

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080015.D
 Acq On : 14 Nov 2024 19:49
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 05:56:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 05:52:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	227638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	354140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	176457	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	207566	88.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.900%#	
35) Dibromofluoromethane	7.810	113	215046	90.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 181.660%#	
50) Toluene-d8	10.269	98	845419	94.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 188.760%#	
62) 4-Bromofluorobenzene	12.575	95	282236	93.939	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 187.880%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	157159	83.047	ug/l	97
3) Chloromethane	2.152	50	122026	87.782	ug/l	93
4) Vinyl Chloride	2.287	62	136246	83.617	ug/l	96
5) Bromomethane	2.687	94	137625	69.718	ug/l	100
6) Chloroethane	2.840	64	90515	81.878	ug/l	95
7) Trichlorofluoromethane	3.175	101	321011	82.293	ug/l	90
8) Diethyl Ether	3.593	74	107991	100.167	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	207655	84.343	ug/l	99
10) Methyl Iodide	4.163	142	287677	94.674	ug/l	99
11) Tert butyl alcohol	5.058	59	53743	447.331	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	216968	91.839	ug/l	95
13) Acrolein	3.799	56	125521	570.898	ug/l	99
14) Allyl chloride	4.563	41	318947	99.578	ug/l	98
15) Acrylonitrile	5.258	53	235465	510.642	ug/l	99
16) Acetone	4.022	43	323382	513.022	ug/l	99
17) Carbon Disulfide	4.275	76	700569	90.005	ug/l	100
18) Methyl Acetate	4.563	43	106769	98.111	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	480732	101.520	ug/l	99
20) Methylene Chloride	4.805	84	250052	86.025	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	242989	91.803	ug/l	97
22) Diisopropyl ether	6.222	45	655948	97.366	ug/l	97
23) Vinyl Acetate	6.157	43	1948609	514.468	ug/l	99
24) 1,1-Dichloroethane	6.110	63	407199	89.970	ug/l	97
25) 2-Butanone	7.081	43	360034	514.602	ug/l	97
26) 2,2-Dichloropropane	7.081	77	347740	85.905	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	283175	93.134	ug/l	99
28) Bromochloromethane	7.428	49	192869	95.013	ug/l	99
29) Tetrahydrofuran	7.446	42	180129	493.011	ug/l	98
30) Chloroform	7.599	83	431094	85.836	ug/l	98
31) Cyclohexane	7.881	56	333447	87.060	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	360229	85.928	ug/l	100
36) 1,1-Dichloropropene	8.010	75	303389	87.813	ug/l	99
37) Ethyl Acetate	7.169	43	130465	90.924	ug/l	97
38) Carbon Tetrachloride	7.993	117	314177	82.808	ug/l	91
39) Methylcyclohexane	9.275	83	367349	91.163	ug/l	97
40) Benzene	8.251	78	949953	89.004	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	76720	96.305	ug/l	94
42) 1,2-Dichloroethane	8.328	62	242536	86.742	ug/l	100
43) Isopropyl Acetate	8.363	43	242475	92.996	ug/l	99
44) Trichloroethene	9.028	130	241045	87.573	ug/l	95
45) 1,2-Dichloropropane	9.304	63	228088	89.802	ug/l	96
46) Dibromomethane	9.393	93	134444	90.065	ug/l	99
47) Bromodichloromethane	9.587	83	325889	87.091	ug/l	95
48) Methyl methacrylate	9.381	41	117113	100.497	ug/l	99
49) 1,4-Dioxane	9.387	88	27994	1968.303	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	637277	485.000	ug/l	99
52) Toluene	10.334	92	616844	92.811	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	303989	93.699	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	363193	93.418	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	170740	85.664	ug/l	97
56) Ethyl methacrylate	10.598	69	228662	100.907	ug/l	99
57) 1,3-Dichloropropane	10.881	76	289077	89.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	452869	559.630	ug/l	100
59) 2-Hexanone	10.922	43	528686	524.307	ug/l	99
60) Dibromochloromethane	11.075	129	235025	89.036	ug/l	97
61) 1,2-Dibromoethane	11.181	107	168291	89.950	ug/l	100
64) Tetrachloroethene	10.810	164	220152	89.506	ug/l	97
65) Chlorobenzene	11.604	112	670292	89.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	233621	88.018	ug/l	98
67) Ethyl Benzene	11.681	91	1177961	95.323	ug/l	100
68) m/p-Xylenes	11.792	106	926258	190.083	ug/l	99
69) o-Xylene	12.122	106	429993	97.168	ug/l	100
70) Styrene	12.134	104	763058	96.990	ug/l	99
71) Bromoform	12.298	173	133968	89.391	ug/l #	98
73) Isopropylbenzene	12.422	105	1081697	93.315	ug/l	99
74) N-amyl acetate	12.234	43	237673	96.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	194365	86.720	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	250774	166.672	ug/l #	100
77) Bromobenzene	12.698	156	277137	90.798	ug/l	96
78) n-propylbenzene	12.763	91	1332748	92.910	ug/l	99
79) 2-Chlorotoluene	12.845	91	774118	90.796	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	923689	94.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	71380	91.750	ug/l	100
82) 4-Chlorotoluene	12.945	91	812011	89.689	ug/l	99
83) tert-Butylbenzene	13.163	119	801892	94.781	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	950637	95.373	ug/l	99
85) sec-Butylbenzene	13.345	105	1165410	91.962	ug/l	100
86) p-Isopropyltoluene	13.457	119	1013231	94.237	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	551352	87.299	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	537021	84.455	ug/l	100
89) n-Butylbenzene	13.786	91	931105	93.155	ug/l	99
90) Hexachloroethane	14.051	117	201104	85.778	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	478970	86.753	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	28468	83.194	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	311311	91.985	ug/l	100
94) Hexachlorobutadiene	15.198	225	159481	85.867	ug/l	99
95) Naphthalene	15.328	128	569973	100.027	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	273965	93.074	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Nov 15 05:52:29 2024
Response via : Initial Calibration

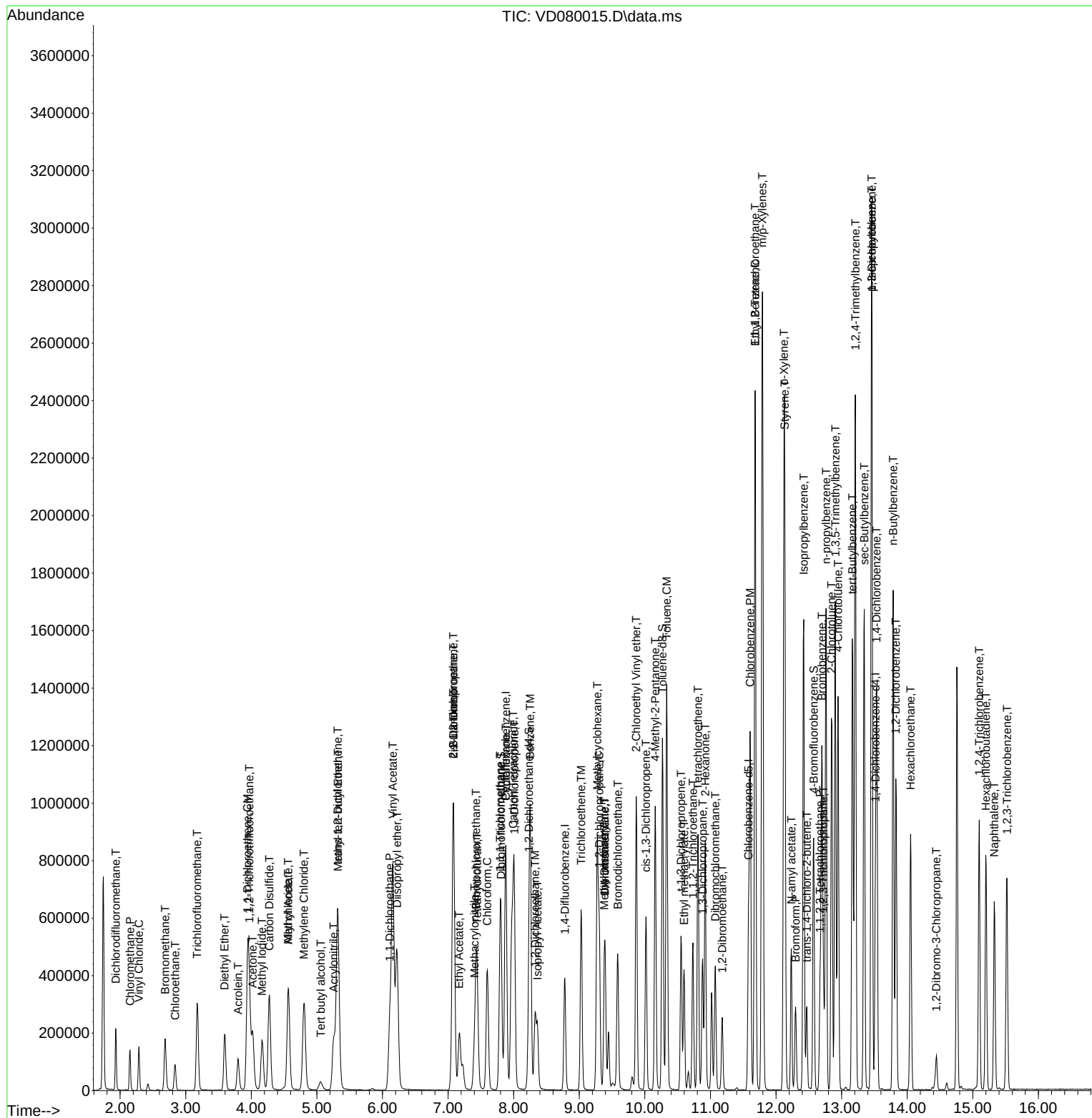
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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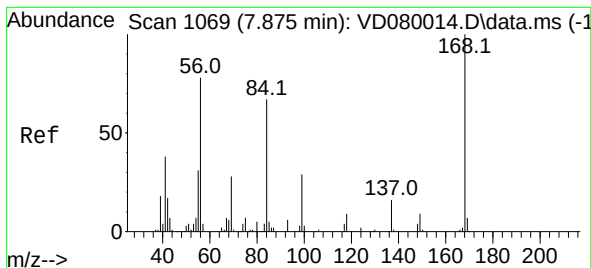
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

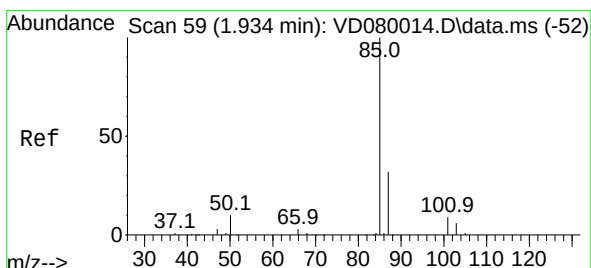
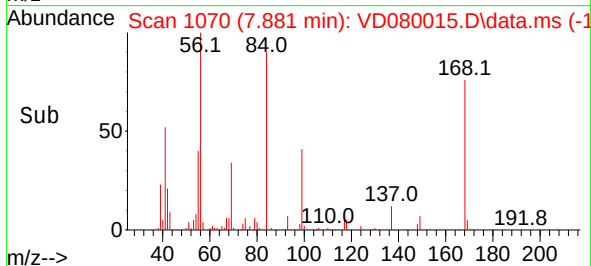
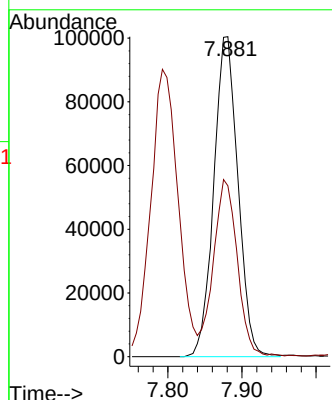
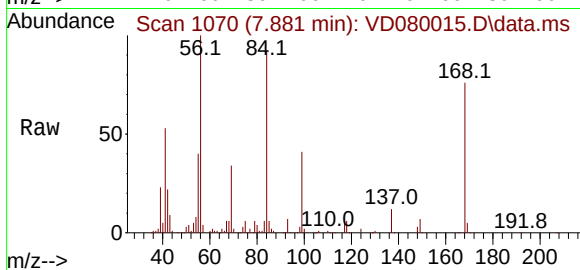
ClientSampleId :

Tgt Ion:168 Resp: 227638

Ion Ratio Lower Upper

168 100

99 52.9 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 83.047 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD080015.D

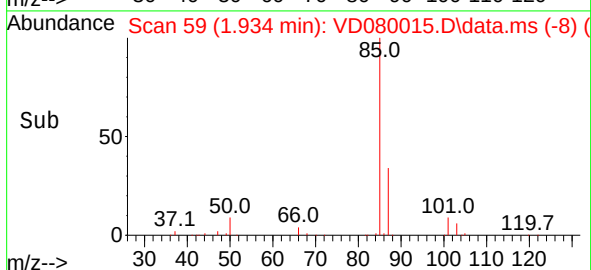
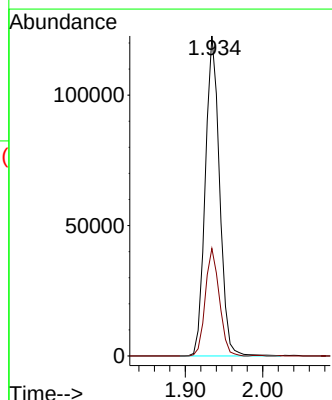
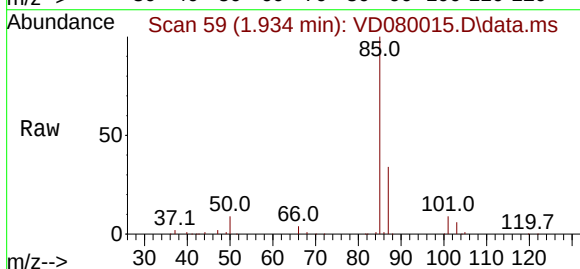
Acq: 14 Nov 2024 19:49

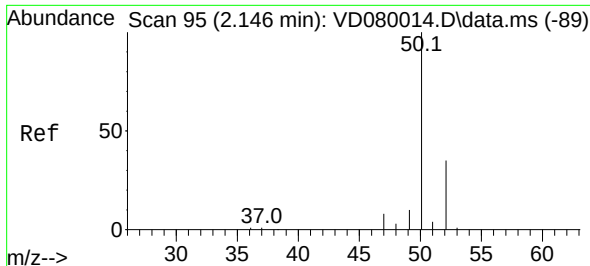
Tgt Ion: 85 Resp: 157159

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.2

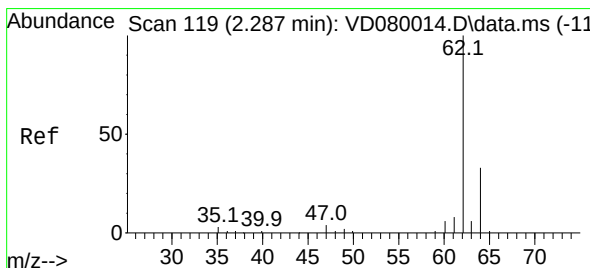
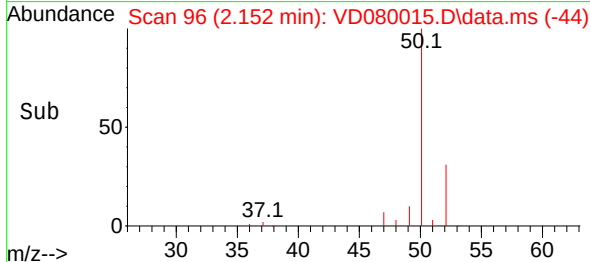
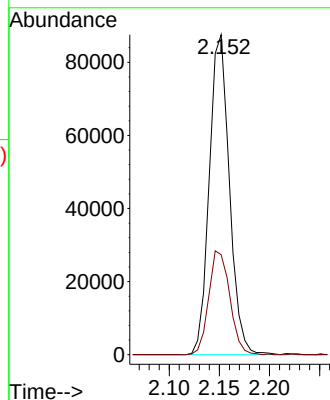
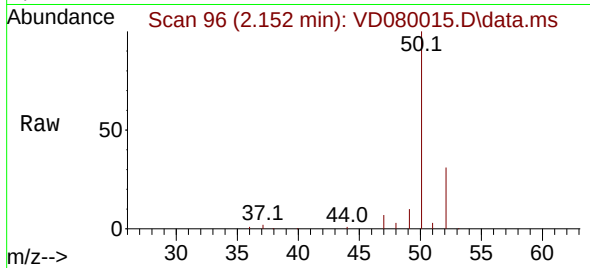




#3
Chloromethane
Concen: 87.782 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

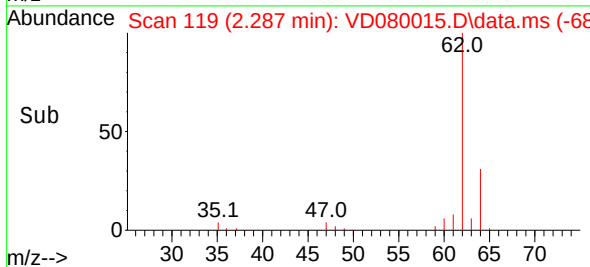
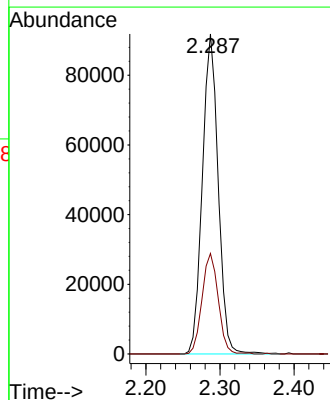
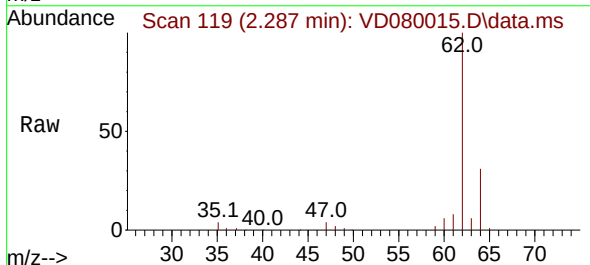
Instrument :
MSVOA_D
ClientSampleId :

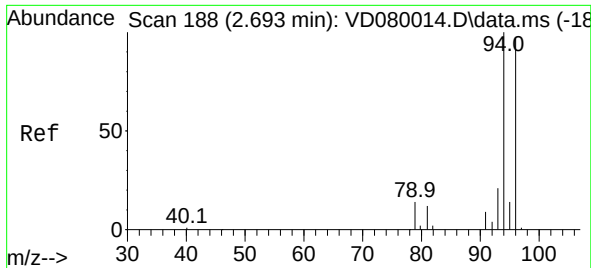
Tgt Ion: 50 Resp: 122026
Ion Ratio Lower Upper
50 100
52 31.2 28.2 42.4



#4
Vinyl Chloride
Concen: 83.617 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 62 Resp: 136246
Ion Ratio Lower Upper
62 100
64 31.4 26.7 40.1





#5

Bromomethane

Concen: 69.718 ug/l

RT: 2.687 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

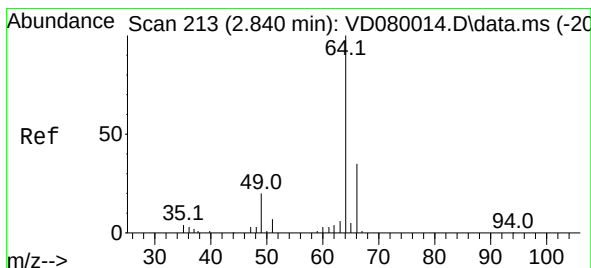
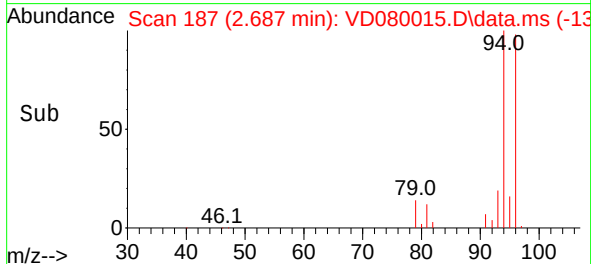
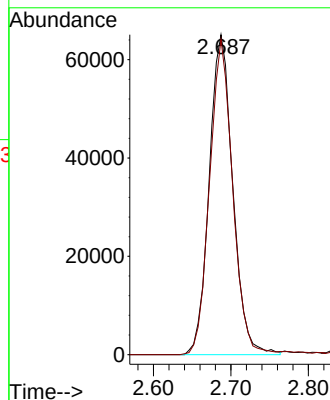
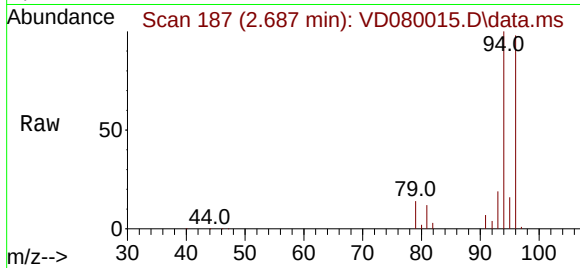
ClientSampleId :

Tgt Ion: 94 Resp: 137625

Ion Ratio Lower Upper

94 100

96 96.1 77.0 115.6



#6

Chloroethane

Concen: 81.878 ug/l

RT: 2.840 min Scan# 213

Delta R.T. 0.000 min

Lab File: VD080015.D

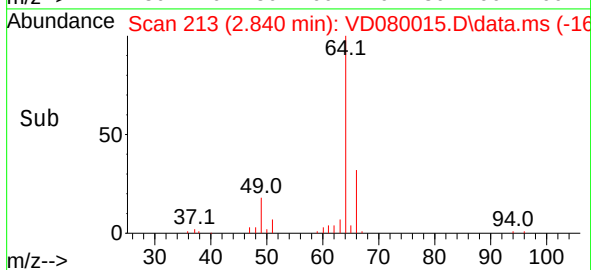
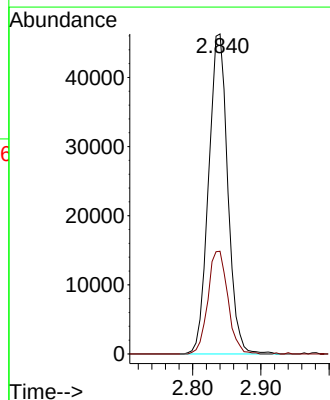
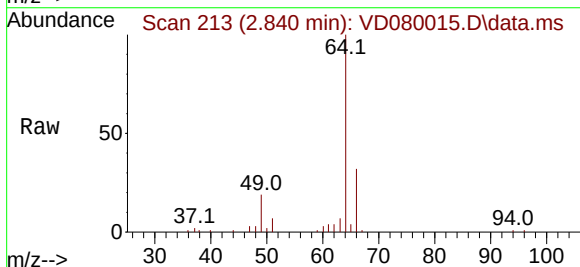
Acq: 14 Nov 2024 19:49

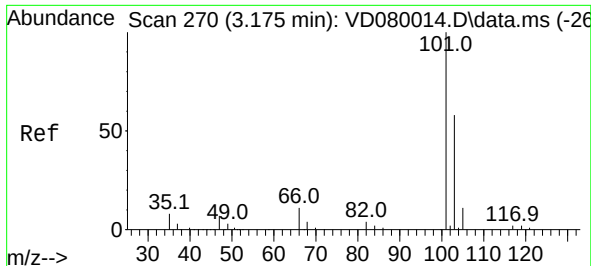
Tgt Ion: 64 Resp: 90515

Ion Ratio Lower Upper

64 100

66 32.1 27.8 41.6

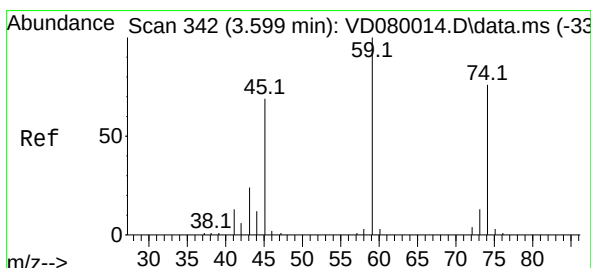
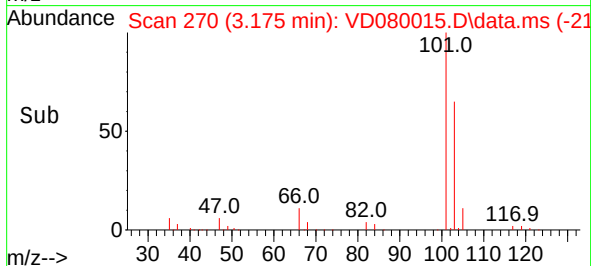
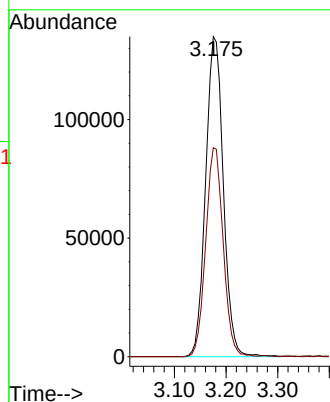
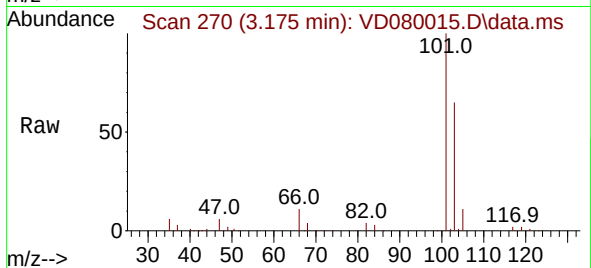




#7
Trichlorofluoromethane
Concen: 82.293 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

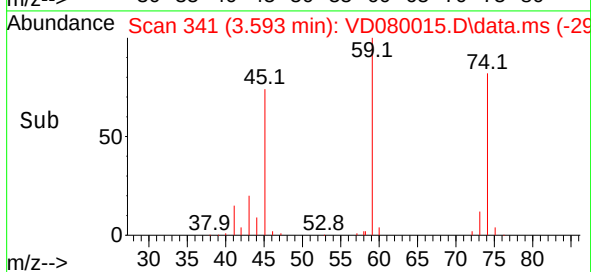
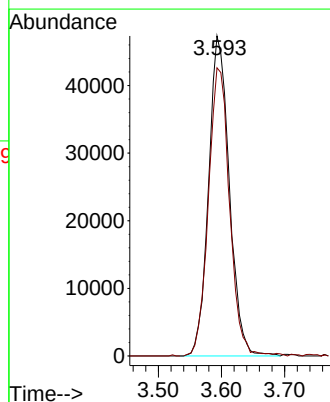
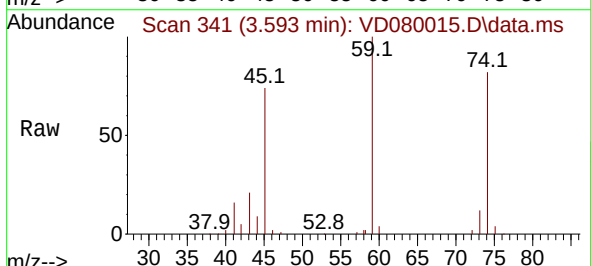
Instrument :
MSVOA_D
ClientSampleId :

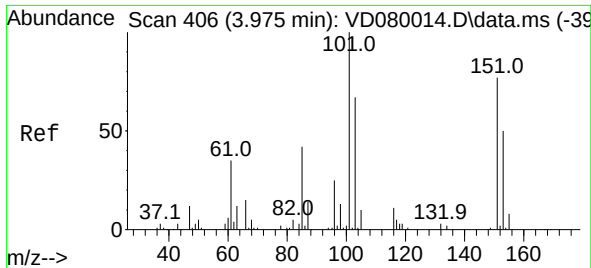
Tgt Ion:101 Resp: 321011
Ion Ratio Lower Upper
101 100
103 65.3 46.5 69.7



