

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD110118\
 Data File : VD060259.D
 Acq On : 1 Nov 2018 13:21
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 17:39:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	6.417	168	1581513	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.450	114	2191679	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.288	117	1780572	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.384	152	979781	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.791	65	571470	47.67	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	6.338	113	811650	48.77	ug/l	0.04
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	9.468	98	2216772	46.71	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.42%	
62) 4-Bromofluorobenzene	12.430	95	854461	48.09	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.595	85	611449	41.10	ug/l	100
3) Chloromethane	1.762	50	590354	44.01	ug/l	99
4) Vinyl Chloride	1.861	62	501229	45.66	ug/l	98
5) Bromomethane	2.146	94	74573	54.10	ug/l	96
6) Chloroethane	2.254	64	143387	47.86	ug/l	99
7) Trichlorofluoromethane	2.510	101	611510	46.52	ug/l	98
8) Diethyl Ether	2.835	74	144317	53.39	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.101	101	425838	52.00	ug/l	98
10) Methyl Iodide	3.248	142	417831	48.11	ug/l	97
11) Tert butyl alcohol	3.976	59	188238	218.94	ug/l	97
12) 1,1-Dichloroethene	3.081	96	330737	51.27	ug/l	89
13) Acrolein	2.992	56	96389	181.86	ug/l	99
14) Allyl chloride	3.543	41	678501	50.64	ug/l	98
15) Acrylonitrile	4.095	53	830908	233.49	ug/l	97
16) Acetone	3.169	43	584135	268.53	ug/l	96
17) Carbon Disulfide	3.327	76	938071	43.24	ug/l	99
18) Methyl Acetate	3.563	43	276774	59.20	ug/l	99
19) Methyl tert-butyl Ether	4.134	73	1347164	47.49	ug/l	96
20) Methylene Chloride	3.730	84	775736	44.86	ug/l	98
21) trans-1,2-Dichloroethene	4.104	96	744097	44.66	ug/l	98
22) Diisopropyl ether	4.862	45	2925221	48.88	ug/l	95
23) Vinyl Acetate	4.813	43	7759496	230.69	ug/l	99
24) 1,1-Dichloroethane	4.764	63	1320781	48.68	ug/l	99
25) 2-Butanone	5.630	43	1371058	252.29	ug/l	97
26) 2,2-Dichloropropane	5.600	77	1055594	51.32	ug/l	98
27) cis-1,2-Dichloroethene	5.600	96	838897	47.52	ug/l	93
28) Bromochloromethane	5.935	49	658582	49.95	ug/l	94
29) Tetrahydrofuran	5.964	42	733832	232.48	ug/l	99
30) Chloroform	6.112	83	1350943	49.22	ug/l	98
31) Cyclohexane	6.378	56	1120482	43.14	ug/l	99
32) 1,1,1-Trichloroethane	6.299	97	1103797	49.09	ug/l	99
36) 1,1-Dichloropropene	6.535	75	957018	45.70	ug/l	98
37) Ethyl Acetate	5.708	43	616197	44.33	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Carbon Tetrachloride	6.506	117	904386	47.58	ug/l	98
39) Methylcyclohexane	8.051	83	1088649	45.75	ug/l	98
40) Benzene	6.801	78	2550097	46.54	ug/l	99
41) Methacrylonitrile	5.954	41	741546	94.38	ug/l #	93
42) 1,2-Dichloroethane	6.899	62	741709	47.22	ug/l	98
43) Isopropyl Acetate	8.356	43	823363	45.02	ug/l #	99
44) Trichloroethene	7.755	130	787380	46.42	ug/l	94
45) 1,2-Dichloropropane	8.110	63	684929	47.74	ug/l	96
46) Dibromomethane	8.228	93	430168	46.31	ug/l	98
47) Bromodichloromethane	8.503	83	985232	49.78	ug/l	99
48) Methyl methacrylate	8.257	41	485364	46.59	ug/l	97
49) 1,4-Dioxane	8.238	88	94877	925.62	ug/l	96
51) 4-Methyl-2-Pentanone	9.350	43	2751764	238.55	ug/l	98
52) Toluene	9.556	92	1660949	47.07	ug/l	99
53) t-1,3-Dichloropropene	9.930	75	890554	49.73	ug/l	99
54) cis-1,3-Dichloropropene	9.113	75	1072147	48.48	ug/l	98
55) 1,1,2-Trichloroethane	10.196	97	543353	47.10	ug/l	98
56) Ethyl methacrylate	10.038	69	595464	46.76	ug/l	96
57) 1,3-Dichloropropane	10.393	76	823601	46.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.936	63	1701998	240.69	ug/l	98
59) 2-Hexanone	10.501	43	2023200	243.91	ug/l	99
60) Dibromochloromethane	10.649	129	693671	49.01	ug/l	98
61) 1,2-Dibromoethane	10.767	107	567143	46.27	ug/l	99
64) Tetrachloroethene	10.265	164	706441	45.30	ug/l	98
65) Chlorobenzene	11.318	112	1776845	46.13	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.426	131	623636	48.53	ug/l	99
67) Ethyl Benzene	11.436	91	2951373	47.29	ug/l	100
68) m/p-Xylenes	11.574	106	2196050	94.18	ug/l	100
69) o-Xylene	11.938	106	1076677	46.68	ug/l	93
70) Styrene	11.967	104	1837102	47.63	ug/l	99
71) Bromoform	12.125	173	505218	48.55	ug/l	97
73) Isopropylbenzene	12.282	105	3013247	46.62	ug/l	97
74) N-amyl acetate	12.144	43	1054064	44.52	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.567	83	650841	46.12	ug/l	98
76) 1,2,3-Trichloropropane	12.607	75	653836	46.34	ug/l	97
77) Bromobenzene	12.548	156	854243	45.48	ug/l	92
78) n-propylbenzene	12.646	91	3773245	47.01	ug/l	97
79) 2-Chlorotoluene	12.715	91	2086735	46.84	ug/l	97
80) 1,3,5-Trimethylbenzene	12.804	105	2346728	46.91	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.351	75	180292	45.47	ug/l	97
82) 4-Chlorotoluene	12.813	91	2353640	46.71	ug/l	95
83) tert-Butylbenzene	13.050	119	2684976	46.77	ug/l	97
84) 1,2,4-Trimethylbenzene	13.099	105	2409708	45.70	ug/l	97
85) sec-Butylbenzene	13.227	105	3241412	47.75	ug/l	98
86) p-Isopropyltoluene	13.345	119	2565268	46.08	ug/l	97
87) 1,3-Dichlorobenzene	13.315	146	1489465	45.51	ug/l	97
88) 1,4-Dichlorobenzene	13.394	146	1511429	45.98	ug/l	97
89) n-Butylbenzene	13.650	91	2646753	48.72	ug/l	99
90) Hexachloroethane	13.866	117	640093	49.68	ug/l	75
91) 1,2-Dichlorobenzene	13.670	146	1302479	47.33	ug/l	96

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QLast Update : Tue Oct 02 06:56:35 2018
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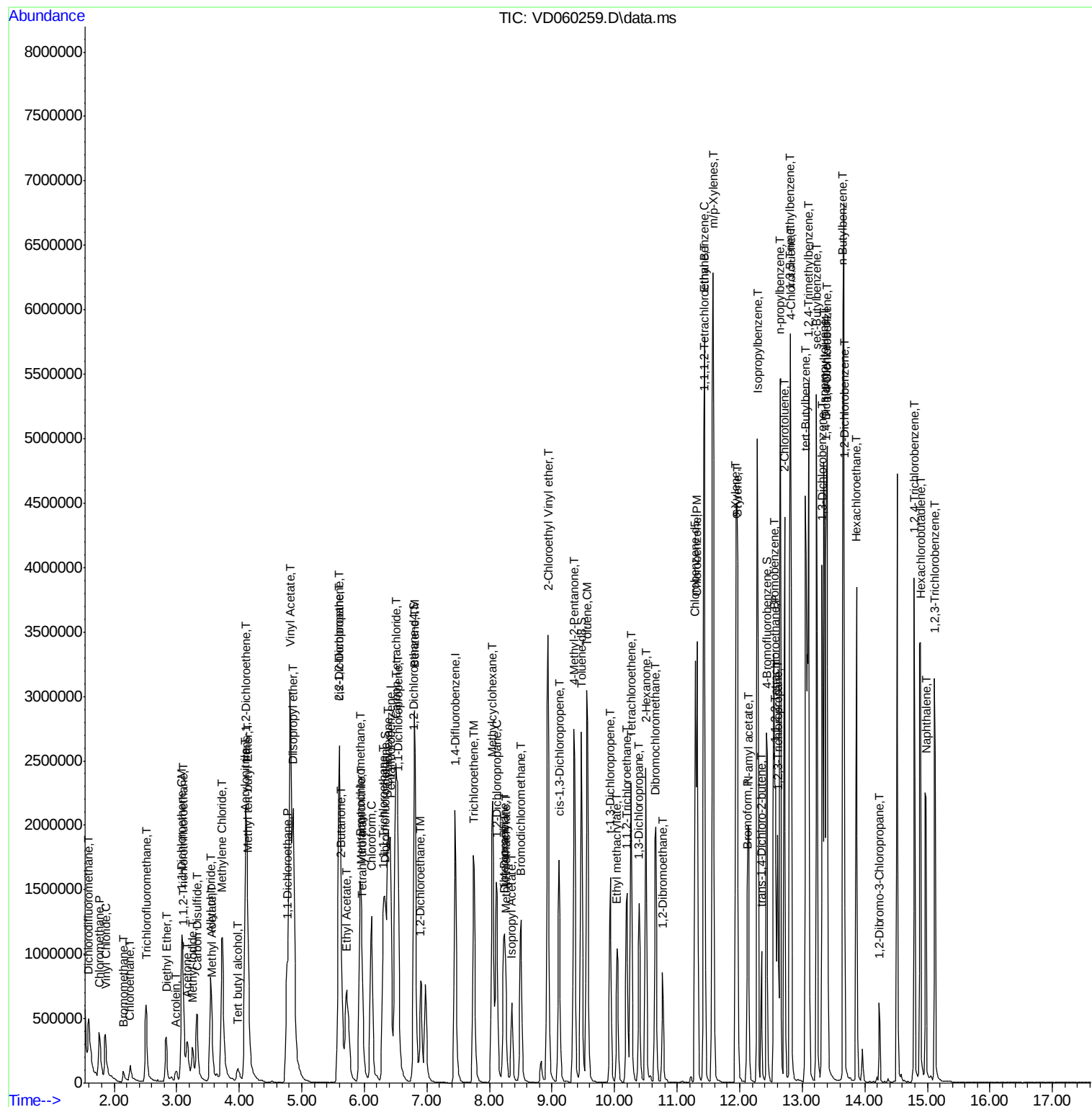
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.231	75	85402	45.33	ug/l	82
93) 1,2,4-Trichlorobenzene	14.792	180	1071273	45.87	ug/l	99
94) Hexachlorobutadiene	14.890	225	725362	46.72	ug/l	99
95) Naphthalene	14.978	128	1560868	45.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.116	180	907863	44.68	ug/l	99

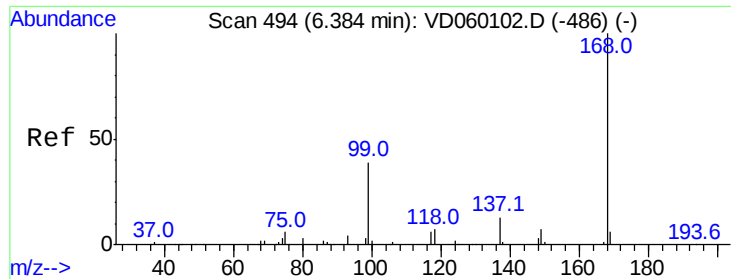
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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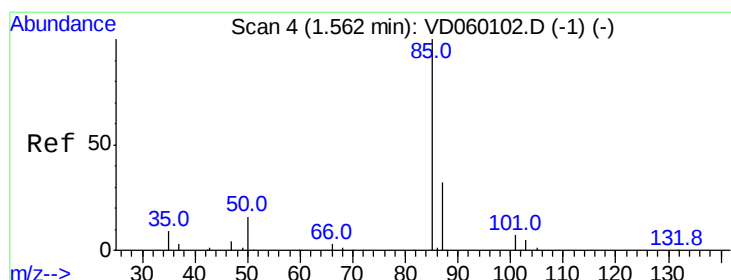
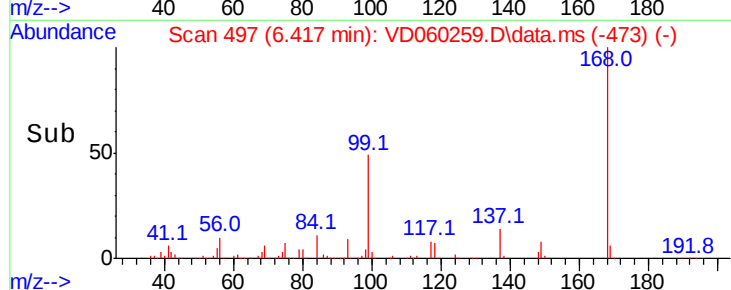
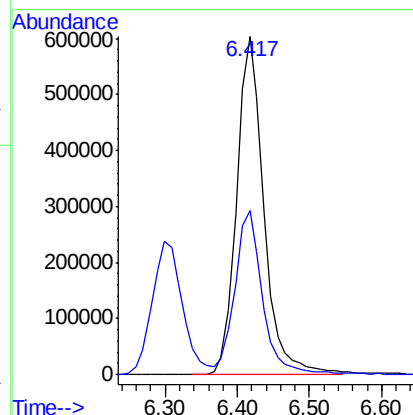
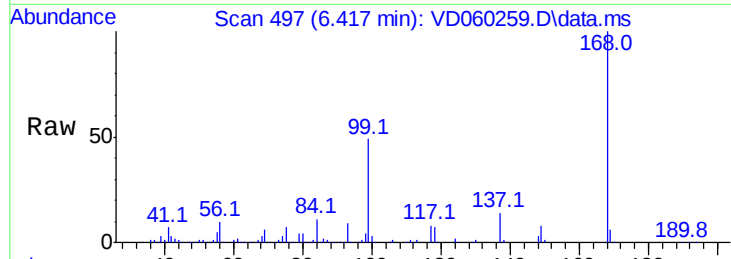




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.417 min Scan# 49
Delta R.T. 0.033 min
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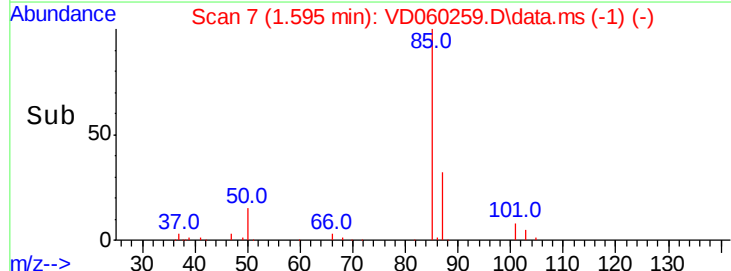
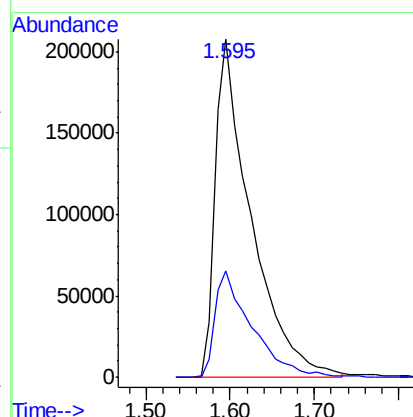
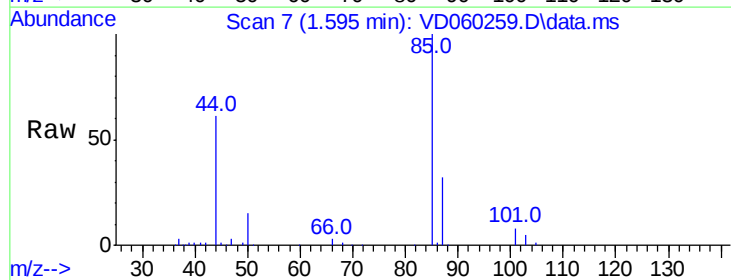
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

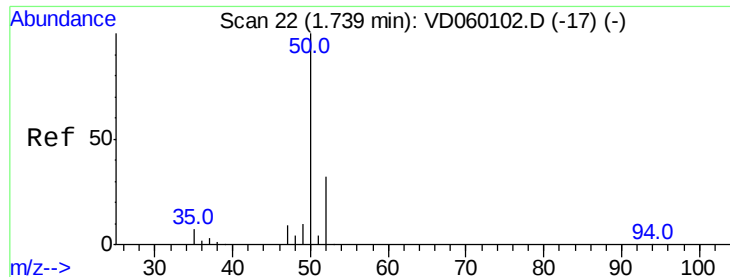
Tot Ion:168 Resp: 1581513
Ion Ratio Lower Upper
168 100
99 48.5 35.4 53.0



#2
Dichlorodifluoromethane
Concen: 41.10 ug/l
RT: 1.595 min Scan# 7
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 85 Resp: 611449
Ion Ratio Lower Upper
85 100
87 31.5 15.9 47.6

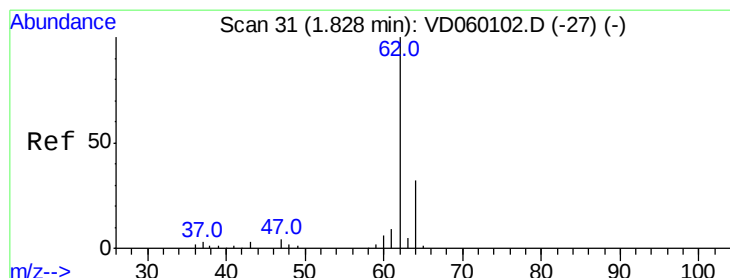
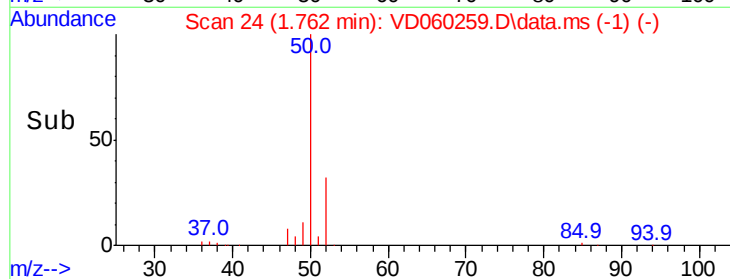
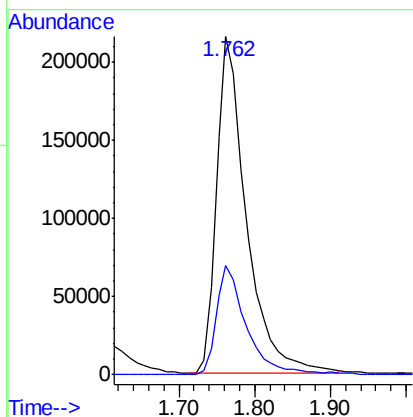
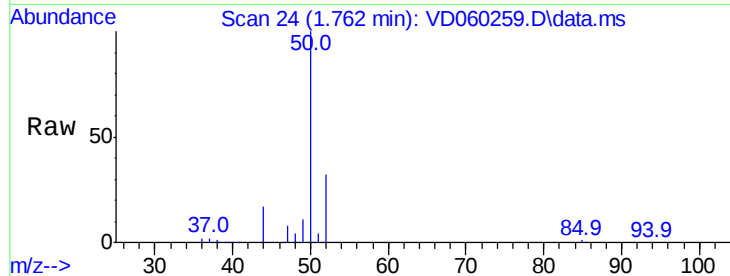




#3
Chloromethane
Concen: 44.01 ug/l
RT: 1.762 min Scan# 24
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

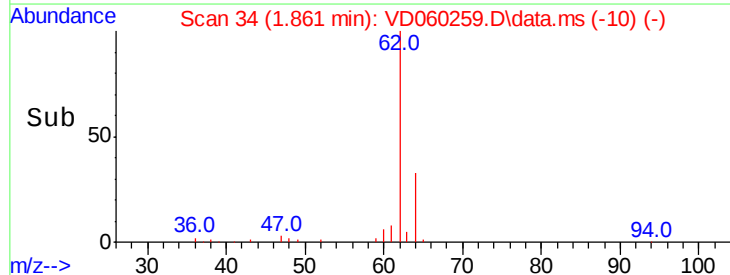
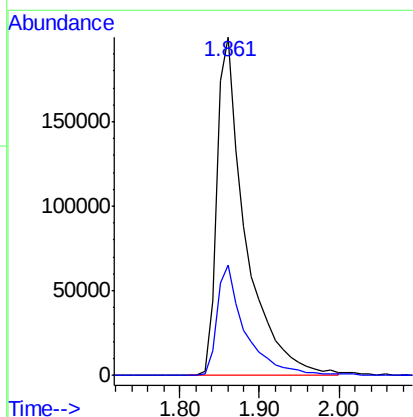
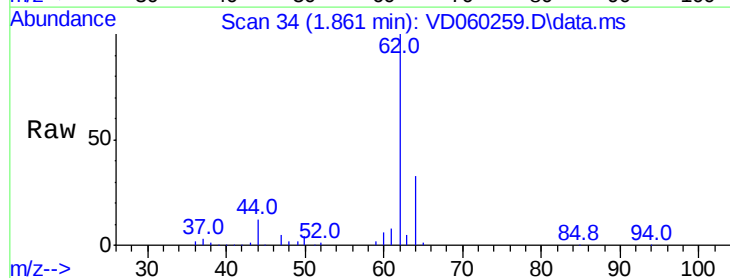
Instrument :
MSVOA_D
ClientSampleId :
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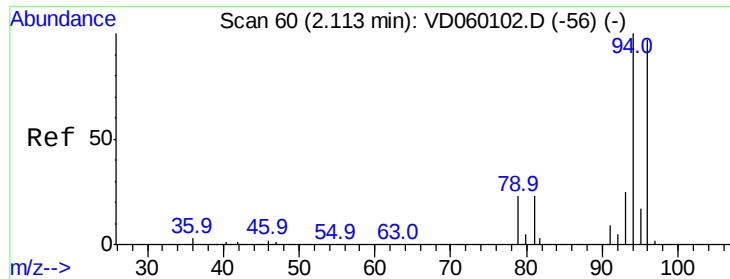
Tot Ion: 50 Resp: 590354
Ion Ratio Lower Upper
50 100
52 32.1 25.3 37.9



#4
Vinyl Chloride
Concen: 45.66 ug/l
RT: 1.861 min Scan# 34
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 62 Resp: 501229
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8





#5

Bromomethane

Concen: 54.10 ug/l

RT: 2.146 min Scan# 63

Delta R.T. 0.033 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

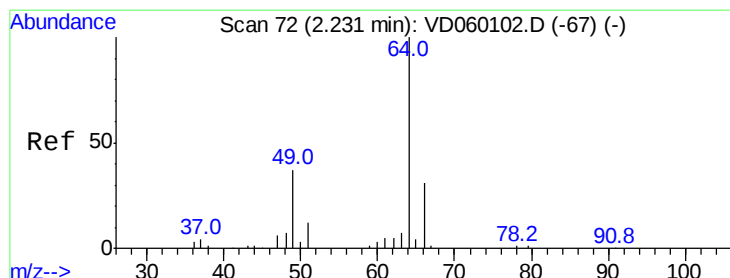
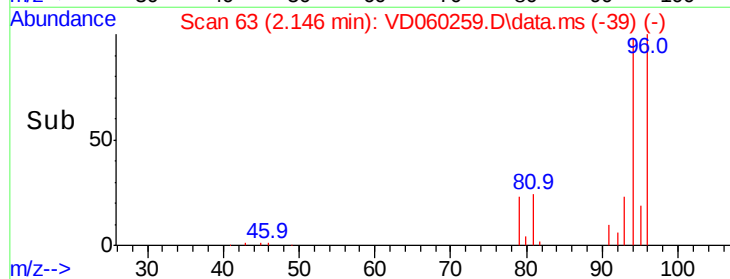
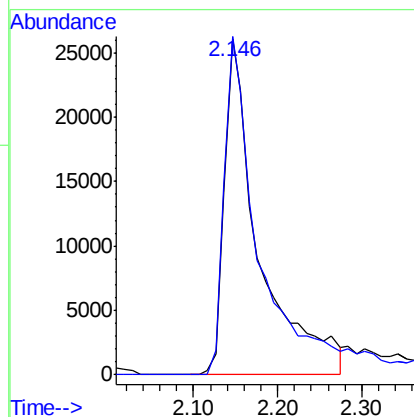
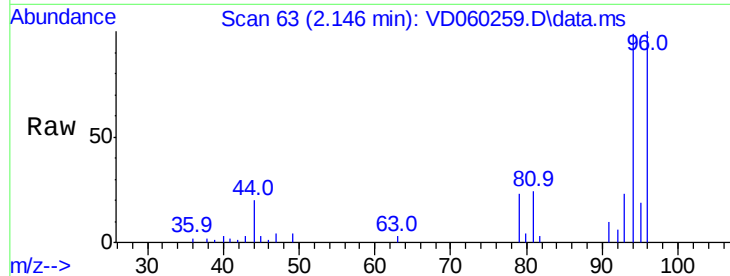
VSTDCCC050

Tot Ion: 94 Resp: 74573

Ion Ratio Lower Upper

94 100

96 100.7 77.4 116.2



#6

Chloroethane

Concen: 47.86 ug/l

RT: 2.254 min Scan# 74

Delta R.T. 0.023 min

Lab File: VD060259.D

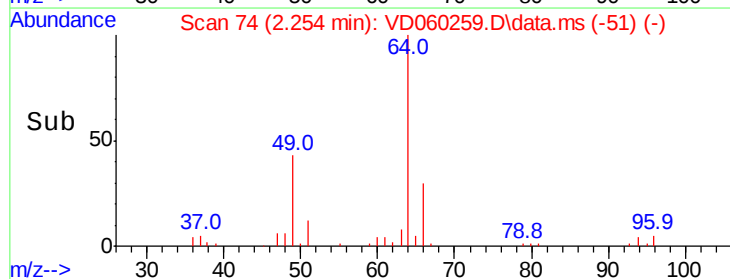
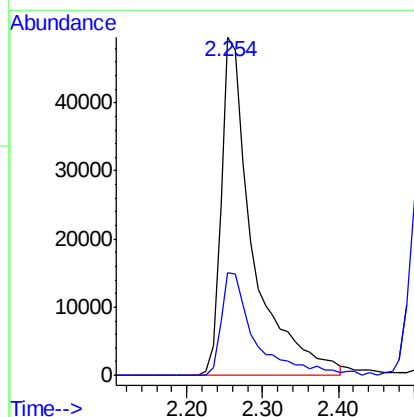
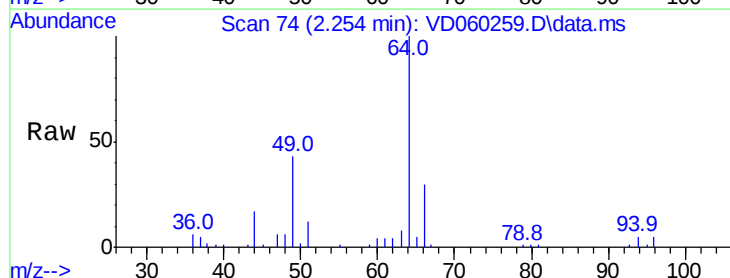
Acq: 1 Nov 2018 13:21

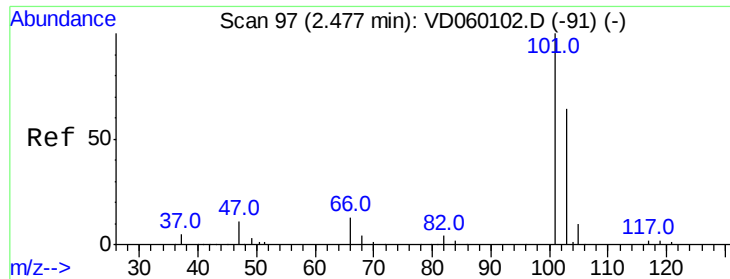
Tgt Ion: 64 Resp: 143387

Ion Ratio Lower Upper

64 100

66 30.5 24.6 37.0





#7

Trichlorofluoromethane

Concen: 46.52 ug/l

RT: 2.510 min Scan# 10

Delta R.T. 0.033 min

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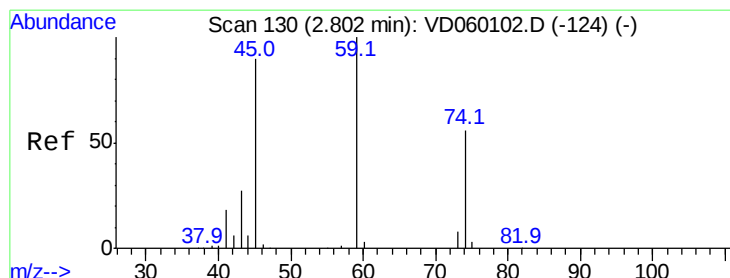
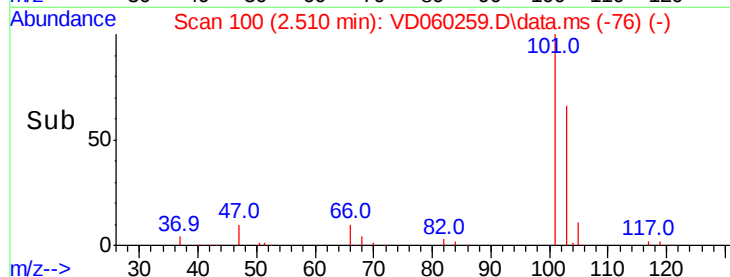
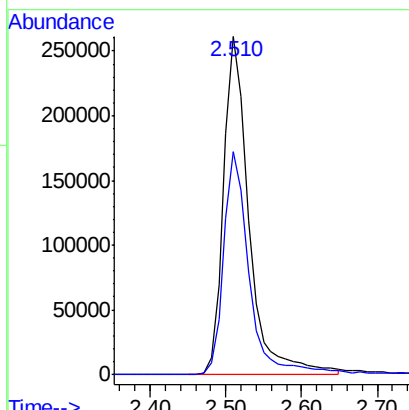
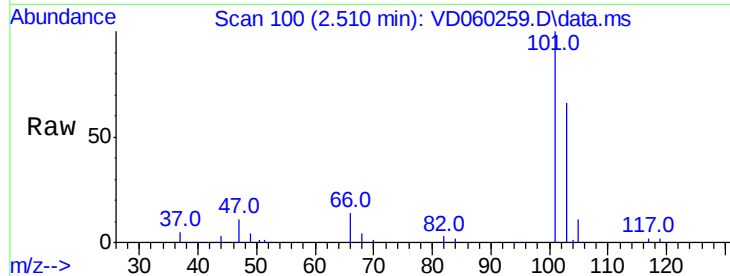
VSTDCCC050

Tot Ion:101 Resp: 611510

Ion Ratio Lower Upper

101 100

103 66.0 51.5 77.3



#8

Diethyl Ether

Concen: 53.39 ug/l

RT: 2.835 min Scan# 133

Delta R.T. 0.033 min

Lab File: VD060259.D

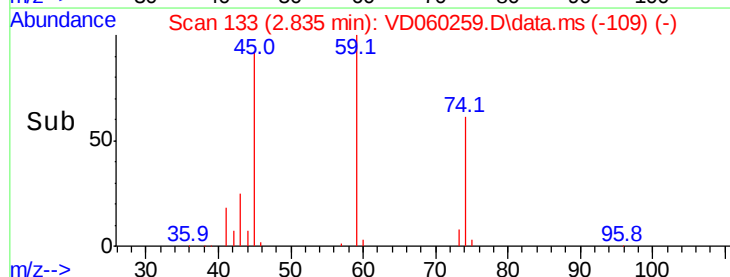
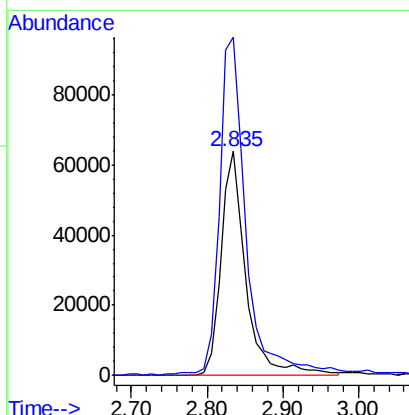
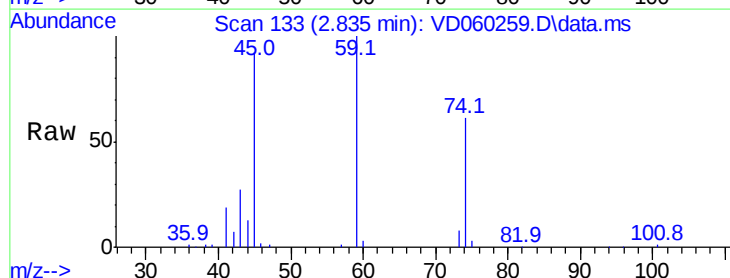
Acq: 1 Nov 2018 13:21

