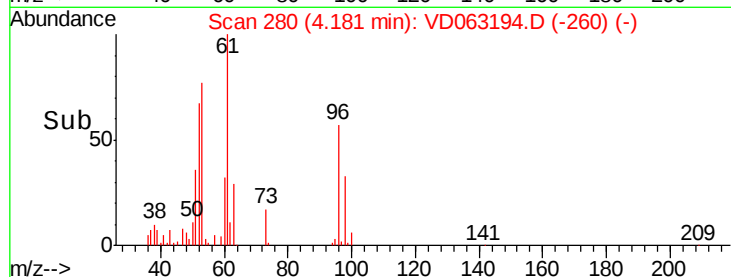
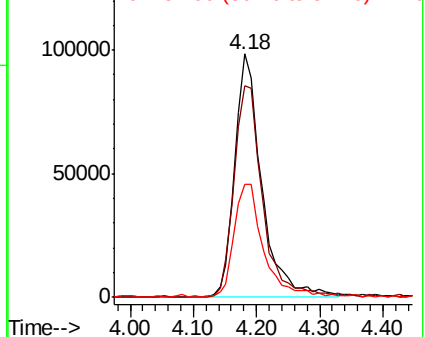
53 100

52 87.1 69.7 104.5

51 46.7 37.4 56.0



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 244.683 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063194.D

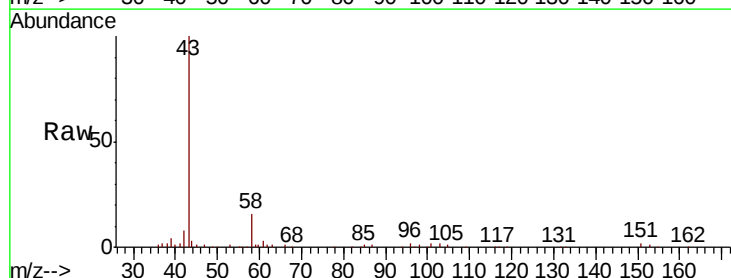
Acq: 29 Jul 2019 12:36

Tgt Ion: 43 Resp: 542416

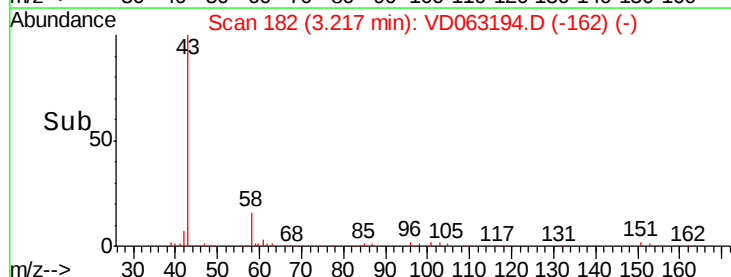
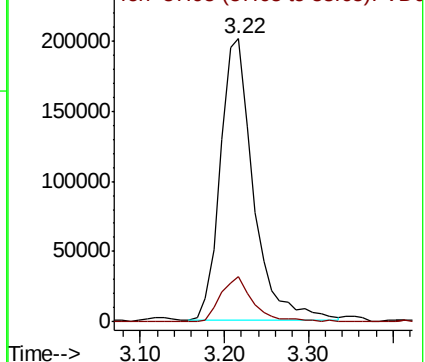
Ion Ratio Lower Upper

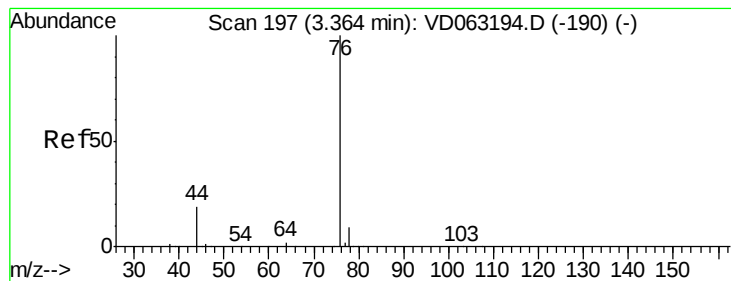
43 100

58 16.2 13.0 19.4



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





#17

Carbon Disulfide

Concen: 48.758 ug/l

RT: 3.36 min Scan# 197

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

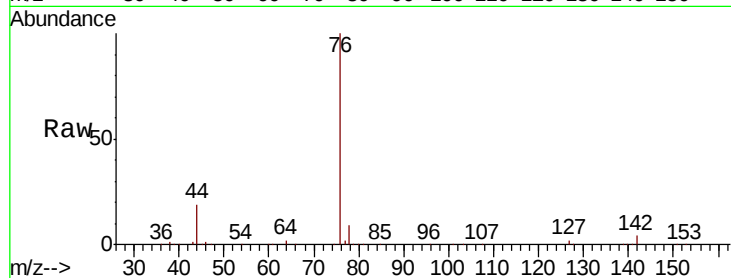
VSTDICCC050

Tot Ion: 76 Resp: 1297956

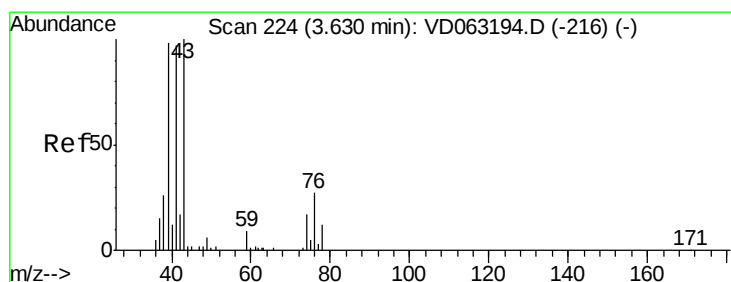
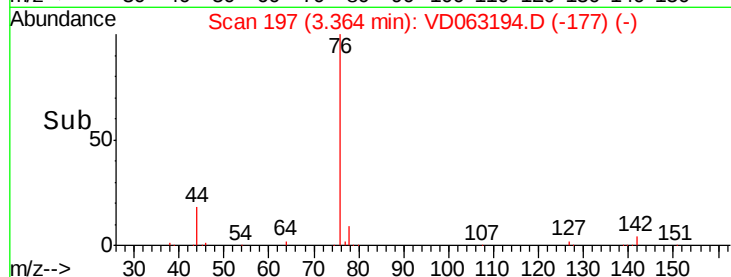
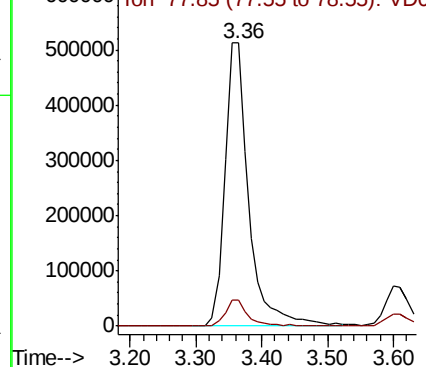
Ion Ratio Lower Upper

76 100

78 9.3 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: 43.671 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD063194.D

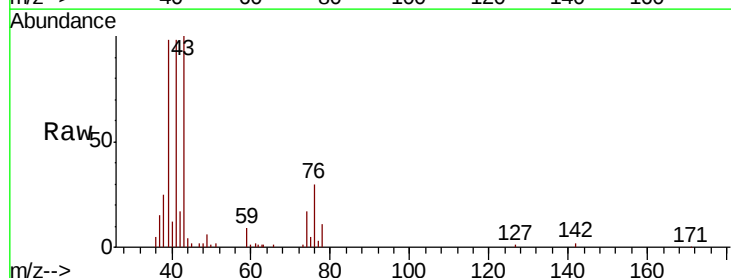
Acq: 29 Jul 2019 12:36

Tgt Ion: 43 Resp: 185958

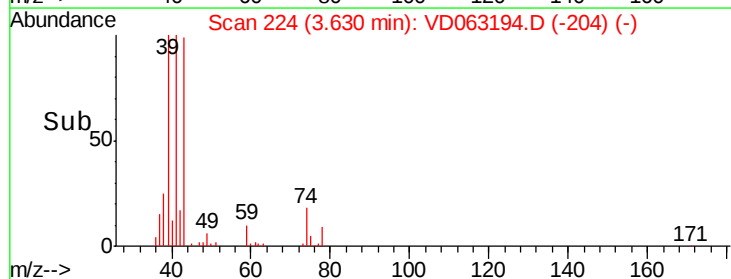
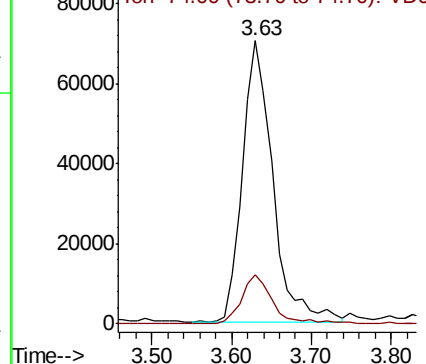
Ion Ratio Lower Upper

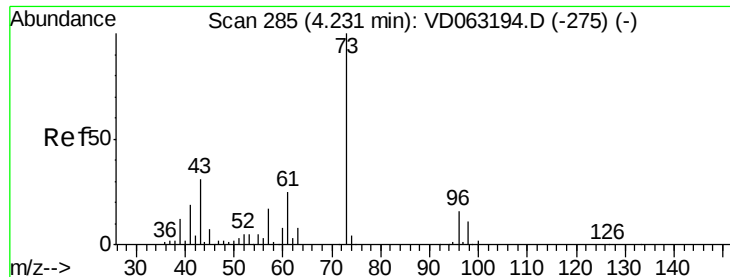
43 100

74 17.3 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

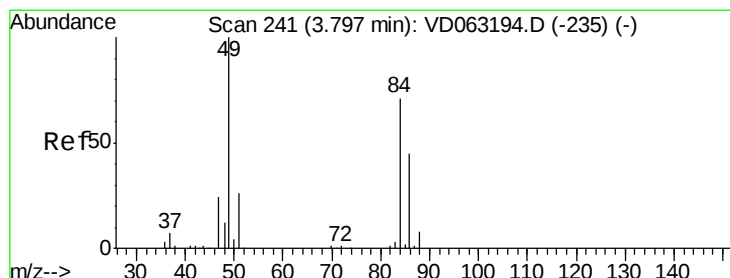
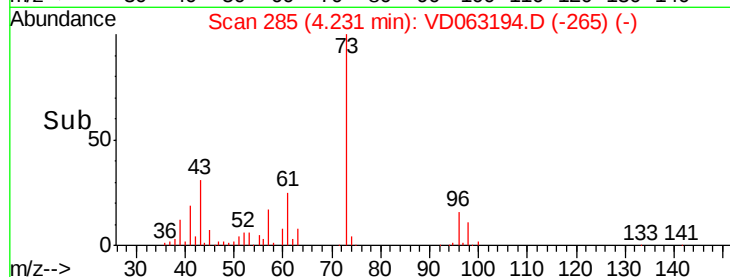
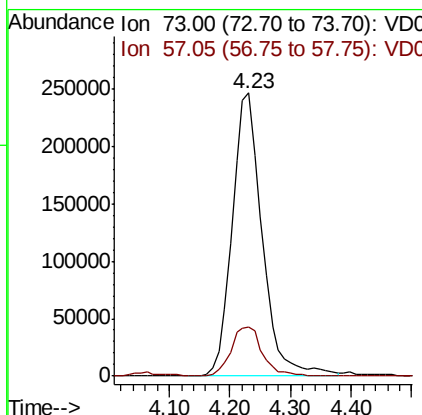
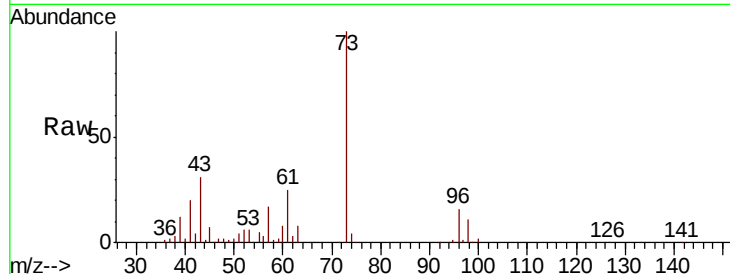




#19
Methyl tert-butyl Ether
Concen: 47.193 ug/l
RT: 4.23 min Scan# 285
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

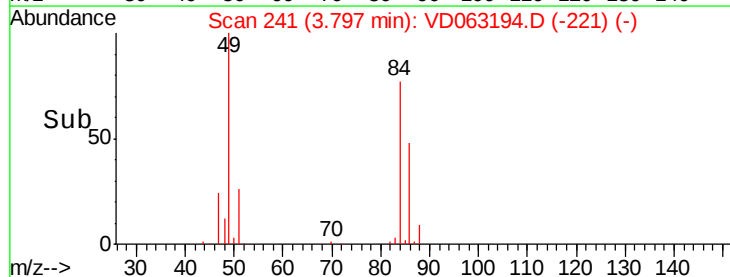
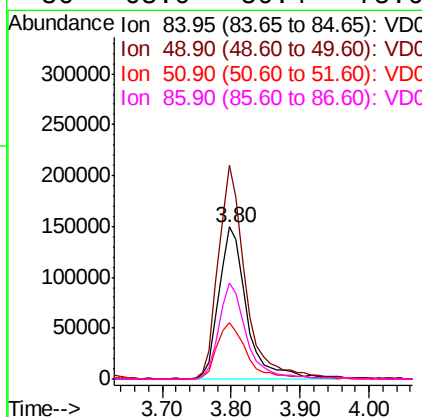
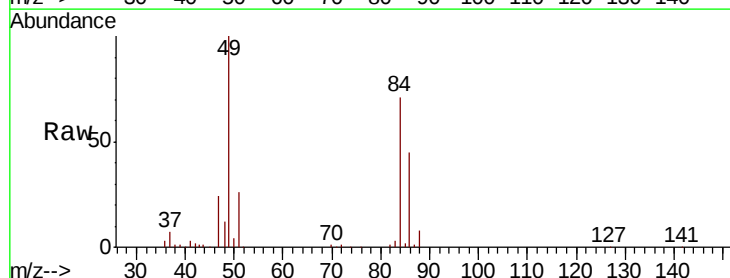
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

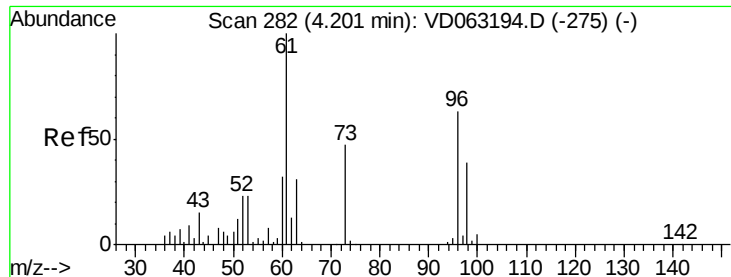
Tot Ion: 73 Resp: 847841
Ion Ratio Lower Upper
73 100
57 17.2 13.8 20.6



#20
Methylene Chloride
Concen: 46.838 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion: 84 Resp: 419694
Ion Ratio Lower Upper
84 100
49 140.6 112.5 168.7
51 37.0 29.6 44.4
86 63.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 46.736 ug/l

RT: 4.20 min Scan# 282

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

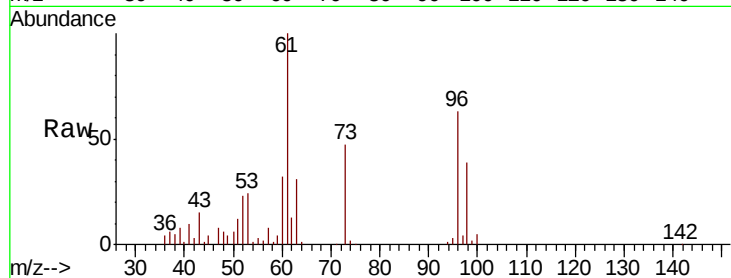
Tot Ion: 96 Resp: 417072

Ion Ratio Lower Upper

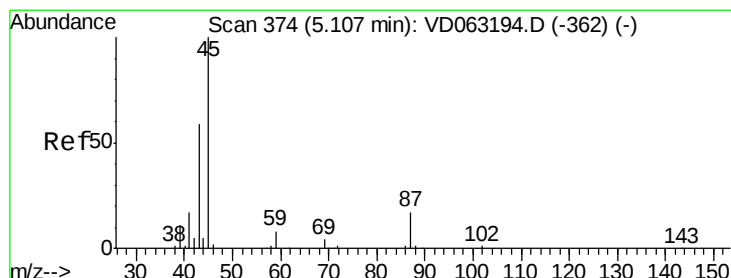
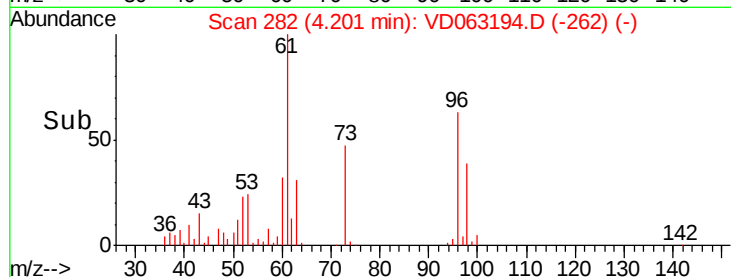
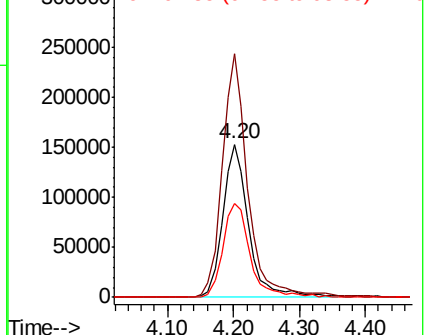
96 100

61 159.3 127.4 191.2

98 61.6 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: 48.329 ug/l

RT: 5.11 min Scan# 374

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Tgt Ion: 45 Resp: 1224563

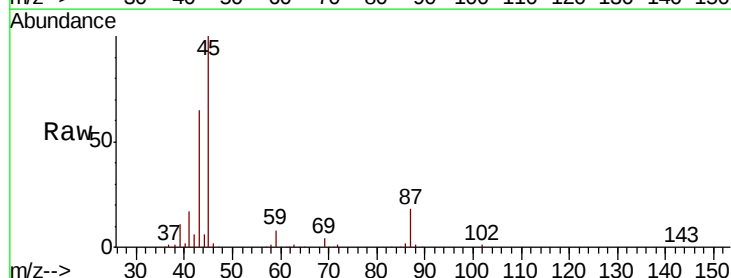
Ion Ratio Lower Upper

45 100

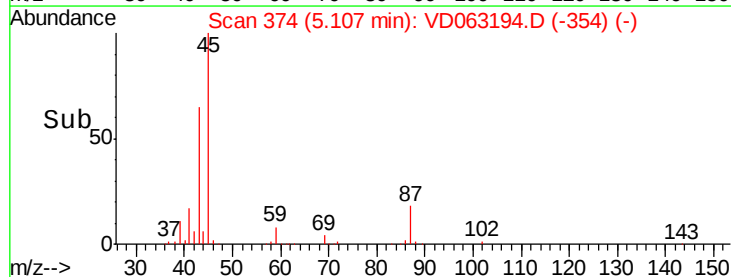
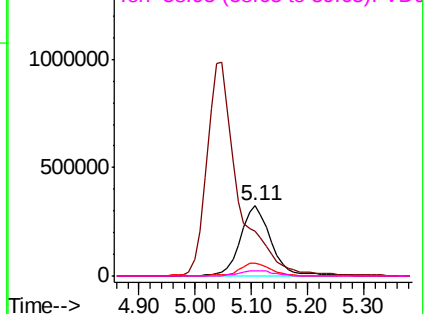
43 64.6 51.7 77.5

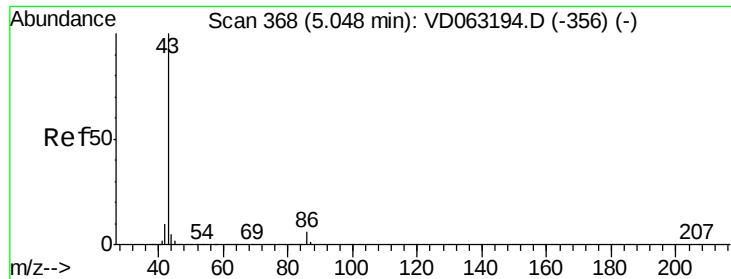
87 18.2 14.6 21.8

59 8.3 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

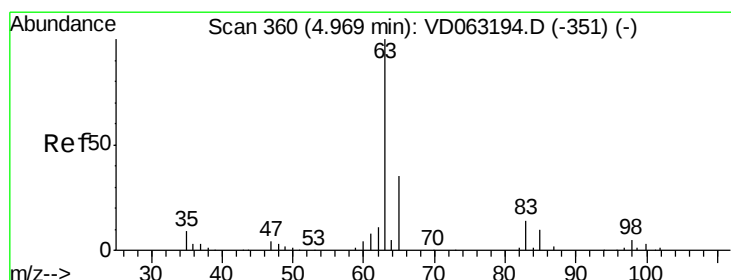
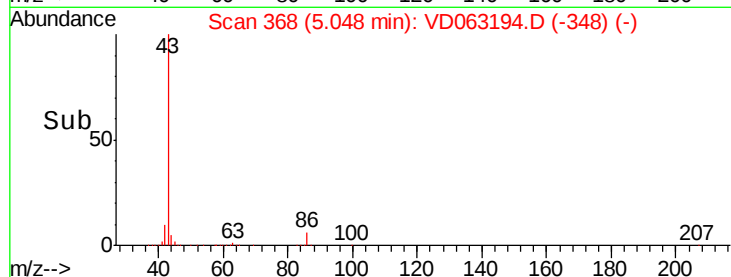
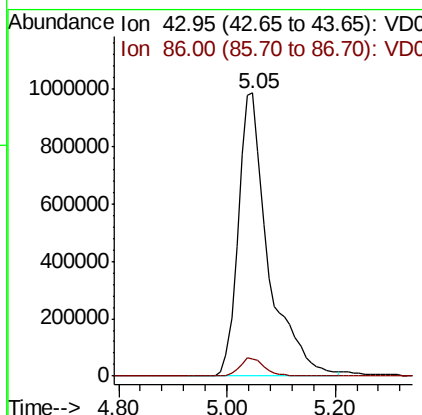
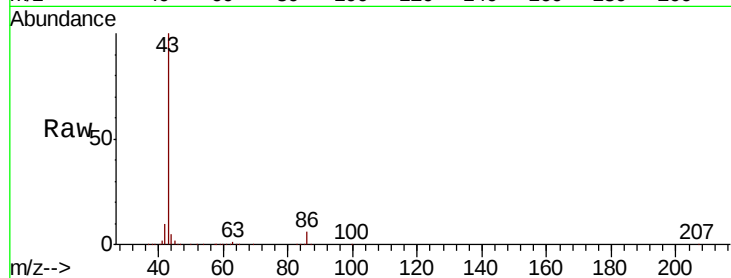




#23
 Vinyl Acetate
 Concen: 245.082 ug/l
 RT: 5.05 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

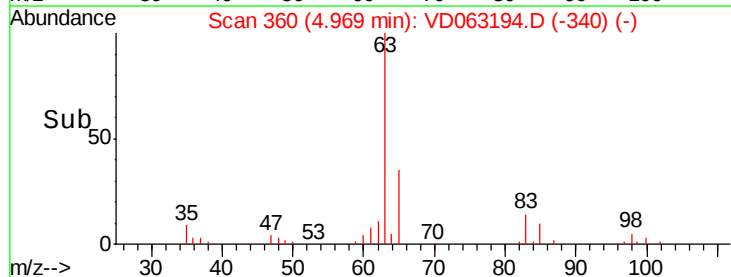
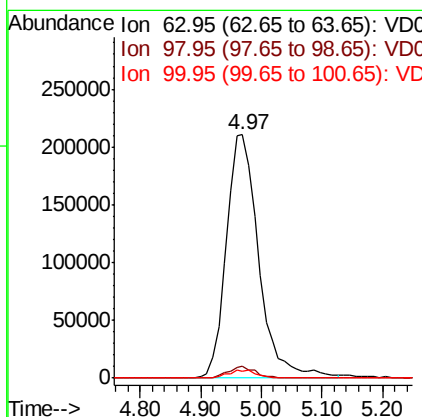
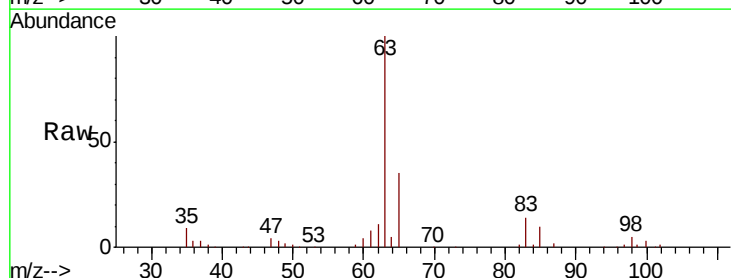
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

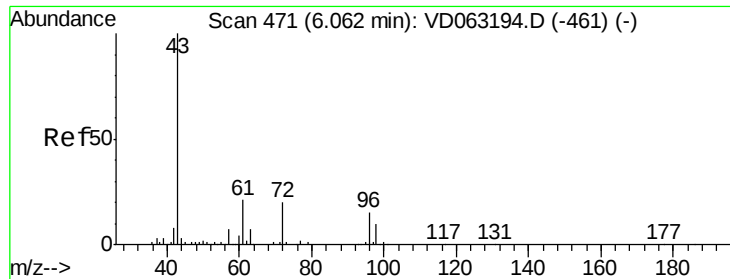
Tot Ion: 43 Resp: 3813474
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.9 7.3



#24
 1,1-Dichloroethane
 Concen: 48.367 ug/l
 RT: 4.97 min Scan# 360
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Tgt Ion: 63 Resp: 782031
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.8 8.4
 100 2.6 1.3 3.9