#8
Diethyl Ether
Concen: 100.167 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 74 Resp: 107991
Ion Ratio Lower Upper
74 100
45 91.8 45.7 137.1

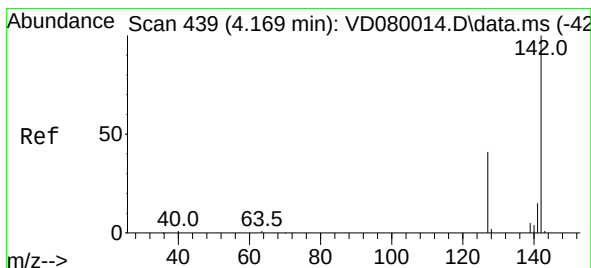
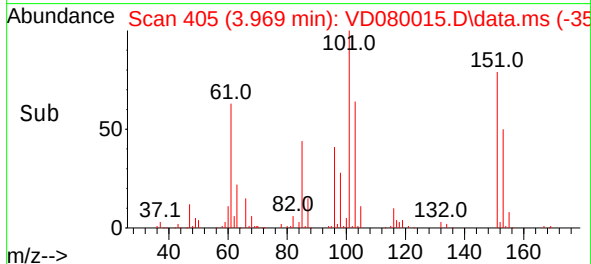
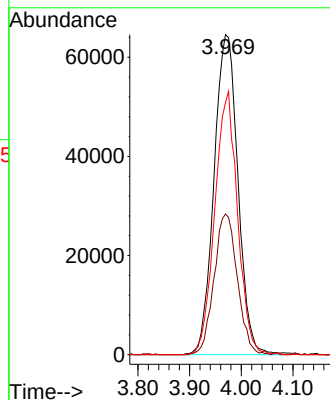
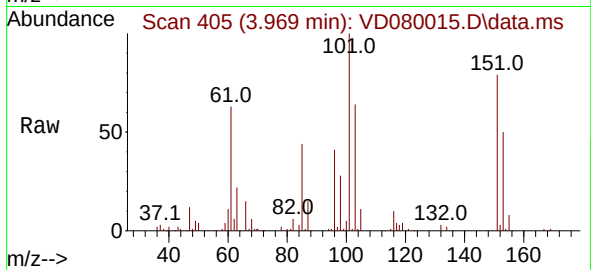




#9
1,1,2-Trichlorotrifluoroethane
Concen: 84.343 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

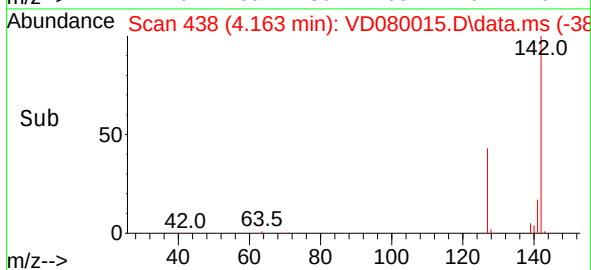
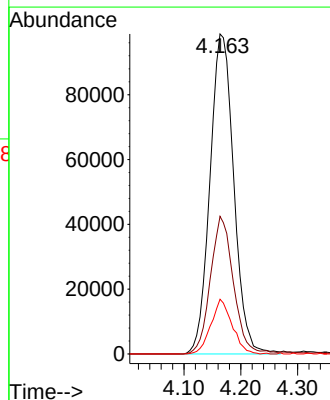
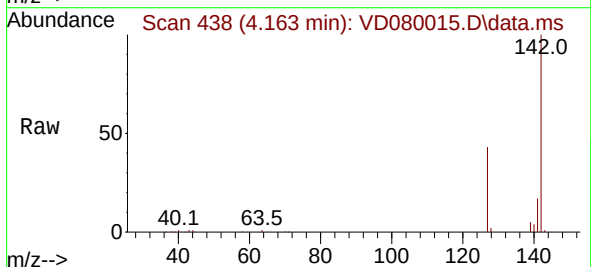
Instrument :
MSVOA_D
ClientSampleId :

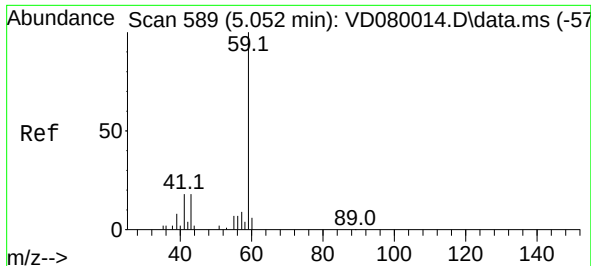
Tgt Ion:101 Resp: 207655
Ion Ratio Lower Upper
101 100
85 42.8 34.5 51.7
151 78.4 61.8 92.6



#10
Methyl Iodide
Concen: 94.674 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion:142 Resp: 287677
Ion Ratio Lower Upper
142 100
127 41.5 33.7 50.5
141 15.2 12.0 18.0

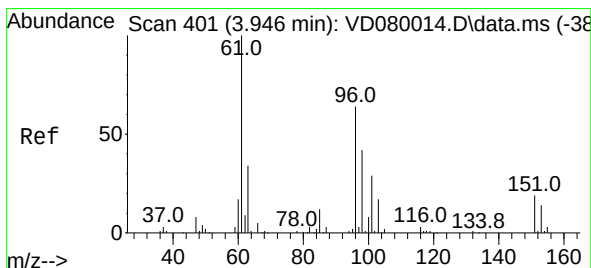
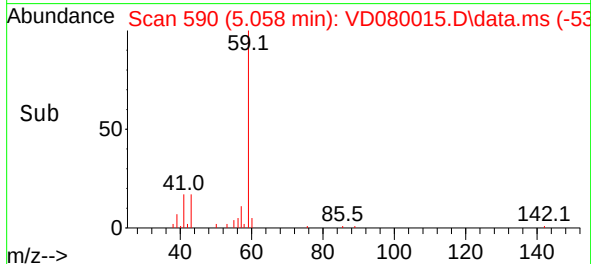
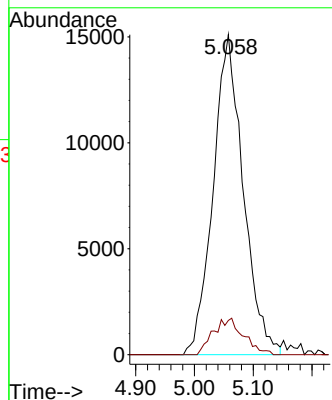
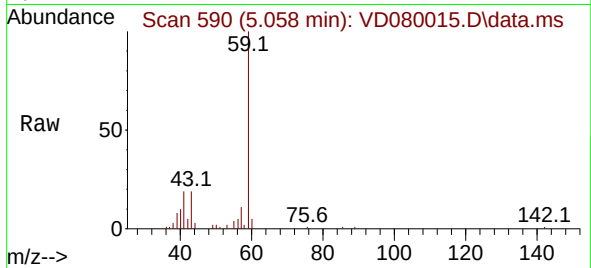




#11
Tert butyl alcohol
Concen: 447.331 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

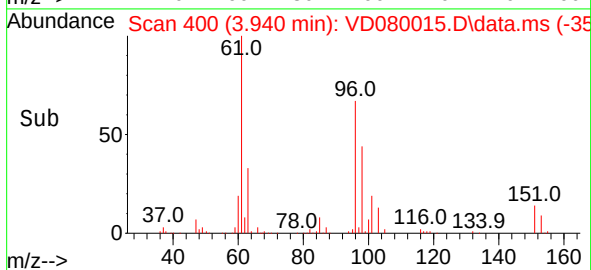
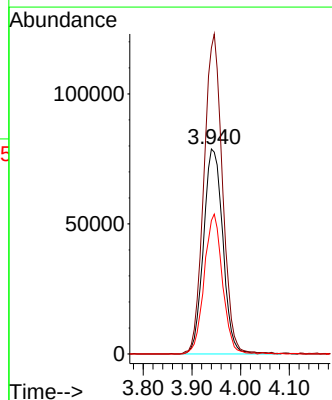
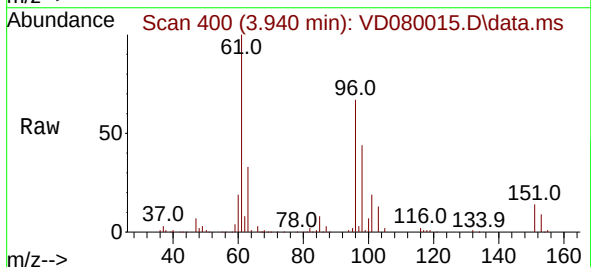
Instrument :
MSVOA_D
ClientSampleId :

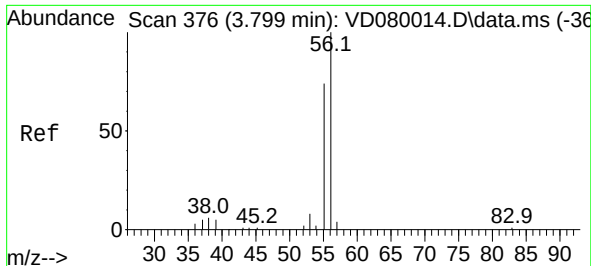
Tgt Ion: 59 Resp: 53743
Ion Ratio Lower Upper
59 100
57 11.5 5.0 7.6#



#12
1,1-Dichloroethene
Concen: 91.839 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 96 Resp: 216968
Ion Ratio Lower Upper
96 100
61 149.3 125.5 188.3
98 65.1 53.3 79.9





#13

Acrolein

Concen: 570.898 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

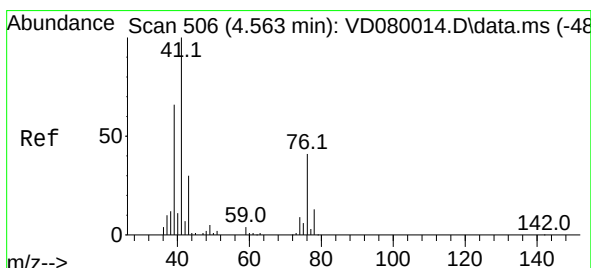
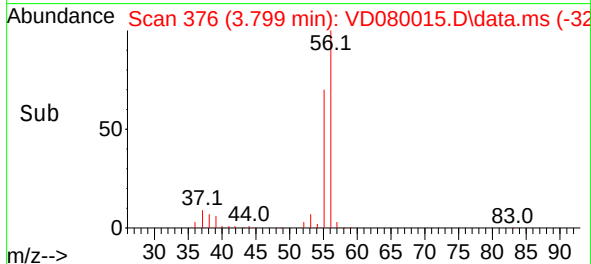
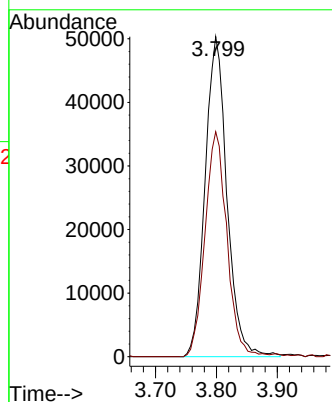
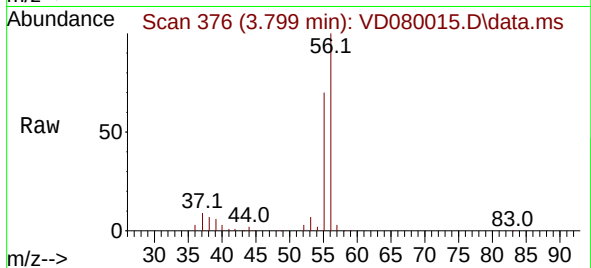
ClientSampleId :

Tgt Ion: 56 Resp: 125521

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 99.578 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

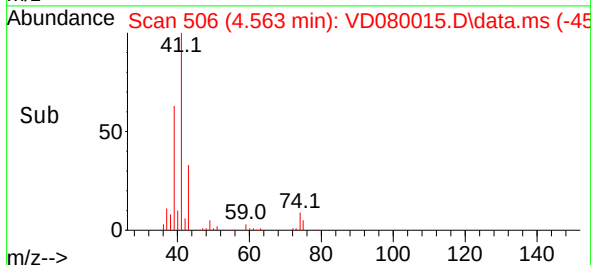
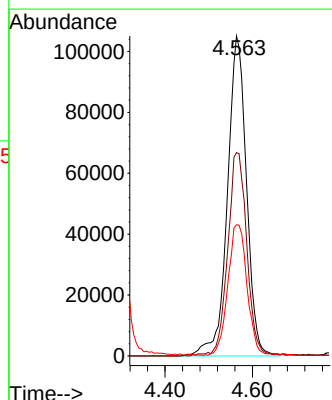
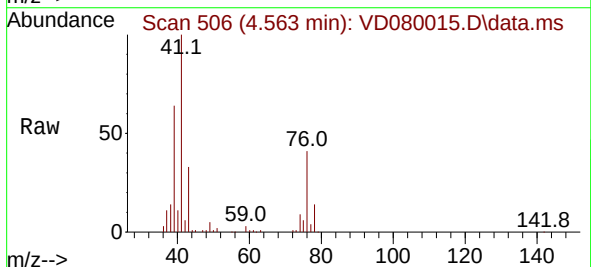
Tgt Ion: 41 Resp: 318947

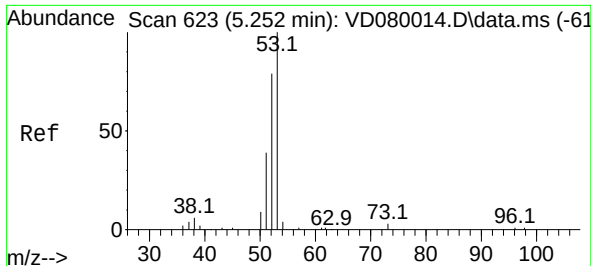
Ion Ratio Lower Upper

41 100

39 63.5 49.8 74.8

76 40.8 34.1 51.1

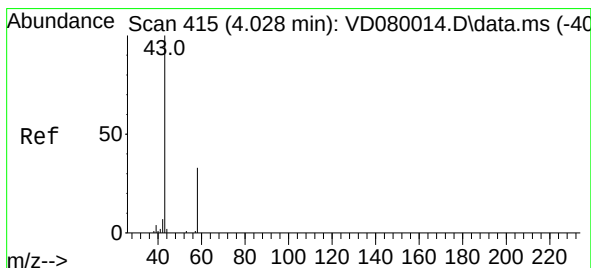
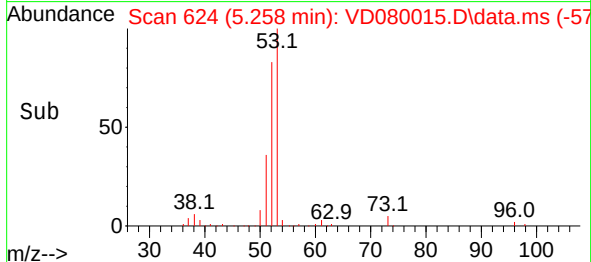
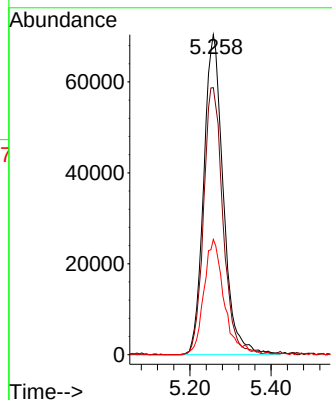
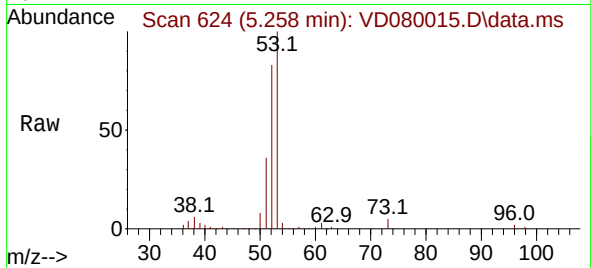




#15
Acrylonitrile
Concen: 510.642 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

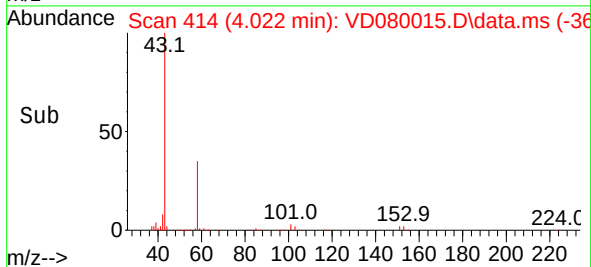
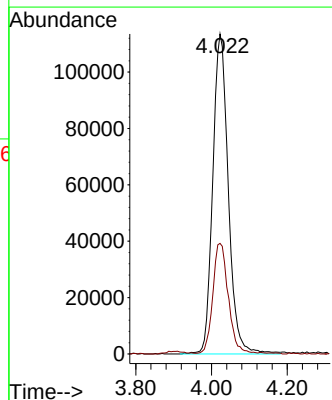
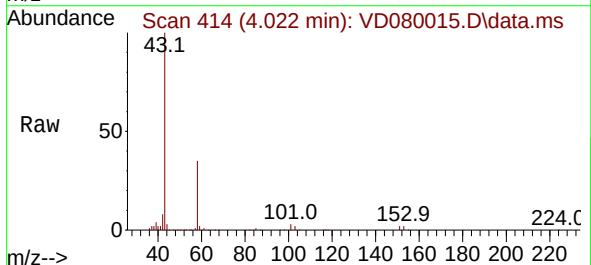
Instrument :
MSVOA_D
ClientSampleId :

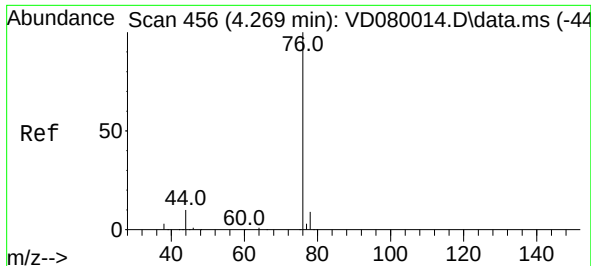
Tgt Ion: 53 Resp: 235465
Ion Ratio Lower Upper
53 100
52 82.9 67.0 100.4
51 37.2 29.7 44.5



#16
Acetone
Concen: 513.022 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 43 Resp: 323382
Ion Ratio Lower Upper
43 100
58 34.3 26.9 40.3





#17

Carbon Disulfide

Concen: 90.005 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

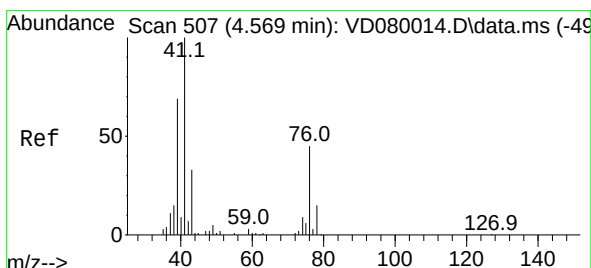
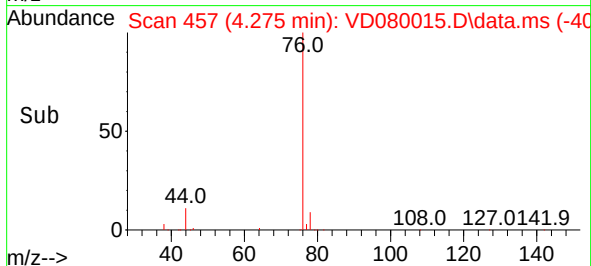
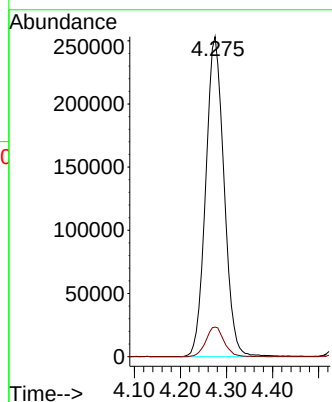
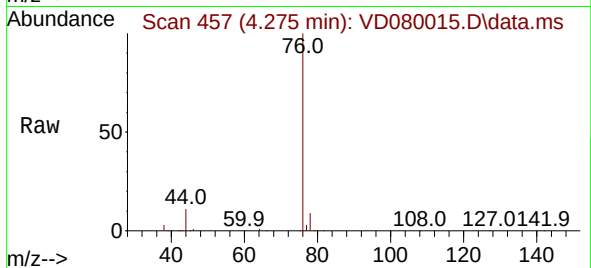
ClientSampleId :

Tgt Ion: 76 Resp: 700569

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 98.111 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD080015.D

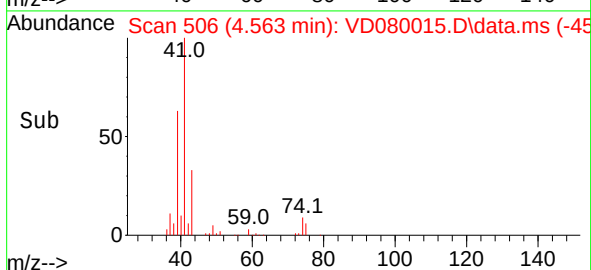
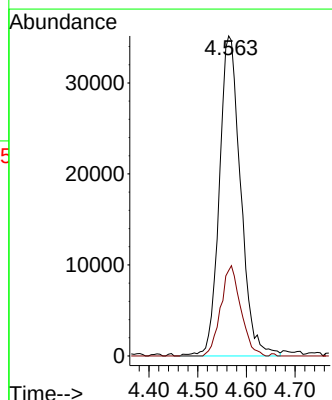
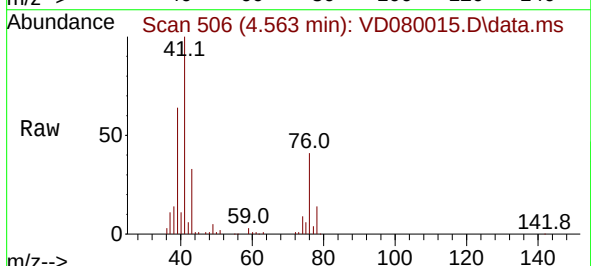
Acq: 14 Nov 2024 19:49

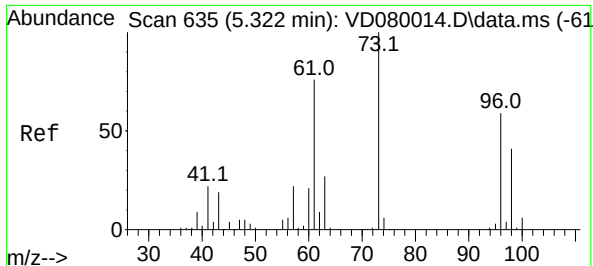
Tgt Ion: 43 Resp: 106769

Ion Ratio Lower Upper

43 100

74 26.6 20.8 31.2

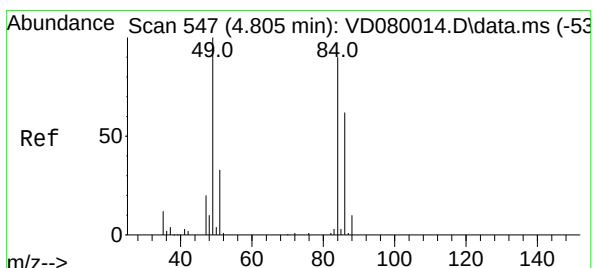
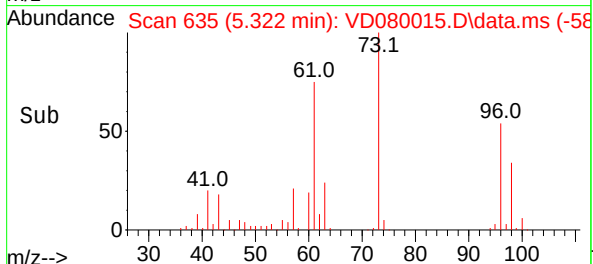
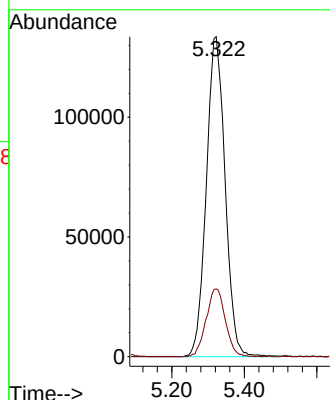
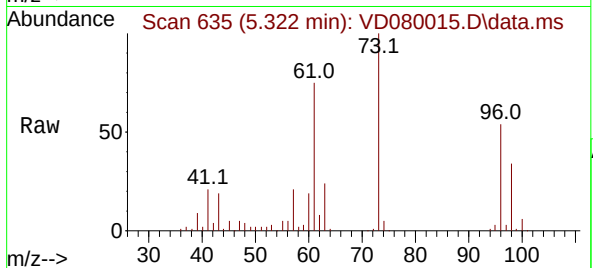




#19
Methyl tert-butyl Ether
Concen: 101.520 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

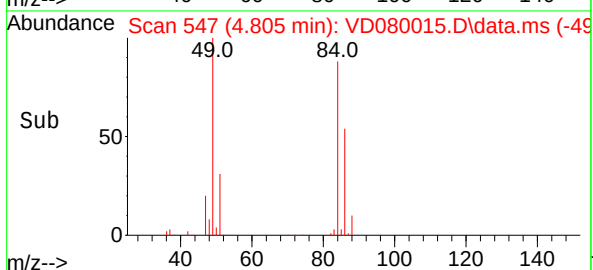
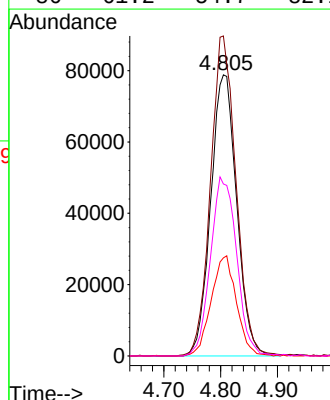
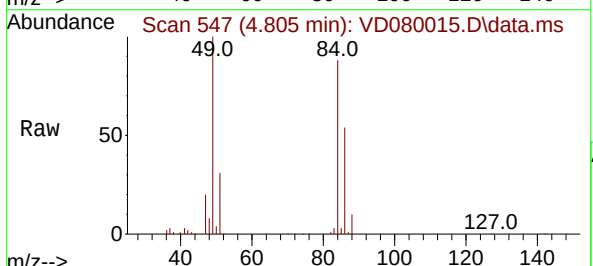
Instrument :
MSVOA_D
ClientSampleId :

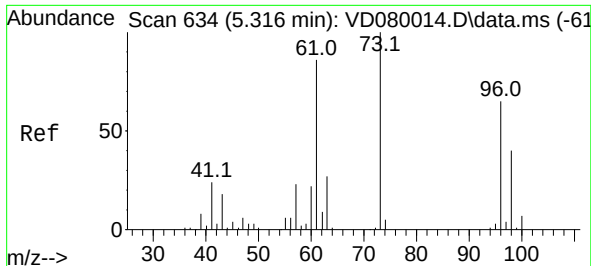
Tgt Ion: 73 Resp: 480732
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 86.025 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

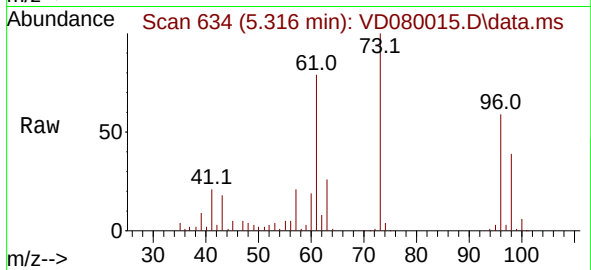
Tgt Ion: 84 Resp: 250052
Ion Ratio Lower Upper
84 100
49 113.6 88.7 133.1
51 34.9 29.3 43.9
86 61.2 54.7 82.1