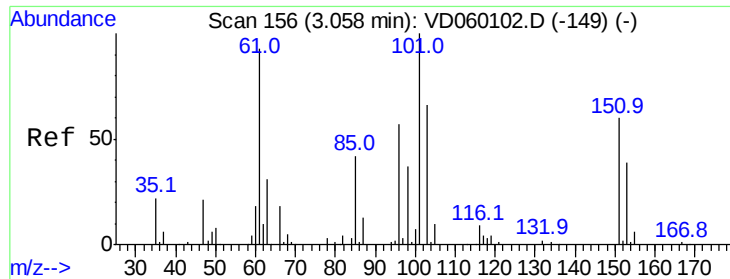
Tgt Ion: 74 Resp: 144317

Ion Ratio Lower Upper

74 100

45 151.1 80.3 241.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.00 ug/l

RT: 3.101 min Scan# 16

Delta R.T. 0.042 min

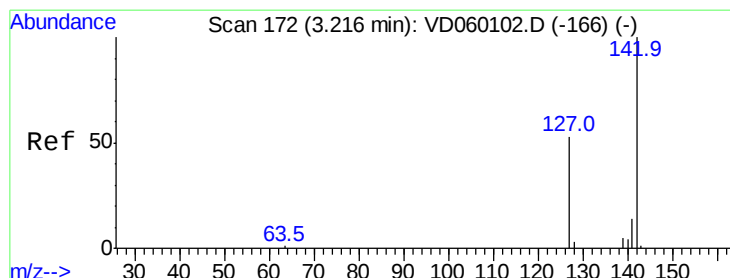
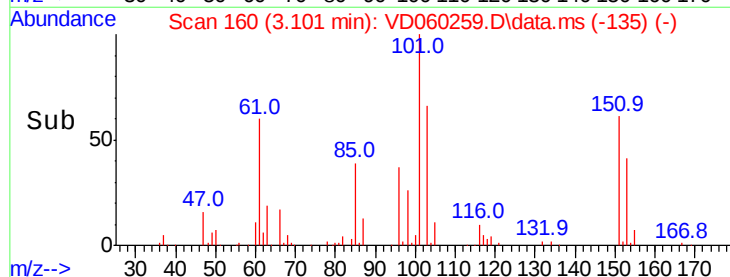
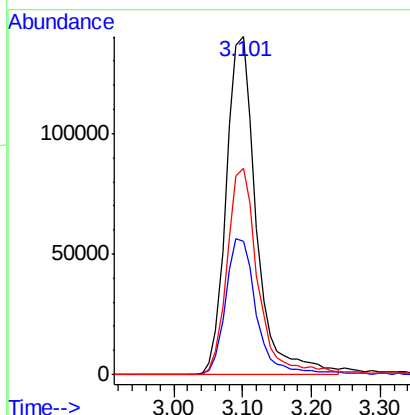
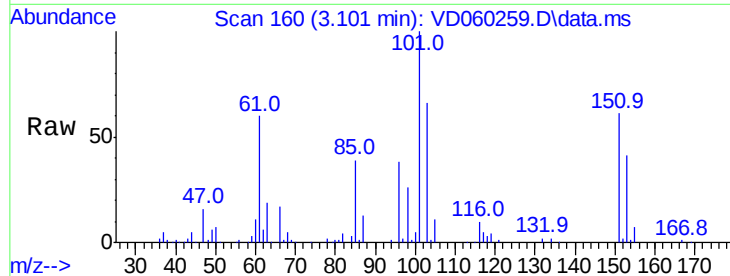
Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

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MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 425838

Ion	Ratio	Lower	Upper
101	100		
85	39.4	33.4	50.0
151	61.0	48.0	72.0



#10

Methyl Iodide

Concen: 48.11 ug/l

RT: 3.248 min Scan# 175

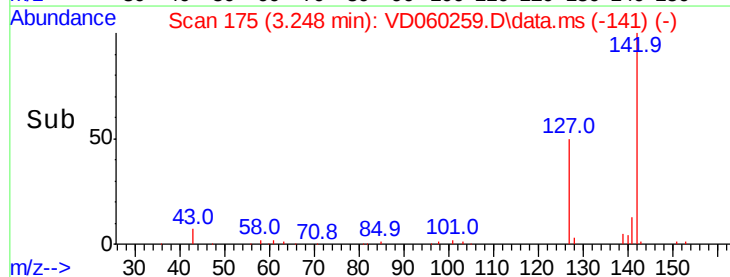
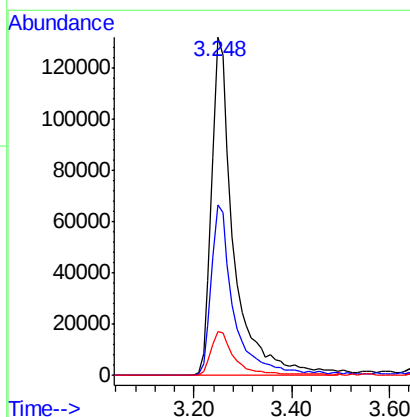
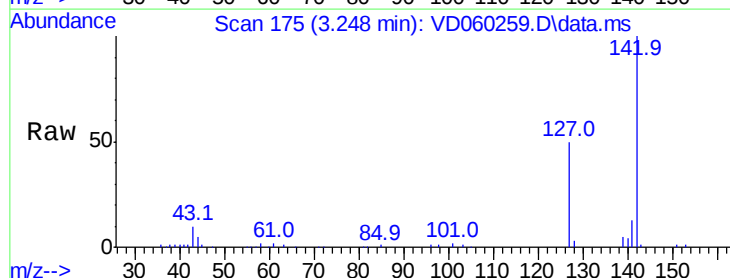
Delta R.T. 0.033 min

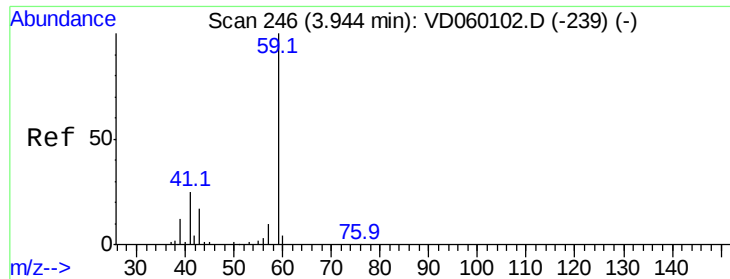
Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Tgt Ion:142 Resp: 417831

Ion	Ratio	Lower	Upper
142	100		
127	50.4	42.0	63.0
141	12.9	11.4	17.0

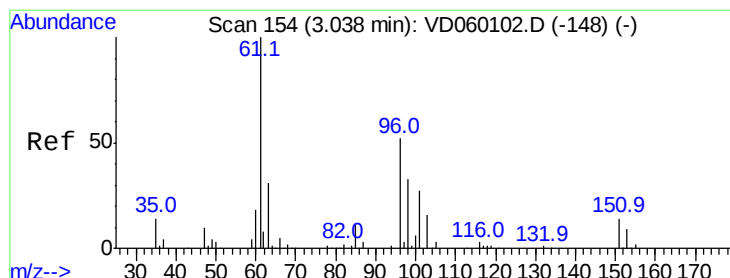
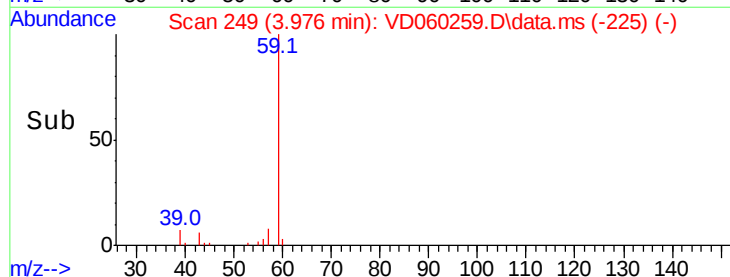
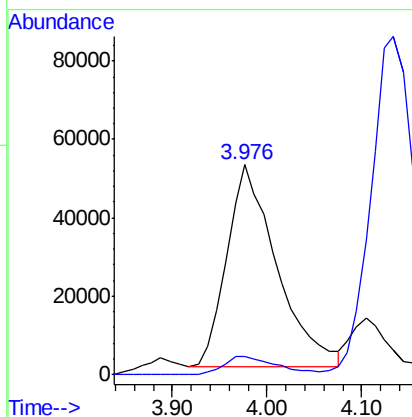
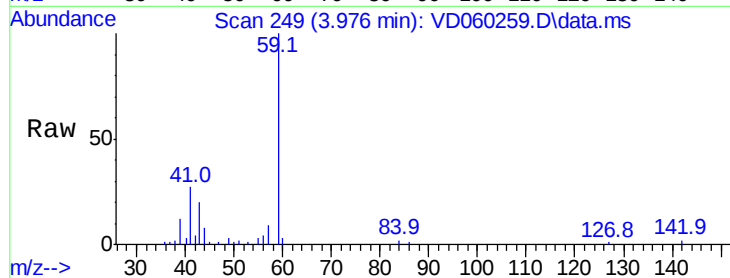




#11
Tert butyl alcohol
Concen: 218.94 ug/l
RT: 3.976 min Scan# 24
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

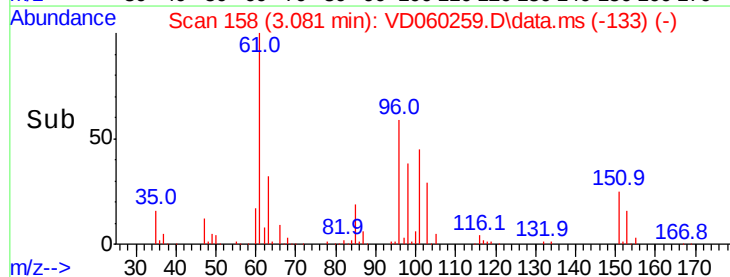
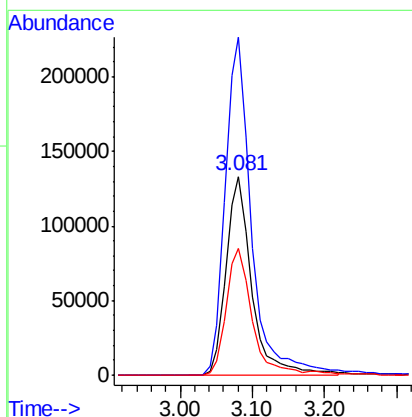
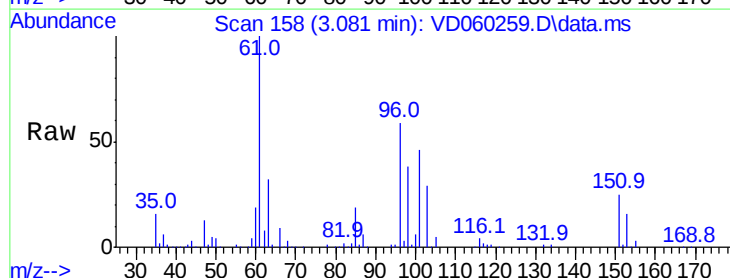
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

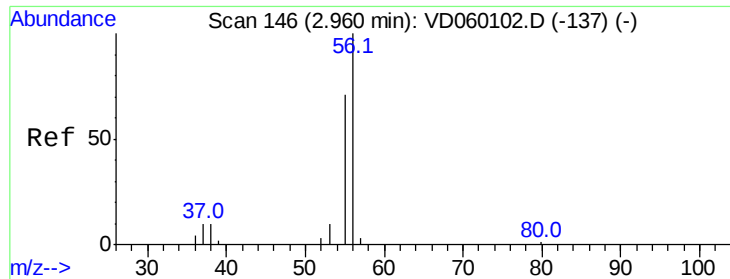
Tot Ion: 59 Resp: 188238
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 51.27 ug/l
RT: 3.081 min Scan# 158
Delta R.T. 0.042 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 96 Resp: 330737
Ion Ratio Lower Upper
96 100
61 170.2 153.0 229.4
98 64.1 51.1 76.7





#13

Acrolein

Concen: 181.86 ug/l

RT: 2.992 min Scan# 14

Delta R.T. 0.033 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

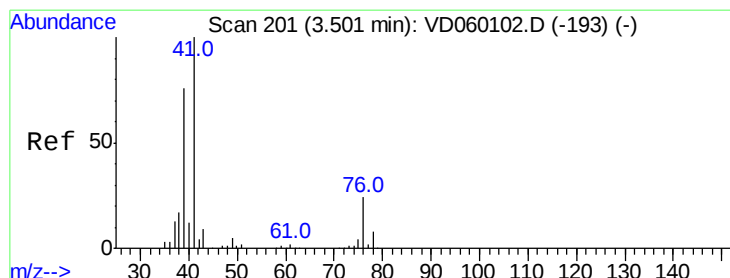
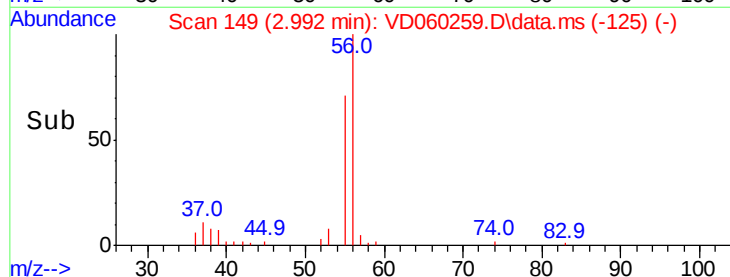
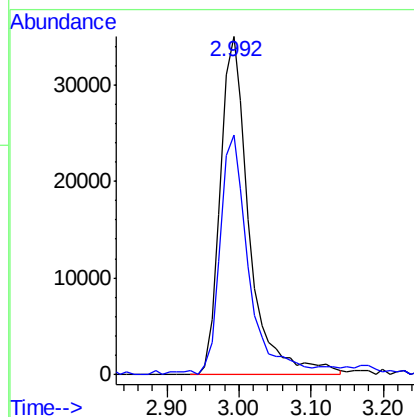
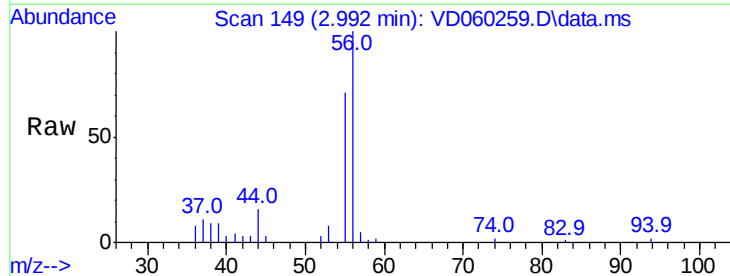
VSTDCCC050

Tot Ion: 56 Resp: 96389

Ion Ratio Lower Upper

56 100

55 70.7 57.4 86.2



#14

Allyl chloride

Concen: 50.64 ug/l

RT: 3.543 min Scan# 205

Delta R.T. 0.042 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

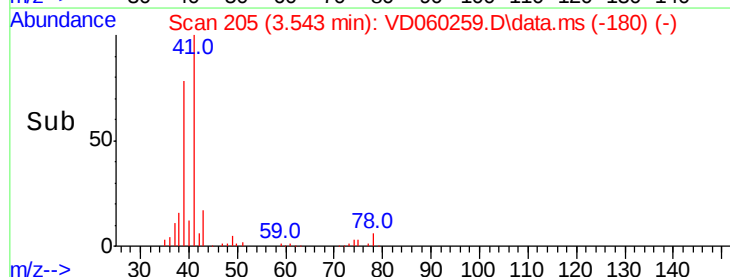
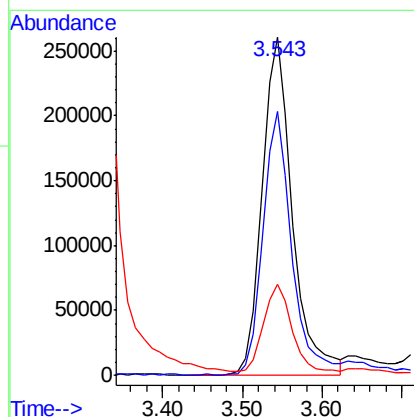
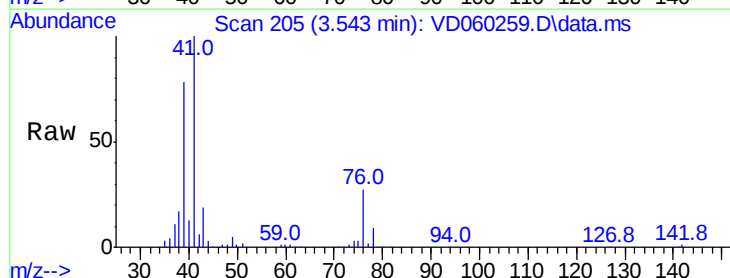
Tgt Ion: 41 Resp: 678501

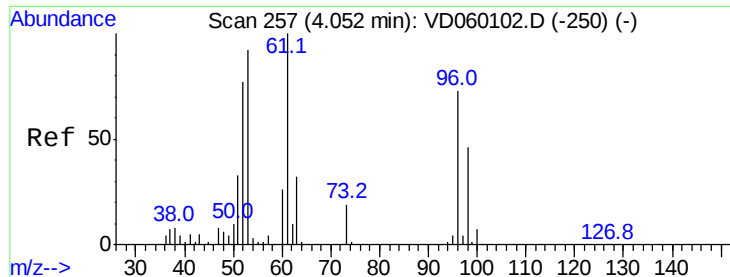
Ion Ratio Lower Upper

41 100

39 77.9 60.6 90.8

76 26.7 21.3 31.9





#15

Acrylonitrile

Concen: 233.49 ug/l

RT: 4.095 min Scan# 261

Delta R.T. 0.042 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

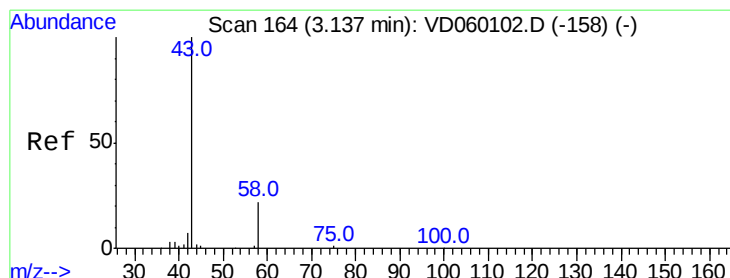
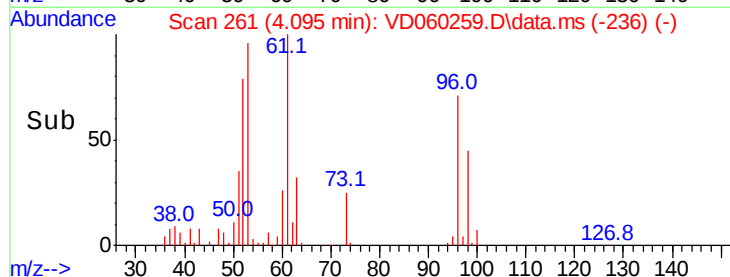
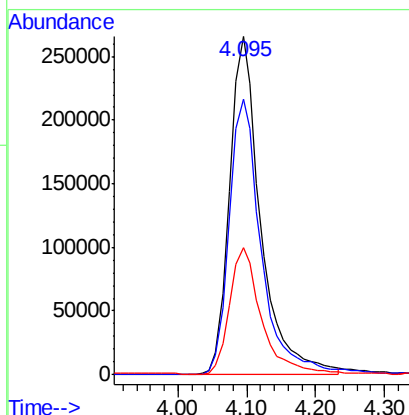
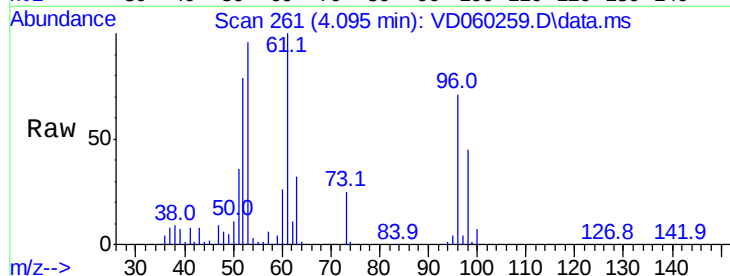
Tot Ion: 53 Resp: 830908

Ion Ratio Lower Upper

53 100

52 81.5 67.5 101.3

51 37.7 29.3 43.9



#16

Acetone

Concen: 268.53 ug/l

RT: 3.169 min Scan# 167

Delta R.T. 0.033 min

Lab File: VD060259.D

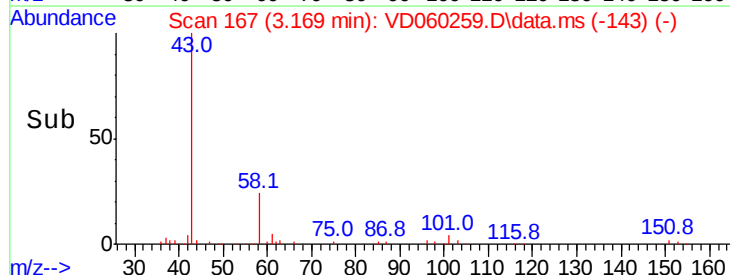
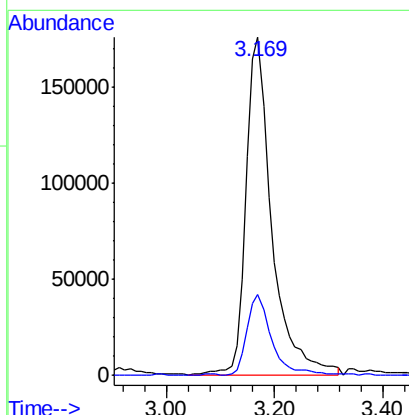
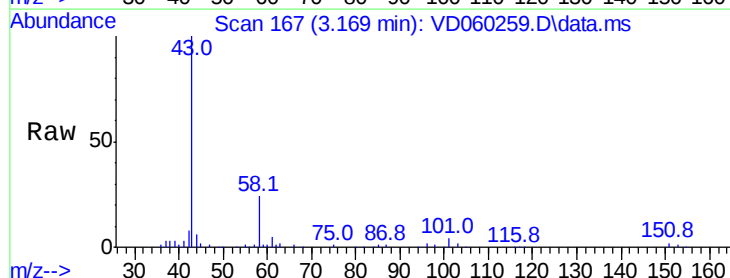
Acq: 1 Nov 2018 13:21

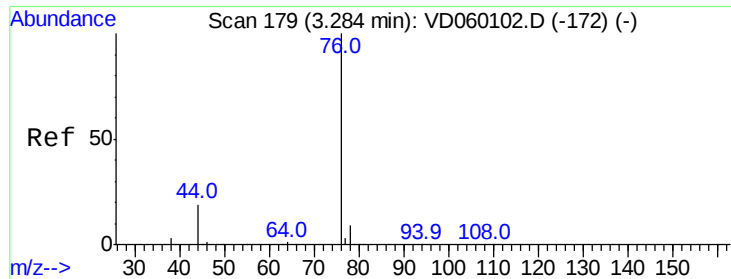
Tgt Ion: 43 Resp: 584135

Ion Ratio Lower Upper

43 100

58 24.1 17.7 26.5

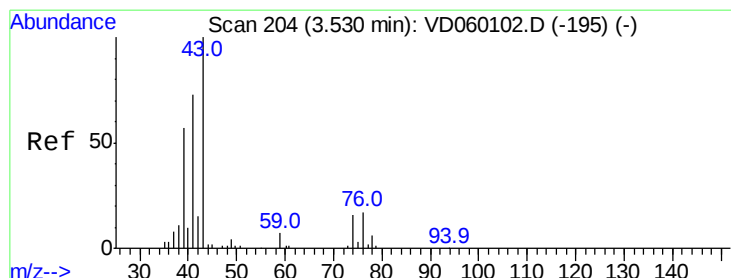
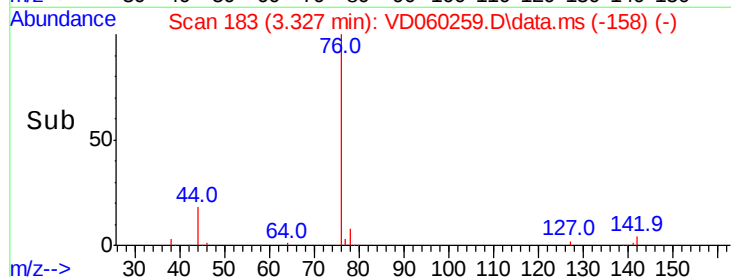
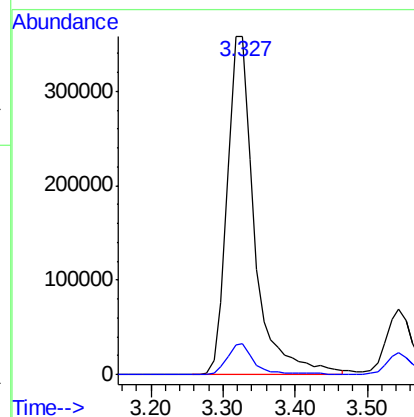
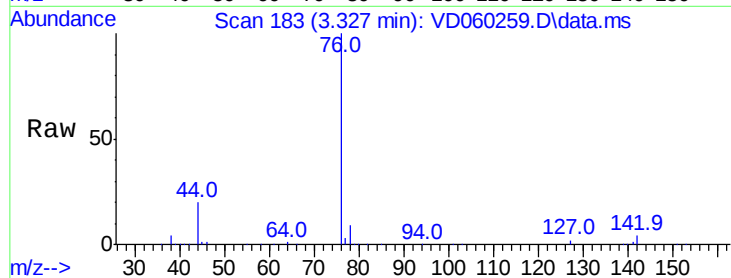




#17
Carbon Disulfide
Concen: 43.24 ug/l
RT: 3.327 min Scan# 18
Delta R.T. 0.043 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

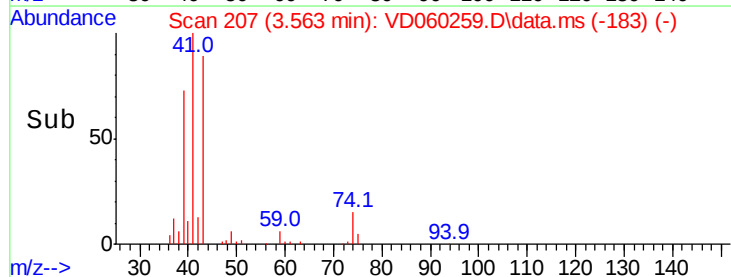
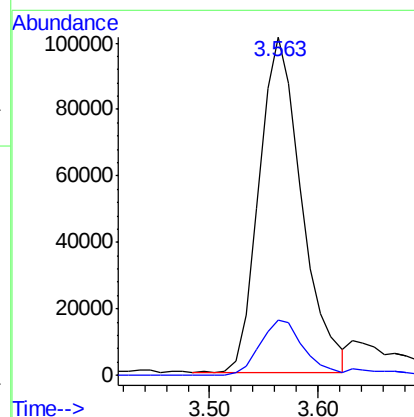
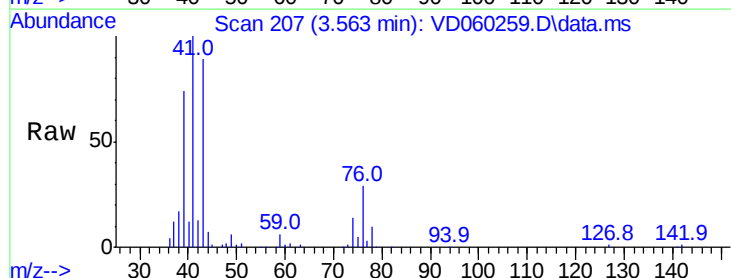
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

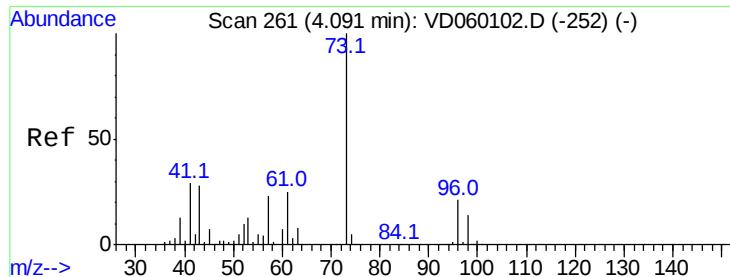
Tot Ion: 76 Resp: 938071
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 59.20 ug/l
RT: 3.563 min Scan# 207
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 43 Resp: 276774
Ion Ratio Lower Upper
43 100
74 16.2 12.6 19.0

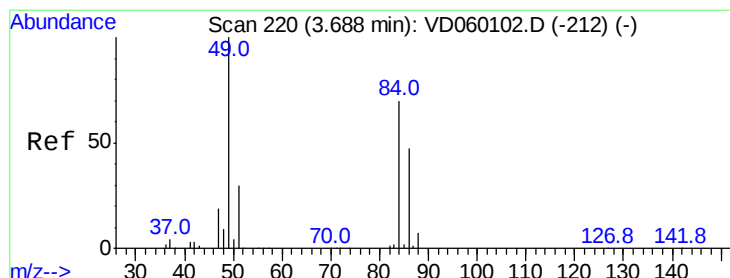
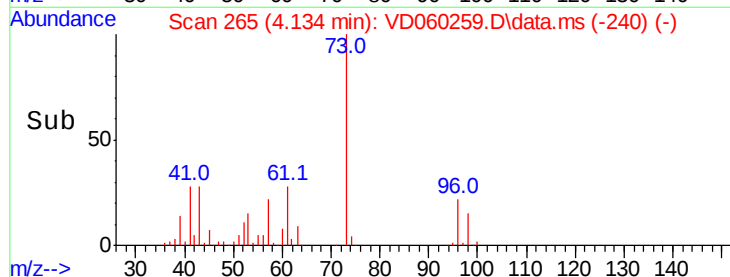
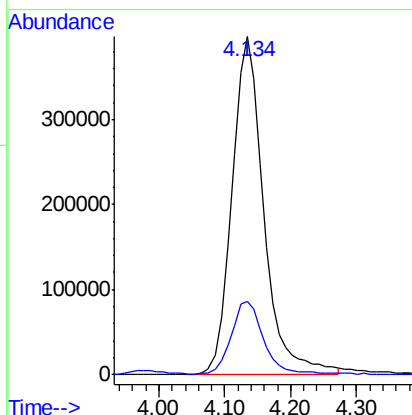
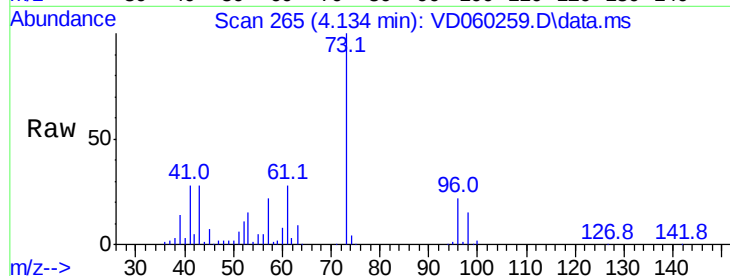




#19
Methvl tert-butvl Ether
Concen: 47.49 ug/l
RT: 4.134 min Scan# 261
Delta R.T. 0.042 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

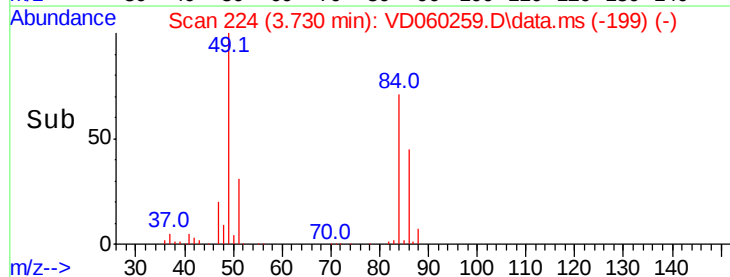
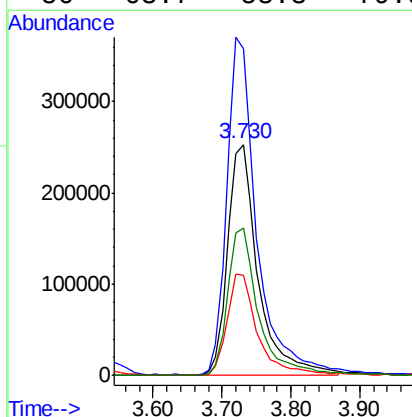
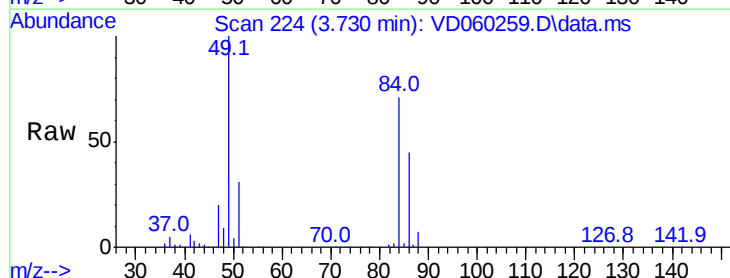
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

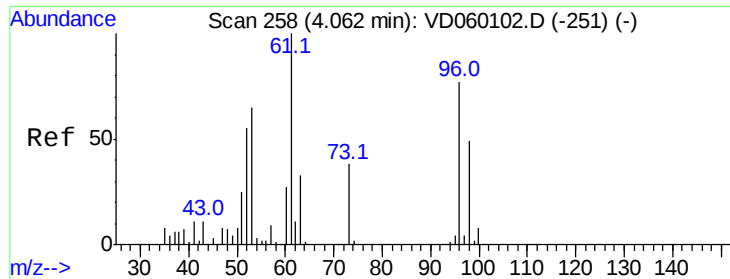
Tot Ion: 73 Resp: 1347164
Ion Ratio Lower Upper
73 100
57 21.7 18.7 28.1



#20
Methylene Chloride
Concen: 44.86 ug/l
RT: 3.730 min Scan# 224
Delta R.T. 0.043 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 84 Resp: 775736
Ion Ratio Lower Upper
84 100
49 141.5 114.6 172.0
51 43.5 33.8 50.8
86 63.7 53.3 79.9

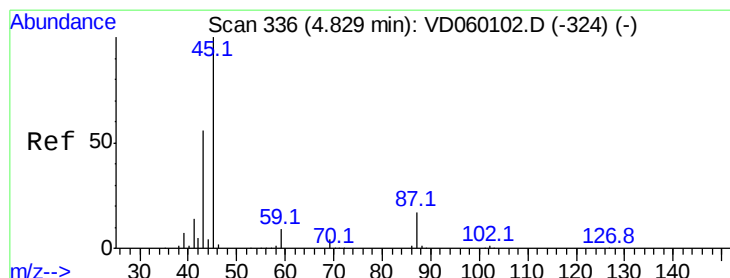
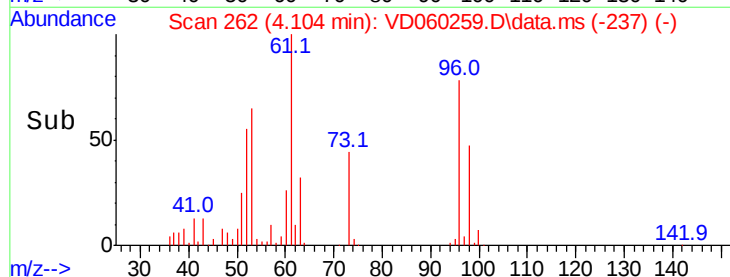
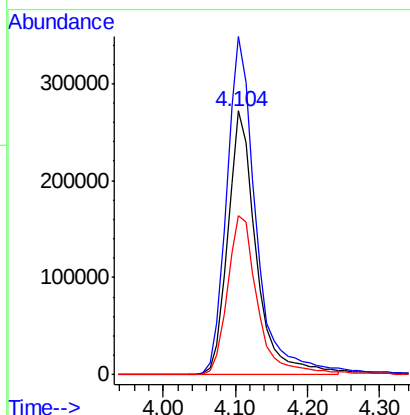
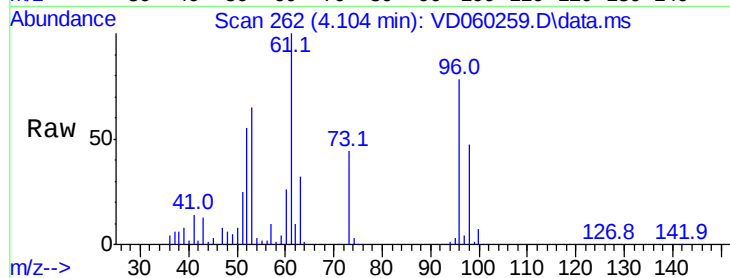