#25

2-Butanone

Concen: 246.307 ug/l

RT: 6.06 min Scan# 471

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

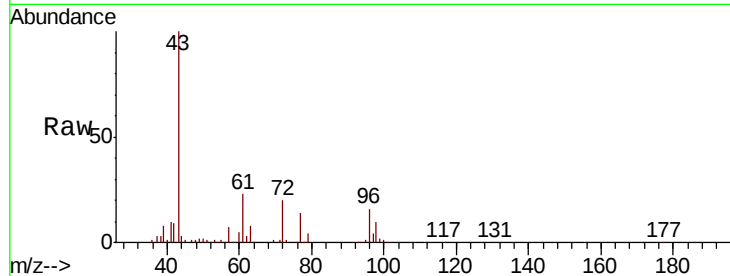
VSTDICCC050

Tot Ion: 43 Resp: 547973

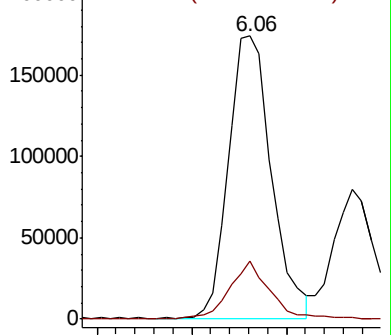
Ion Ratio Lower Upper

43 100

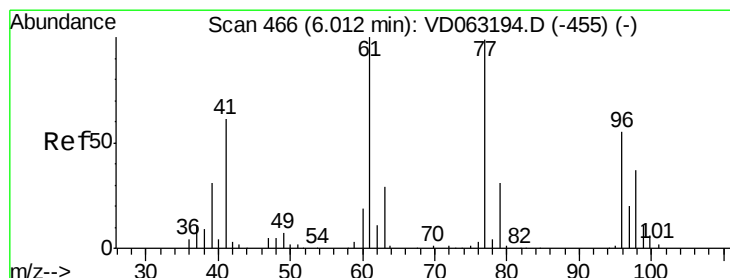
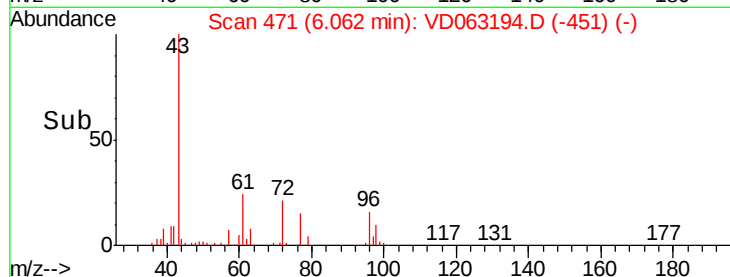
72 20.4 16.3 24.5



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



Time--> 5.90 6.00 6.10



#26

2,2-Dichloropropane

Concen: 50.232 ug/l

RT: 6.01 min Scan# 466

Delta R.T. 0.00 min

Lab File: VD063194.D

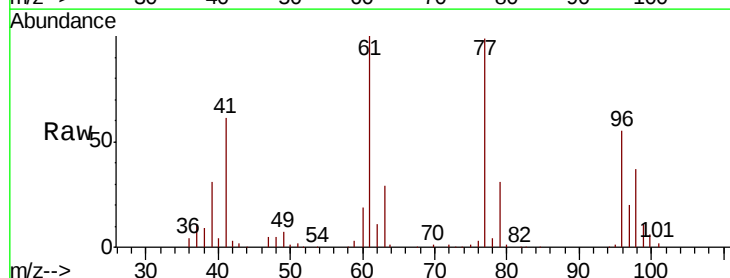
Acq: 29 Jul 2019 12:36

Tgt Ion: 77 Resp: 836999

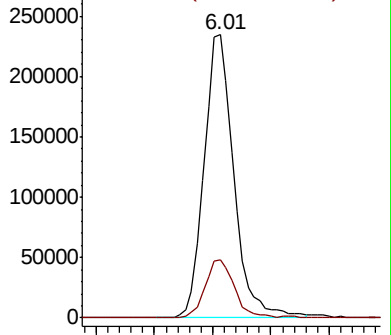
Ion Ratio Lower Upper

77 100

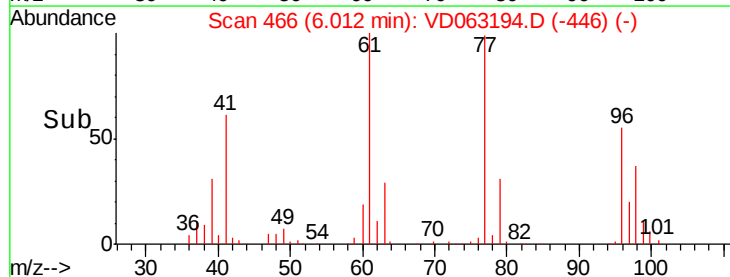
97 20.4 10.2 30.6

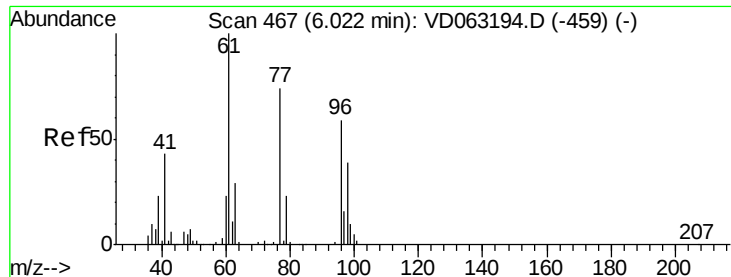


Abundance Ion 76.95 (76.65 to 77.65): VDC
Ion 96.85 (96.55 to 97.55): VDC



Time--> 5.80 5.90 6.00 6.10 6.20



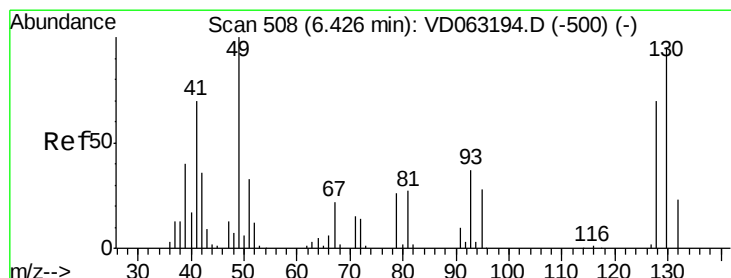
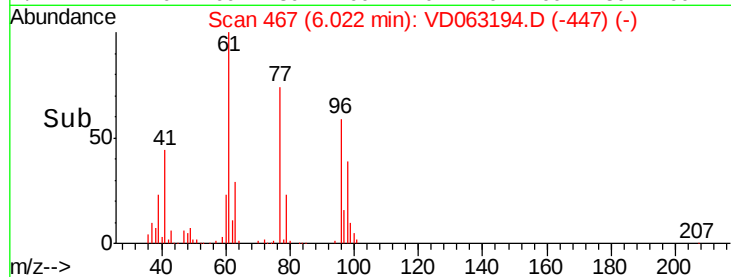
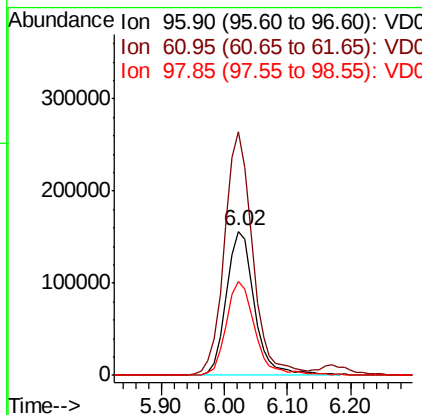
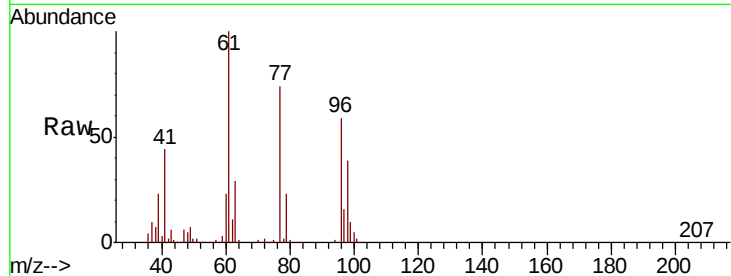


#27

cis-1,2-Dichloroethene
Concen: 50.407 ug/l
RT: 6.02 min Scan# 467
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

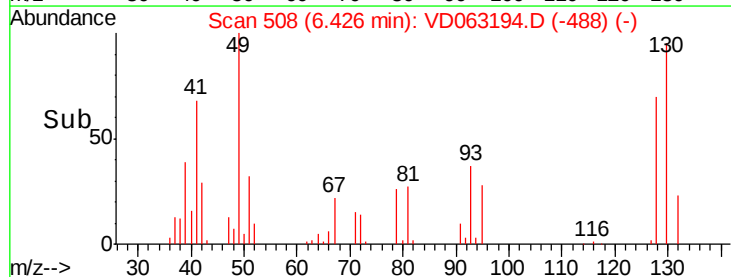
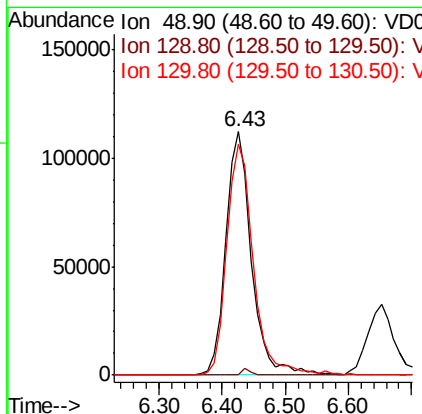
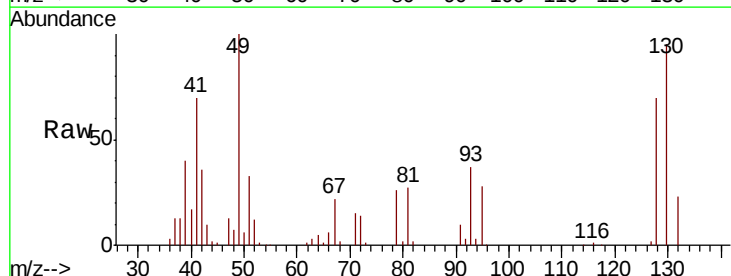
Tot Ion	96	Resp	482278
Ion	Ratio	Lower	Upper
96	100		
61	168.6	0.0	337.2
98	65.3	0.0	130.6

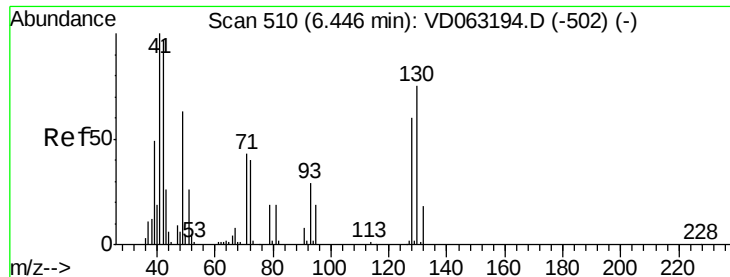


#28

Bromochloromethane
Concen: 48.834 ug/l
RT: 6.43 min Scan# 508
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion	49	Resp	315168
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	94.6	75.7	113.5





#29

Tetrahydrofuran

Concen: 235.598 ug/l

RT: 6.45 min Scan# 510

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

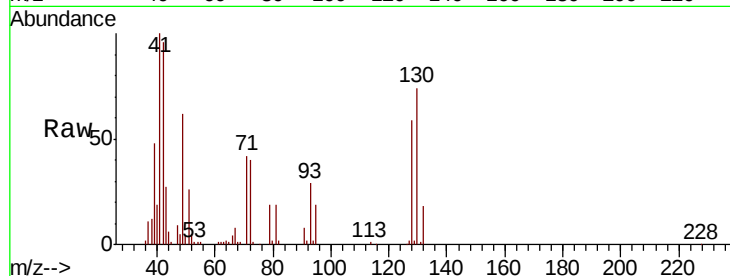
Tot Ion: 42 Resp: 248158

Ion Ratio Lower Upper

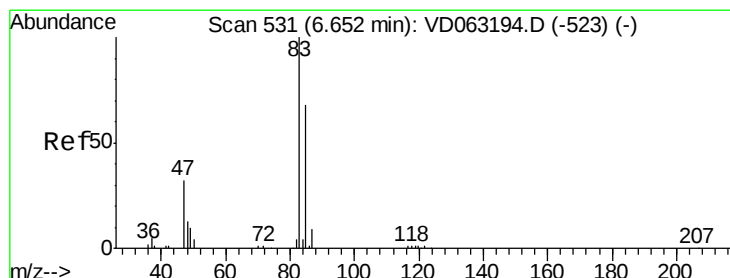
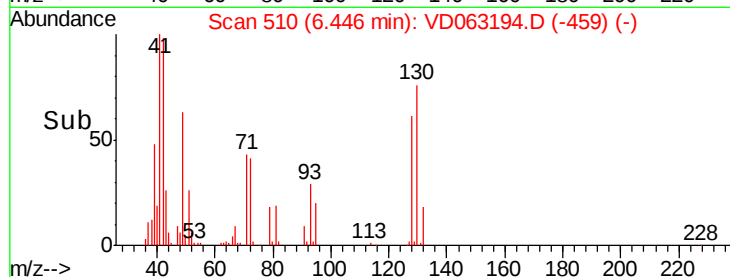
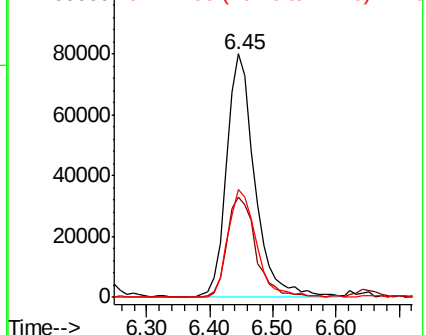
42 100

72 41.8 33.4 50.2

71 44.6 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: 47.816 ug/l

RT: 6.65 min Scan# 531

Delta R.T. 0.00 min

Lab File: VD063194.D

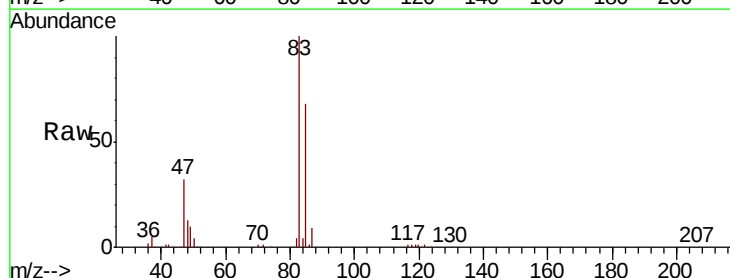
Acq: 29 Jul 2019 12:36

Tgt Ion: 83 Resp: 959468

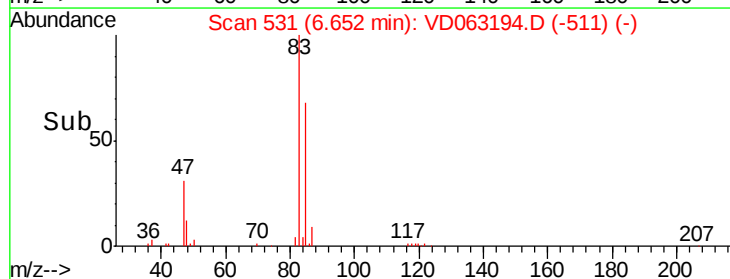
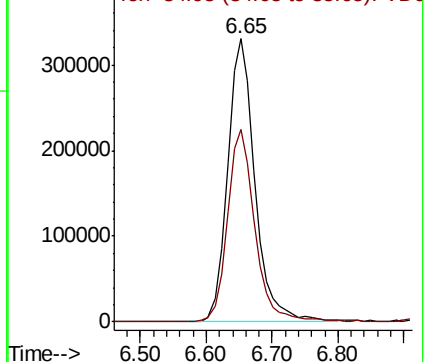
Ion Ratio Lower Upper

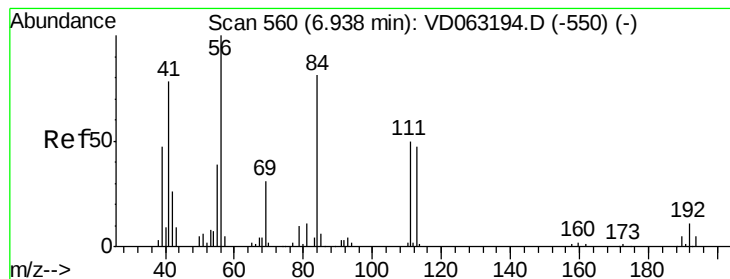
83 100

85 67.8 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: 47.006 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

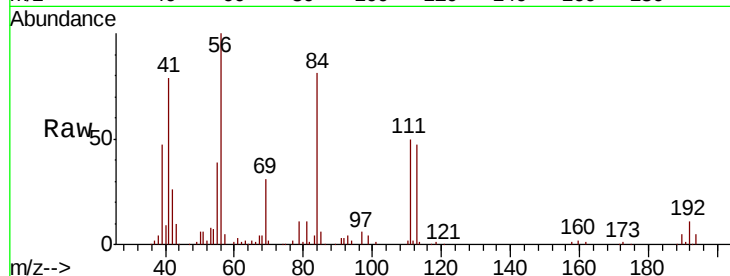
Tot Ion: 56 Resp: 476398

Ion Ratio Lower Upper

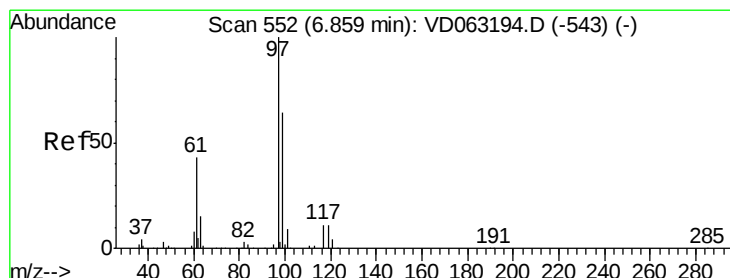
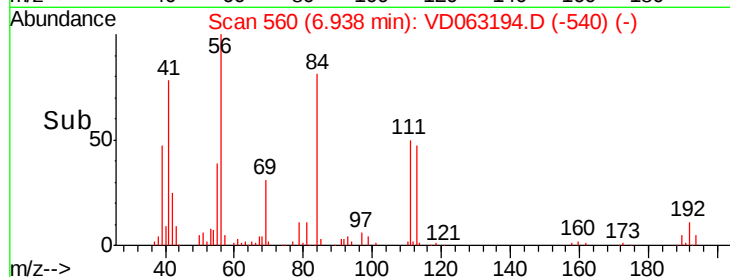
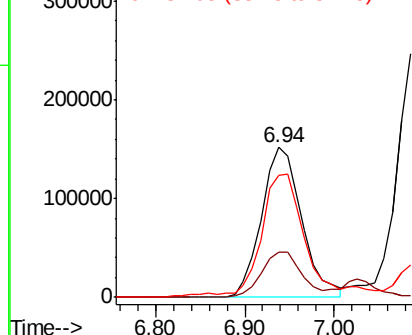
56 100

69 30.6 24.5 36.7

84 81.1 64.9 97.3



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



#32

1,1,1-Trichloroethane

Concen: 48.647 ug/l

RT: 6.86 min Scan# 552

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

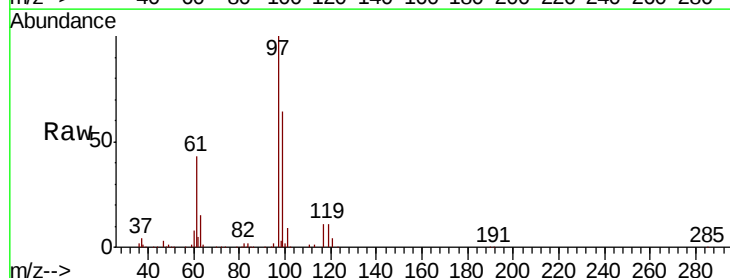
Tgt Ion: 97 Resp: 944186

Ion Ratio Lower Upper

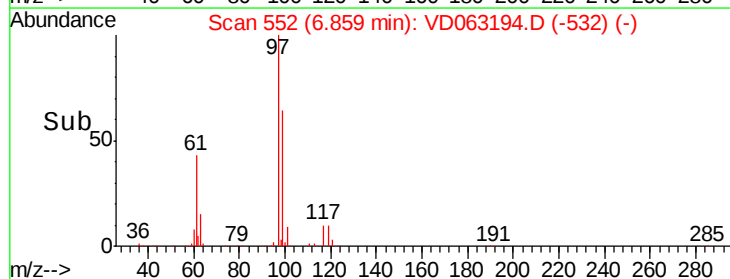
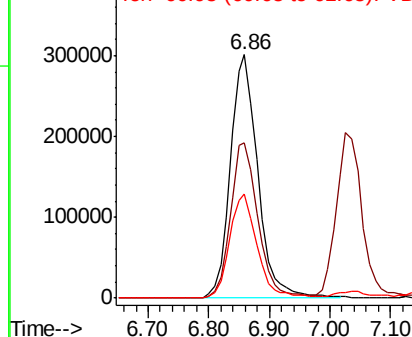
97 100

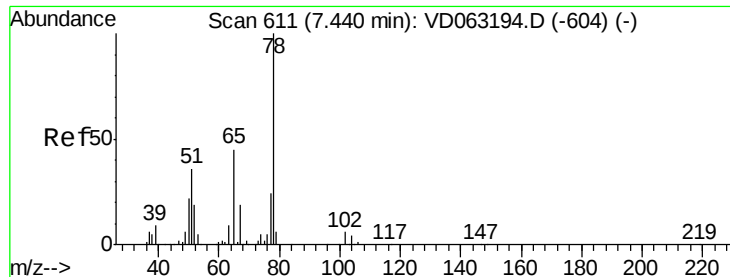
99 64.0 51.2 76.8

61 42.7 34.2 51.2



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





#33

1,2-Dichloroethane-d4

Concen: 52.599 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

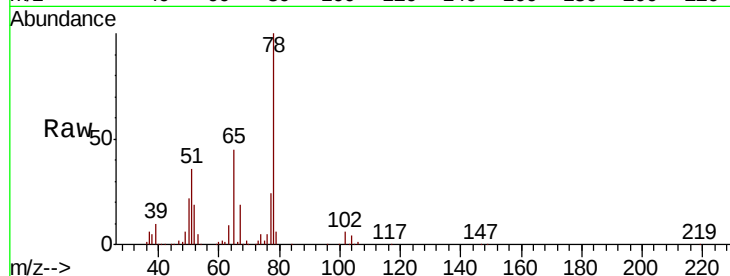
VSTDICCC050

Tot Ion: 65 Resp: 598456

Ion Ratio Lower Upper

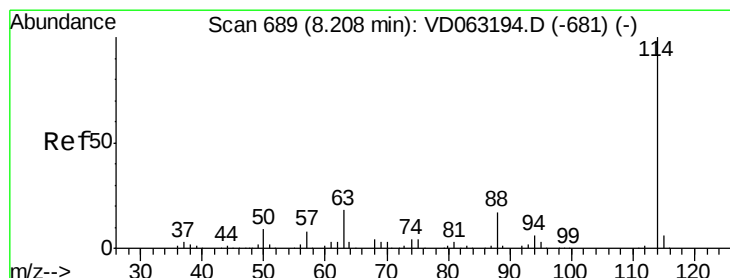
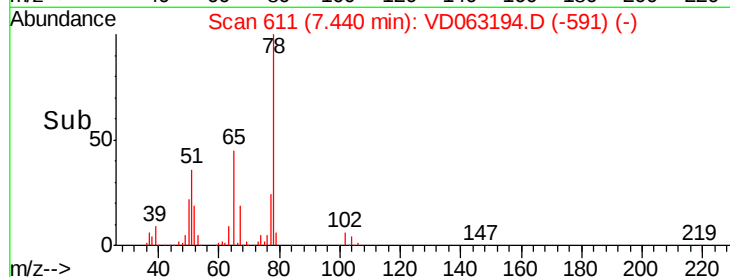
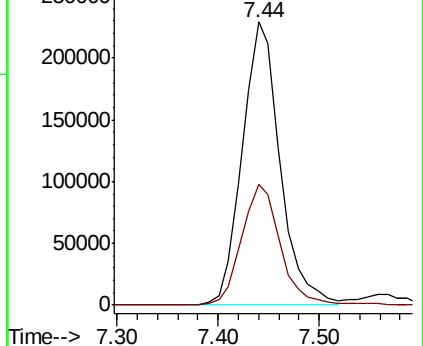
65 100

67 42.9 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

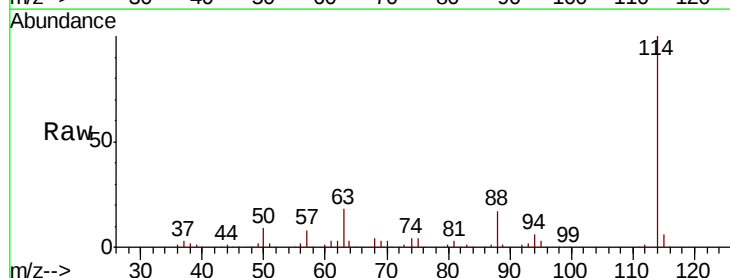
Tgt Ion: 114 Resp: 1406824

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

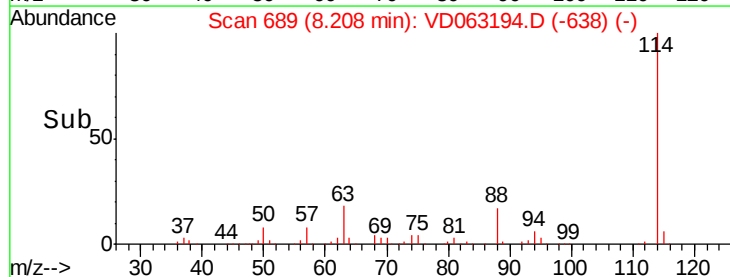
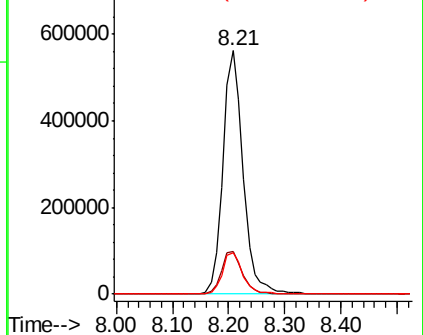
88 17.3 0.0 34.6

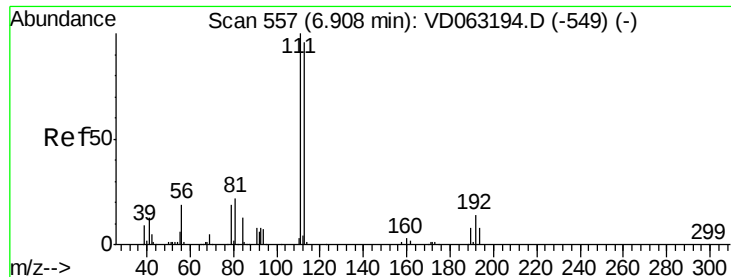


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.234 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

