

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080017.D
 Acq On : 14 Nov 2024 20:43
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 06:41:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 06:28:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	244193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	389195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	361884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	183572	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116101	46.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.810	113	122552	47.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.269	98	474473	48.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.569	95	156455	47.384	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	101338	49.919	ug/l	99
3) Chloromethane	2.146	50	68439	45.895	ug/l	100
4) Vinyl Chloride	2.287	62	78620	44.980	ug/l	97
5) Bromomethane	2.693	94	82968	39.180	ug/l	98
6) Chloroethane	2.840	64	53701	45.283	ug/l	97
7) Trichlorofluoromethane	3.181	101	206816	49.424	ug/l	92
8) Diethyl Ether	3.593	74	63983	55.324	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	130426	49.384	ug/l	99
10) Methyl Iodide	4.169	142	166750	58.133	ug/l	98
11) Tert butyl alcohol	5.052	59	33408	259.221	ug/l #	86
12) 1,1-Dichloroethene	3.946	96	134459	53.056	ug/l	92
13) Acrolein	3.799	56	74316	315.091	ug/l	100
14) Allyl chloride	4.569	41	189573	55.174	ug/l	99
15) Acrylonitrile	5.252	53	137933	278.850	ug/l	99
16) Acetone	4.022	43	179902	235.032	ug/l	100
17) Carbon Disulfide	4.275	76	431645	51.696	ug/l	98
18) Methyl Acetate	4.564	43	64239	55.028	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	282228	55.559	ug/l	97
20) Methylene Chloride	4.805	84	151056	48.445	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	146575	51.623	ug/l	99
22) Diisopropyl ether	6.222	45	387995	53.688	ug/l	97
23) Vinyl Acetate	6.158	43	1126759	277.317	ug/l	100
24) 1,1-Dichloroethane	6.116	63	245718	50.610	ug/l	98
25) 2-Butanone	7.081	43	202634	269.993	ug/l	96
26) 2,2-Dichloropropane	7.081	77	205770	47.387	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	167299	51.293	ug/l	100
28) Bromochloromethane	7.428	49	99887	45.871	ug/l	99
29) Tetrahydrofuran	7.446	42	105150	268.283	ug/l	97
30) Chloroform	7.599	83	256281	47.569	ug/l	99
31) Cyclohexane	7.881	56	204292	49.723	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	214106	47.610	ug/l	99
36) 1,1-Dichloropropene	8.010	75	182476	48.059	ug/l	99
37) Ethyl Acetate	7.175	43	75498	47.877	ug/l	98
38) Carbon Tetrachloride	7.993	117	191752	45.988	ug/l	95
39) Methylcyclohexane	9.275	83	231781	52.339	ug/l	99
40) Benzene	8.252	78	563121	48.008	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	45652	54.155	ug/l	90
42) 1,2-Dichloroethane	8.328	62	143676	46.757	ug/l	99
43) Isopropyl Acetate	8.363	43	142627	49.774	ug/l	100
44) Trichloroethene	9.034	130	143864	47.559	ug/l	98
45) 1,2-Dichloropropane	9.304	63	133589	47.859	ug/l	95
46) Dibromomethane	9.393	93	78959	48.131	ug/l	98
47) Bromodichloromethane	9.587	83	193303	47.006	ug/l	98
48) Methyl methacrylate	9.381	41	68420	53.424	ug/l	97
49) 1,4-Dioxane	9.381	88	14666	938.310	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	369264	255.716	ug/l	98
52) Toluene	10.334	92	356677	48.832	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	176151	49.405	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	209186	48.959	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	101783	46.467	ug/l	96
56) Ethyl methacrylate	10.599	69	130374	52.351	ug/l	97
57) 1,3-Dichloropropane	10.881	76	171963	48.562	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	213360	239.910	ug/l	99
59) 2-Hexanone	10.922	43	294115	265.407	ug/l	99
60) Dibromochloromethane	11.075	129	134532	46.375	ug/l	99
61) 1,2-Dibromoethane	11.181	107	99426	48.356	ug/l	97
64) Tetrachloroethene	10.810	164	127975	46.852	ug/l	96
65) Chlorobenzene	11.604	112	401764	48.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	135431	45.947	ug/l	98
67) Ethyl Benzene	11.681	91	669802	48.808	ug/l	99
68) m/p-Xylenes	11.793	106	528345	97.635	ug/l	98
69) o-Xylene	12.116	106	245639	49.985	ug/l	100
70) Styrene	12.134	104	434113	49.688	ug/l	99
71) Bromoform	12.298	173	77620	46.638	ug/l #	99
73) Isopropylbenzene	12.416	105	635429	52.692	ug/l	100
74) N-amyl acetate	12.234	43	137462	53.405	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	112154	48.101	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	142349	90.943	ug/l #	100
77) Bromobenzene	12.698	156	160689	50.606	ug/l	98
78) n-propylbenzene	12.763	91	778795	52.188	ug/l	99
79) 2-Chlorotoluene	12.845	91	452375	51.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	538503	52.794	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	40839	50.459	ug/l	98
82) 4-Chlorotoluene	12.945	91	479247	50.883	ug/l	100
83) tert-Butylbenzene	13.163	119	450778	51.215	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	542659	52.332	ug/l	100
85) sec-Butylbenzene	13.340	105	694307	52.664	ug/l	99
86) p-Isopropyltoluene	13.457	119	588614	52.623	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	317472	48.319	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	309159	46.736	ug/l	100
89) n-Butylbenzene	13.787	91	549076	52.805	ug/l	99
90) Hexachloroethane	14.051	117	115994	47.558	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	276853	48.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17466	49.064	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	183105	52.006	ug/l	99
94) Hexachlorobutadiene	15.198	225	99172	51.326	ug/l	98
95) Naphthalene	15.328	128	325827	54.965	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	162524	53.074	ug/l	99

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QLast Update : Fri Nov 15 06:28:05 2024
Response via : Initial Calibration

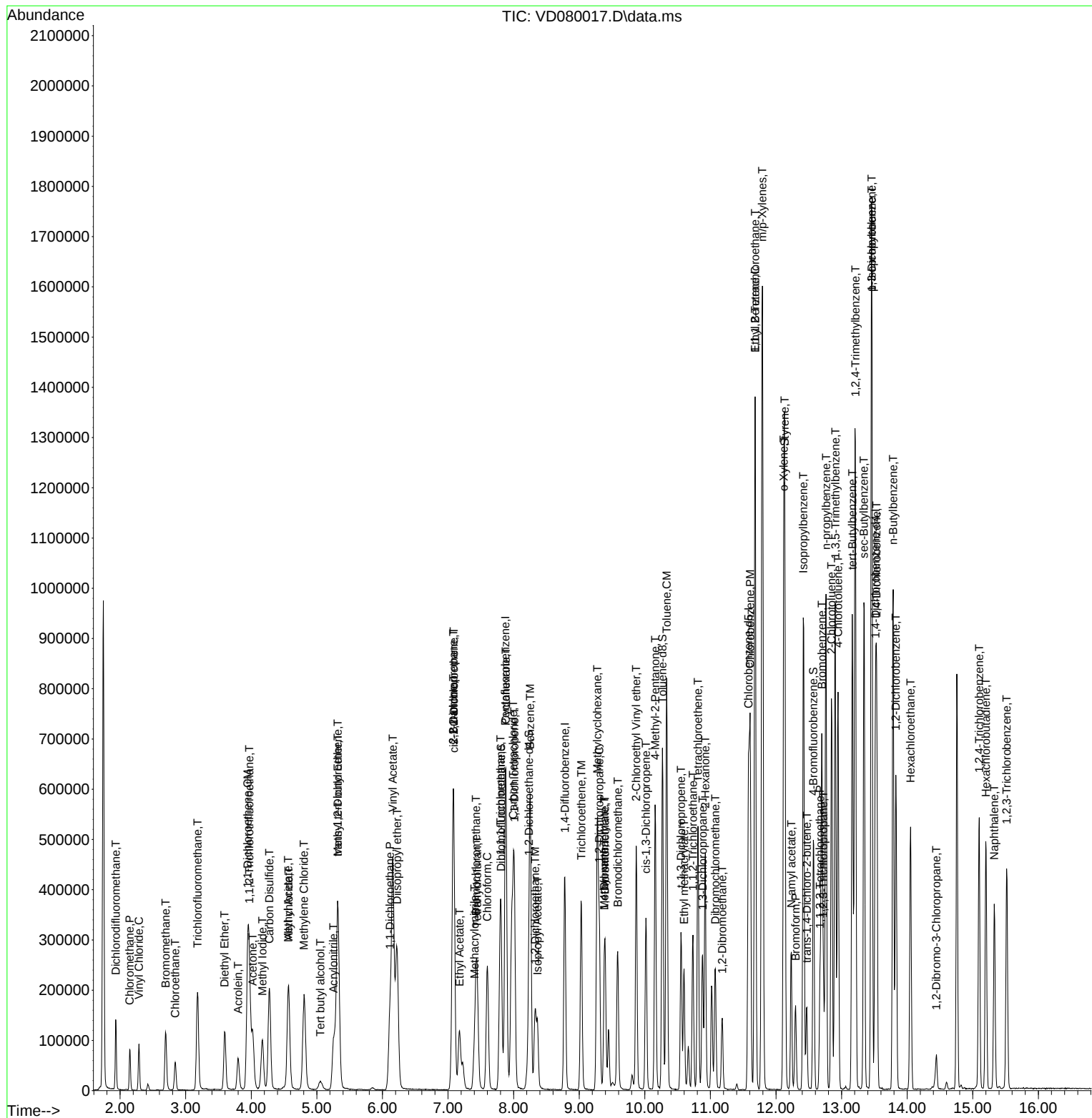
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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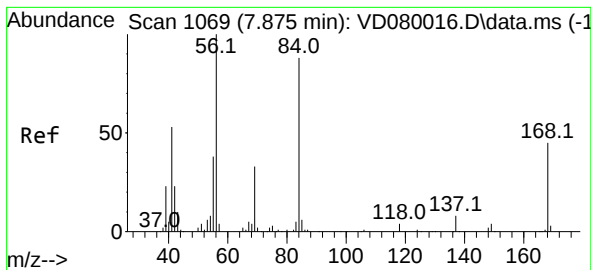
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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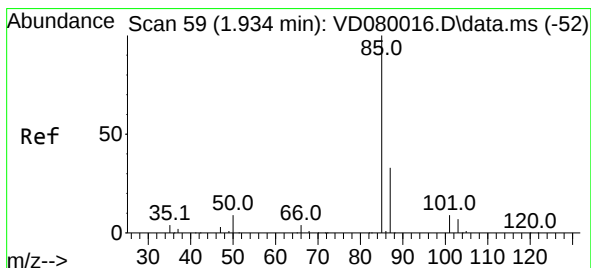
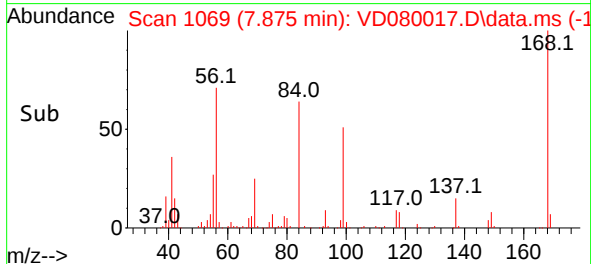
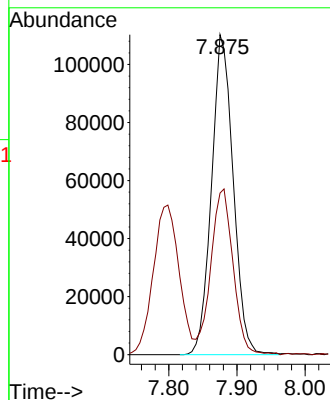
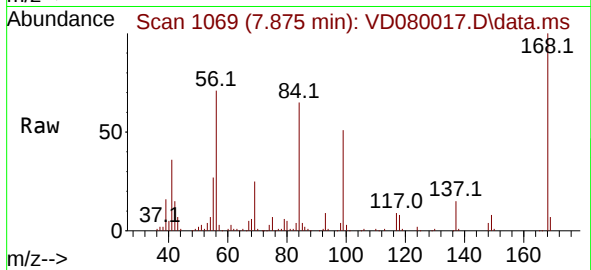




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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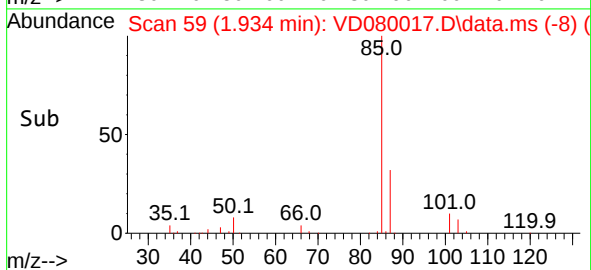
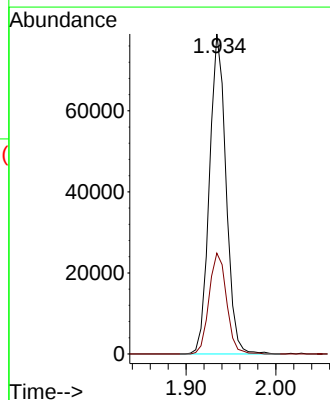
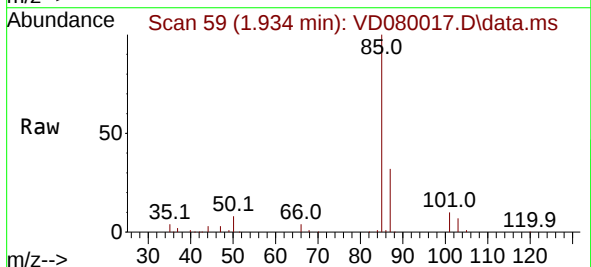
Instrument :
MSVOA_D
ClientSampleId :

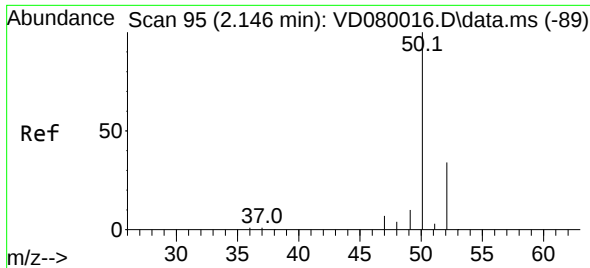
Tgt Ion:168 Resp: 244193
Ion Ratio Lower Upper
168 100
99 50.5 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 49.919 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 85 Resp: 101338
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2

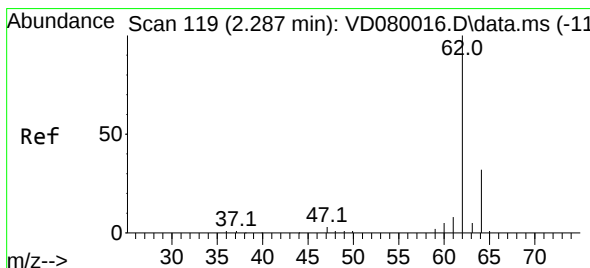
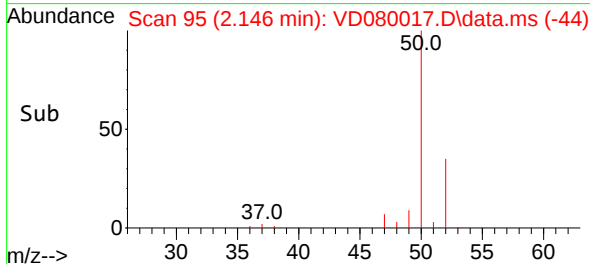
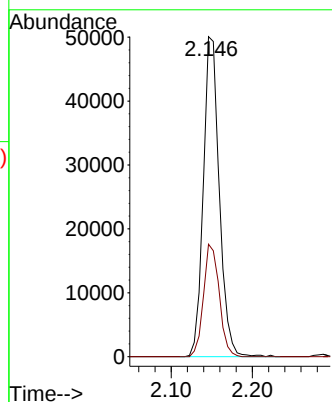
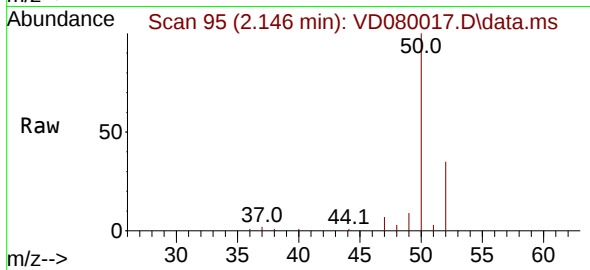




#3
Chloromethane
Concen: 45.895 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

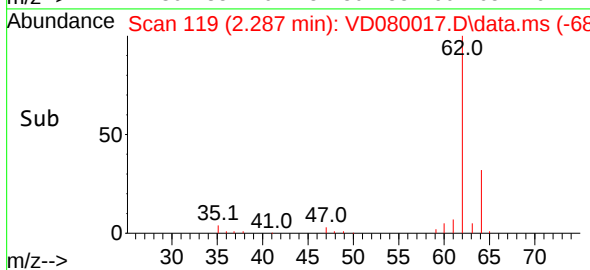
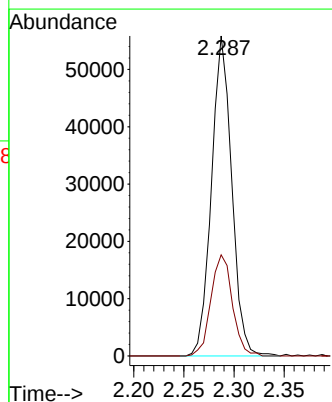
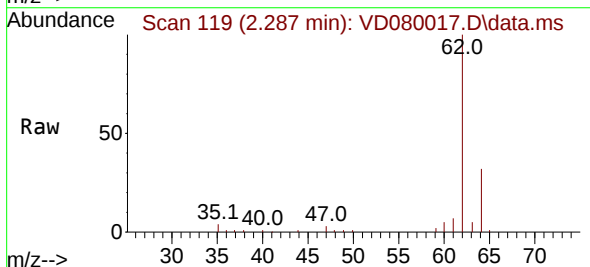
Instrument :
MSVOA_D
ClientSampleId :

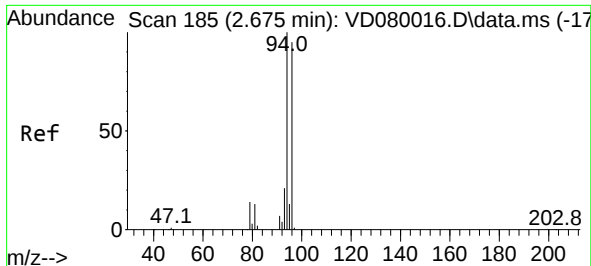
Tgt Ion: 50 Resp: 68439
Ion Ratio Lower Upper
50 100
52 35.1 28.2 42.4



#4
Vinyl Chloride
Concen: 44.980 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 62 Resp: 78620
Ion Ratio Lower Upper
62 100
64 31.6 26.7 40.1

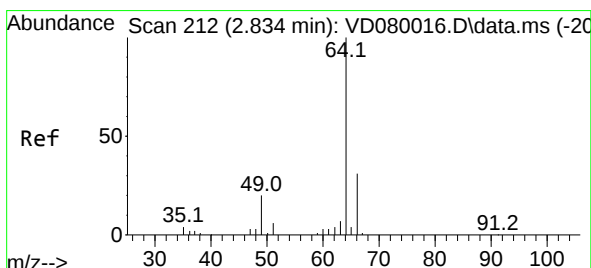
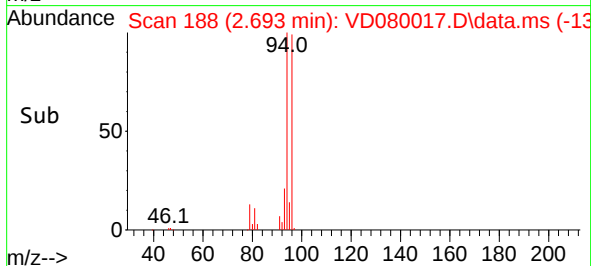
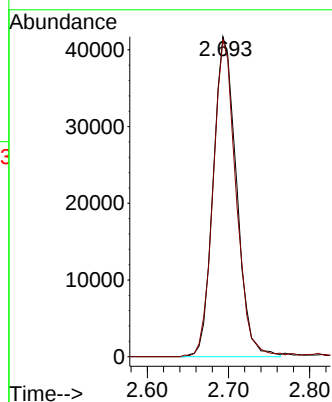
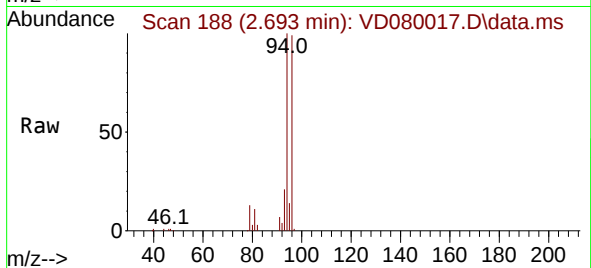