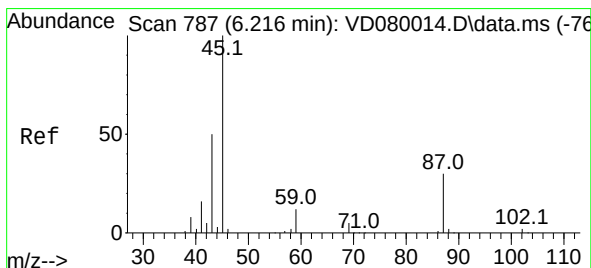
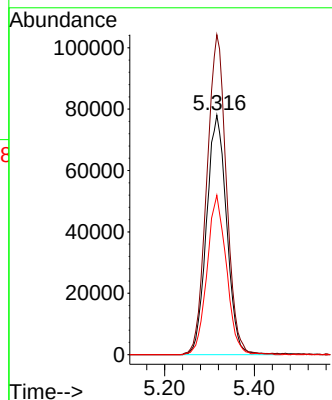
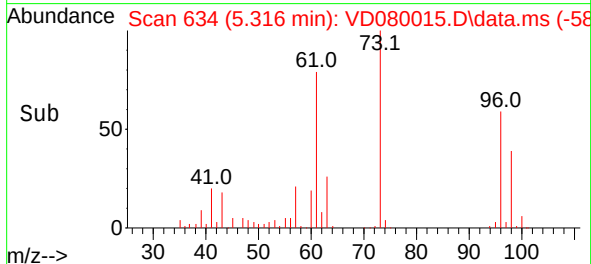


#21
trans-1,2-Dichloroethene
Concen: 91.803 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

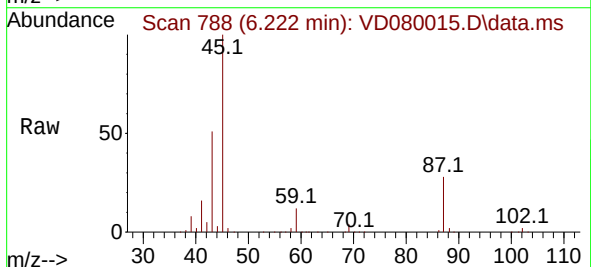
Instrument :
MSVOA_D
ClientSampleId :



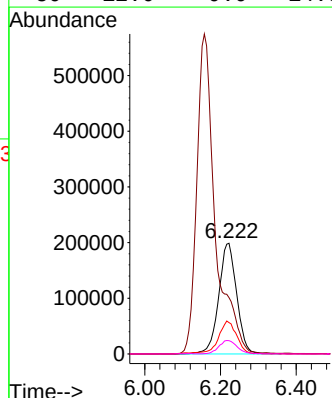
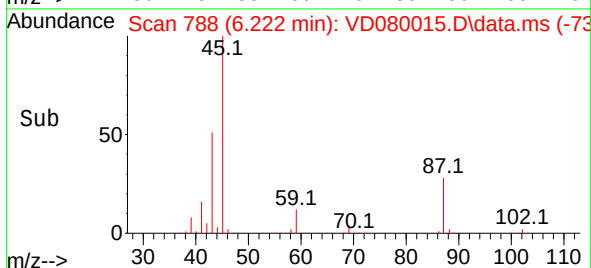
Tgt Ion: 96 Resp: 242989
Ion Ratio Lower Upper
96 100
61 133.6 106.2 159.4
98 66.5 49.1 73.7

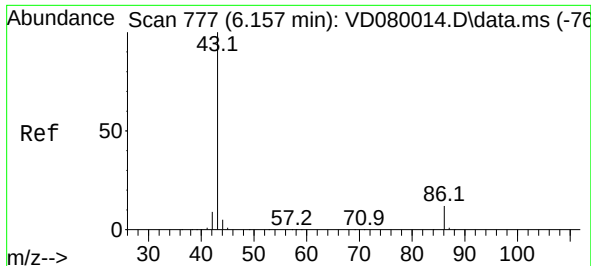


#22
Diisopropyl ether
Concen: 97.366 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49



Tgt Ion: 45 Resp: 655948
Ion Ratio Lower Upper
45 100
43 50.4 41.7 62.5
87 28.4 24.3 36.5
59 12.0 9.9 14.9

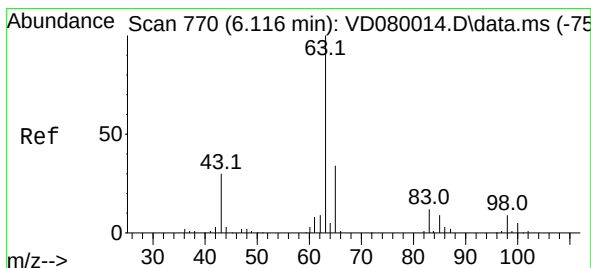
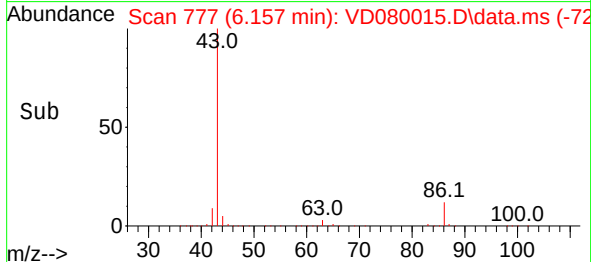
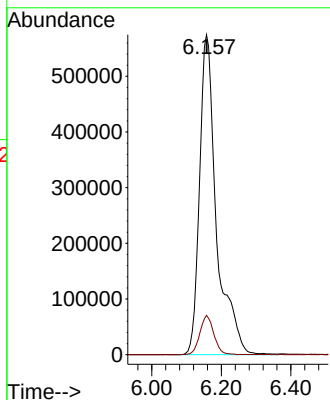
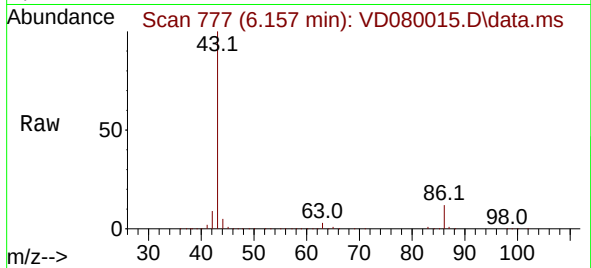




#23
 Vinyl Acetate
 Concen: 514.468 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD080015.D
 Acq: 14 Nov 2024 19:49

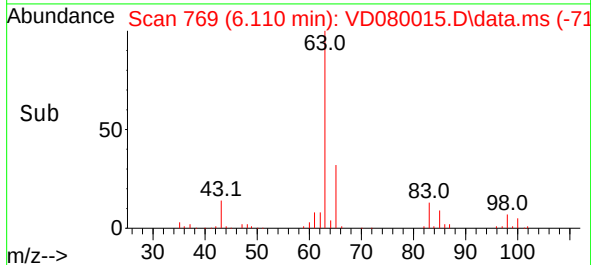
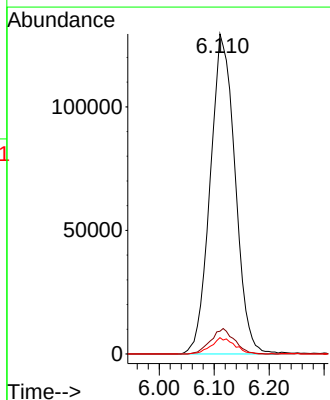
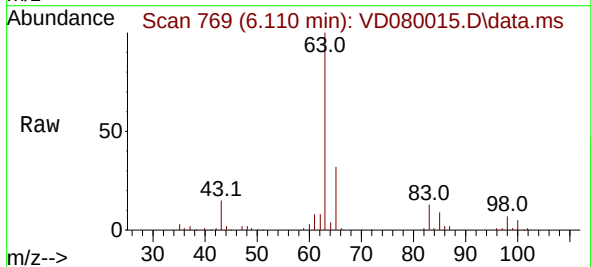
Instrument :
 MSVOA_D
 ClientSampleId :

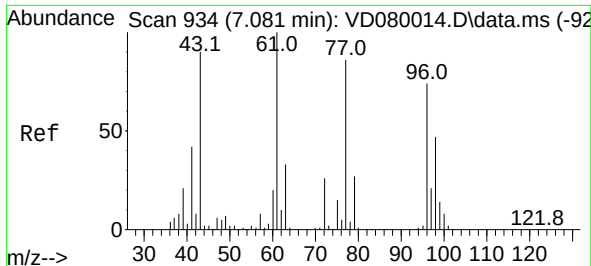
Tgt Ion: 43 Resp: 1948609
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 89.970 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD080015.D
 Acq: 14 Nov 2024 19:49

Tgt Ion: 63 Resp: 407199
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.4 13.2
 100 5.1 2.4 7.2





#25

2-Butanone

Concen: 514.602 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

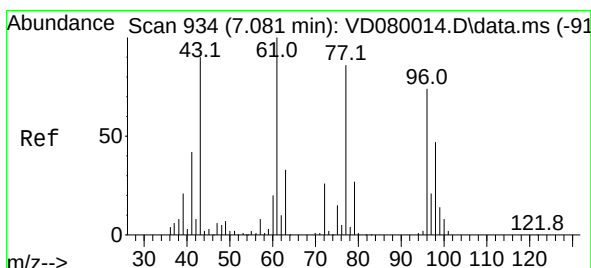
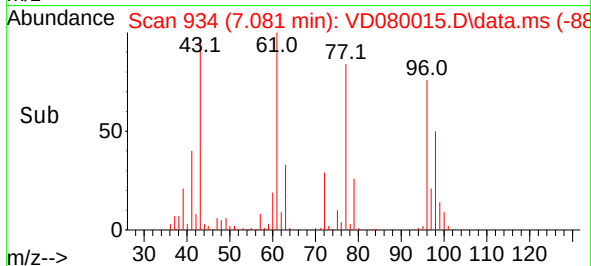
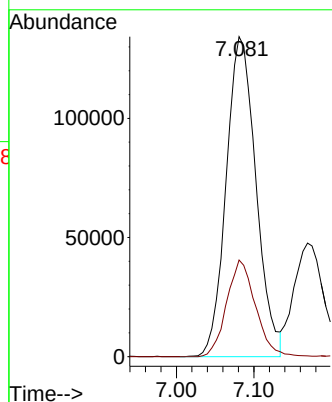
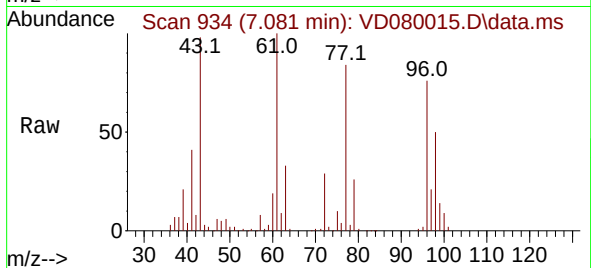
ClientSampleId :

Tgt Ion: 43 Resp: 360034

Ion Ratio Lower Upper

43 100

72 30.2 23.0 34.4



#26

2,2-Dichloropropane

Concen: 85.905 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD080015.D

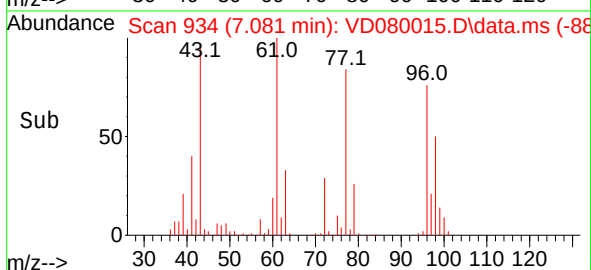
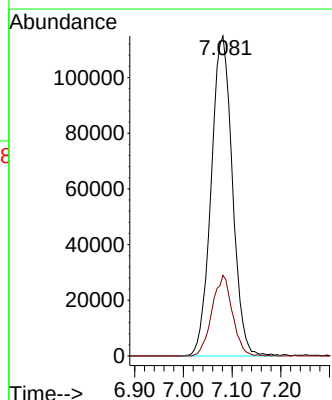
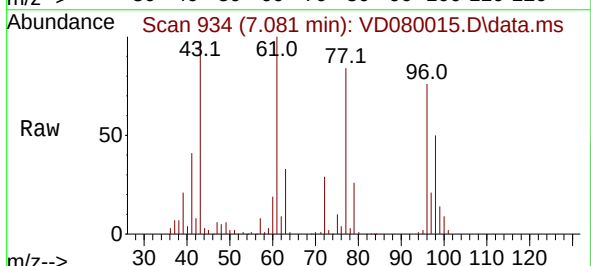
Acq: 14 Nov 2024 19:49

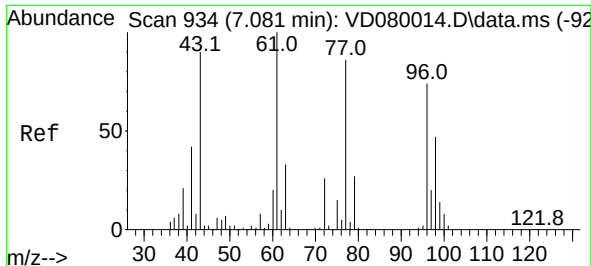
Tgt Ion: 77 Resp: 347740

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.7

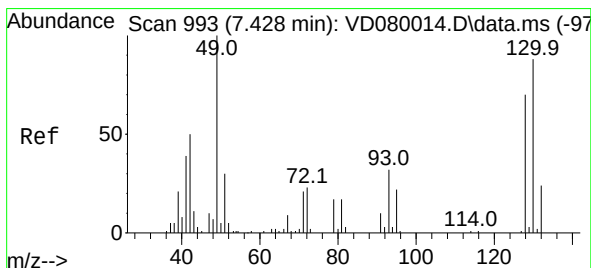
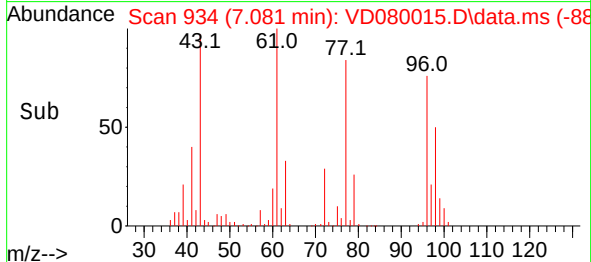
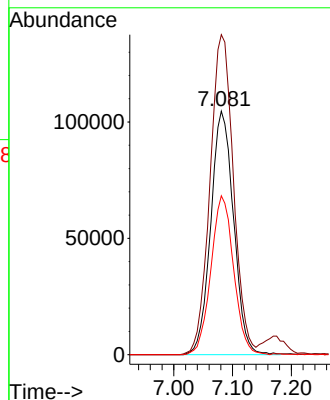
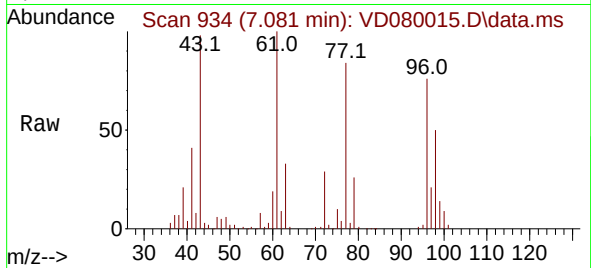




#27
 cis-1,2-Dichloroethene
 Concen: 93.134 ug/l
 RT: 7.081 min Scan# 934
 Delta R.T. 0.000 min
 Lab File: VD080015.D
 Acq: 14 Nov 2024 19:49

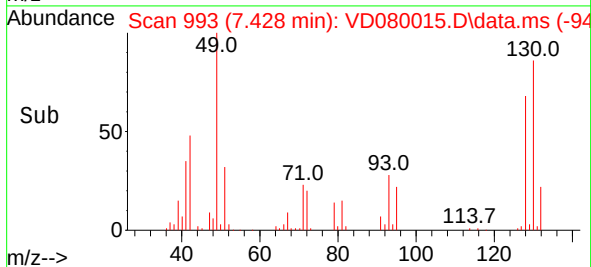
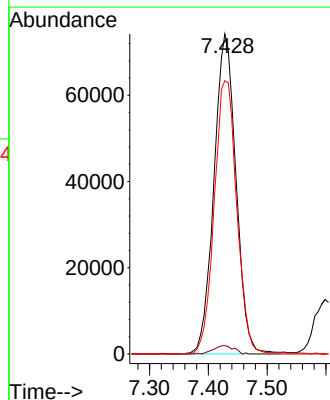
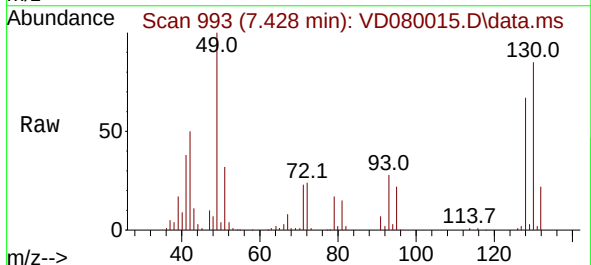
Instrument :
 MSVOA_D
 ClientSampleId :

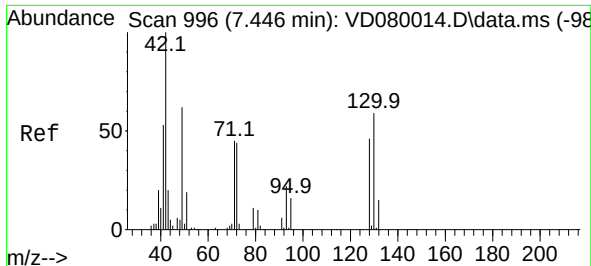
Tgt Ion: 96 Resp: 283175
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 272.4
 98 64.7 0.0 129.6



#28
 Bromochloromethane
 Concen: 95.013 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD080015.D
 Acq: 14 Nov 2024 19:49

Tgt Ion: 49 Resp: 192869
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.6
 130 87.3 70.6 105.8





#29

Tetrahydrofuran

Concen: 493.011 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

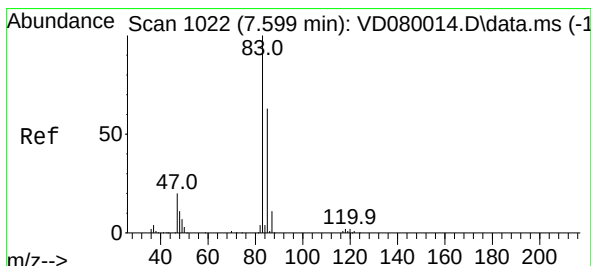
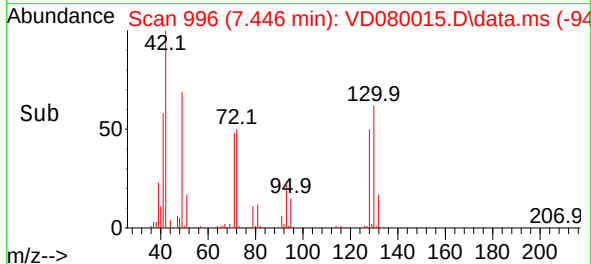
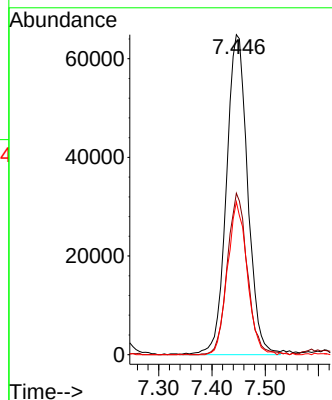
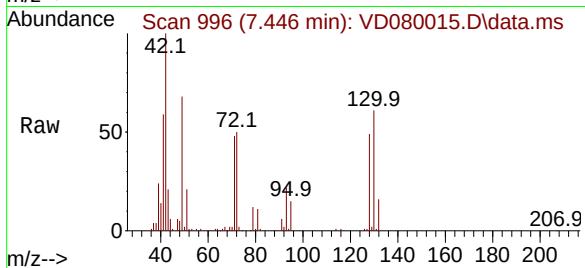
Tgt Ion: 42 Resp: 180129

Ion Ratio Lower Upper

42 100

72 47.7 37.0 55.6

71 44.3 34.7 52.1



#30

Chloroform

Concen: 85.836 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD080015.D

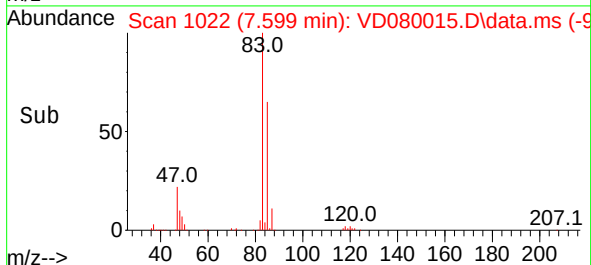
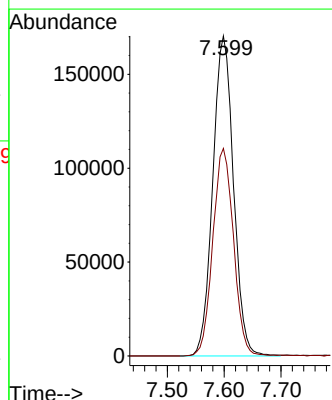
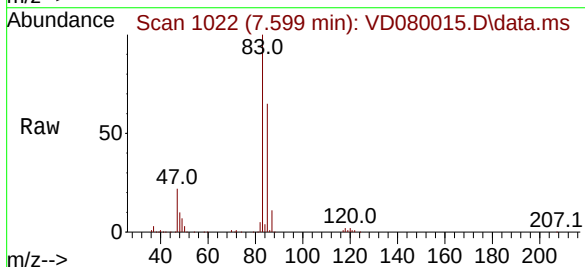
Acq: 14 Nov 2024 19:49

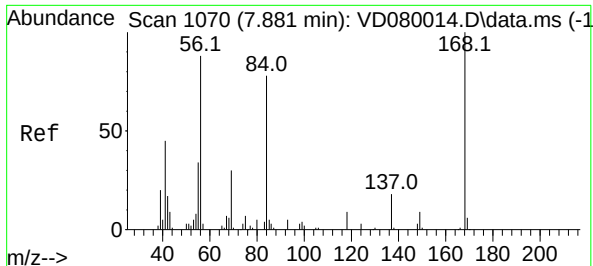
Tgt Ion: 83 Resp: 431094

Ion Ratio Lower Upper

83 100

85 64.9 50.6 75.8





#31

Cyclohexane

Concen: 87.060 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

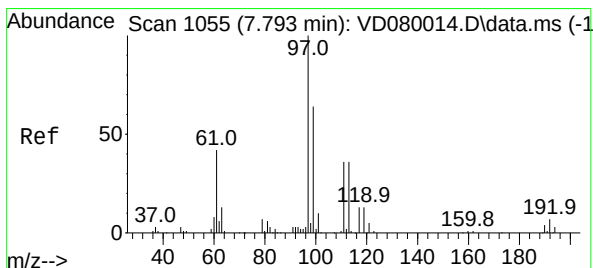
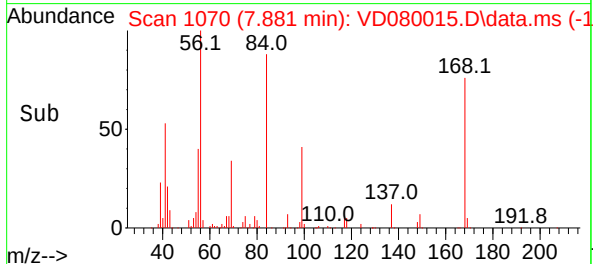
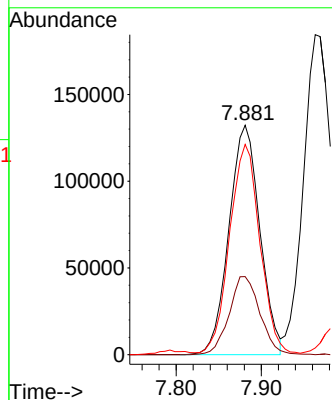
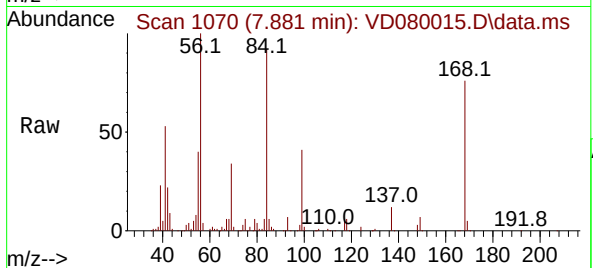
Tgt Ion: 56 Resp: 333447

Ion Ratio Lower Upper

56 100

69 34.1 27.4 41.0

84 90.3 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 85.928 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

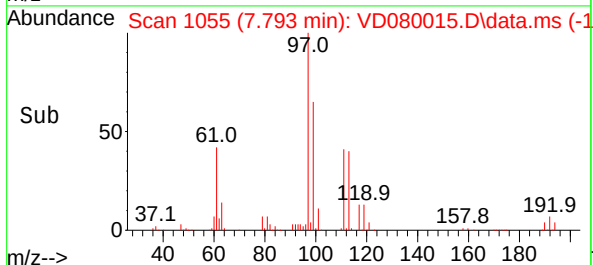
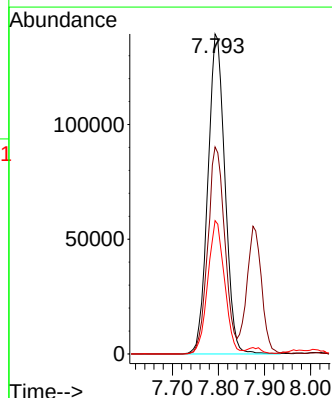
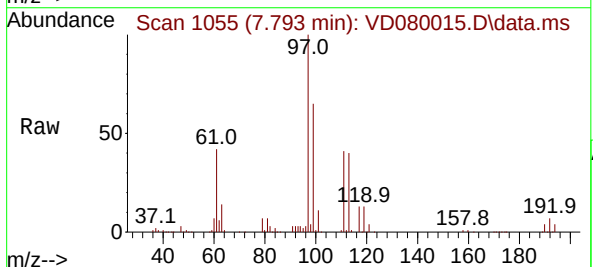
Tgt Ion: 97 Resp: 360229

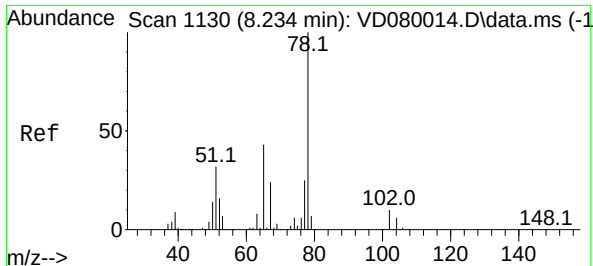
Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 41.1 33.0 49.6