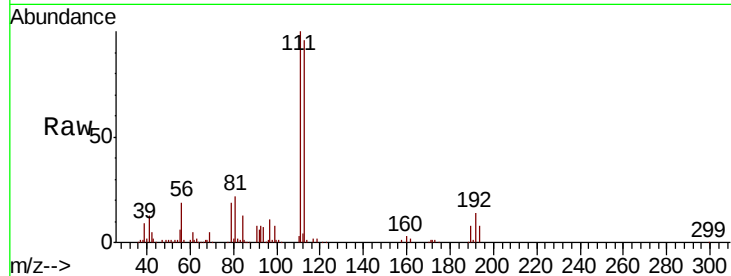
Tot Ion:113 Resp: 603378

Ion Ratio Lower Upper

113 100

111 104.0 83.2 124.8

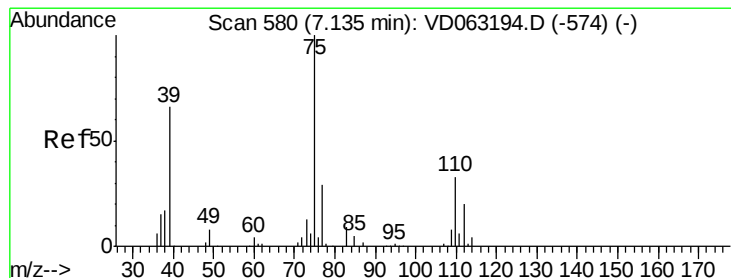
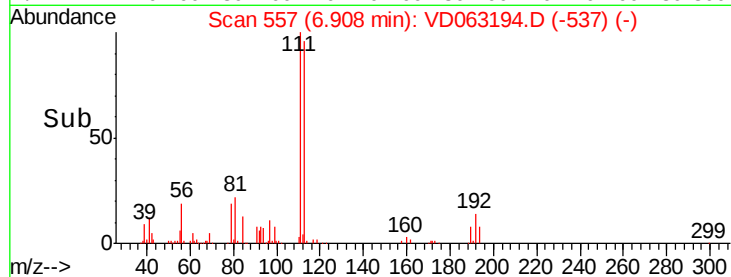
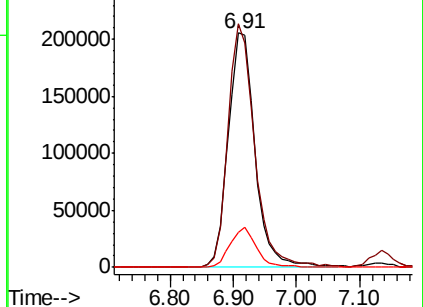
192 14.8 11.8 17.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 50.945 ug/l

RT: 7.13 min Scan# 580

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

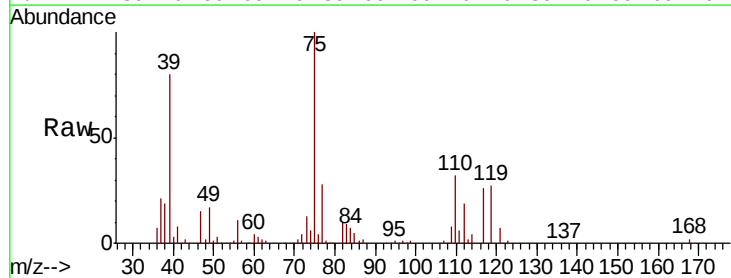
Tgt Ion: 75 Resp: 654081

Ion Ratio Lower Upper

75 100

110 32.1 16.1 48.2

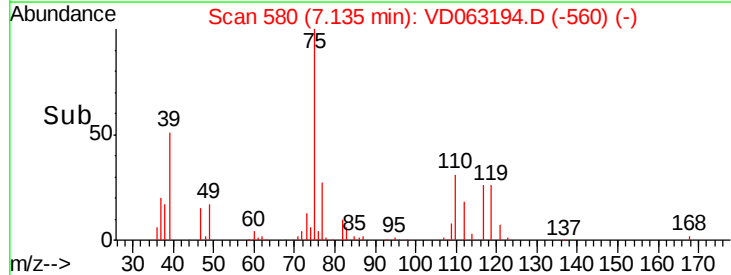
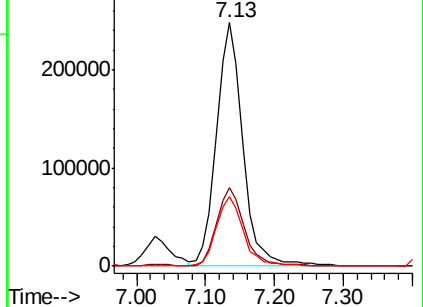
77 28.4 22.7 34.1

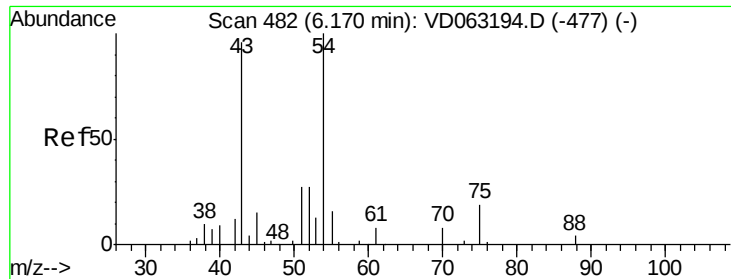


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 43.472 ug/l

RT: 6.17 min Scan# 482

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

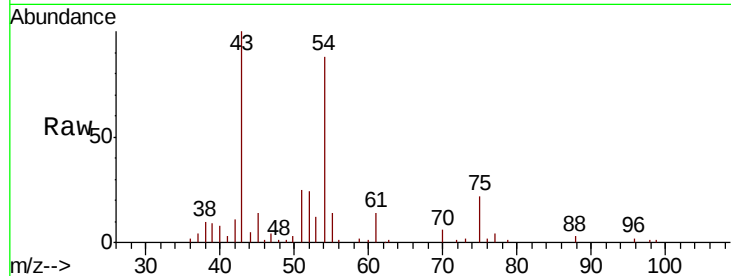
Tot Ion: 43 Resp: 250234

Ion Ratio Lower Upper

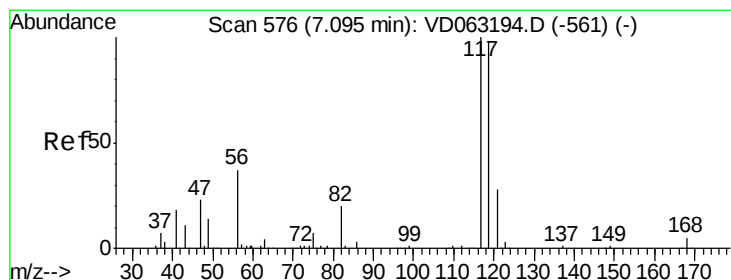
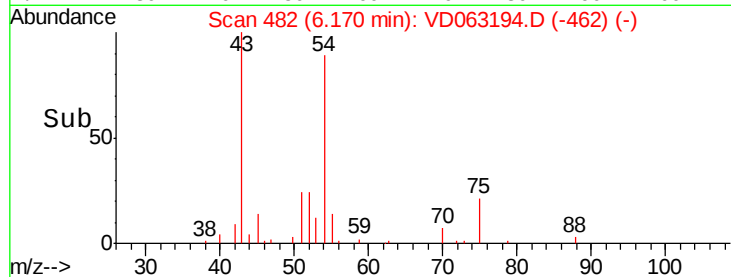
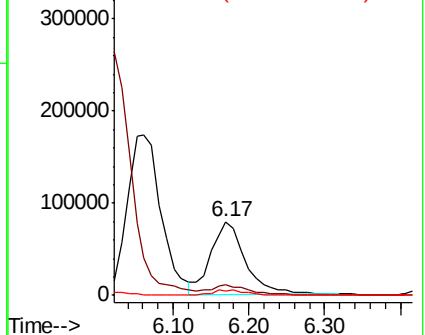
43 100

61 14.1 11.3 16.9

70 6.4 5.1 7.7



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



#38

Carbon Tetrachloride

Concen: 52.738 ug/l

RT: 7.10 min Scan# 576

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

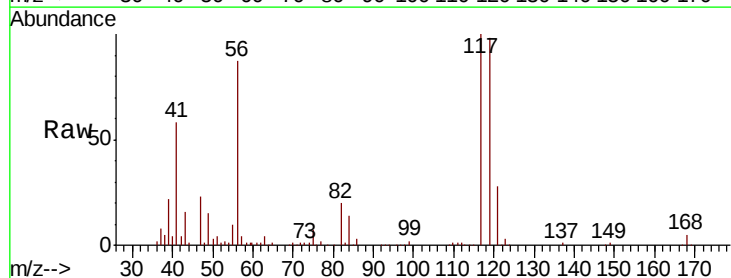
Tgt Ion: 117 Resp: 1019354

Ion Ratio Lower Upper

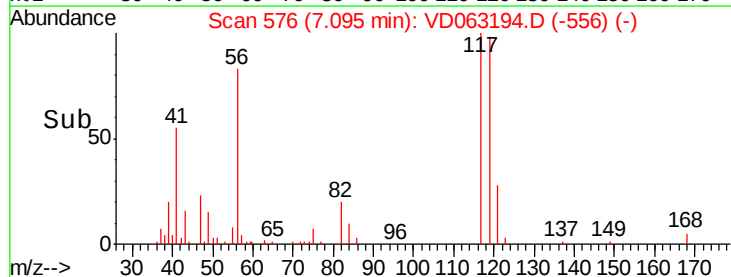
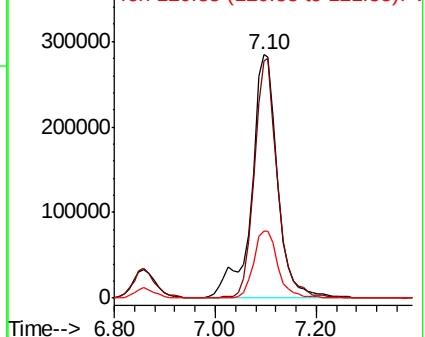
117 100

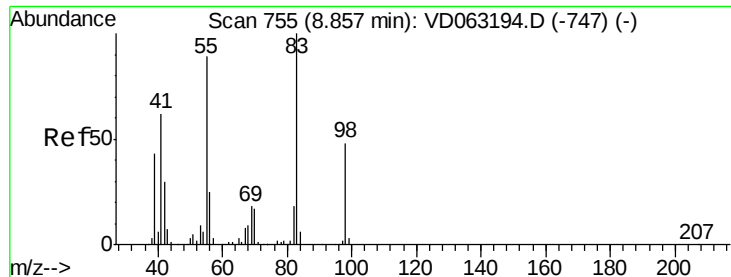
119 97.7 78.2 117.2

121 27.6 22.1 33.1



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

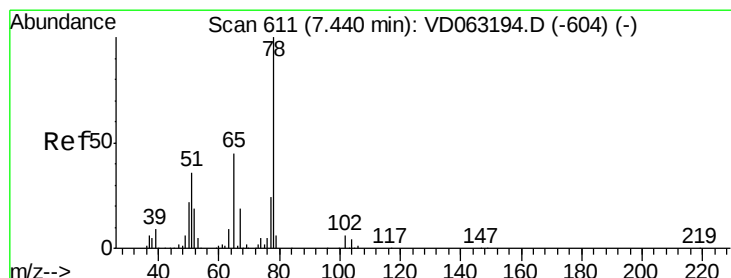
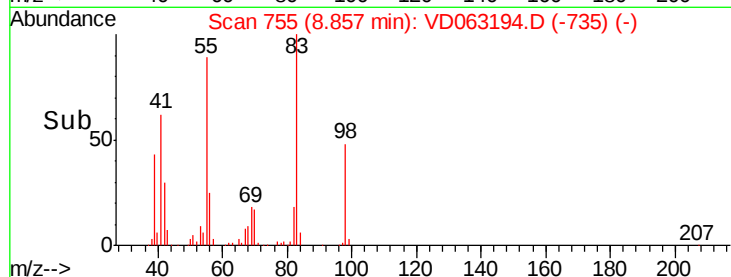
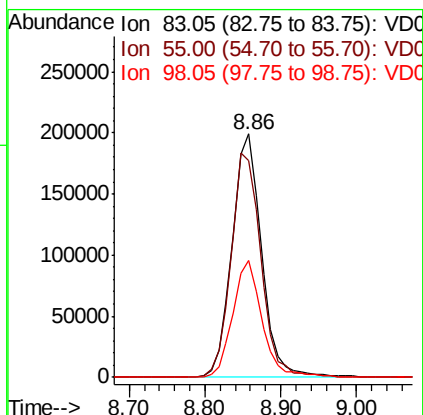
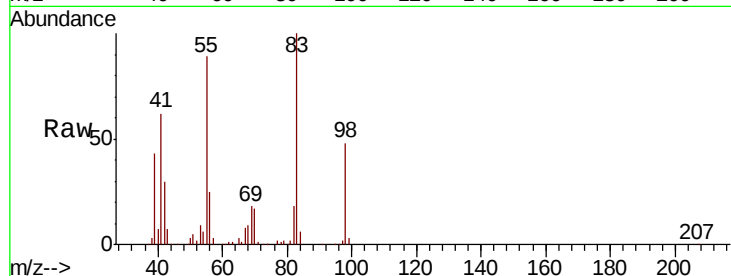




#39
Methvlcvclohexane
Concen: 49.975 ug/l
RT: 8.86 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

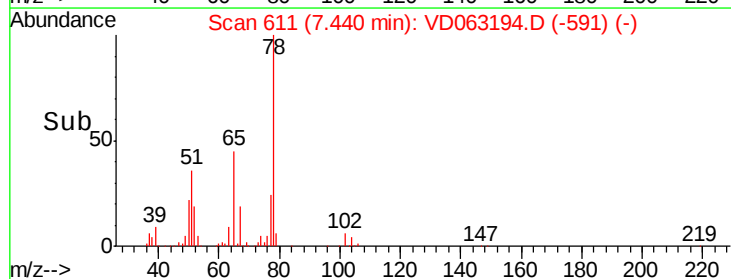
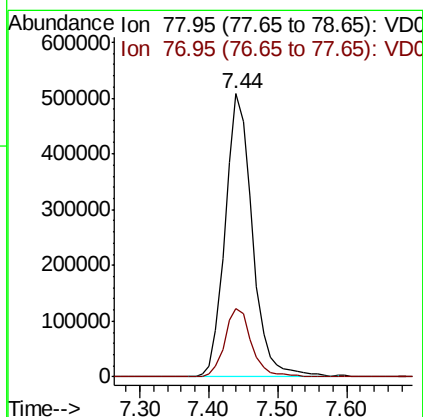
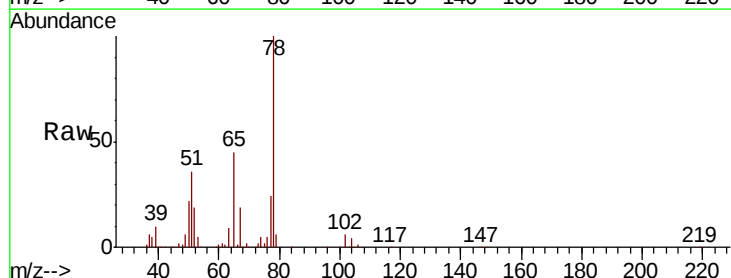
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

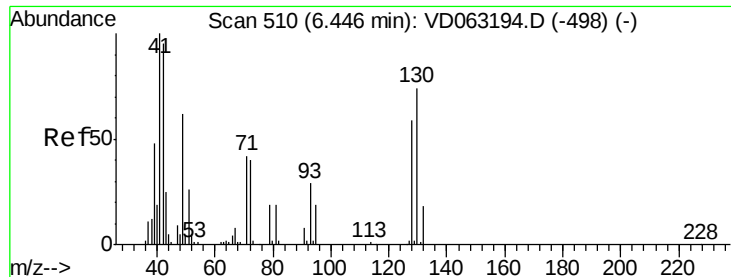
Tot Ion: 83 Resp: 534591
Ion Ratio Lower Upper
83 100
55 88.9 71.1 106.7
98 48.1 38.5 57.7



#40
Benzene
Concen: 51.631 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion: 78 Resp: 1389302
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2

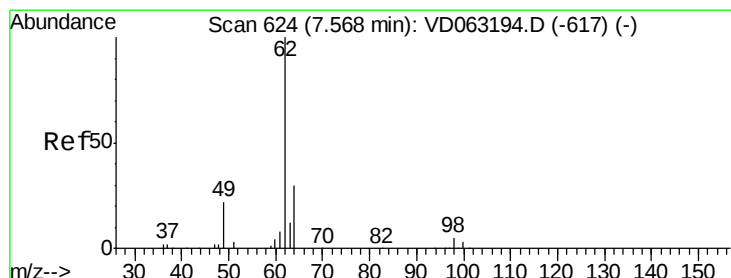
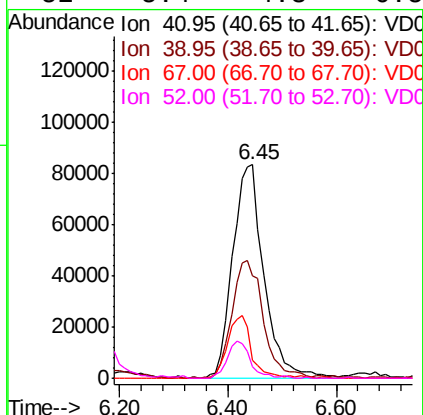
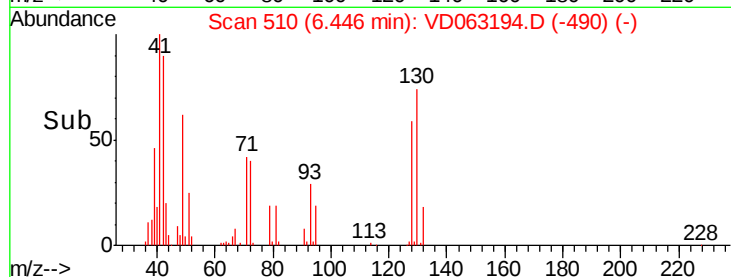
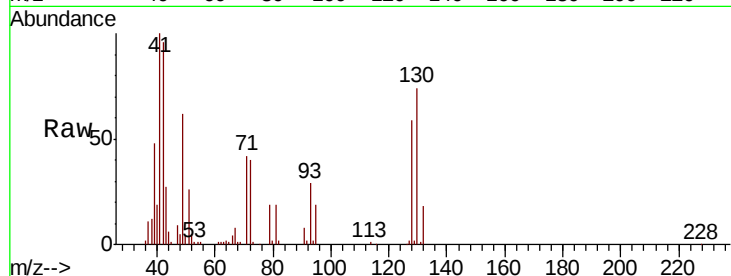




#41
Methacrylonitrile
Concen: 48.629 ug/l
RT: 6.45 min Scan# 510
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

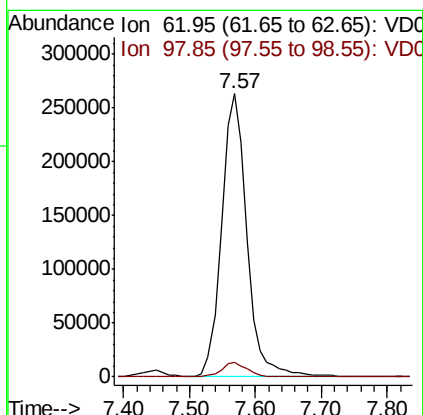
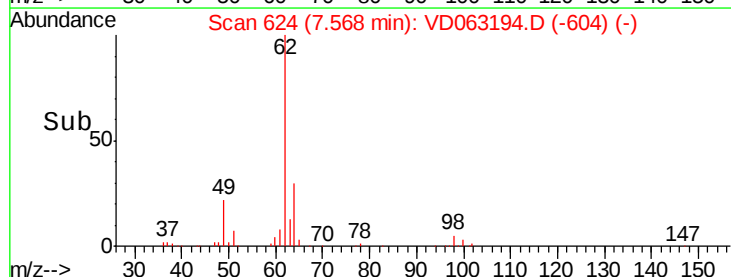
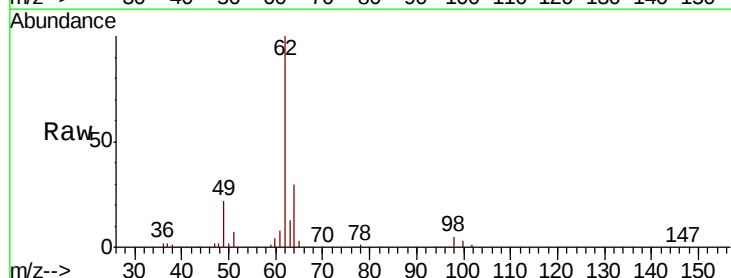
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

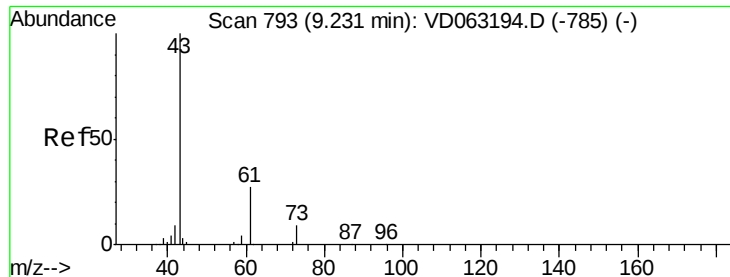
Tot Ion: 41 Resp: 335531
Ion Ratio Lower Upper
41 100
39 48.0 38.4 57.6
67 8.4 6.7 10.1
52 5.4 4.3 6.5



#42
1,2-Dichloroethane
Concen: 49.566 ug/l
RT: 7.57 min Scan# 624
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion: 62 Resp: 706854
Ion Ratio Lower Upper
62 100
98 4.9 0.0 9.8



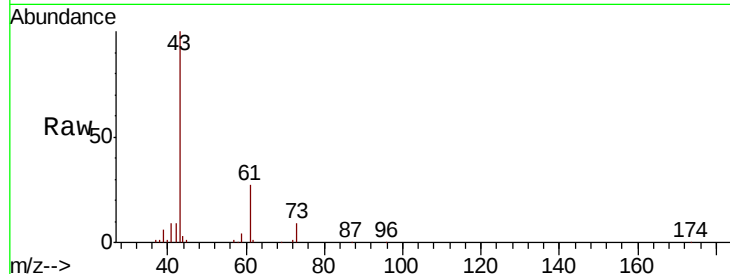


#43

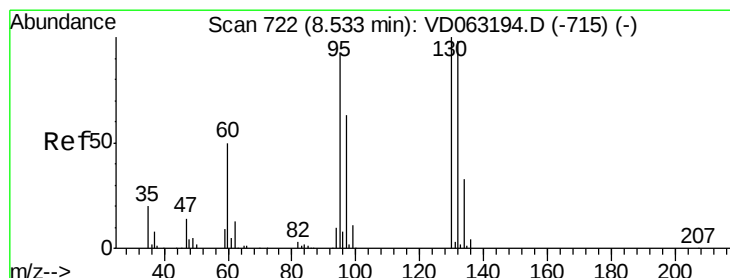
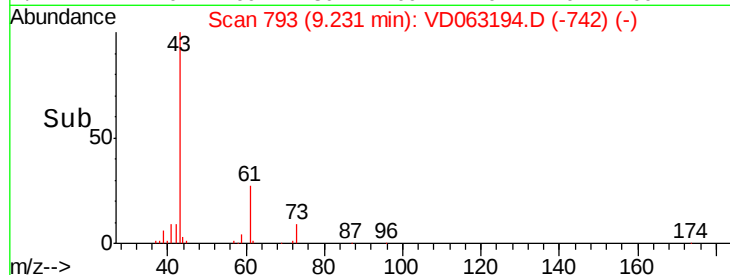
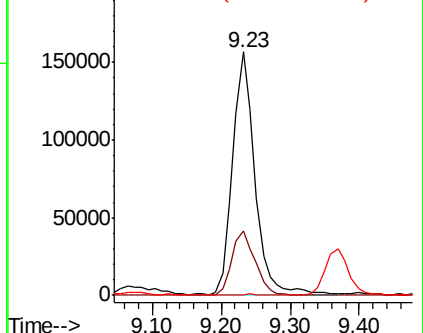
Isopropyl Acetate
 Concen: 48.187 ug/l
 RT: 9.23 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 355045
 Ion Ratio Lower Upper
 43 100
 61 26.7 21.4 32.0
 87 0.3 0.2 0.4



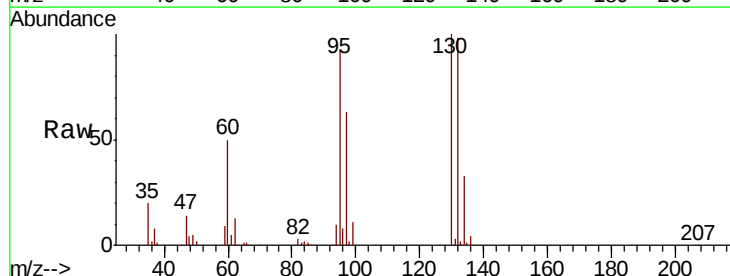
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



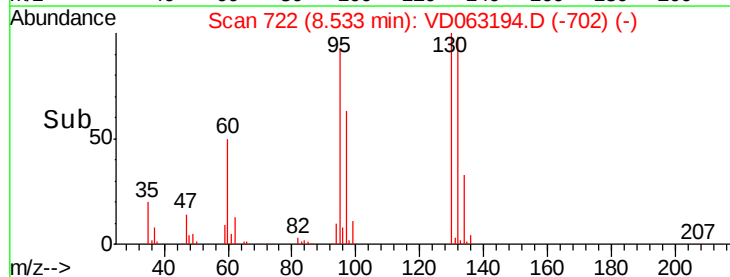
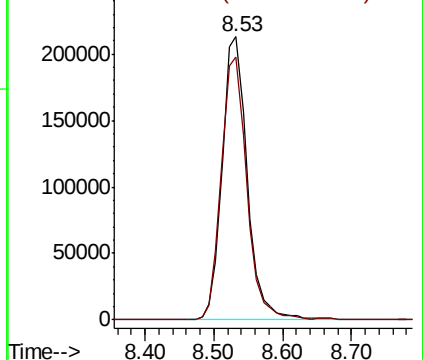
#44

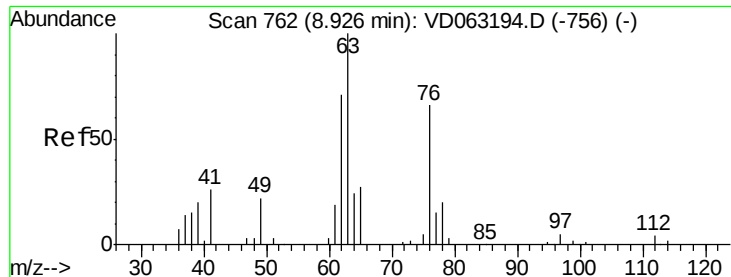
Trichloroethene
 Concen: 49.366 ug/l
 RT: 8.53 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Tgt Ion: 130 Resp: 538267
 Ion Ratio Lower Upper
 130 100
 95 92.7 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: 49.162 ug/l