#5
Bromomethane
Concen: 39.180 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080017.D
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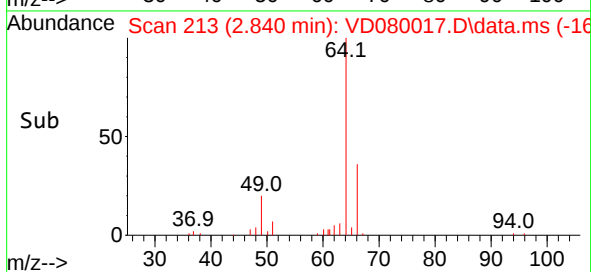
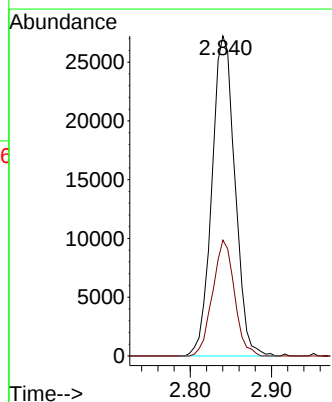
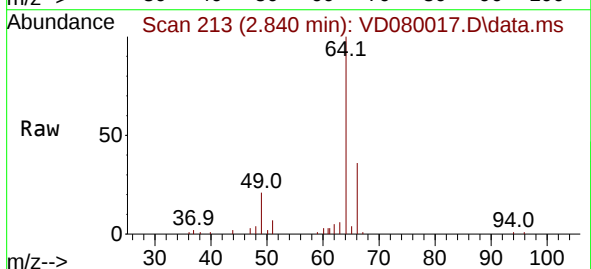
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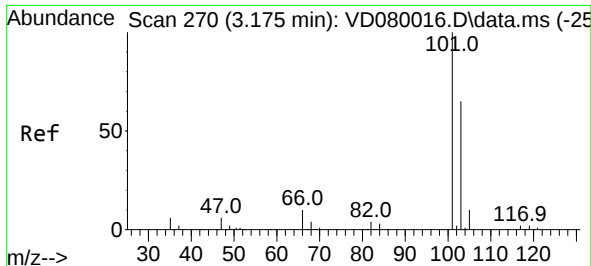
Tgt Ion: 94 Resp: 82968
Ion Ratio Lower Upper
94 100
96 98.3 77.0 115.6



#6
Chloroethane
Concen: 45.283 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 64 Resp: 53701
Ion Ratio Lower Upper
64 100
66 36.2 27.8 41.6

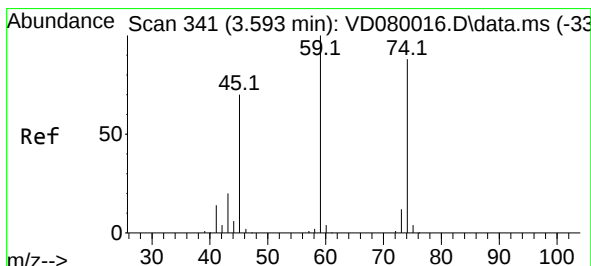
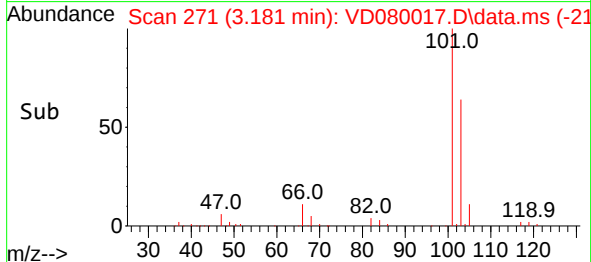
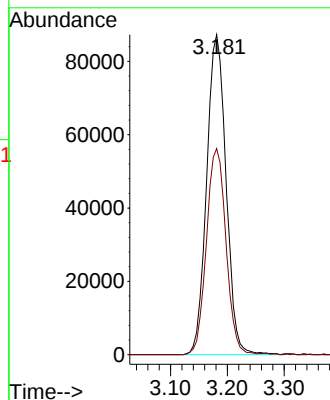
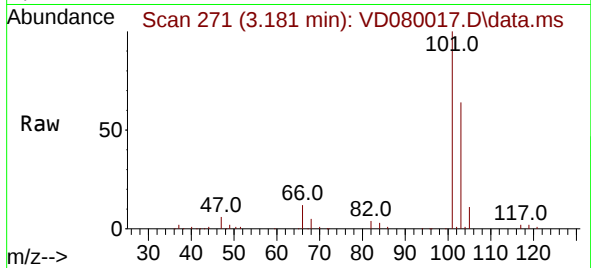




#7
Trichlorofluoromethane
Concen: 49.424 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

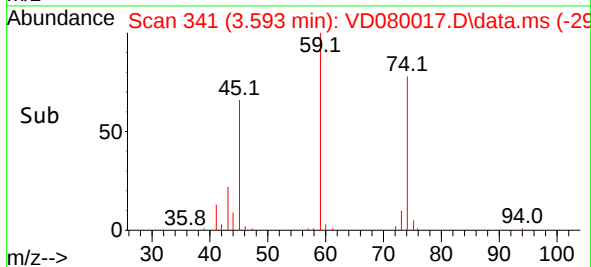
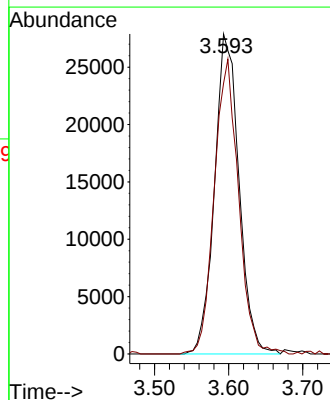
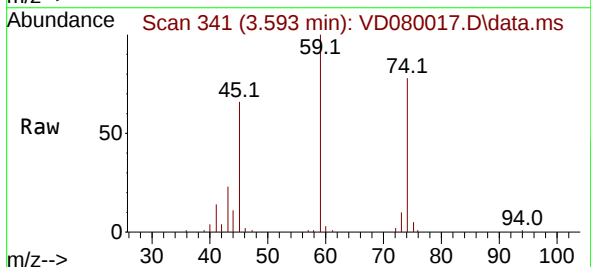
Instrument :
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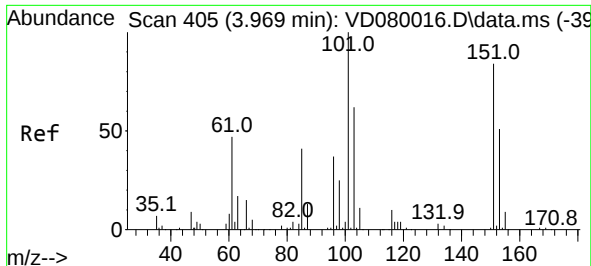
Tgt Ion:101 Resp: 206816
Ion Ratio Lower Upper
101 100
103 64.4 46.5 69.7



#8
Diethyl Ether
Concen: 55.324 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 74 Resp: 63983
Ion Ratio Lower Upper
74 100
45 91.5 45.7 137.1

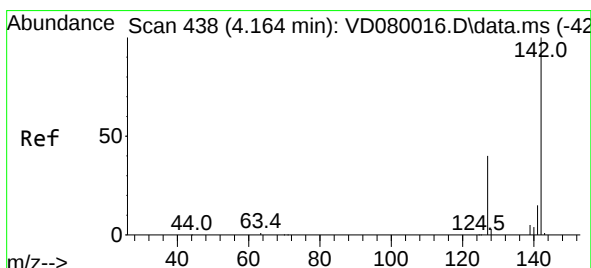
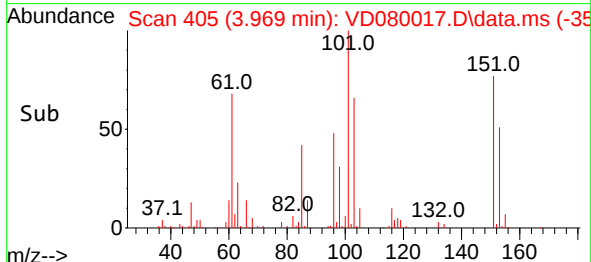
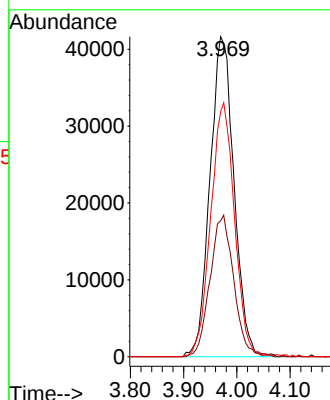
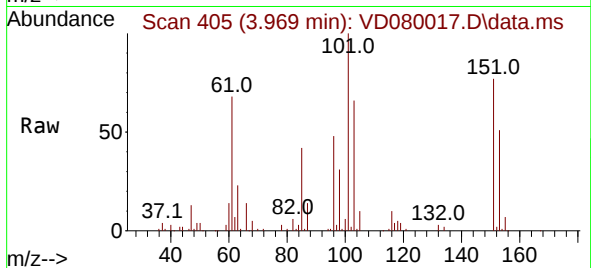




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.384 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

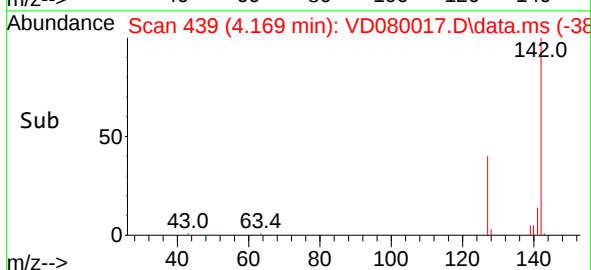
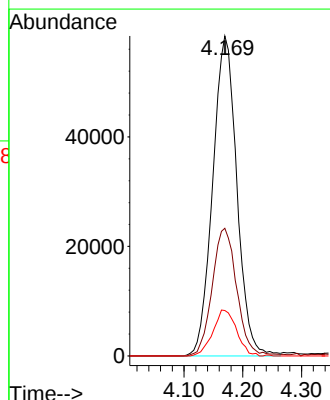
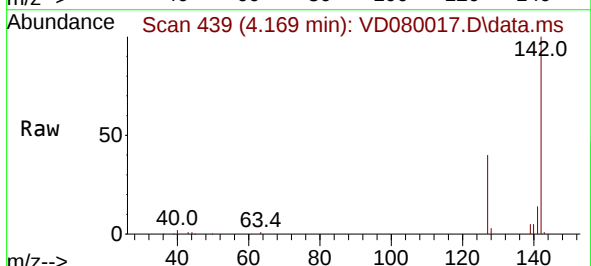
Instrument :
MSVOA_D
ClientSampleId :

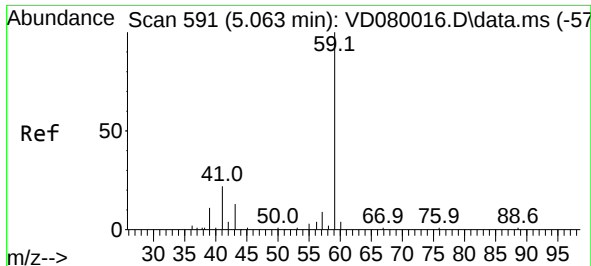
Tgt Ion:101 Resp: 130426
Ion Ratio Lower Upper
101 100
85 43.5 34.5 51.7
151 78.6 61.8 92.6



#10
Methyl Iodide
Concen: 58.133 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion:142 Resp: 166750
Ion Ratio Lower Upper
142 100
127 40.7 33.7 50.5
141 14.1 12.0 18.0

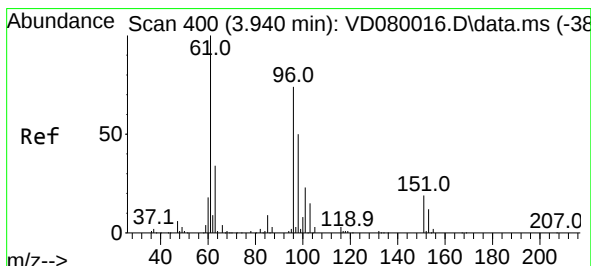
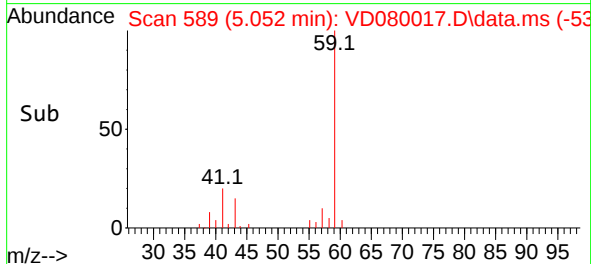
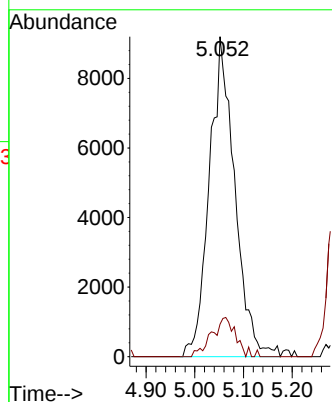
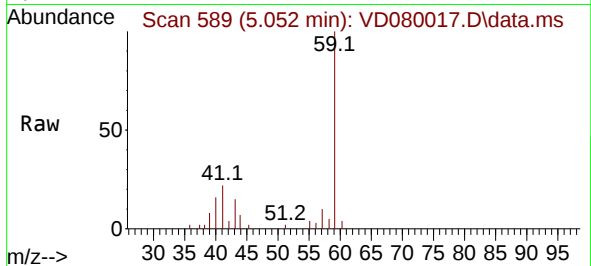




#11
Tert butyl alcohol
Concen: 259.221 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

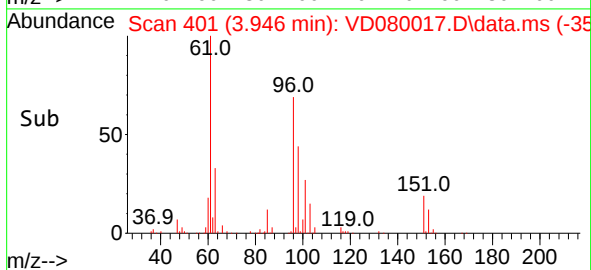
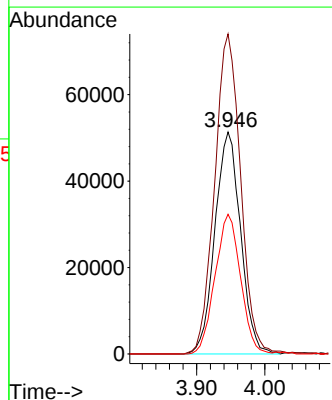
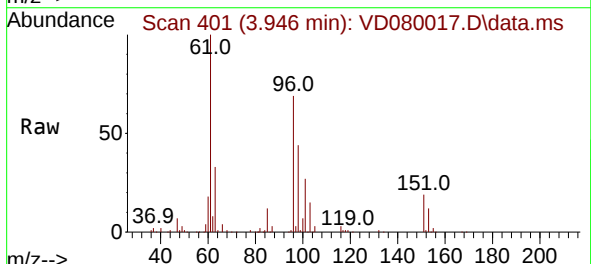
Instrument :
MSVOA_D
ClientSampleId :

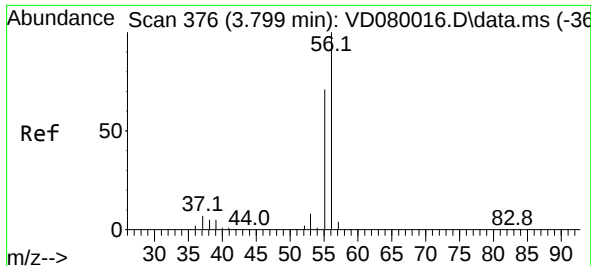
Tgt Ion: 59 Resp: 33408
Ion Ratio Lower Upper
59 100
57 11.1 5.0 7.6#



#12
1,1-Dichloroethene
Concen: 53.056 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 96 Resp: 134459
Ion Ratio Lower Upper
96 100
61 144.2 125.5 188.3
98 62.9 53.3 79.9

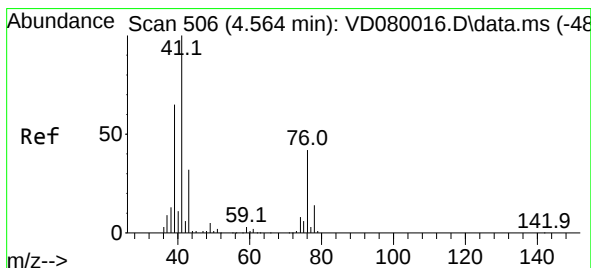
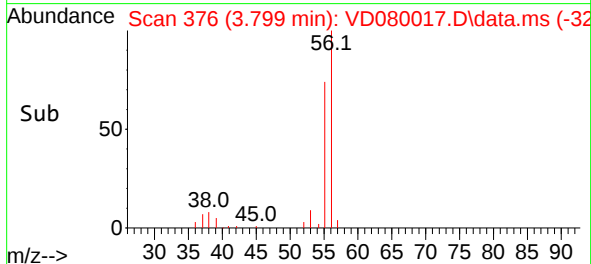
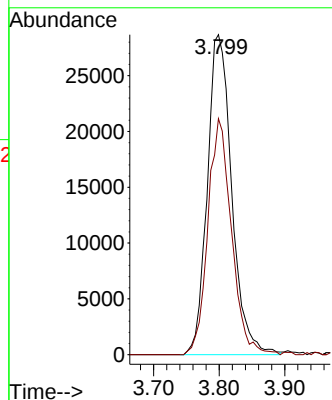
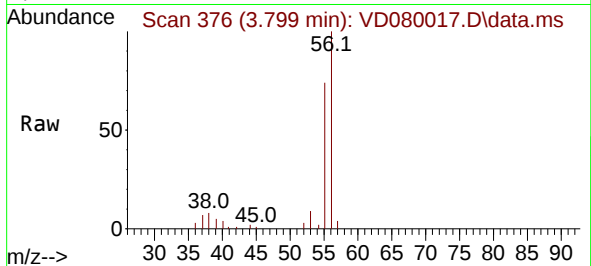




#13
Acrolein
Concen: 315.091 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

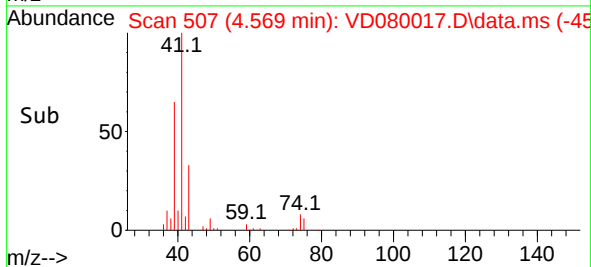
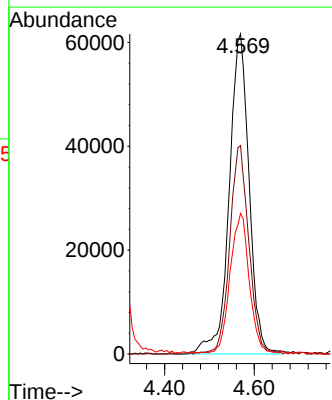
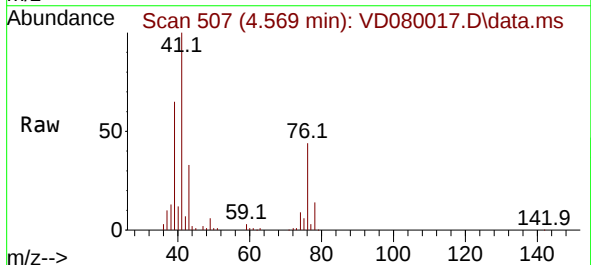
Instrument :
MSVOA_D
ClientSampleId :