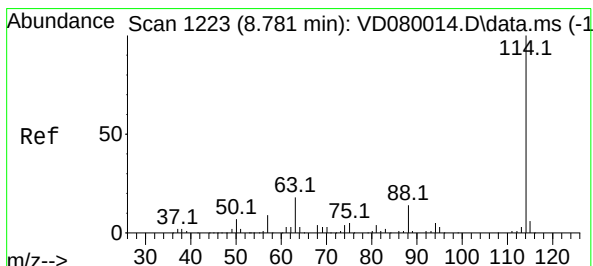
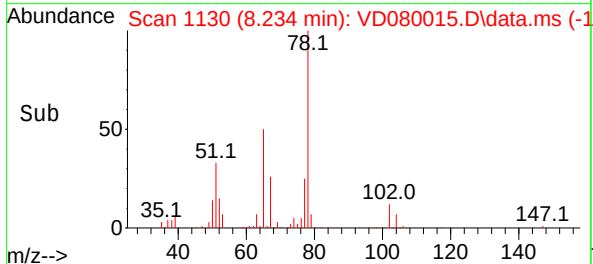
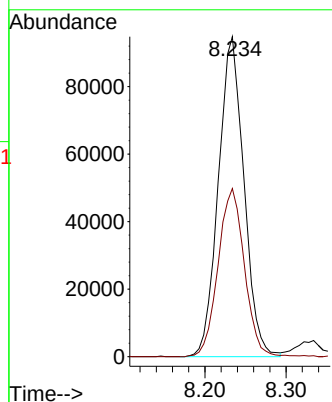
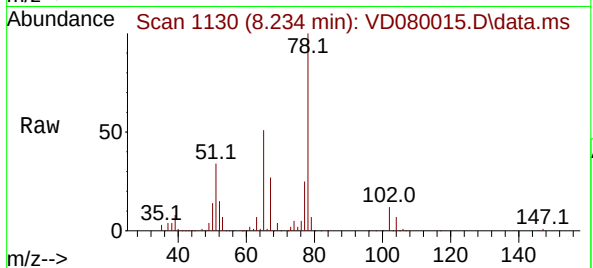




#33
1,2-Dichloroethane-d4
Concen: 88.950 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

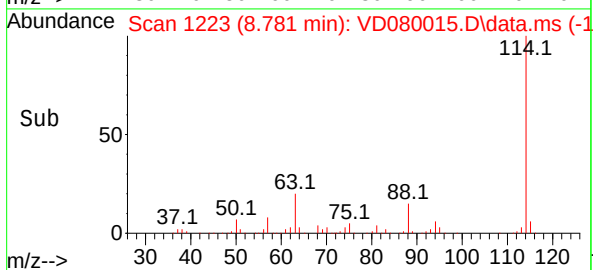
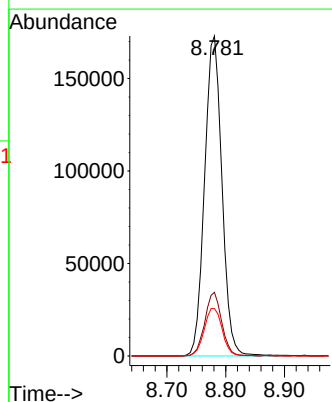
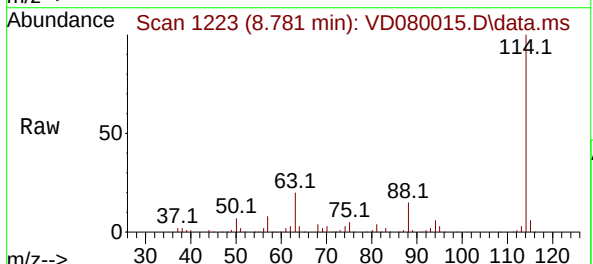
Instrument :
MSVOA_D
ClientSampleId :

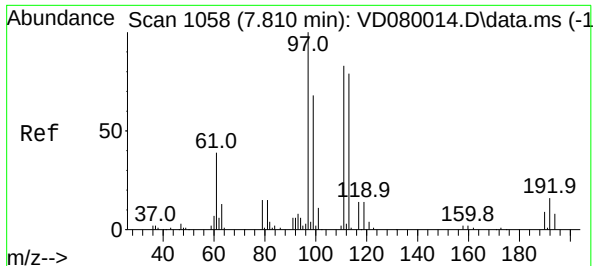
Tgt Ion: 65 Resp: 207566
Ion Ratio Lower Upper
65 100
67 54.1 0.0 112.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 114 Resp: 354140
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.2
88 14.8 0.0 28.6





#35

Dibromofluoromethane

Concen: 90.832 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

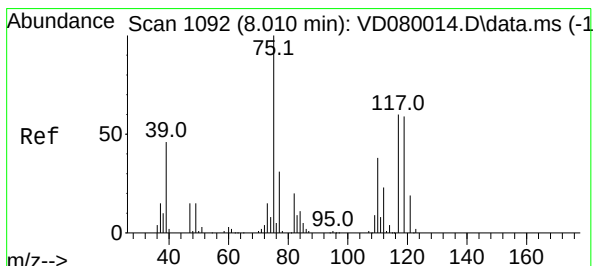
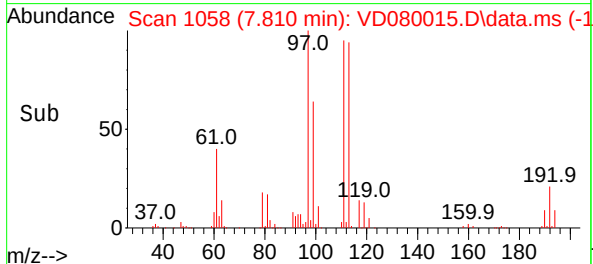
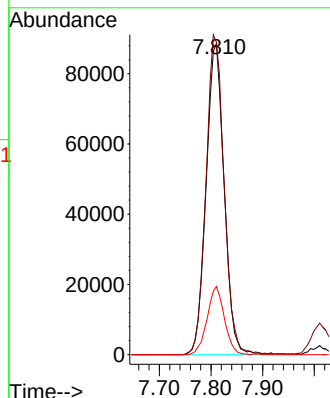
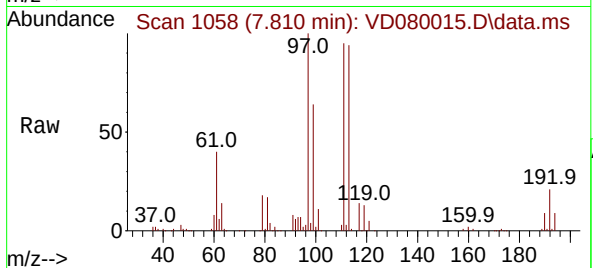
Tgt Ion:113 Resp: 215046

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 20.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 87.813 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

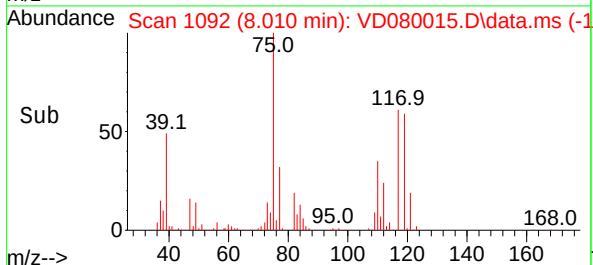
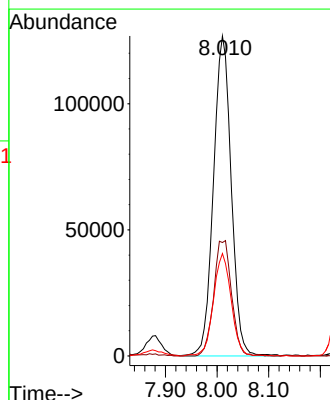
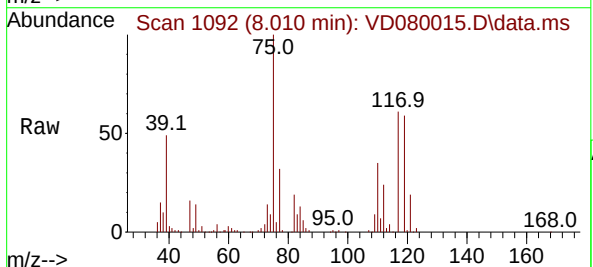
Tgt Ion: 75 Resp: 303389

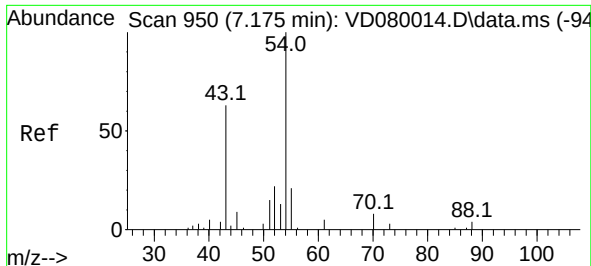
Ion Ratio Lower Upper

75 100

110 36.3 18.4 55.0

77 31.8 24.5 36.7





#37

Ethyl Acetate

Concen: 90.924 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

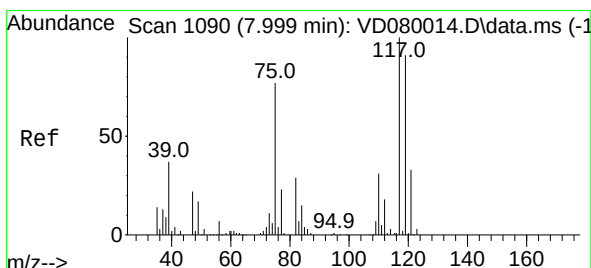
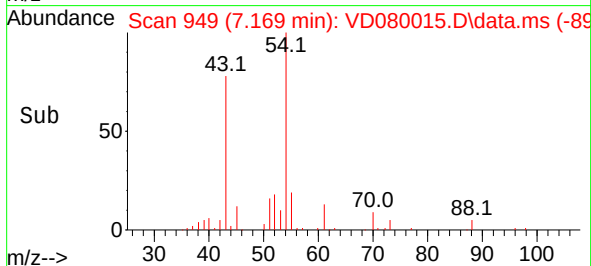
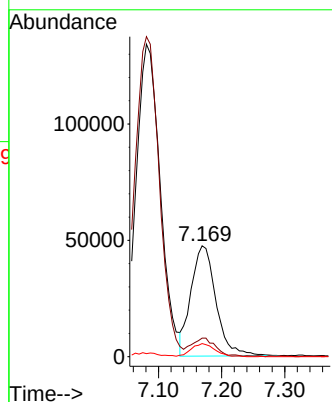
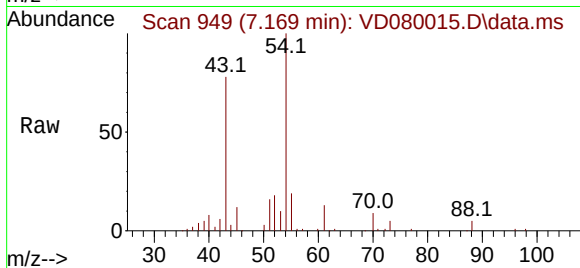
Tgt Ion: 43 Resp: 130465

Ion Ratio Lower Upper

43 100

61 15.5 11.4 17.0

70 11.2 9.6 14.4



#38

Carbon Tetrachloride

Concen: 82.808 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

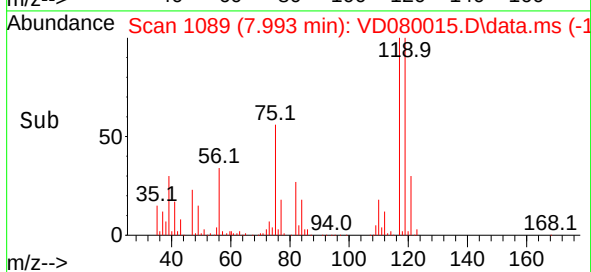
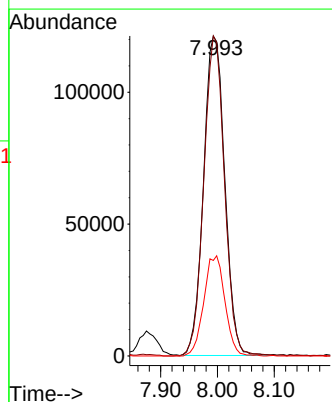
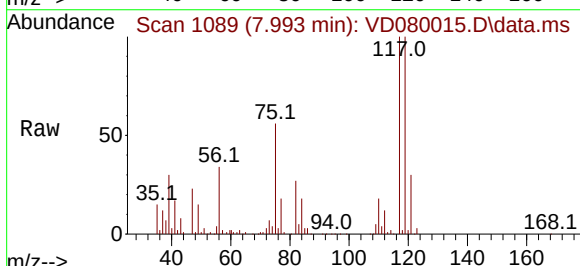
Tgt Ion:117 Resp: 314177

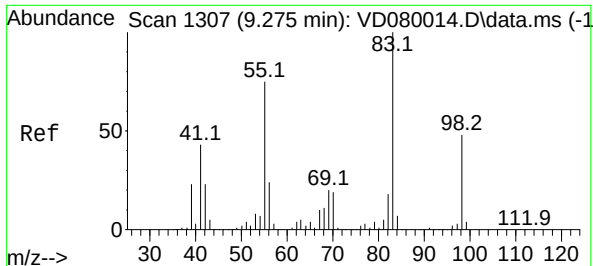
Ion Ratio Lower Upper

117 100

119 100.2 72.6 109.0

121 29.9 26.2 39.4

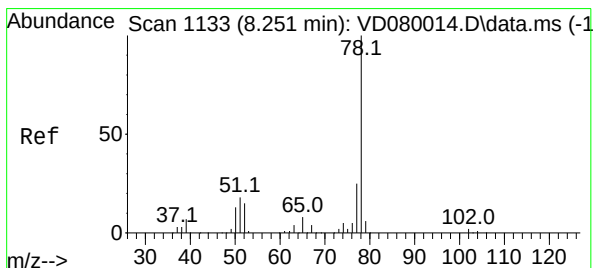
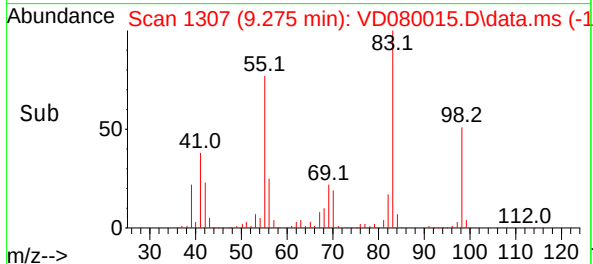
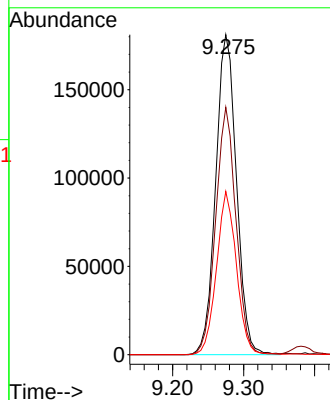
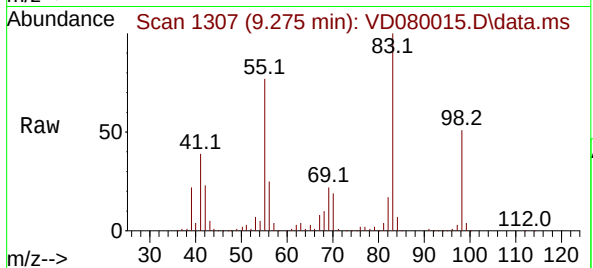




#39
Methylcyclohexane
Concen: 91.163 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

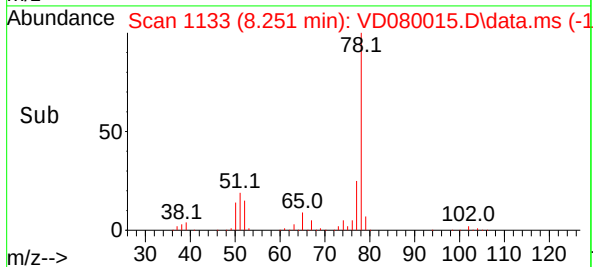
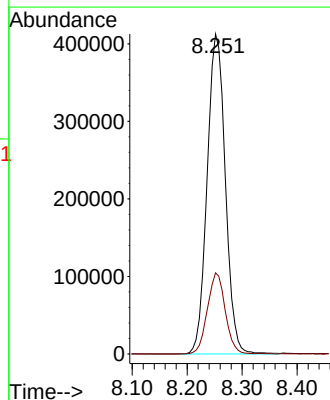
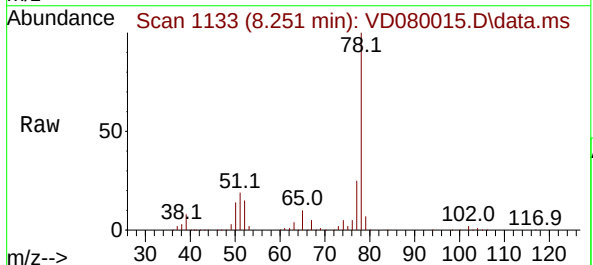
Instrument :
MSVOA_D
ClientSampleId :

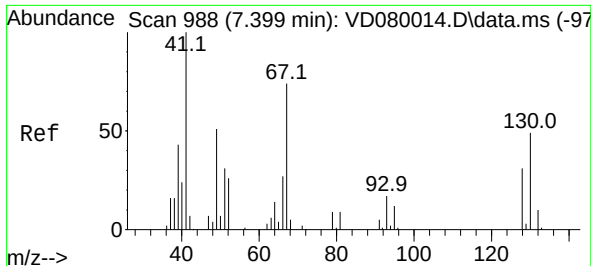
Tgt Ion: 83 Resp: 367349
Ion Ratio Lower Upper
83 100
55 77.3 60.1 90.1
98 51.0 38.2 57.2



#40
Benzene
Concen: 89.004 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

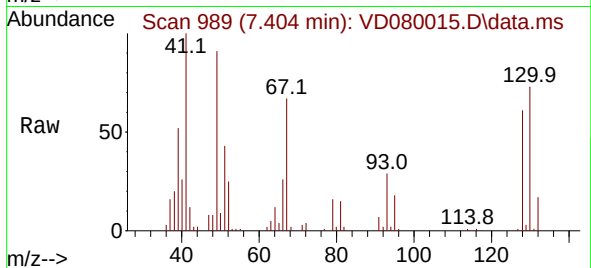
Tgt Ion: 78 Resp: 949953
Ion Ratio Lower Upper
78 100
77 25.3 19.7 29.5



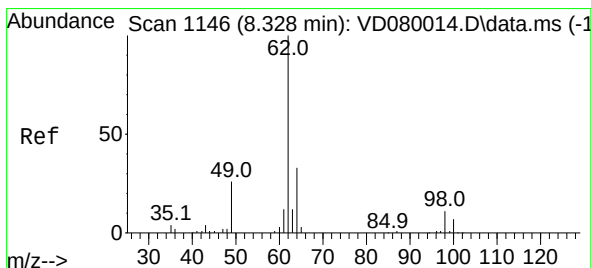
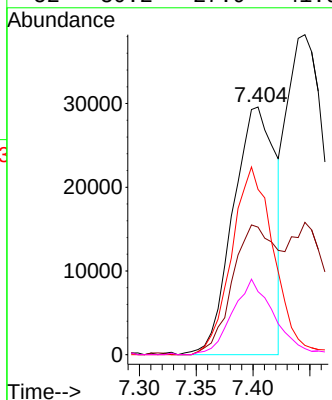
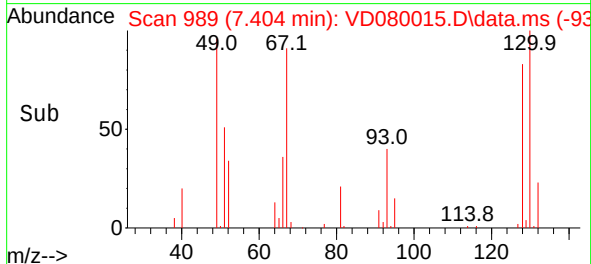


#41
Methacrylonitrile
Concen: 96.305 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Instrument :
MSVOA_D
ClientSampleId :

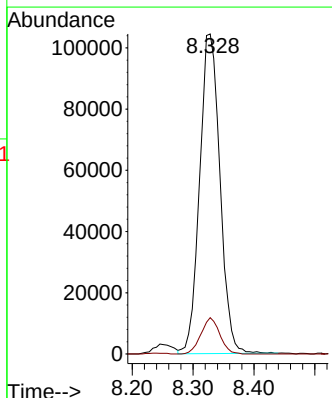
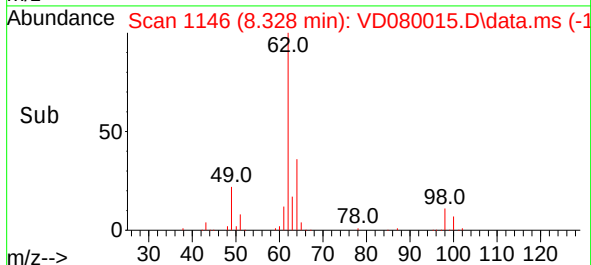
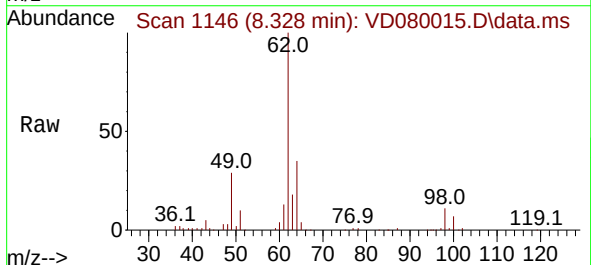


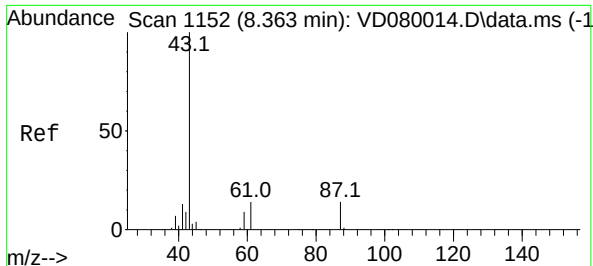
Tgt Ion: 41 Resp: 76720
Ion Ratio Lower Upper
41 100
39 58.6 46.6 69.8
67 76.2 67.0 100.4
52 30.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 86.742 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 62 Resp: 242536
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.2





#43

Isopropyl Acetate

Concen: 92.996 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

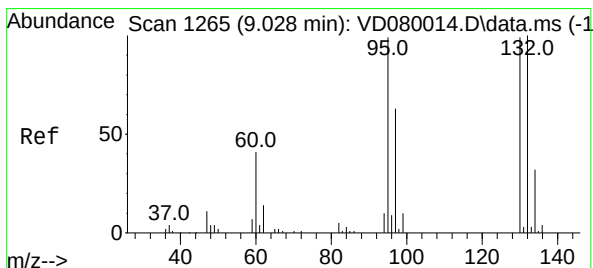
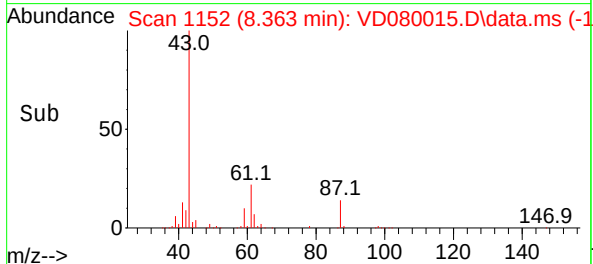
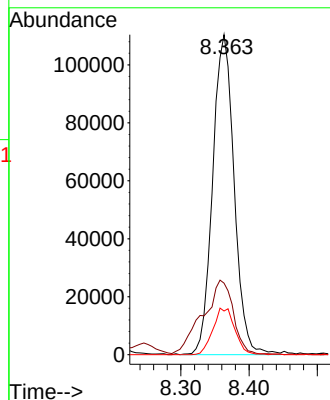
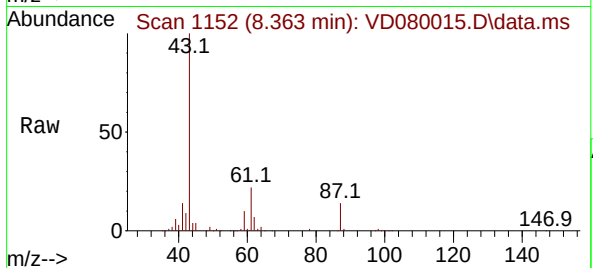
Tgt Ion: 43 Resp: 242475

Ion Ratio Lower Upper

43 100

61 33.2 27.0 40.4

87 14.8 11.3 16.9



#44

Trichloroethene

Concen: 87.573 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080015.D

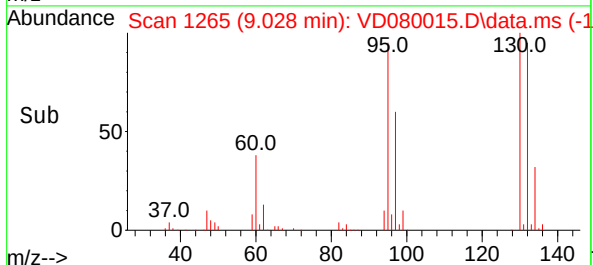
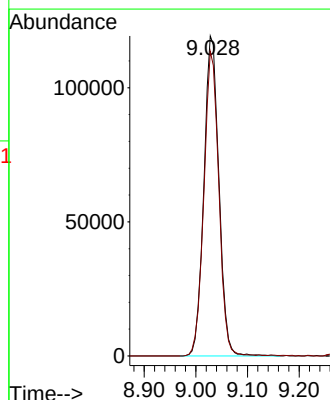
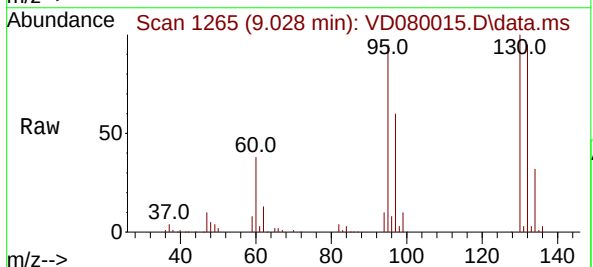
Acq: 14 Nov 2024 19:49

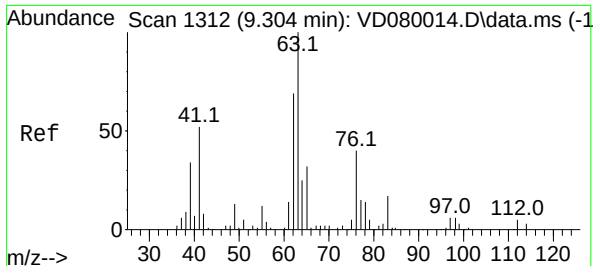
Tgt Ion:130 Resp: 241045

Ion Ratio Lower Upper

130 100

95 95.1 0.0 201.0





#45

1,2-Dichloropropane

Concen: 89.802 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

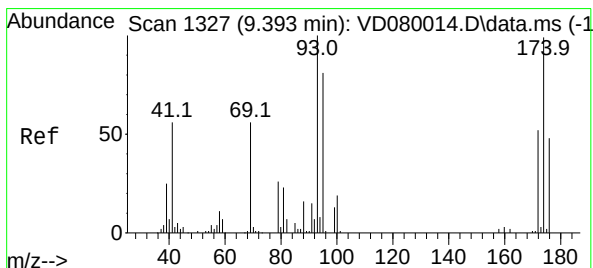
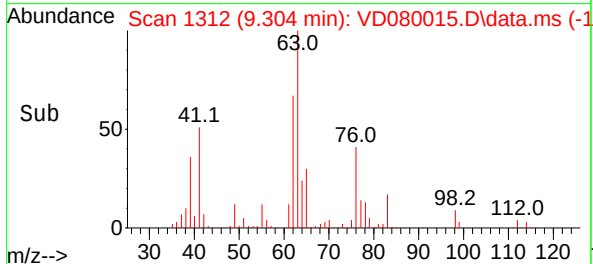
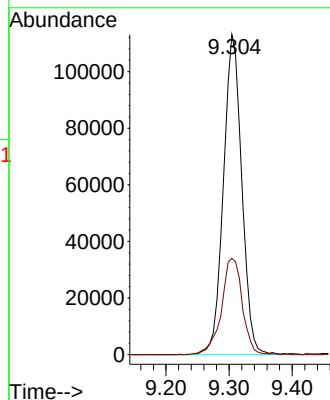
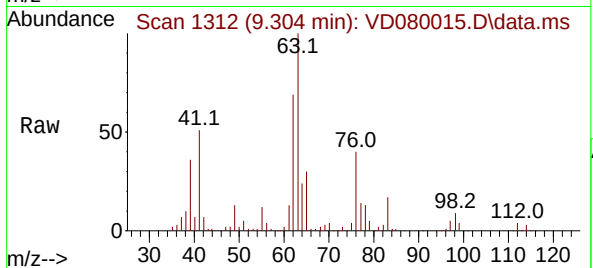
ClientSampleId :