RT: 8.93 min Scan# 762

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

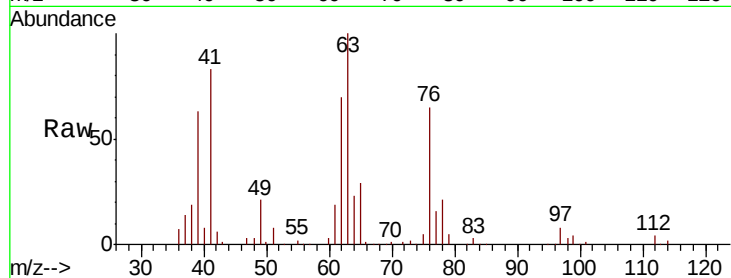
VSTDICCC050

Tot Ion: 63 Resp: 336240

Ion Ratio Lower Upper

63 100

65 29.5 23.6 35.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.93

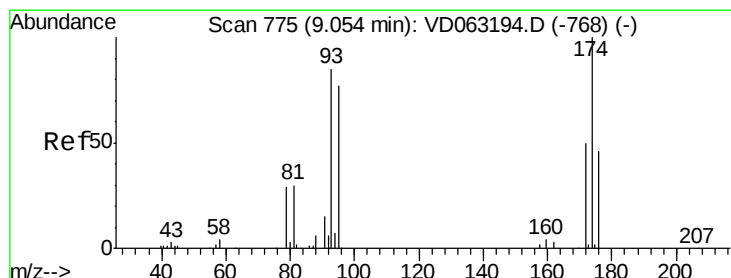
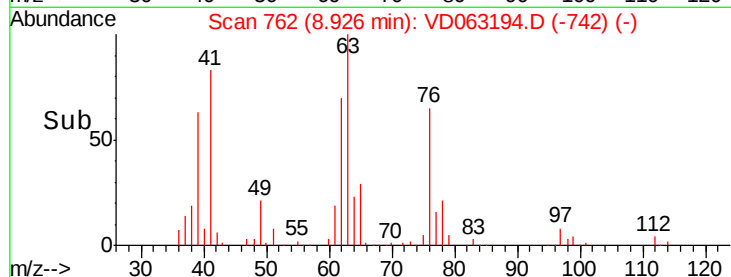
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.985 ug/l

RT: 9.05 min Scan# 775

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

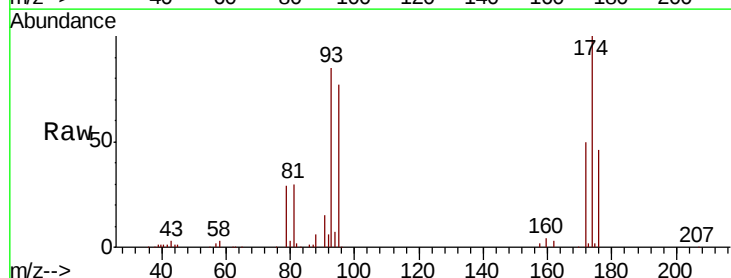
Tgt Ion: 93 Resp: 278569

Ion Ratio Lower Upper

93 100

95 91.0 72.8 109.2

174 118.0 94.4 141.6



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

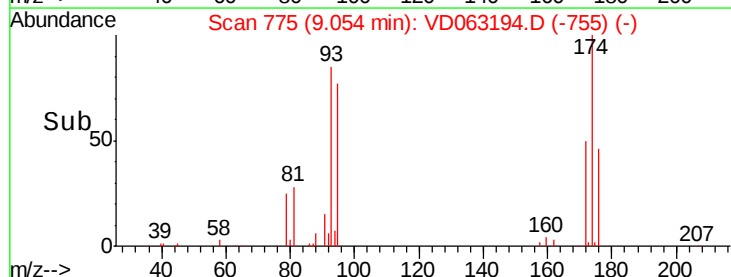
150000

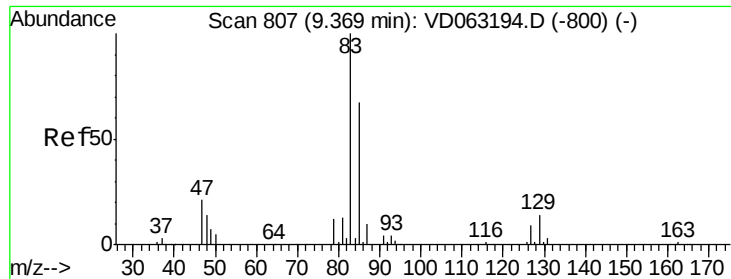
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 49.494 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

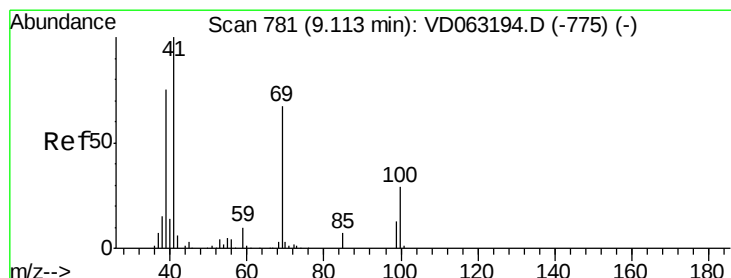
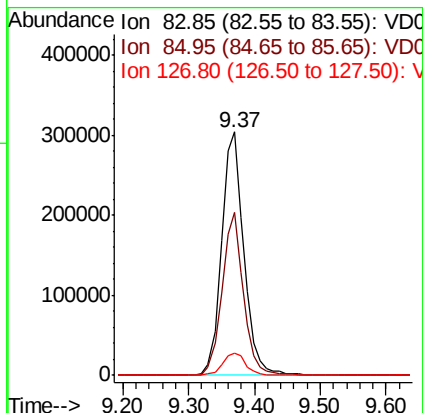
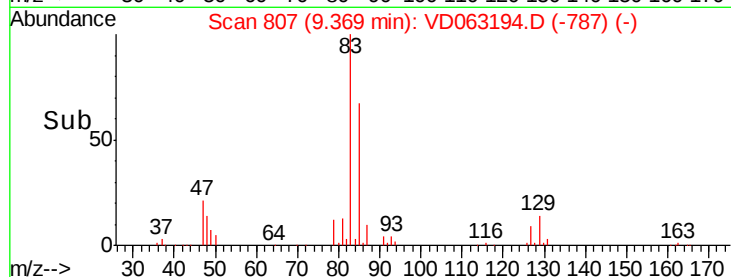
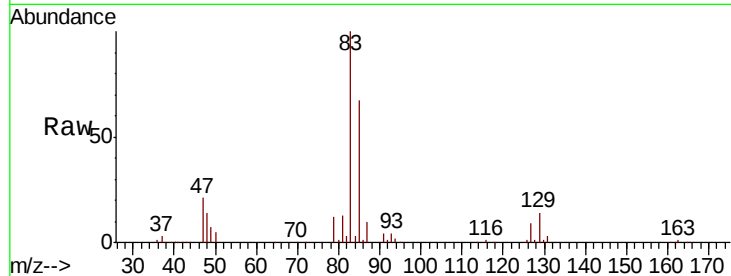
Tot Ion: 83 Resp: 717478

Ion Ratio Lower Upper

83 100

85 67.0 53.6 80.4

127 9.0 7.2 10.8



#48

Methyl methacrylate

Concen: 51.074 ug/l

RT: 9.11 min Scan# 781

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

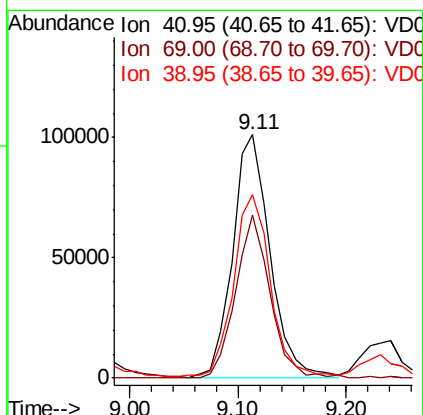
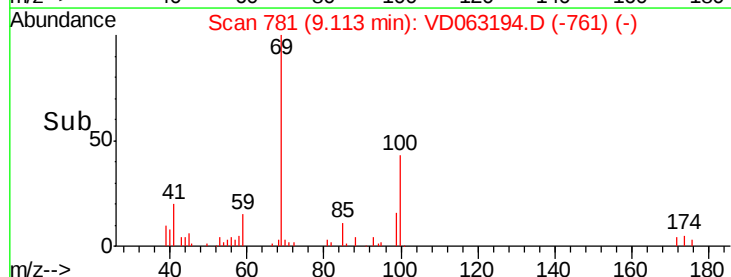
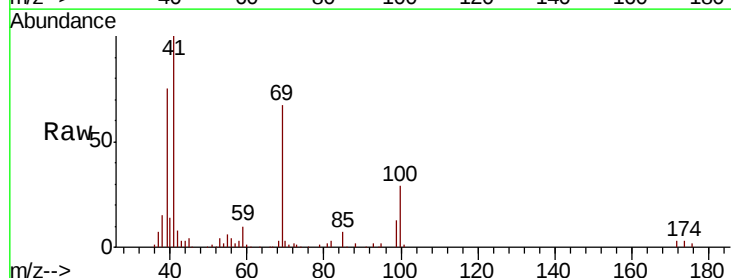
Tgt Ion: 41 Resp: 244065

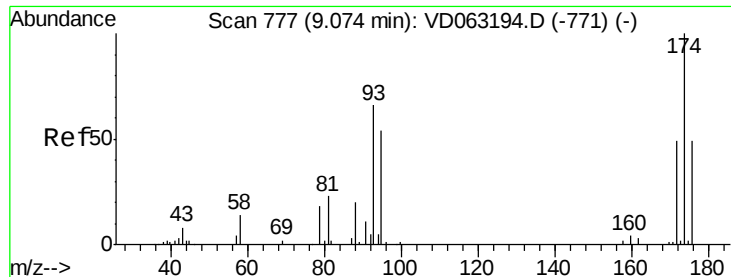
Ion Ratio Lower Upper

41 100

69 66.7 53.4 80.0

39 75.4 60.3 90.5

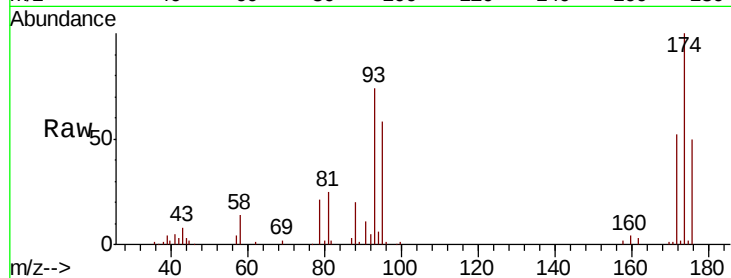




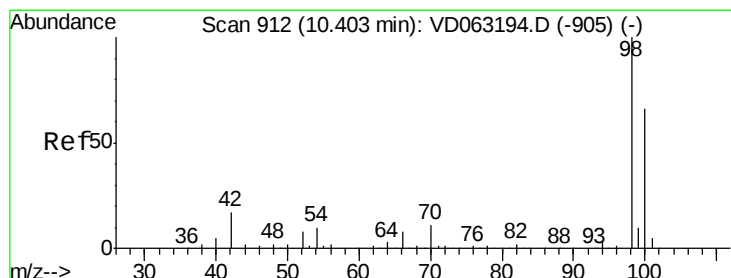
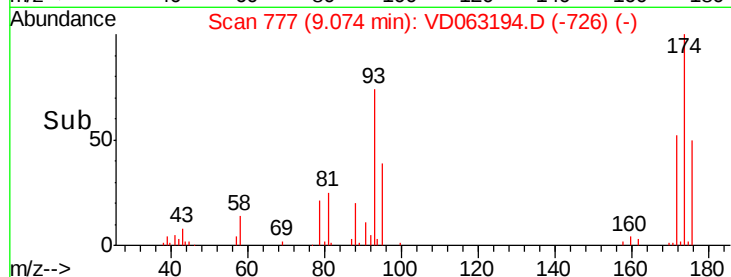
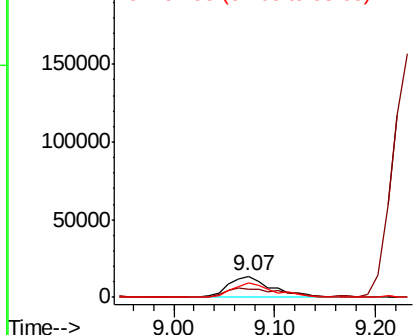
#49
1,4-Dioxane
Concen: 1013.240 ug/l
RT: 9.07 min Scan# 777
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 40059
Ion Ratio Lower Upper
88 100
43 38.4 30.7 46.1
58 70.6 56.5 84.7

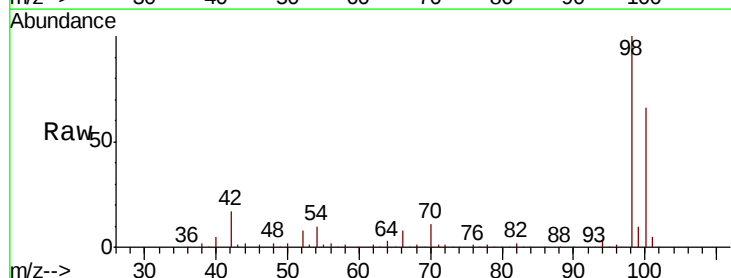


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

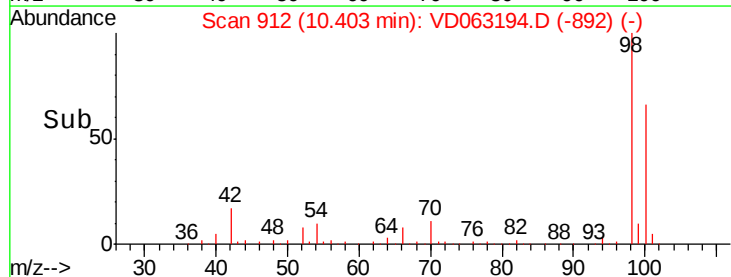
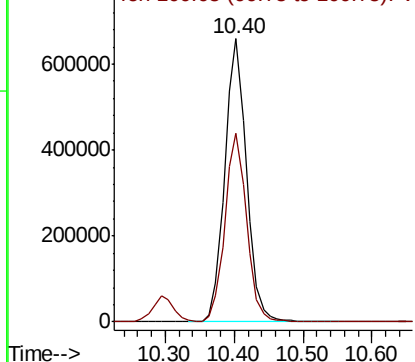


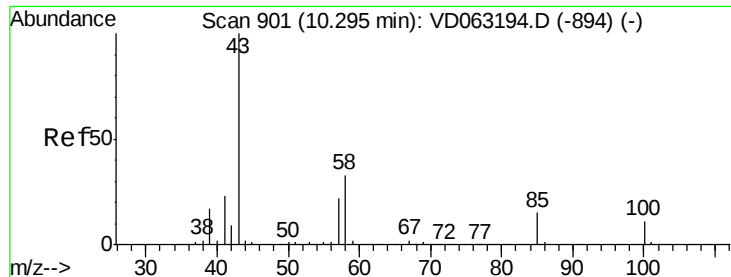
#50
Toluene-d8
Concen: 53.449 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion: 98 Resp: 1436765
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



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





#51

4-Methyl-2-Pentanone

Concen: 244.502 ug/l

RT: 10.29 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

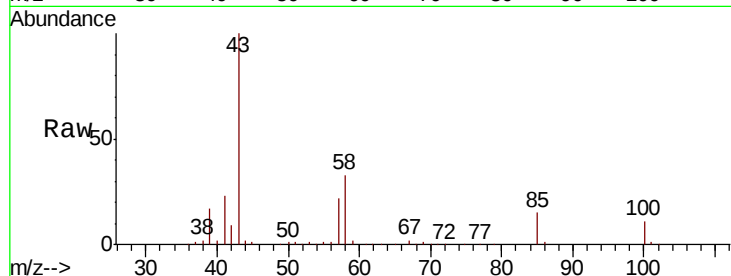
VSTDICCC050

Tot Ion: 43 Resp: 1225179

Ion Ratio Lower Upper

43 100

58 32.7 26.2 39.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.29

600000

500000

400000

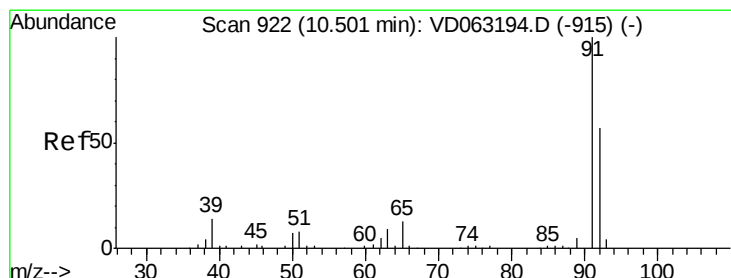
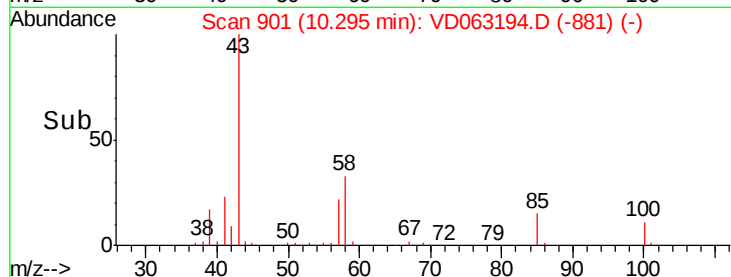
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.469 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: VD063194.D

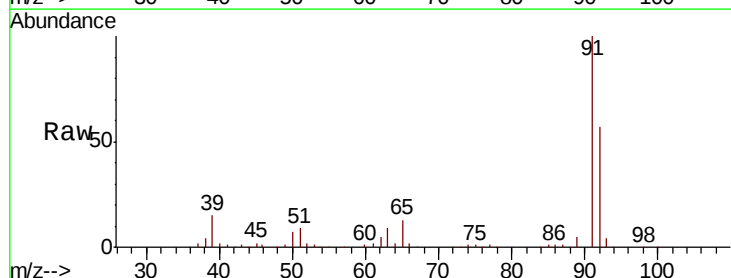
Acq: 29 Jul 2019 12:36

Tgt Ion: 92 Resp: 849532

Ion Ratio Lower Upper

92 100

91 176.0 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

800000

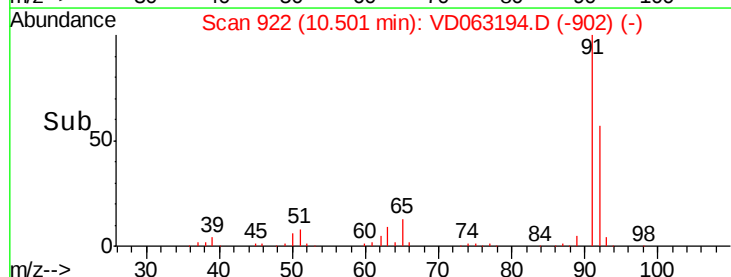
600000

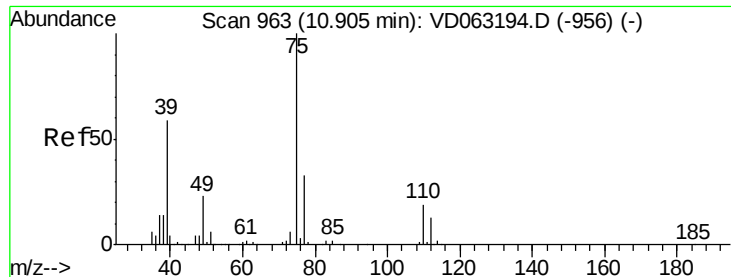
400000

200000

0

Time-->

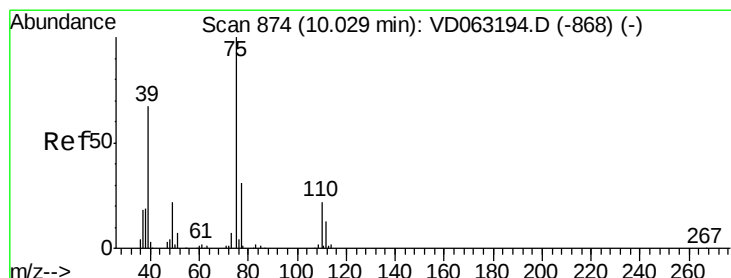
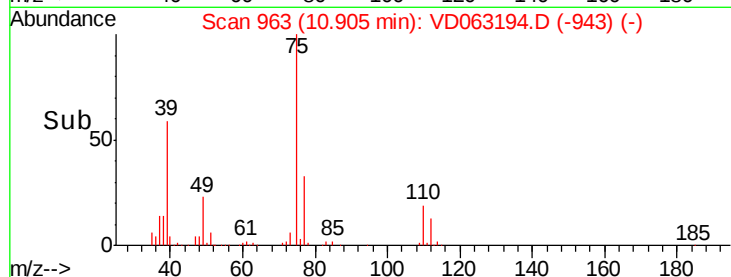
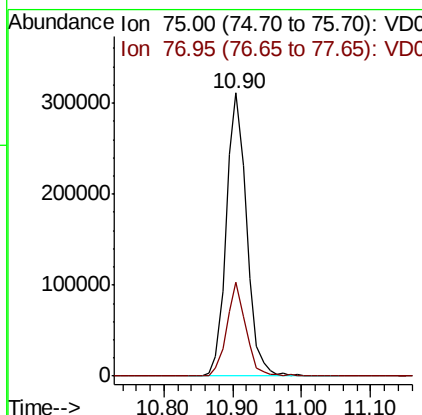
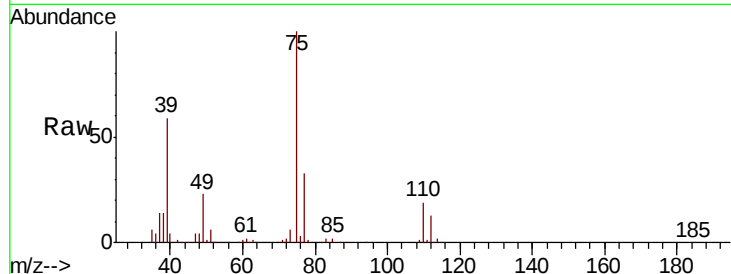




#53
t-1,3-Dichloropropene
Concen: 50.831 ug/l
RT: 10.90 min Scan# 963
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

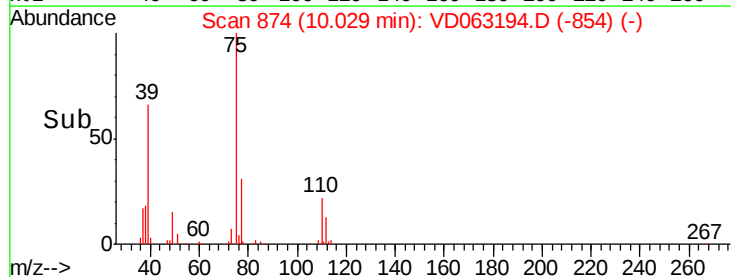
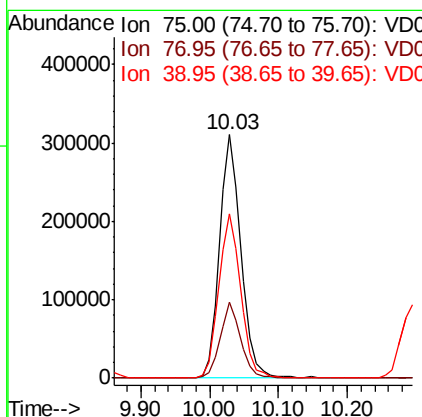
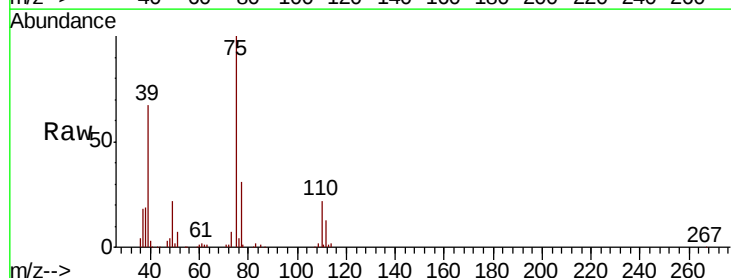
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

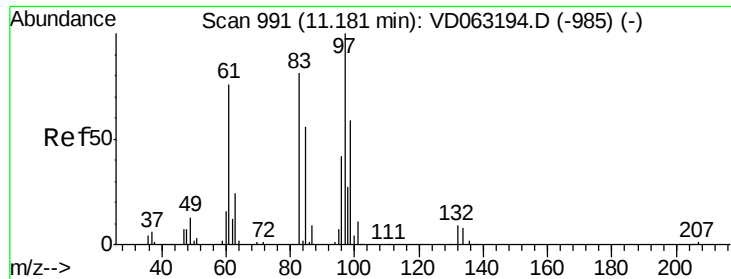
Tot Ion: 75 Resp: 635272
Ion Ratio Lower Upper
75 100
77 33.3 26.6 40.0



#54
cis-1,3-Dichloropropene
Concen: 50.953 ug/l
RT: 10.03 min Scan# 874
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion: 75 Resp: 669257
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3
39 67.4 53.9 80.9

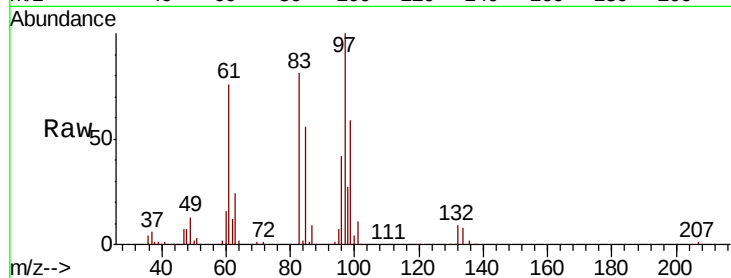




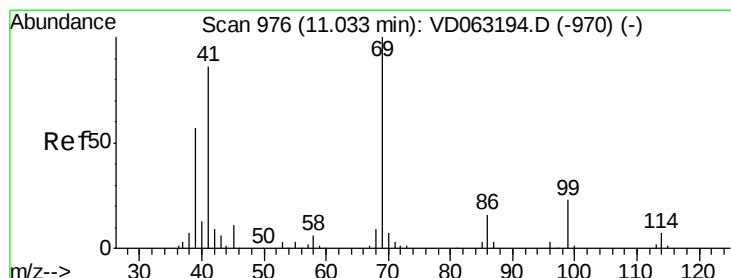
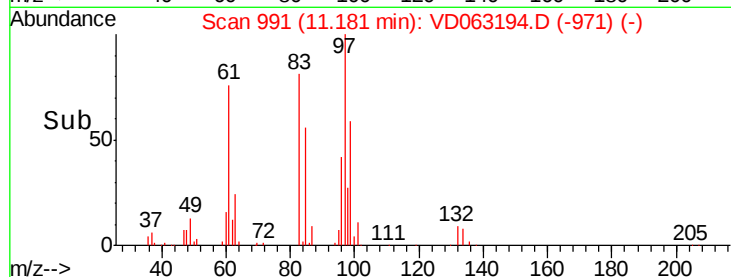
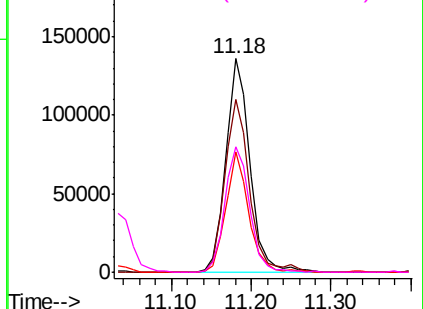
#55
1,1,2-Trichloroethane
Concen: 48.061 ug/l
RT: 11.18 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:	97	Resp:	290493
Ion	Ratio	Lower	Upper
97	100		
83	81.0	64.8	97.2
85	56.1	44.9	67.3
99	59.0	47.2	70.8