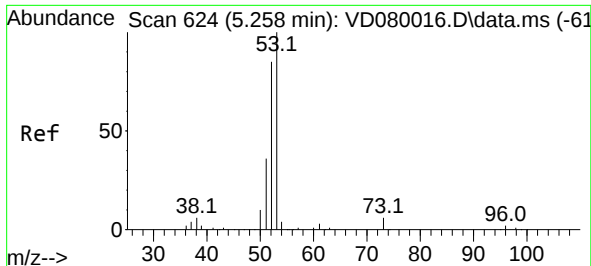
Tgt Ion: 56 Resp: 74316
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 55.174 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

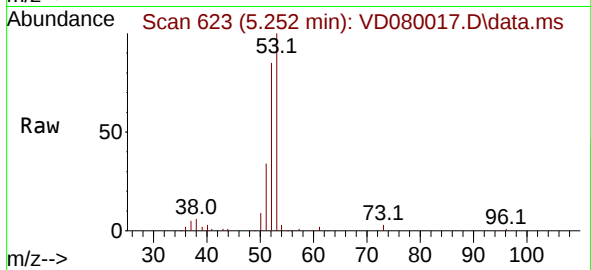
Tgt Ion: 41 Resp: 189573
Ion Ratio Lower Upper
41 100
39 62.8 49.8 74.8
76 41.5 34.1 51.1





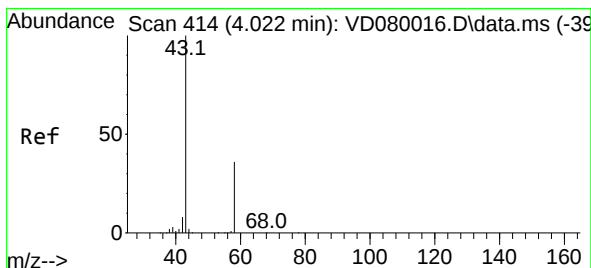
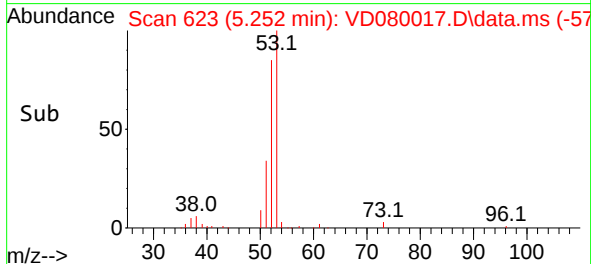
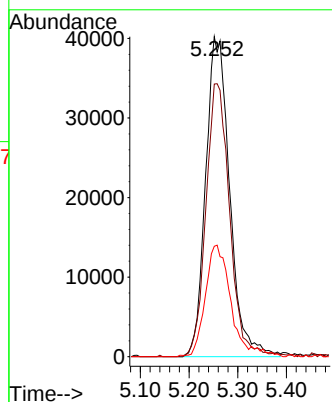
#15
Acrylonitrile
Concen: 278.850 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 53 Resp: 137933

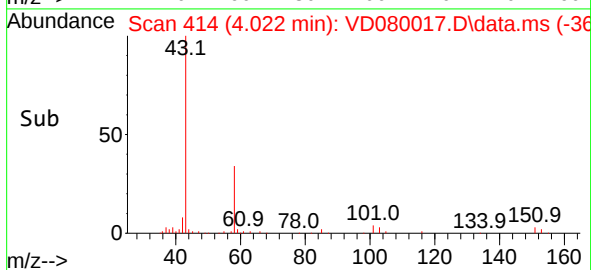
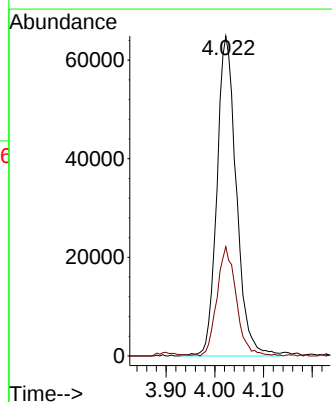
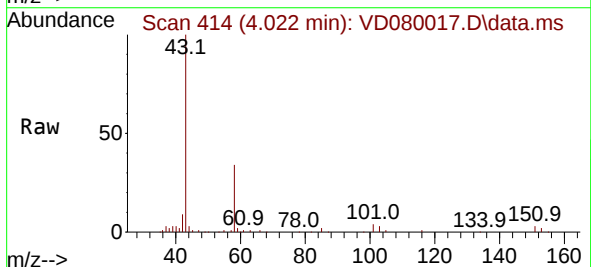
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.0	100.4
51	35.2	29.7	44.5

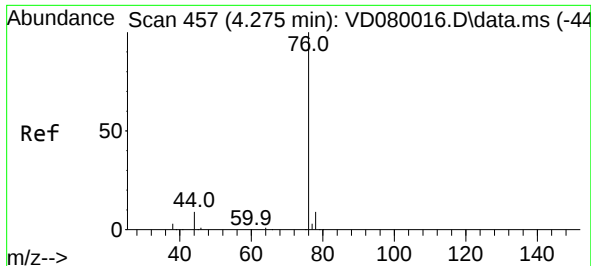


#16
Acetone
Concen: 235.032 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 43 Resp: 179902

Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.9	40.3

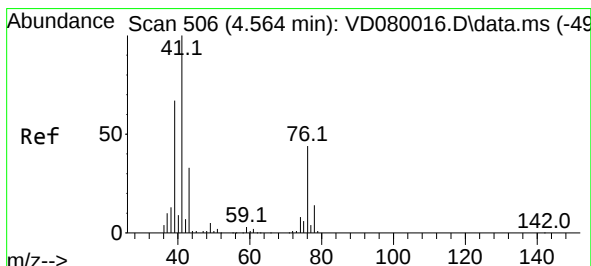
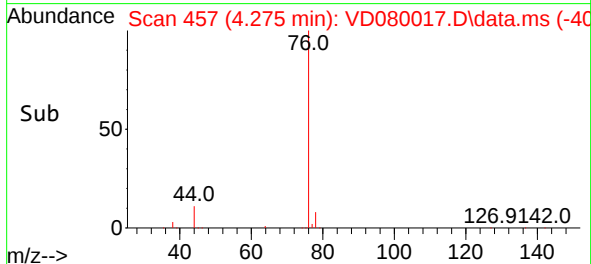
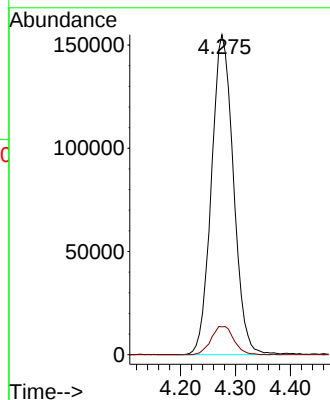
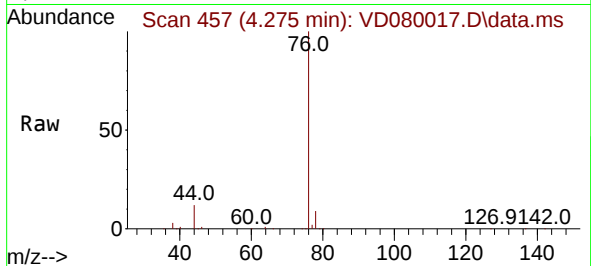




#17
Carbon Disulfide
Concen: 51.696 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

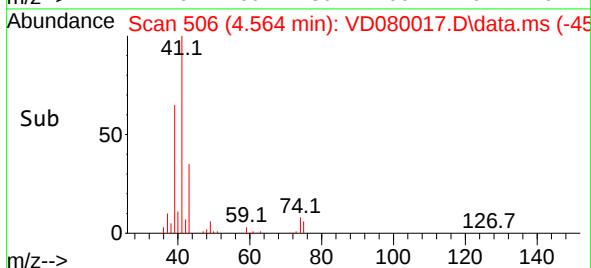
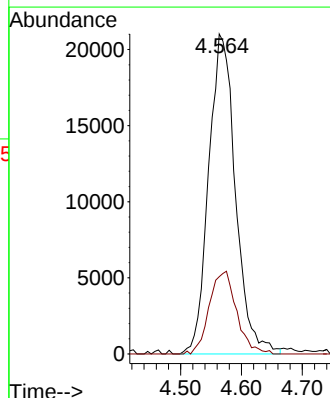
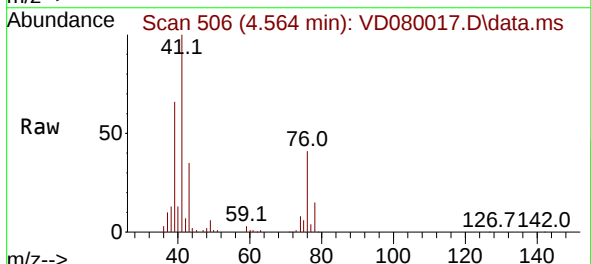
Instrument :
MSVOA_D
ClientSampleId :

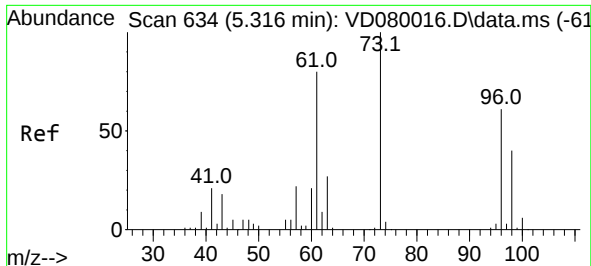
Tgt Ion: 76 Resp: 431645
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 55.028 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 43 Resp: 64239
Ion Ratio Lower Upper
43 100
74 26.3 20.8 31.2

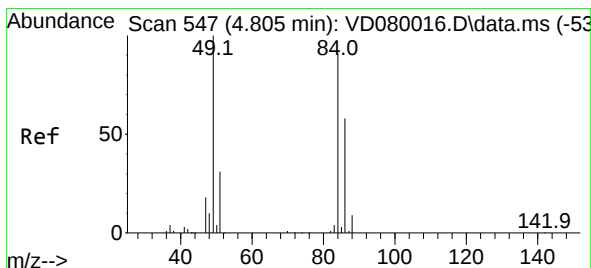
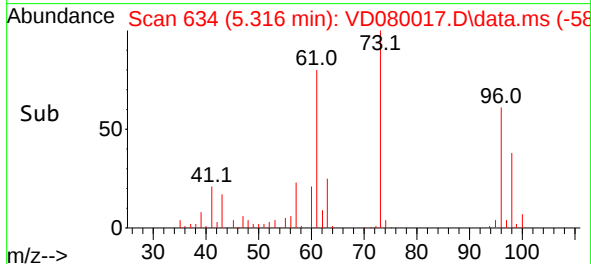
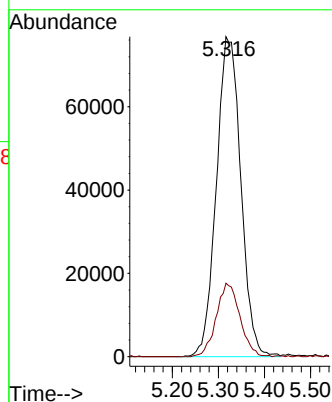
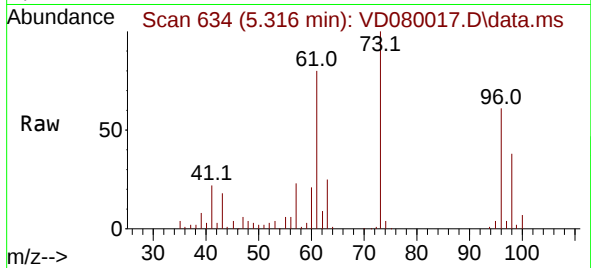




#19
Methyl tert-butyl Ether
Concen: 55.559 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

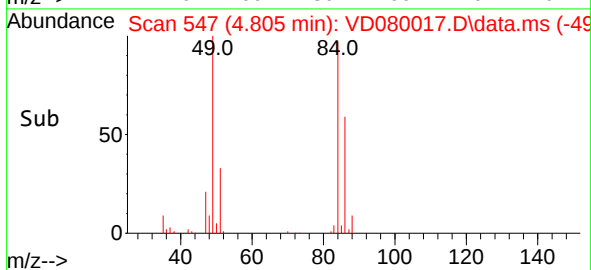
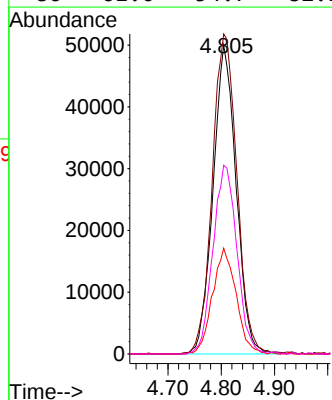
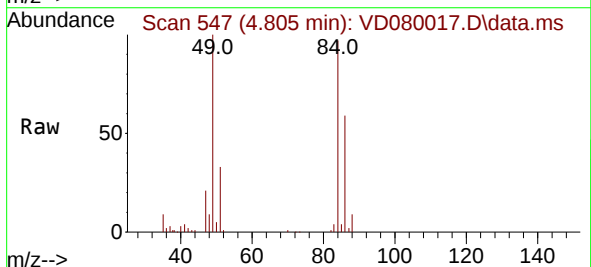
Instrument :
MSVOA_D
ClientSampleId :

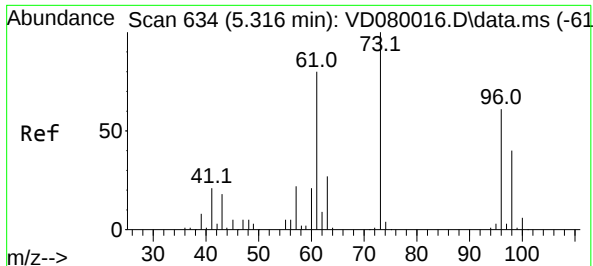
Tgt Ion: 73 Resp: 282228
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: 48.445 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 84 Resp: 151056
Ion Ratio Lower Upper
84 100
49 103.6 88.7 133.1
51 34.2 29.3 43.9
86 61.0 54.7 82.1





#21

trans-1,2-Dichloroethene

Concen: 51.623 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

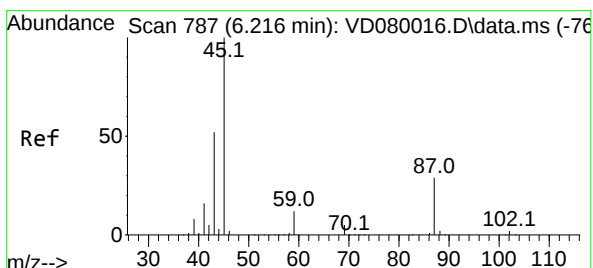
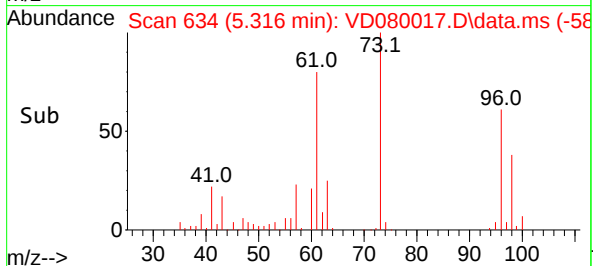
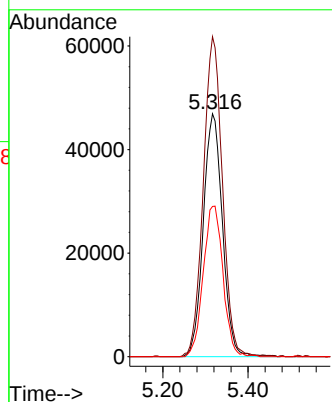
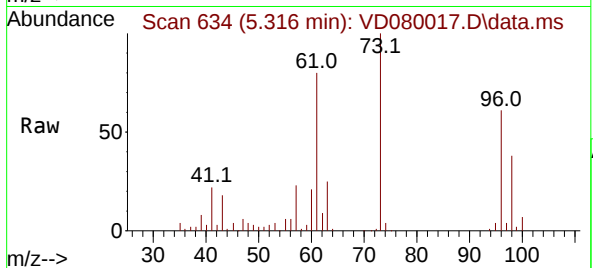
Tgt Ion: 96 Resp: 146575

Ion Ratio Lower Upper

96 100

61 131.8 106.2 159.4

98 61.8 49.1 73.7



#22

Diisopropyl ether

Concen: 53.688 ug/l

RT: 6.222 min Scan# 788

Delta R.T. 0.006 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Tgt Ion: 45 Resp: 387995

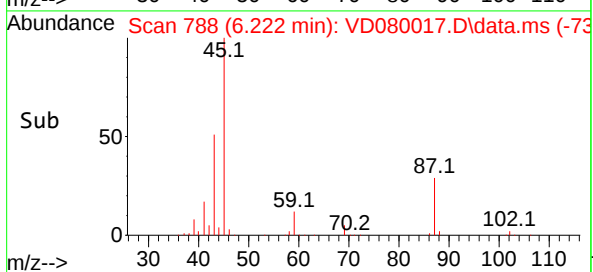
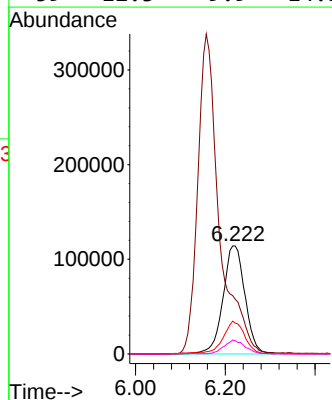
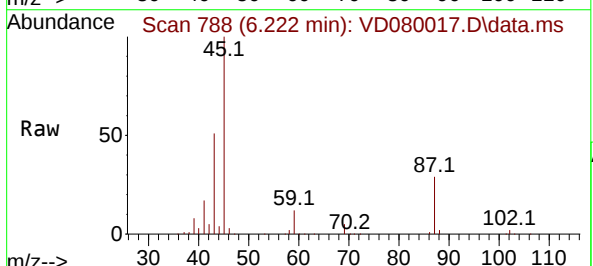
Ion Ratio Lower Upper

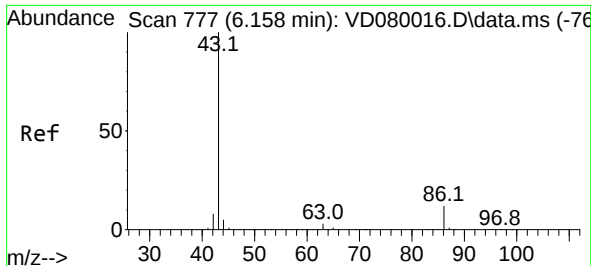
45 100

43 49.7 41.7 62.5

87 28.4 24.3 36.5

59 12.3 9.9 14.9

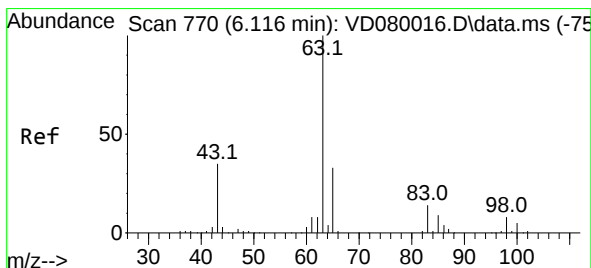
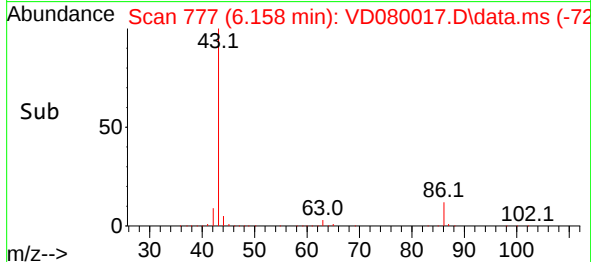
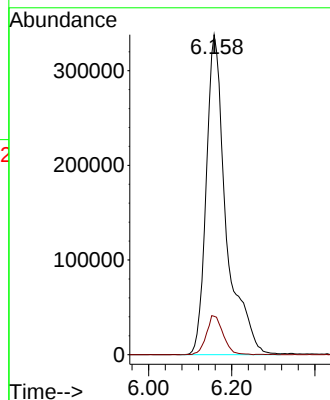
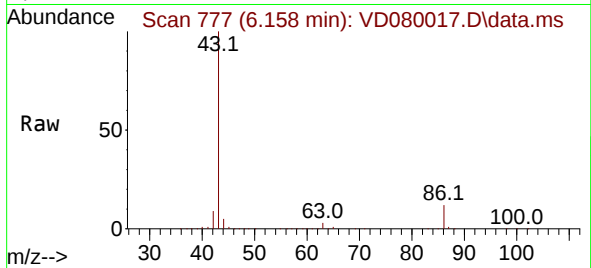