#21
trans-1,2-Dichloroethene
Concen: 44.66 ug/l
RT: 4.104 min Scan# 261
Delta R.T. 0.042 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

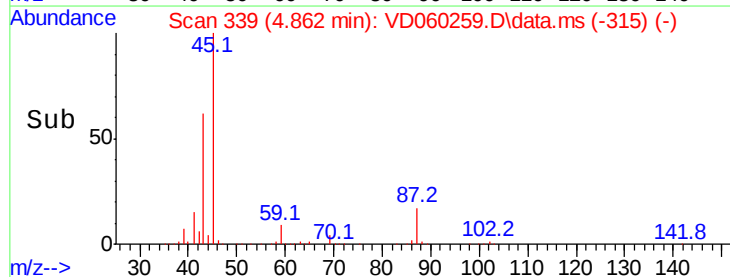
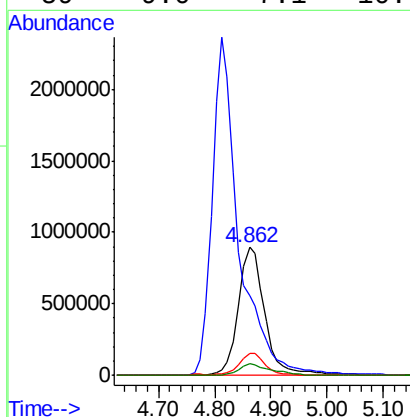
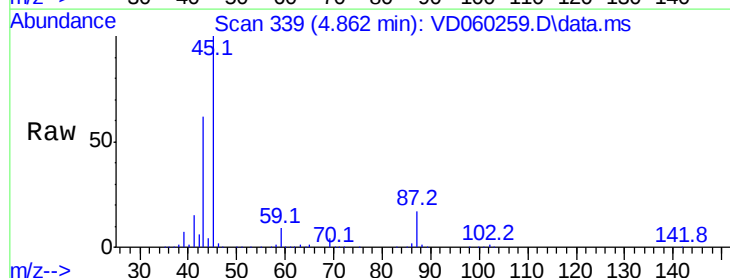
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

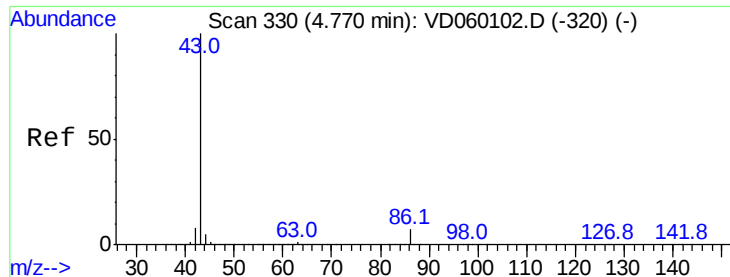
Tot Ion: 96 Resp: 744097
Ion Ratio Lower Upper
96 100
61 128.2 103.3 154.9
98 60.3 50.4 75.6



#22
Diisopropyl ether
Concen: 48.88 ug/l
RT: 4.862 min Scan# 339
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 45 Resp: 2925221
Ion Ratio Lower Upper
45 100
43 61.8 44.8 67.2
87 17.3 13.9 20.9
59 9.0 7.1 10.7





#23

Vinyl Acetate

Concen: 230.69 ug/l

RT: 4.813 min Scan# 33

Delta R.T. 0.042 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

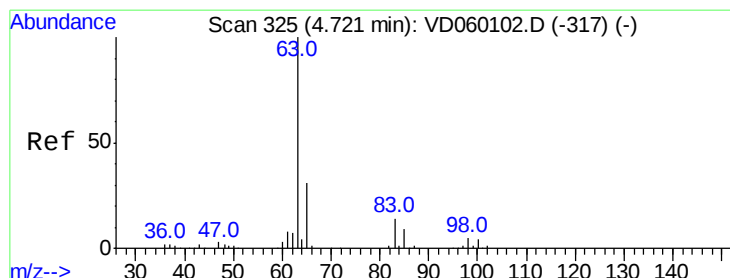
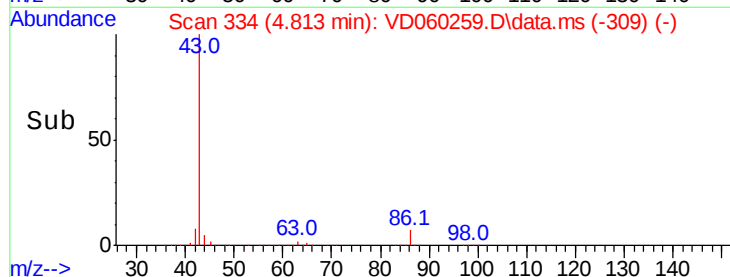
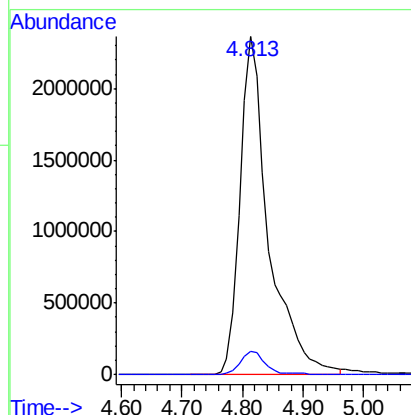
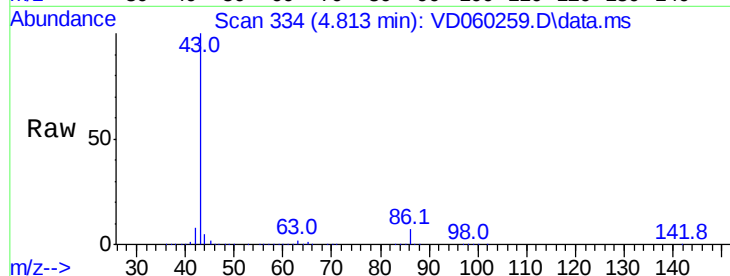
VSTDCCC050

Tot Ion: 43 Resp: 7759496

Ion Ratio Lower Upper

43 100

86 6.7 5.6 8.4



#24

1,1-Dichloroethane

Concen: 48.68 ug/l

RT: 4.764 min Scan# 329

Delta R.T. 0.043 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

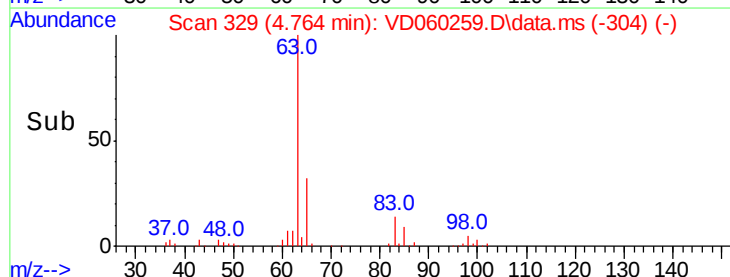
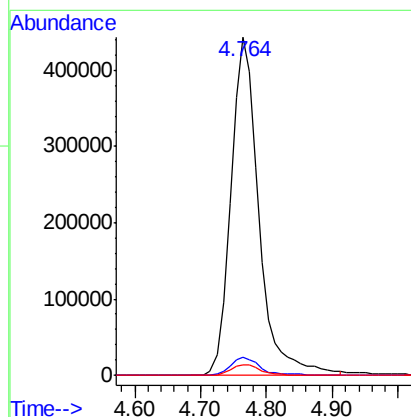
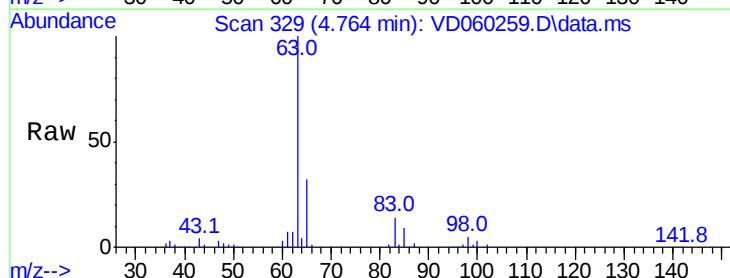
Tgt Ion: 63 Resp: 1320781

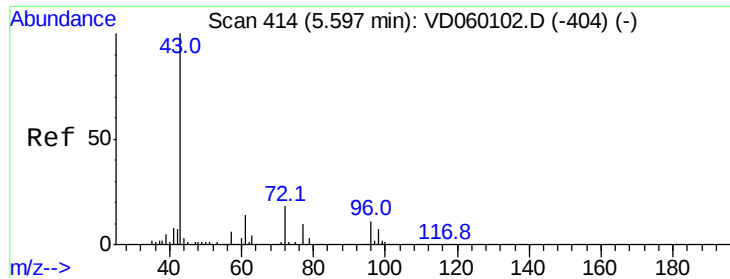
Ion Ratio Lower Upper

63 100

98 5.3 2.8 8.3

100 3.2 1.8 5.3

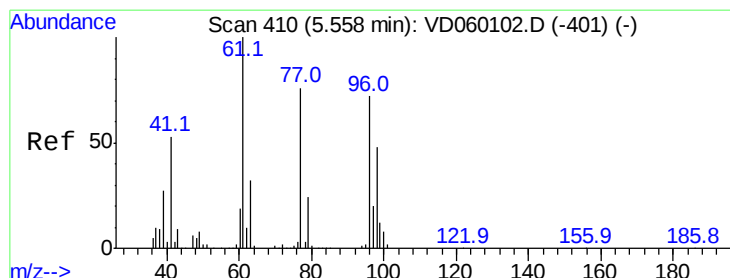
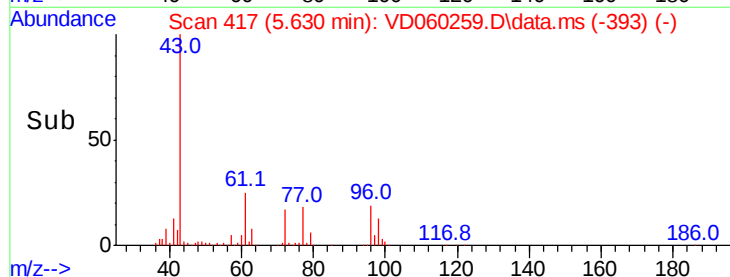
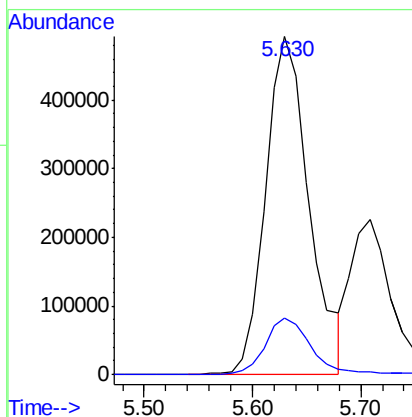
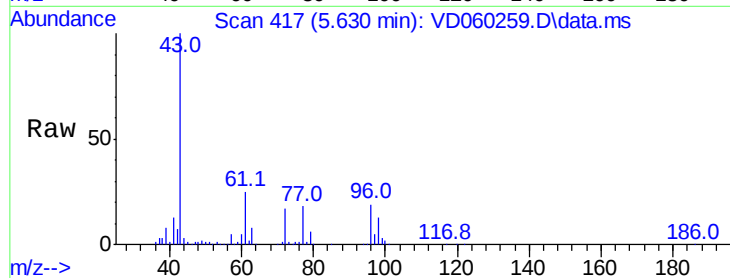




#25
2-Butanone
Concen: 252.29 ug/l
RT: 5.630 min Scan# 41
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

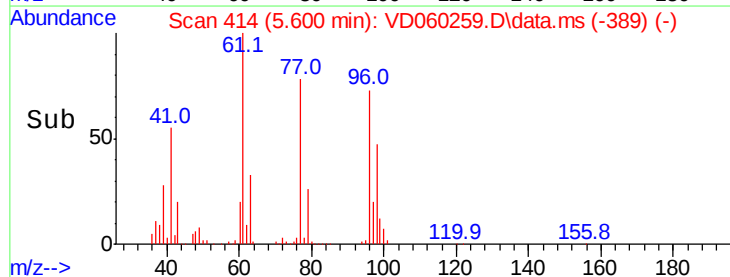
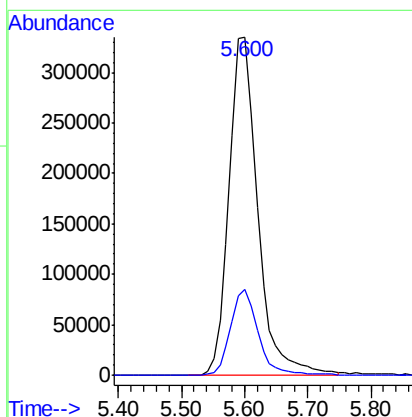
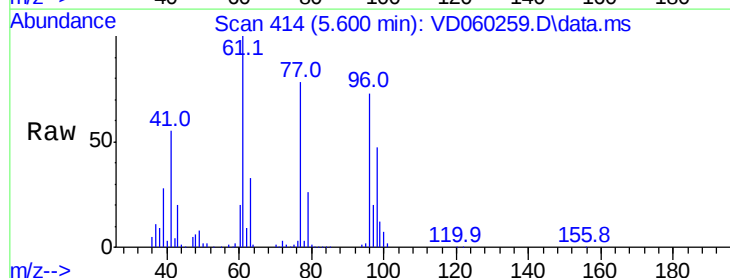
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

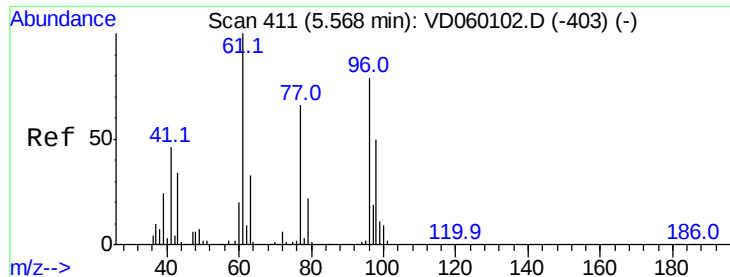
Tot Ion: 43 Resp: 1371058
Ion Ratio Lower Upper
43 100
72 16.6 14.5 21.7



#26
2,2-Dichloropropane
Concen: 51.32 ug/l
RT: 5.600 min Scan# 414
Delta R.T. 0.042 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 77 Resp: 1055594
Ion Ratio Lower Upper
77 100
97 25.6 13.3 39.9

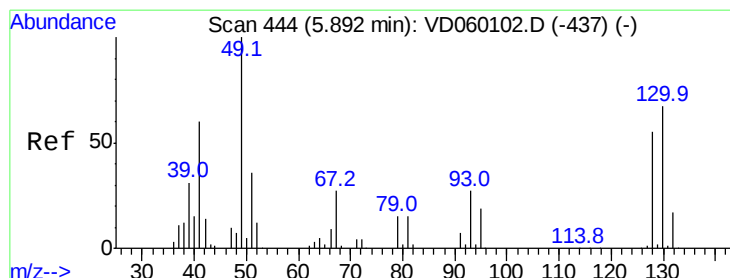
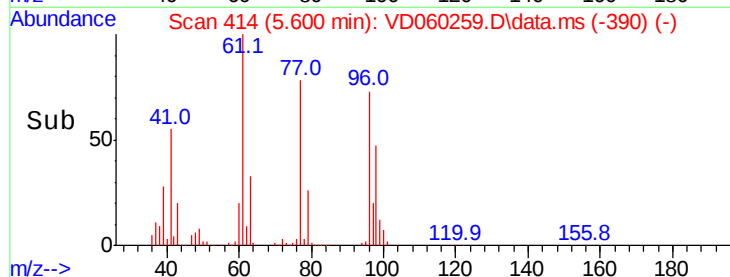
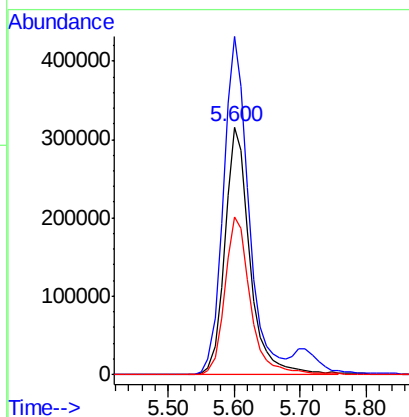
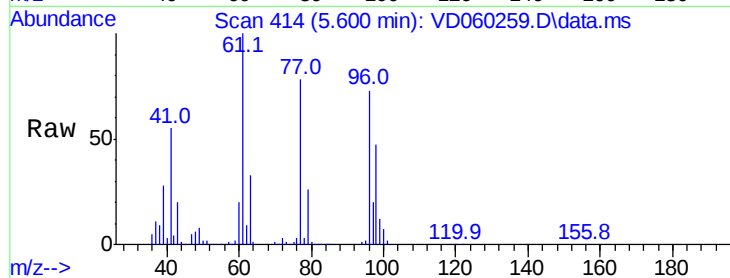




#27
 cis-1,2-Dichloroethene
 Concen: 47.52 ug/l
 RT: 5.600 min Scan# 41
 Delta R.T. 0.033 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

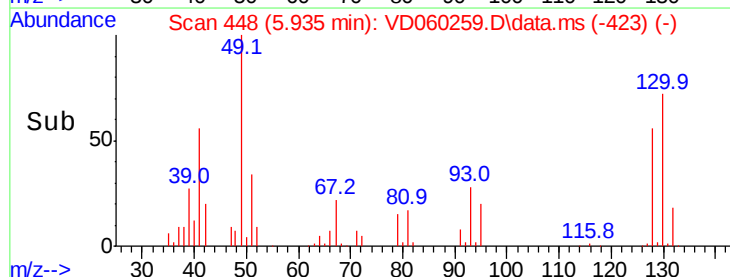
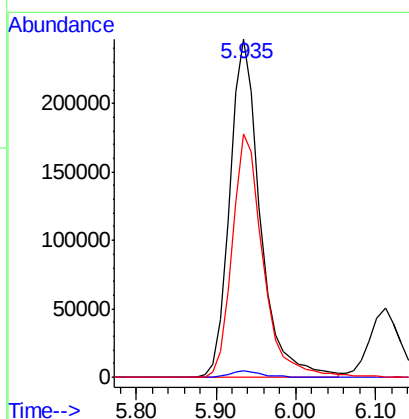
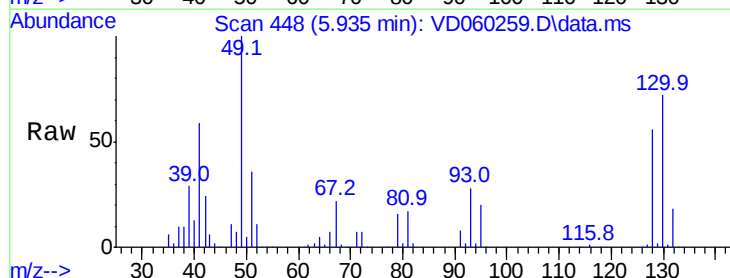
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

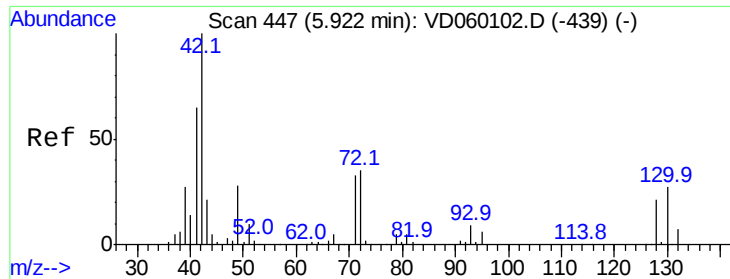
Tot Ion: 96 Resp: 838897
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 251.8
 98 63.7 0.0 125.2



#28
 Bromochloromethane
 Concen: 49.95 ug/l
 RT: 5.935 min Scan# 448
 Delta R.T. 0.043 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion: 49 Resp: 658582
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 72.1 53.9 80.9





#29

Tetrahydrofuran

Concen: 232.48 ug/l

RT: 5.964 min Scan# 451

Delta R.T. 0.043 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

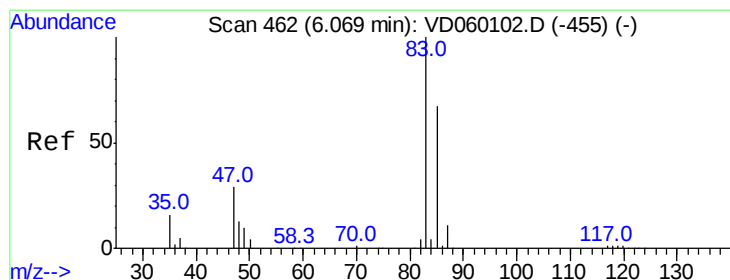
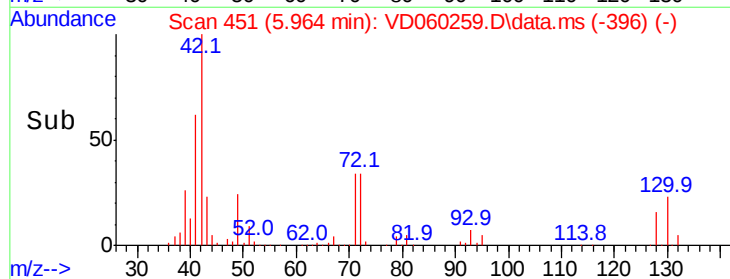
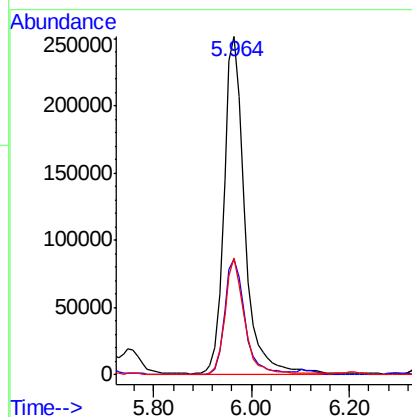
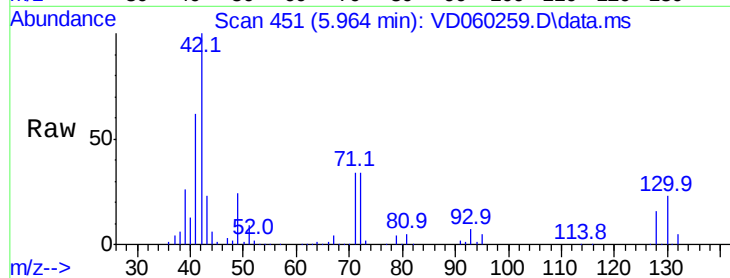
Tot Ion: 42 Resp: 733832

Ion Ratio Lower Upper

42 100

72 33.8 26.9 40.3

71 32.4 26.7 40.1



#30

Chloroform

Concen: 49.22 ug/l

RT: 6.112 min Scan# 466

Delta R.T. 0.043 min

Lab File: VD060259.D

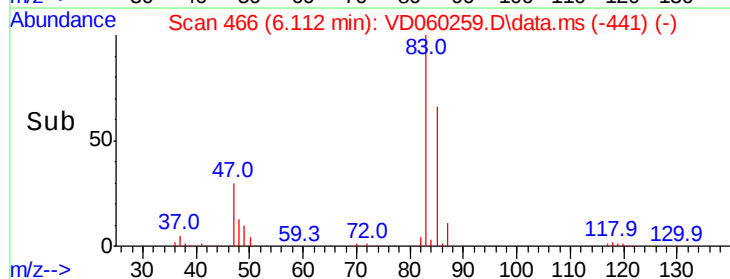
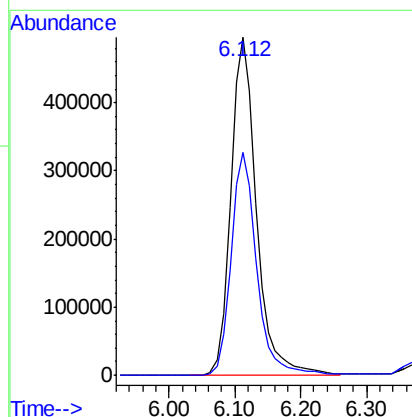
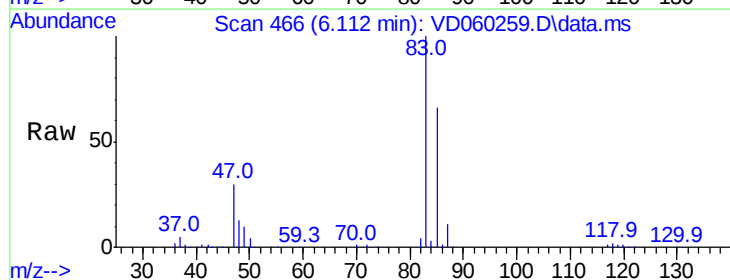
Acq: 1 Nov 2018 13:21

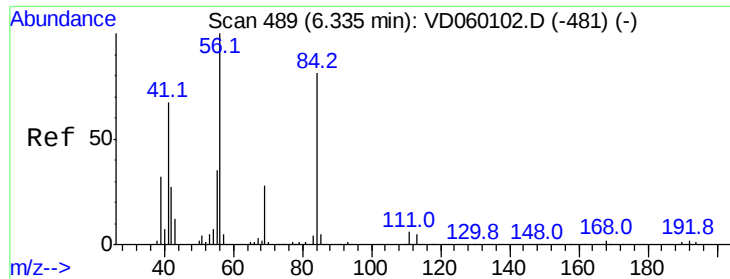
Tgt Ion: 83 Resp: 1350943

Ion Ratio Lower Upper

83 100

85 65.8 53.8 80.8

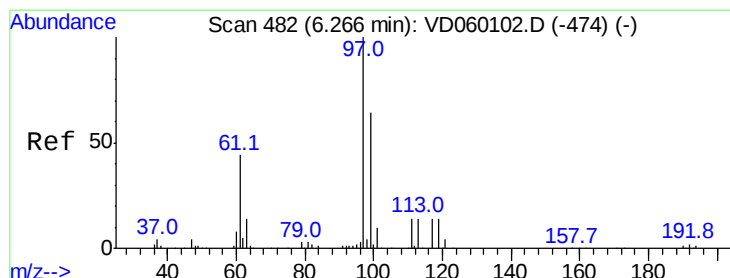
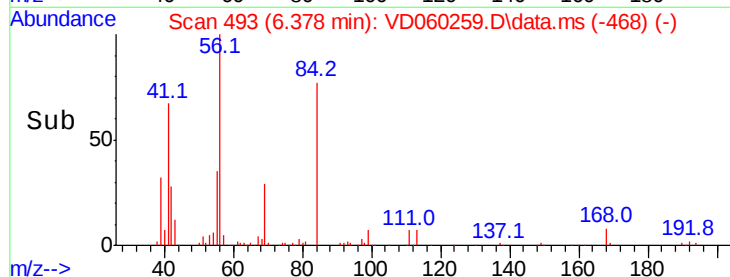
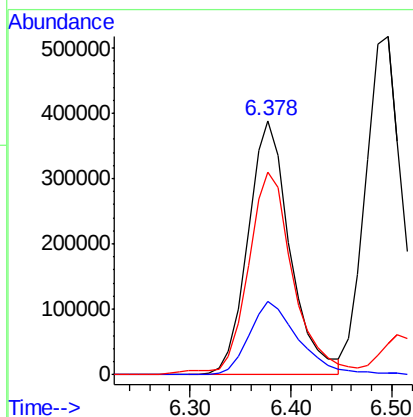
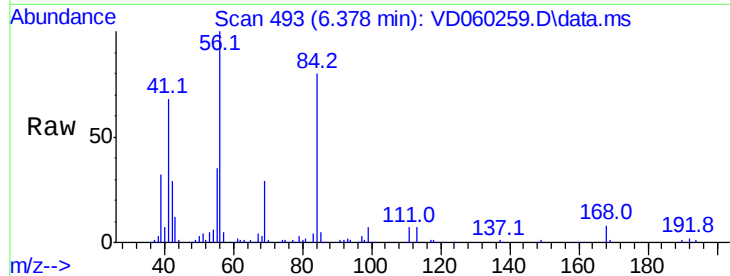




#31
Cvclohexane
Concen: 43.14 ug/l
RT: 6.378 min Scan# 491
Delta R.T. 0.043 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

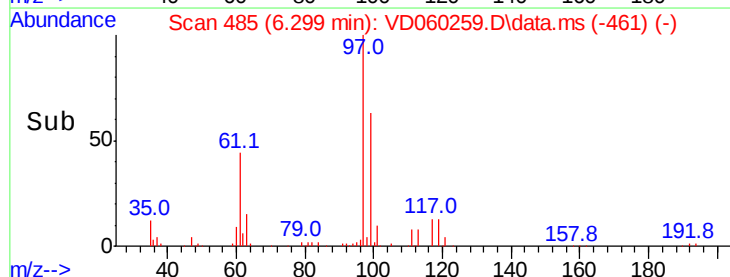
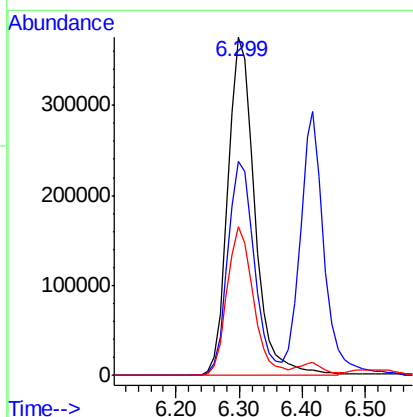
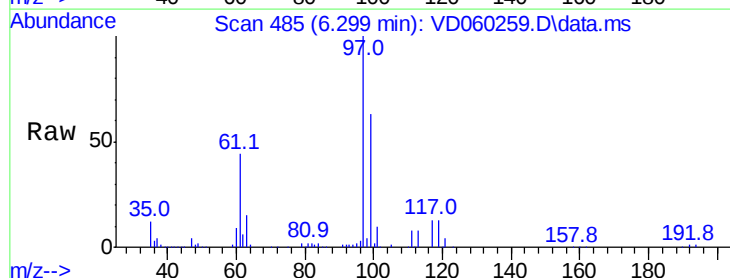
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

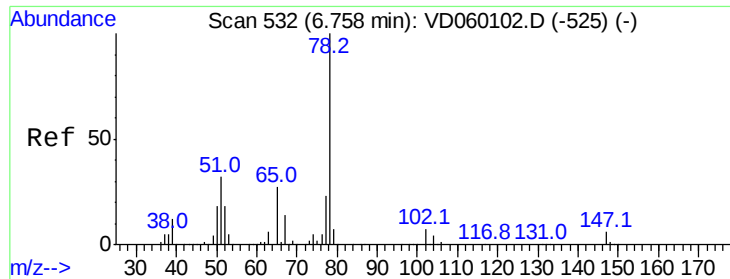
Tot Ion: 56 Resp: 1120482
Ion Ratio Lower Upper
56 100
69 29.0 22.8 34.2
84 80.0 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 49.09 ug/l
RT: 6.299 min Scan# 485
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 97 Resp: 1103797
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 43.8 35.5 53.3

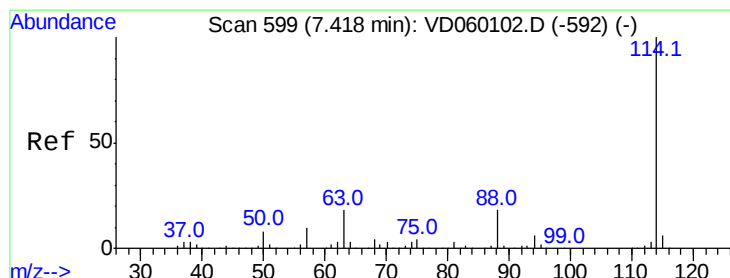
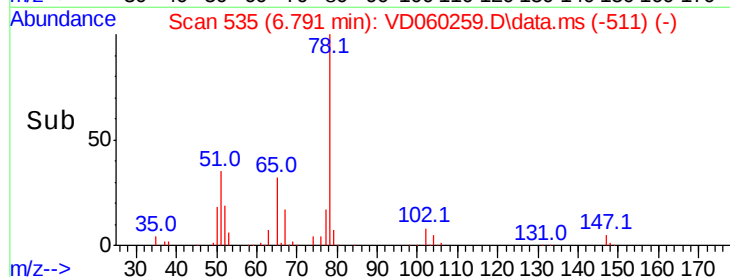
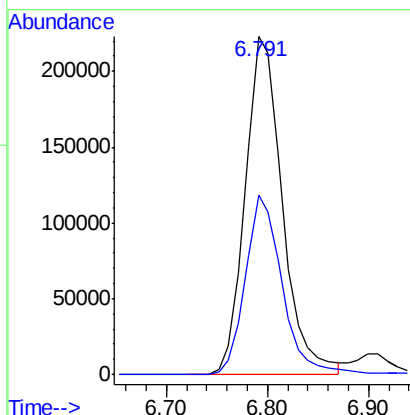
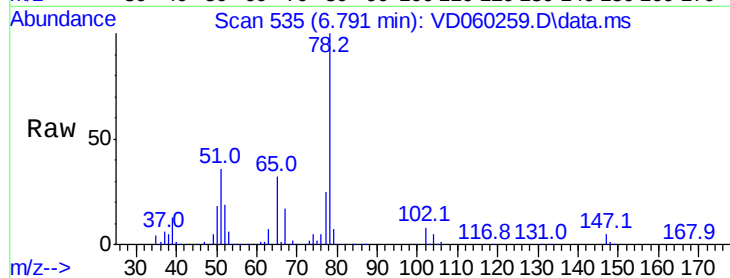




#33
 1,2-Dichloroethane-d4
 Concen: 47.67 ug/l
 RT: 6.791 min Scan# 531
 Delta R.T. 0.033 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