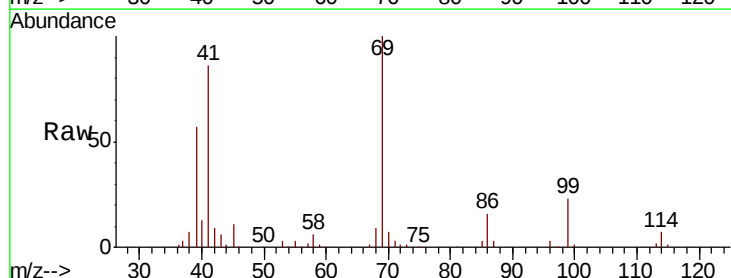


Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 98.85 (98.55 to 99.55): VDC

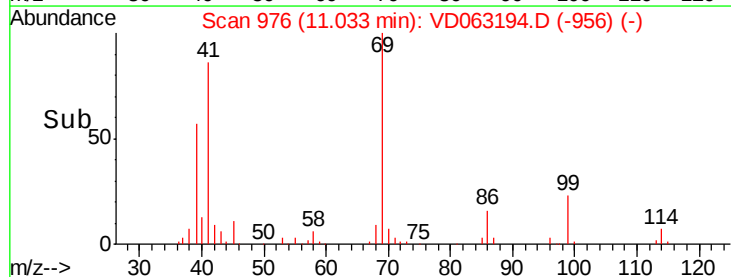
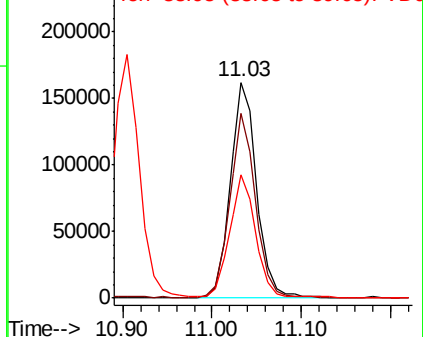


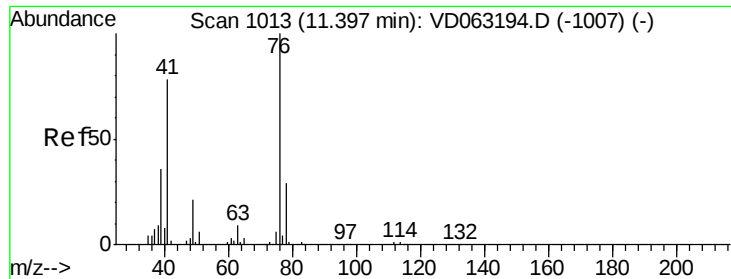
#56
Ethyl methacrylate
Concen: 50.618 ug/l
RT: 11.03 min Scan# 976
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion:	69	Resp:	335027
Ion	Ratio	Lower	Upper
69	100		
41	86.0	68.8	103.2
39	57.3	45.8	68.8



Abundance Ion 69.00 (68.70 to 69.70): VDC
Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC

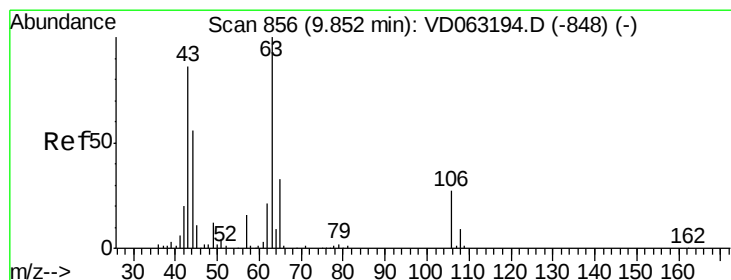
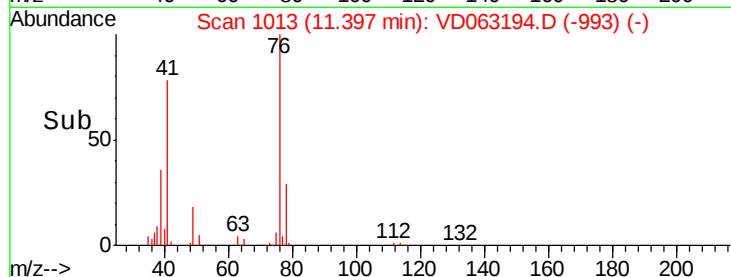
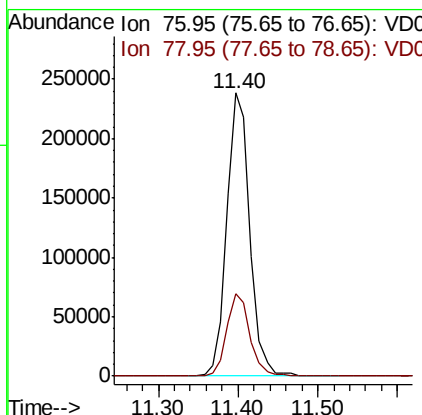
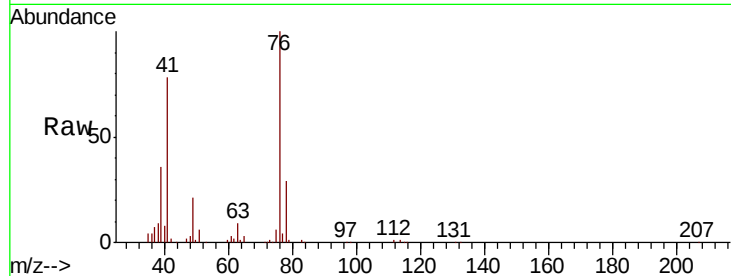




#57
 1,3-Dichloropropane
 Concen: 50.716 ug/l
 RT: 11.40 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

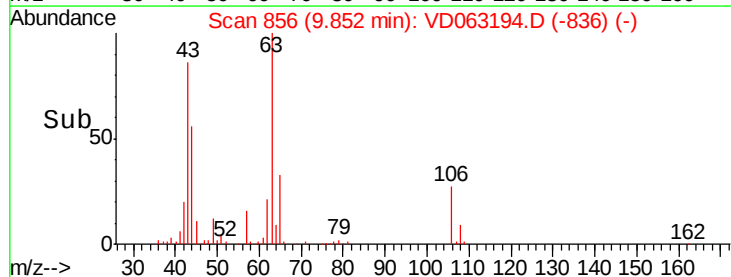
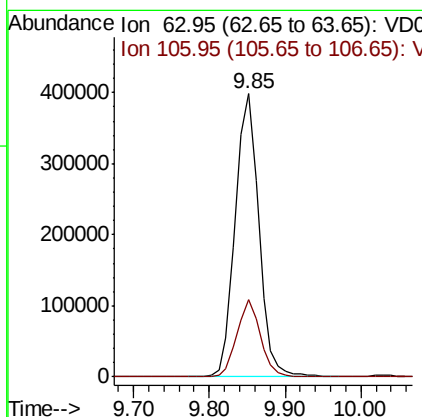
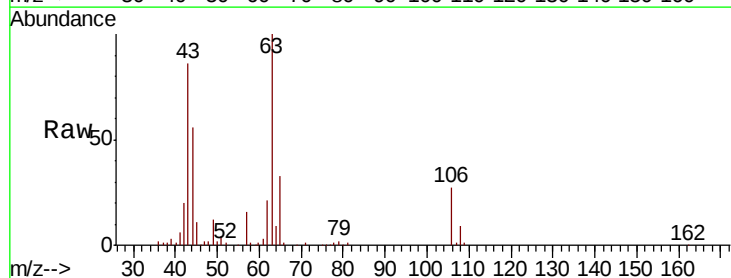
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

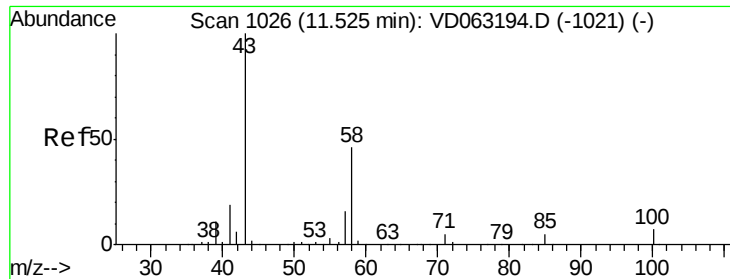
Tot Ion: 76 Resp: 482982
 Ion Ratio Lower Upper
 76 100
 78 29.2 23.4 35.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.417 ug/l
 RT: 9.85 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Tgt Ion: 63 Resp: 858987
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.0 33.0

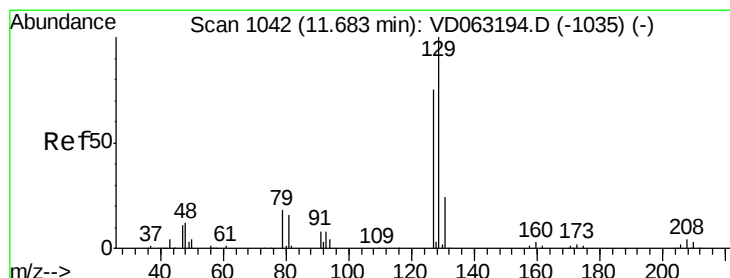
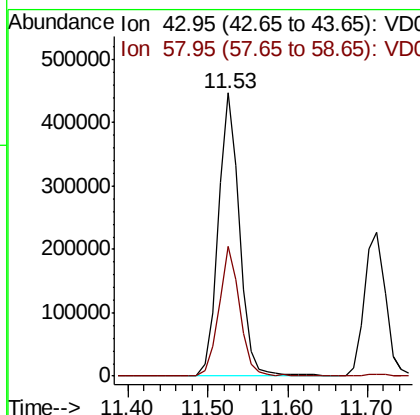
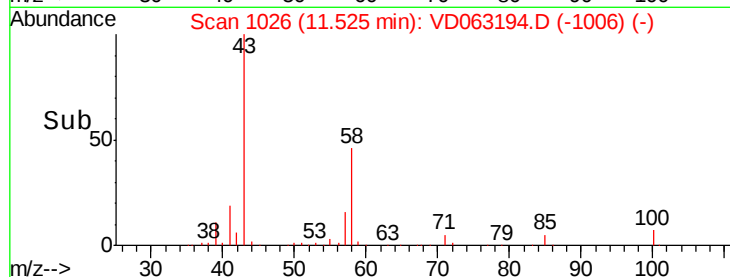
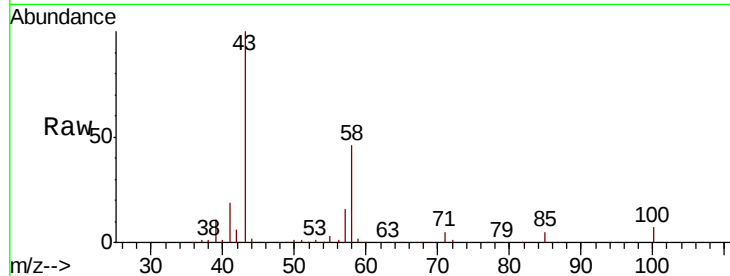




#59
2-Hexanone
Concen: 233.007 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

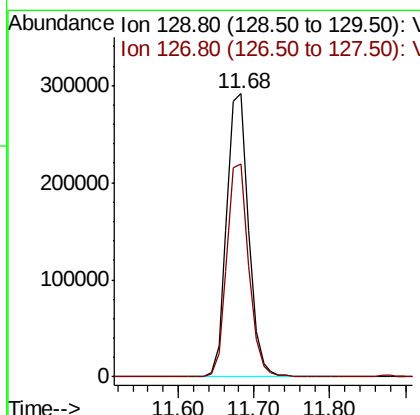
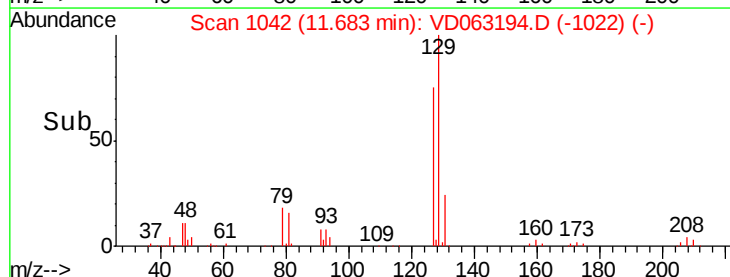
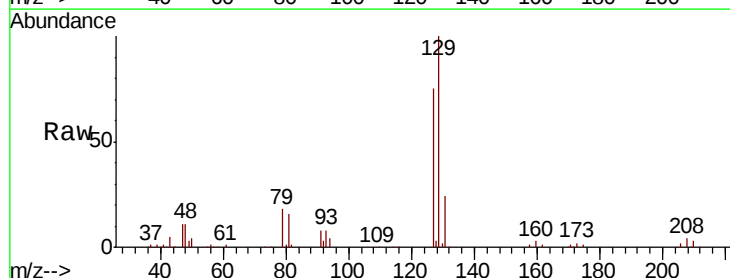
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

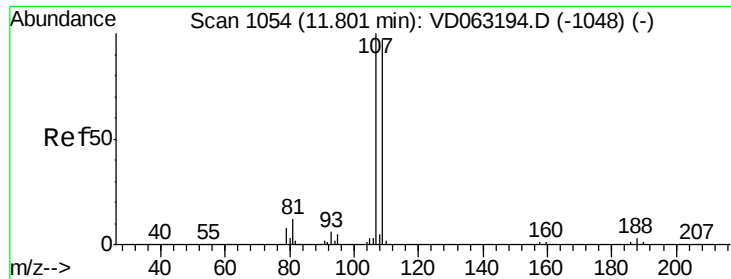
Tot Ion: 43 Resp: 841408
Ion Ratio Lower Upper
43 100
58 45.7 22.9 68.5



#60
Dibromochloromethane
Concen: 50.995 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion: 129 Resp: 581888
Ion Ratio Lower Upper
129 100
127 75.2 37.6 112.8

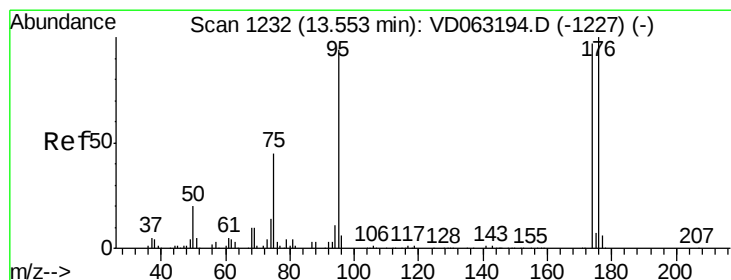
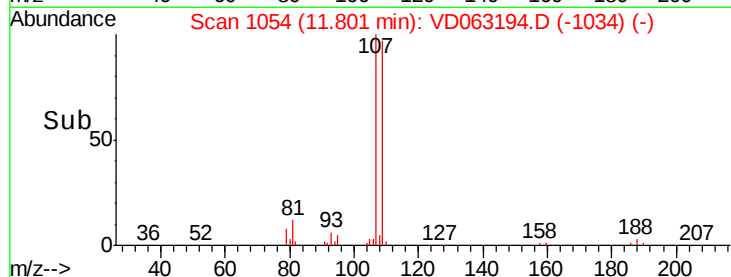
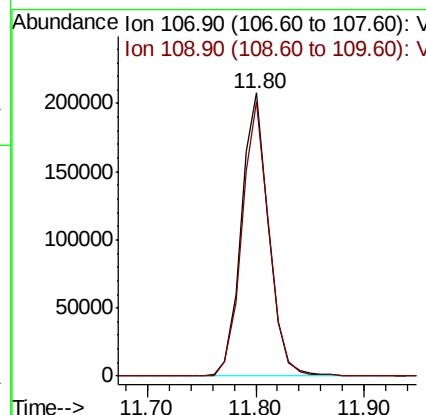
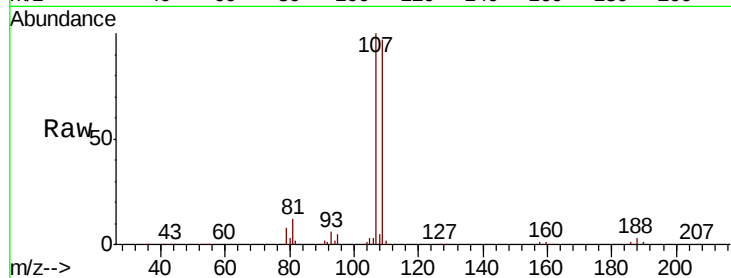




#61
 1,2-Dibromoethane
 Concen: 48.778 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

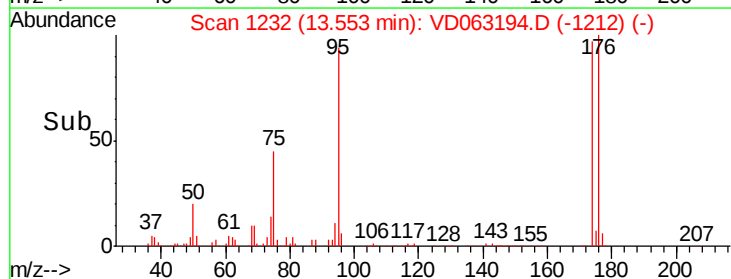
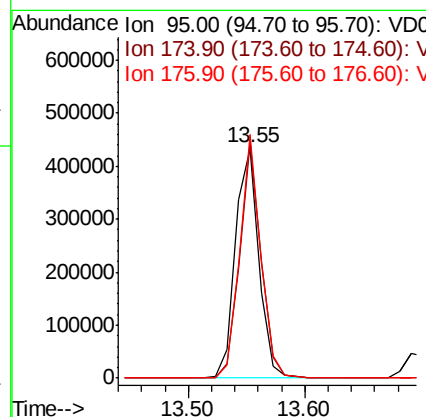
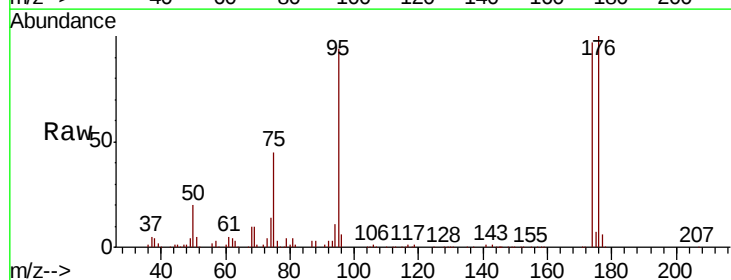
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

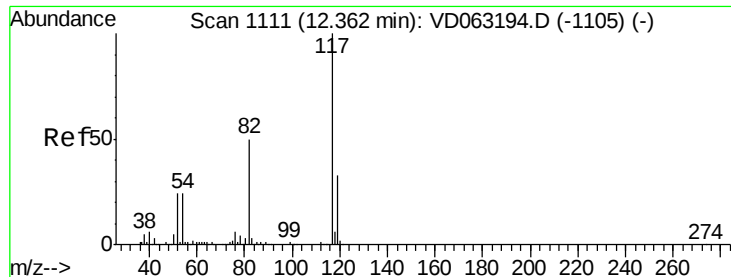
Tot Ion:107 Resp: 363800
 Ion Ratio Lower Upper
 107 100
 109 96.9 77.5 116.3



#62
 4-Bromofluorobenzene
 Concen: 49.311 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Tgt Ion: 95 Resp: 604042
 Ion Ratio Lower Upper
 95 100
 174 102.7 0.0 205.4
 176 105.9 0.0 211.8

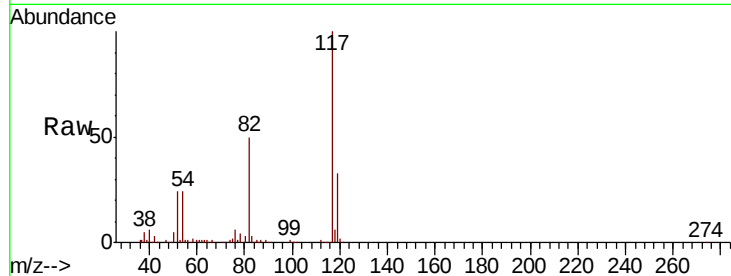




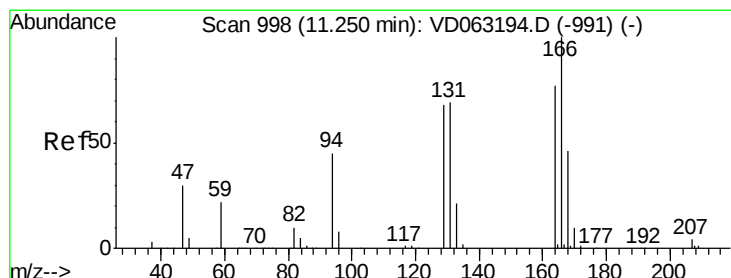
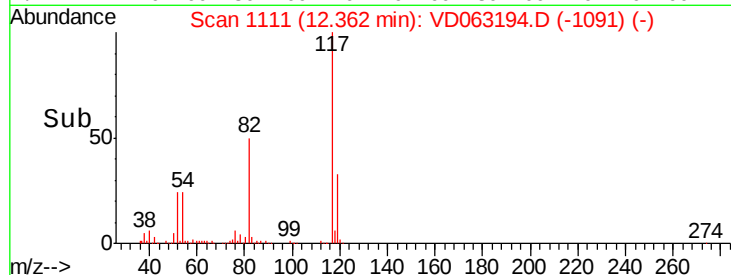
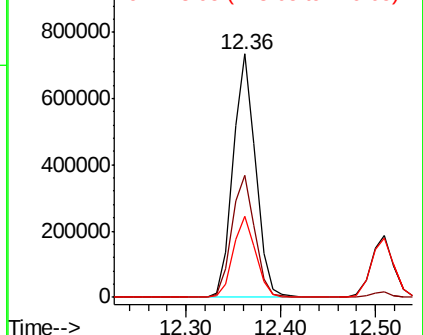
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 1206008
Ion Ratio Lower Upper
117 100
82 50.1 40.1 60.1
119 33.1 26.5 39.7

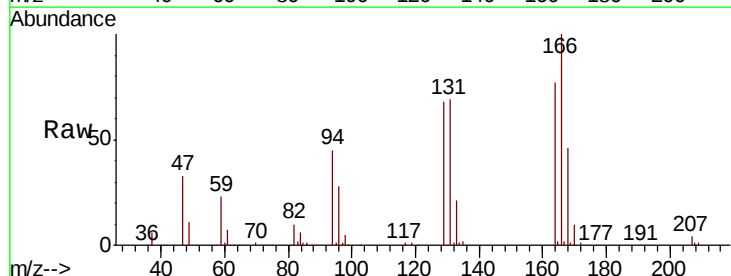


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

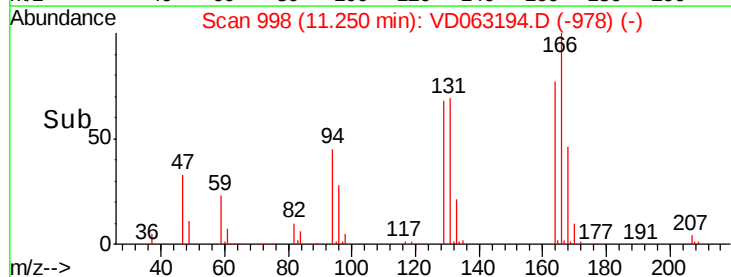
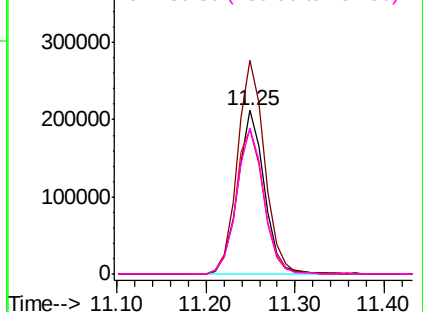


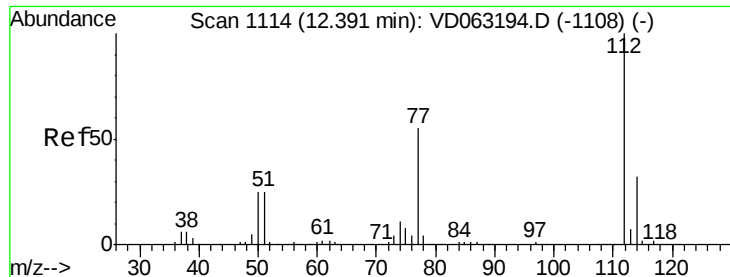
#64
Tetrachloroethene
Concen: 45.771 ug/l
RT: 11.25 min Scan# 998
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion:164 Resp: 439760
Ion Ratio Lower Upper
164 100
166 130.4 104.3 156.5
129 88.6 70.9 106.3
131 89.5 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

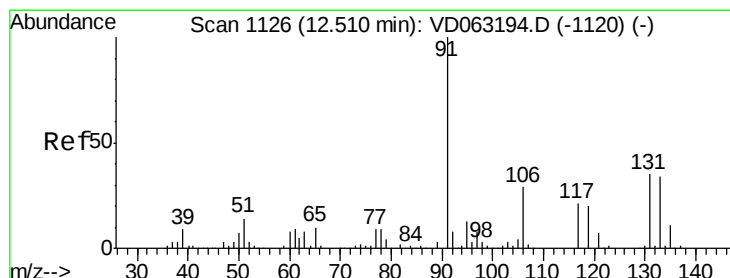
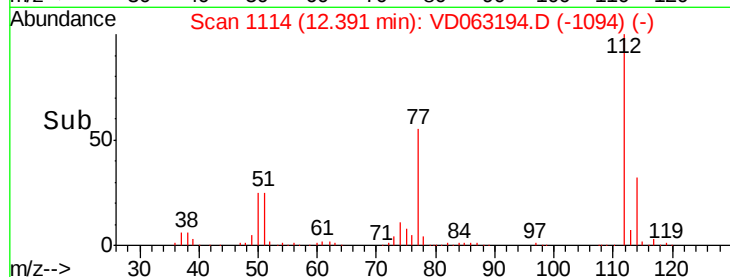
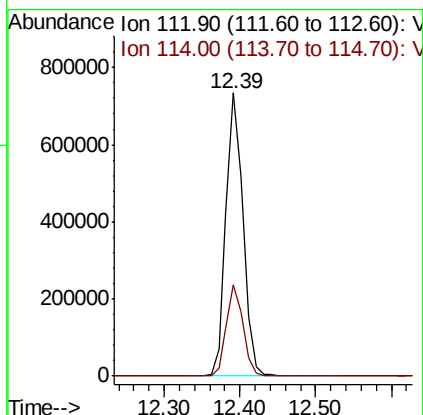
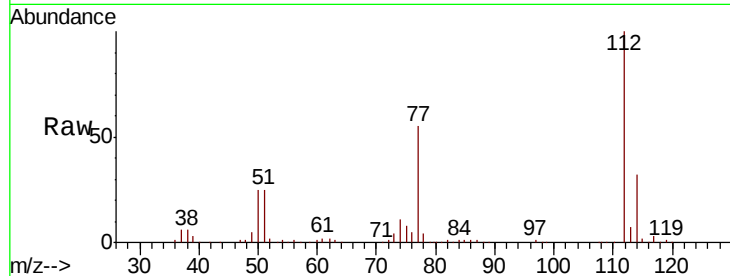