#23
 Vinyl Acetate
 Concen: 277.317 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD080017.D
 Acq: 14 Nov 2024 20:43

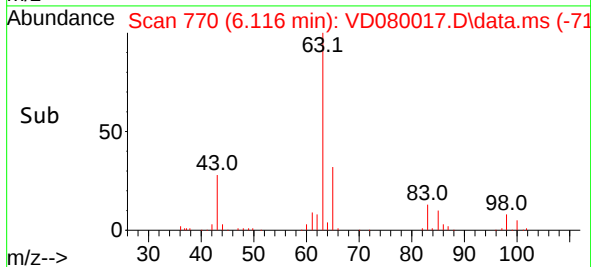
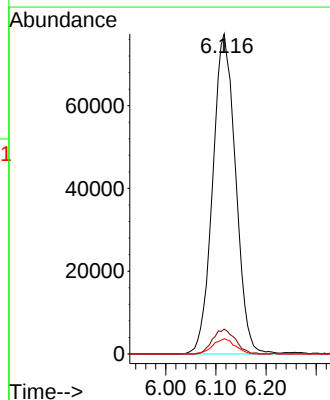
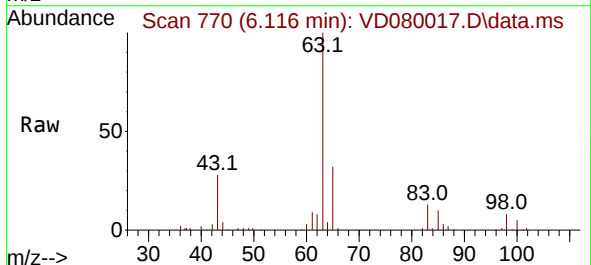
Instrument :
 MSVOA_D
 ClientSampleId :

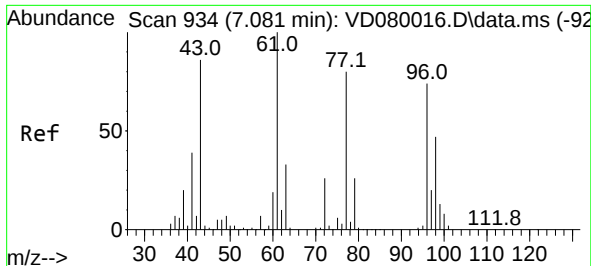
Tgt Ion: 43 Resp: 1126759
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 50.610 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD080017.D
 Acq: 14 Nov 2024 20:43

Tgt Ion: 63 Resp: 245718
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.4 13.2
 100 4.8 2.4 7.2

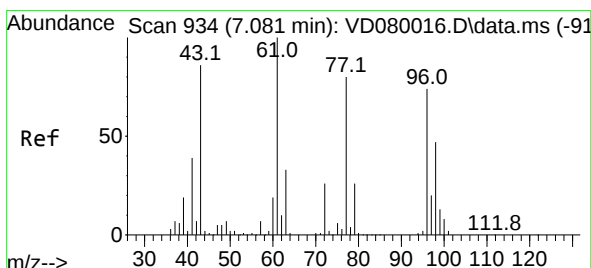
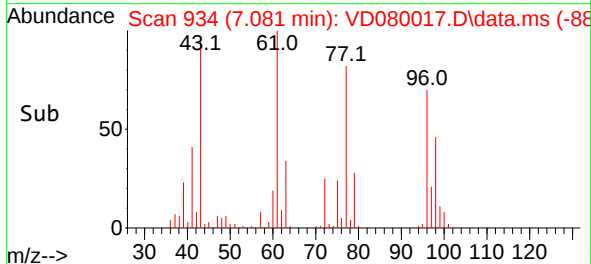
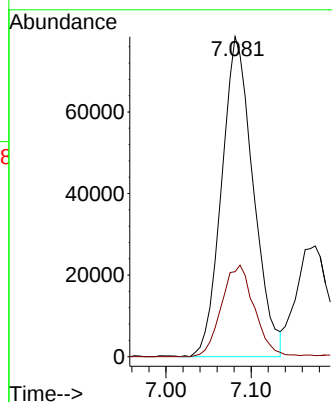
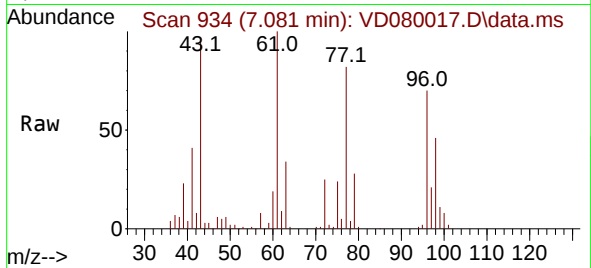




#25
2-Butanone
Concen: 269.993 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

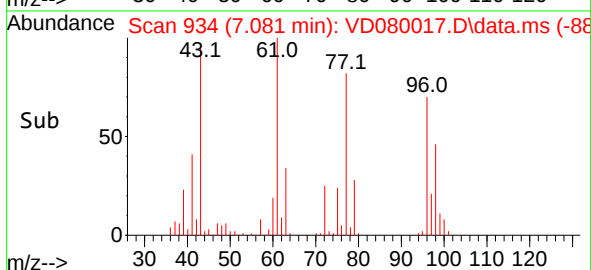
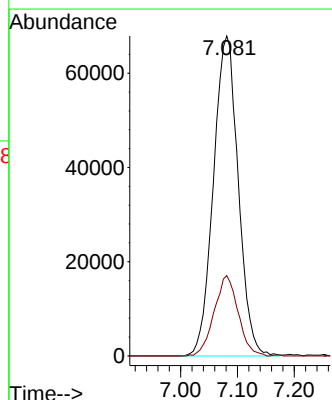
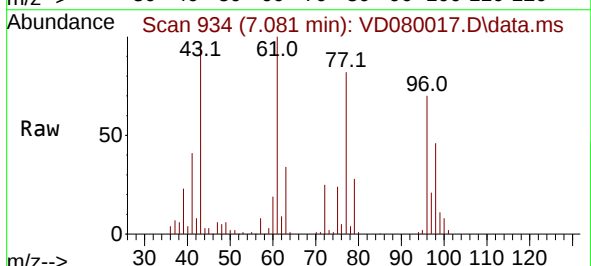
Instrument :
MSVOA_D
ClientSampleId :

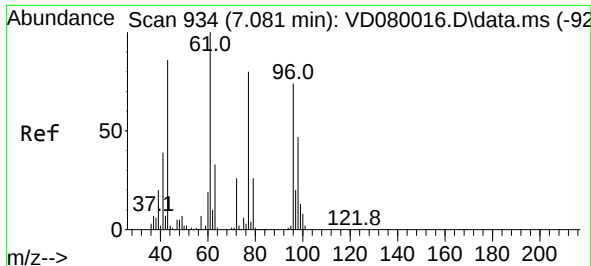
Tgt Ion: 43 Resp: 202634
Ion Ratio Lower Upper
43 100
72 26.6 23.0 34.4



#26
2,2-Dichloropropane
Concen: 47.387 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 77 Resp: 205770
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.7



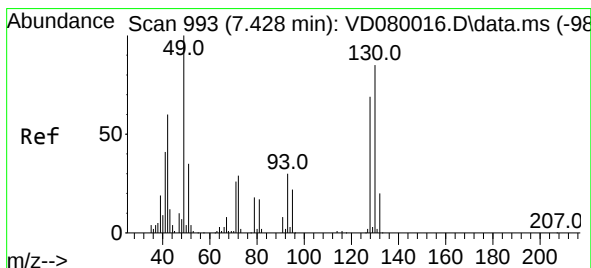
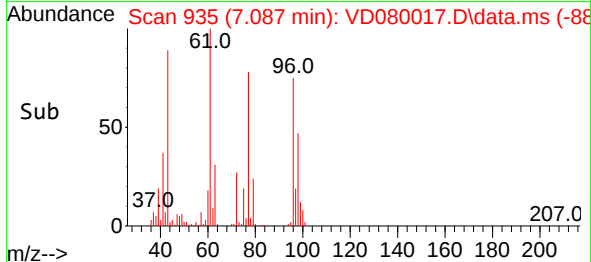
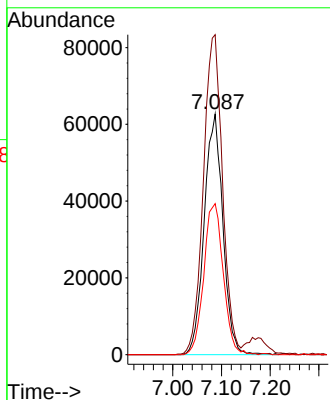
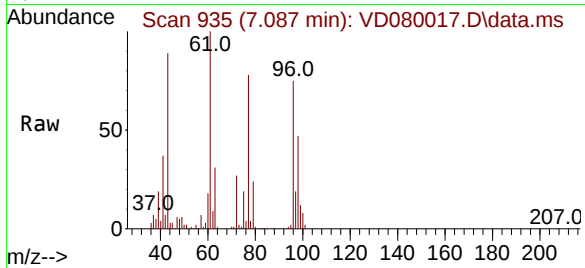


#27
 cis-1,2-Dichloroethene
 Concen: 51.293 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD080017.D
 Acq: 14 Nov 2024 20:43

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 167299

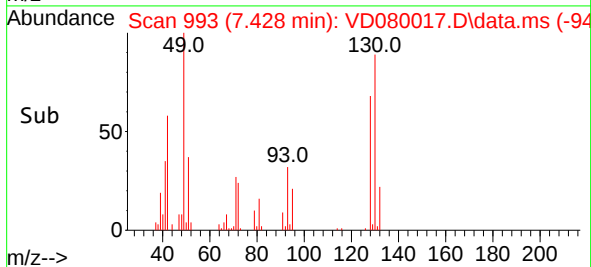
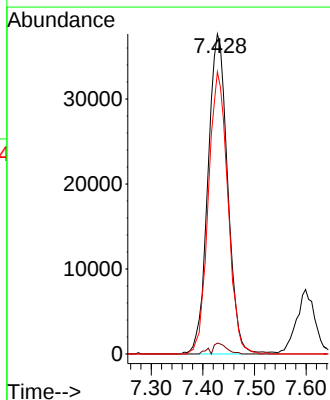
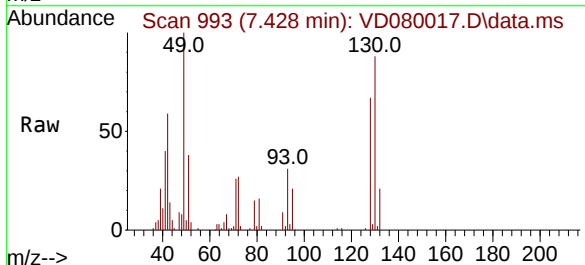
Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	272.4
98	65.1	0.0	129.6

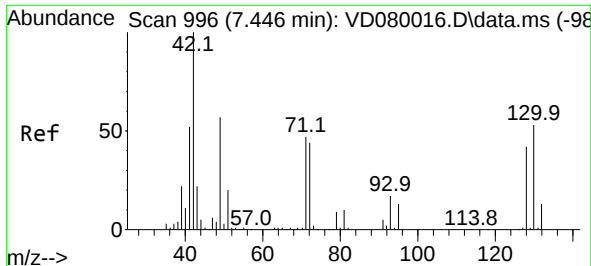


#28
 Bromochloromethane
 Concen: 45.871 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD080017.D
 Acq: 14 Nov 2024 20:43

Tgt Ion: 49 Resp: 99887

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	86.8	70.6	105.8





#29

Tetrahydrofuran

Concen: 268.283 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

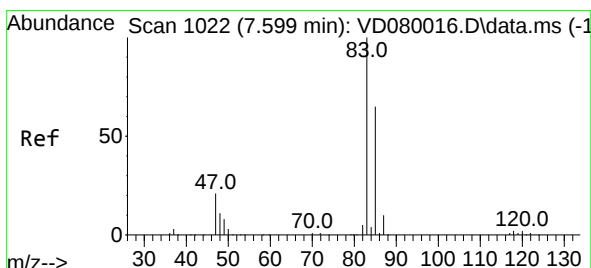
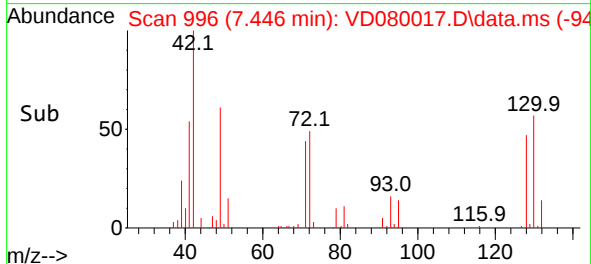
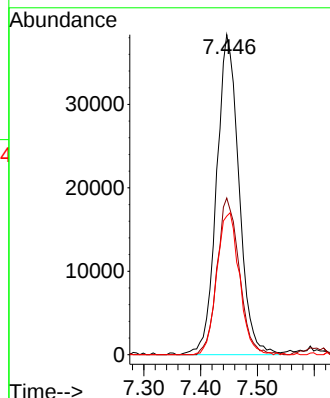
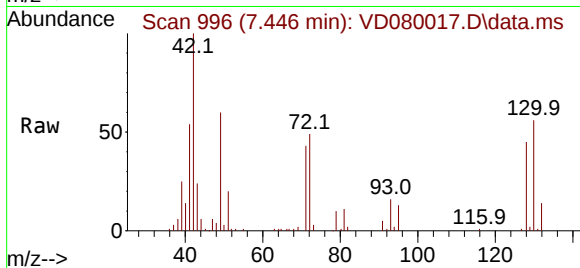
Tgt Ion: 42 Resp: 105150

Ion Ratio Lower Upper

42 100

72 48.4 37.0 55.6

71 44.9 34.7 52.1



#30

Chloroform

Concen: 47.569 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD080017.D

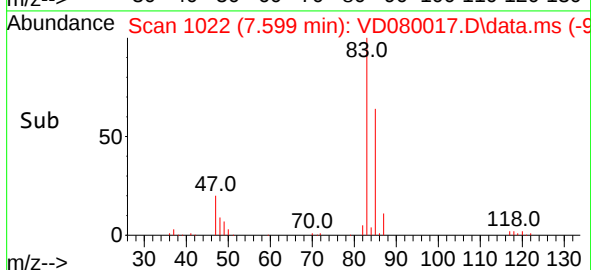
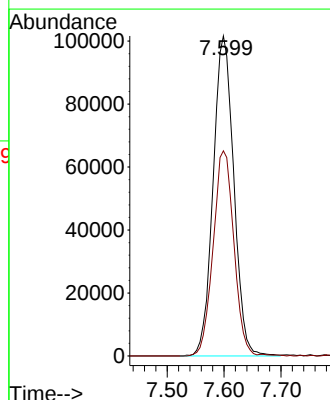
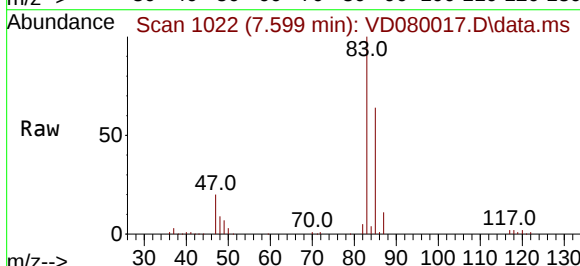
Acq: 14 Nov 2024 20:43

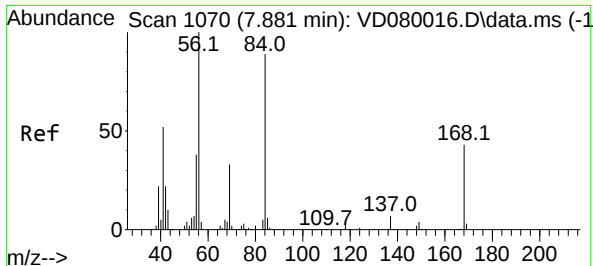
Tgt Ion: 83 Resp: 256281

Ion Ratio Lower Upper

83 100

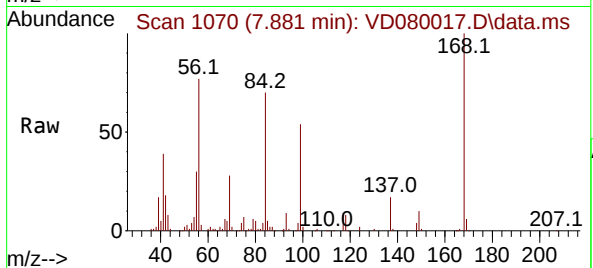
85 64.1 50.6 75.8



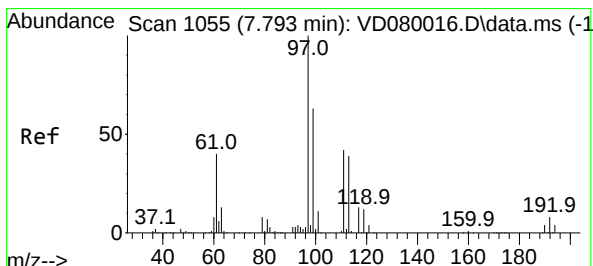
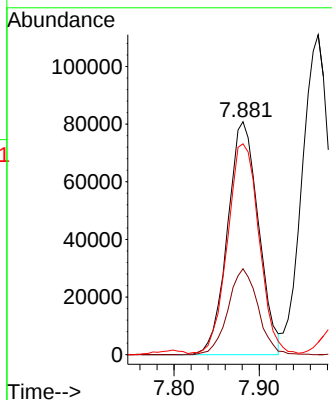
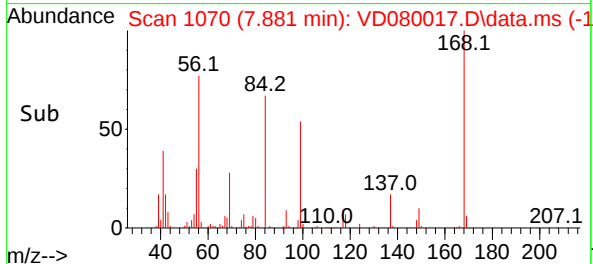


#31
Cyclohexane
Concen: 49.723 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Instrument :
MSVOA_D
ClientSampleId :

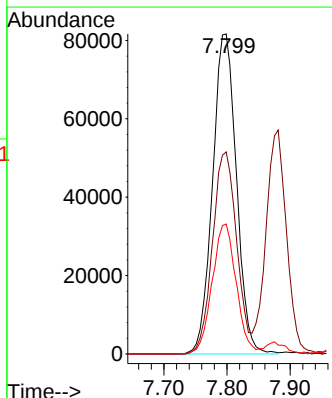
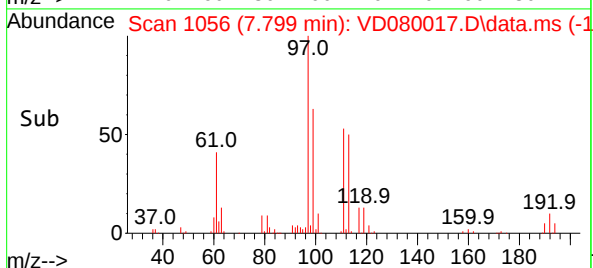
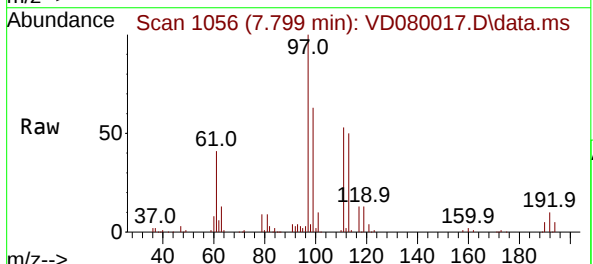