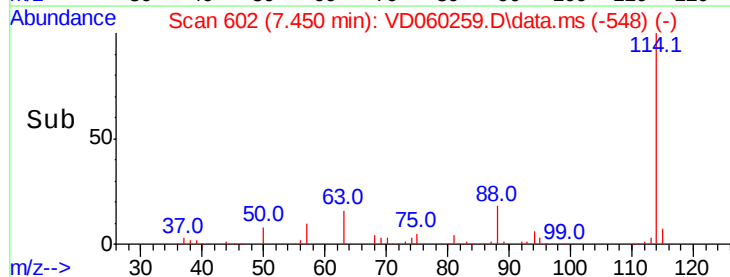
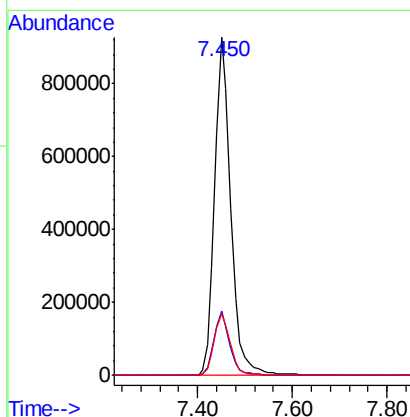
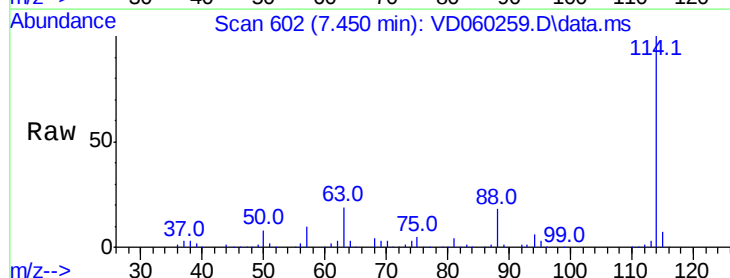
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

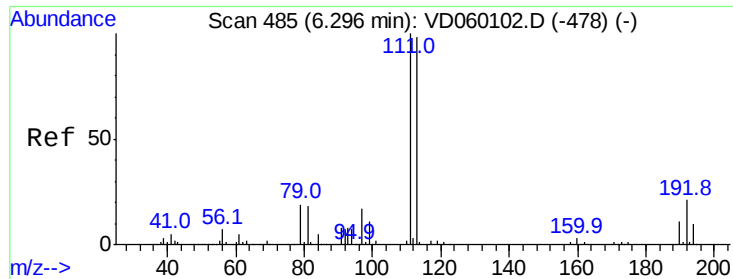
Tot Ion: 65 Resp: 571470
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.450 min Scan# 602
 Delta R.T. 0.033 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion: 114 Resp: 2191679
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 18.4 0.0 36.2

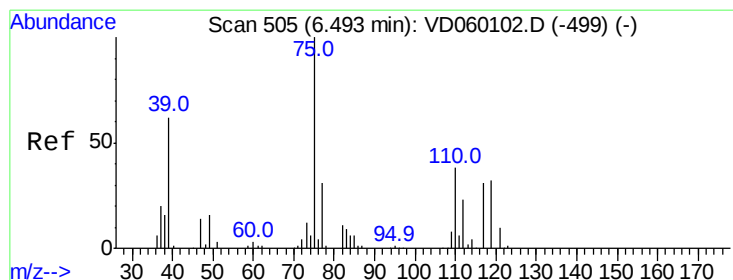
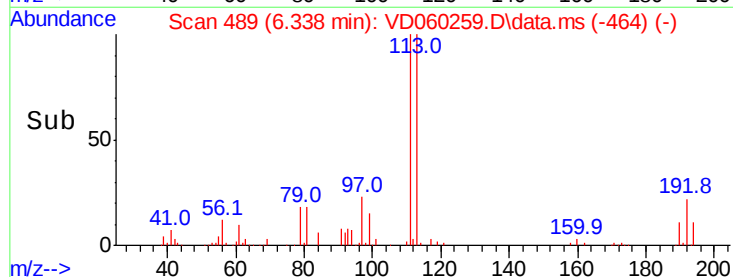
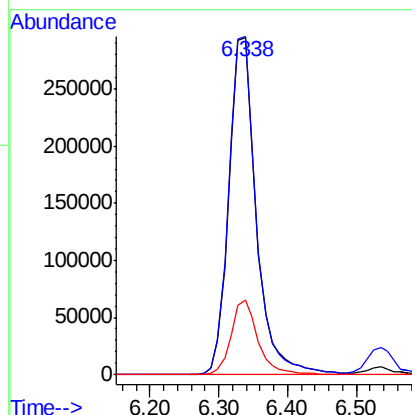
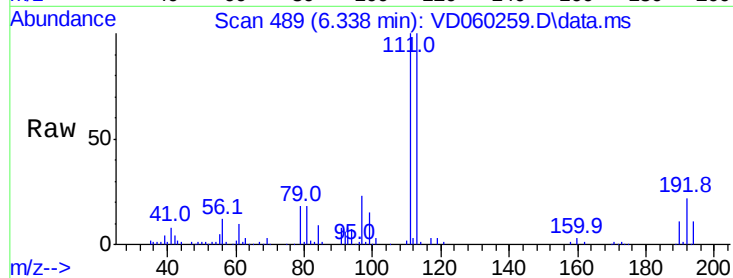




#35
Dibromofluoromethane
Concen: 48.77 ug/l
RT: 6.338 min Scan# 48
Delta R.T. 0.042 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

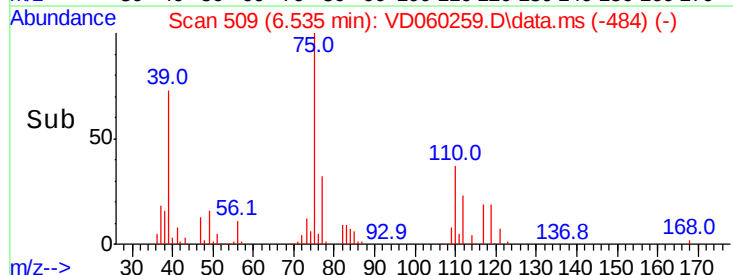
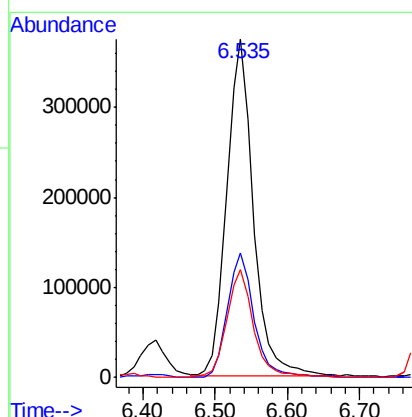
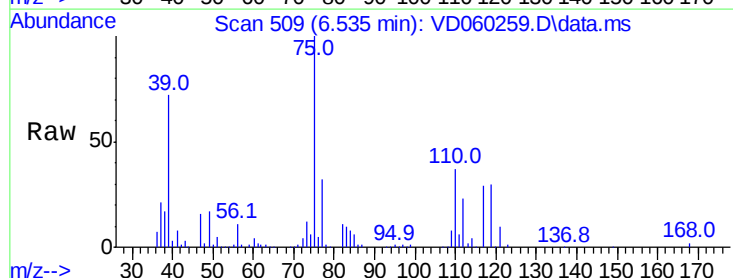
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

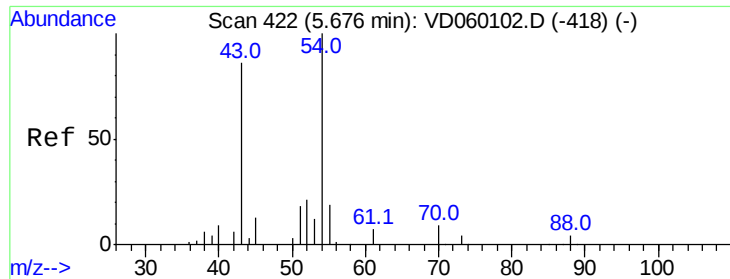
Tot Ion:113 Resp: 811650
Ion Ratio Lower Upper
113 100
111 100.5 81.5 122.3
192 22.2 17.4 26.0



#36
1,1-Dichloropropene
Concen: 45.70 ug/l
RT: 6.535 min Scan# 509
Delta R.T. 0.043 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 75 Resp: 957018
Ion Ratio Lower Upper
75 100
110 36.8 19.0 57.0
77 31.7 24.9 37.3

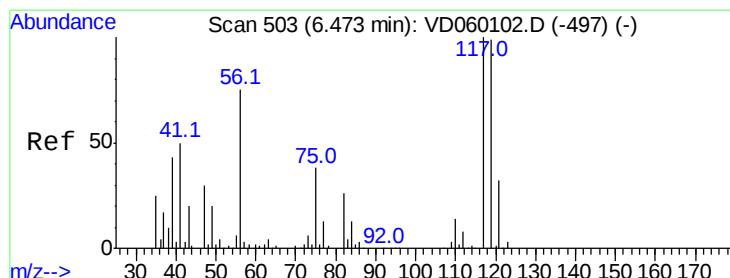
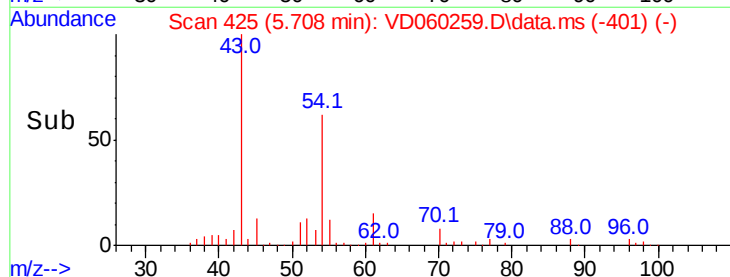
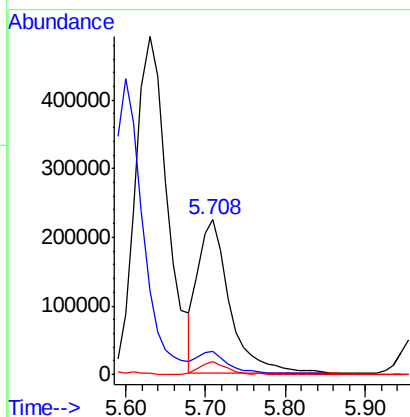
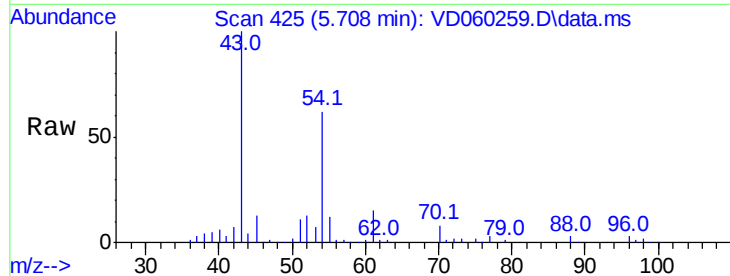




#37
Ethyl Acetate
Concen: 44.33 ug/l
RT: 5.708 min Scan# 42
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

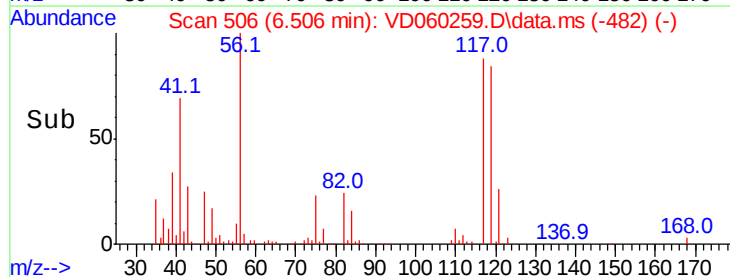
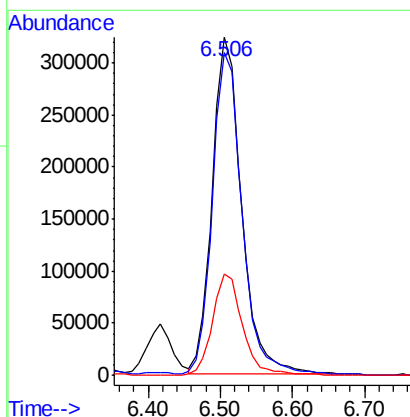
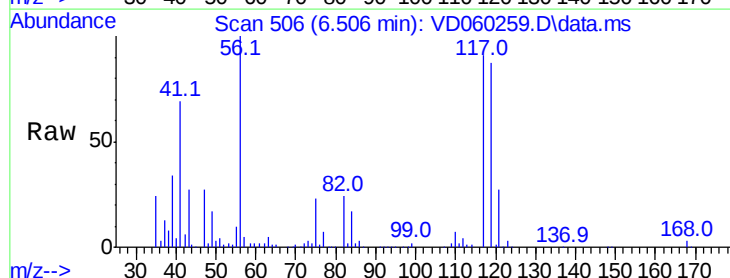
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

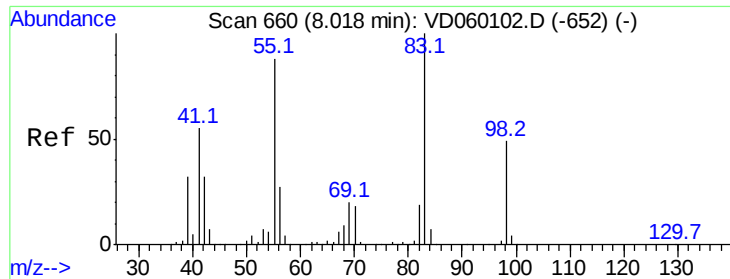
Tot Ion: 43 Resp: 616197
Ion Ratio Lower Upper
43 100
61 14.8 10.5 15.7
70 8.1 6.3 9.5



#38
Carbon Tetrachloride
Concen: 47.58 ug/l
RT: 6.506 min Scan# 506
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 117 Resp: 904386
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.6
121 29.8 24.8 37.2

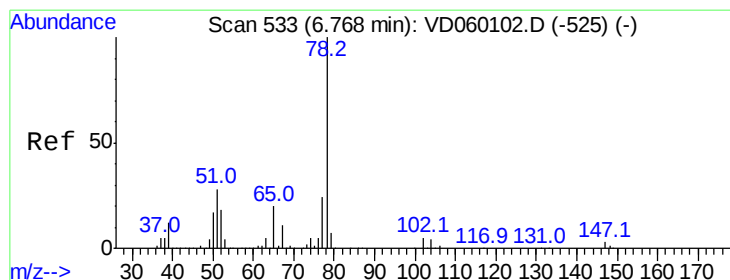
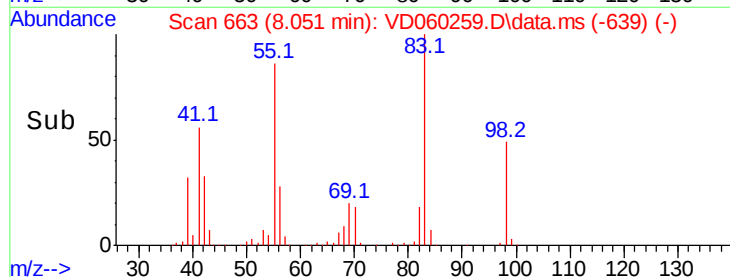
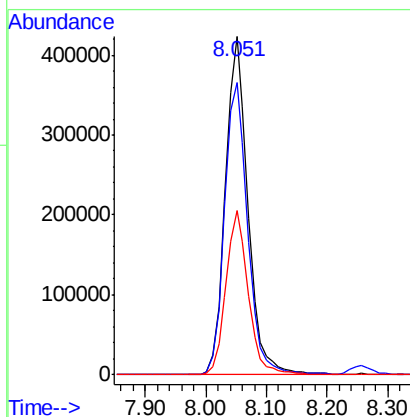
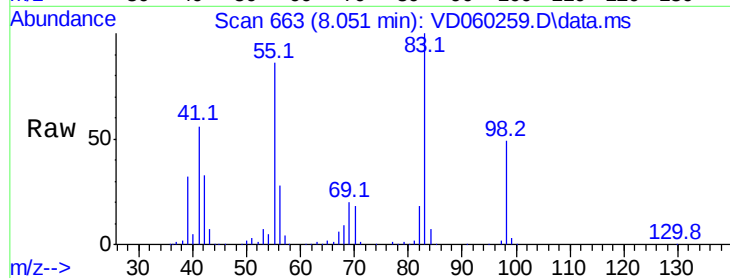




#39
Methvlcvclohexane
Concen: 45.75 ug/l
RT: 8.051 min Scan# 66
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

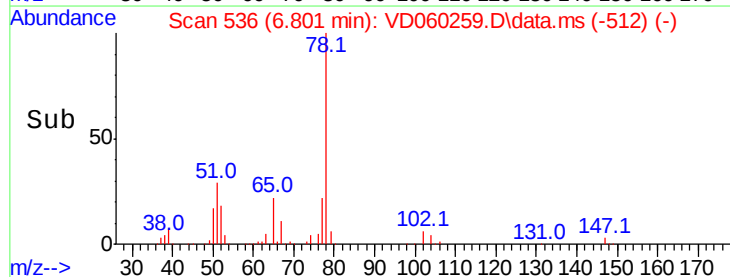
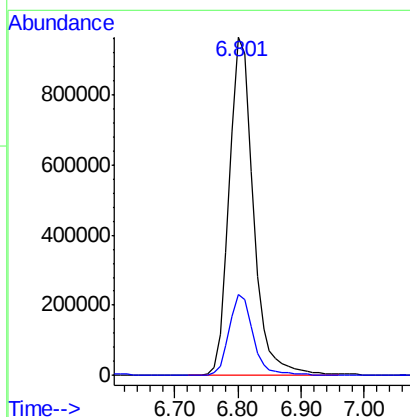
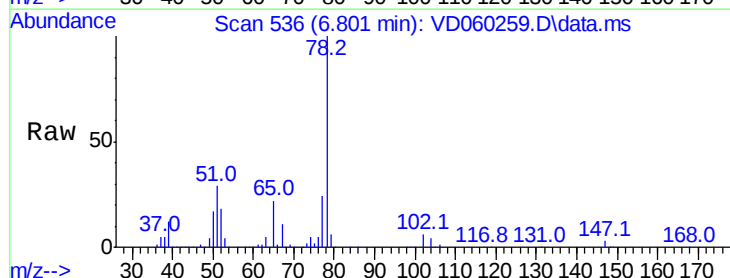
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

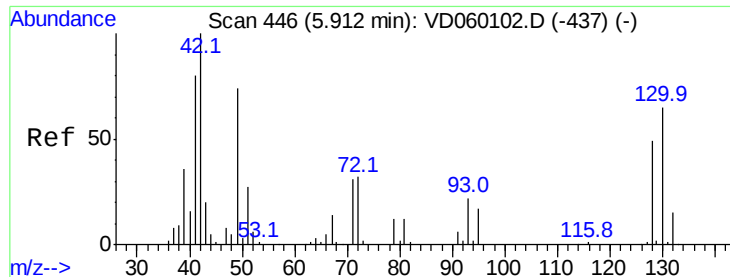
Tot Ion: 83 Resp: 1088649
Ion Ratio Lower Upper
83 100
55 86.4 70.5 105.7
98 48.6 39.4 59.2



#40
Benzene
Concen: 46.54 ug/l
RT: 6.801 min Scan# 536
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 78 Resp: 2550097
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 94.38 ug/l

RT: 5.954 min Scan# 45

Delta R.T. 0.042 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 741546

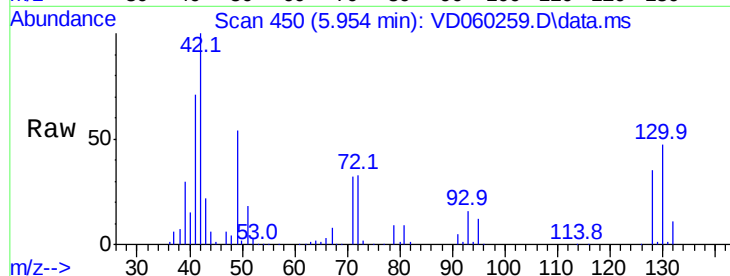
Ion Ratio Lower Upper

41 100

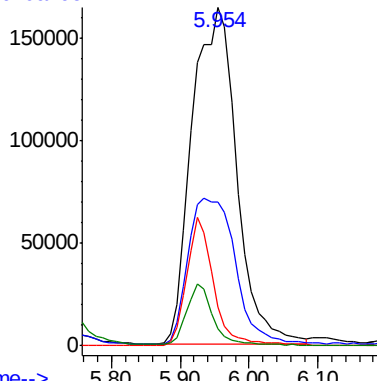
39 42.4 36.0 54.0

67 11.4 13.9 20.9#

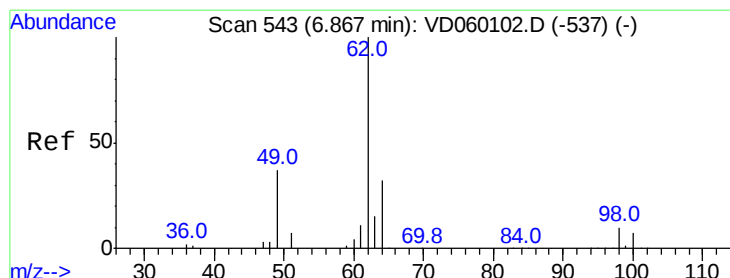
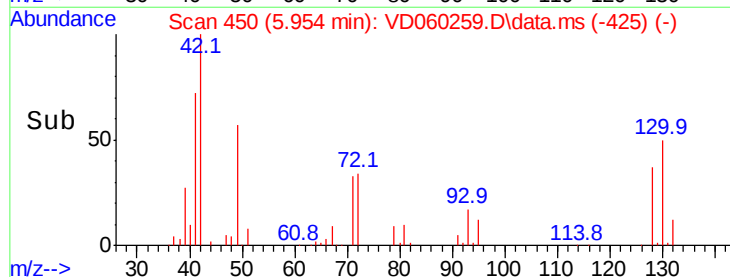
52 4.9 6.1 9.1#



Abundance



Time-->



#42

1,2-Dichloroethane

Concen: 47.22 ug/l

RT: 6.899 min Scan# 546

Delta R.T. 0.033 min

Lab File: VD060259.D

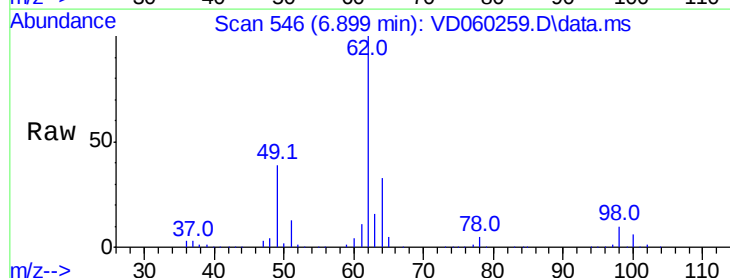
Acq: 1 Nov 2018 13:21

Tgt Ion: 62 Resp: 741709

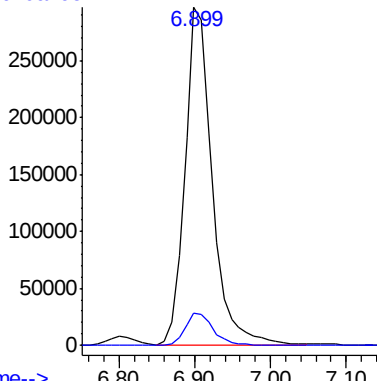
Ion Ratio Lower Upper

62 100

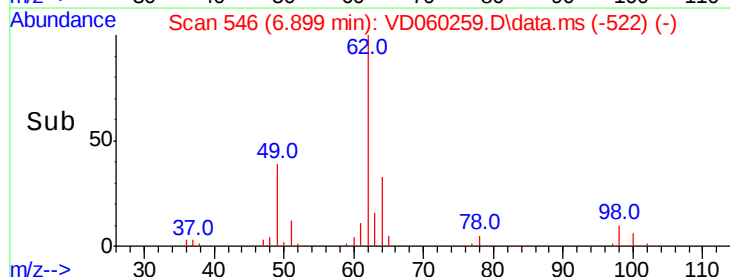
98 9.5 0.0 20.6

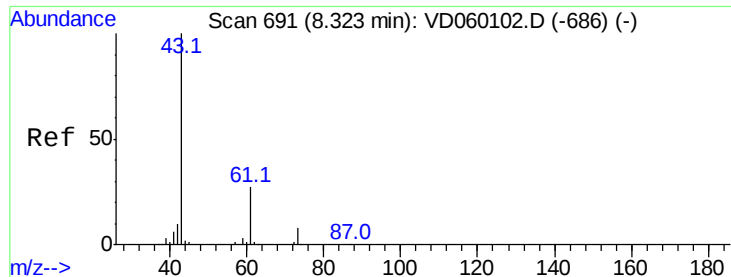


Abundance



Time-->





#43

Isopropyl Acetate

Concen: 45.02 ug/l

RT: 8.356 min Scan# 691

Delta R.T. 0.033 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

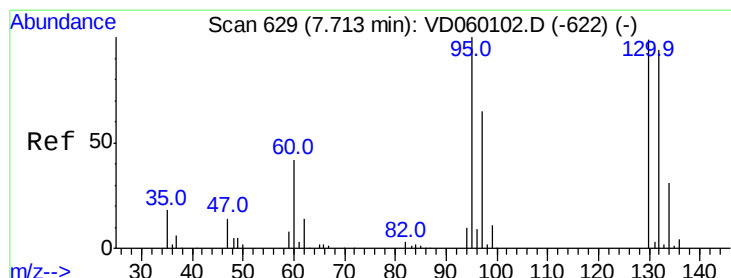
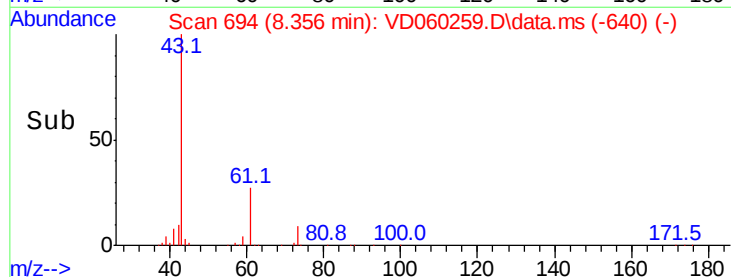
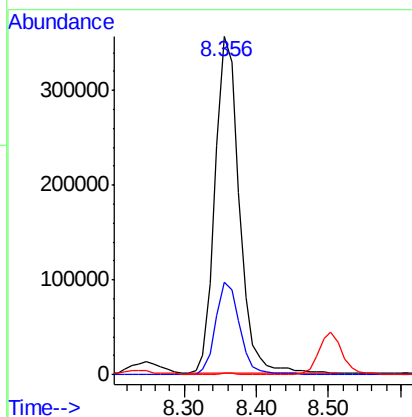
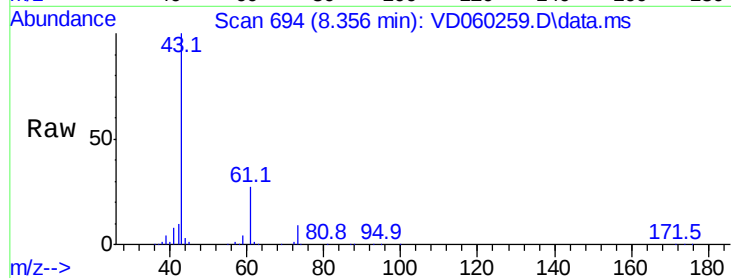
Tot Ion: 43 Resp: 823363

Ion Ratio Lower Upper

43 100

61 27.2 21.4 32.2

87 0.2 0.2 0.2#



#44

Trichloroethene

Concen: 46.42 ug/l

RT: 7.755 min Scan# 633

Delta R.T. 0.042 min

Lab File: VD060259.D

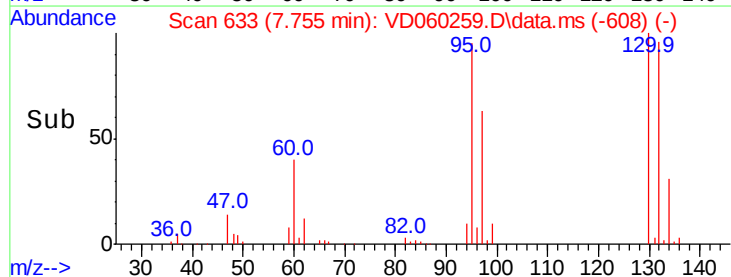
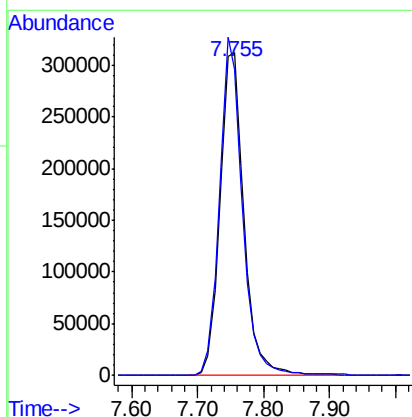
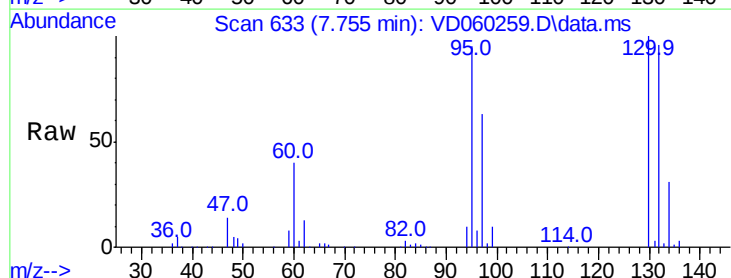
Acq: 1 Nov 2018 13:21

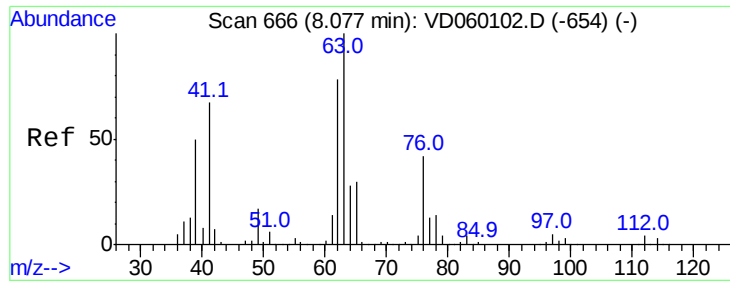
Tgt Ion:130 Resp: 787380

Ion Ratio Lower Upper

130 100

95 94.9 0.0 202.2

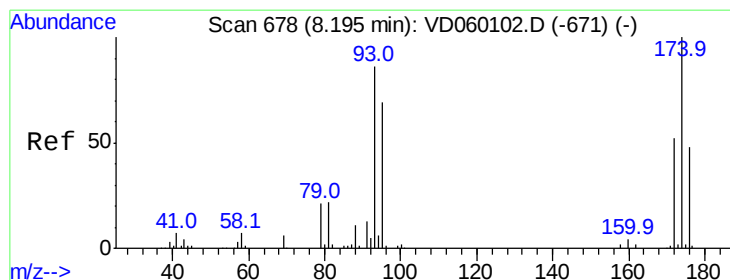
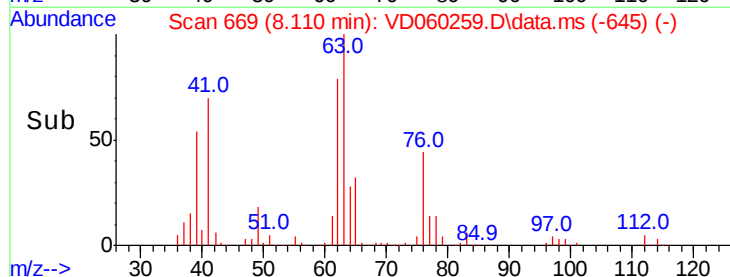
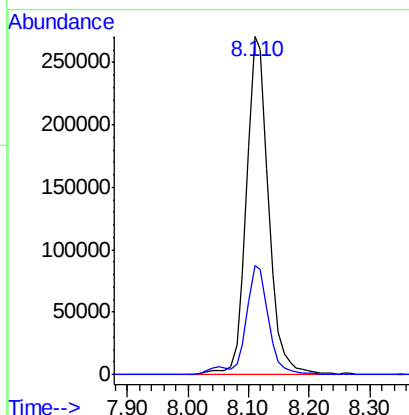
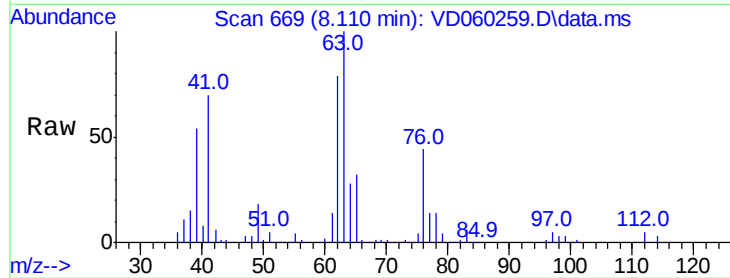




#45
1,2-Dichloropropane
Concen: 47.74 ug/l
RT: 8.110 min Scan# 666
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

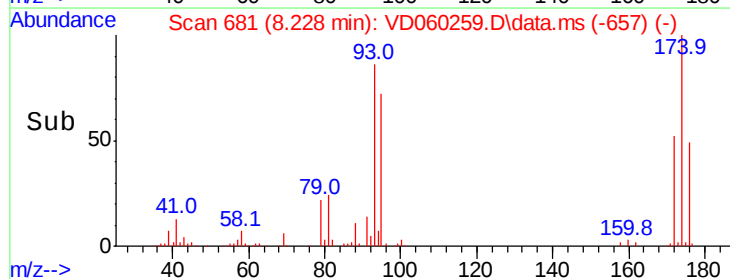
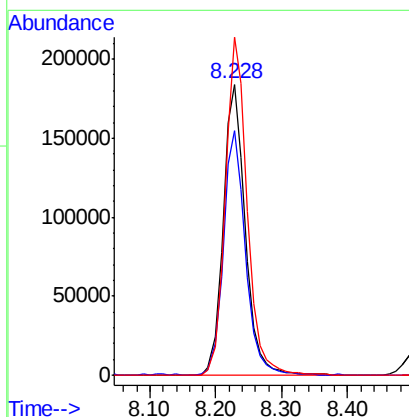
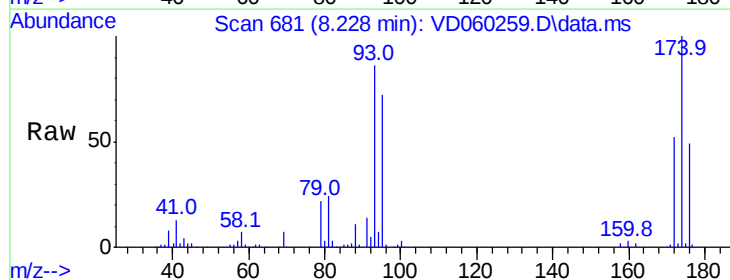
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