#65
Chlorobenzene
Concen: 49.744 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

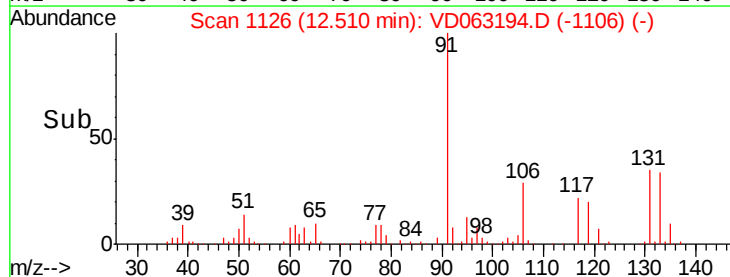
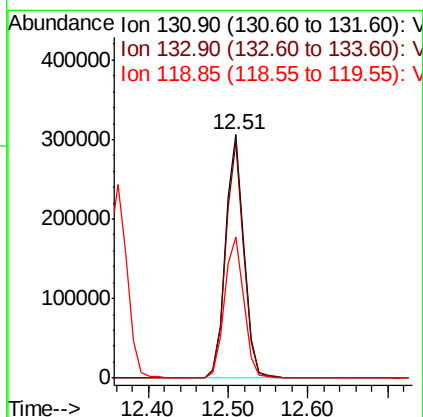
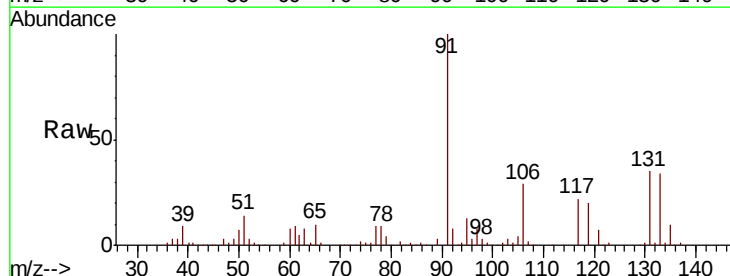
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

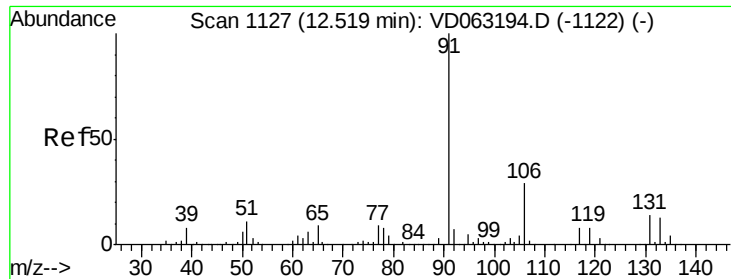
Tot Ion:112 Resp: 1153902
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.623 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion:131 Resp: 496833
Ion Ratio Lower Upper
131 100
133 96.8 48.4 145.2
119 58.2 29.1 87.3

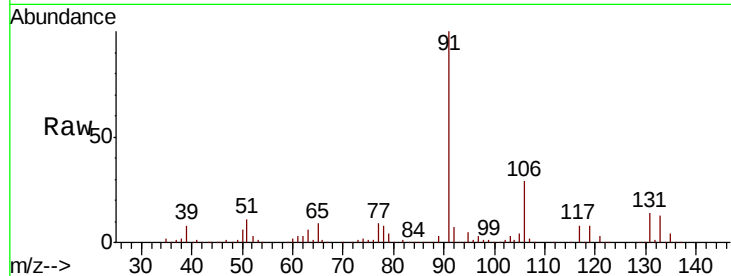




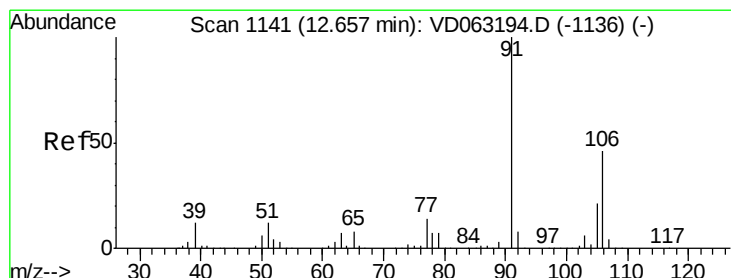
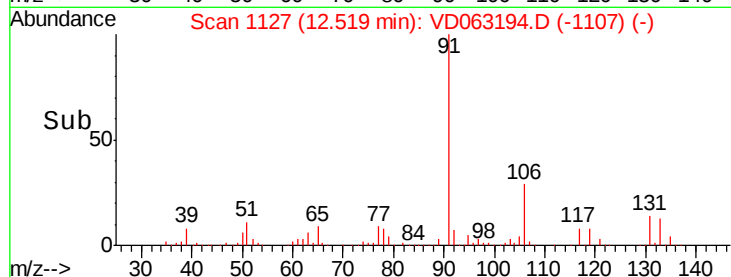
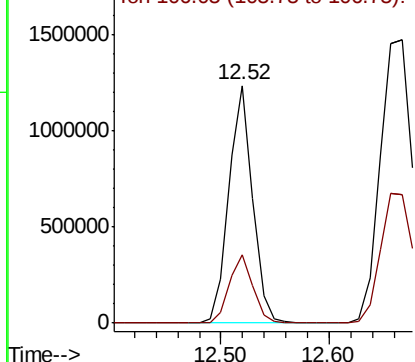
#67
Ethyl Benzene
Concen: 48.063 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1893992
Ion Ratio Lower Upper
91 100
106 28.6 22.9 34.3

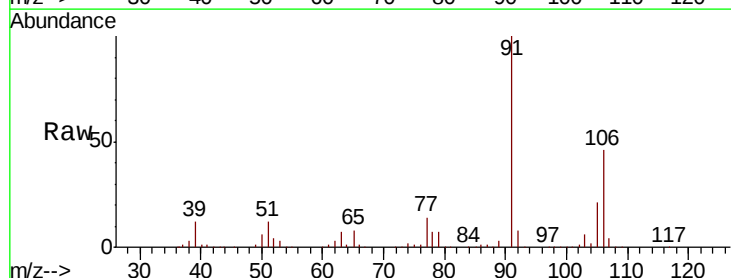


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

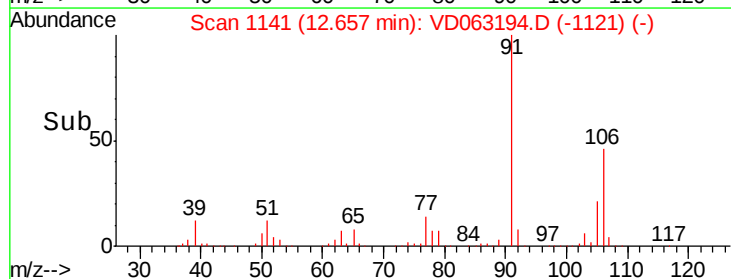
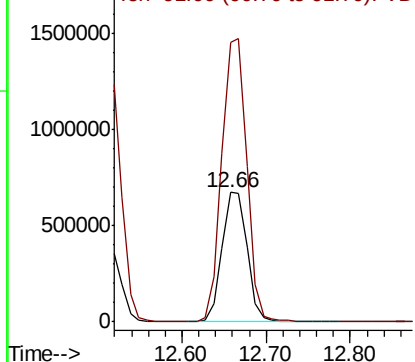


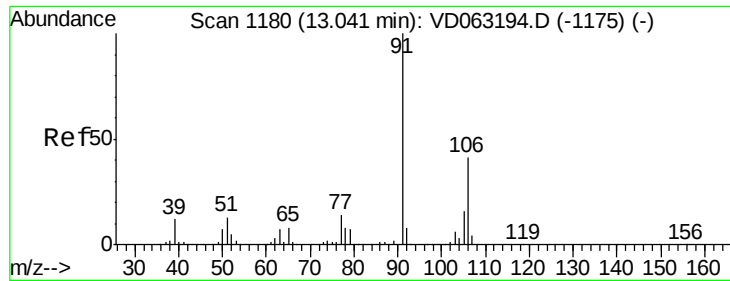
#68
m/p-Xylenes
Concen: 95.448 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion: 106 Resp: 1379373
Ion Ratio Lower Upper
106 100
91 215.8 172.6 259.0



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

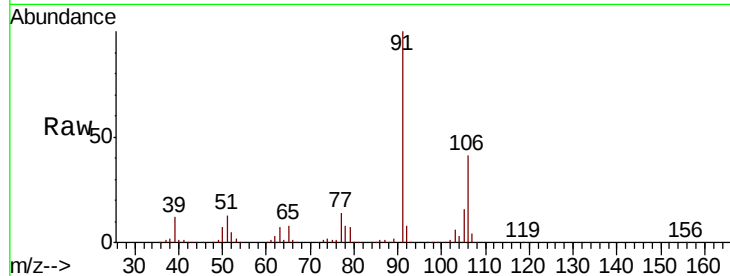




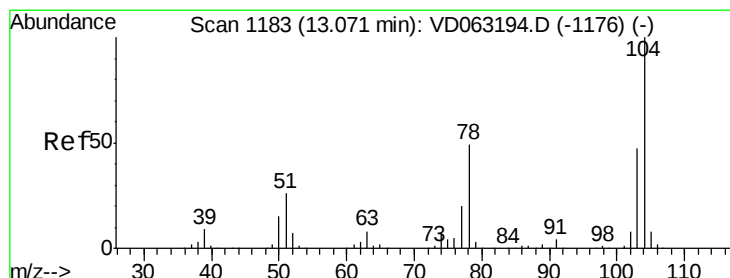
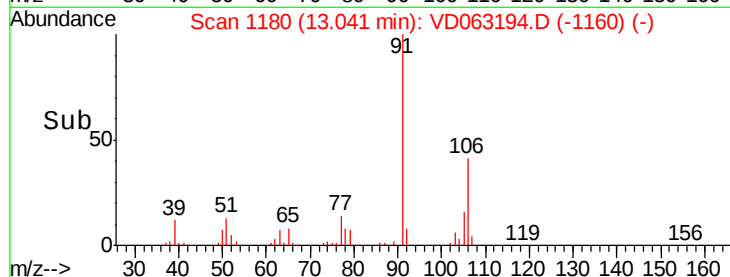
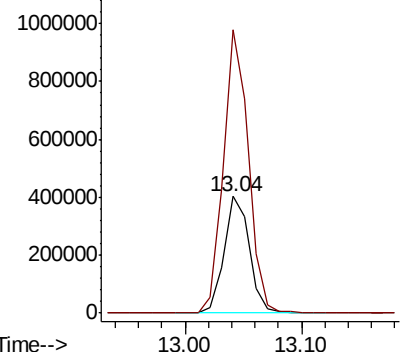
#69
o-Xylene
Concen: 45.808 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 607912
Ion Ratio Lower Upper
106 100
91 242.6 121.3 363.9

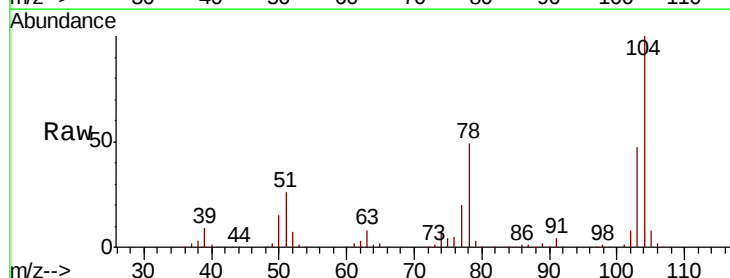


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

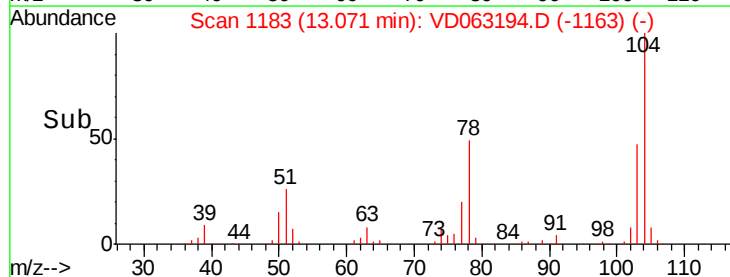
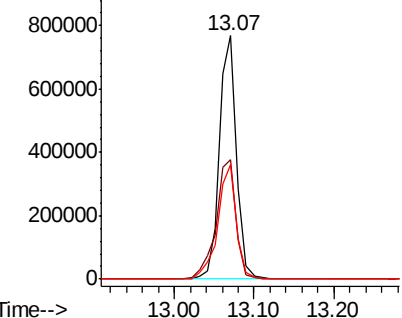


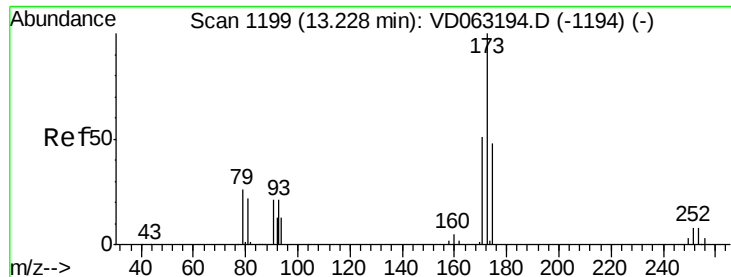
#70
Styrene
Concen: 49.080 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion:104 Resp: 1155093
Ion Ratio Lower Upper
104 100
78 49.2 39.4 59.0
103 46.8 37.4 56.2



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

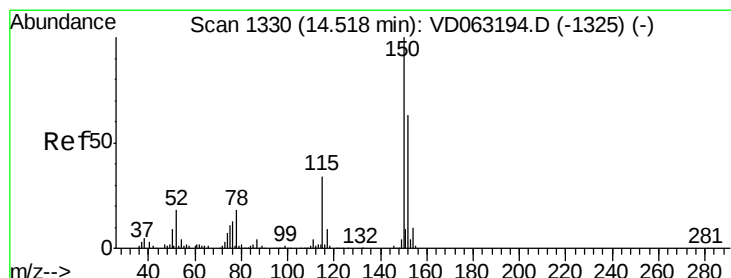
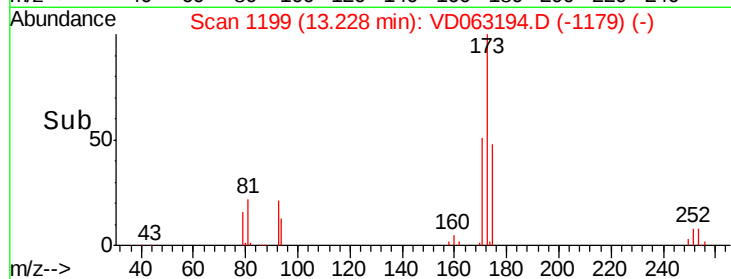
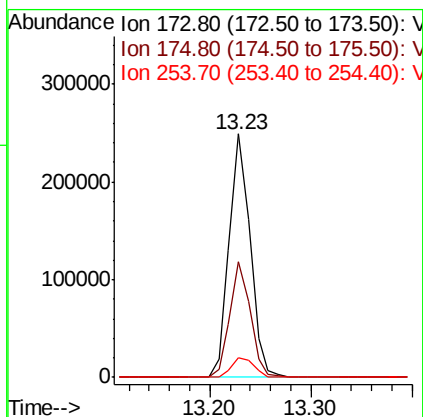
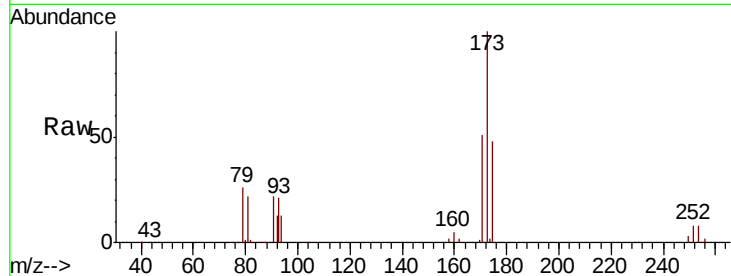




#71
Bromoform
Concen: 48.697 ug/l
RT: 13.23 min Scan# 1199
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

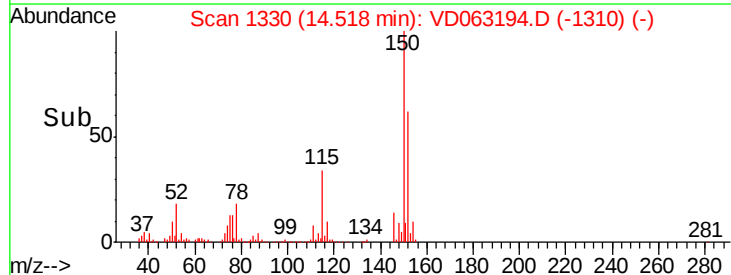
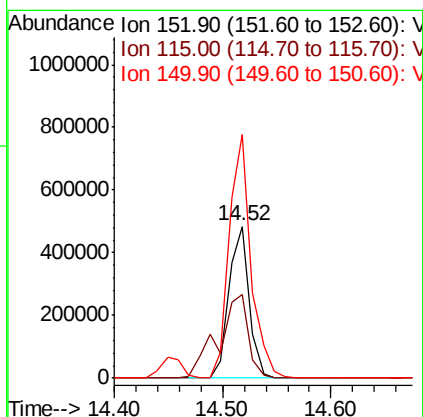
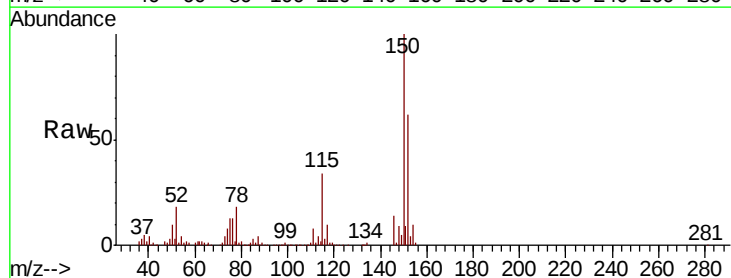
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

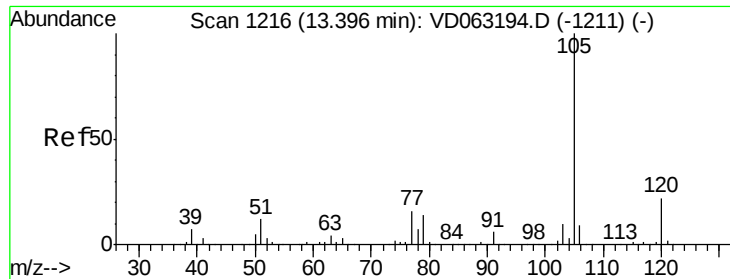
Tot Ion:173 Resp: 361854
Ion Ratio Lower Upper
173 100
175 47.7 23.8 71.5
254 8.3 6.6 10.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion:152 Resp: 632802
Ion Ratio Lower Upper
152 100
115 54.9 27.5 82.4
150 160.3 0.0 320.6





#73

Isopropylbenzene

Concen: 49.548 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

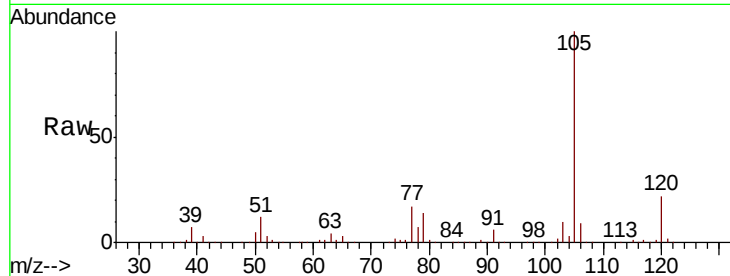
VSTDICCC050

Tot Ion:105 Resp: 1967874

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

1500000

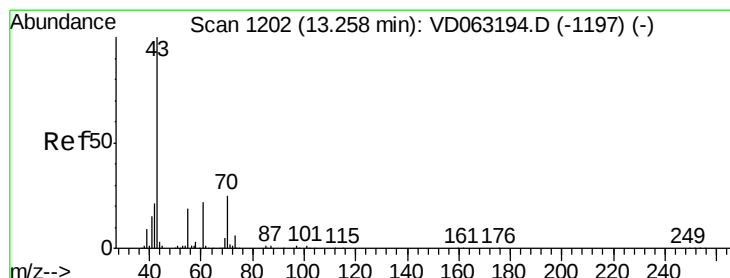
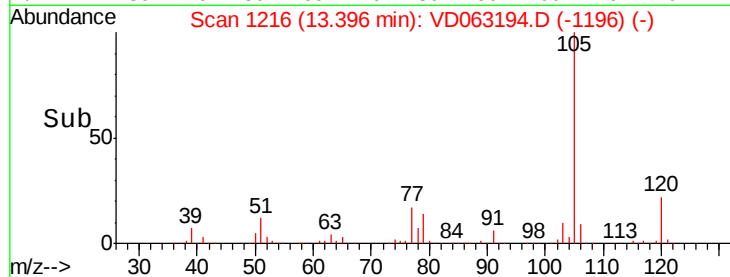
1000000

500000

0

13.30 13.40 13.50

Time-->



#74

N-ethyl acetate

Concen: 49.249 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Tgt Ion: 43 Resp: 517087

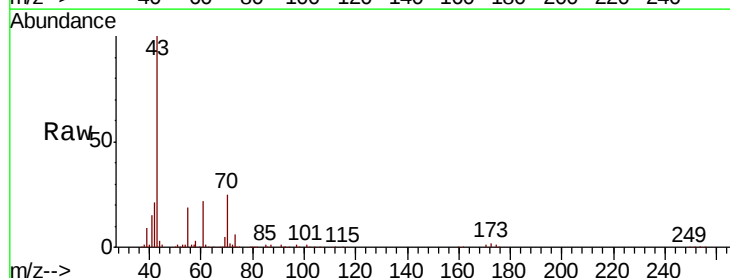
Ion Ratio Lower Upper

43 100

70 25.3 20.2 30.4

55 18.6 14.9 22.3

61 22.4 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

600000

500000

400000

300000

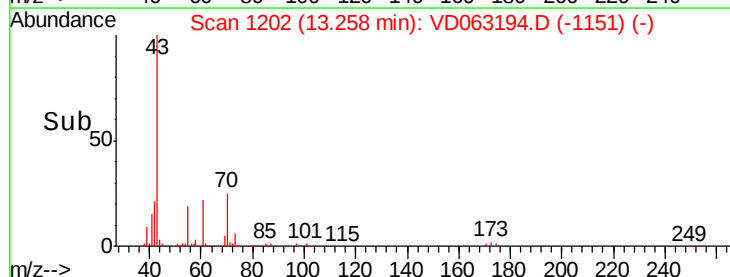
200000

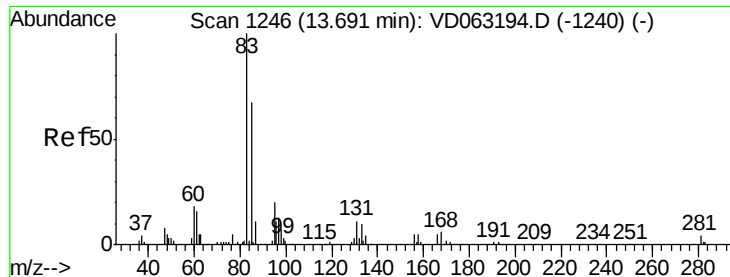
100000

0

13.20 13.30 13.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.189 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

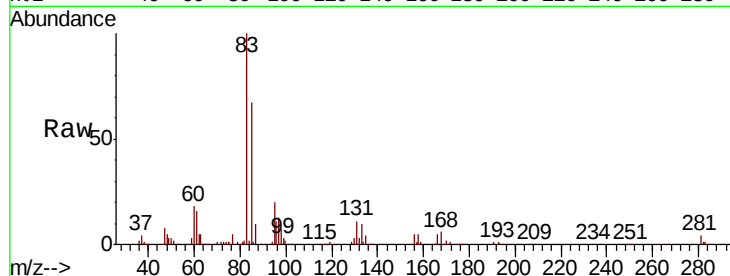
Tot Ion: 83 Resp: 331848

Ion Ratio Lower Upper

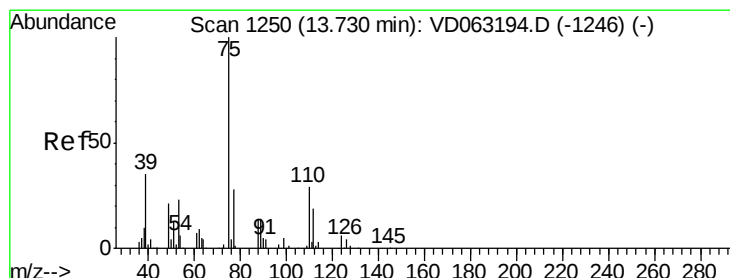
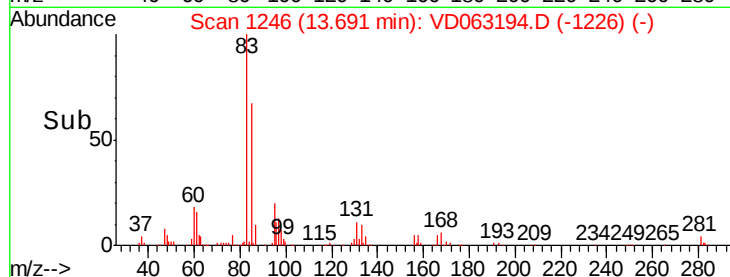
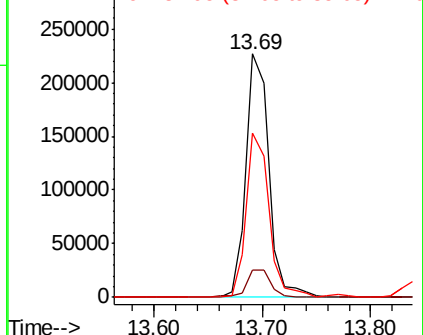
83 100