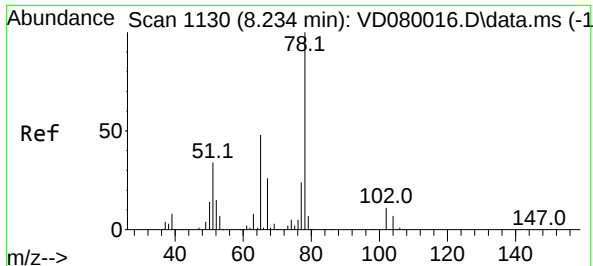
Tgt Ion: 56 Resp: 204292
Ion Ratio Lower Upper
56 100
69 36.9 27.4 41.0
84 89.0 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 47.610 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 97 Resp: 214106
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 40.7 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 46.380 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

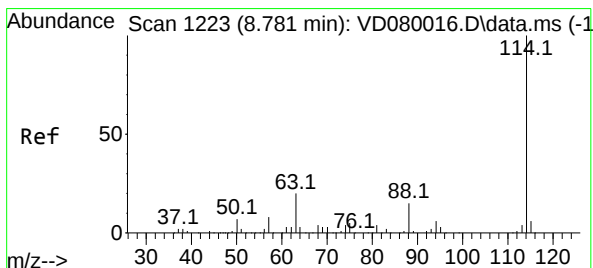
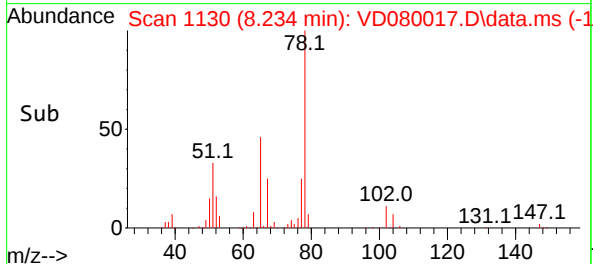
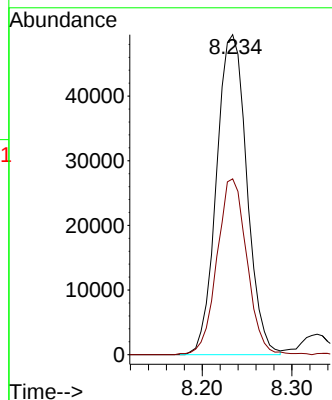
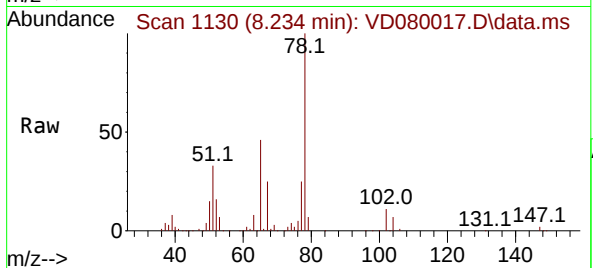
ClientSampleId :

Tgt Ion: 65 Resp: 116101

Ion Ratio Lower Upper

65 100

67 54.2 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: VD080017.D

Acq: 14 Nov 2024 20:43

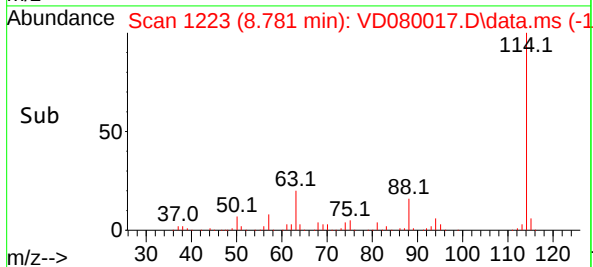
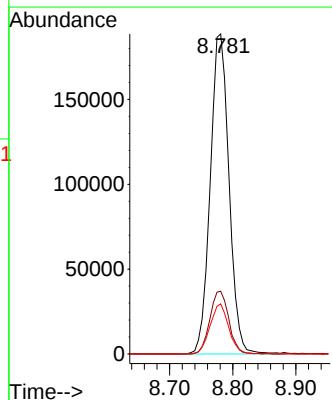
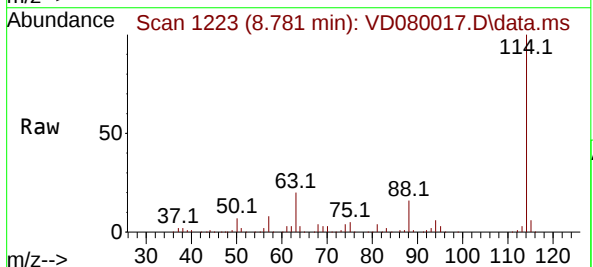
Tgt Ion: 114 Resp: 389195

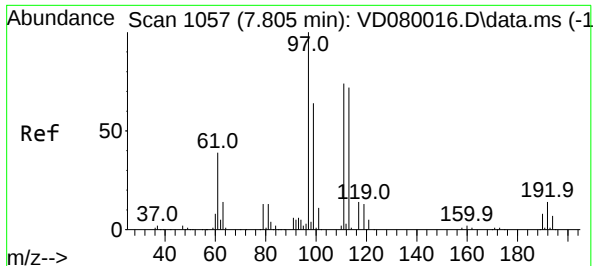
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.2

88 15.6 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.101 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

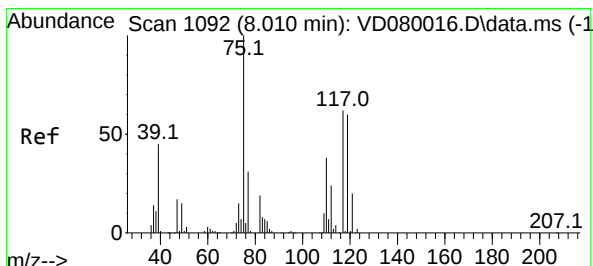
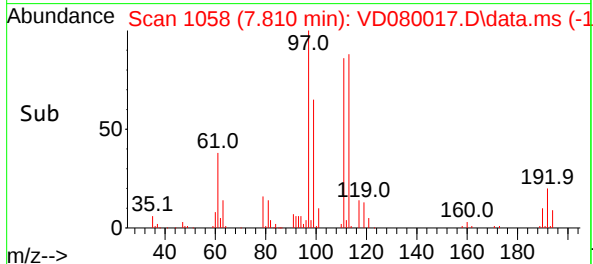
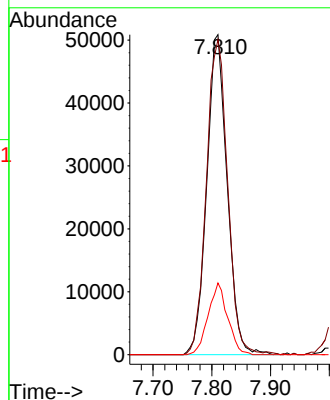
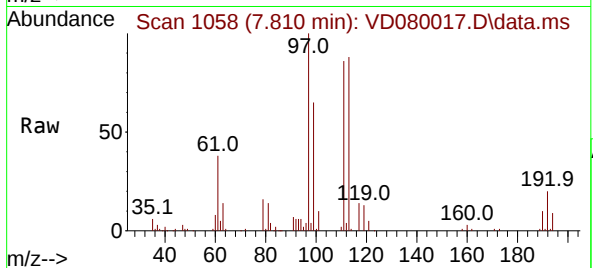
Tgt Ion:113 Resp: 122552

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 21.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 48.059 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

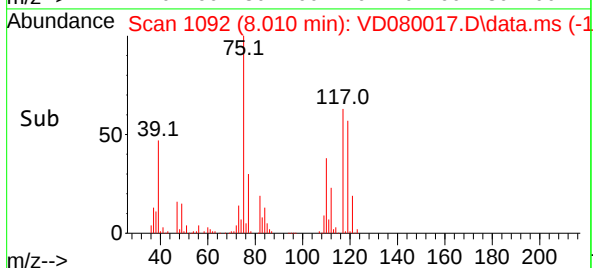
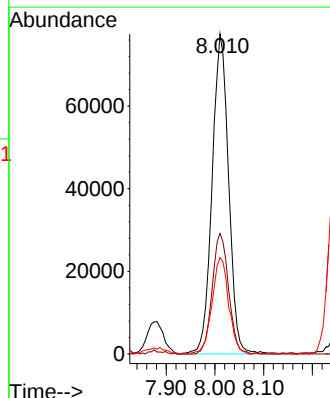
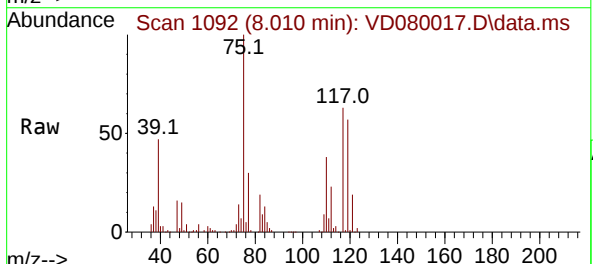
Tgt Ion: 75 Resp: 182476

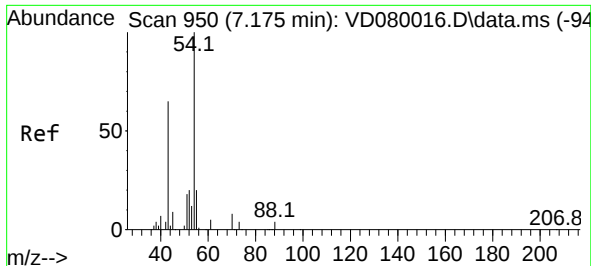
Ion Ratio Lower Upper

75 100

110 37.3 18.4 55.0

77 30.3 24.5 36.7





#37

Ethyl Acetate

Concen: 47.877 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

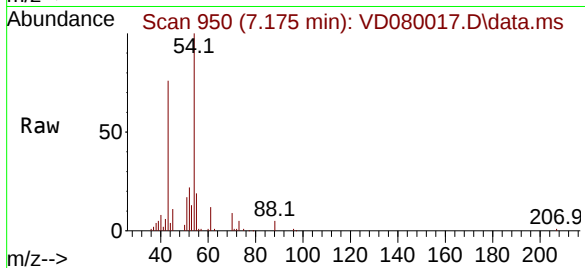
Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

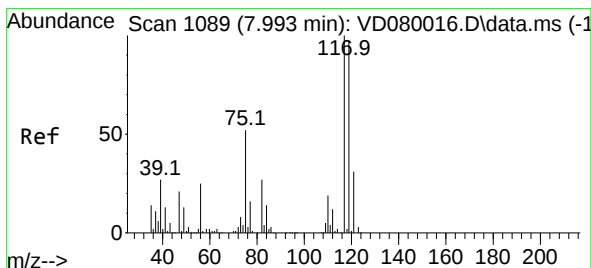
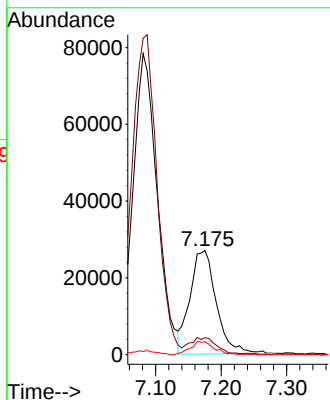
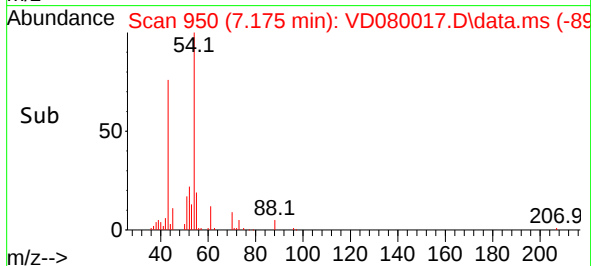
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	75498
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.4	17.0
70	11.3	9.6	14.4



#38

Carbon Tetrachloride

Concen: 45.988 ug/l

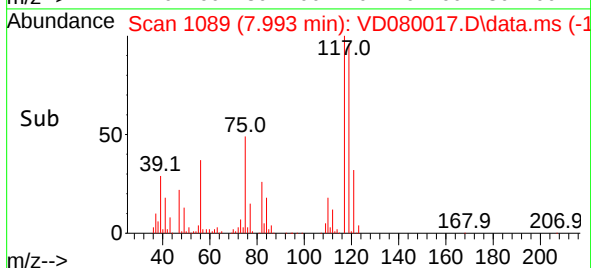
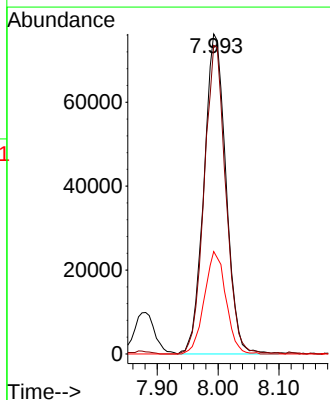
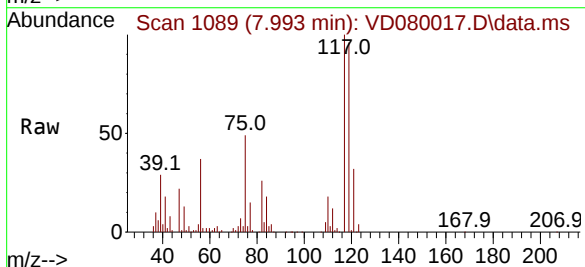
RT: 7.993 min Scan# 1089

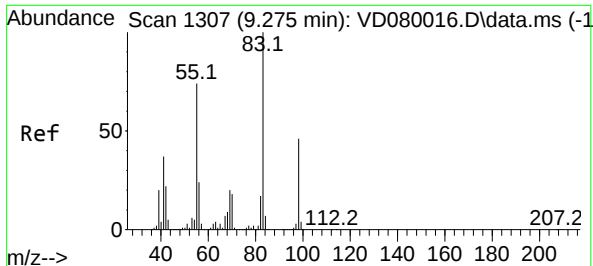
Delta R.T. -0.006 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Tgt Ion:	117	Resp:	191752
Ion	Ratio	Lower	Upper
117	100		
119	96.4	72.6	109.0
121	32.0	26.2	39.4





#39

Methylcyclohexane

Concen: 52.339 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

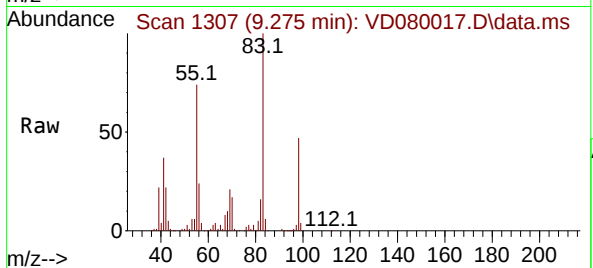
Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

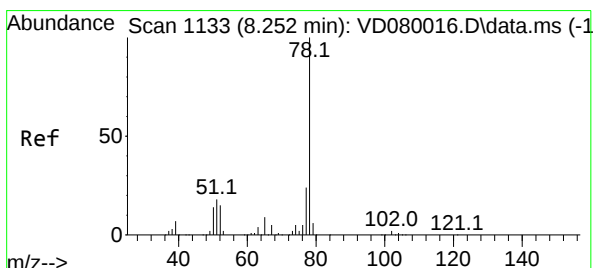
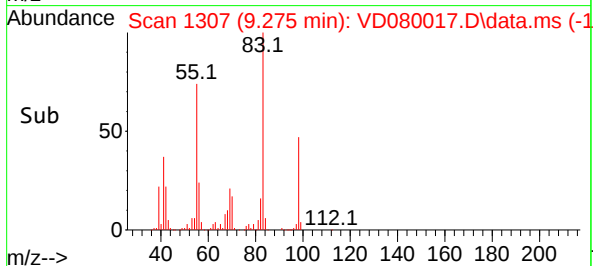
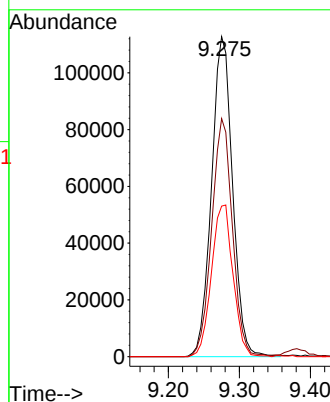
MSVOA_D

ClientSampleId :



Tgt Ion: 83 Resp: 231781

Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.1	90.1
98	47.1	38.2	57.2



#40

Benzene

Concen: 48.008 ug/l

RT: 8.252 min Scan# 1133

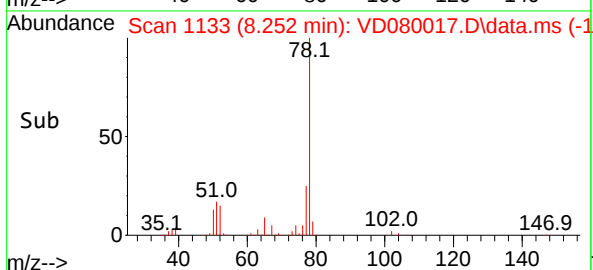
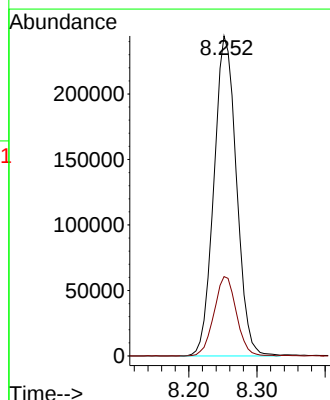
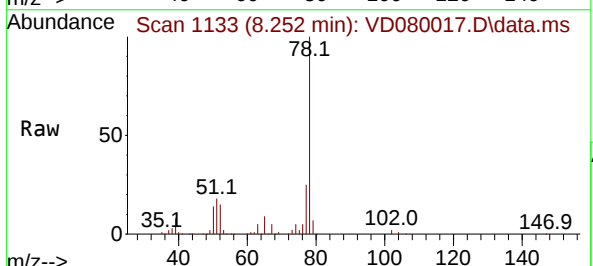
Delta R.T. 0.000 min

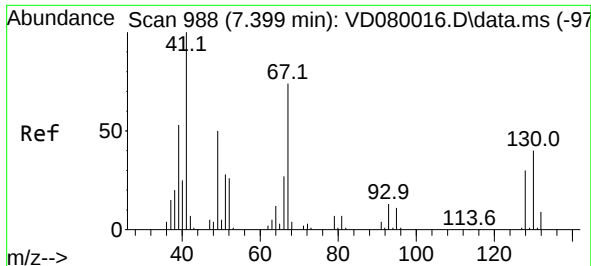
Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Tgt Ion: 78 Resp: 563121

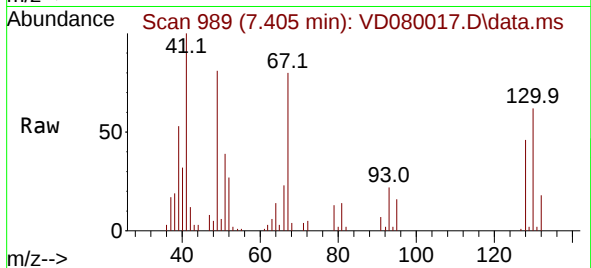
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.7	29.5