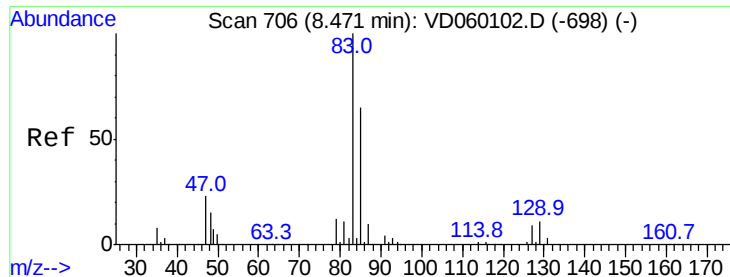
Tot Ion: 63 Resp: 684929
Ion Ratio Lower Upper
63 100
65 32.3 24.1 36.1



#46
Dibromomethane
Concen: 46.31 ug/l
RT: 8.228 min Scan# 681
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 93 Resp: 430168
Ion Ratio Lower Upper
93 100
95 84.0 63.8 95.6
174 116.0 92.9 139.3





#47

Bromodichloromethane

Concen: 49.78 ug/l

RT: 8.503 min Scan# 706

Delta R.T. 0.033 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

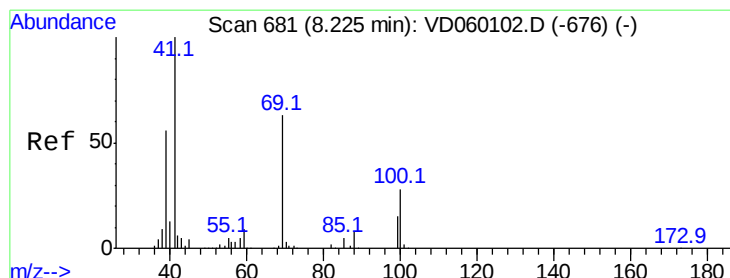
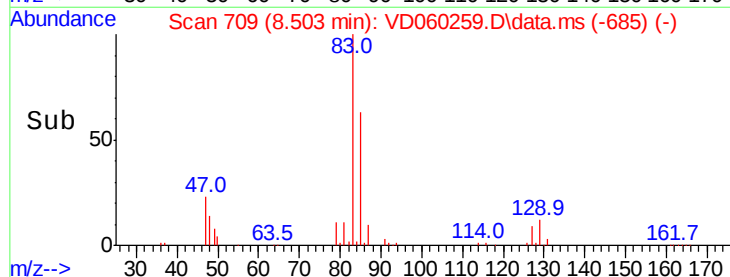
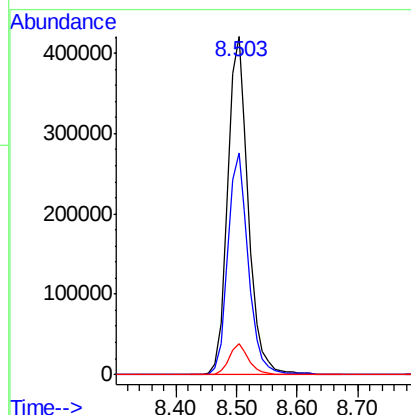
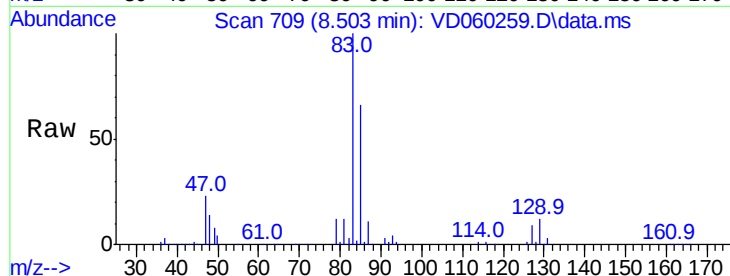
Tot Ion: 83 Resp: 985232

Ion Ratio Lower Upper

83 100

85 65.7 52.2 78.2

127 9.1 7.4 11.0



#48

Methyl methacrylate

Concen: 46.59 ug/l

RT: 8.257 min Scan# 684

Delta R.T. 0.033 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

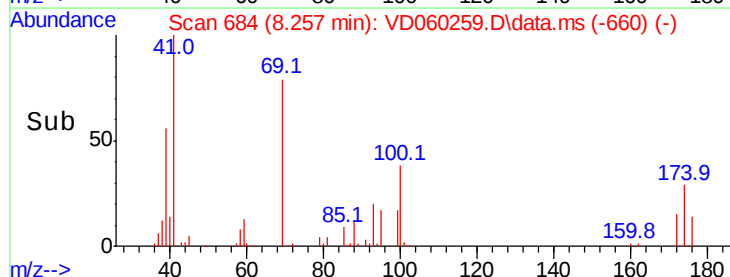
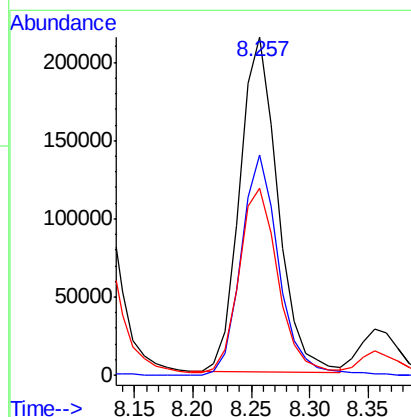
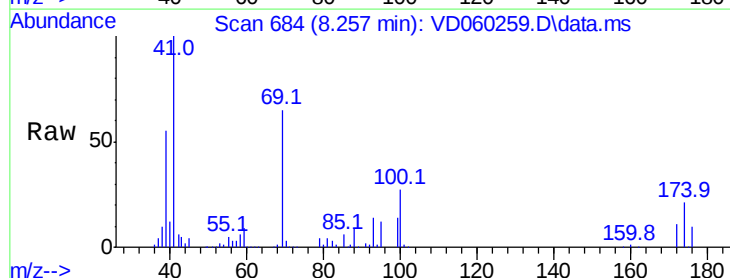
Tgt Ion: 41 Resp: 485364

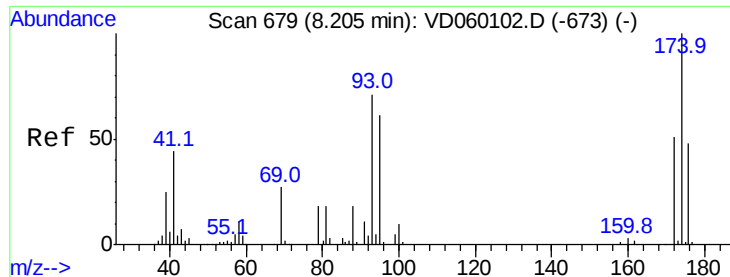
Ion Ratio Lower Upper

41 100

69 65.2 49.7 74.5

39 55.5 45.2 67.8





#49

1,4-Dioxane

Concen: 925.62 ug/l

RT: 8.238 min Scan# 68

Delta R.T. 0.033 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

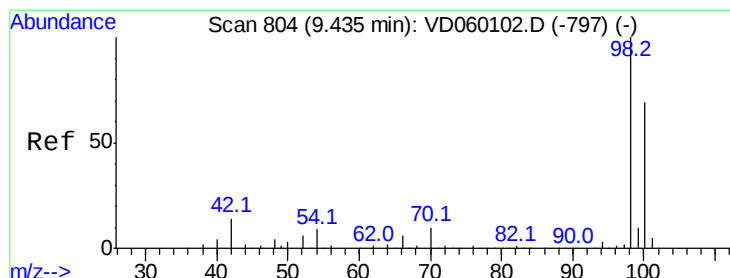
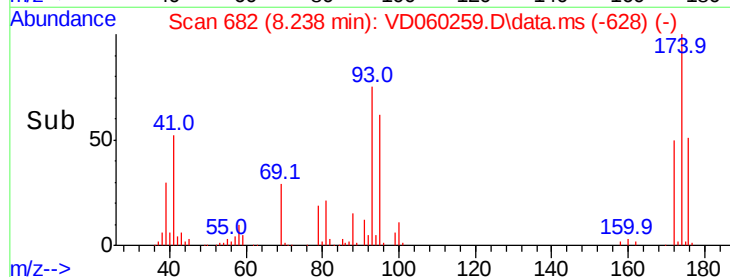
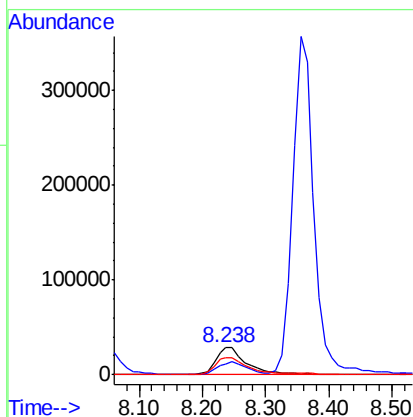
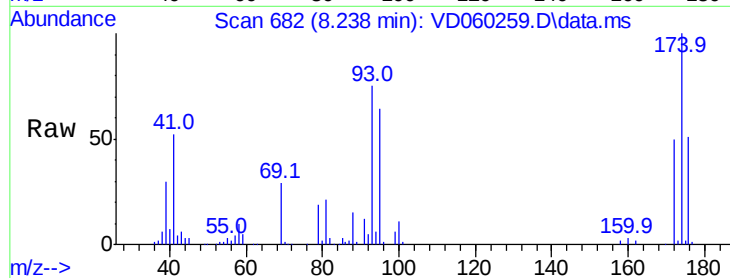
Tot Ion: 88 Resp: 94877

Ion Ratio Lower Upper

88 100

43 40.1 33.7 50.5

58 64.7 49.1 73.7



#50

Toluene-d8

Concen: 46.71 ug/l

RT: 9.468 min Scan# 807

Delta R.T. 0.033 min

Lab File: VD060259.D

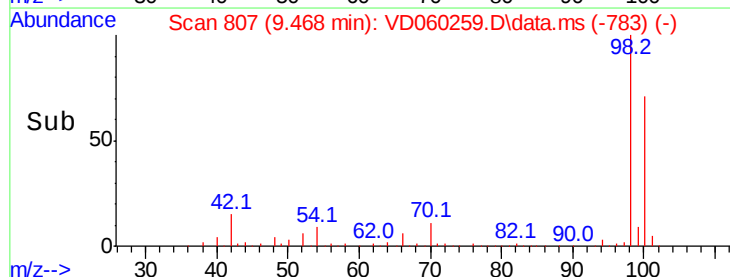
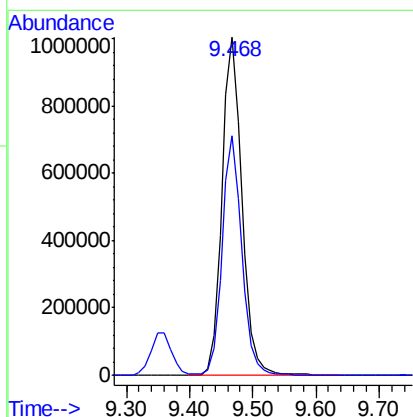
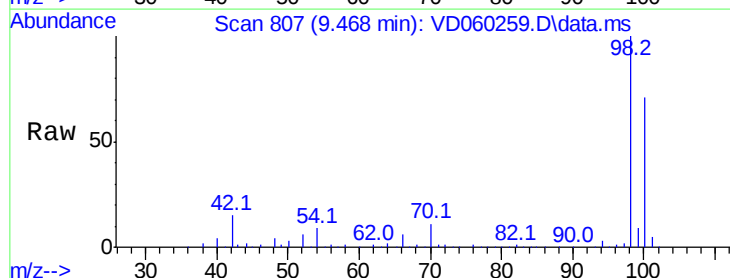
Acq: 1 Nov 2018 13:21

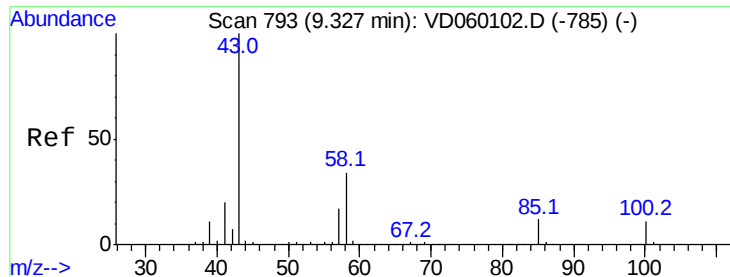
Tgt Ion: 98 Resp: 2216772

Ion Ratio Lower Upper

98 100

100 70.7 55.4 83.0





#51

4-Methyl-2-Pentanone

Concen: 238.55 ug/l

RT: 9.350 min Scan# 79

Delta R.T. 0.023 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

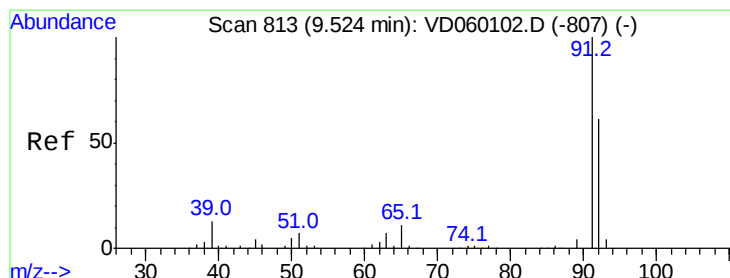
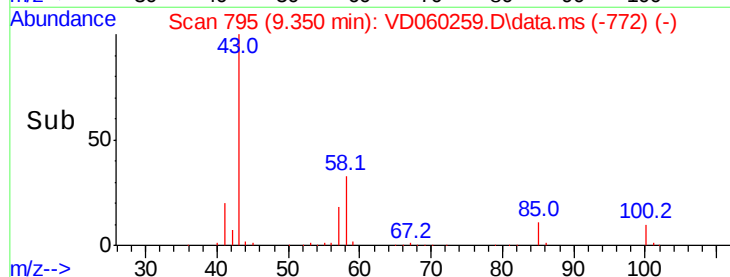
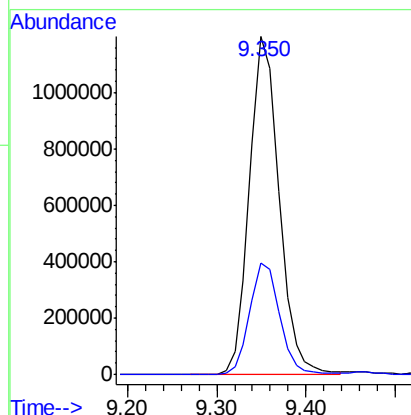
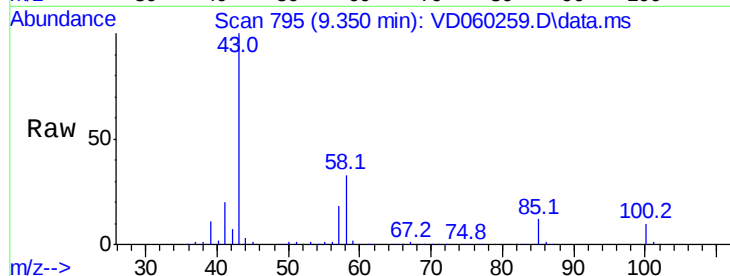
VSTDCCC050

Tot Ion: 43 Resp: 2751764

Ion Ratio Lower Upper

43 100

58 32.8 27.2 40.8



#52

Toluene

Concen: 47.07 ug/l

RT: 9.556 min Scan# 816

Delta R.T. 0.033 min

Lab File: VD060259.D

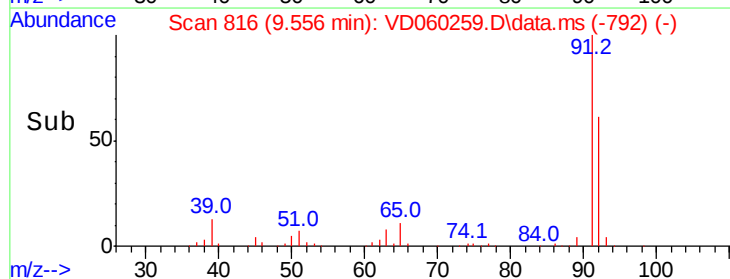
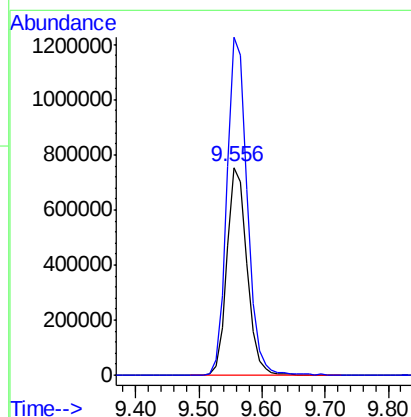
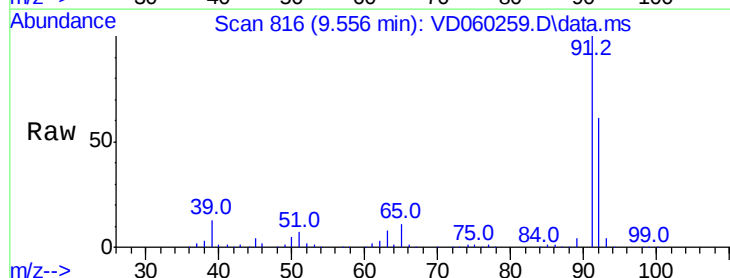
Acq: 1 Nov 2018 13:21

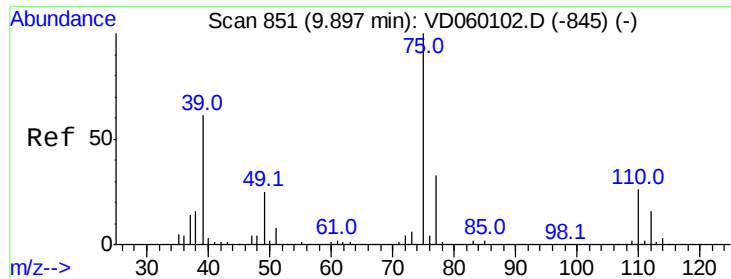
Tgt Ion: 92 Resp: 1660949

Ion Ratio Lower Upper

92 100

91 162.9 131.9 197.9





#53

t-1,3-Dichloropropene

Concen: 49.73 ug/l

RT: 9.930 min Scan# 851

Delta R.T. 0.033 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

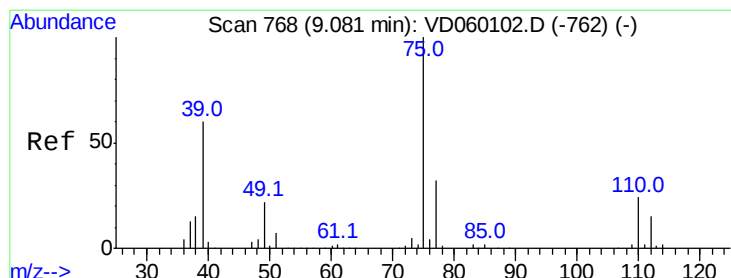
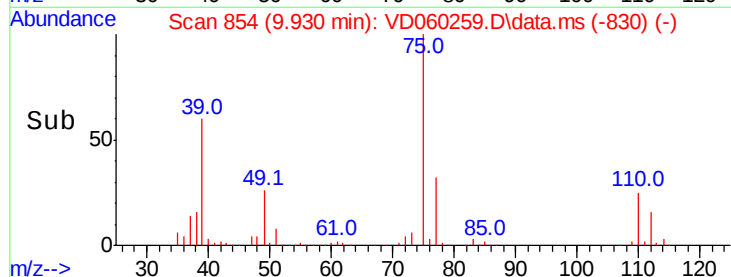
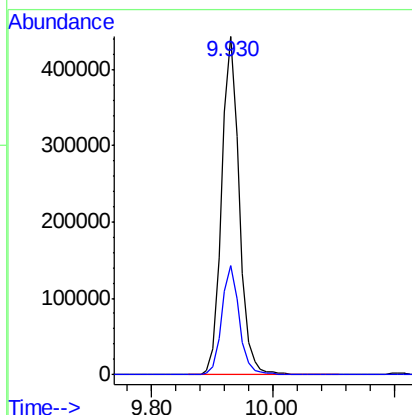
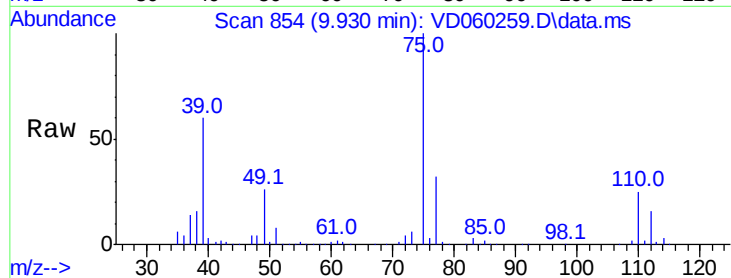
VSTDCCC050

Tot Ion: 75 Resp: 890554

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 48.48 ug/l

RT: 9.113 min Scan# 771

Delta R.T. 0.033 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

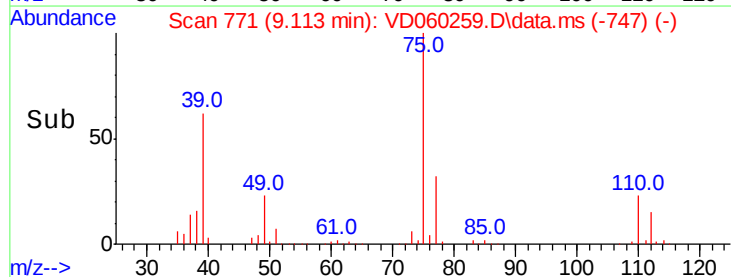
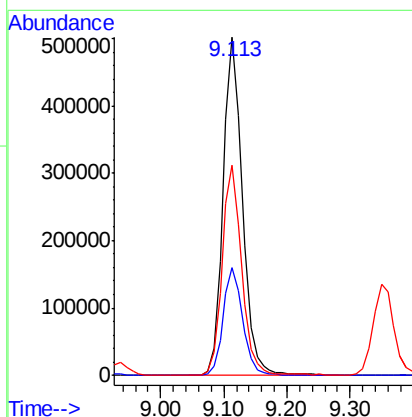
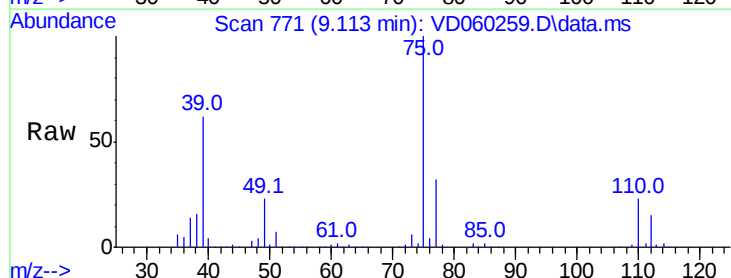
Tgt Ion: 75 Resp: 1072147

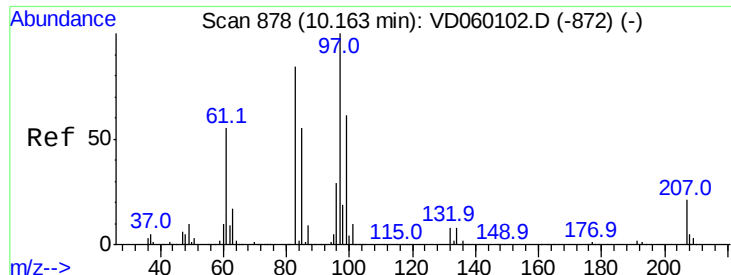
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

39 62.0 48.2 72.4

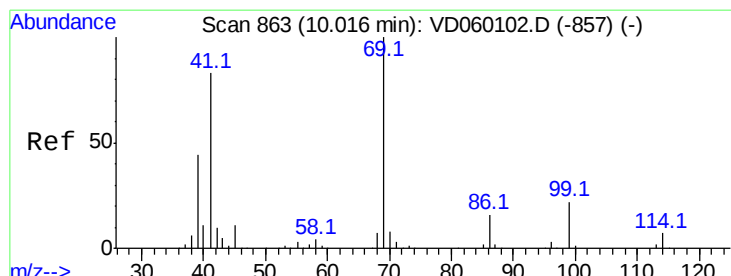
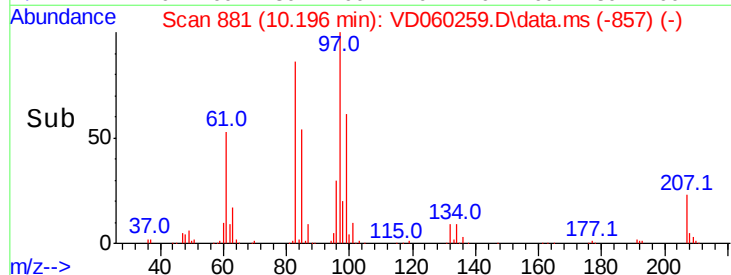
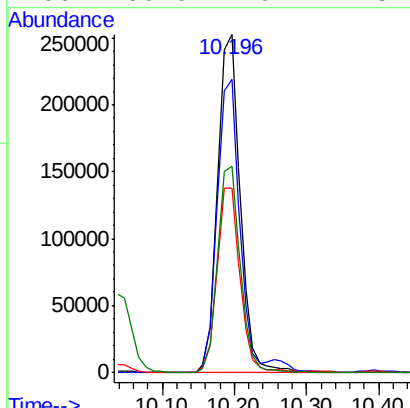
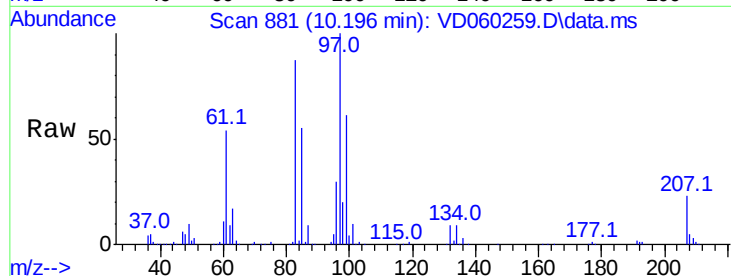




#55
 1,1,2-Trichloroethane
 Concen: 47.10 ug/l
 RT: 10.196 min Scan# 881
 Delta R.T. 0.033 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

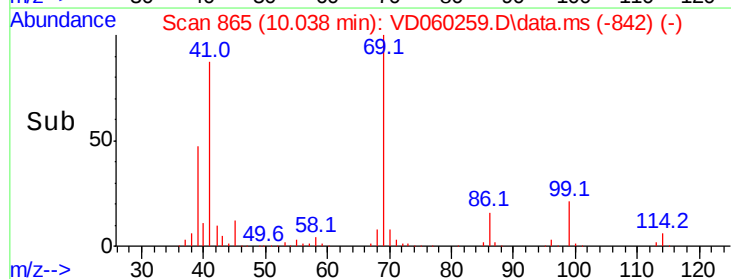
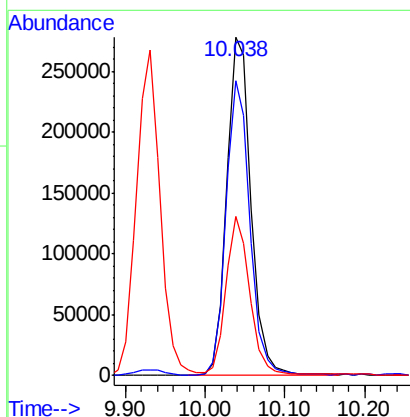
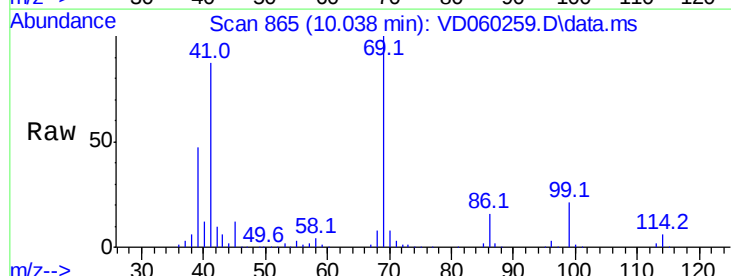
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

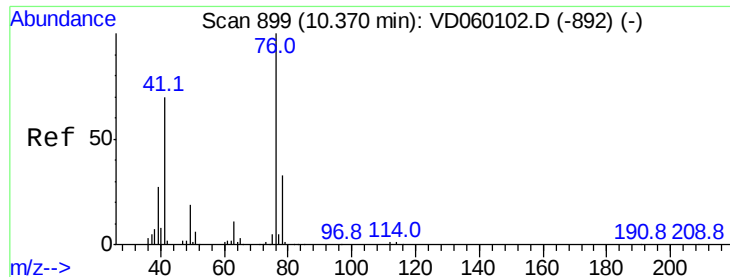
Tot Ion: 97 Resp: 543353
 Ion Ratio Lower Upper
 97 100
 83 86.7 67.0 100.6
 85 54.5 43.9 65.9
 99 60.9 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 46.76 ug/l
 RT: 10.038 min Scan# 865
 Delta R.T. 0.023 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion: 69 Resp: 595464
 Ion Ratio Lower Upper
 69 100
 41 87.3 66.6 100.0
 39 46.9 36.0 54.0

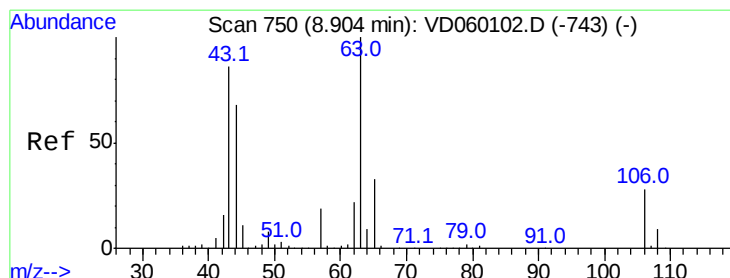
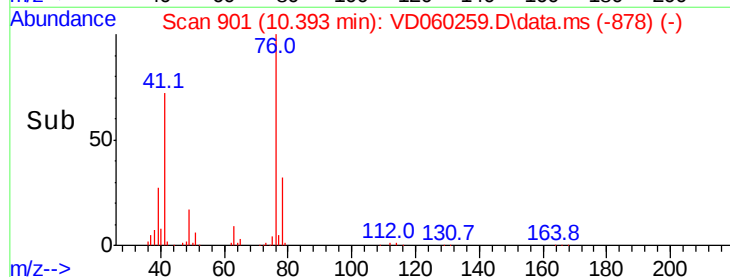
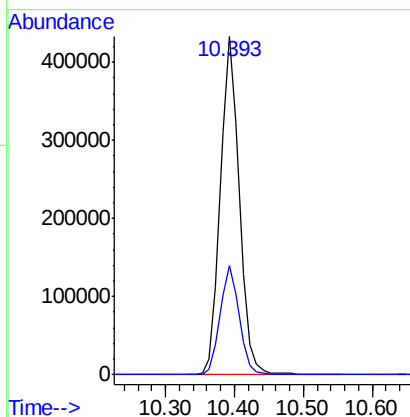
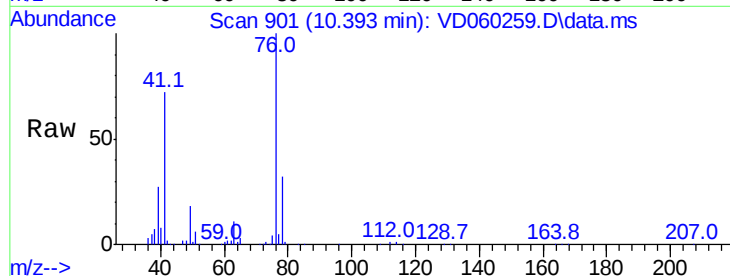




#57
 1,3-Dichloropropane
 Concen: 46.81 ug/l
 RT: 10.393 min Scan# 901
 Delta R.T. 0.023 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

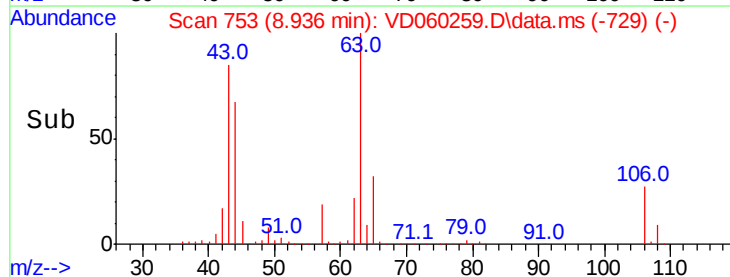
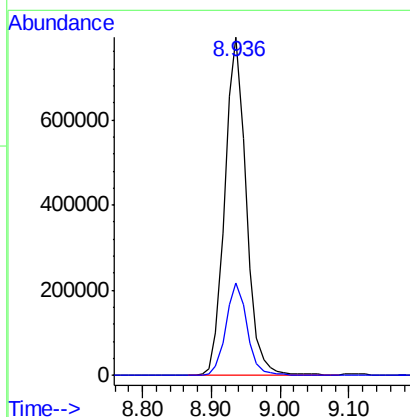
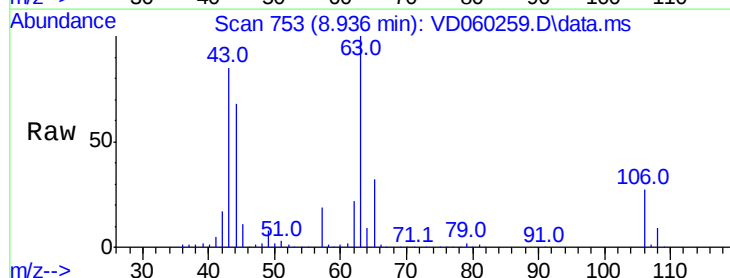
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