131 11.1 5.5 16.7

85 67.4 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 50.788 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD063194.D

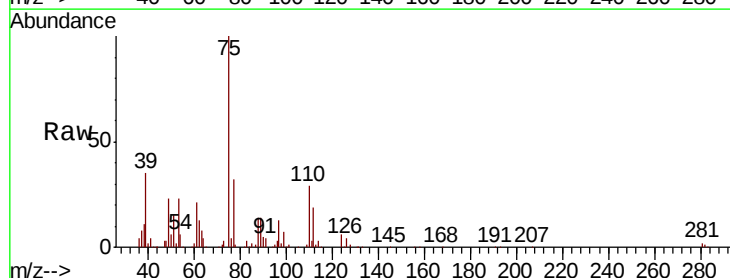
Acq: 29 Jul 2019 12:36

Tgt Ion: 75 Resp: 386028

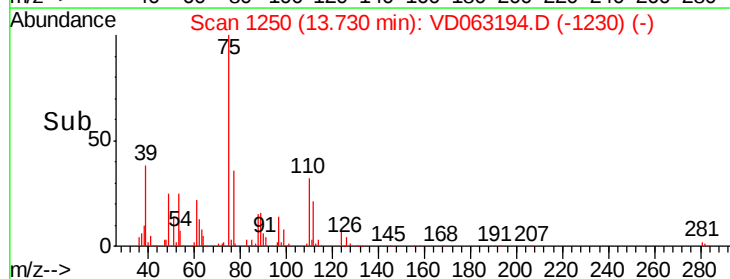
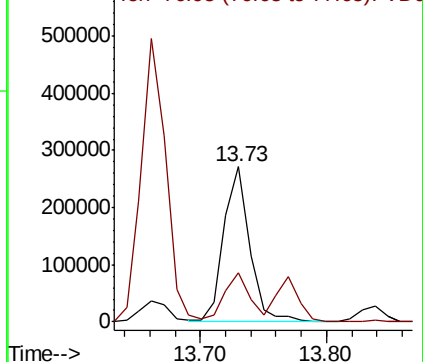
Ion Ratio Lower Upper

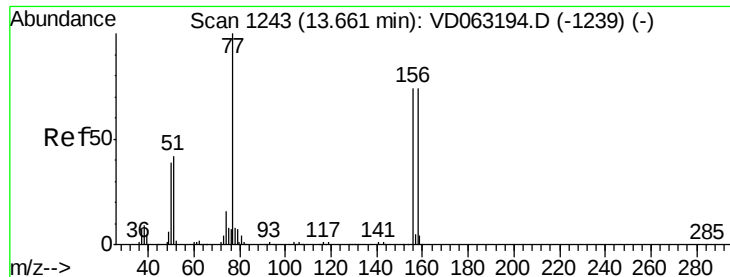
75 100

77 32.0 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: 47.918 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

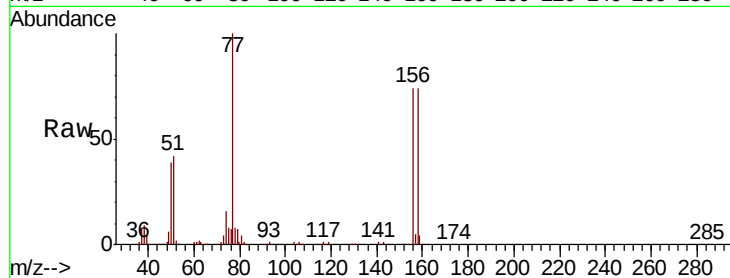
Tot Ion:156 Resp: 542143

Ion Ratio Lower Upper

156 100

77 135.2 67.6 202.8

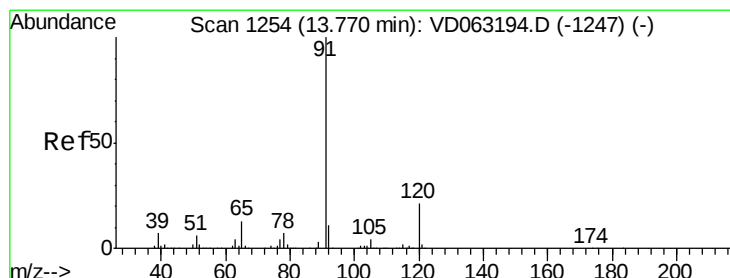
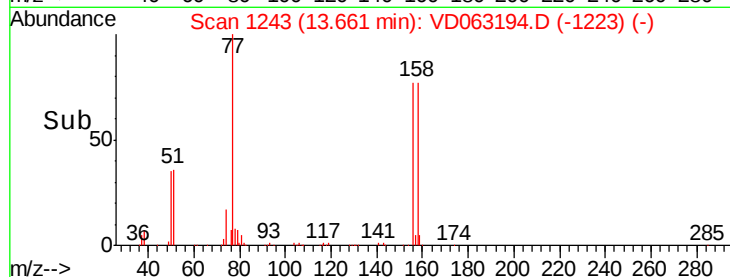
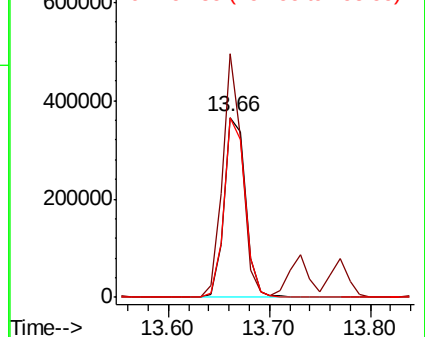
158 99.6 49.8 149.4



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 50.354 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD063194.D

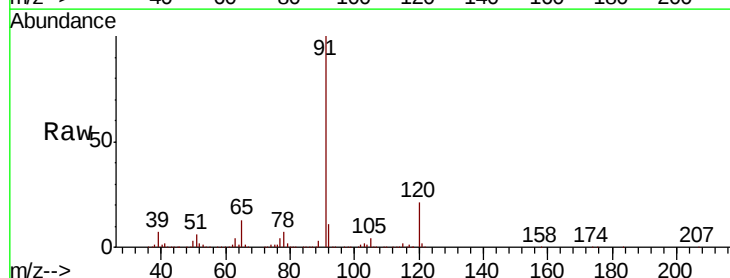
Acq: 29 Jul 2019 12:36

Tgt Ion: 91 Resp: 2379919

Ion Ratio Lower Upper

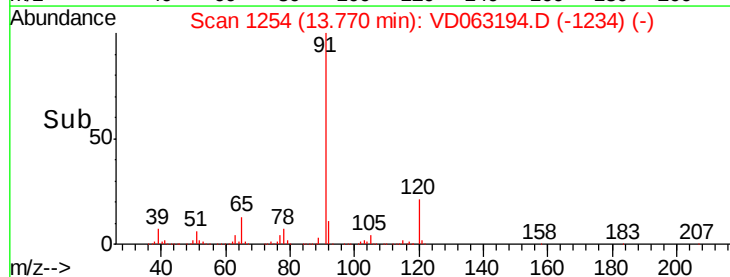
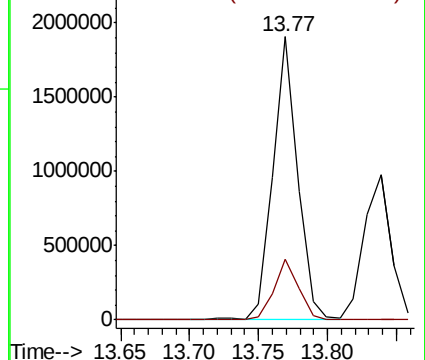
91 100

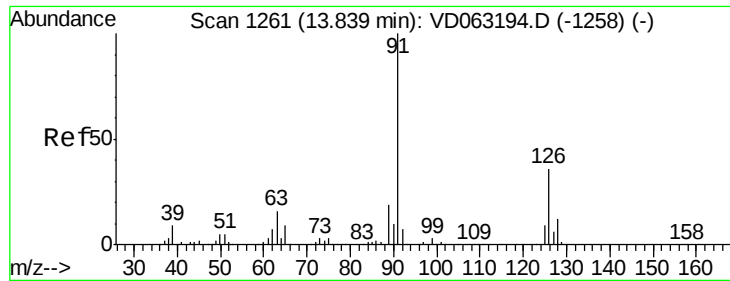
120 21.4 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

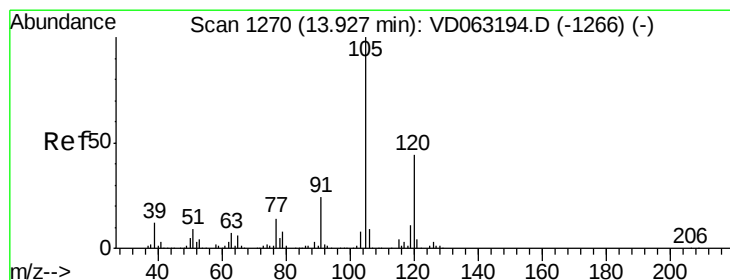
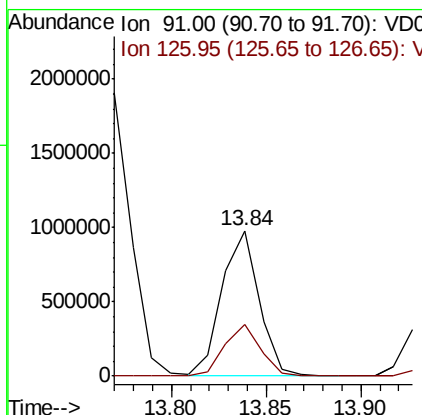
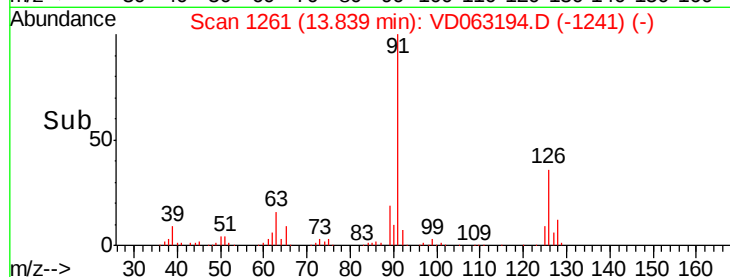
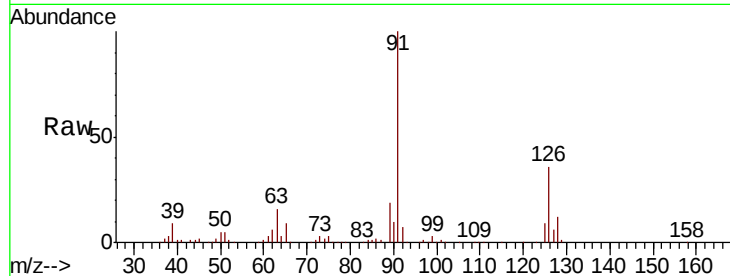




#79
 2-Chlorotoluene
 Concen: 48.431 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

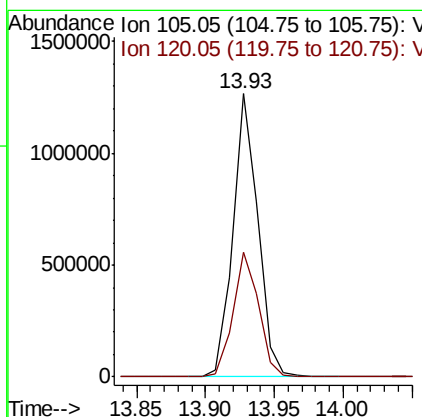
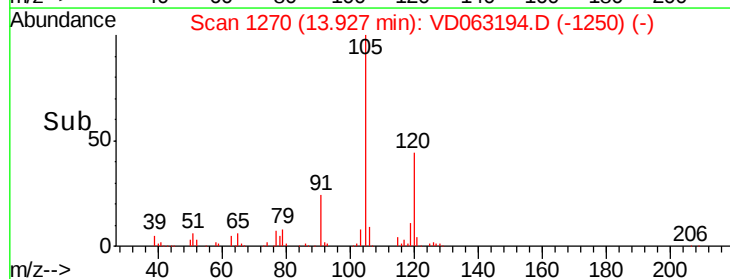
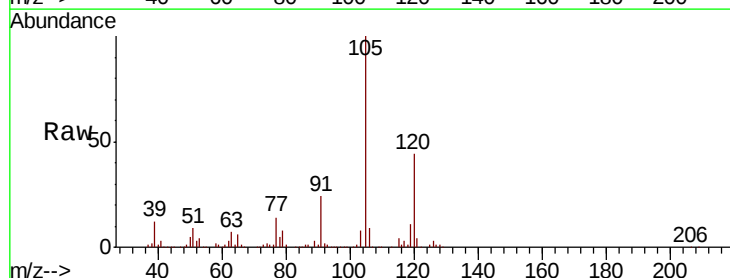
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

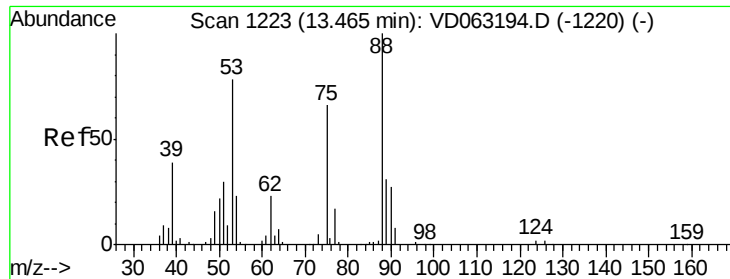
Tot Ion: 91 Resp: 1326344
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.8 53.5



#80
 1,3,5-Trimethylbenzene
 Concen: 46.314 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Tgt Ion: 105 Resp: 1586498
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.1





#81

trans-1,4-Dichloro-2-butene

Concen: 50.454 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

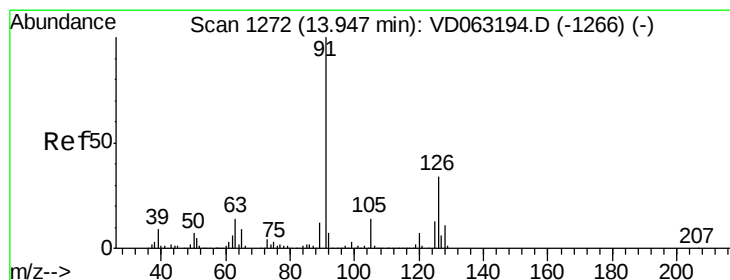
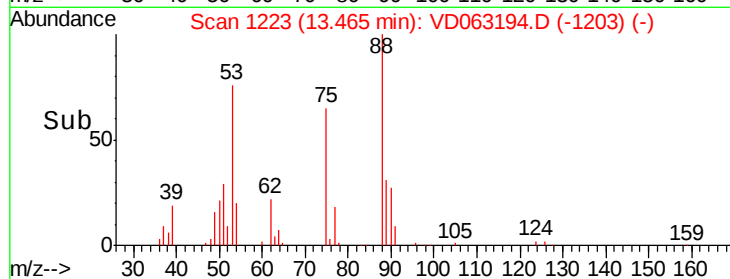
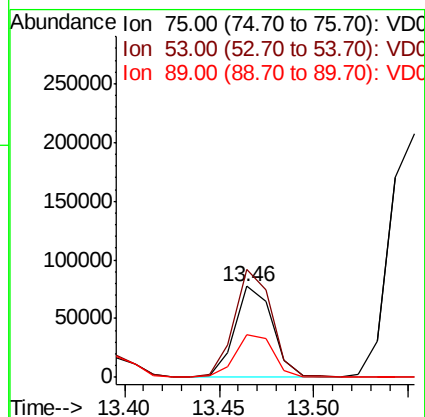
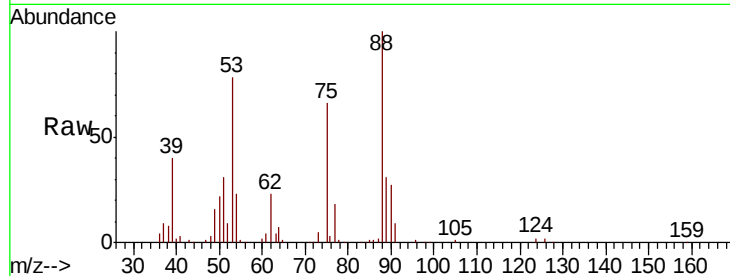
Tot Ion: 75 Resp: 106487

Ion Ratio Lower Upper

75 100

53 118.6 94.9 142.3

89 46.7 37.4 56.0



#82

4-Chlorotoluene

Concen: 46.501 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD063194.D

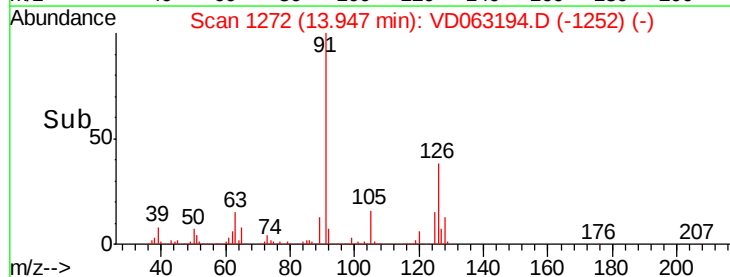
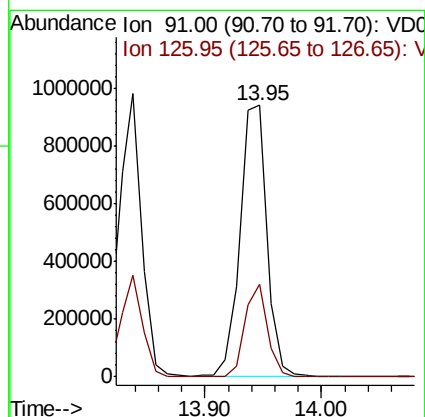
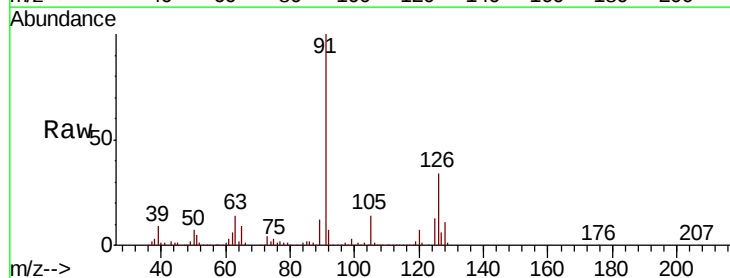
Acq: 29 Jul 2019 12:36

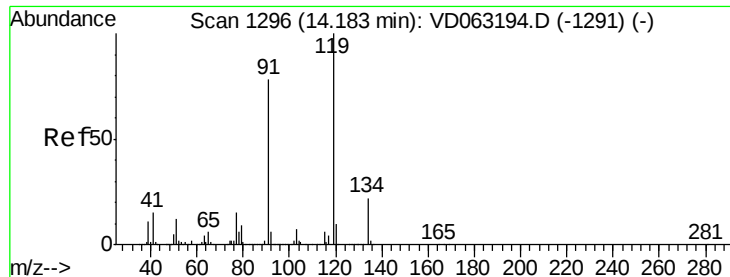
Tgt Ion: 91 Resp: 1498734

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 48.267 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

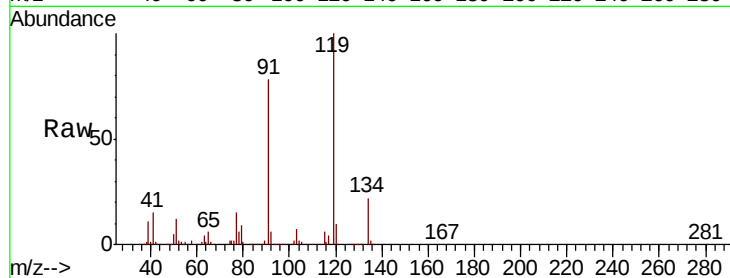
Tot Ion:119 Resp: 1887881

Ion Ratio Lower Upper

119 100

91 78.3 39.1 117.5

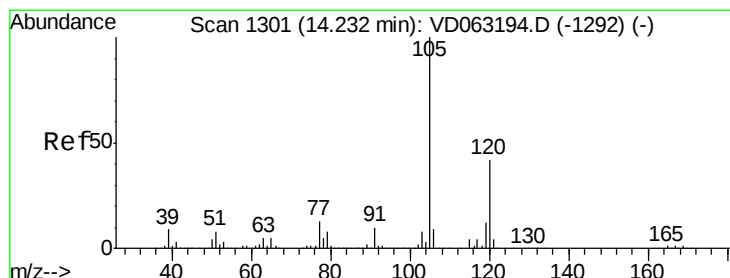
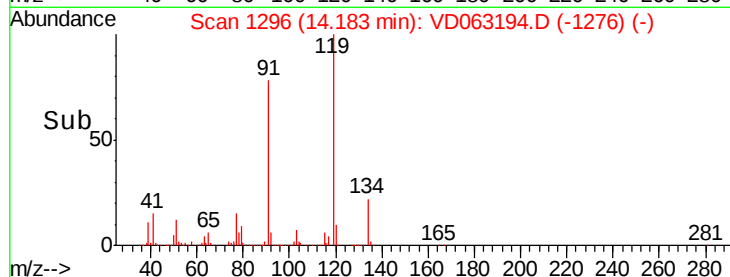
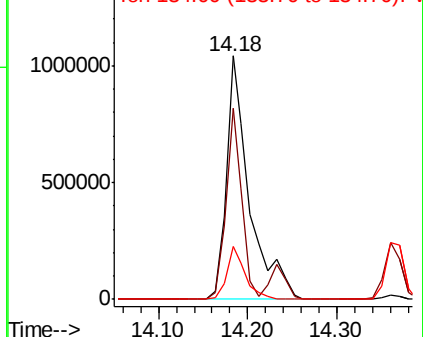
134 21.7 10.9 32.6



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: 49.578 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VD063194.D

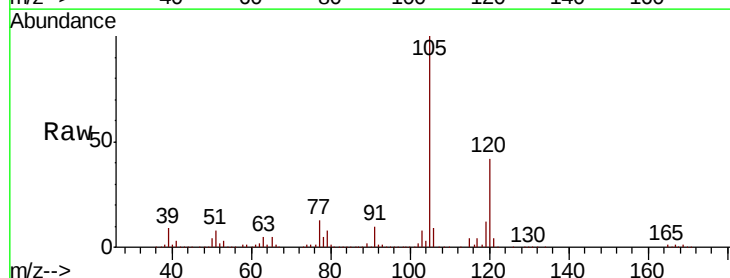
Acq: 29 Jul 2019 12:36

Tgt Ion:105 Resp: 1756642

Ion Ratio Lower Upper

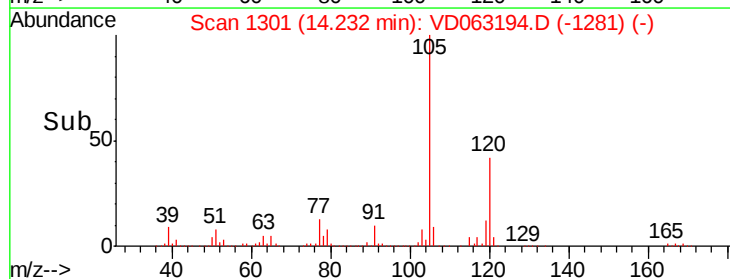
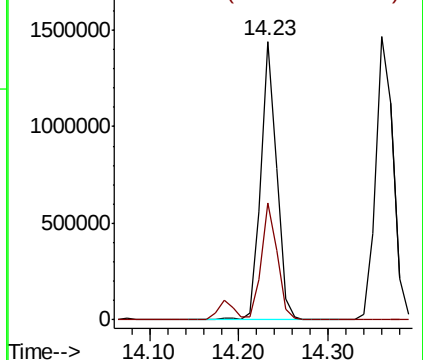
105 100

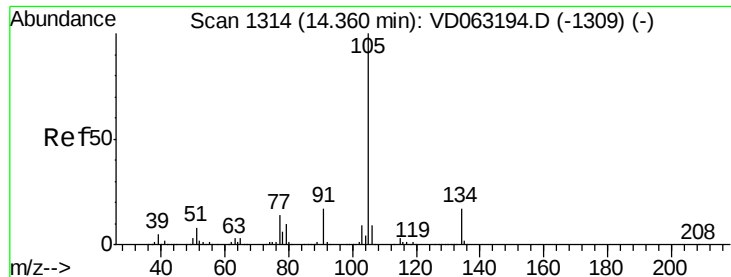
120 41.8 20.9 62.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 47.521 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

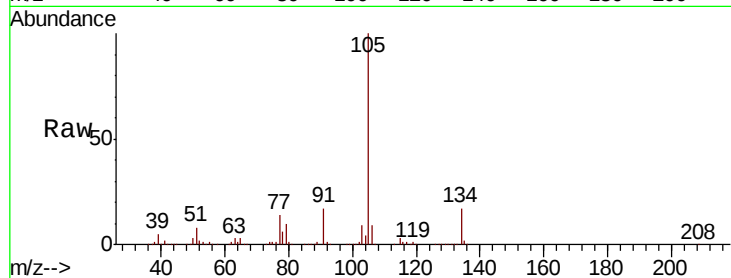
VSTDICCC050

Tot Ion:105 Resp: 1958278

Ion Ratio Lower Upper

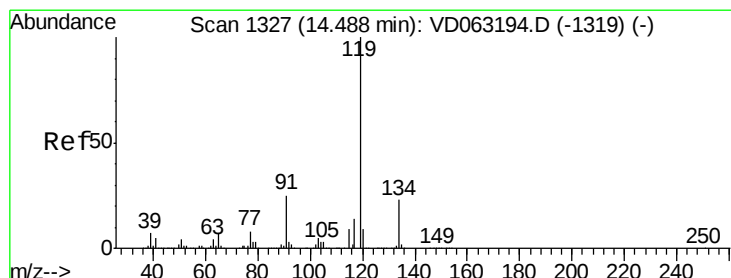
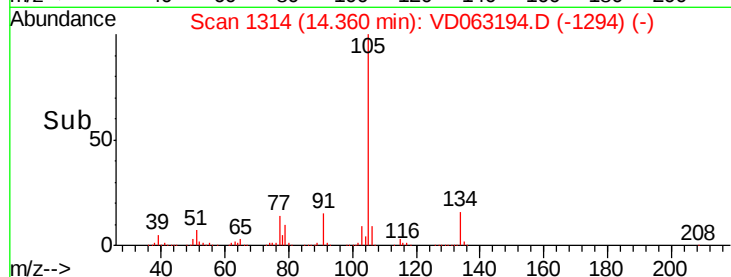
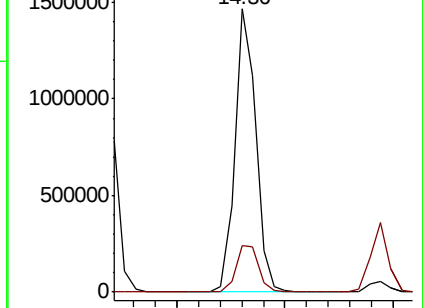
105 100