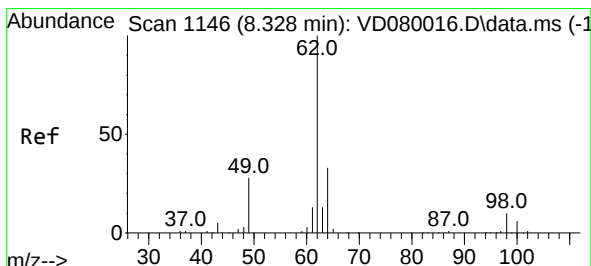
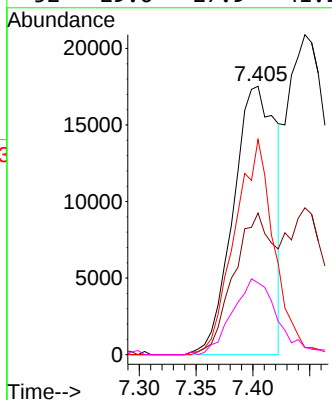
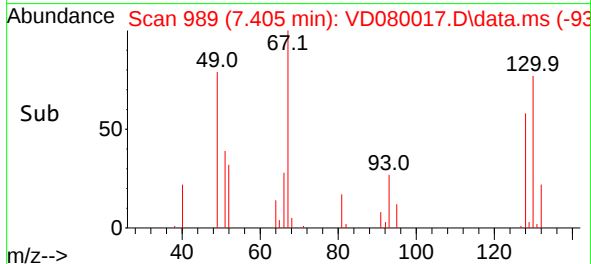


#41
Methacrylonitrile
Concen: 54.155 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Instrument :
MSVOA_D
ClientSampleId :

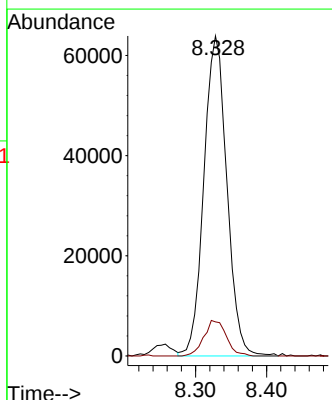
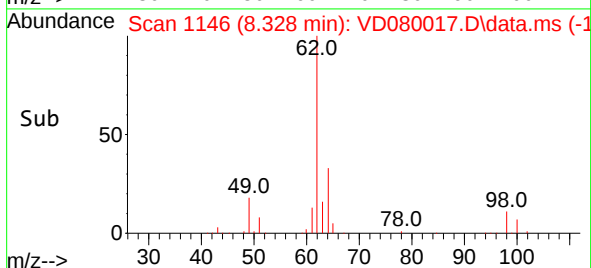
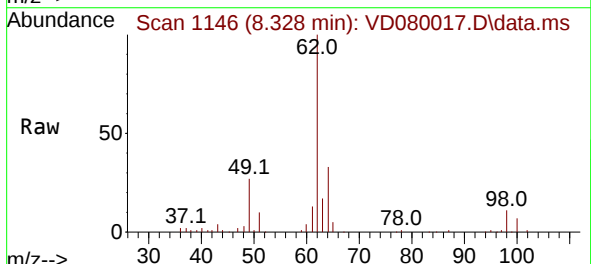


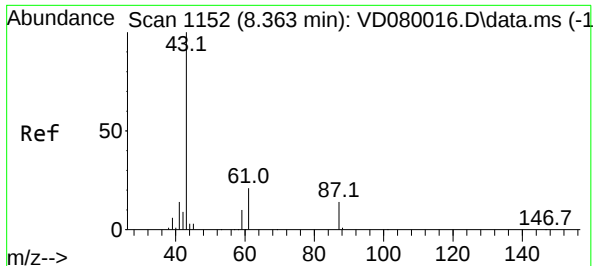
Tgt Ion:	41	Resp:	45652
Ion	Ratio	Lower	Upper
41	100		
39	50.6	46.6	69.8
67	74.9	67.0	100.4
52	29.6	27.9	41.9



#42
1,2-Dichloroethane
Concen: 46.757 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion:	62	Resp:	143676
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.2





#43

Isopropyl Acetate

Concen: 49.774 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

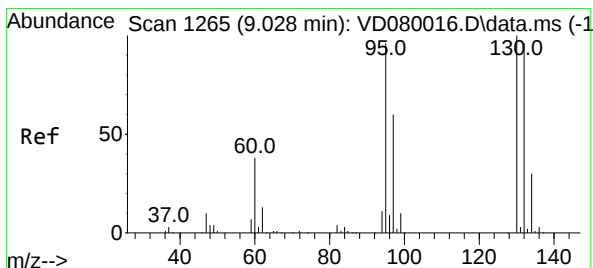
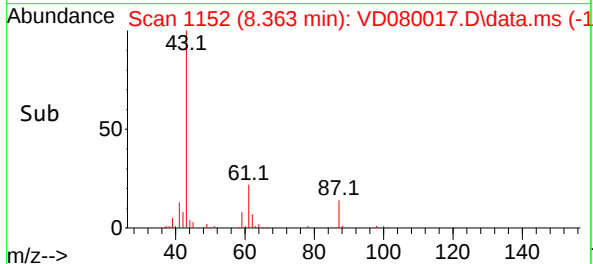
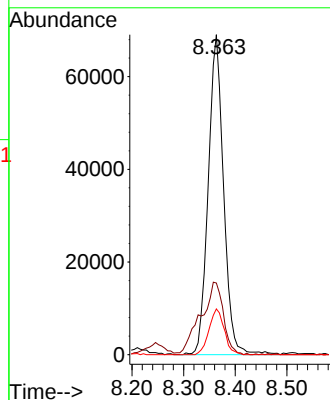
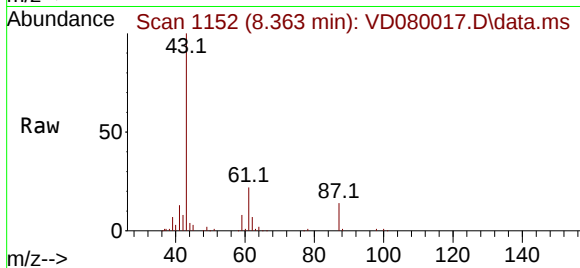
Tgt Ion: 43 Resp: 142627

Ion Ratio Lower Upper

43 100

61 33.3 27.0 40.4

87 14.1 11.3 16.9



#44

Trichloroethene

Concen: 47.559 ug/l

RT: 9.034 min Scan# 1266

Delta R.T. 0.006 min

Lab File: VD080017.D

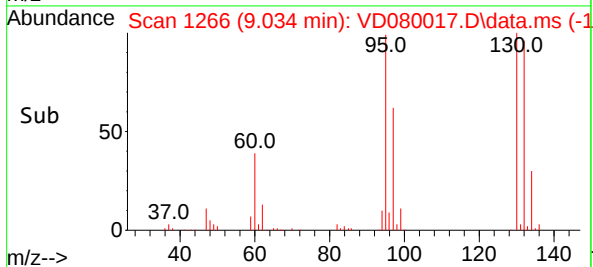
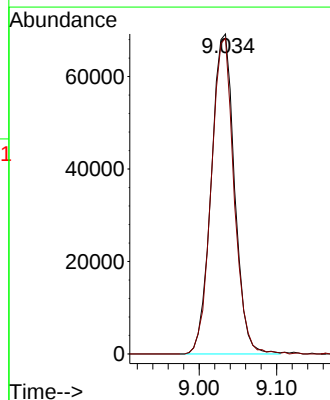
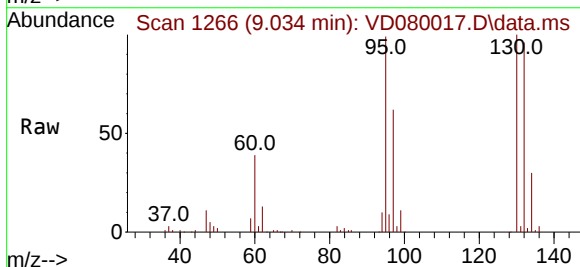
Acq: 14 Nov 2024 20:43

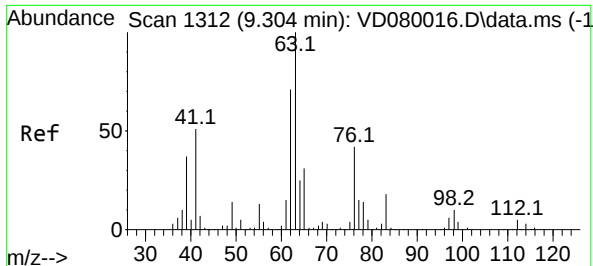
Tgt Ion:130 Resp: 143864

Ion Ratio Lower Upper

130 100

95 98.6 0.0 201.0





#45

1,2-Dichloropropane

Concen: 47.859 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

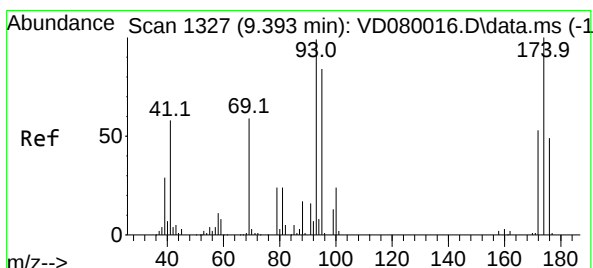
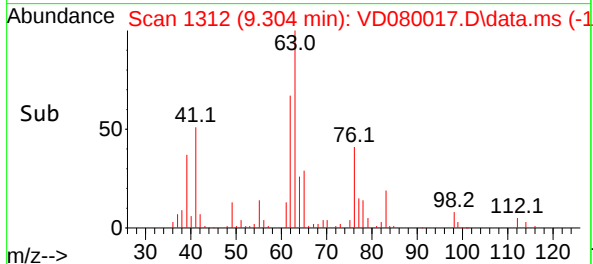
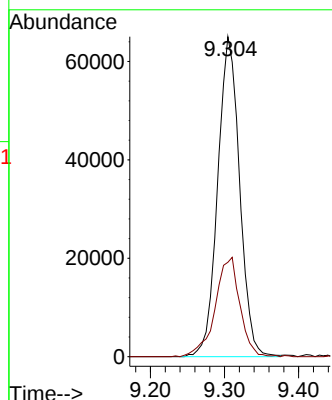
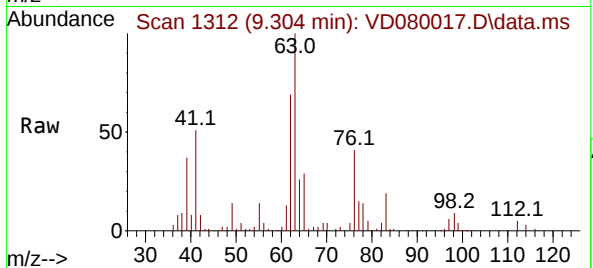
ClientSampleId :

Tgt Ion: 63 Resp: 133589

Ion Ratio Lower Upper

63 100

65 29.5 25.8 38.6



#46

Dibromomethane

Concen: 48.131 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

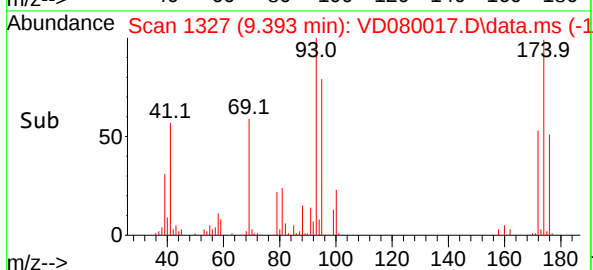
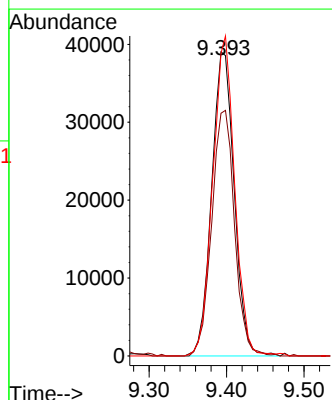
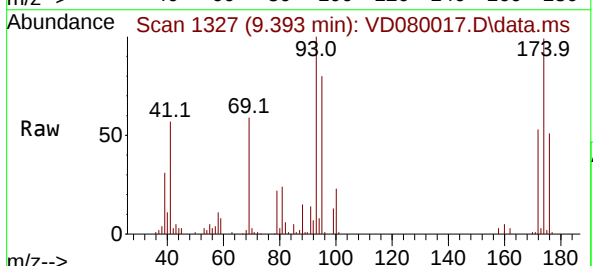
Tgt Ion: 93 Resp: 78959

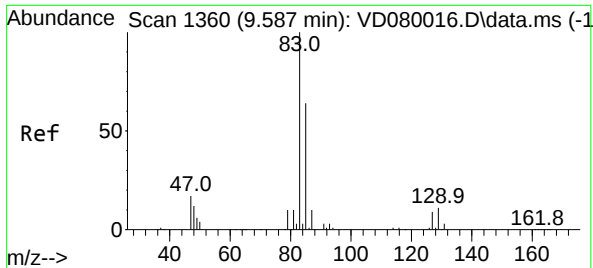
Ion Ratio Lower Upper

93 100

95 81.8 66.8 100.2

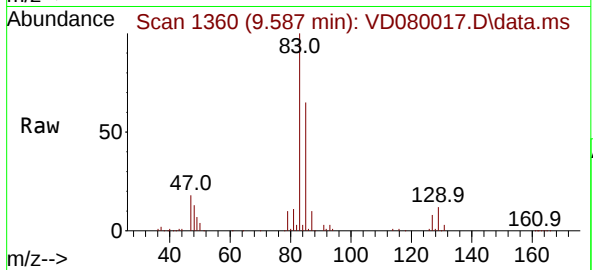
174 102.6 83.9 125.9



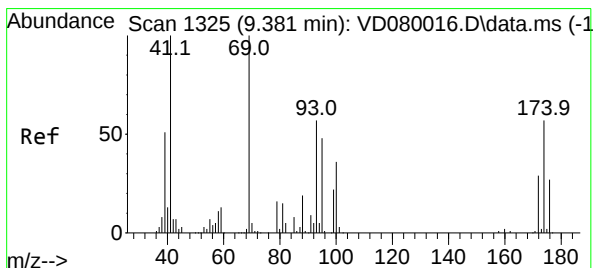
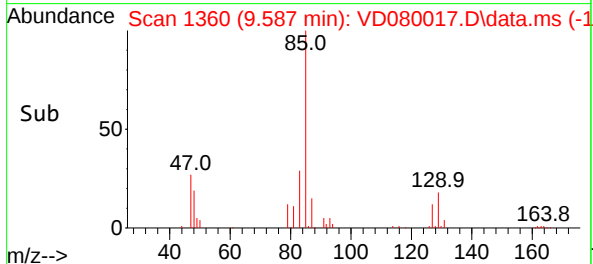
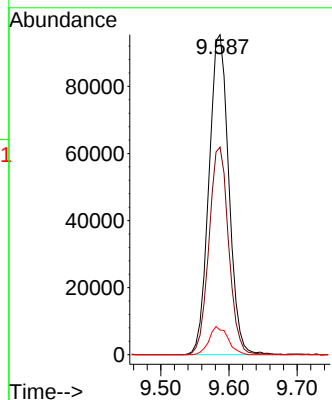


#47
Bromodichloromethane
Concen: 47.006 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Instrument :
MSVOA_D
ClientSampleId :

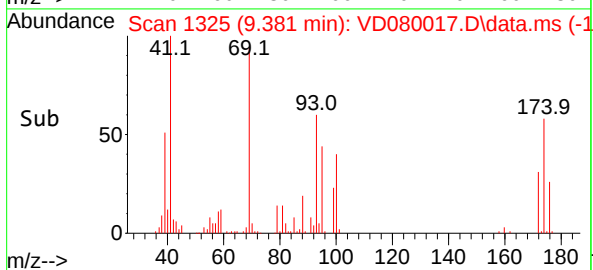
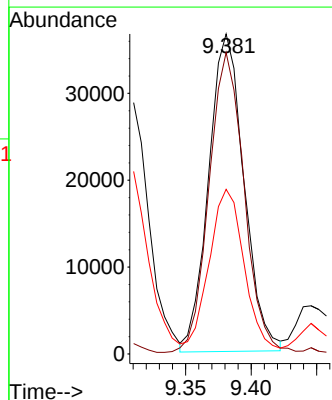
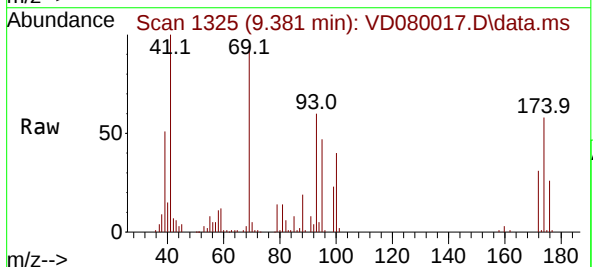


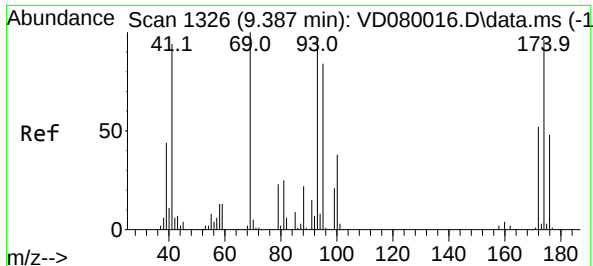
Tgt Ion: 83 Resp: 193303
Ion Ratio Lower Upper
83 100
85 64.8 50.7 76.1
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 53.424 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 41 Resp: 68420
Ion Ratio Lower Upper
41 100
69 93.6 77.0 115.4
39 48.2 41.2 61.8





#49

1,4-Dioxane

Concen: 938.310 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

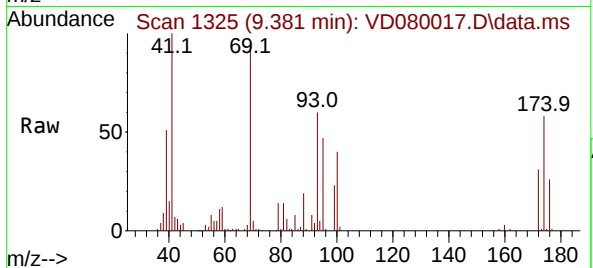
Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :



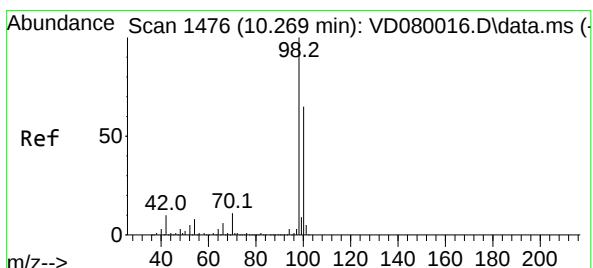
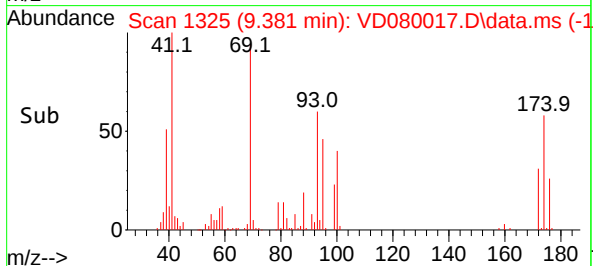
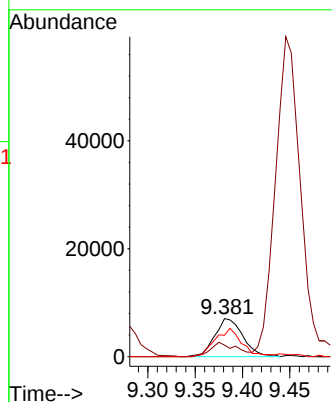
Tgt Ion: 88 Resp: 14666

Ion Ratio Lower Upper

88 100

43 35.1 28.0 42.0

58 70.4 55.2 82.8



#50

Toluene-d8

Concen: 48.200 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080017.D

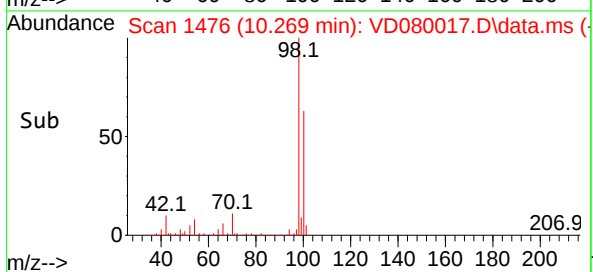
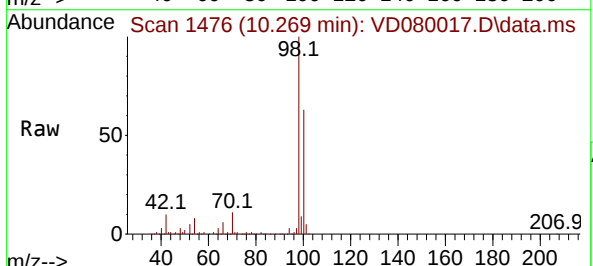
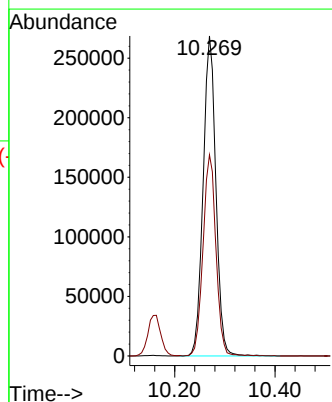
Acq: 14 Nov 2024 20:43