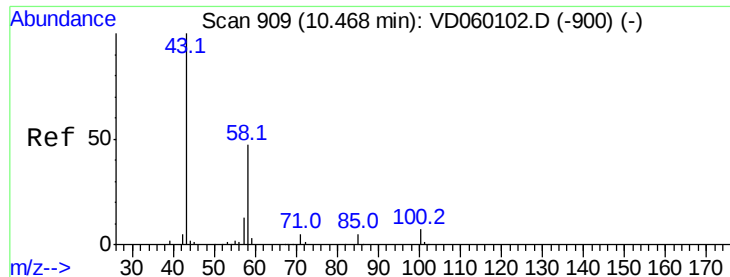
Tot Ion: 76 Resp: 823601
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.69 ug/l
 RT: 8.936 min Scan# 753
 Delta R.T. 0.033 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion: 63 Resp: 1701998
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.6 34.0

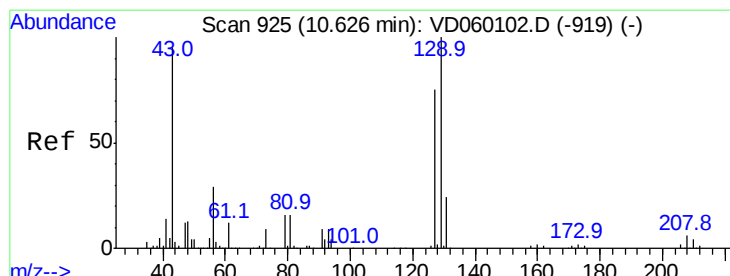
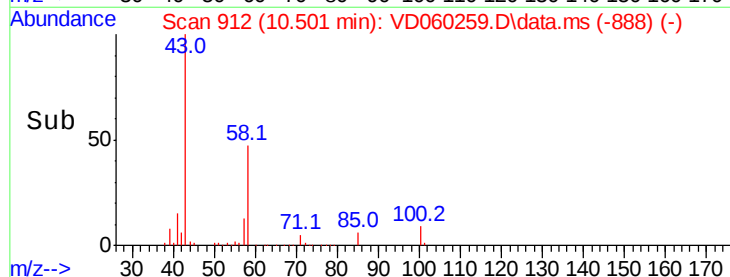
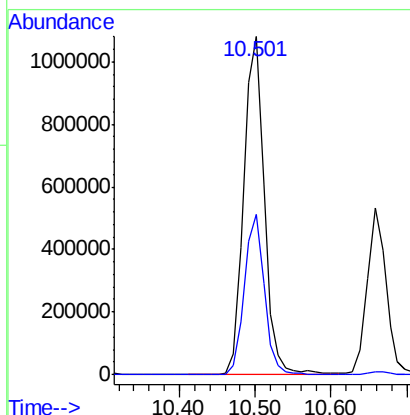
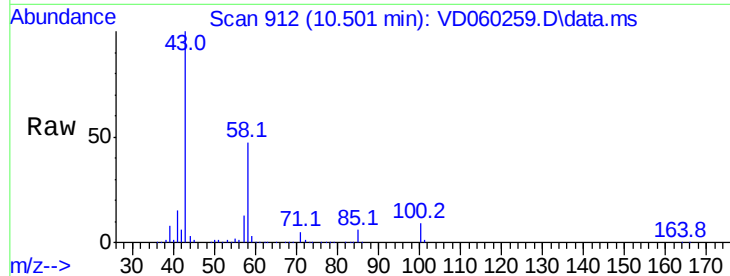




#59
2-Hexanone
Concen: 243.91 ug/l
RT: 10.501 min Scan# 911
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

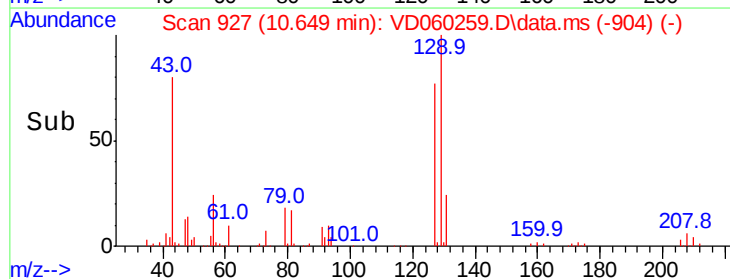
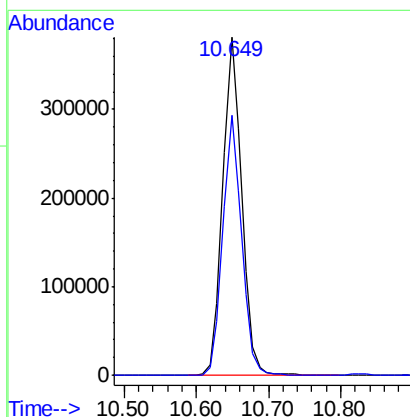
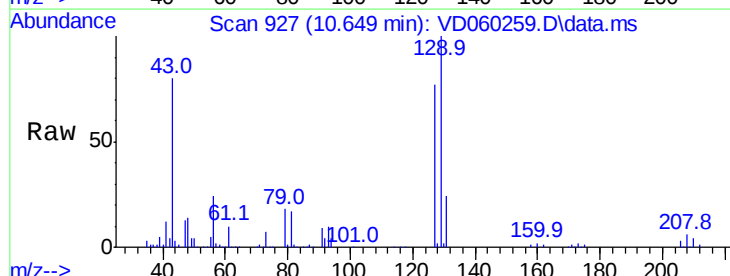
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

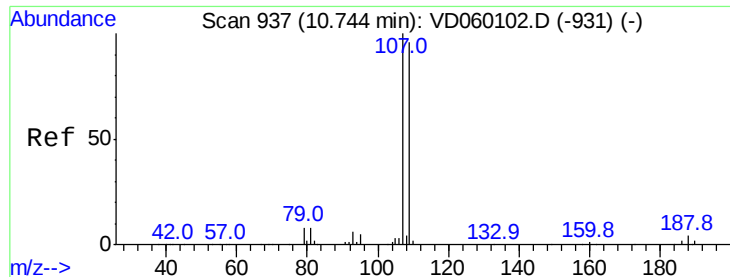
Tot Ion: 43 Resp: 2023200
Ion Ratio Lower Upper
43 100
58 47.3 23.3 69.9



#60
Dibromochloromethane
Concen: 49.01 ug/l
RT: 10.649 min Scan# 927
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion:129 Resp: 693671
Ion Ratio Lower Upper
129 100
127 76.8 37.4 112.2

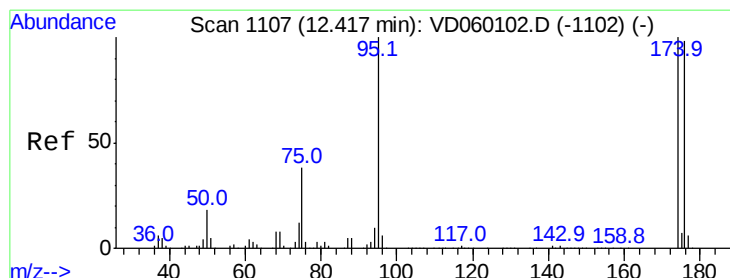
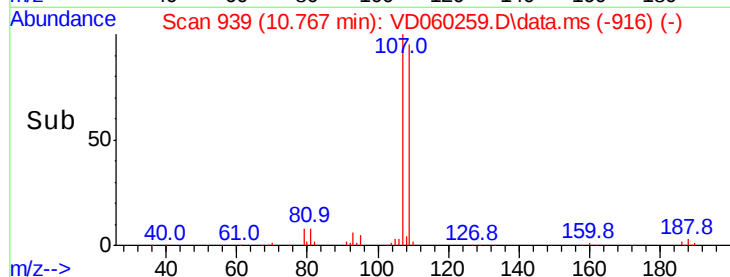
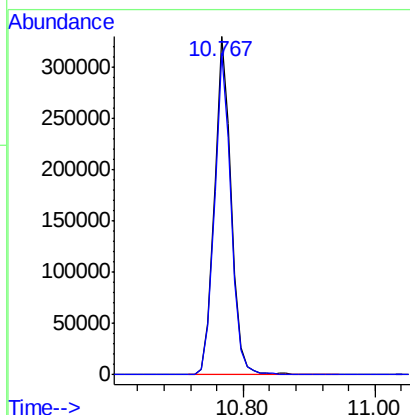
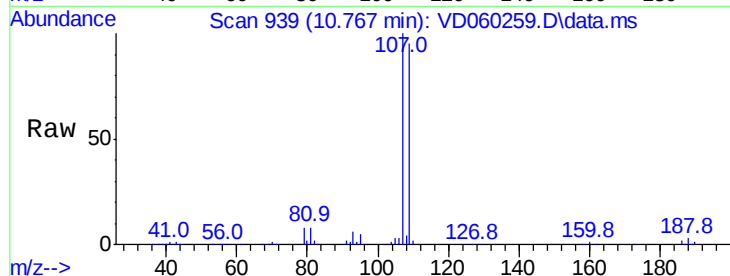




#61
1,2-Dibromoethane
Concen: 46.27 ug/l
RT: 10.767 min Scan# 937
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

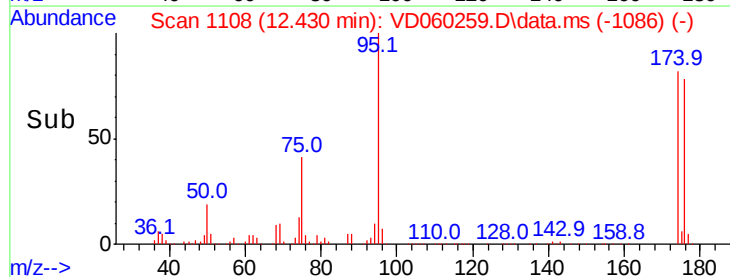
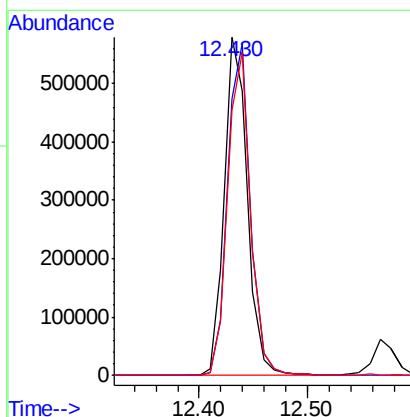
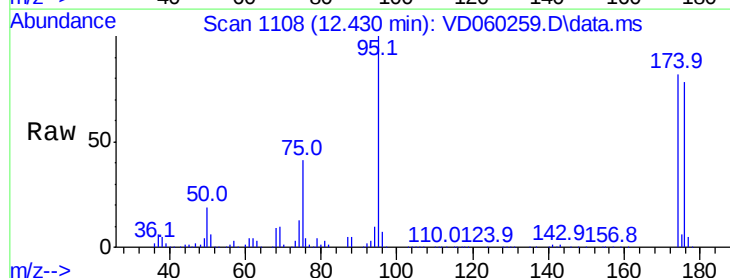
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

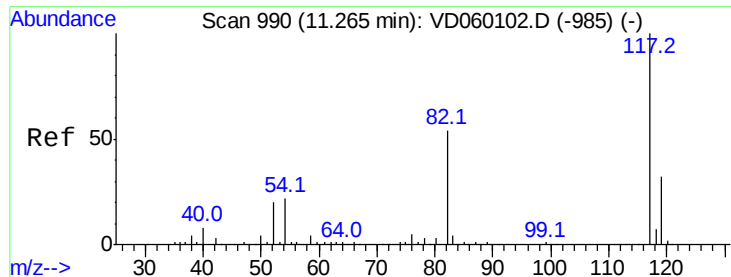
Tot Ion:107 Resp: 567143
Ion Ratio Lower Upper
107 100
109 94.9 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 48.09 ug/l
RT: 12.430 min Scan# 1108
Delta R.T. 0.013 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 95 Resp: 854461
Ion Ratio Lower Upper
95 100
174 81.7 0.0 200.2
176 78.4 0.0 195.6

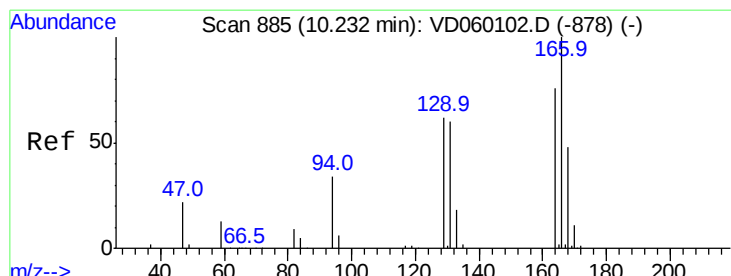
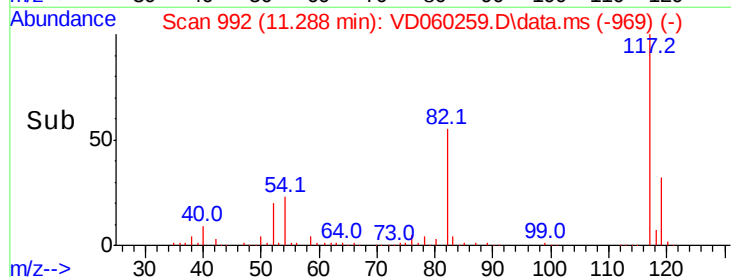
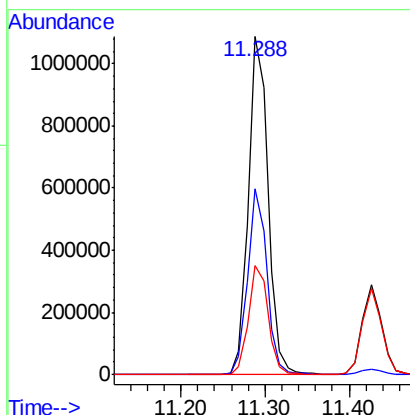
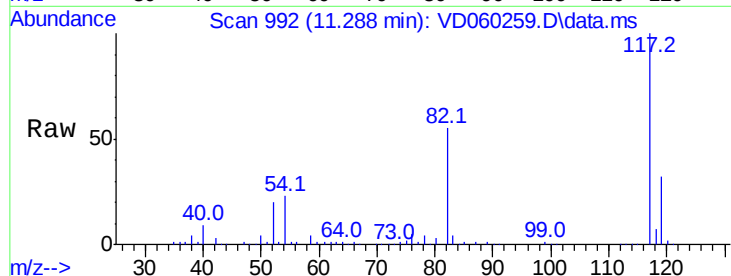




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.288 min Scan# 99
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

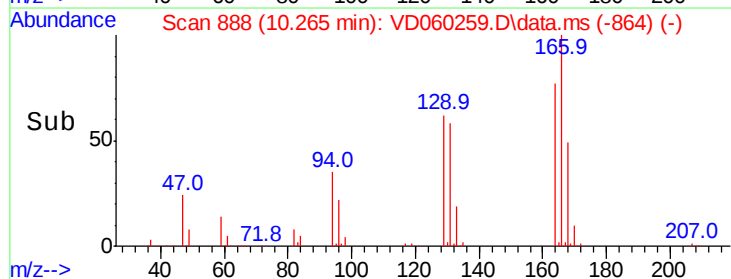
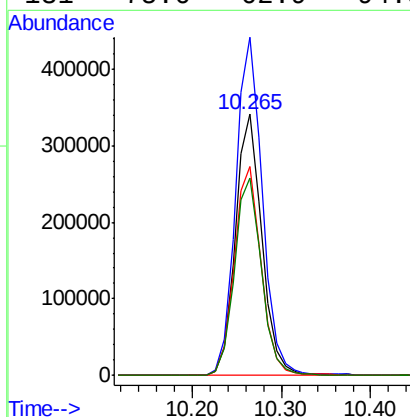
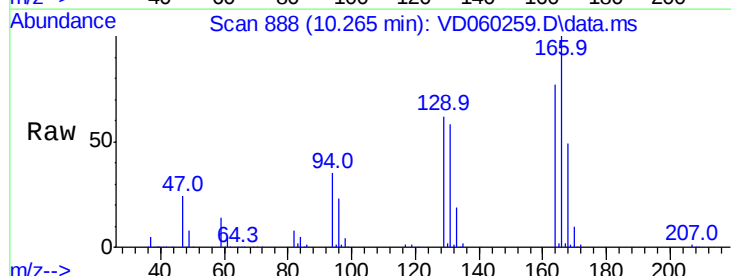
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

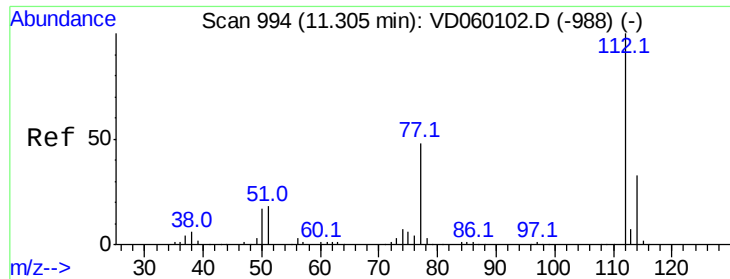
Tot Ion:117 Resp: 1780572
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.2
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 45.30 ug/l
RT: 10.265 min Scan# 888
Delta R.T. 0.033 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion:164 Resp: 706441
Ion Ratio Lower Upper
164 100
166 129.7 105.4 158.0
129 80.0 65.7 98.5
131 75.6 62.9 94.3





#65

Chlorobenzene

Concen: 46.13 ug/l

RT: 11.318 min Scan# 99

Delta R.T. 0.013 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

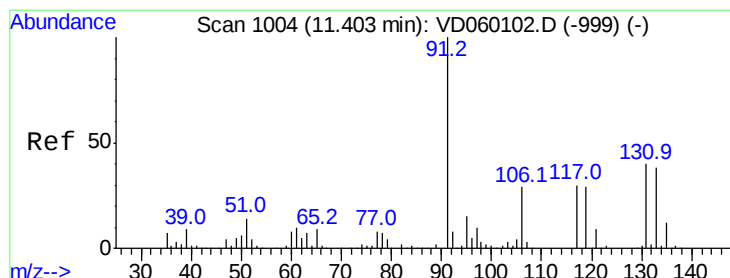
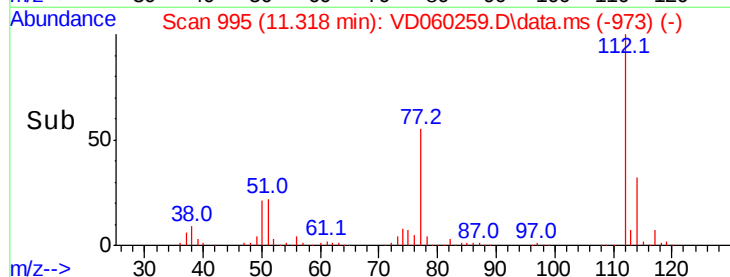
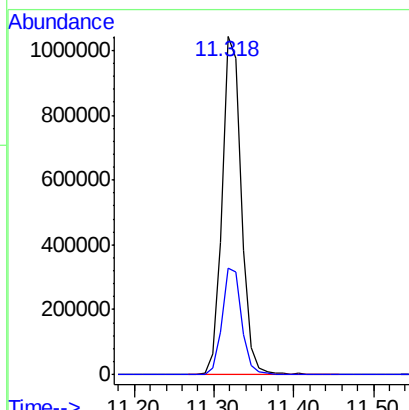
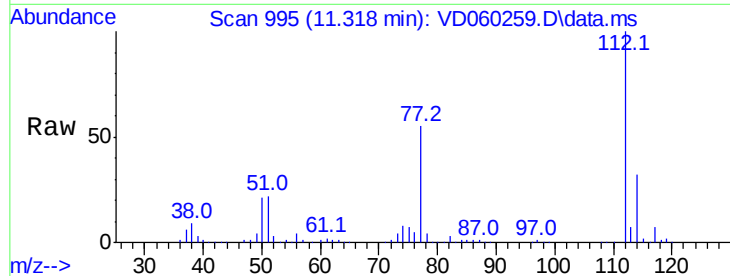
VSTDCCC050

Tot Ion:112 Resp: 1776845

Ion Ratio Lower Upper

112 100

114 31.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.53 ug/l

RT: 11.426 min Scan# 1006

Delta R.T. 0.023 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

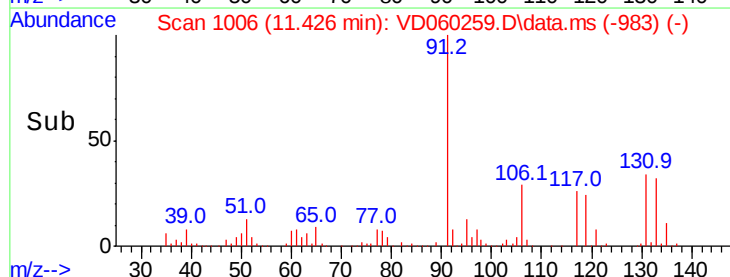
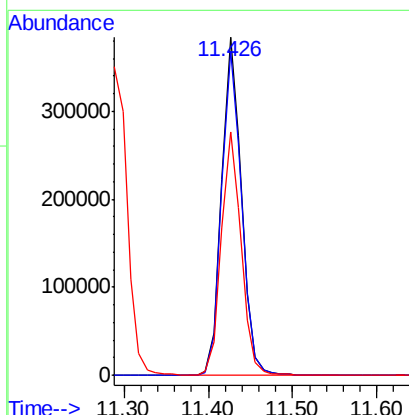
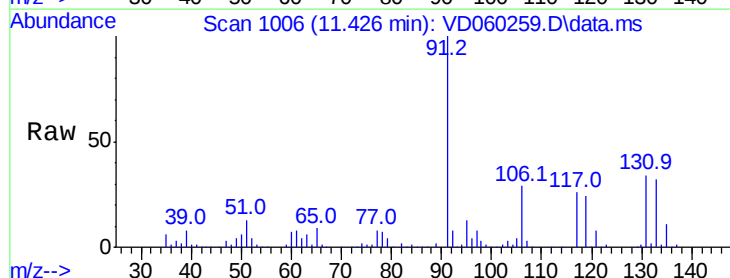
Tgt Ion:131 Resp: 623636

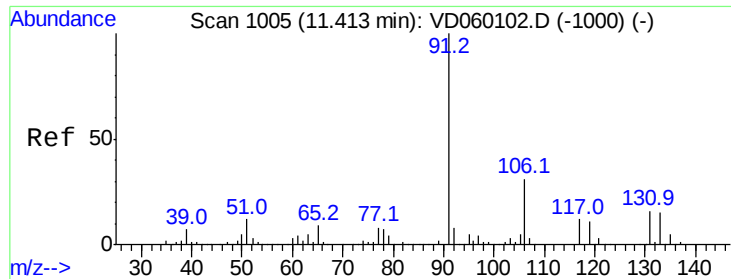
Ion Ratio Lower Upper

131 100

133 95.8 47.4 142.3

119 72.1 36.1 108.3

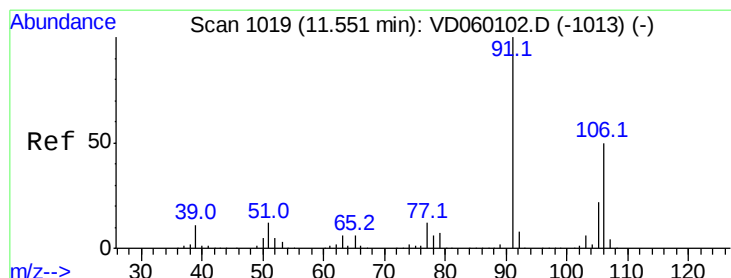
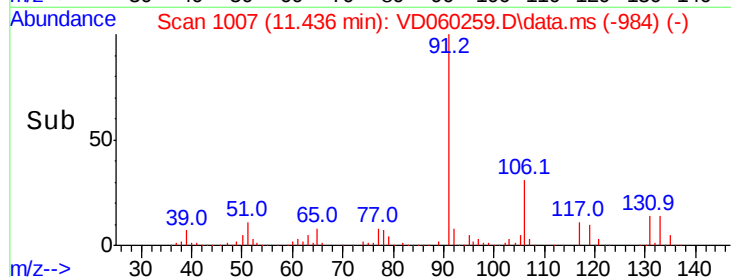
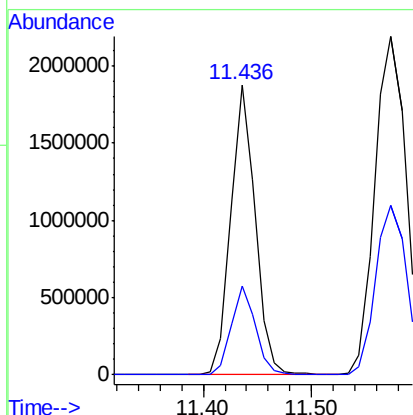
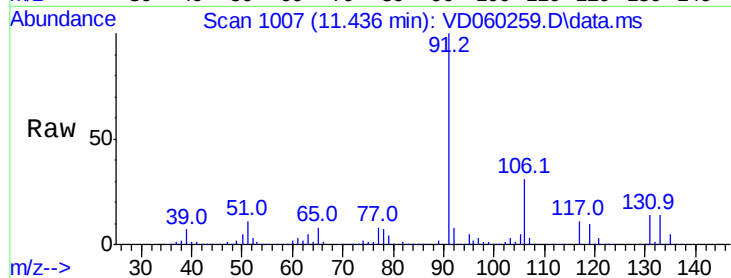




#67
Ethyl Benzene
Concen: 47.29 ug/l
RT: 11.436 min Scan# 1005
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

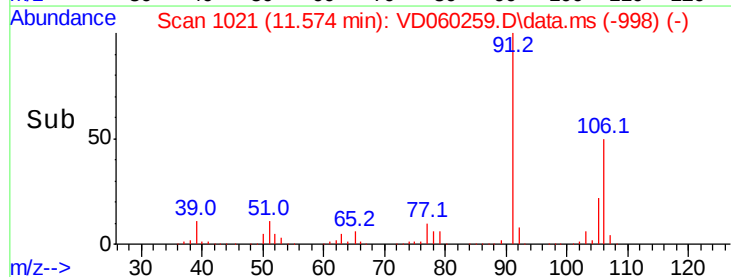
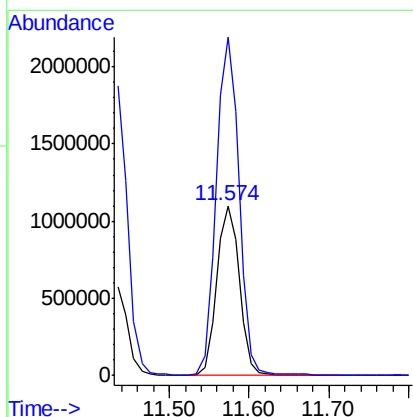
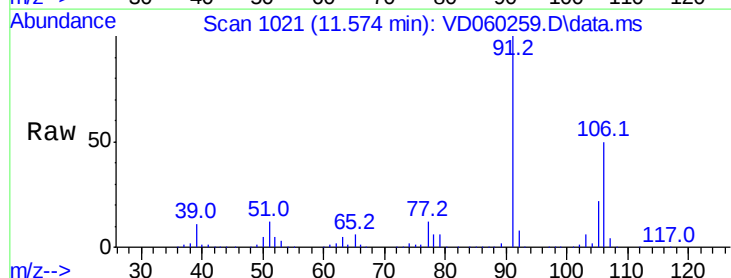
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

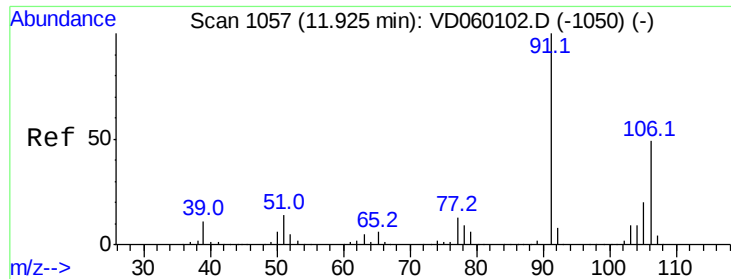
Tot Ion: 91 Resp: 2951373
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 94.18 ug/l
RT: 11.574 min Scan# 1021
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 106 Resp: 2196050
Ion Ratio Lower Upper
106 100
91 199.3 160.0 240.0

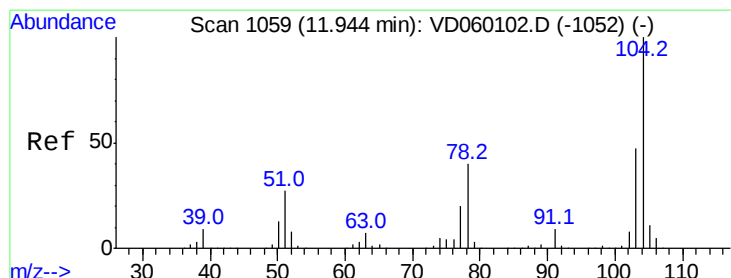
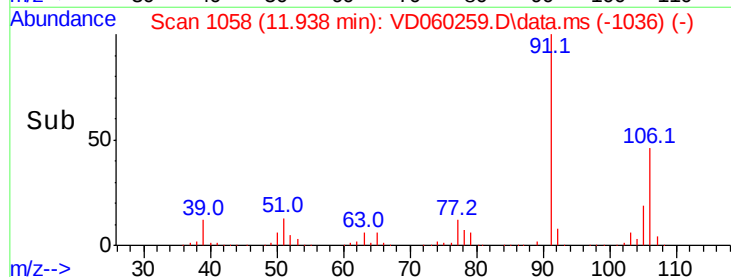
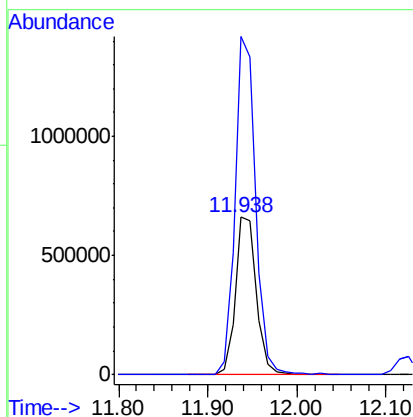
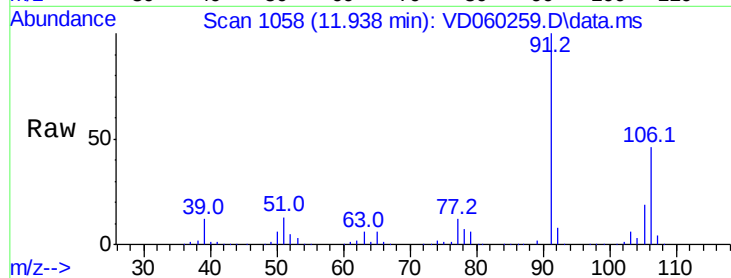




#69
o-Xylene
Concen: 46.68 ug/l
RT: 11.938 min Scan# 1057
Delta R.T. 0.013 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

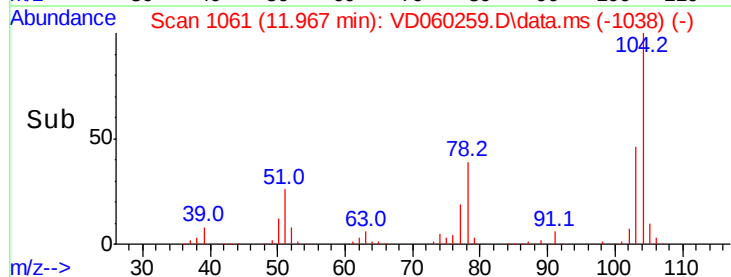
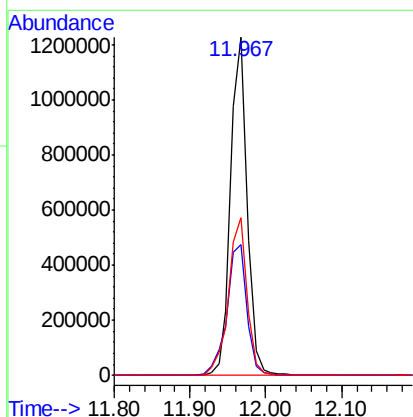
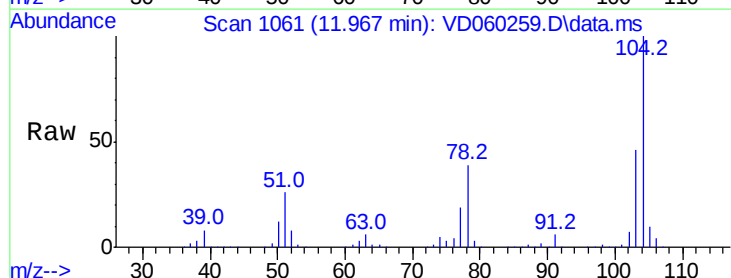
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

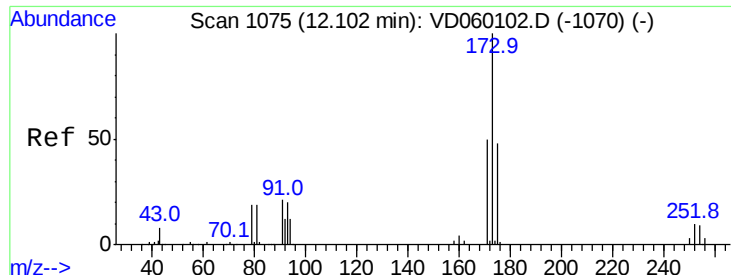
Tot Ion:106 Resp: 1076677
Ion Ratio Lower Upper
106 100
91 215.1 102.5 307.5



#70
Styrene
Concen: 47.63 ug/l
RT: 11.967 min Scan# 1061
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion:104 Resp: 1837102
Ion Ratio Lower Upper
104 100
78 38.7 32.2 48.4
103 46.5 37.4 56.0