134 16.6 8.3 24.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 47.007 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

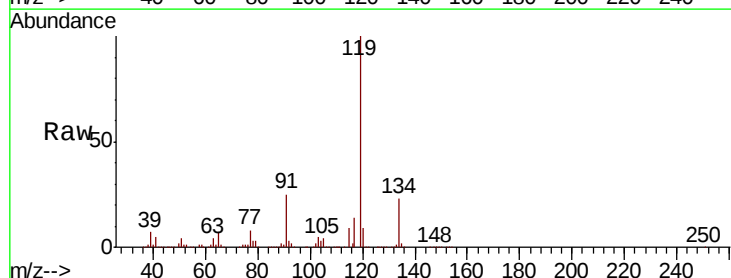
Tgt Ion:119 Resp: 1848881

Ion Ratio Lower Upper

119 100

134 23.0 11.5 34.5

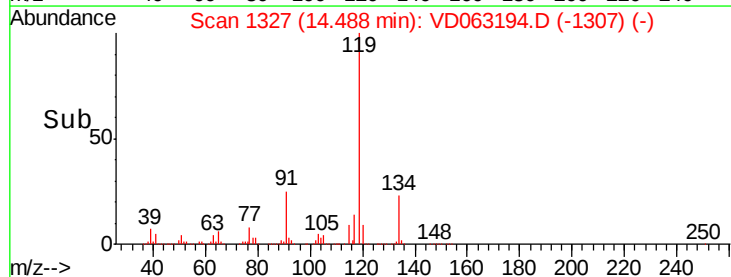
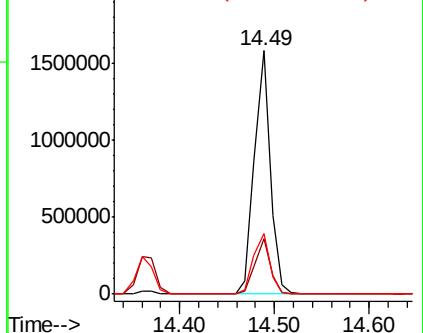
91 25.1 12.6 37.6

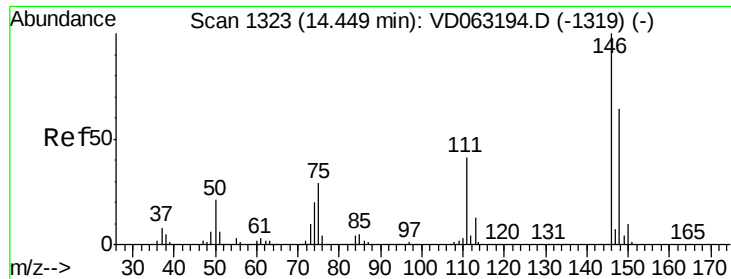


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

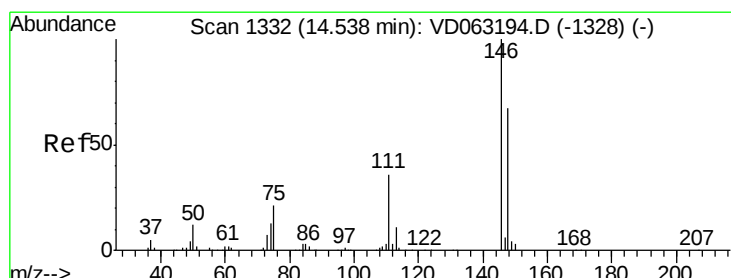
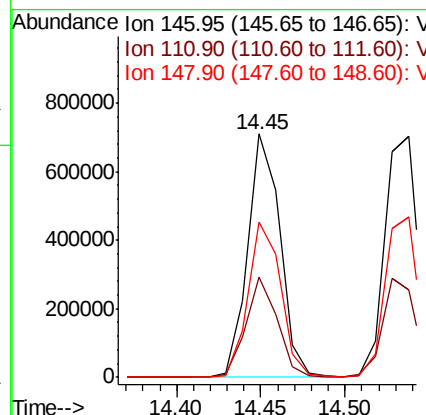
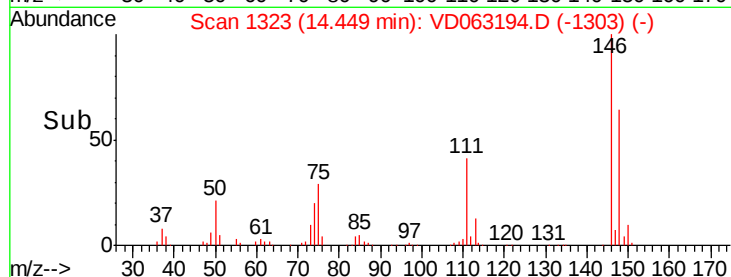
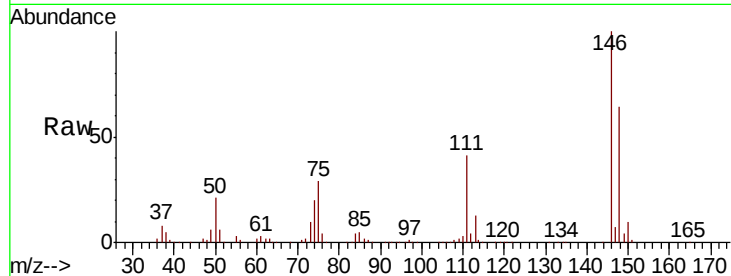




#87
 1,3-Dichlorobenzene
 Concen: 47.297 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

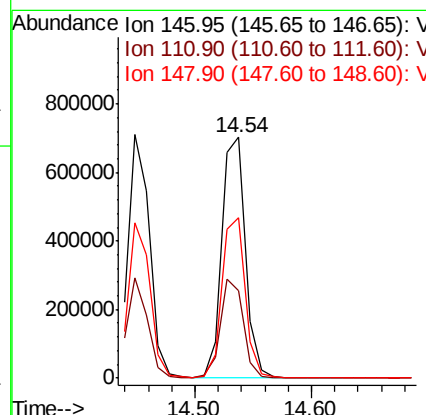
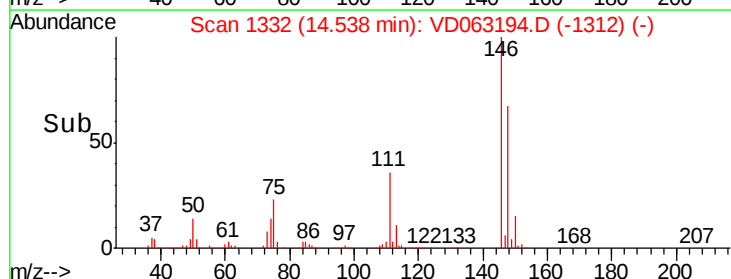
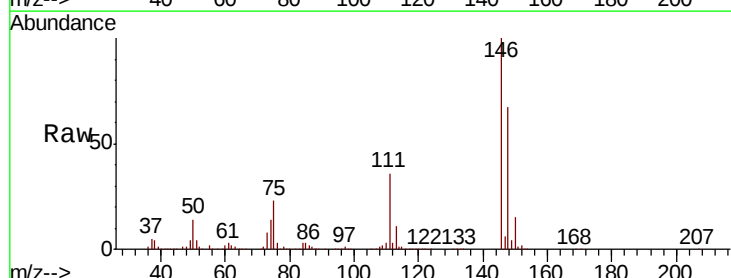
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

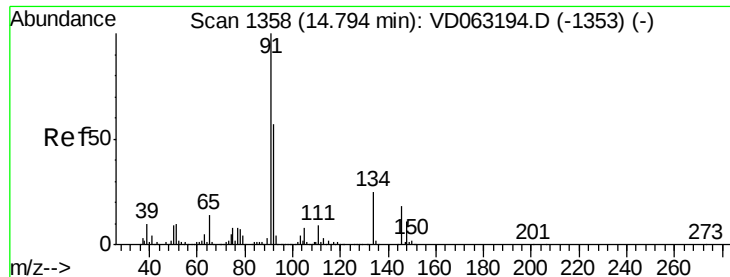
Tot Ion:146 Resp: 947665
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.596 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Tgt Ion:146 Resp: 984605
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.3
 148 66.7 33.4 100.1





#89

n-Butylbenzene

Concen: 49.616 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD063194.D

Acq: 29 Jul 2019 12:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

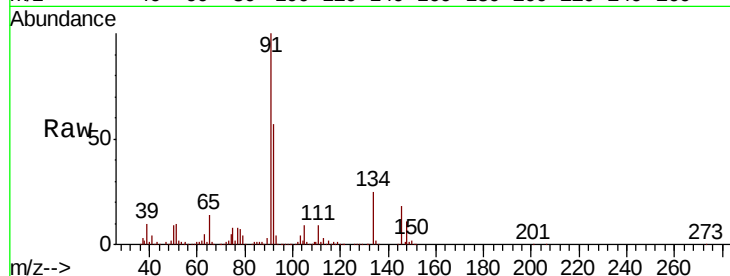
Tot Ion: 91 Resp: 1685487

Ion	Ratio	Lower	Upper
91	100		
92	56.7	28.3	85.0
134	24.5	12.3	36.8

91 100

92 56.7 28.3 85.0

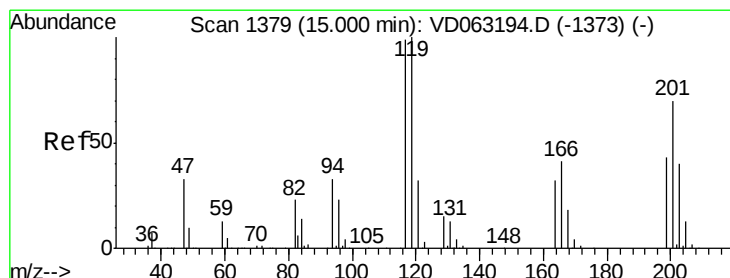
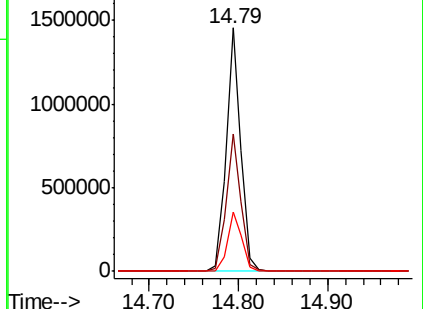
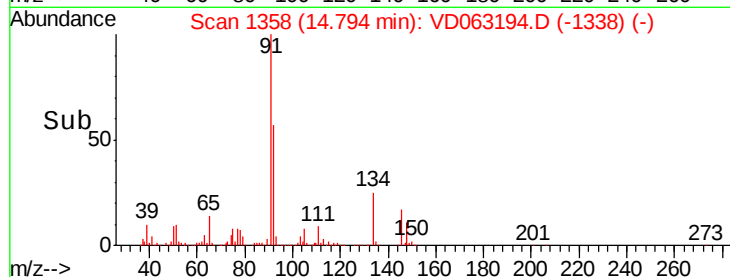
134 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 47.114 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. 0.00 min

Lab File: VD063194.D

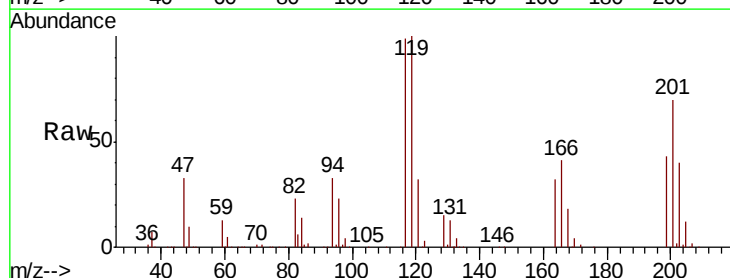
Acq: 29 Jul 2019 12:36

Tgt Ion: 117 Resp: 482788

Ion	Ratio	Lower	Upper
117	100		
201	70.4	35.2	105.6

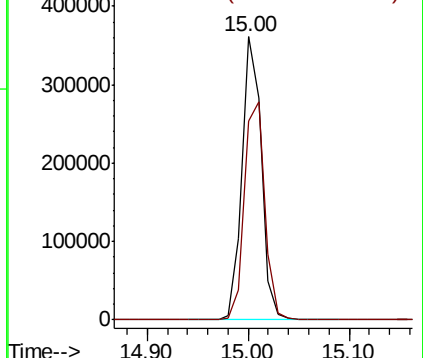
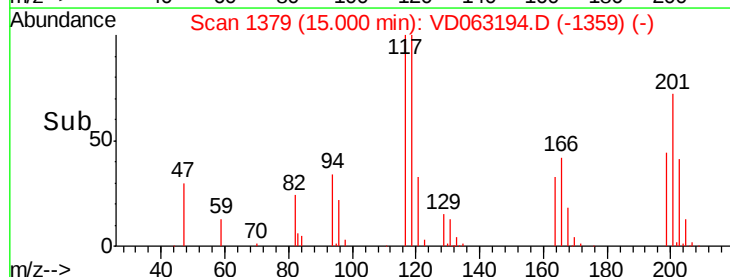
117 100

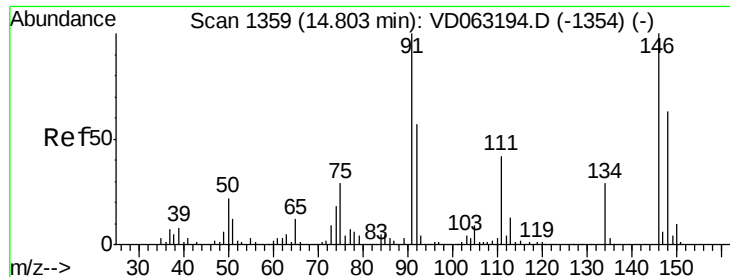
201 70.4 35.2 105.6



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

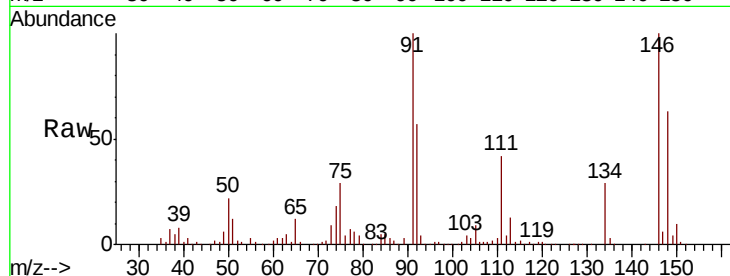




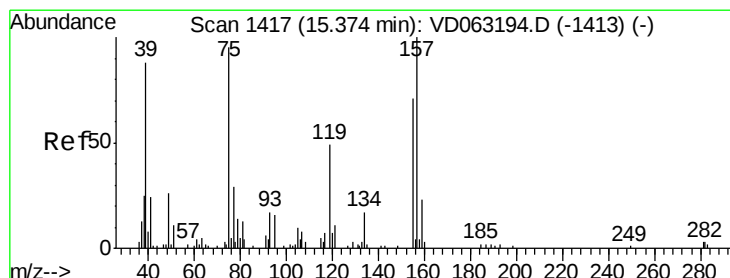
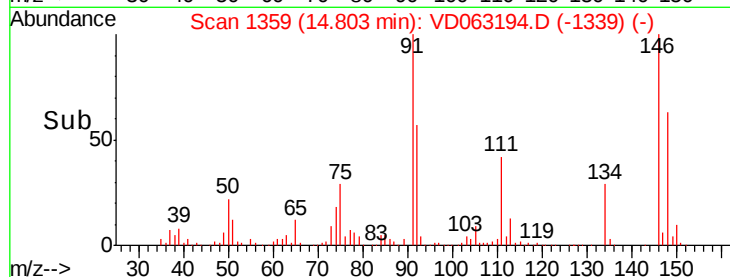
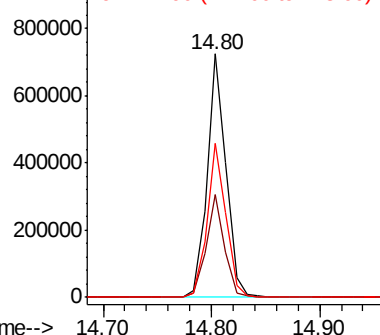
#91
 1,2-Dichlorobenzene
 Concen: 49.962 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:146 Resp: 872203
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.2 31.6 94.8

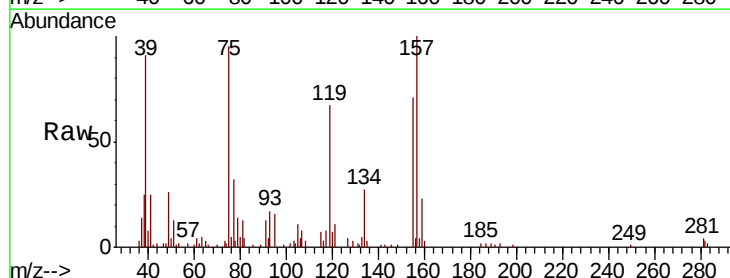


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

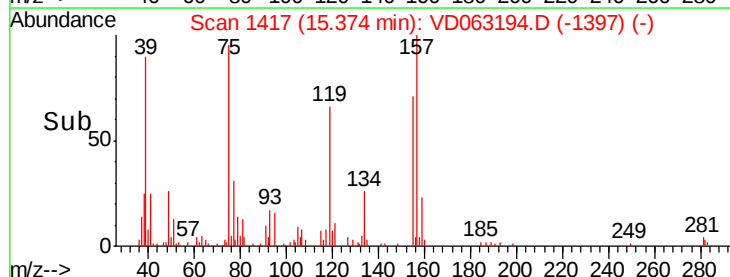
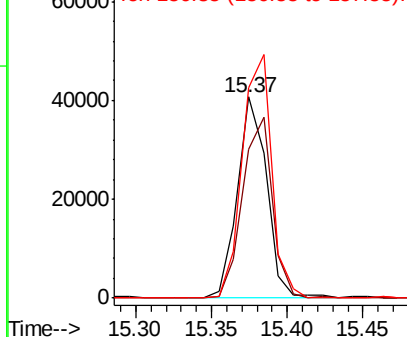


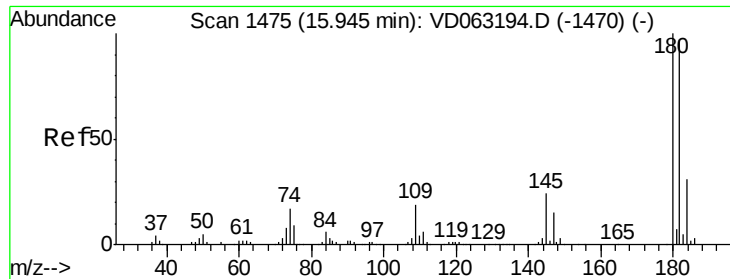
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.596 ug/l
 RT: 15.37 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Tgt Ion: 75 Resp: 54413
 Ion Ratio Lower Upper
 75 100
 155 74.0 37.0 111.0
 157 104.8 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

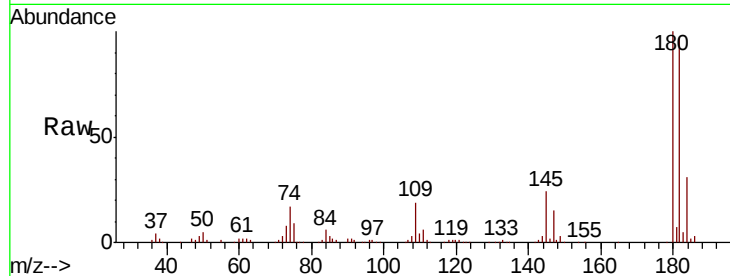




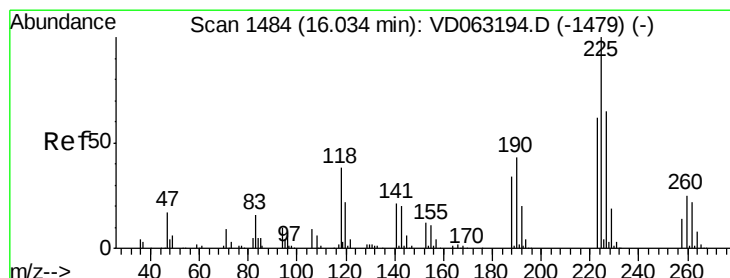
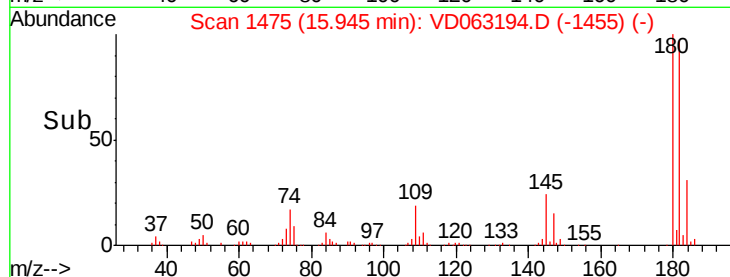
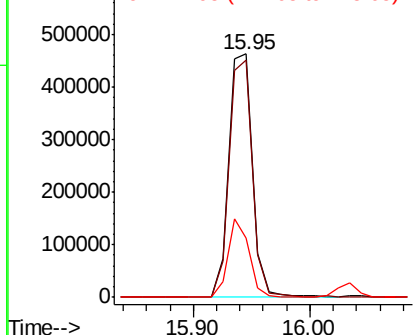
#93
 1,2,4-Trichlorobenzene
 Concen: 47.238 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 654199
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.6 145.8
 145 24.4 12.2 36.6

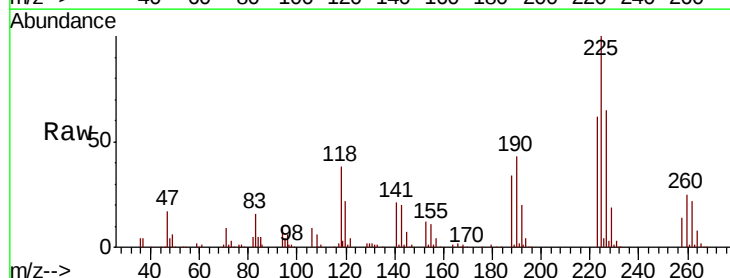


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

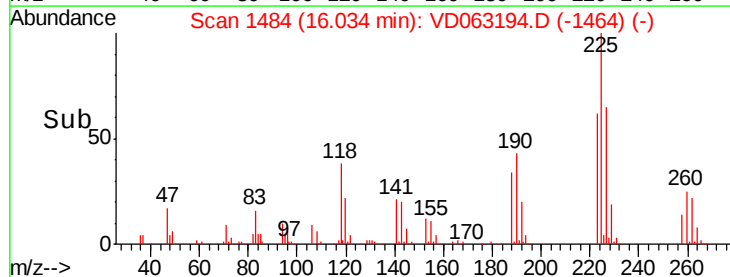
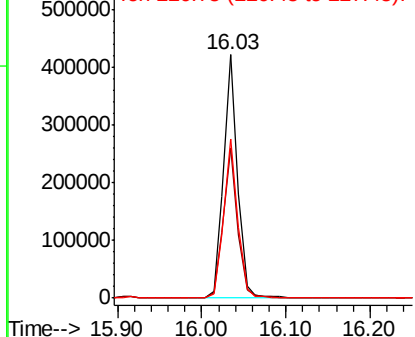


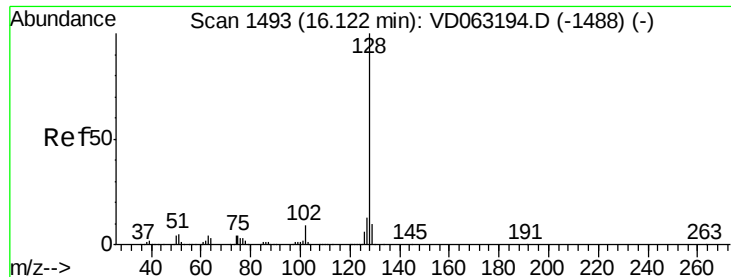
#94
 Hexachlorobutadiene
 Concen: 49.127 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: VD063194.D
 Acq: 29 Jul 2019 12:36

Tgt Ion:225 Resp: 493040
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.5
 227 65.1 32.6 97.7



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

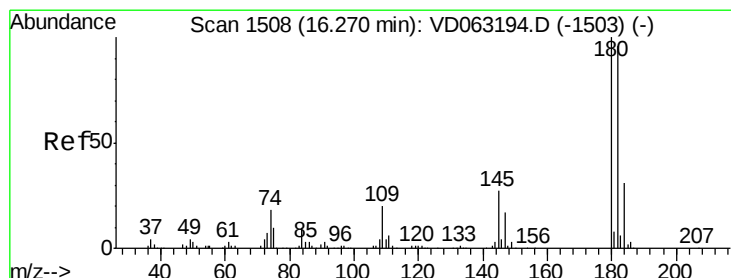
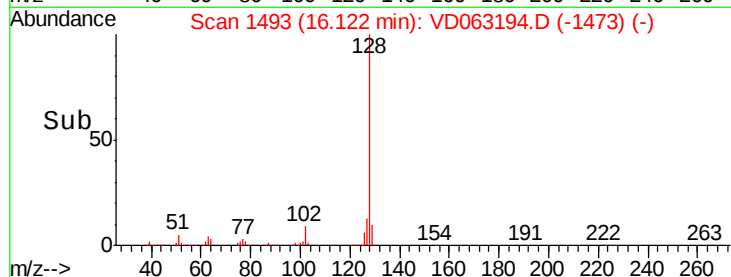
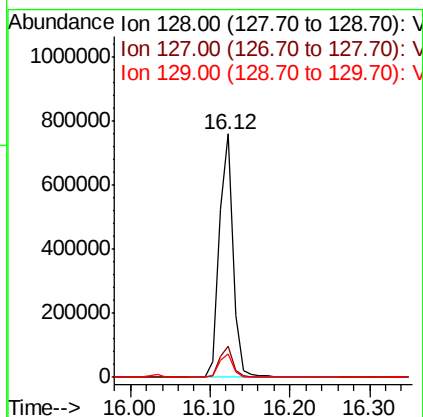
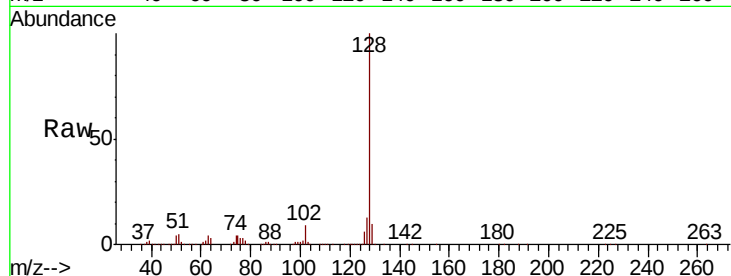




#95
Naphthalene
Concen: 47.931 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 938212
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 9.8 7.8 11.8



#96
1,2,3-Trichlorobenzene
Concen: 46.757 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VD063194.D
Acq: 29 Jul 2019 12:36

Tgt Ion:180 Resp: 511545
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.9
145 27.1 13.6 40.7