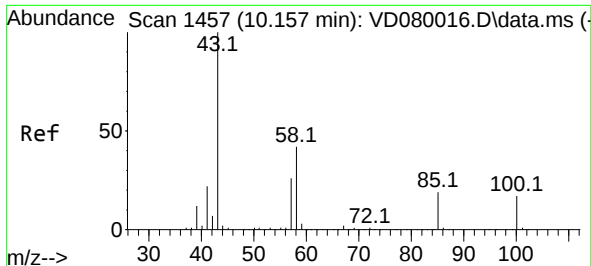
Tgt Ion: 98 Resp: 474473

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

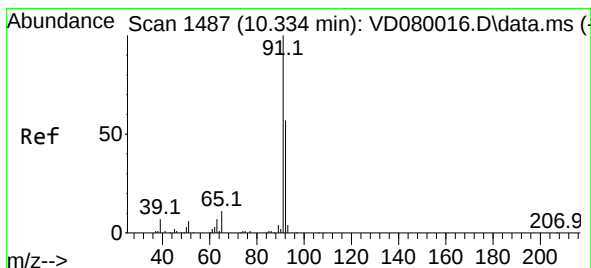
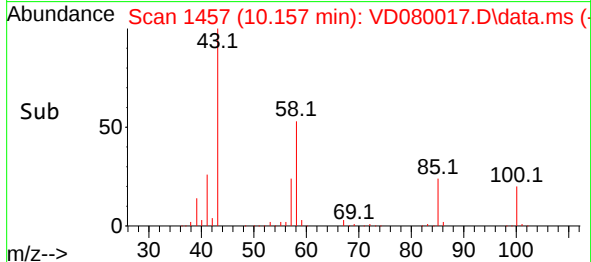
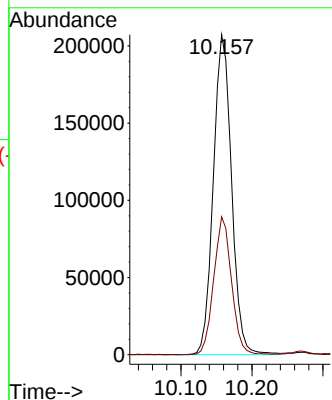
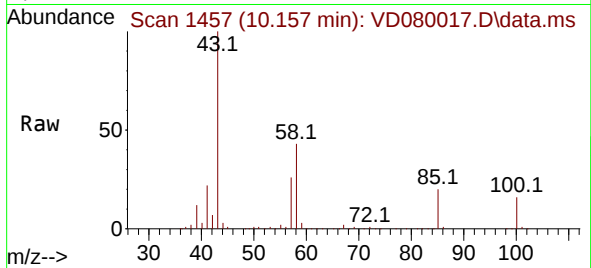




#51
4-Methyl-2-Pentanone
Concen: 255.716 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

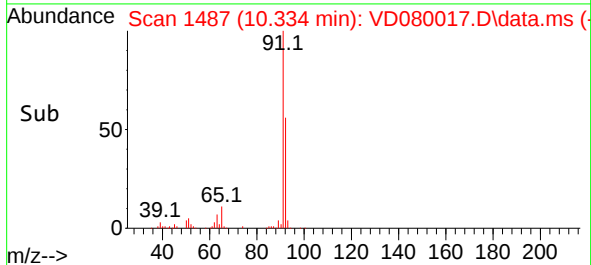
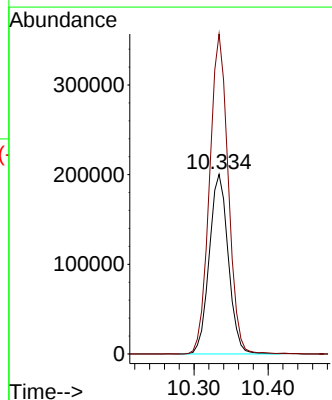
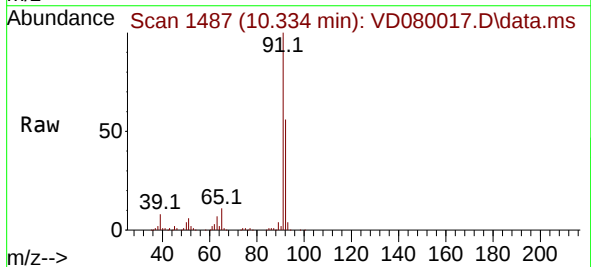
Instrument :
MSVOA_D
ClientSampleId :

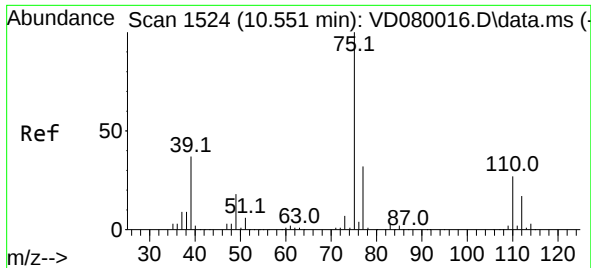
Tgt Ion: 43 Resp: 369264
Ion Ratio Lower Upper
43 100
58 42.0 32.6 48.8



#52
Toluene
Concen: 48.832 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 92 Resp: 356677
Ion Ratio Lower Upper
92 100
91 175.5 141.4 212.2

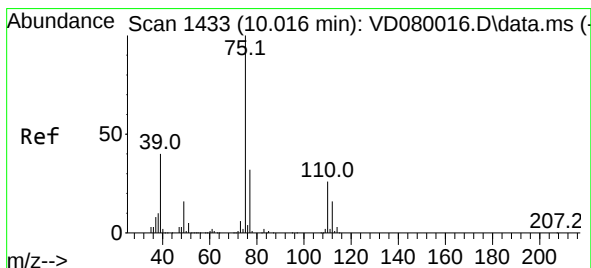
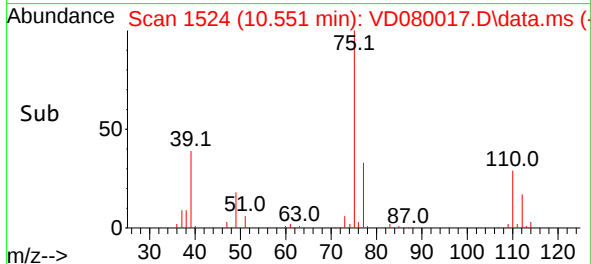
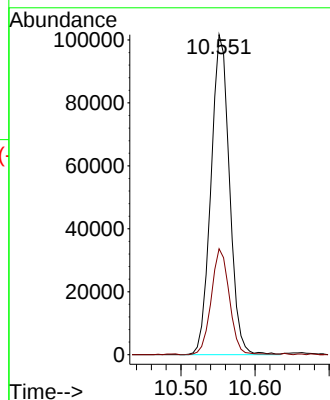
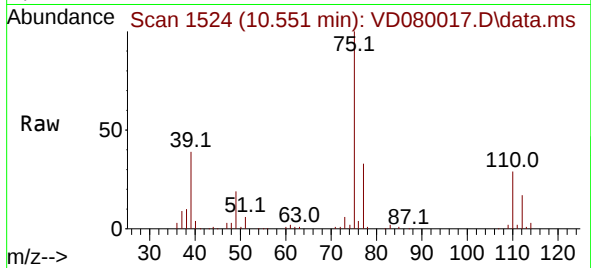




#53
t-1,3-Dichloropropene
Concen: 49.405 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

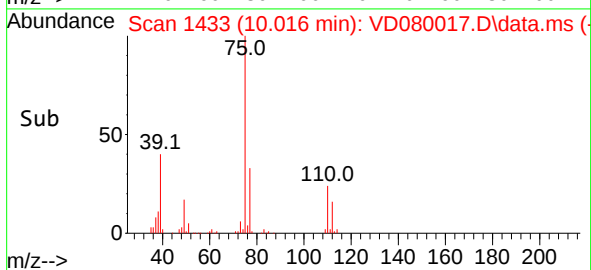
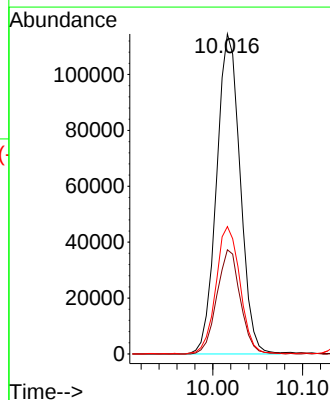
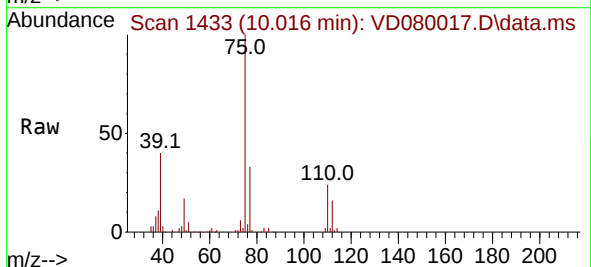
Instrument :
MSVOA_D
ClientSampleId :

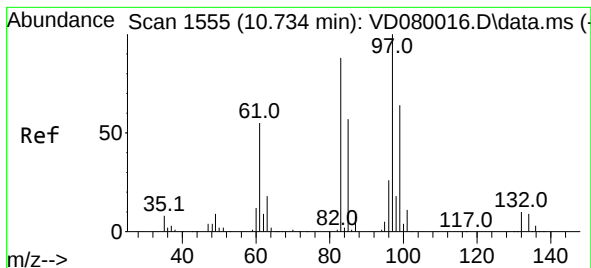
Tgt Ion: 75 Resp: 176151
Ion Ratio Lower Upper
75 100
77 33.1 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 48.959 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 75 Resp: 209186
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
39 39.8 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 46.467 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 101783

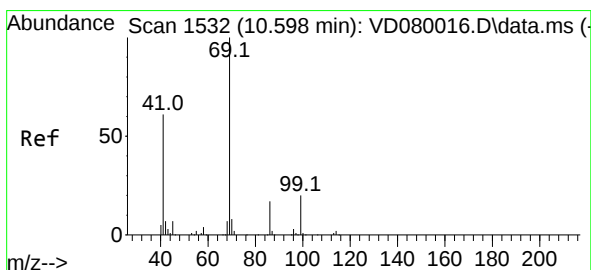
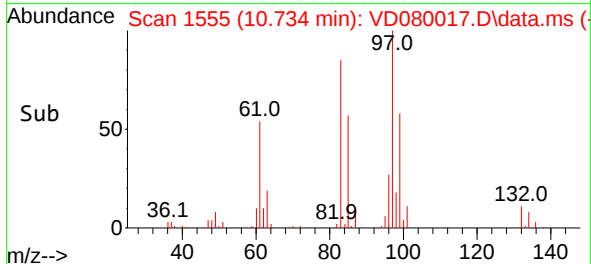
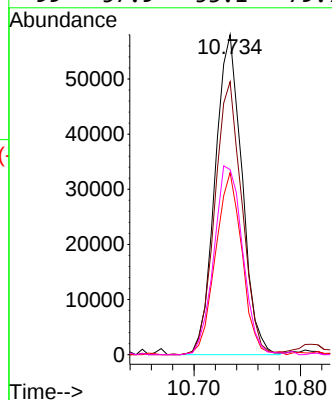
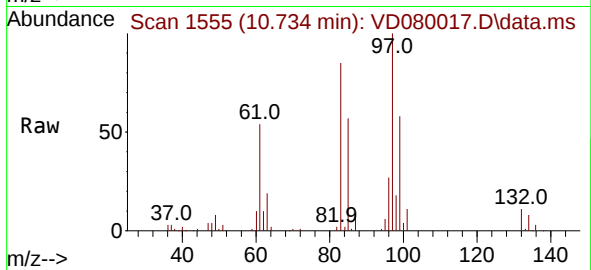
Ion Ratio Lower Upper

97 100

83 85.3 68.2 102.2

85 56.9 44.2 66.2

99 57.9 53.1 79.7



#56

Ethyl methacrylate

Concen: 52.351 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

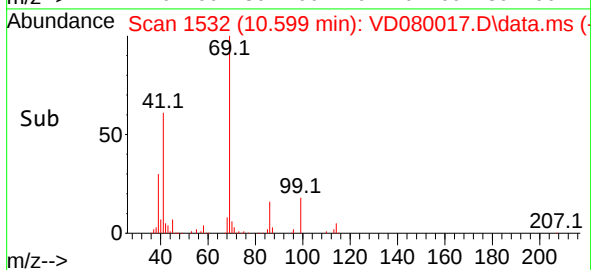
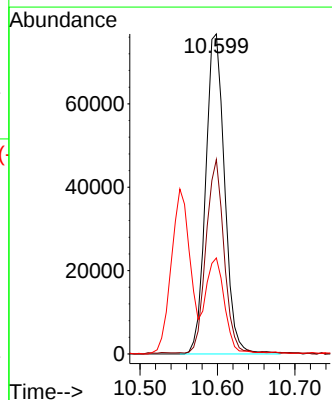
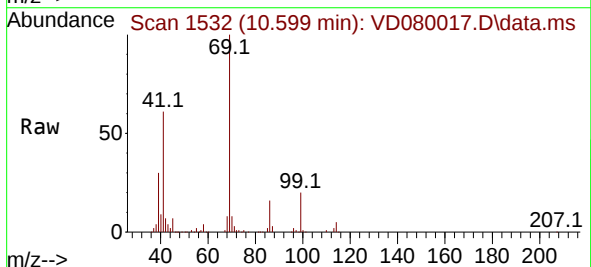
Tgt Ion: 69 Resp: 130374

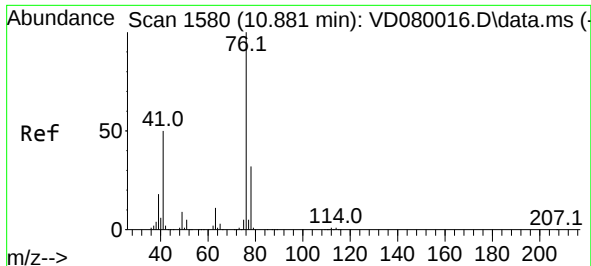
Ion Ratio Lower Upper

69 100

41 57.3 48.0 72.0

39 29.4 25.0 37.4





#57

1,3-Dichloropropane

Concen: 48.562 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

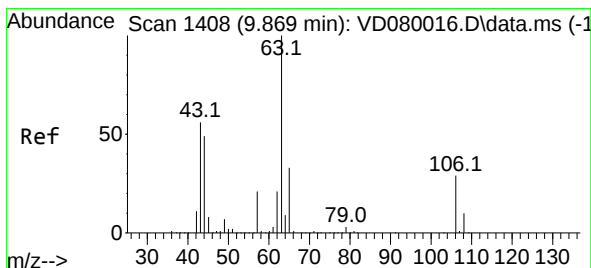
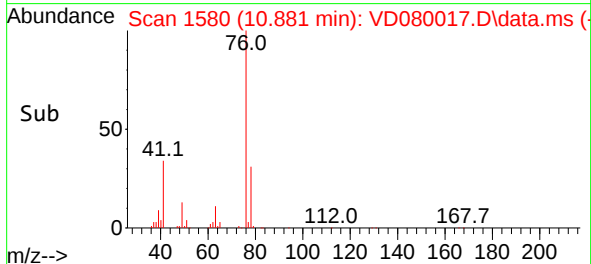
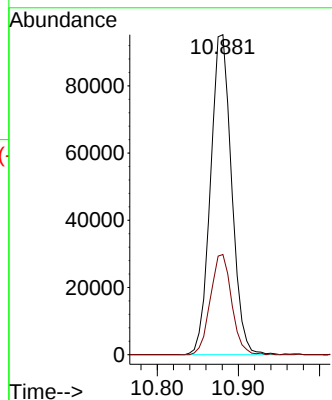
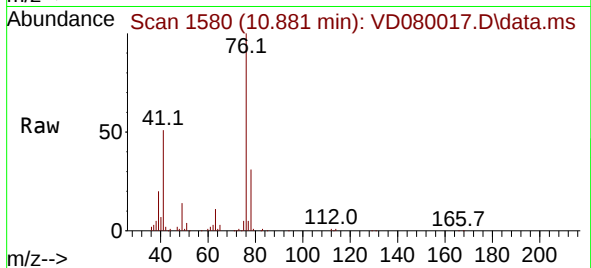
ClientSampleId :

Tgt Ion: 76 Resp: 171963

Ion Ratio Lower Upper

76 100

78 31.6 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 239.910 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080017.D

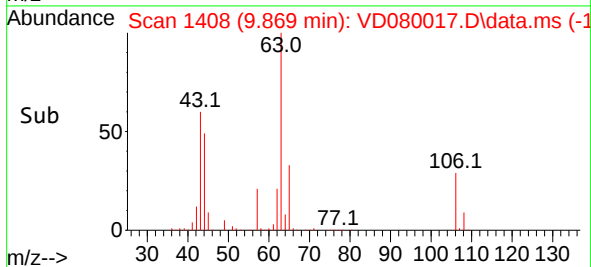
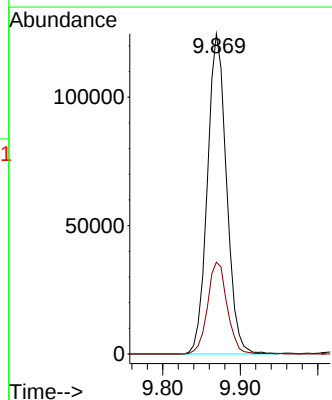
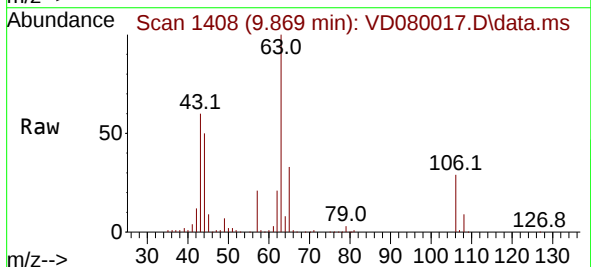
Acq: 14 Nov 2024 20:43

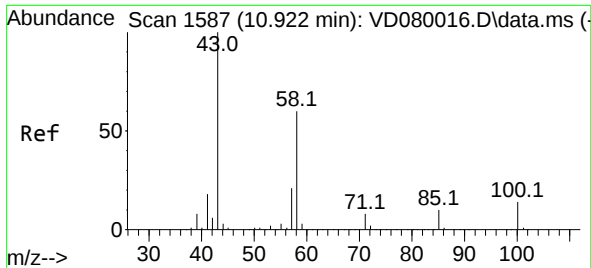
Tgt Ion: 63 Resp: 213360

Ion Ratio Lower Upper

63 100

106 29.4 23.3 34.9

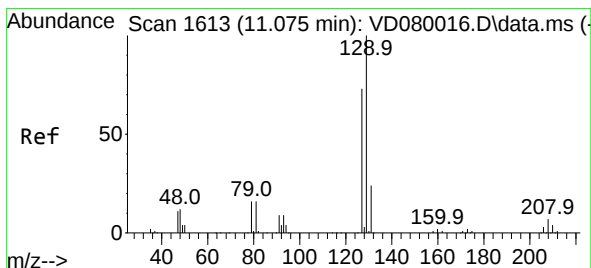
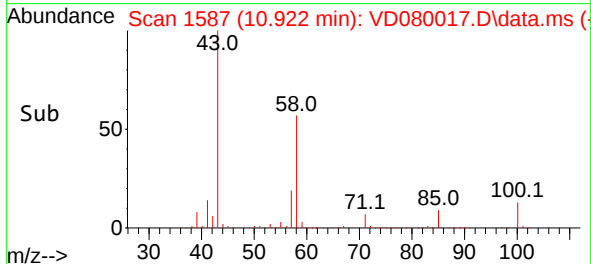
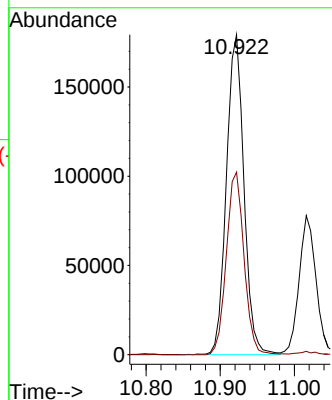
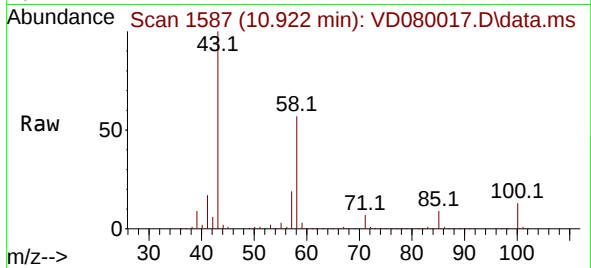