#71

Bromoform

Concen: 48.55 ug/l

RT: 12.125 min Scan# 1075

Delta R.T. 0.023 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

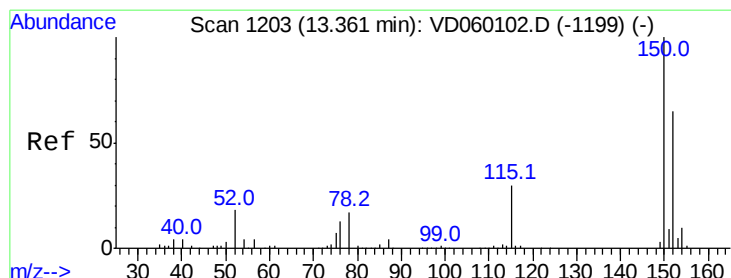
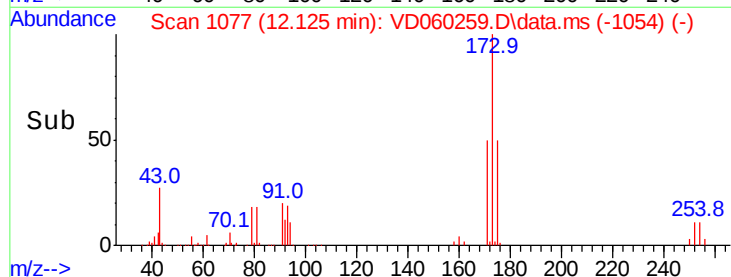
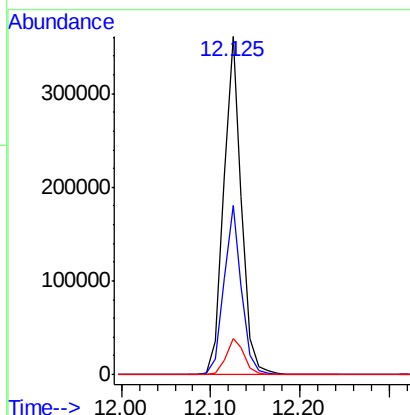
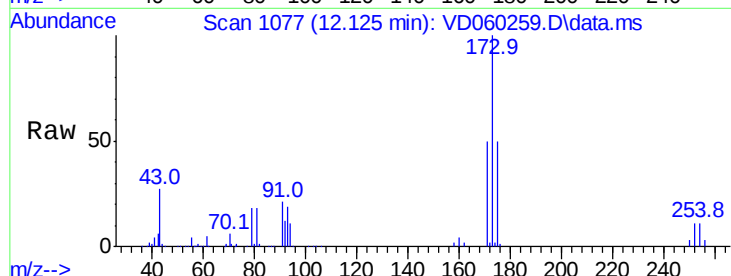
Tot Ion:173 Resp: 505218

Ion Ratio Lower Upper

173 100

175 50.0 24.1 72.4

254 10.7 7.4 11.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.384 min Scan# 1205

Delta R.T. 0.023 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

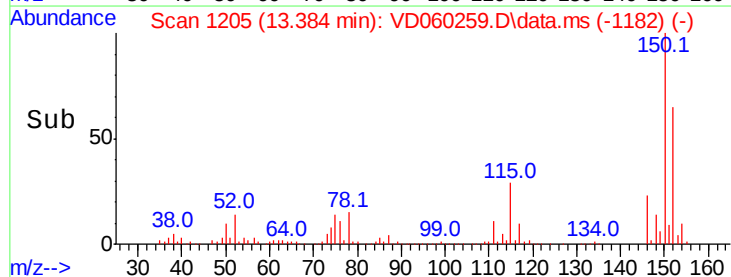
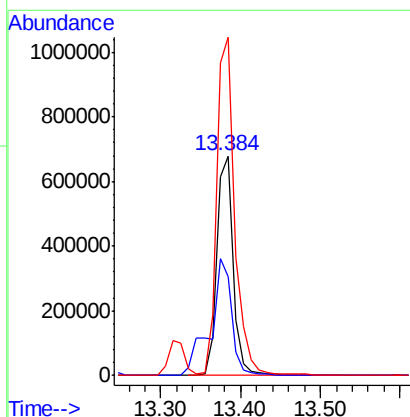
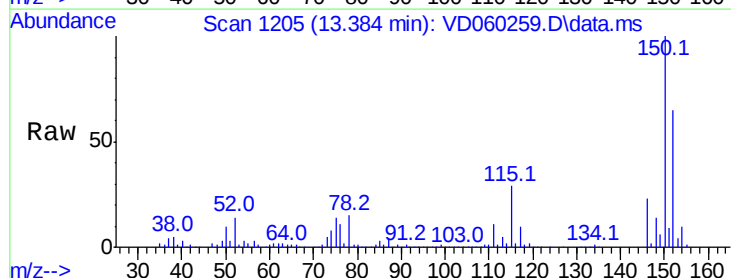
Tgt Ion:152 Resp: 979781

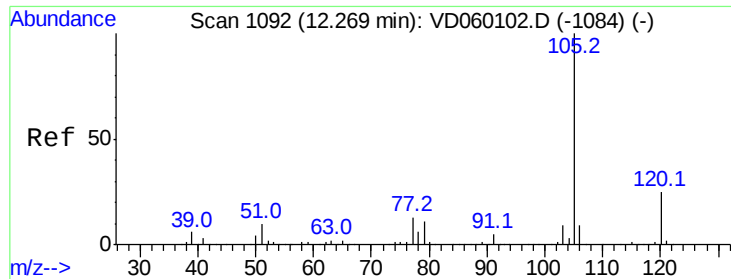
Ion Ratio Lower Upper

152 100

115 45.0 27.1 81.2

150 154.2 0.0 311.8





#73

Isopropylbenzene

Concen: 46.62 ug/l

RT: 12.282 min Scan# 10

Delta R.T. 0.013 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

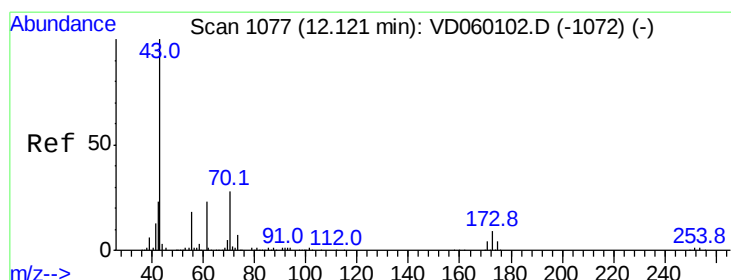
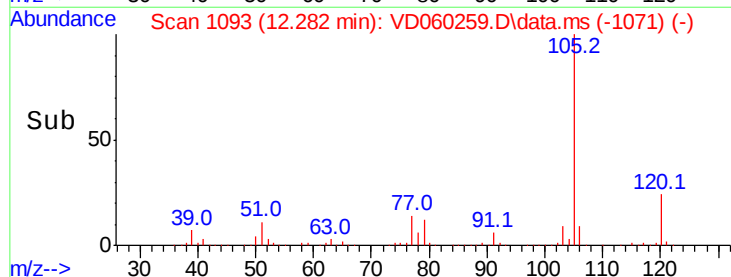
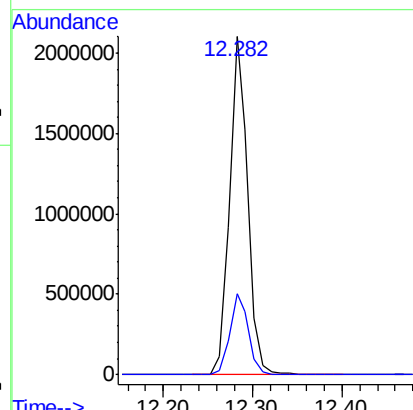
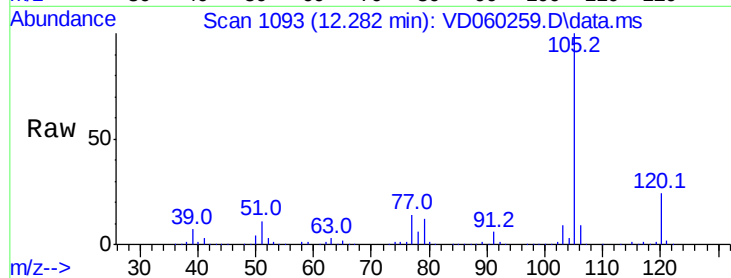
VSTDCCC050

Tot Ion:105 Resp: 3013247

Ion Ratio Lower Upper

105 100

120 23.8 12.6 37.6



#74

N-ethyl acetate

Concen: 44.52 ug/l

RT: 12.144 min Scan# 1079

Delta R.T. 0.023 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Tgt Ion: 43 Resp: 1054064

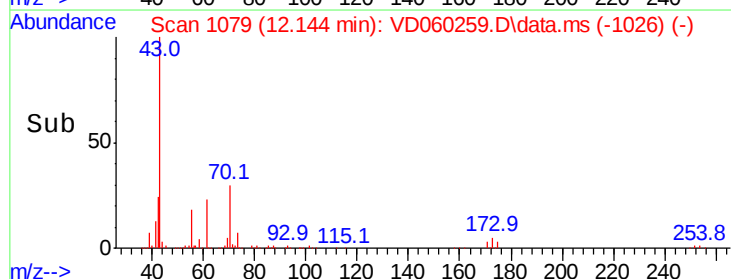
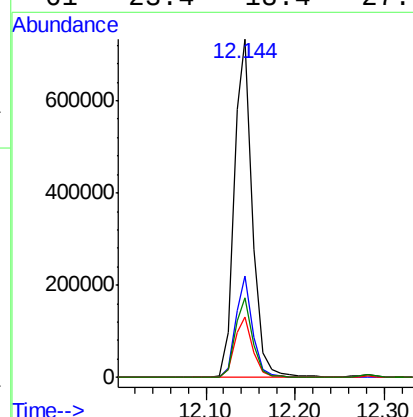
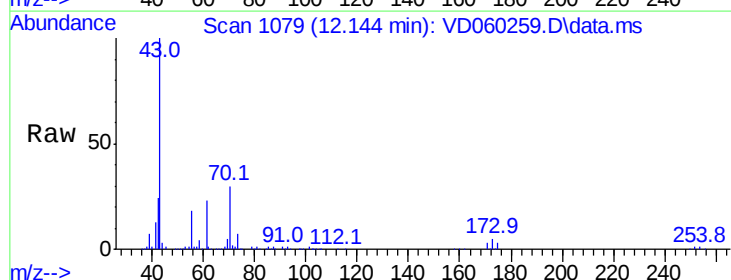
Ion Ratio Lower Upper

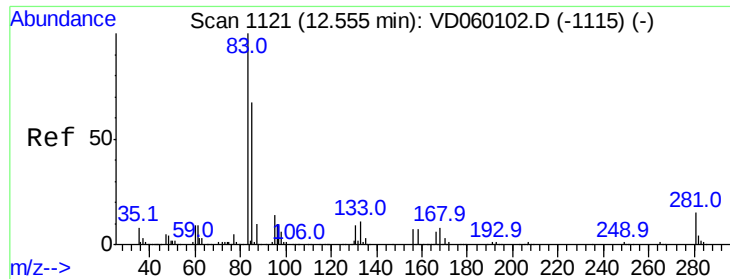
43 100

70 30.0 22.1 33.1

55 17.8 14.1 21.1

61 23.4 18.4 27.6

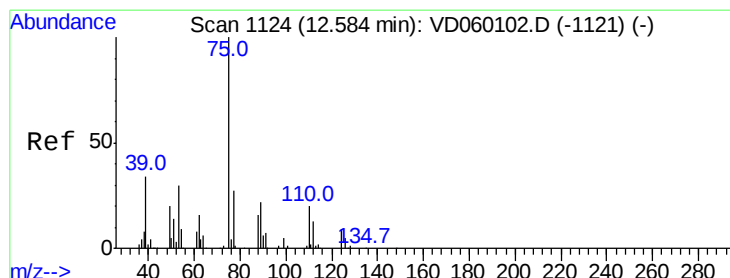
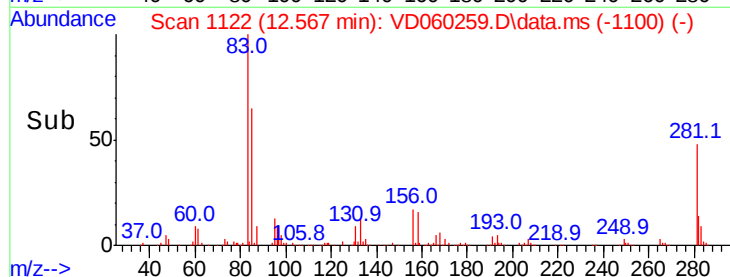
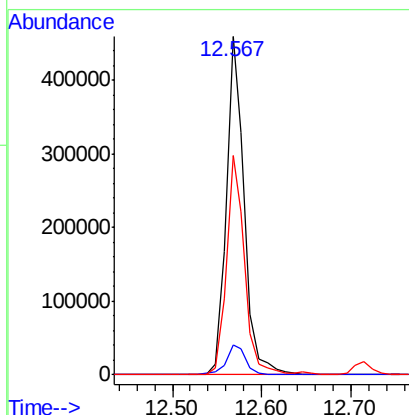
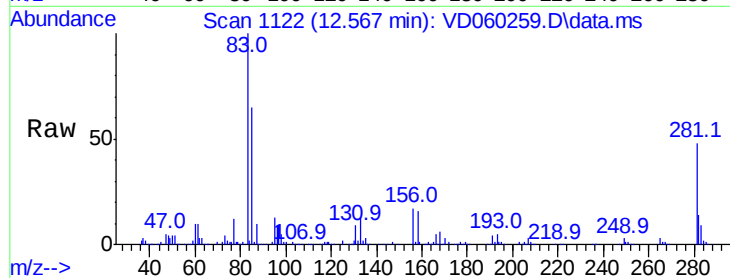




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.12 ug/l
 RT: 12.567 min Scan# 111
 Delta R.T. 0.013 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

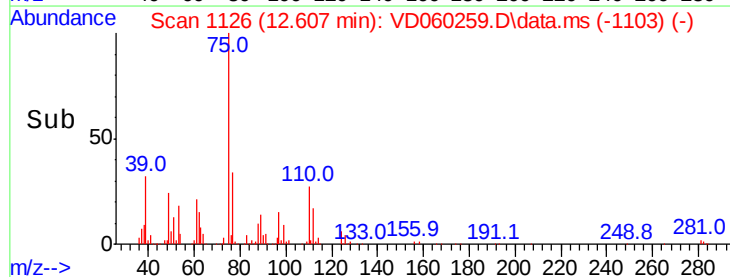
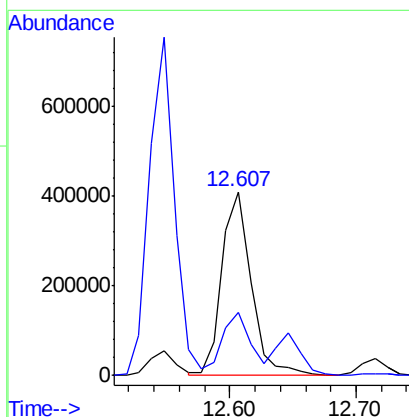
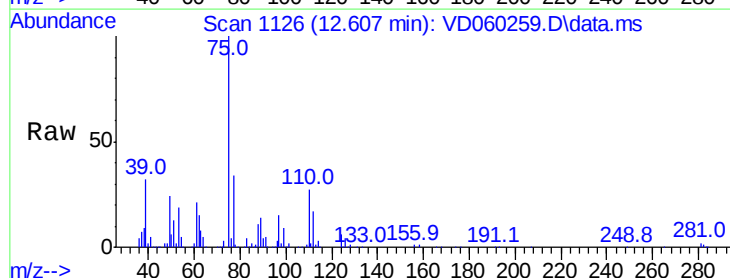
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

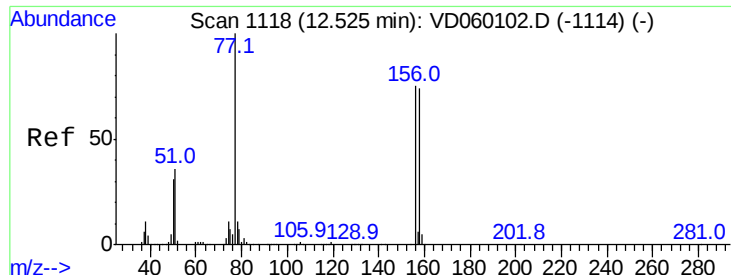
Tot Ion: 83 Resp: 650841
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.5 13.4
 85 64.8 33.3 99.9



#76
 1,2,3-Trichloropropane
 Concen: 46.34 ug/l
 RT: 12.607 min Scan# 1126
 Delta R.T. 0.023 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion: 75 Resp: 653836
 Ion Ratio Lower Upper
 75 100
 77 34.0 16.3 48.9

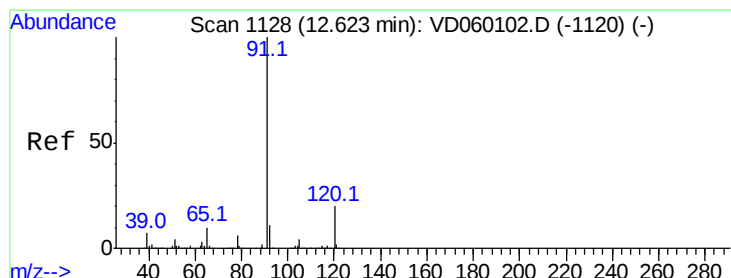
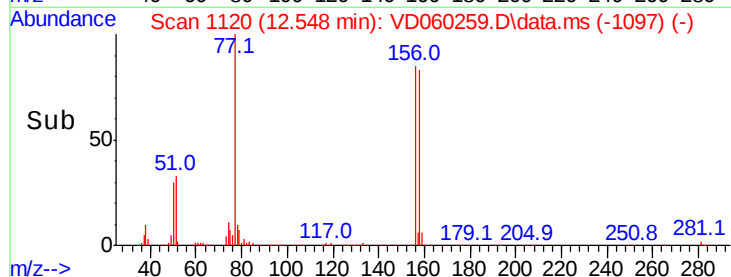
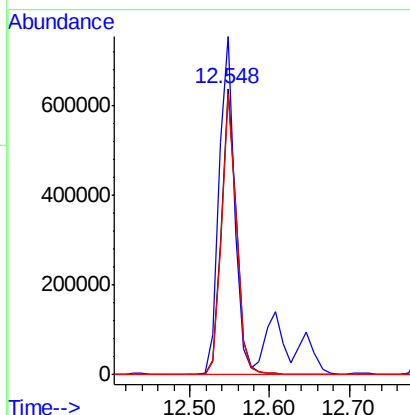
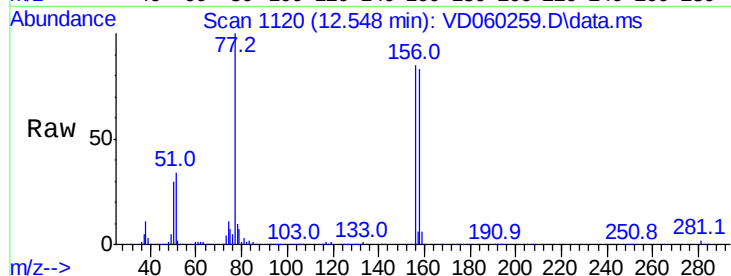




#77
Bromobenzene
Concen: 45.48 ug/l
RT: 12.548 min Scan# 1118
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

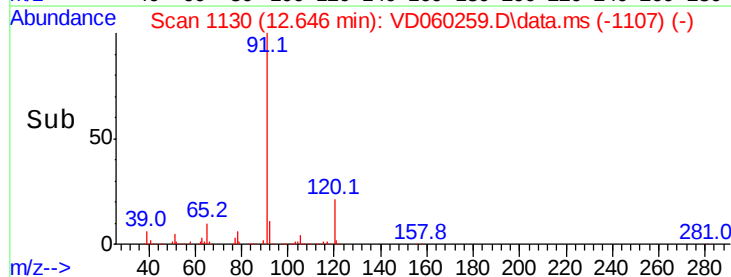
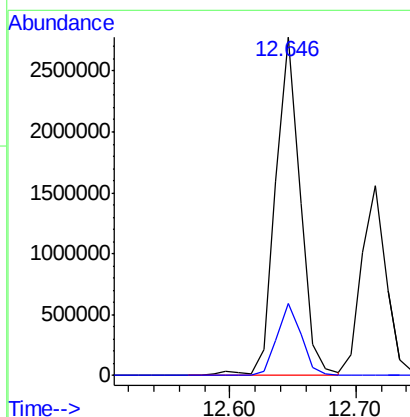
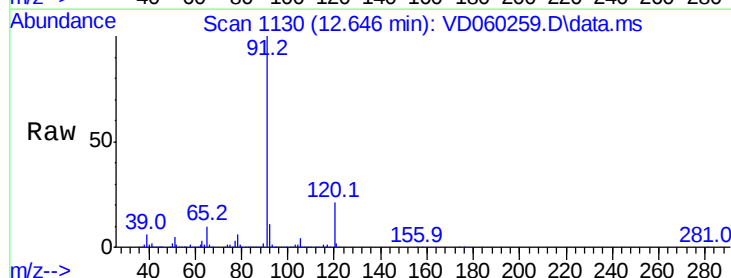
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

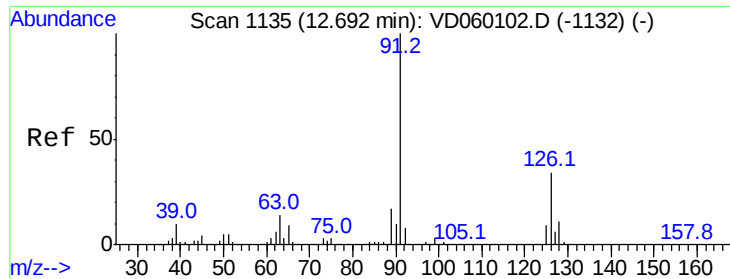
Tot Ion:156 Resp: 854243
Ion Ratio Lower Upper
156 100
77 118.3 66.9 200.7
158 98.3 49.1 147.4



#78
n-propylbenzene
Concen: 47.01 ug/l
RT: 12.646 min Scan# 1130
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 91 Resp: 3773245
Ion Ratio Lower Upper
91 100
120 21.2 10.0 30.0

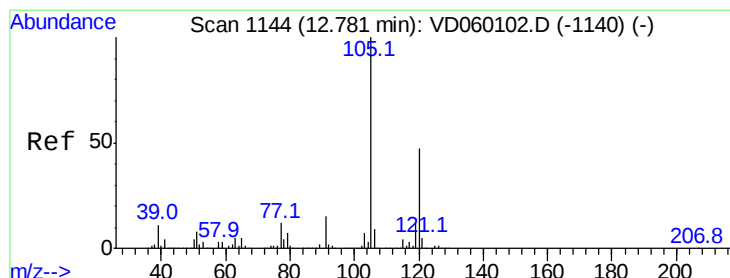
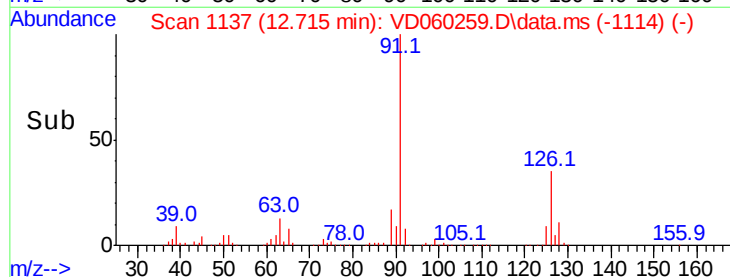
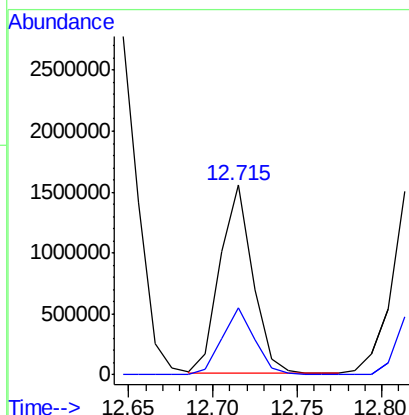
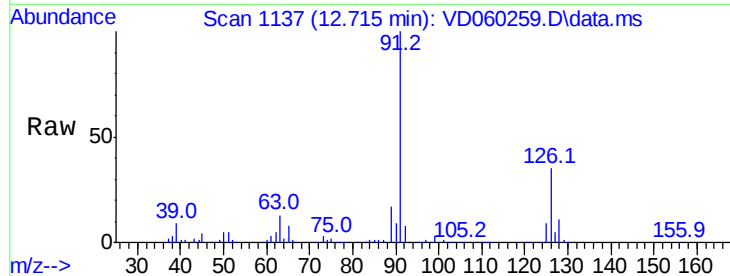




#79
2-Chlorotoluene
Concen: 46.84 ug/l
RT: 12.715 min Scan# 1135
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

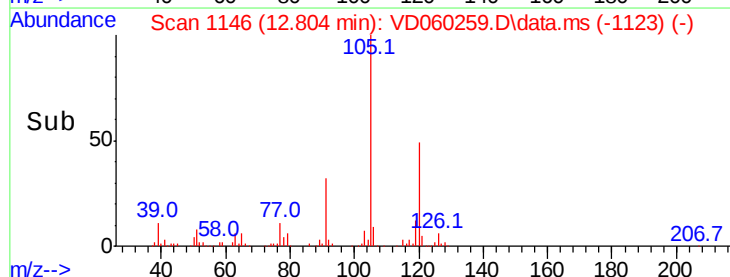
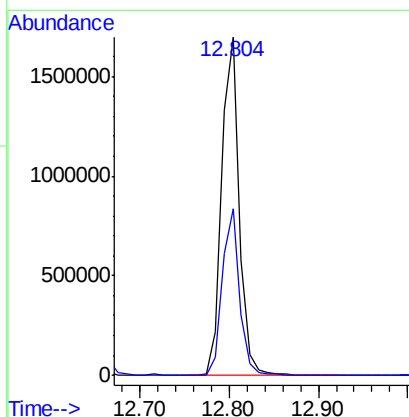
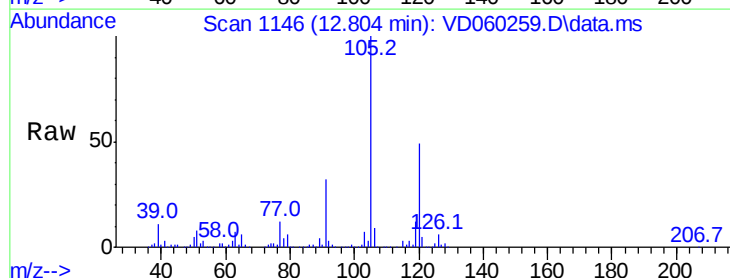
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

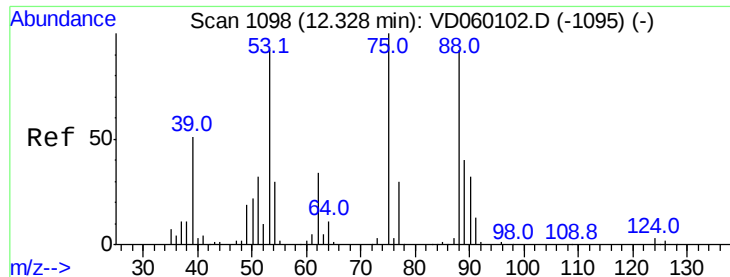
Tot Ion: 91 Resp: 2086735
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 46.91 ug/l
RT: 12.804 min Scan# 1146
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 105 Resp: 2346728
Ion Ratio Lower Upper
105 100
120 49.2 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 45.47 ug/l

RT: 12.351 min Scan# 11

Delta R.T. 0.023 min

Lab File: VD060259.D

Acq: 1 Nov 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

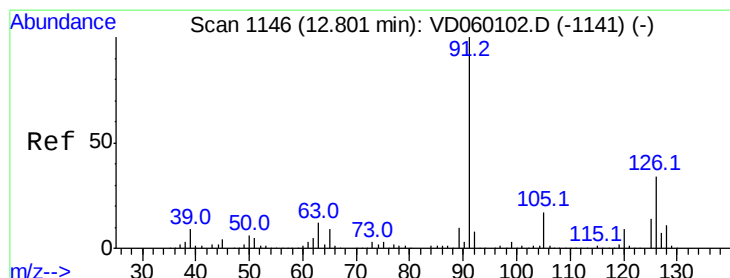
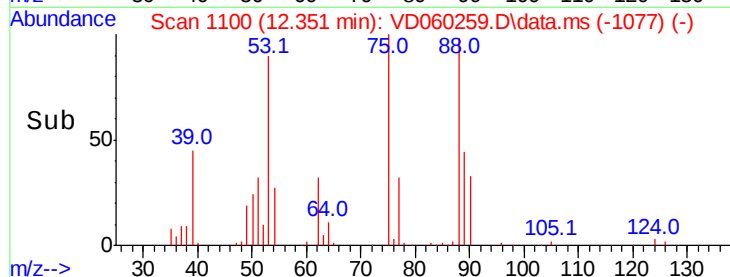
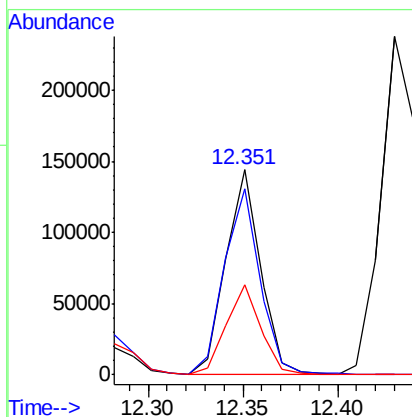
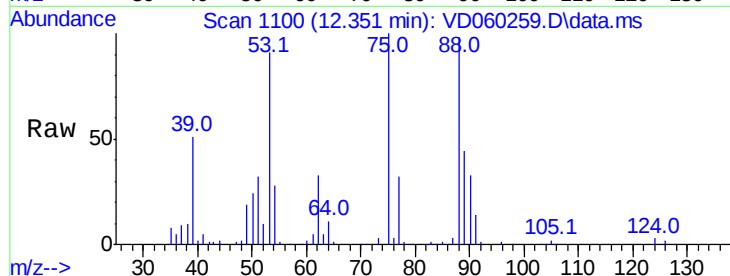
Tot Ion: 75 Resp: 180292

Ion Ratio Lower Upper

75 100

53 90.7 73.0 109.6

89 44.2 32.0 48.0



#82

4-Chlorotoluene

Concen: 46.71 ug/l

RT: 12.813 min Scan# 1147

Delta R.T. 0.013 min

Lab File: VD060259.D

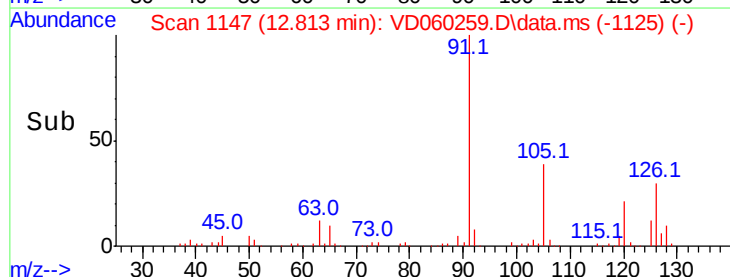
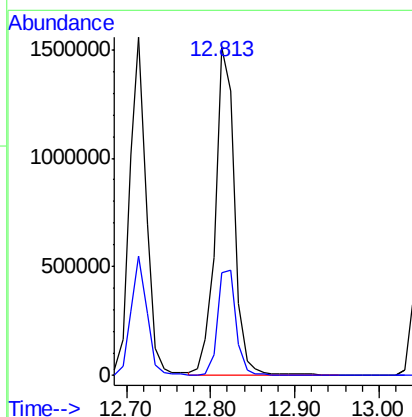
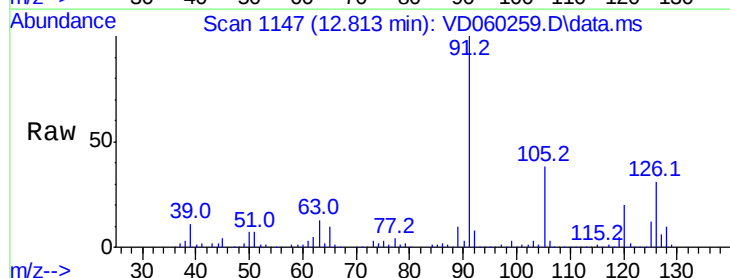
Acq: 1 Nov 2018 13:21

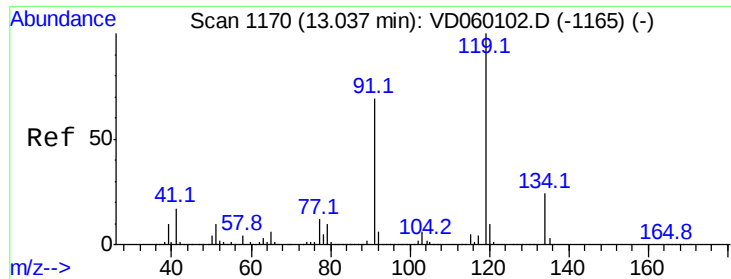
Tgt Ion: 91 Resp: 2353640

Ion Ratio Lower Upper

91 100

126 31.2 17.1 51.2

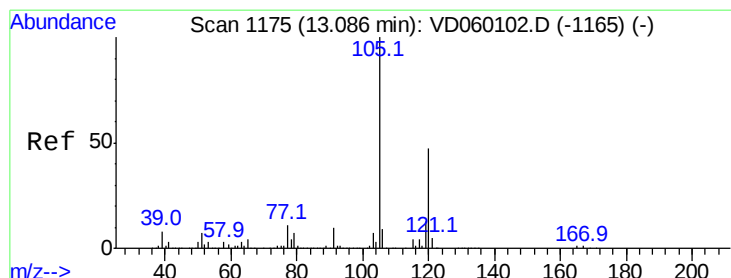
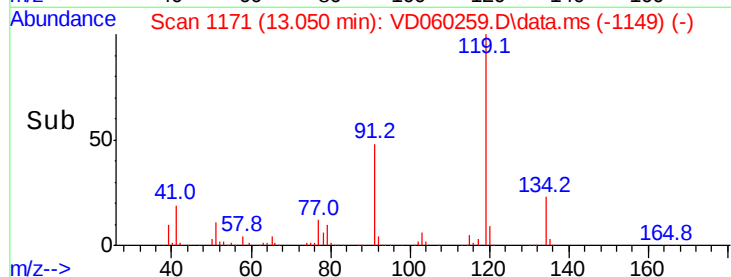
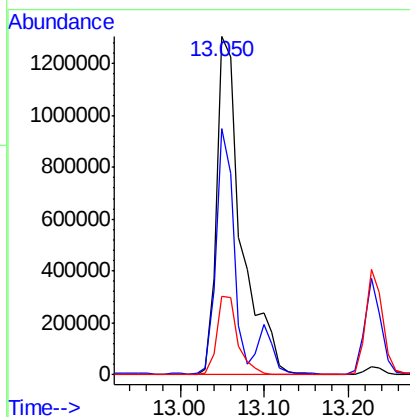
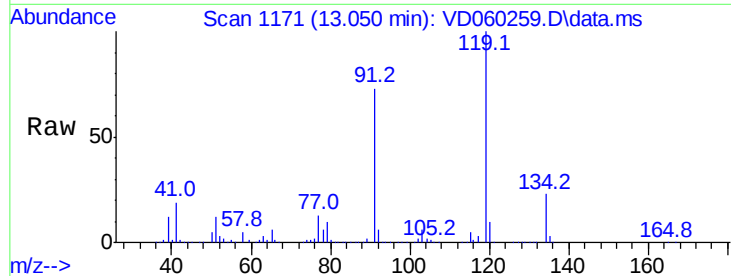