Tgt Ion: 63 Resp: 228088

Ion Ratio Lower Upper

63 100

65 30.1 25.8 38.6



#46

Dibromomethane

Concen: 90.065 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

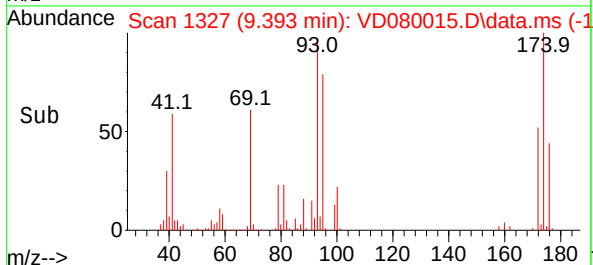
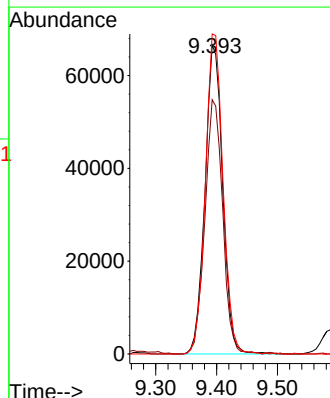
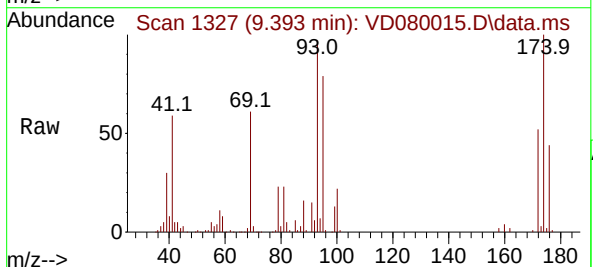
Tgt Ion: 93 Resp: 134444

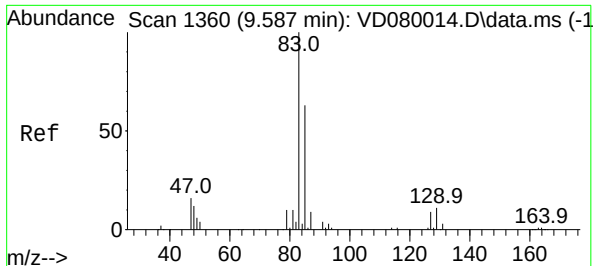
Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

174 103.1 83.9 125.9

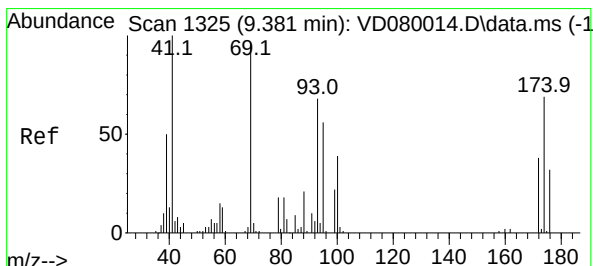
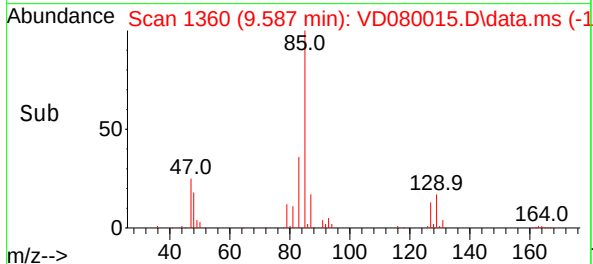
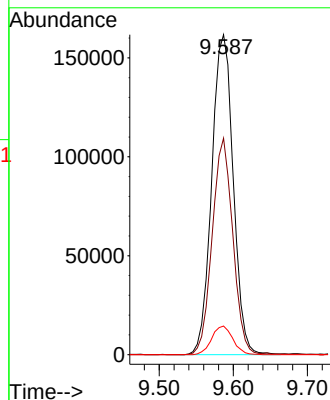
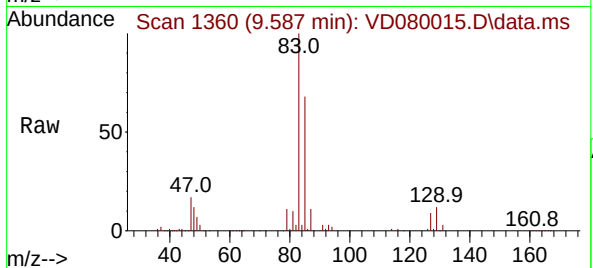




#47
Bromodichloromethane
Concen: 87.091 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

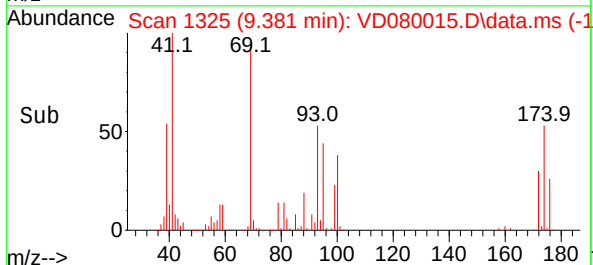
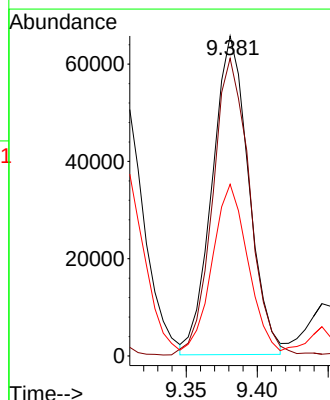
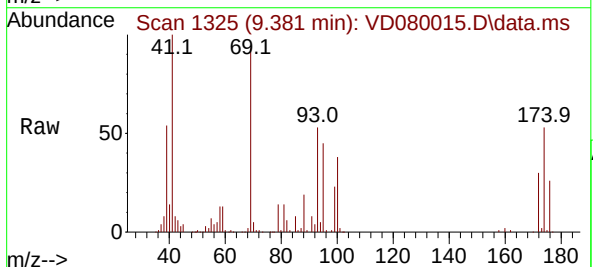
Instrument :
MSVOA_D
ClientSampleId :

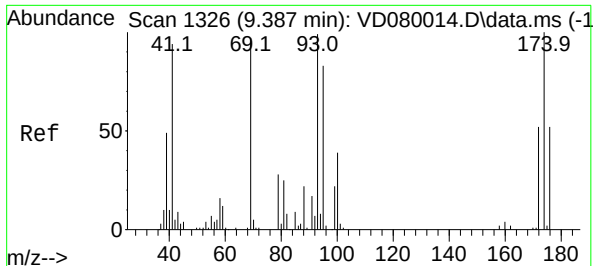
Tgt Ion: 83 Resp: 325889
Ion Ratio Lower Upper
83 100
85 67.7 50.7 76.1
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 100.497 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 41 Resp: 117113
Ion Ratio Lower Upper
41 100
69 95.8 77.0 115.4
39 50.4 41.2 61.8





#49

1,4-Dioxane

Concen: 1968.303 ug/l

RT: 9.387 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

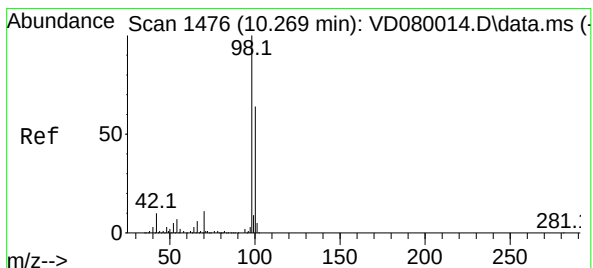
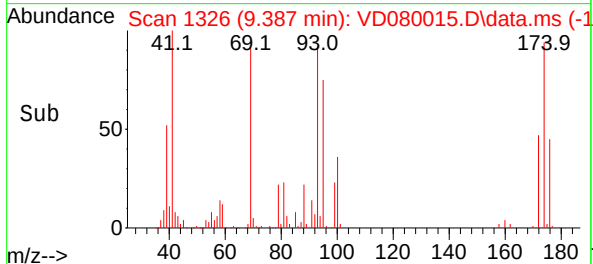
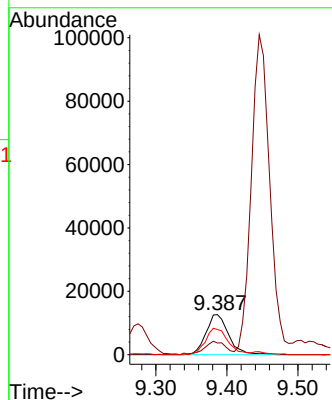
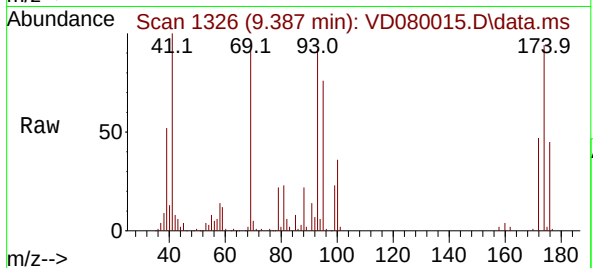
Tgt Ion: 88 Resp: 27994

Ion Ratio Lower Upper

88 100

43 31.7 28.0 42.0

58 65.9 55.2 82.8



#50

Toluene-d8

Concen: 94.384 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080015.D

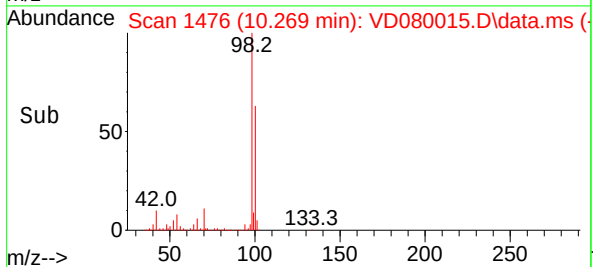
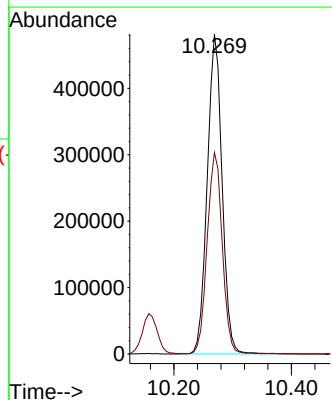
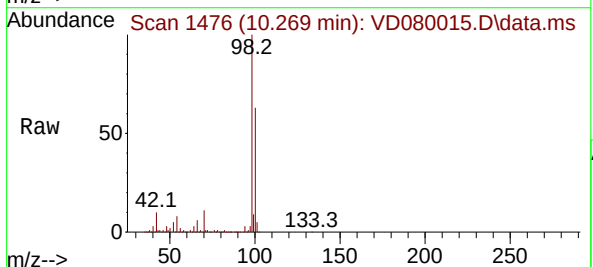
Acq: 14 Nov 2024 19:49

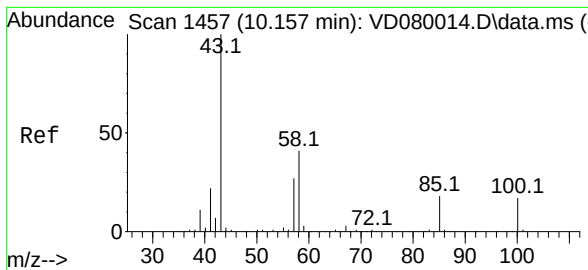
Tgt Ion: 98 Resp: 845419

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

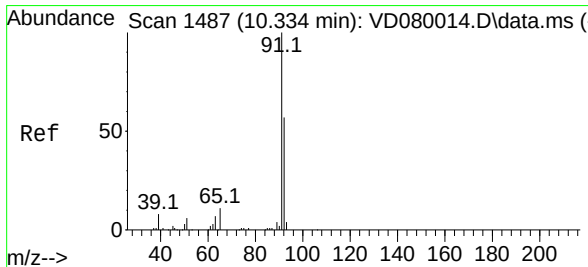
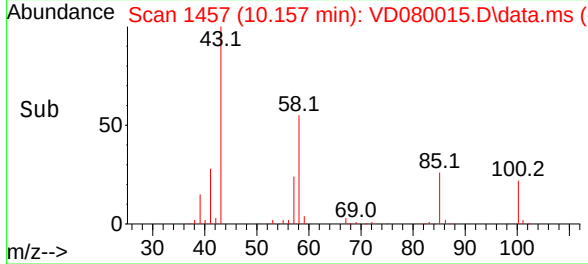
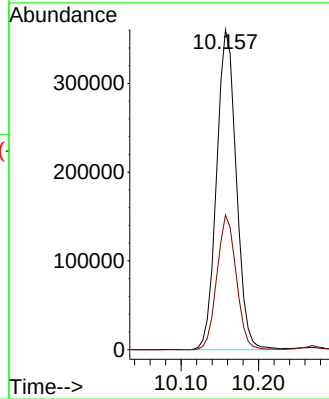
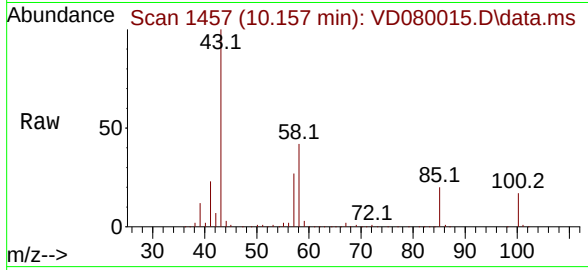




#51
4-Methyl-2-Pentanone
Concen: 485.000 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

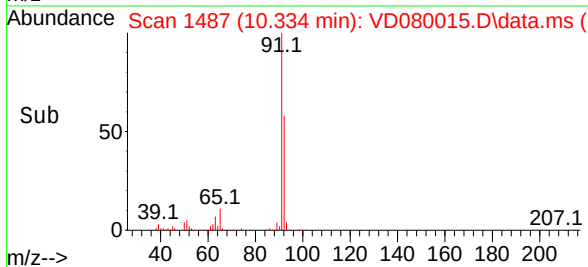
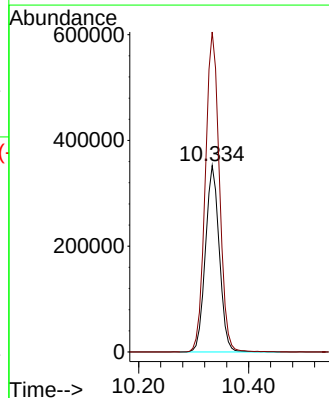
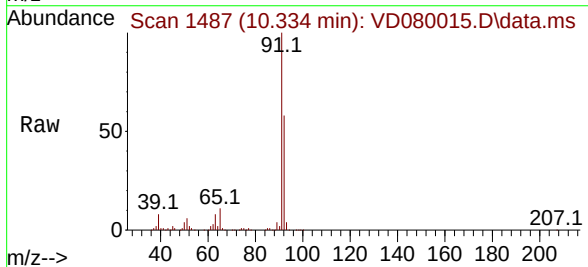
Instrument :
MSVOA_D
ClientSampleId :

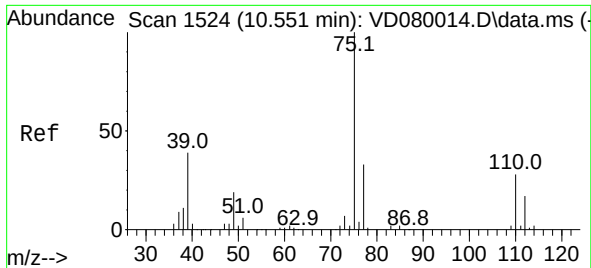
Tgt Ion: 43 Resp: 637277
Ion Ratio Lower Upper
43 100
58 41.4 32.6 48.8



#52
Toluene
Concen: 92.811 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 92 Resp: 616844
Ion Ratio Lower Upper
92 100
91 174.2 141.4 212.2

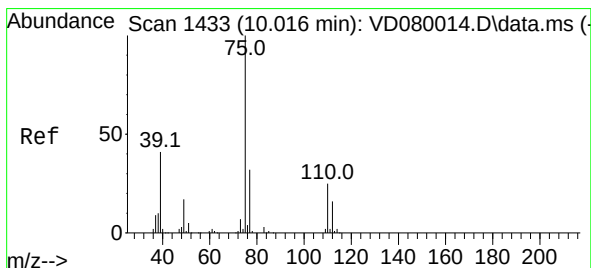
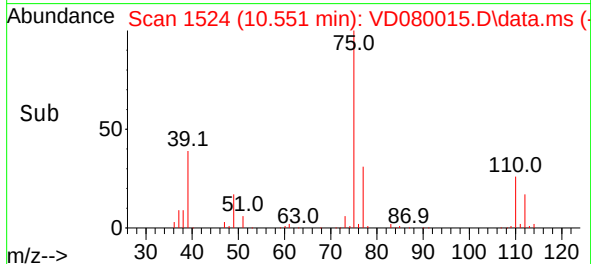
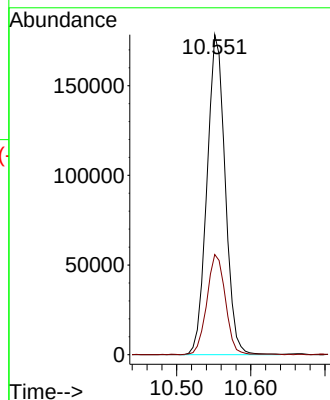
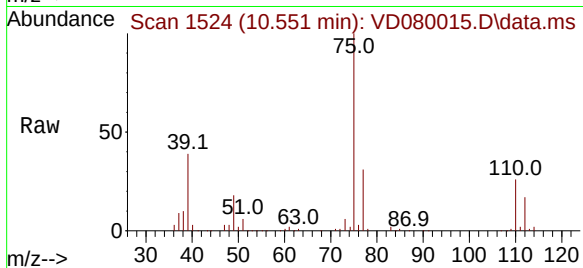




#53
t-1,3-Dichloropropene
Concen: 93.699 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

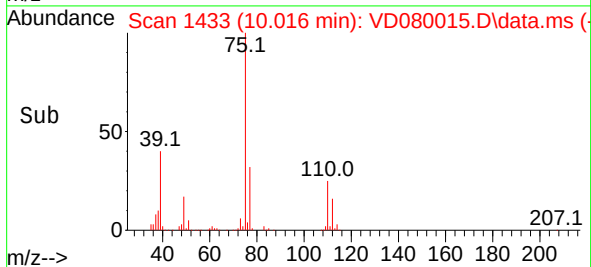
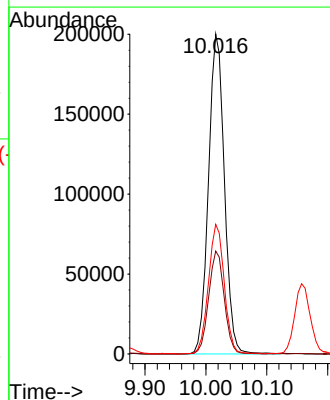
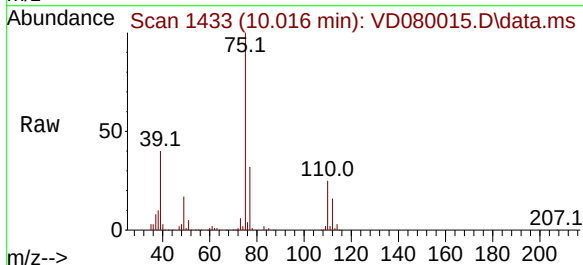
Instrument :
MSVOA_D
ClientSampleId :

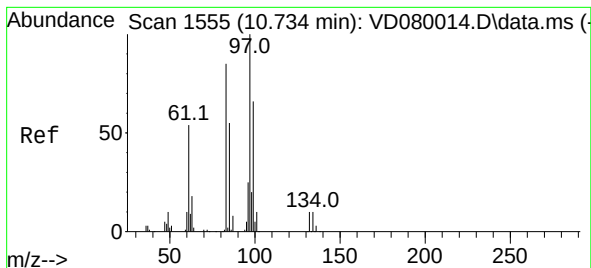
Tgt Ion: 75 Resp: 303989
Ion Ratio Lower Upper
75 100
77 31.3 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 93.418 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 75 Resp: 363193
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 40.5 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 85.664 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

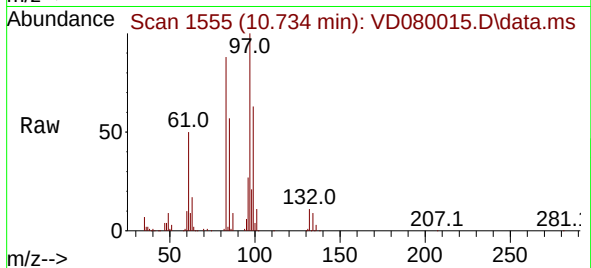
Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 170740

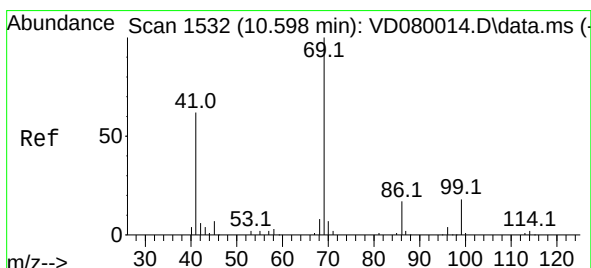
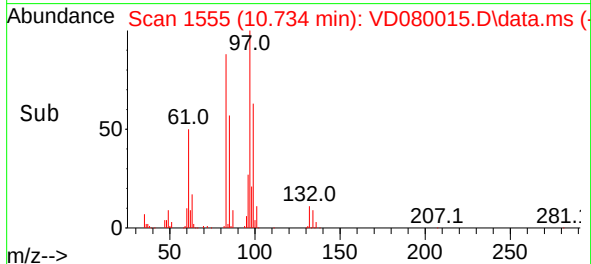
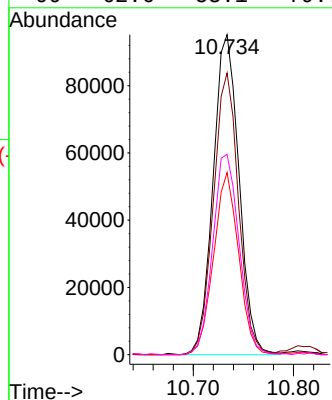
Ion Ratio Lower Upper

97 100

83 88.1 68.2 102.2

85 56.9 44.2 66.2

99 62.6 53.1 79.7



#56

Ethyl methacrylate

Concen: 100.907 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

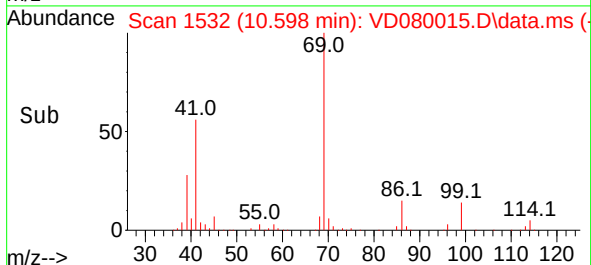
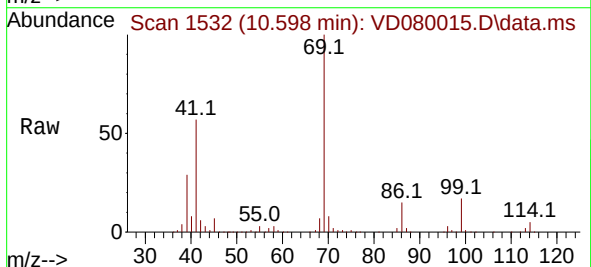
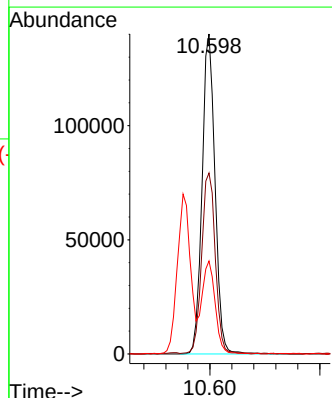
Tgt Ion: 69 Resp: 228662

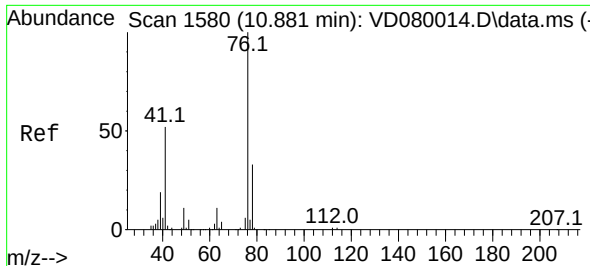
Ion Ratio Lower Upper

69 100

41 59.5 48.0 72.0

39 30.0 25.0 37.4





#57

1,3-Dichloropropane

Concen: 89.715 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

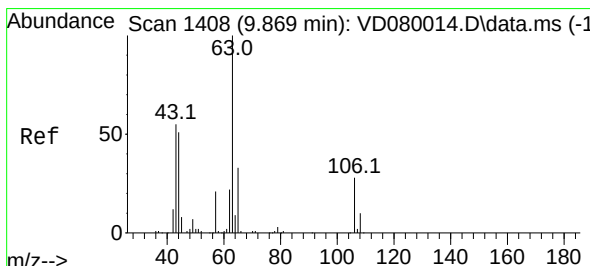
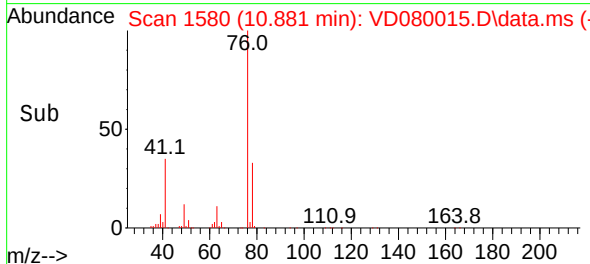
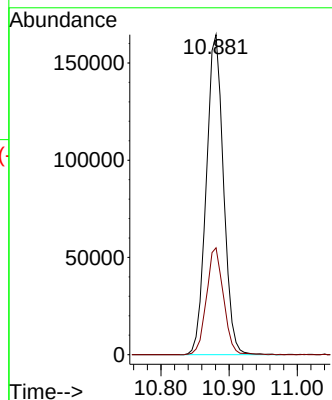
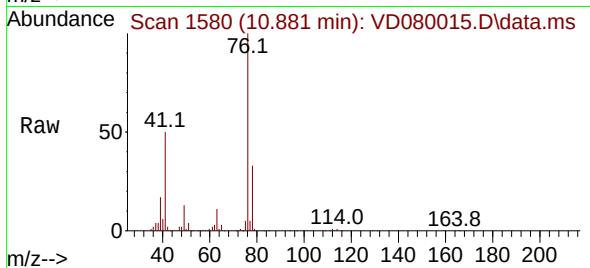
ClientSampleId :

Tgt Ion: 76 Resp: 289077

Ion Ratio Lower Upper

76 100

78 33.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 559.630 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080015.D

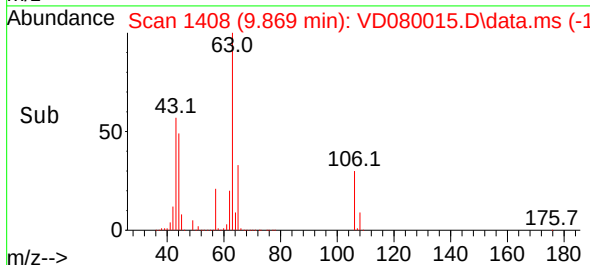
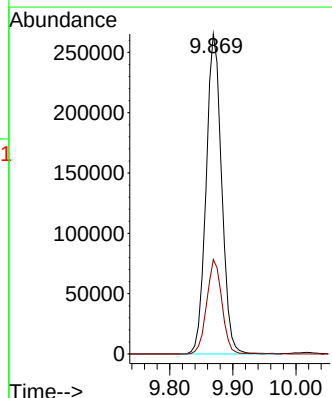
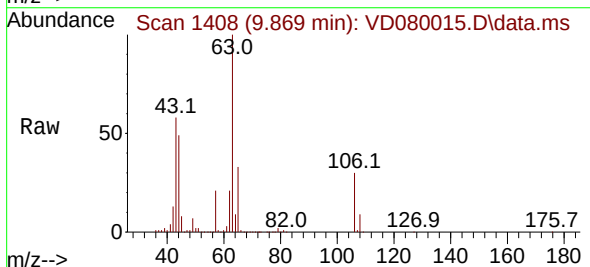
Acq: 14 Nov 2024 19:49

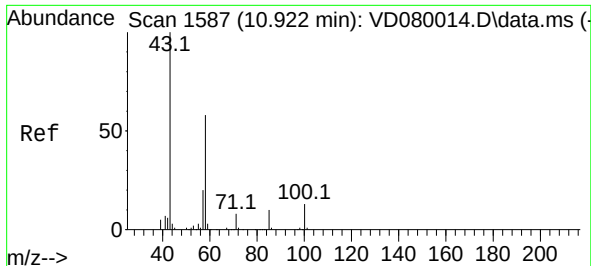
Tgt Ion: 63 Resp: 452869

Ion Ratio Lower Upper

63 100

106 29.0 23.3 34.9





#59

2-Hexanone

Concen: 524.307 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

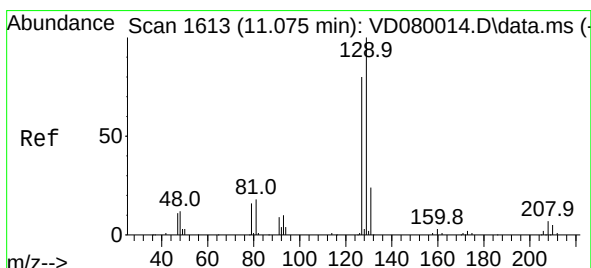
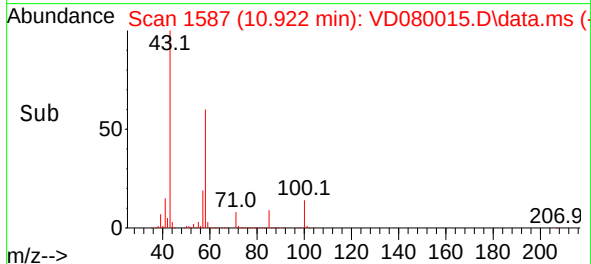
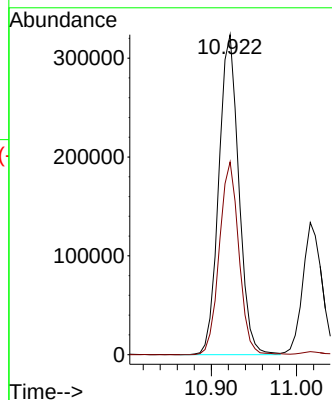
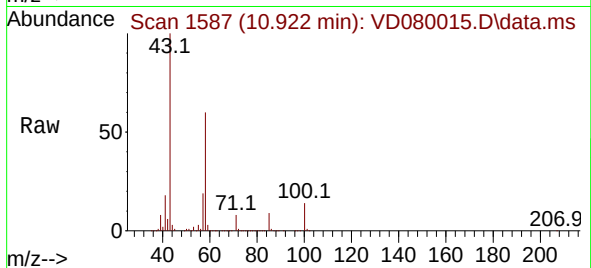
ClientSampleId :

Tgt Ion: 43 Resp: 528686

Ion Ratio Lower Upper

43 100

58 58.8 29.1 87.4



#60

Dibromochloromethane

Concen: 89.036 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD080015.D

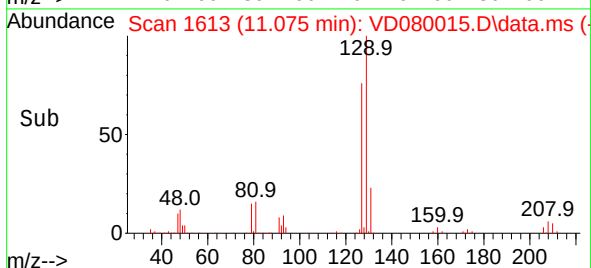
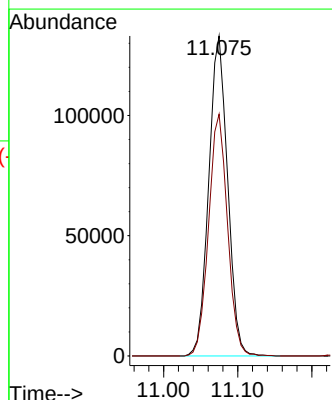
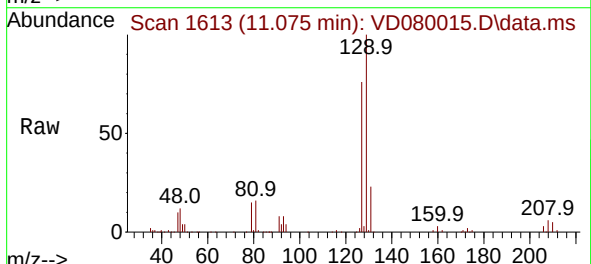
Acq: 14 Nov 2024 19:49

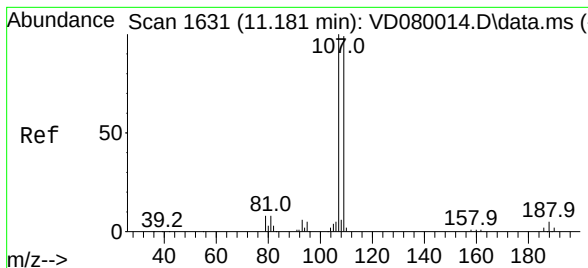
Tgt Ion:129 Resp: 235025

Ion Ratio Lower Upper

129 100

127 75.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 89.950 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

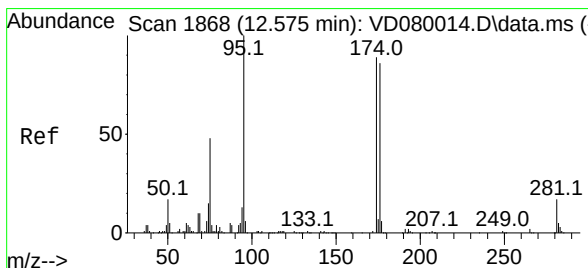
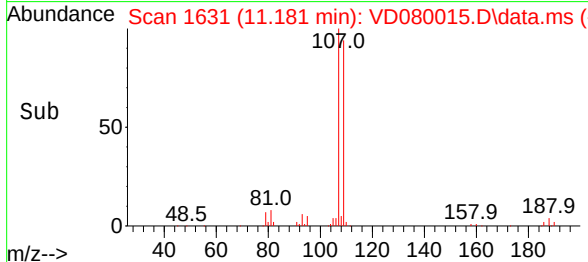
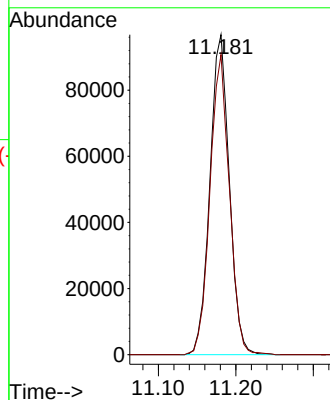
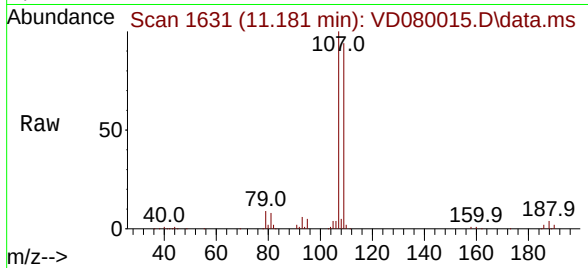
ClientSampleId :

Tgt Ion:107 Resp: 168291

Ion Ratio Lower Upper

107 100

109 93.7 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 93.939 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

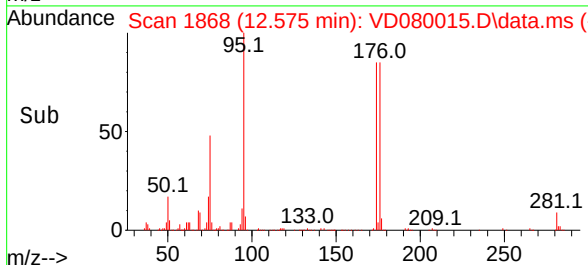
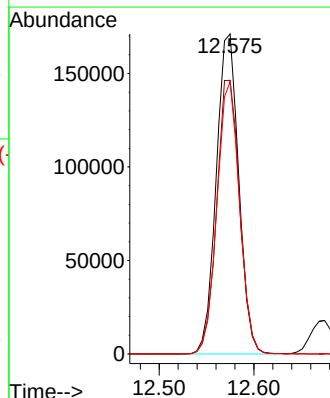
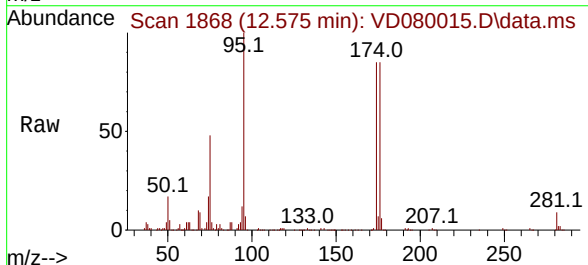
Tgt Ion: 95 Resp: 282236

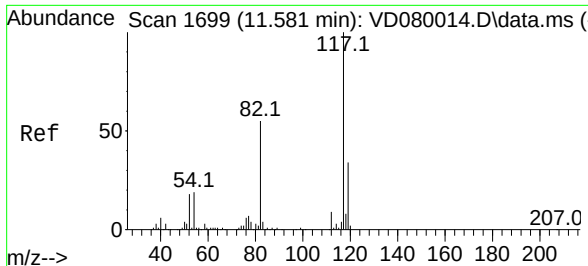
Ion Ratio Lower Upper

95 100

174 87.1 0.0 172.2

176 84.9 0.0 166.0

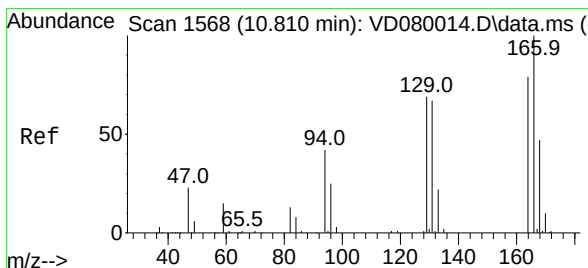
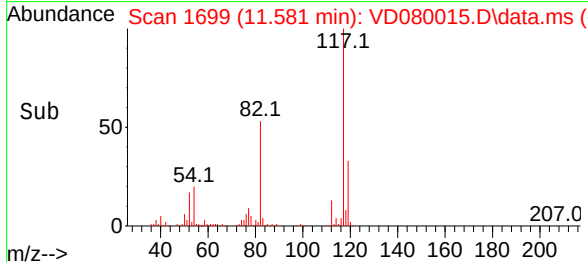
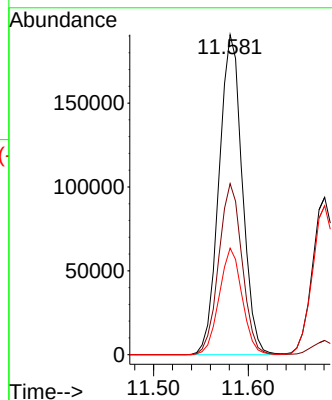
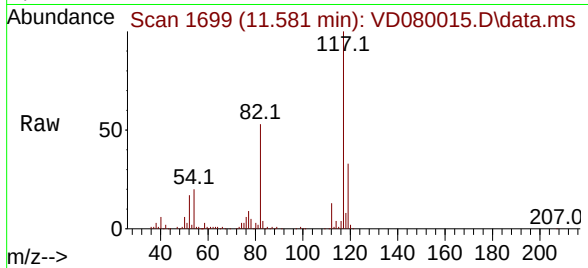




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

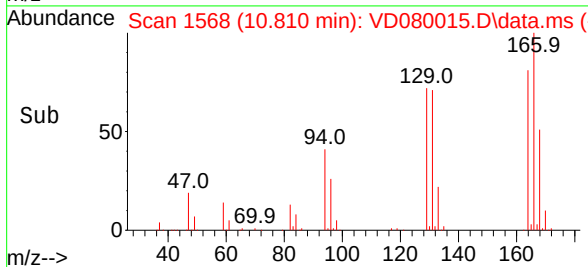
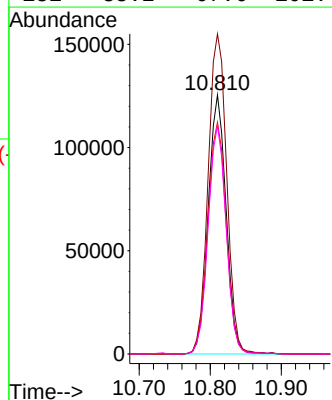
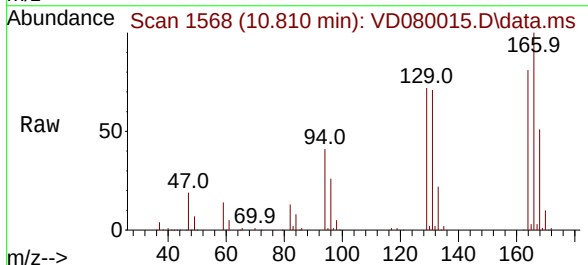
Instrument :
MSVOA_D
ClientSampleId :

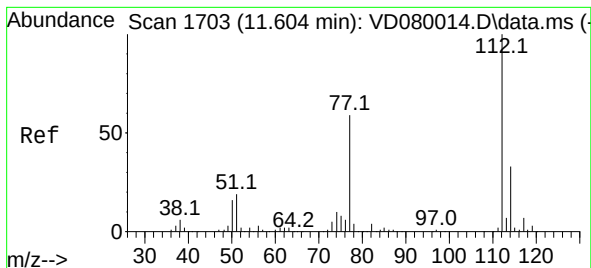
Tgt Ion:117 Resp: 325872
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 33.3 26.8 40.2



#64
Tetrachloroethene
Concen: 89.506 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion:164 Resp: 220152
Ion Ratio Lower Upper
164 100
166 123.5 101.4 152.2
129 89.5 69.6 104.4
131 88.2 67.6 101.4

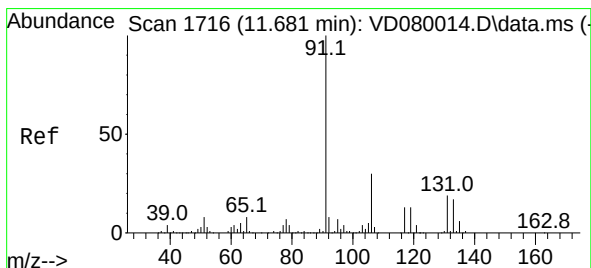
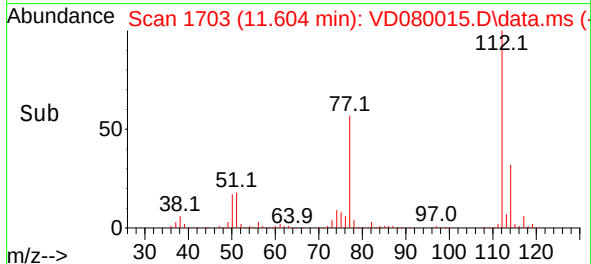
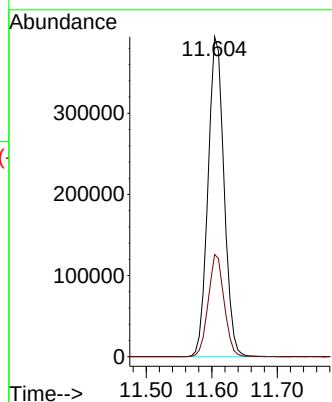
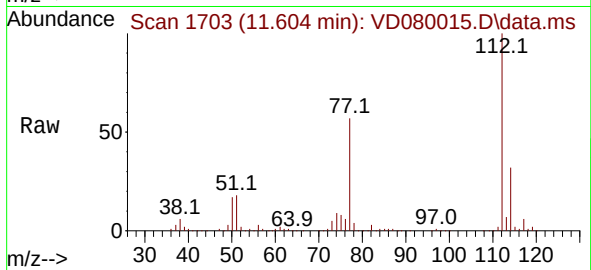




#65
Chlorobenzene
Concen: 89.780 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

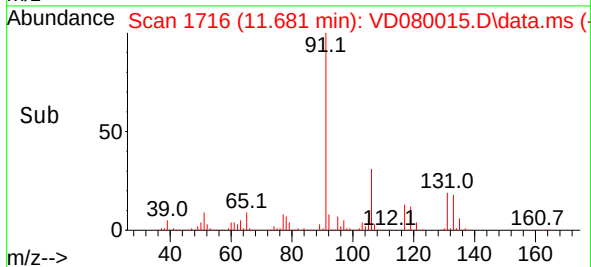
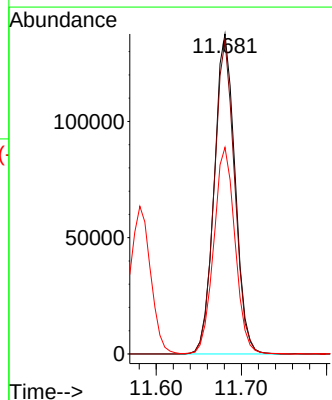
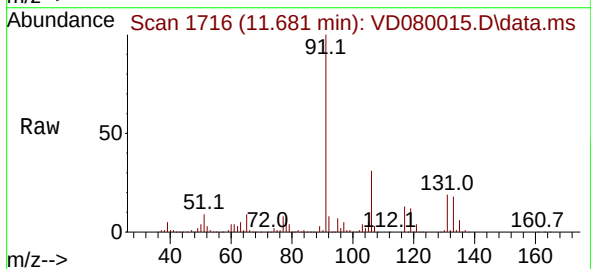
Instrument :
MSVOA_D
ClientSampleId :

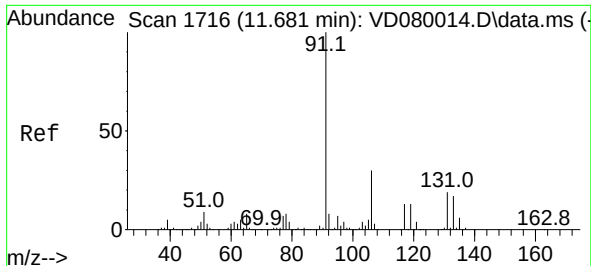
Tgt Ion:112 Resp: 670292
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 88.018 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion:131 Resp: 233621
Ion Ratio Lower Upper
131 100
133 96.1 46.5 139.5
119 65.9 33.0 98.9





#67

Ethyl Benzene

Concen: 95.323 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

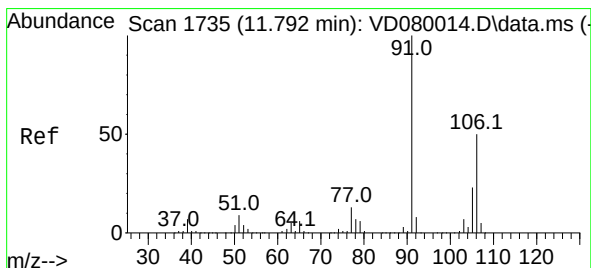
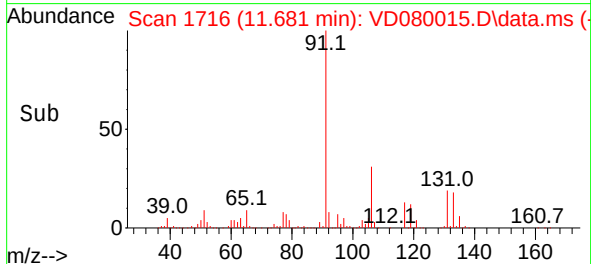
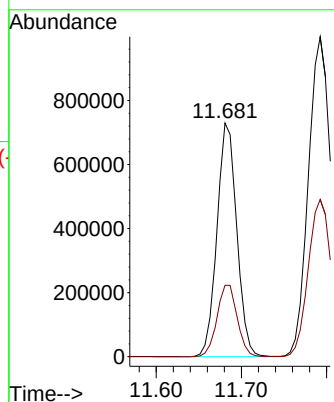
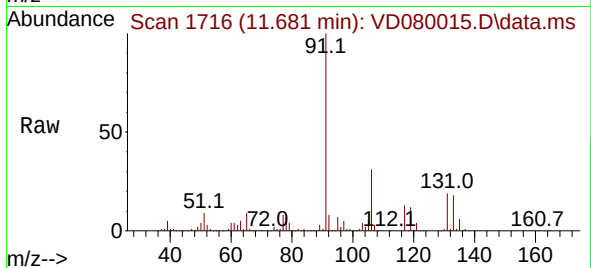
ClientSampleId :

Tgt Ion: 91 Resp: 1177961

Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6



#68

m/p-Xylenes

Concen: 190.083 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD080015.D

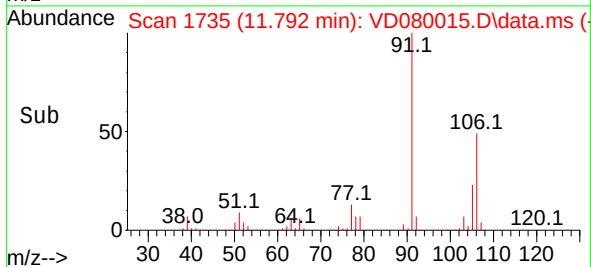
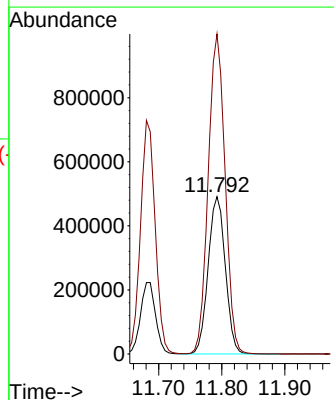
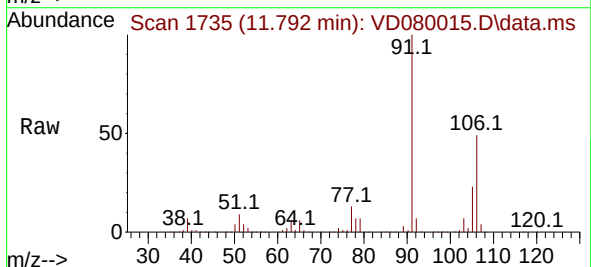
Acq: 14 Nov 2024 19:49

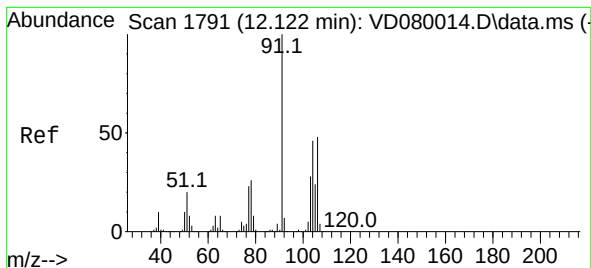
Tgt Ion:106 Resp: 926258

Ion Ratio Lower Upper

106 100

91 200.1 161.0 241.4





#69

o-Xylene

Concen: 97.168 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

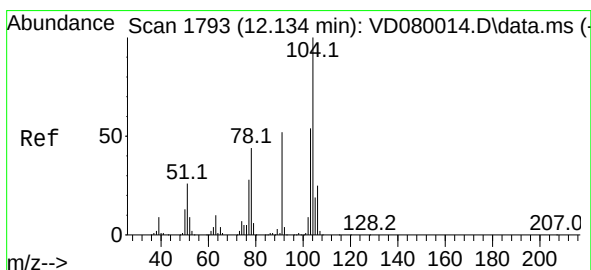
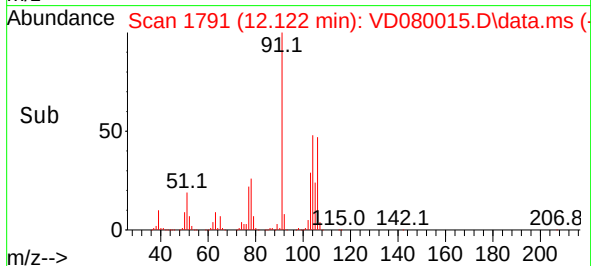
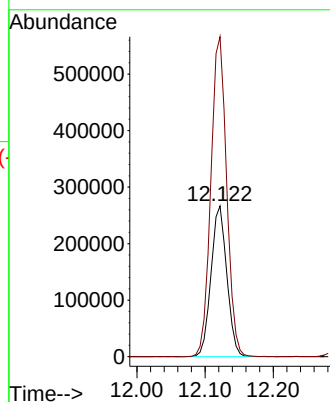
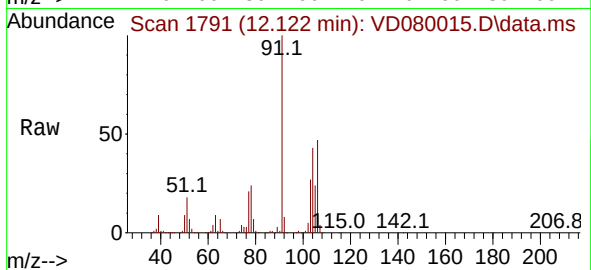
ClientSampleId :

Tgt Ion:106 Resp: 429993

Ion Ratio Lower Upper

106 100

91 212.5 105.8 317.6



#70

Styrene

Concen: 96.990 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

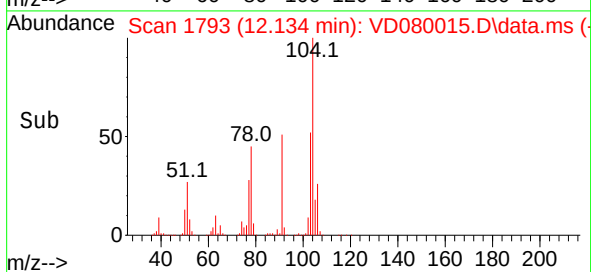
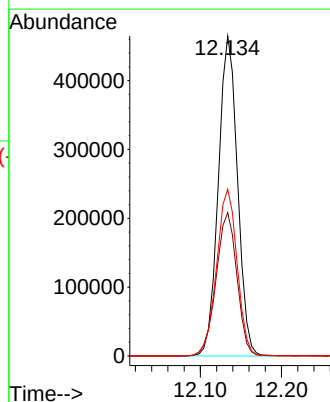
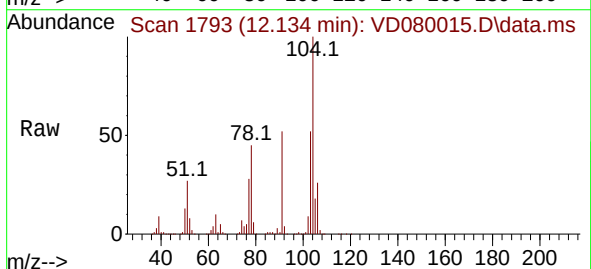
Tgt Ion:104 Resp: 763058