#83
 tert-Butylbenzene
 Concen: 46.77 ug/l
 RT: 13.050 min Scan# 1170
 Delta R.T. 0.013 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

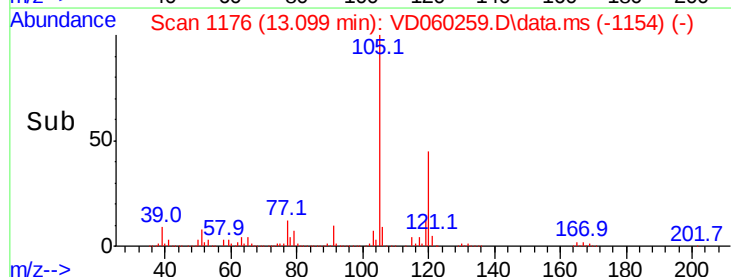
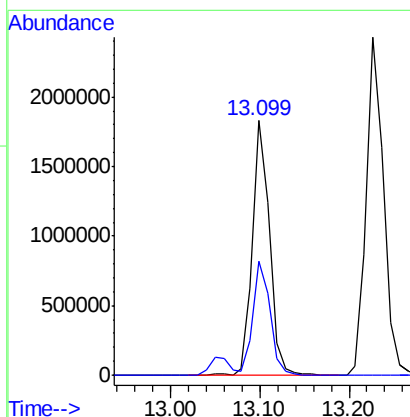
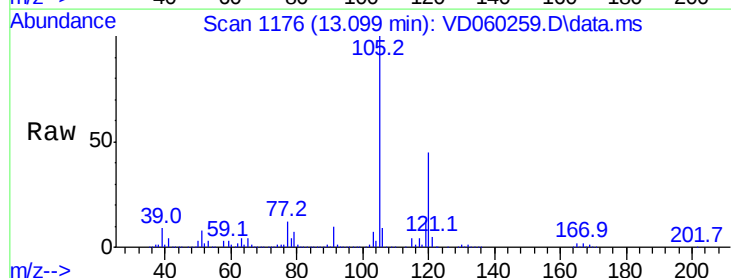
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

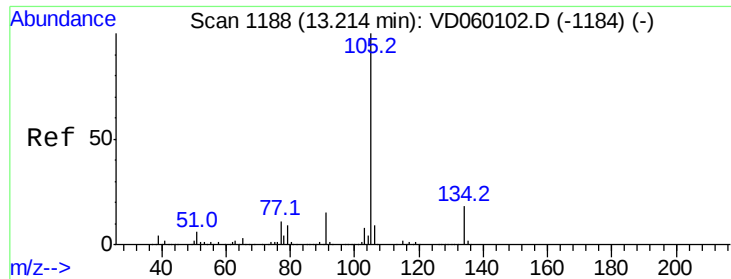
Tot Ion:119 Resp: 2684976
 Ion Ratio Lower Upper
 119 100
 91 72.9 34.8 104.4
 134 23.2 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 45.70 ug/l
 RT: 13.099 min Scan# 1176
 Delta R.T. 0.013 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion:105 Resp: 2409708
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.4 70.0

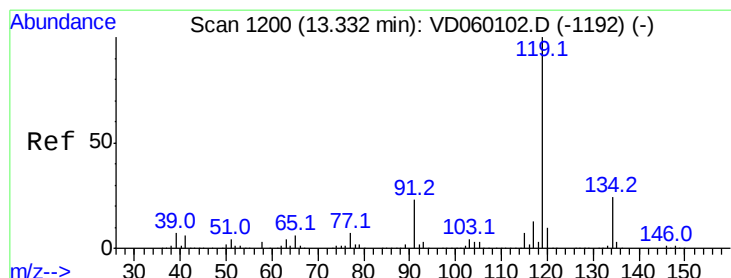
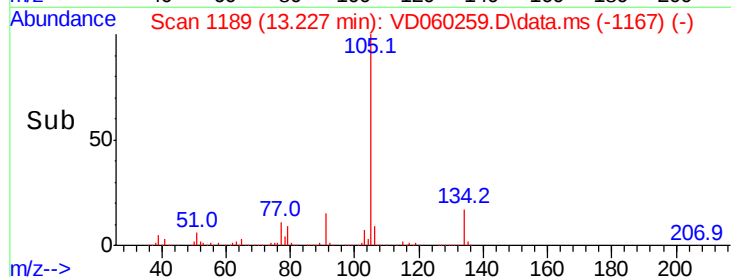
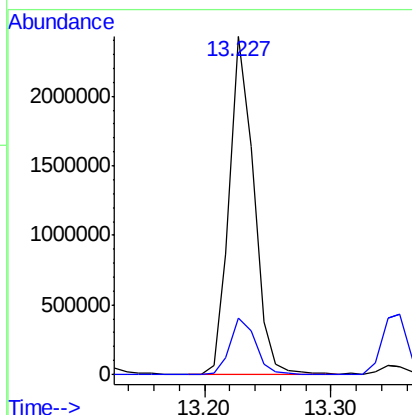
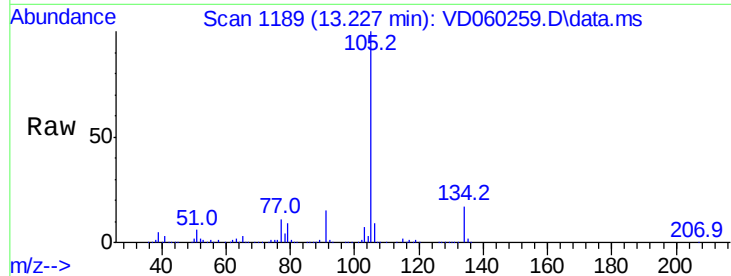




#85
 sec-Butylbenzene
 Concen: 47.75 ug/l
 RT: 13.227 min Scan# 1188
 Delta R.T. 0.013 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

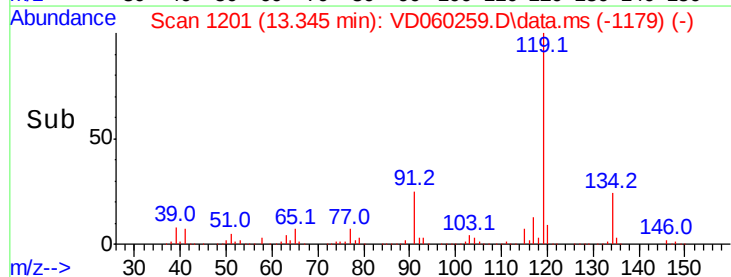
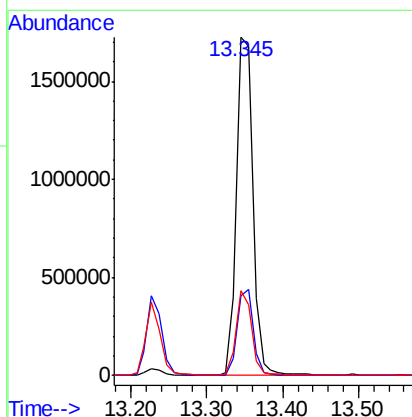
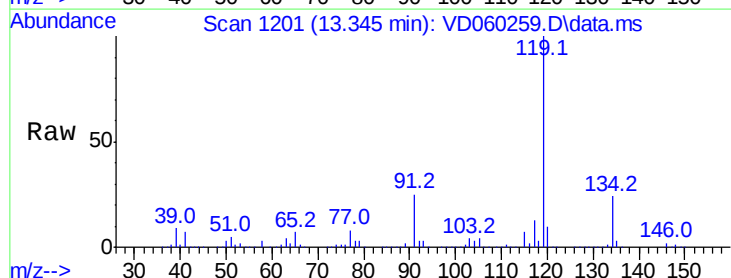
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

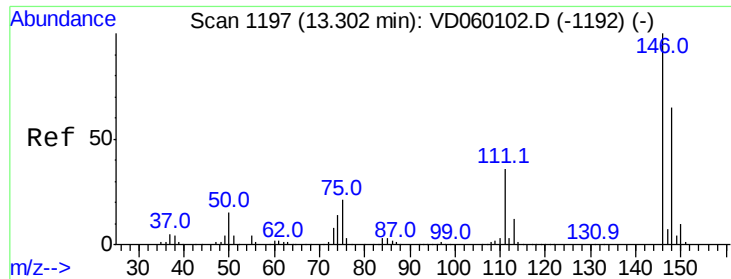
Tot Ion:105 Resp: 3241412
 Ion Ratio Lower Upper
 105 100
 134 16.7 8.8 26.2



#86
 p-Isopropyltoluene
 Concen: 46.08 ug/l
 RT: 13.345 min Scan# 1201
 Delta R.T. 0.013 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion:119 Resp: 2565268
 Ion Ratio Lower Upper
 119 100
 134 23.6 12.3 36.8
 91 25.2 11.8 35.4

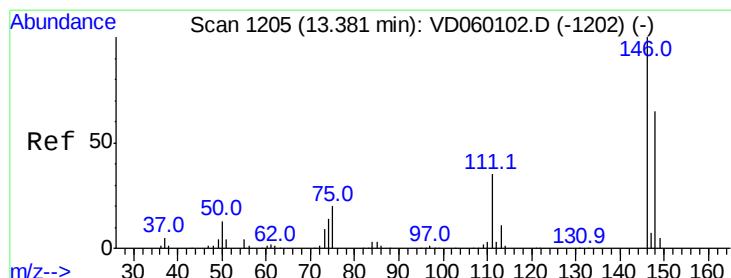
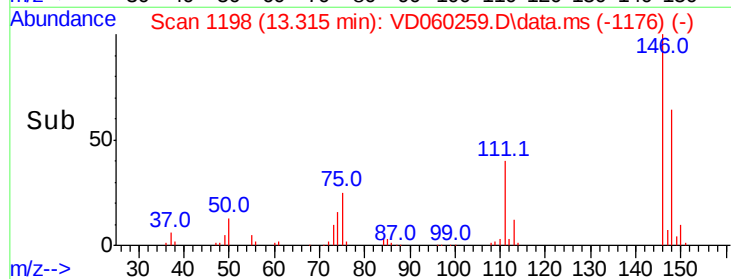
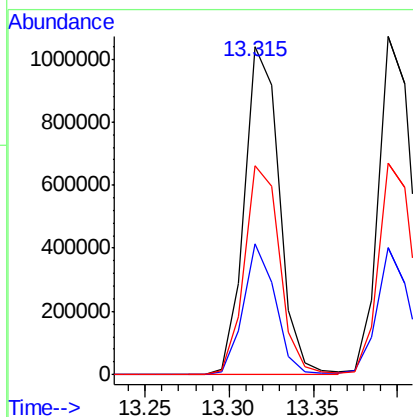
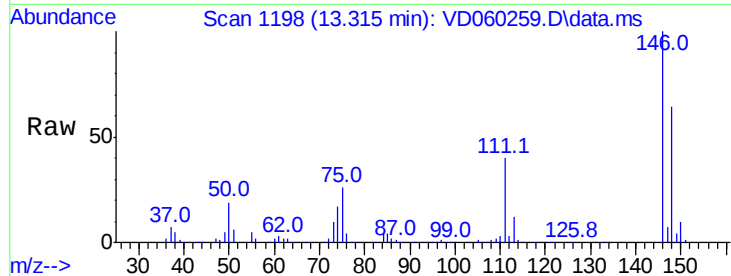




#87
 1,3-Dichlorobenzene
 Concen: 45.51 ug/l
 RT: 13.315 min Scan# 1197
 Delta R.T. 0.013 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

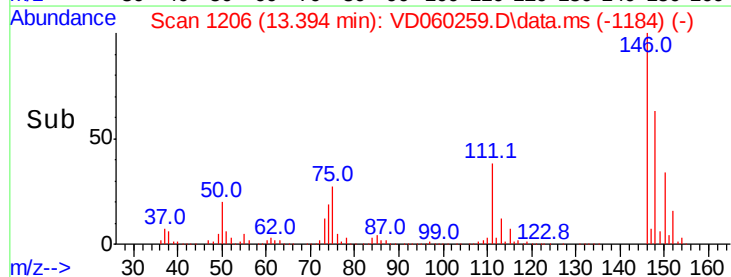
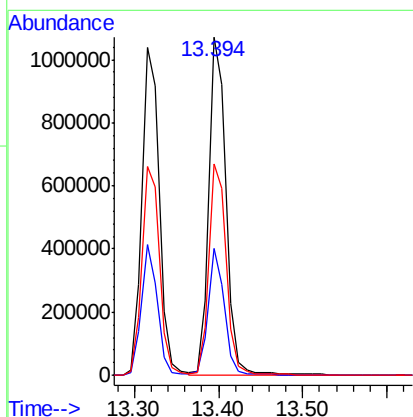
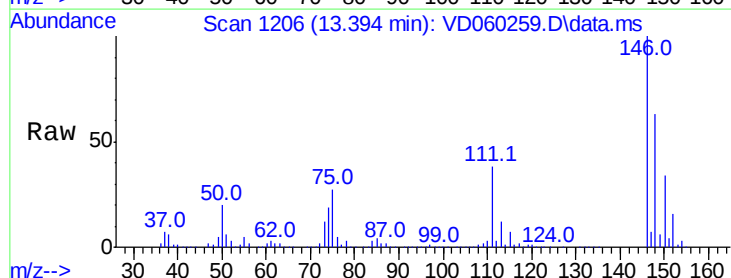
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

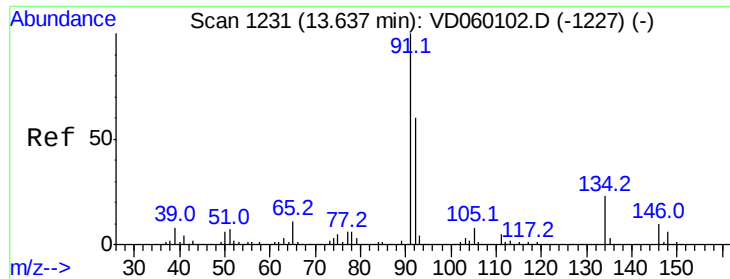
Tot Ion:146 Resp: 1489465
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.1 54.3
 148 63.6 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 45.98 ug/l
 RT: 13.394 min Scan# 1206
 Delta R.T. 0.013 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion:146 Resp: 1511429
 Ion Ratio Lower Upper
 146 100
 111 37.5 17.8 53.3
 148 62.6 32.4 97.2

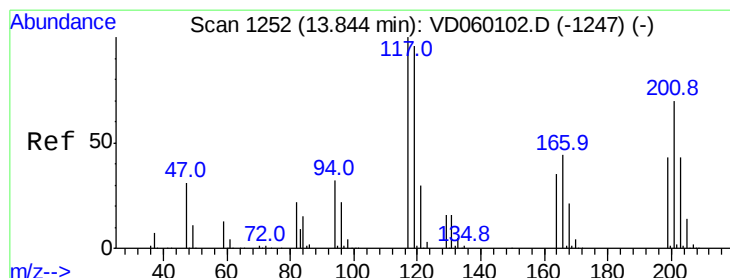
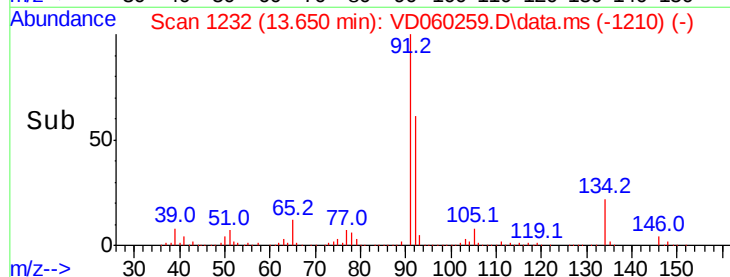
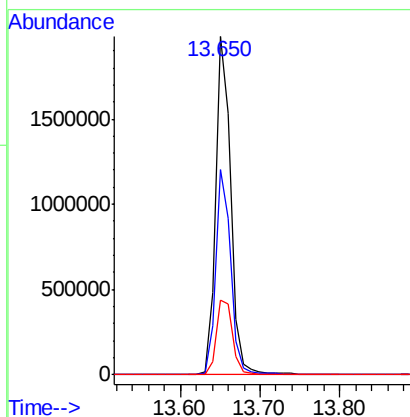
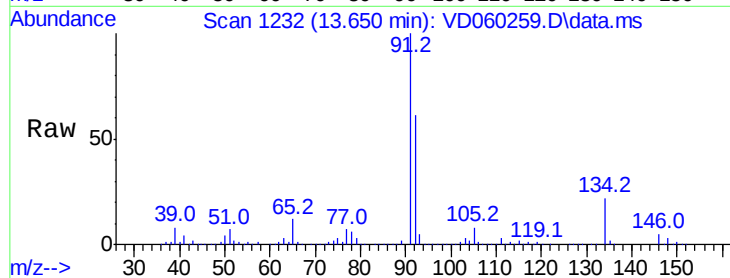




#89
n-Butylbenzene
Concen: 48.72 ug/l
RT: 13.650 min Scan# 1231
Delta R.T. 0.013 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

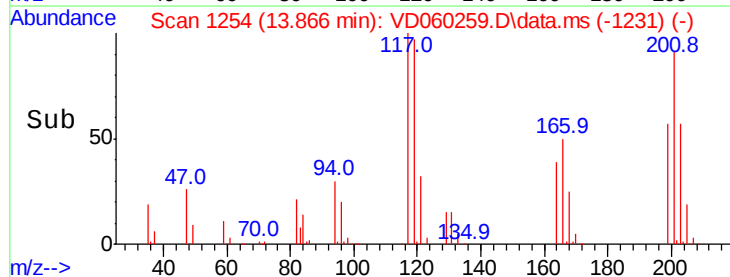
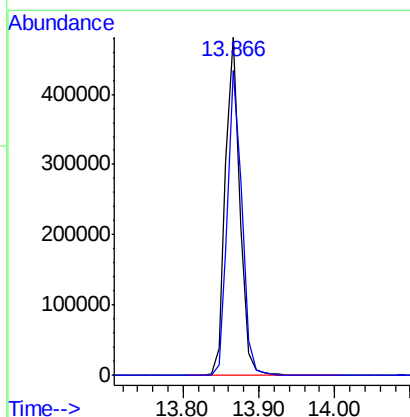
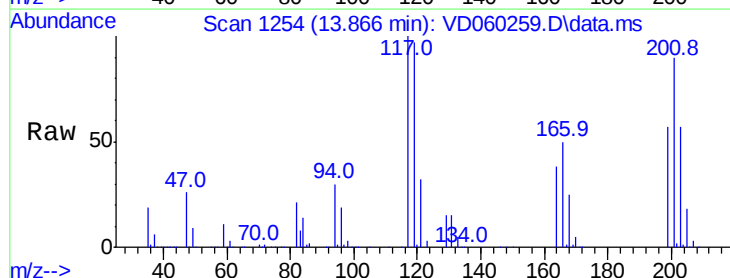
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

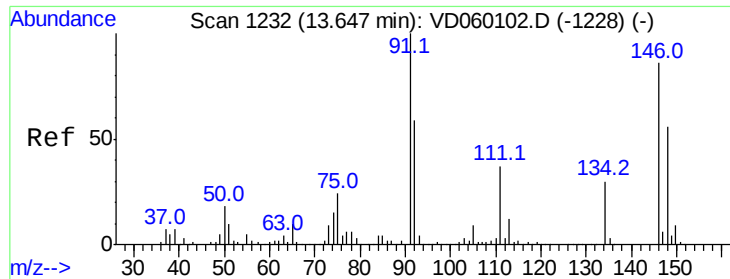
Tot Ion: 91 Resp: 2646753
Ion Ratio Lower Upper
91 100
92 60.5 30.1 90.3
134 21.9 11.6 34.7



#90
Hexachloroethane
Concen: 49.68 ug/l
RT: 13.866 min Scan# 1254
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion: 117 Resp: 640093
Ion Ratio Lower Upper
117 100
201 90.0 34.8 104.5



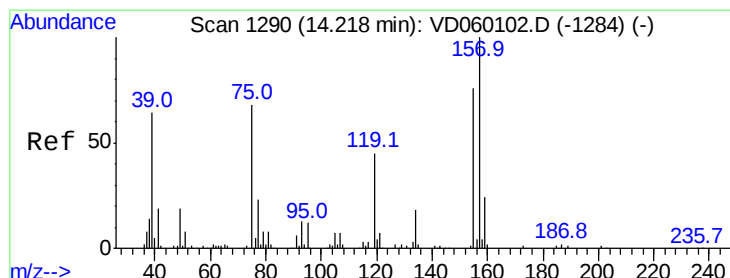
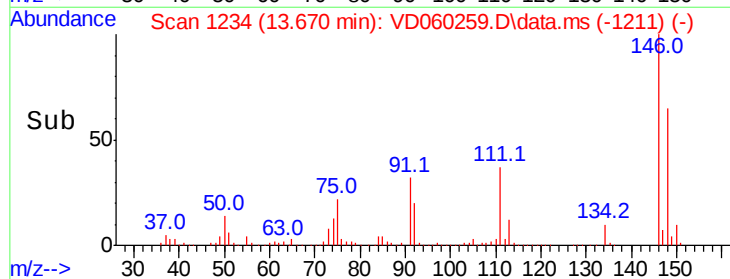
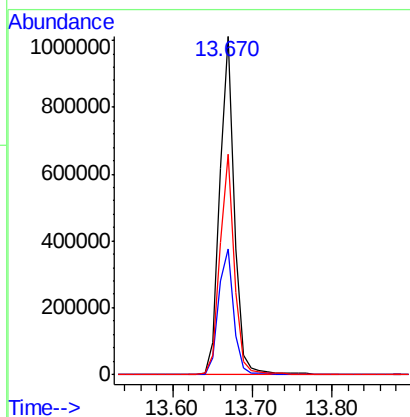
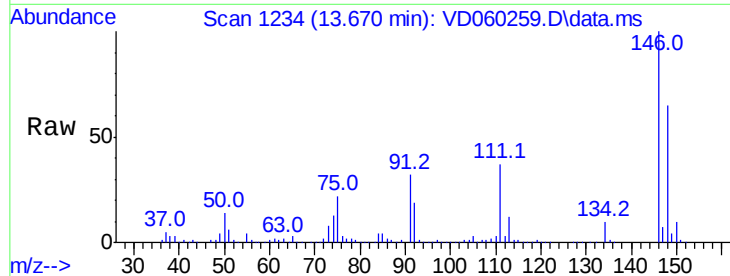


#91
 1,2-Dichlorobenzene
 Concen: 47.33 ug/l
 RT: 13.670 min Scan# 1232
 Delta R.T. 0.023 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 1302479

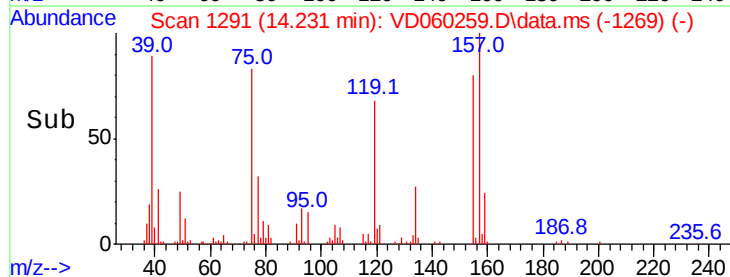
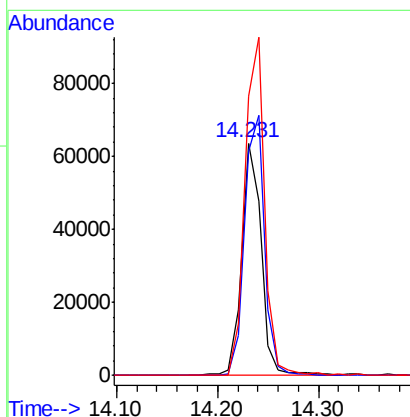
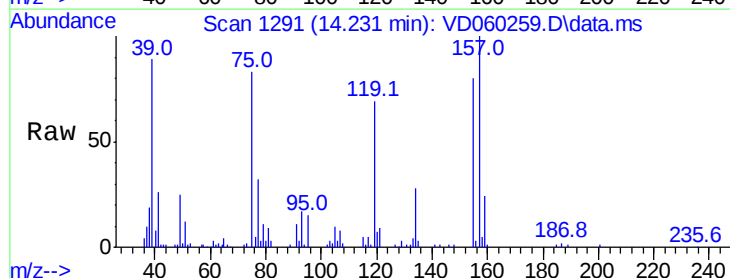
Ion	Ratio	Lower	Upper
146	100		
111	37.1	21.4	64.3
148	65.1	32.2	96.6

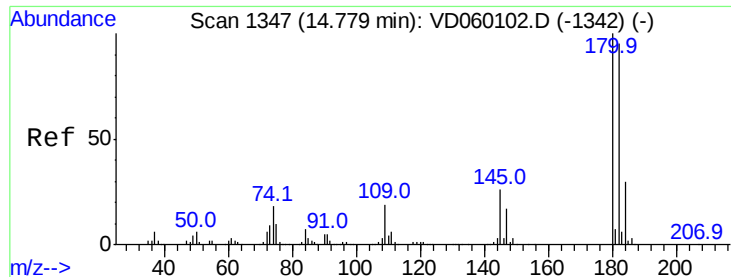


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.33 ug/l
 RT: 14.231 min Scan# 1291
 Delta R.T. 0.013 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion: 75 Resp: 85402

Ion	Ratio	Lower	Upper
75	100		
155	96.6	55.9	167.7
157	120.2	73.3	219.8

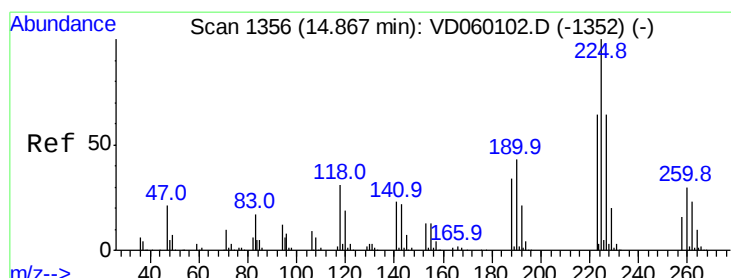
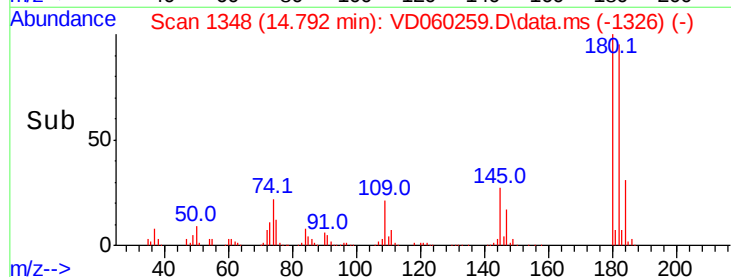
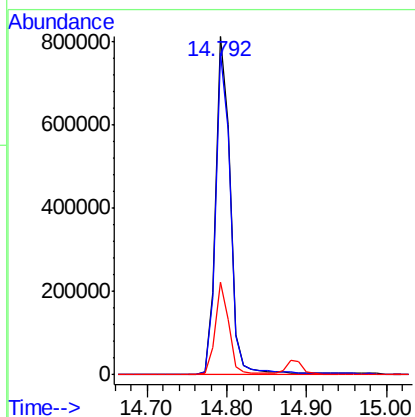
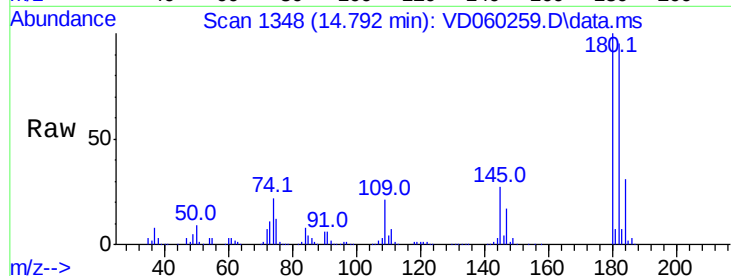




#93
 1,2,4-Trichlorobenzene
 Concen: 45.87 ug/l
 RT: 14.792 min Scan# 1347
 Delta R.T. 0.013 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

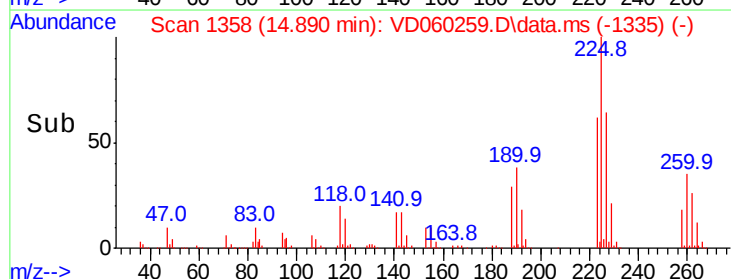
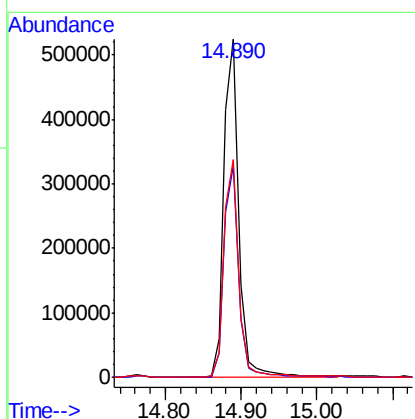
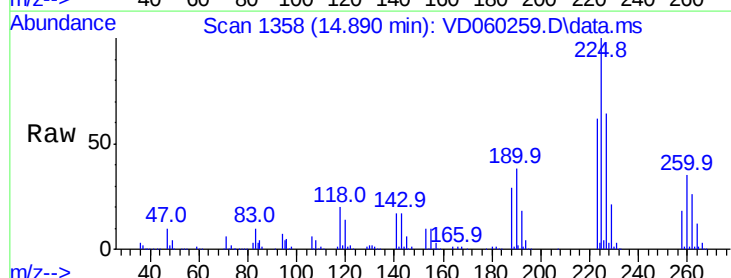
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

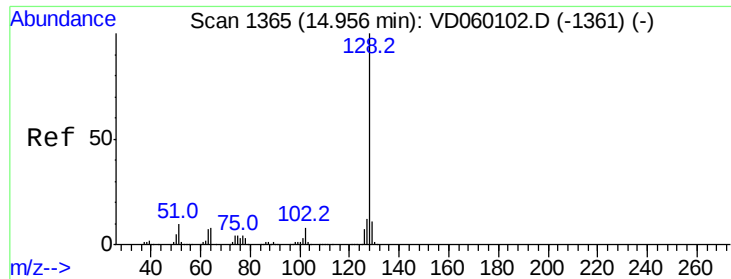
Tot Ion:180 Resp: 1071273
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 141.8
 145 27.1 13.0 38.9



#94
 Hexachlorobutadiene
 Concen: 46.72 ug/l
 RT: 14.890 min Scan# 1358
 Delta R.T. 0.023 min
 Lab File: VD060259.D
 Acq: 1 Nov 2018 13:21

Tgt Ion:225 Resp: 725362
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.8 95.4
 227 64.5 32.0 96.0

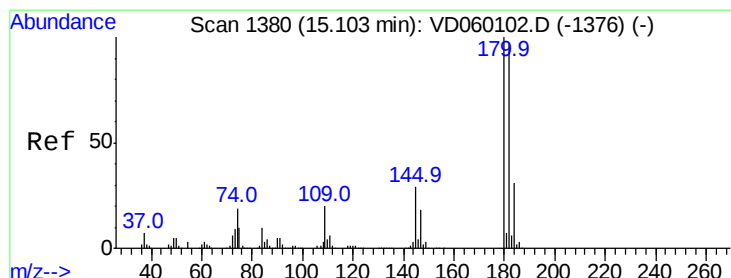
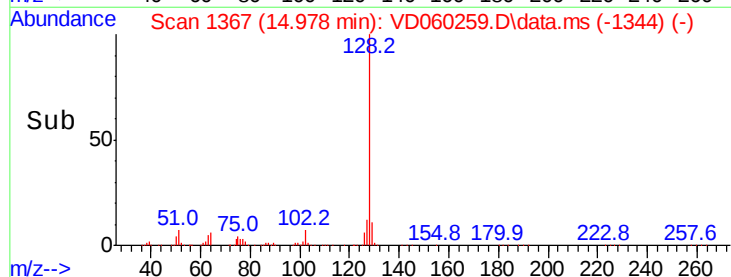
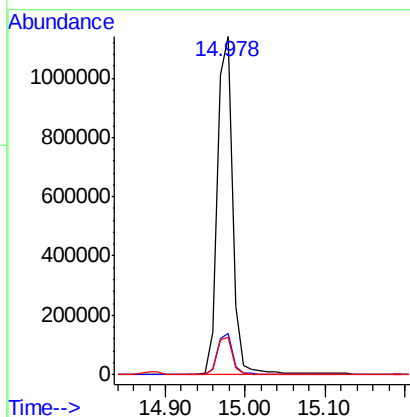
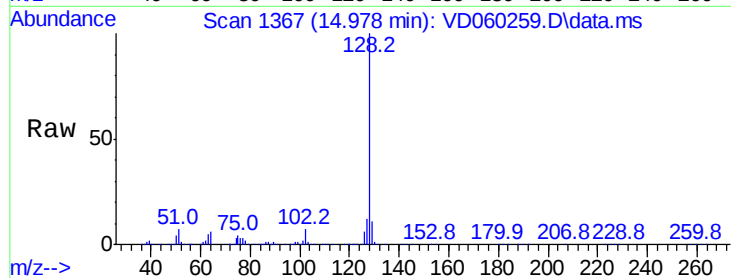




#95
Naphthalene
Concen: 45.09 ug/l
RT: 14.978 min Scan# 1365
Delta R.T. 0.023 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1560868
Ion Ratio Lower Upper
128 100
127 12.2 9.9 14.9
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.68 ug/l
RT: 15.116 min Scan# 1381
Delta R.T. 0.013 min
Lab File: VD060259.D
Acq: 1 Nov 2018 13:21

Tgt Ion:180 Resp: 907863
Ion Ratio Lower Upper
180 100
182 95.8 48.4 145.0
145 30.2 14.5 43.6