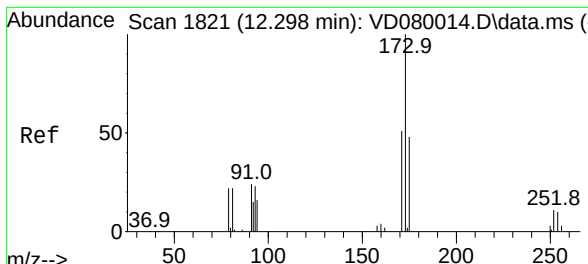
Ion Ratio Lower Upper

104 100

78 48.6 39.8 59.6

103 55.9 45.4 68.0

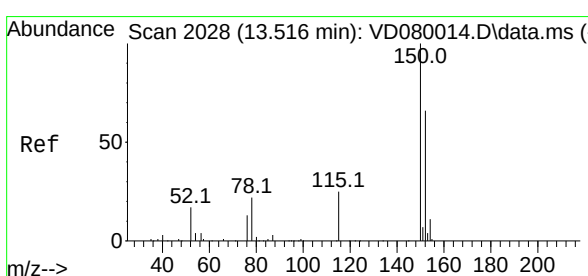
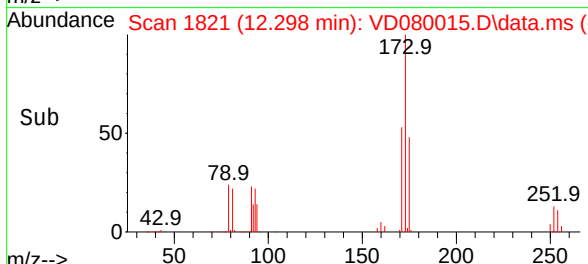
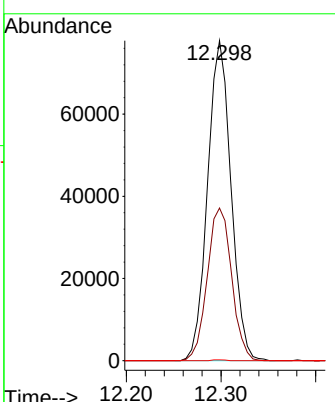
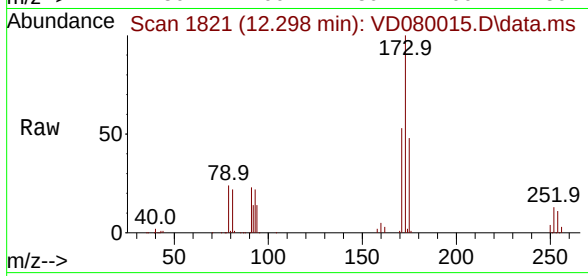




#71
 Bromoform
 Concen: 89.391 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD080015.D
 Acq: 14 Nov 2024 19:49

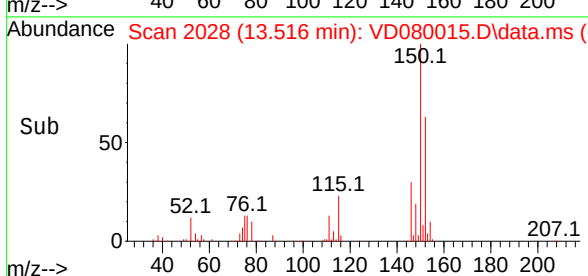
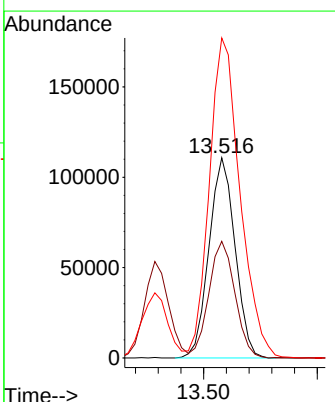
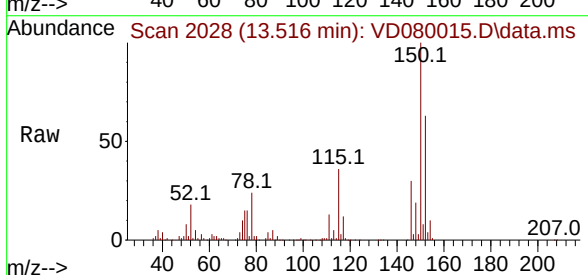
Instrument :
 MSVOA_D
 ClientSampleId :

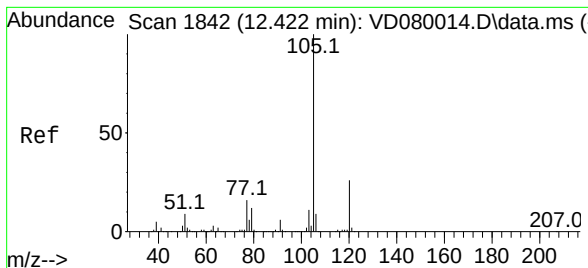
Tgt Ion:	173	Resp:	133968
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.2	72.6
254	0.1	0.0	0.0#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD080015.D
 Acq: 14 Nov 2024 19:49

Tgt Ion:	152	Resp:	176457
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.7	86.3
150	188.5	0.0	353.8





#73

Isopropylbenzene

Concen: 93.315 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

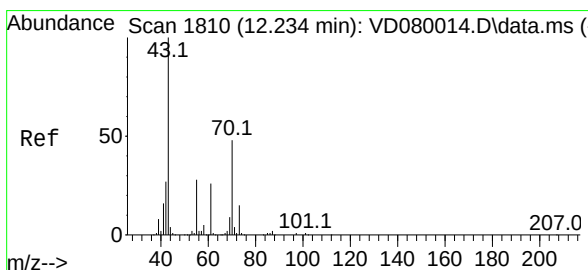
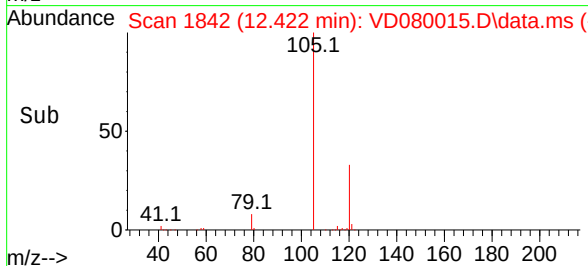
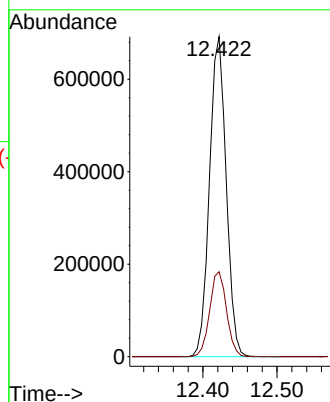
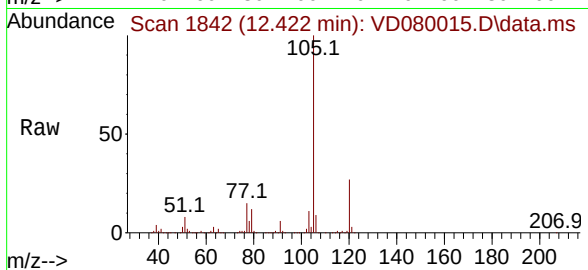
ClientSampleId :

Tgt Ion:105 Resp: 1081697

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 96.060 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Tgt Ion: 43 Resp: 237673

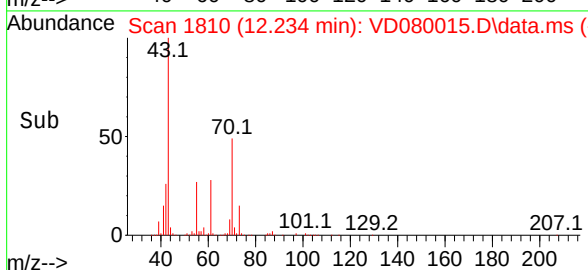
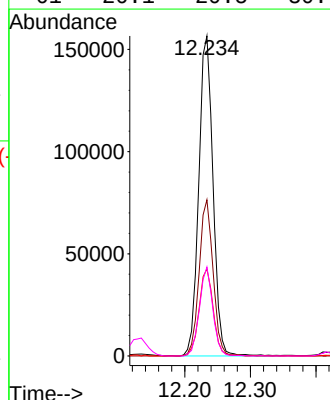
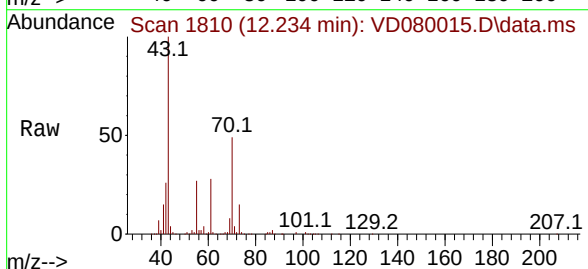
Ion Ratio Lower Upper

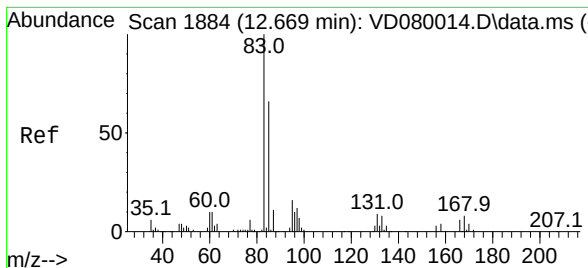
43 100

70 47.6 37.4 56.0

55 27.0 21.8 32.8

61 26.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 86.720 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

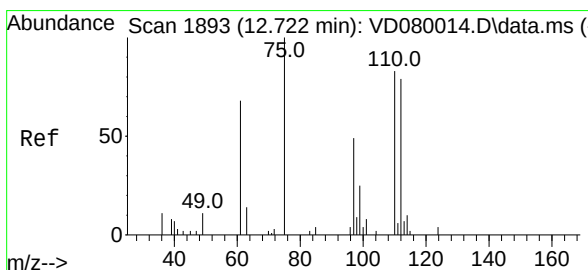
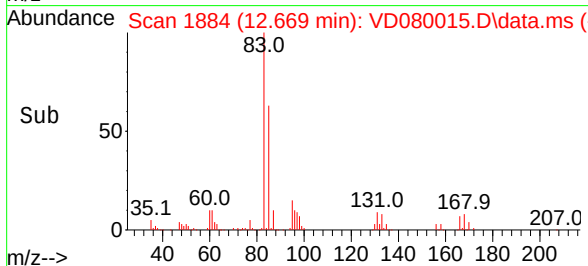
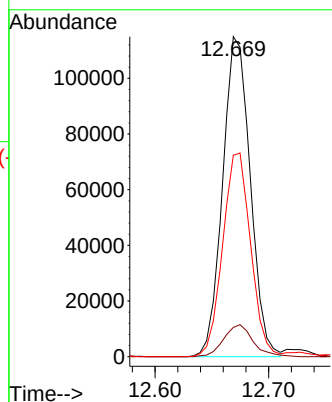
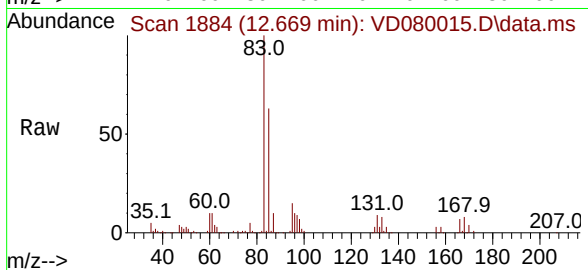
Tgt Ion: 83 Resp: 194365

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 64.4 31.2 93.6



#76

1,2,3-Trichloropropane

Concen: 166.672 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD080015.D

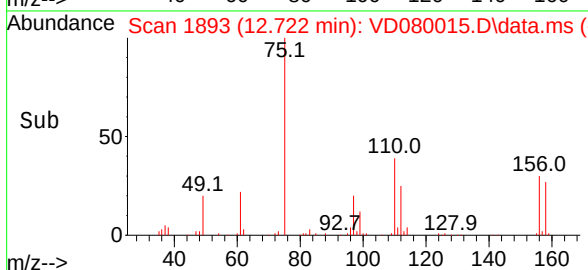
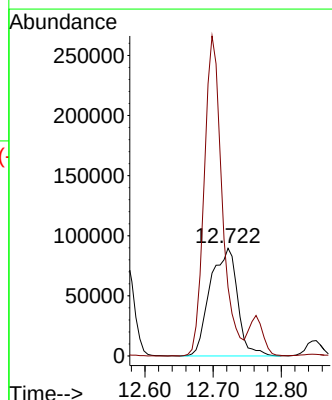
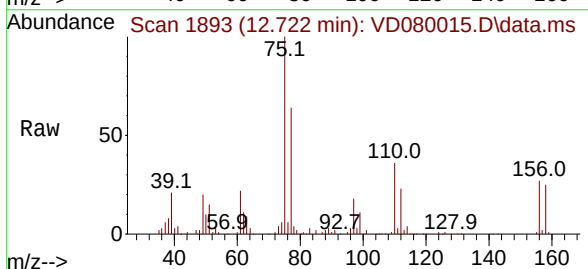
Acq: 14 Nov 2024 19:49

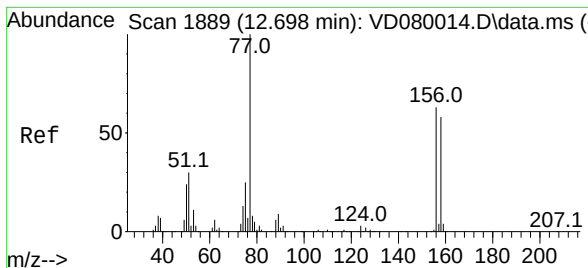
Tgt Ion: 75 Resp: 250774

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 90.798 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

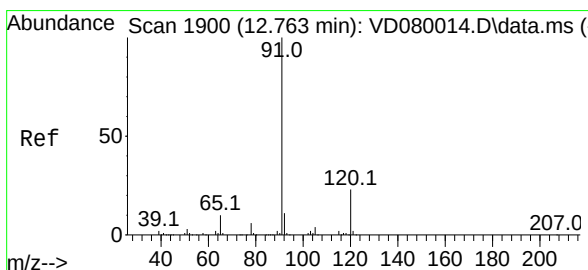
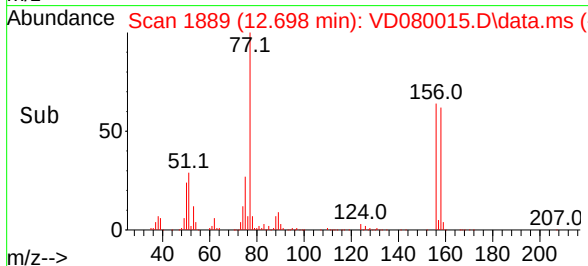
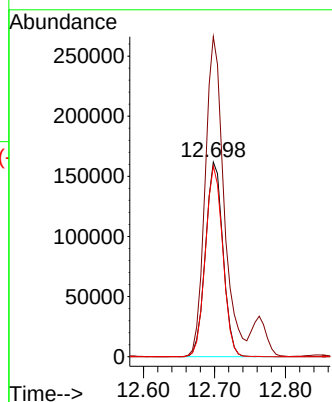
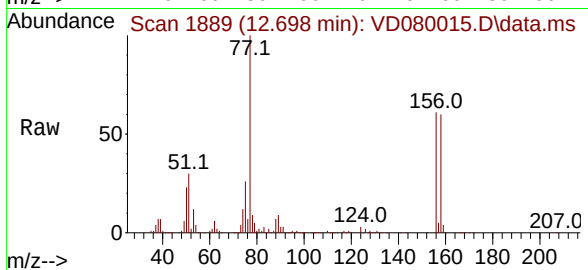
Tgt Ion:156 Resp: 277137

Ion Ratio Lower Upper

156 100

77 176.8 84.9 254.6

158 97.2 47.8 143.3



#78

n-propylbenzene

Concen: 92.910 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD080015.D

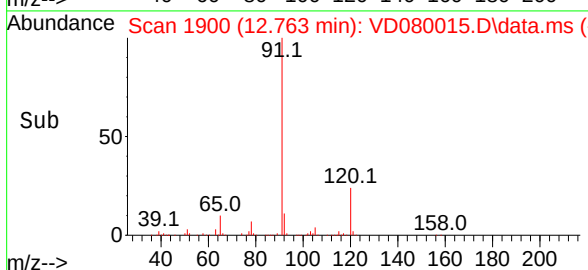
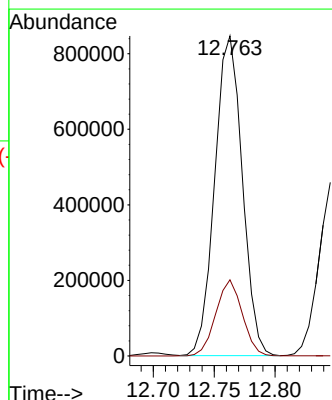
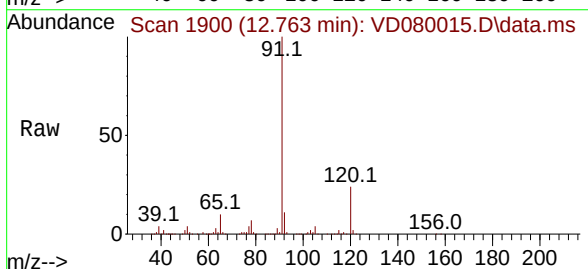
Acq: 14 Nov 2024 19:49

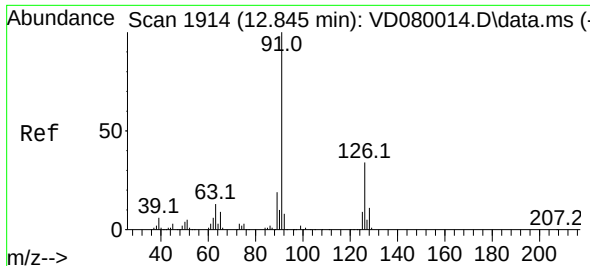
Tgt Ion: 91 Resp: 1332748

Ion Ratio Lower Upper

91 100

120 22.9 11.4 34.1





#79

2-Chlorotoluene

Concen: 90.796 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

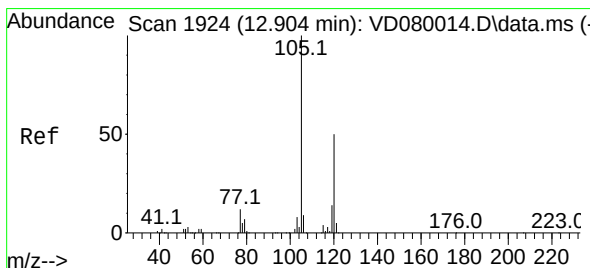
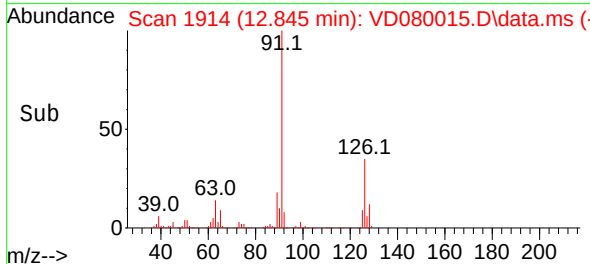
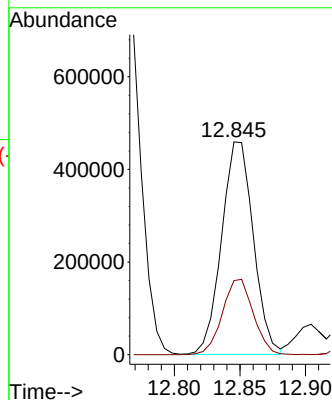
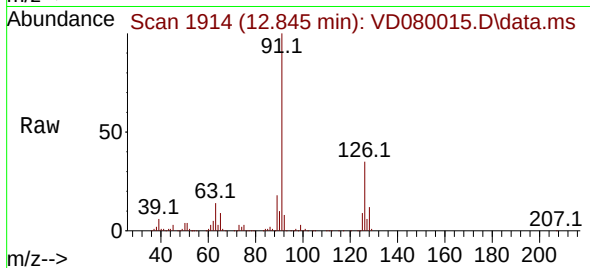
ClientSampleId :

Tgt Ion: 91 Resp: 774118

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 94.208 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080015.D

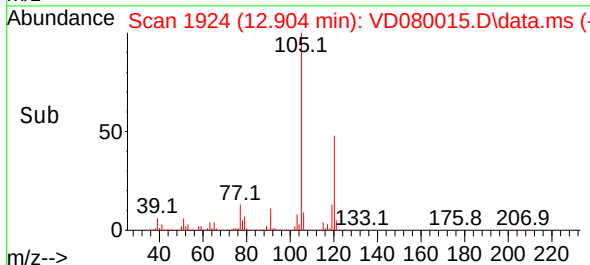
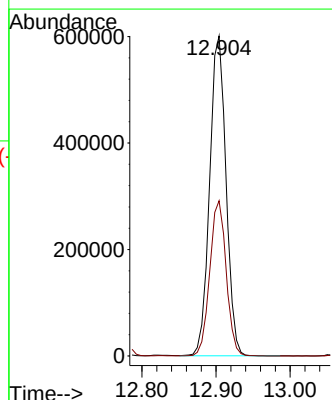
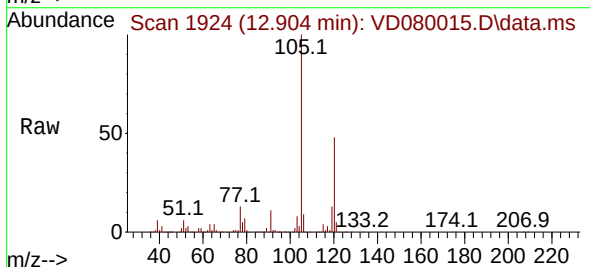
Acq: 14 Nov 2024 19:49

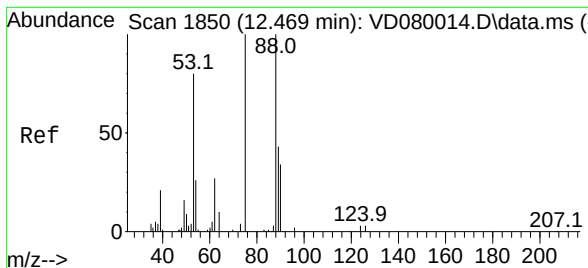
Tgt Ion:105 Resp: 923689

Ion Ratio Lower Upper

105 100

120 48.6 24.6 74.0

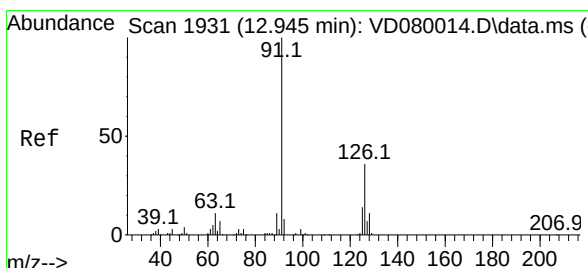
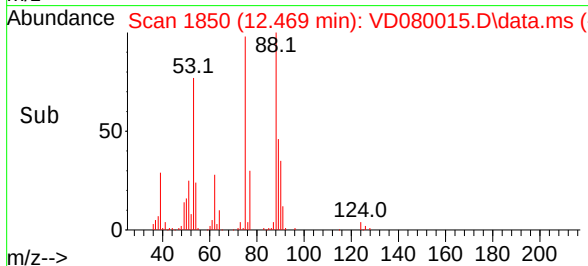
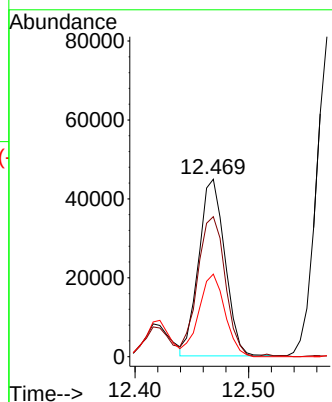
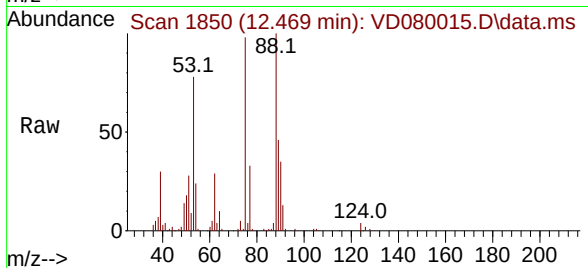




#81
trans-1,4-Dichloro-2-butene
Concen: 91.750 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

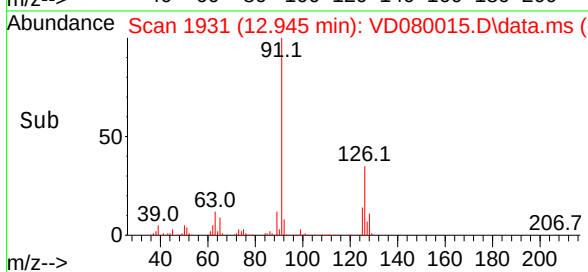
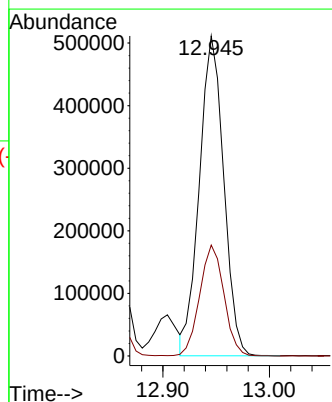
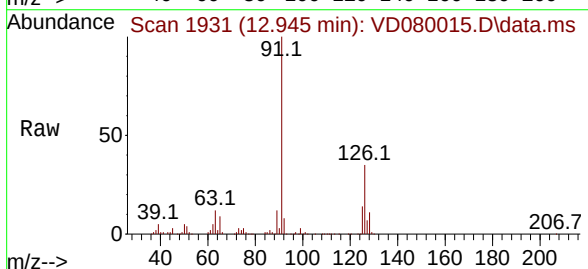
Instrument :
MSVOA_D
ClientSampleId :

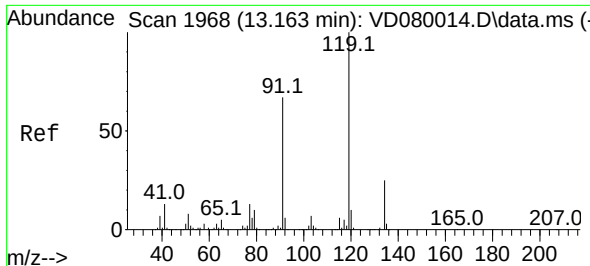
Tgt Ion: 75 Resp: 71380
Ion Ratio Lower Upper
75 100
53 83.2 66.7 100.1
89 46.9 37.7 56.5



#82
4-Chlorotoluene
Concen: 89.689 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion: 91 Resp: 812011
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.3

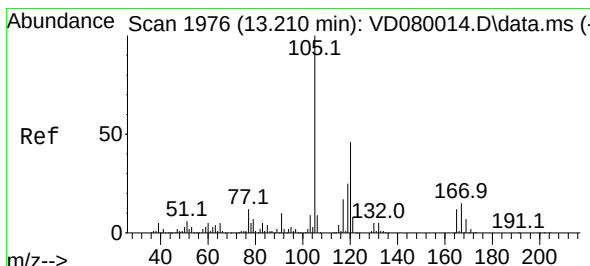
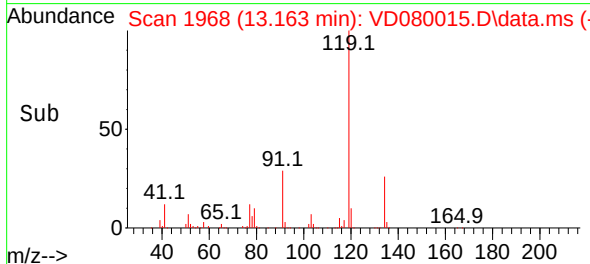
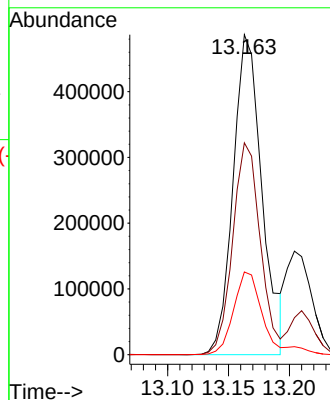
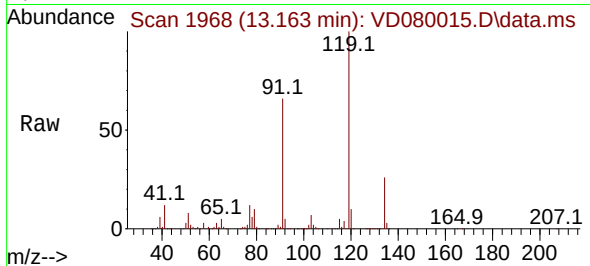




#83
tert-Butylbenzene
Concen: 94.781 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

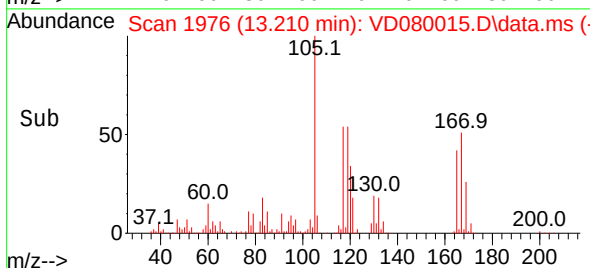
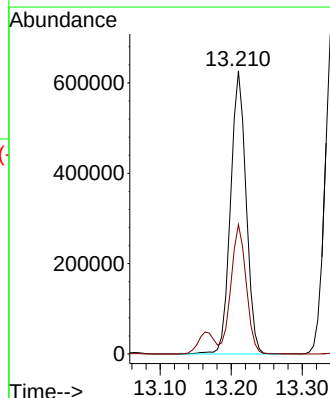
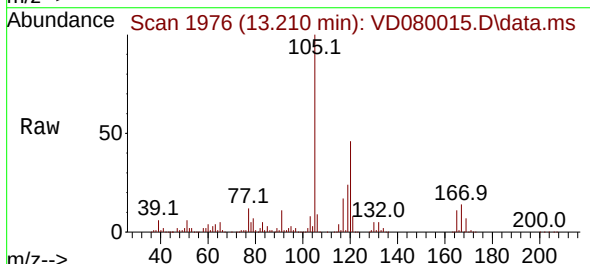
Instrument :
MSVOA_D
ClientSampleId :

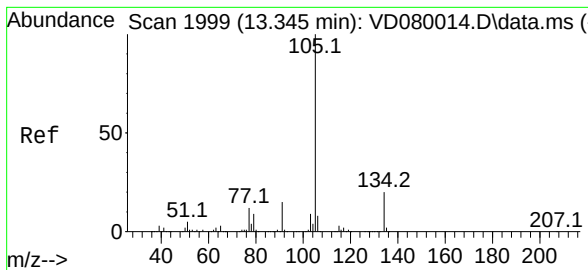
Tgt Ion:119 Resp: 801892
Ion Ratio Lower Upper
119 100
91 63.4 31.4 94.3
134 26.6 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 95.373 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion:105 Resp: 950637
Ion Ratio Lower Upper
105 100
120 44.9 22.8 68.3

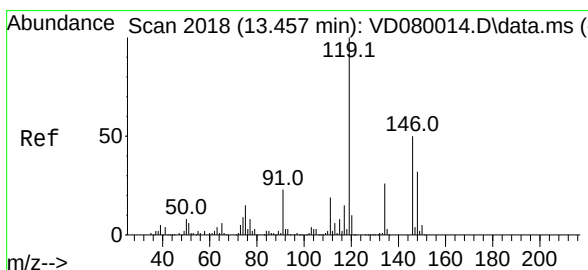
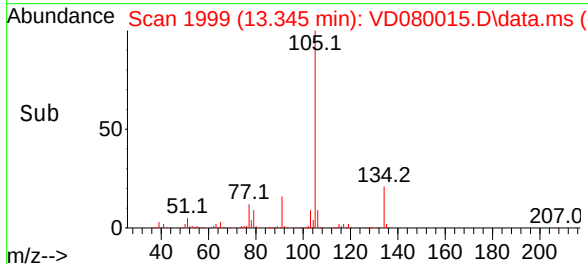
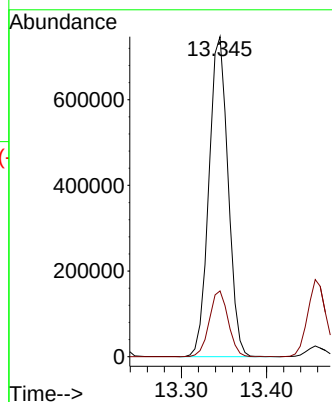
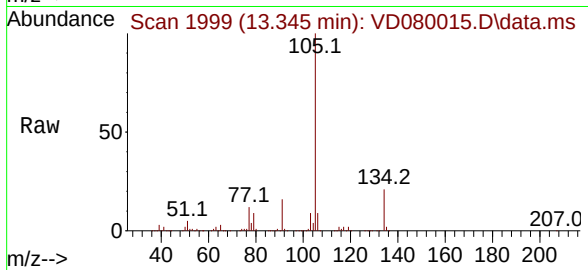




#85
 sec-Butylbenzene
 Concen: 91.962 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD080015.D
 Acq: 14 Nov 2024 19:49

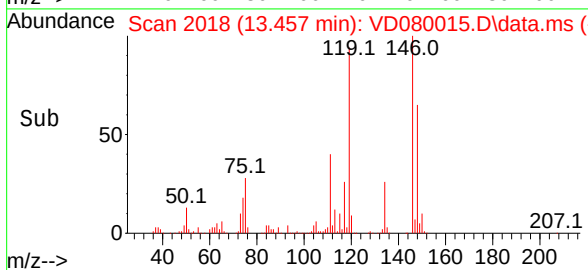
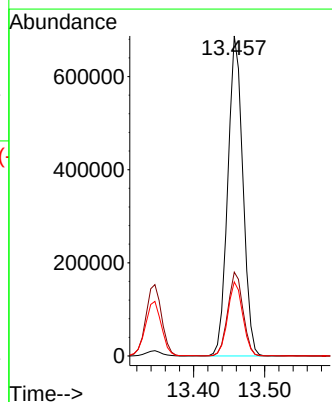
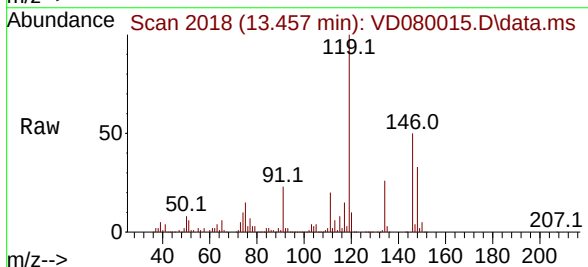
Instrument :
 MSVOA_D
 ClientSampleId :

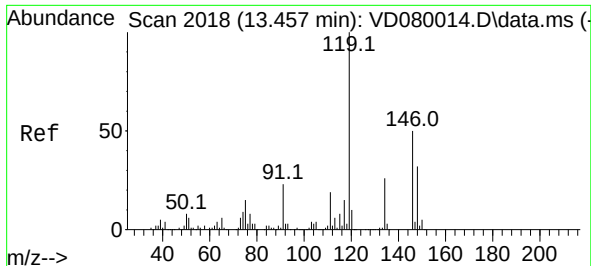
Tgt Ion:105 Resp: 1165410
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 94.237 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD080015.D
 Acq: 14 Nov 2024 19:49

Tgt Ion:119 Resp: 1013231
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.2 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 87.299 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

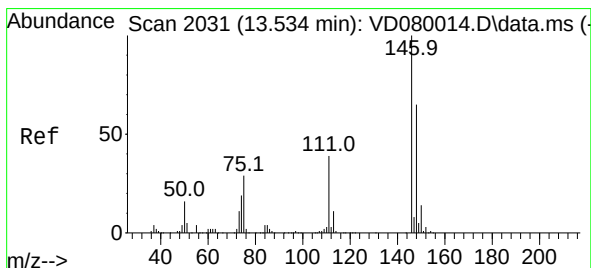
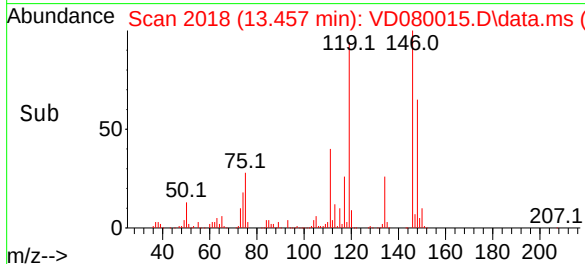
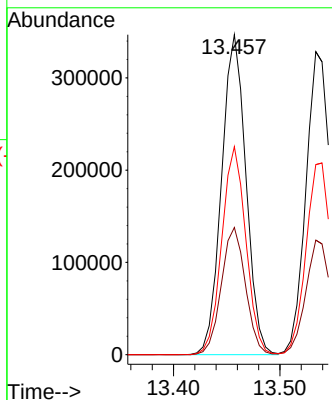
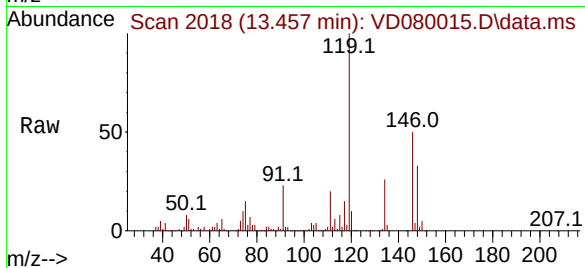
Tgt Ion:146 Resp: 551352

Ion Ratio Lower Upper

146 100

111 39.3 19.1 57.1

148 64.2 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 84.455 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

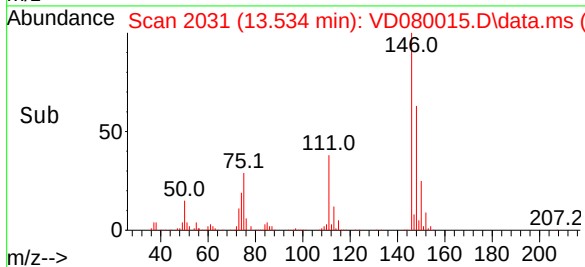
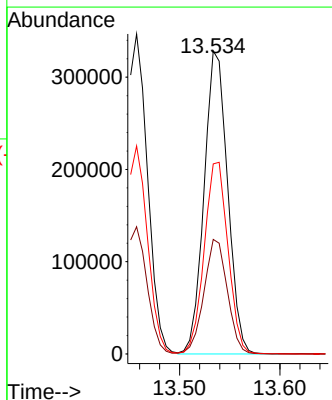
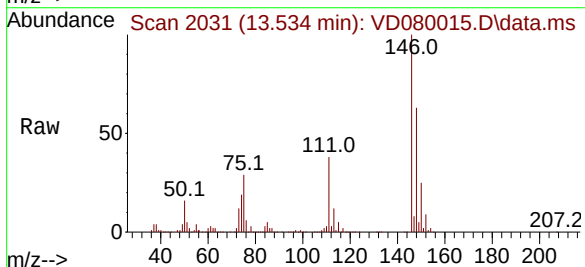
Tgt Ion:146 Resp: 537021

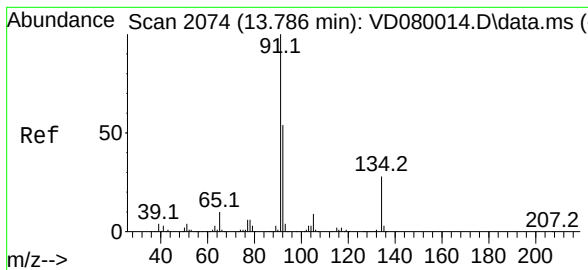
Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

148 64.0 32.1 96.5

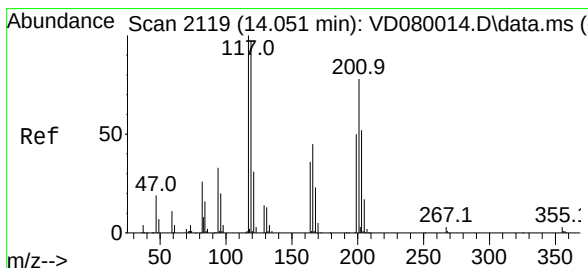
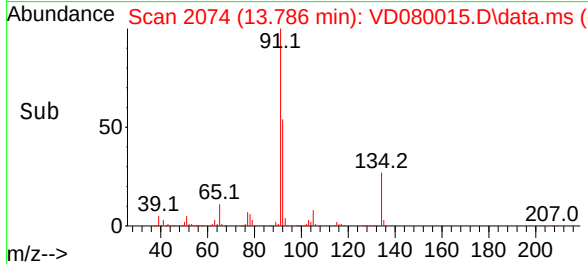
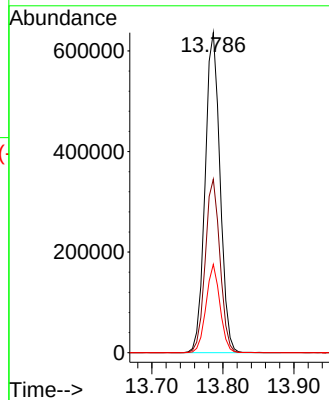
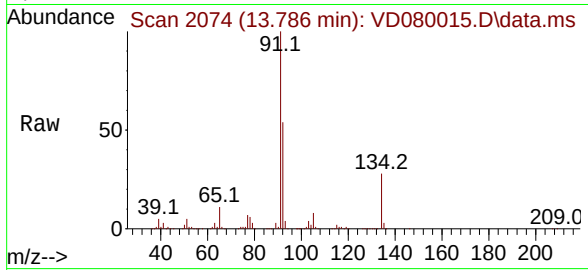




#89
n-Butylbenzene
Concen: 93.155 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

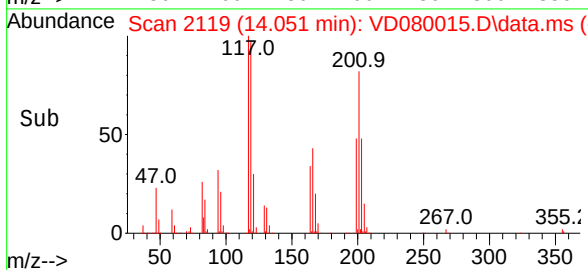
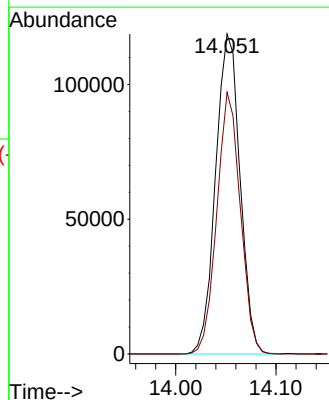
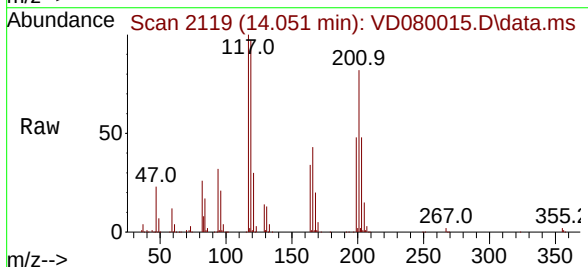
Instrument :
MSVOA_D
ClientSampleId :

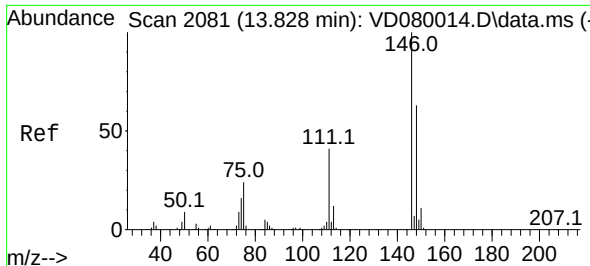
Tgt Ion: 91 Resp: 931105
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.6
134 25.8 13.6 40.7



#90
Hexachloroethane
Concen: 85.778 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD080015.D
Acq: 14 Nov 2024 19:49

Tgt Ion:117 Resp: 201104
Ion Ratio Lower Upper
117 100
201 78.5 40.5 121.5





#91

1,2-Dichlorobenzene

Concen: 86.753 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

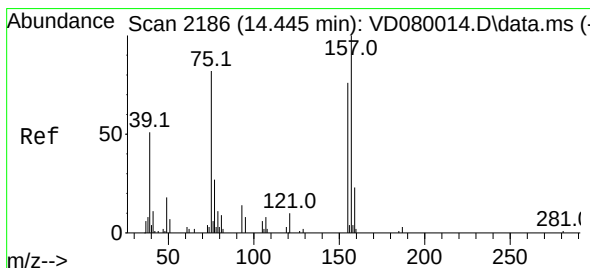
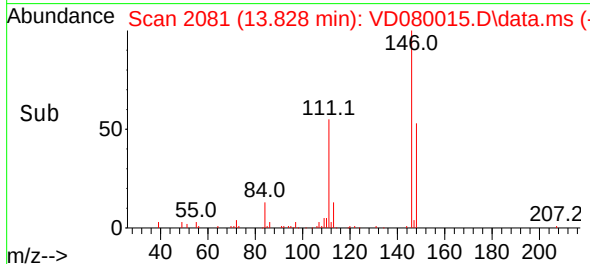
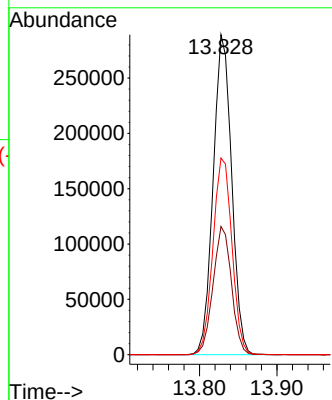
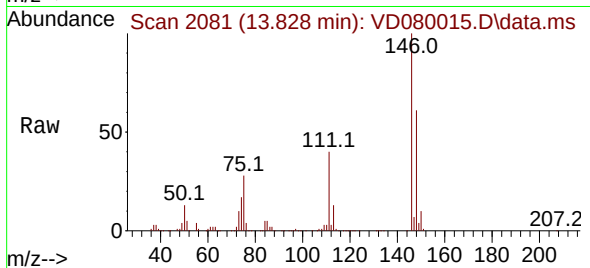
Tgt Ion:146 Resp: 478970

Ion Ratio Lower Upper

146 100

111 40.0 20.0 59.9

148 63.3 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 83.194 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

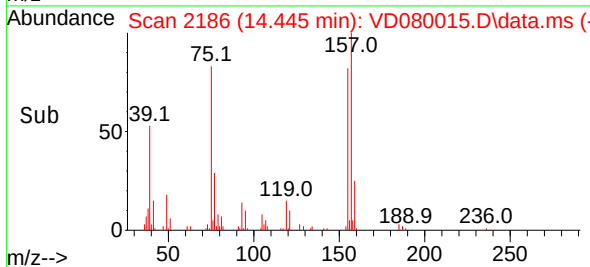
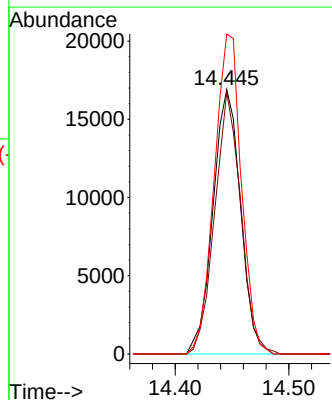
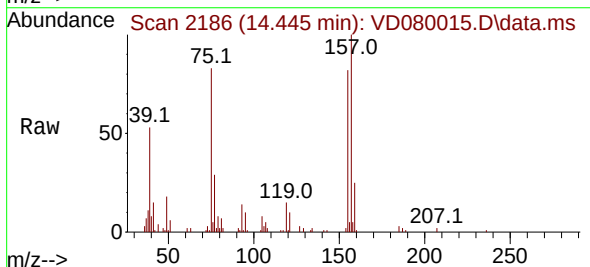
Tgt Ion: 75 Resp: 28468

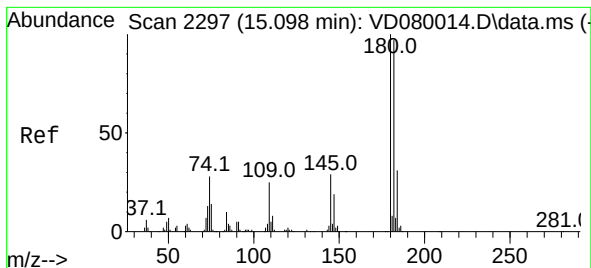
Ion Ratio Lower Upper

75 100

155 93.7 45.6 136.8

157 119.2 59.4 178.1





#93

1,2,4-Trichlorobenzene

Concen: 91.985 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

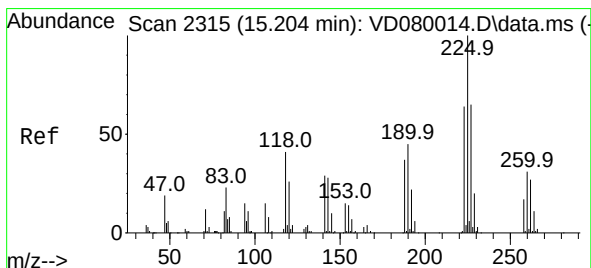
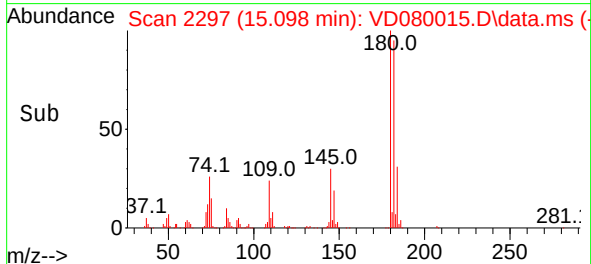
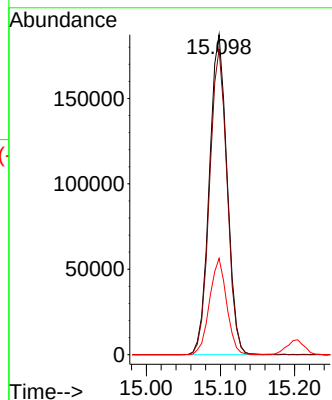
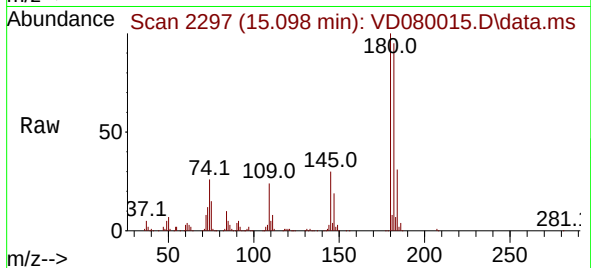
Tgt Ion:180 Resp: 311311

Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.6

145 28.9 14.4 43.4



#94

Hexachlorobutadiene

Concen: 85.867 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

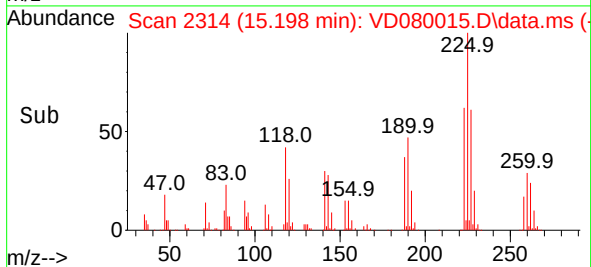
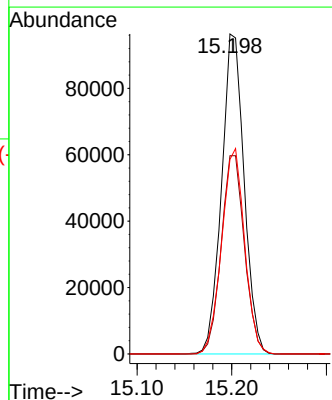
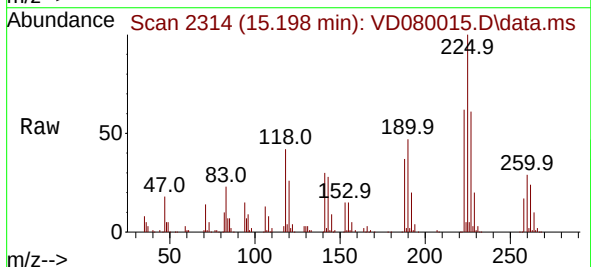
Tgt Ion:225 Resp: 159481

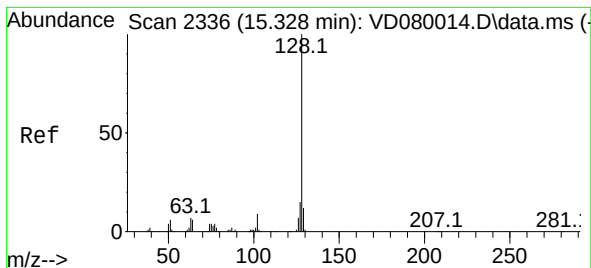
Ion Ratio Lower Upper

225 100

223 64.0 32.0 96.2

227 65.3 32.2 96.6





#95

Naphthalene

Concen: 100.027 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

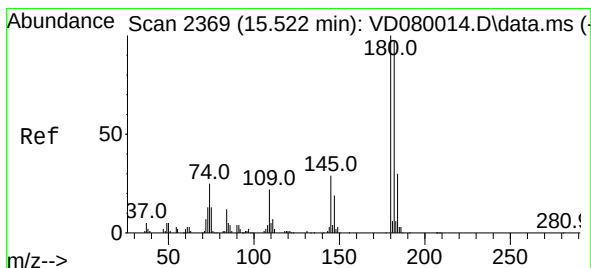
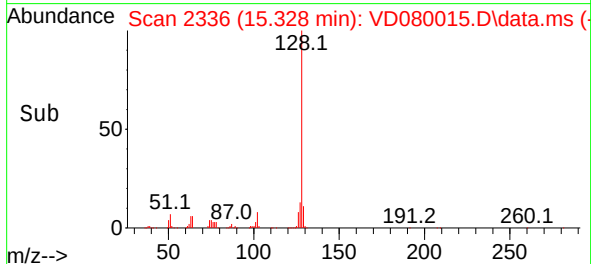
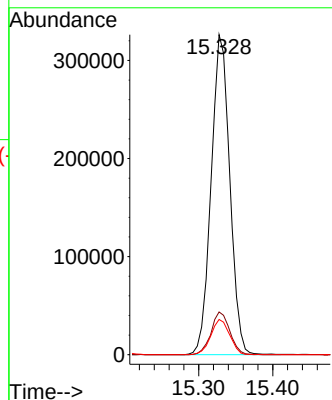
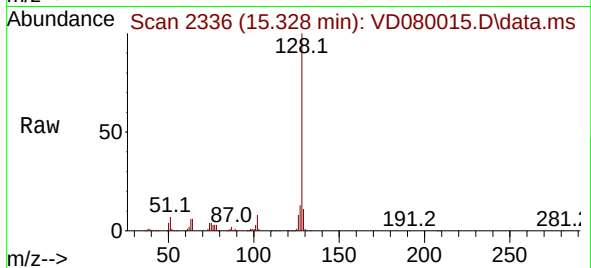
Tgt Ion:128 Resp: 569973

Ion Ratio Lower Upper

128 100

127 13.4 11.8 17.6

129 11.0 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 93.074 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD080015.D

Acq: 14 Nov 2024 19:49

Tgt Ion:180 Resp: 273965

Ion Ratio Lower Upper

180 100

182 95.7 47.3 142.0

145 31.3 15.4 46.2