#59
2-Hexanone
Concen: 265.407 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

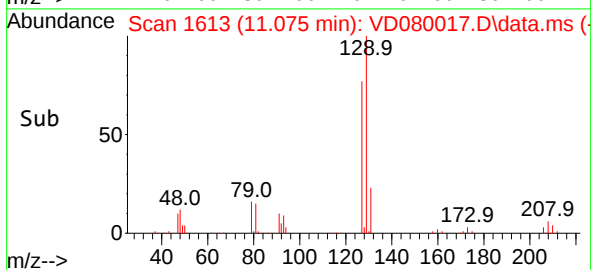
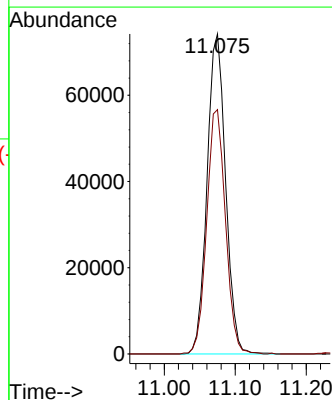
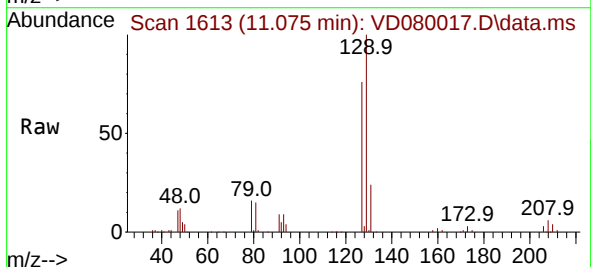
Instrument :
MSVOA_D
ClientSampleId :

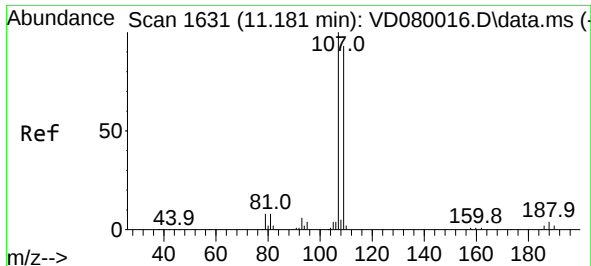
Tgt Ion: 43 Resp: 294115
Ion Ratio Lower Upper
43 100
58 57.5 29.1 87.4



#60
Dibromochloromethane
Concen: 46.375 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion:129 Resp: 134532
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

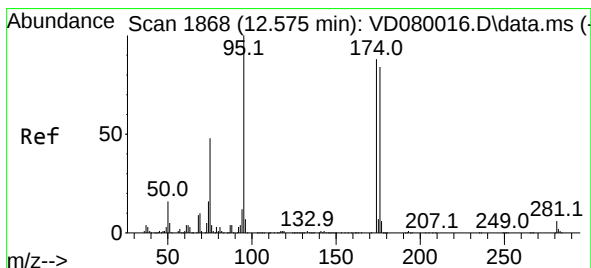
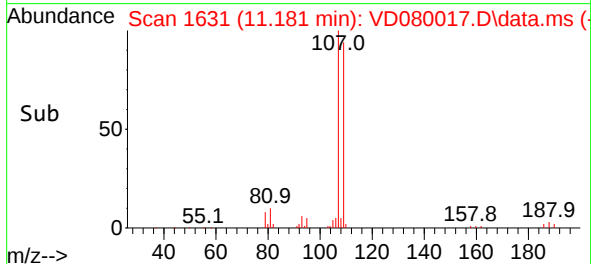
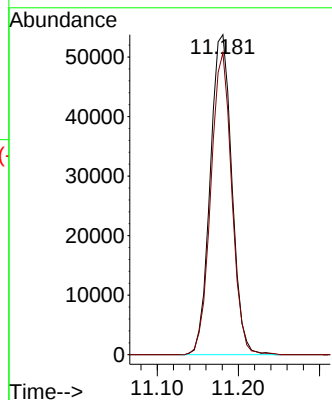
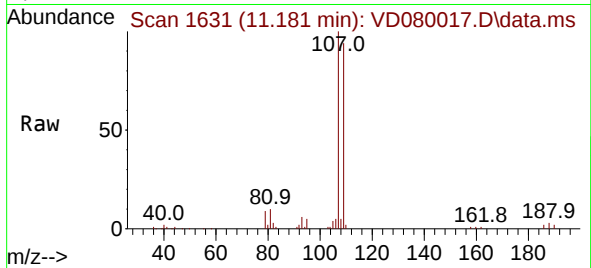




#61
1,2-Dibromoethane
Concen: 48.356 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

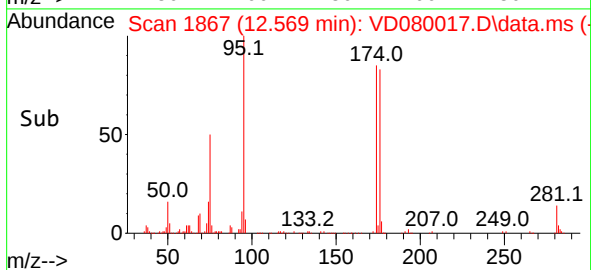
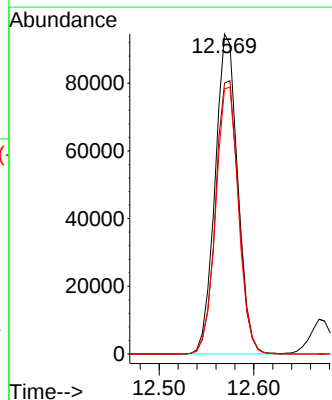
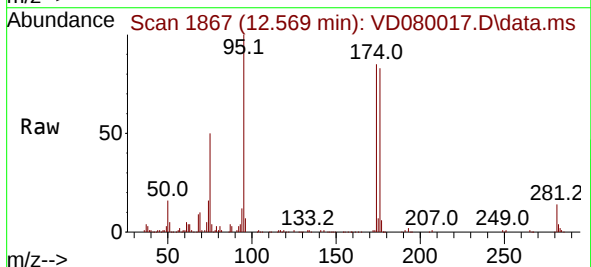
Instrument :
MSVOA_D
ClientSampleId :

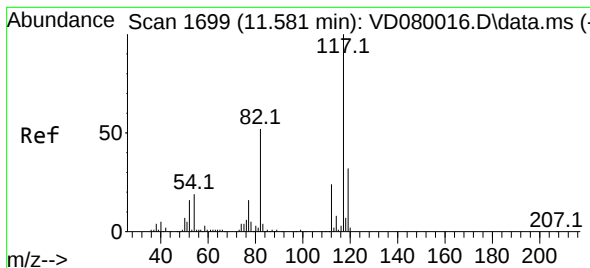
Tgt Ion:107 Resp: 99426
Ion Ratio Lower Upper
107 100
109 91.2 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 47.384 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 95 Resp: 156455
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 84.1 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: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

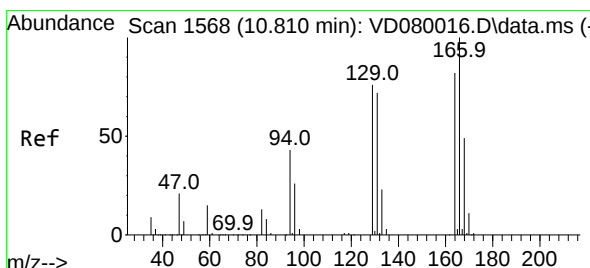
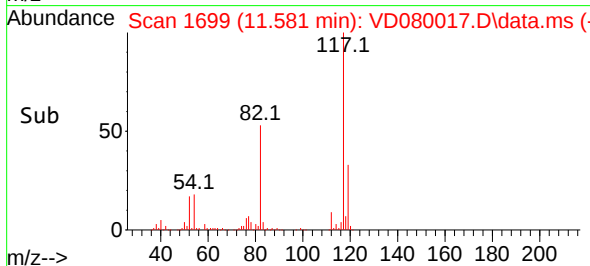
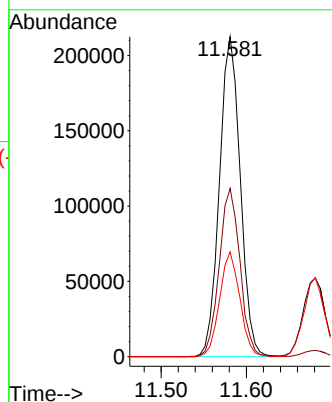
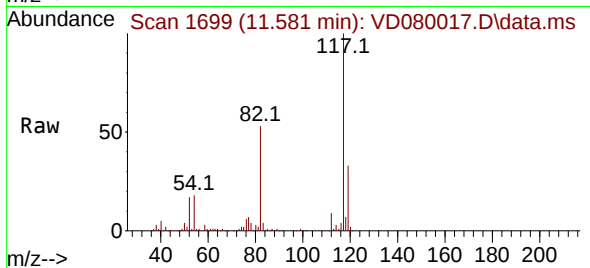
Tgt Ion:117 Resp: 361884

Ion Ratio Lower Upper

117 100

82 52.5 43.7 65.5

119 32.7 26.8 40.2



#64

Tetrachloroethene

Concen: 46.852 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Tgt Ion:164 Resp: 127975

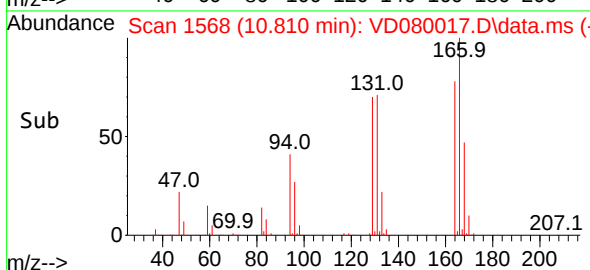
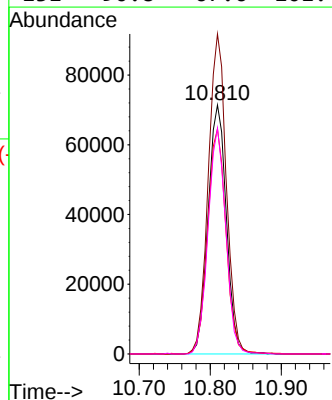
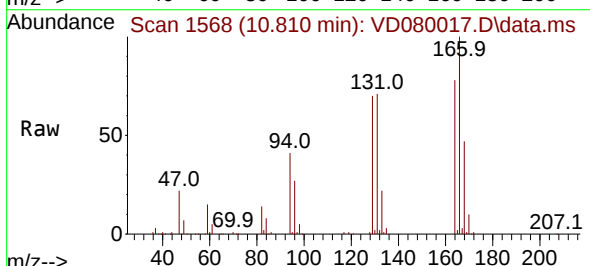
Ion Ratio Lower Upper

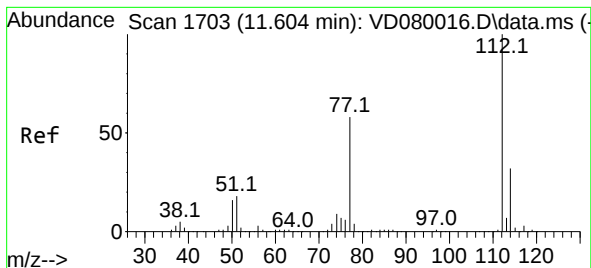
164 100

166 128.5 101.4 152.2

129 90.3 69.6 104.4

131 90.8 67.6 101.4





#65

Chlorobenzene

Concen: 48.458 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

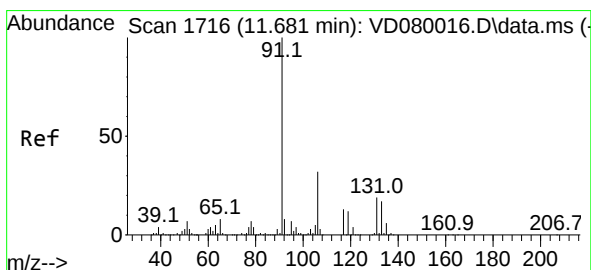
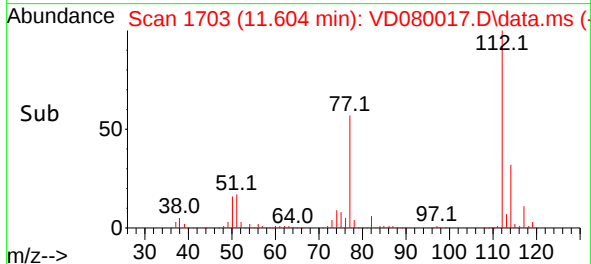
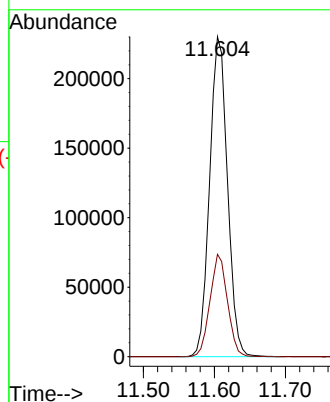
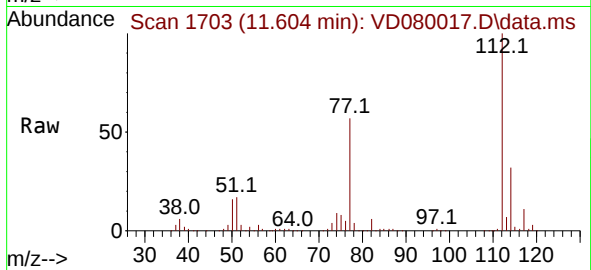
ClientSampleId :

Tgt Ion:112 Resp: 401764

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 45.947 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

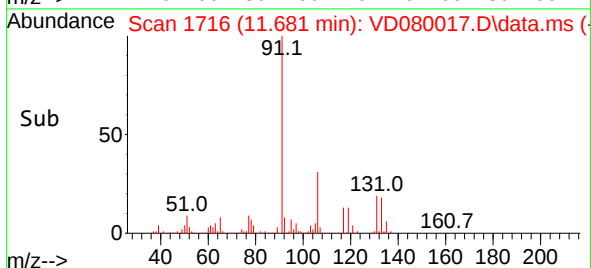
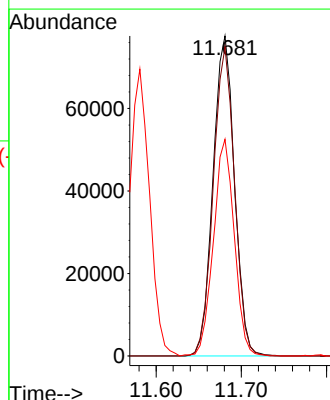
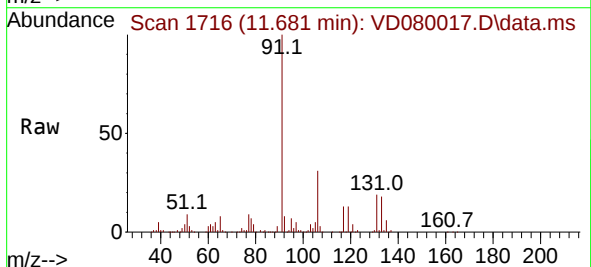
Tgt Ion:131 Resp: 135431

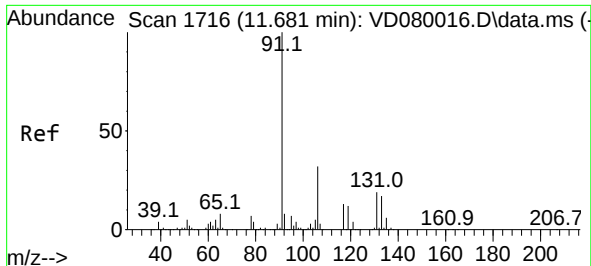
Ion Ratio Lower Upper

131 100

133 96.1 46.5 139.5

119 65.7 33.0 98.9

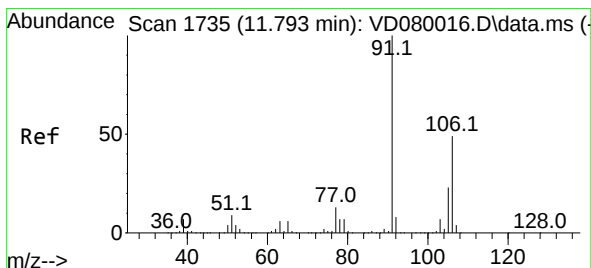
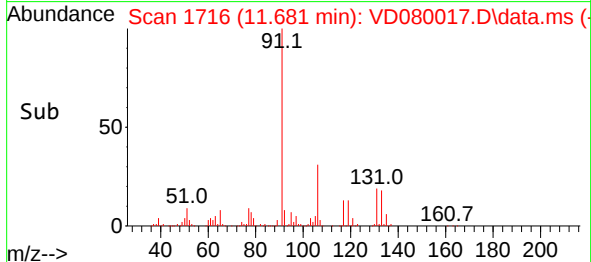
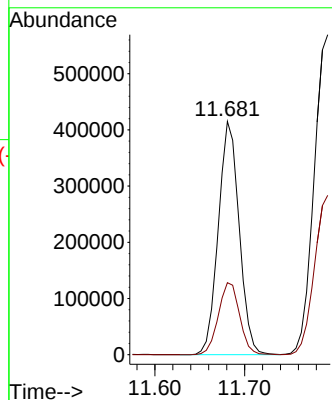
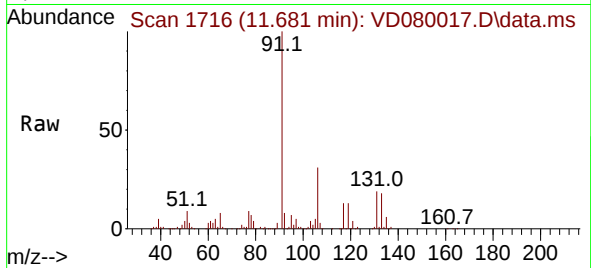




#67
Ethyl Benzene
Concen: 48.808 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

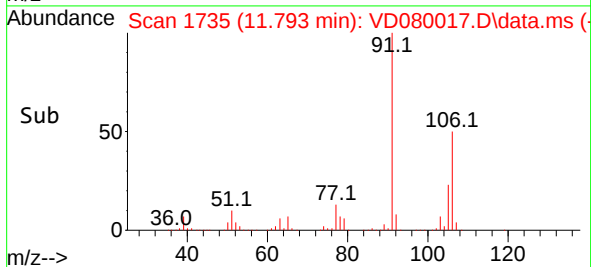
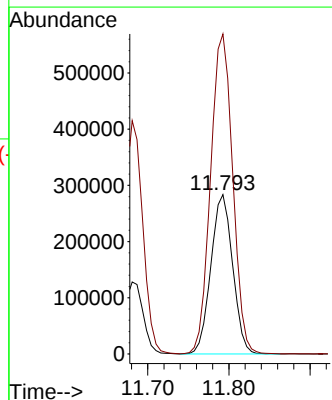
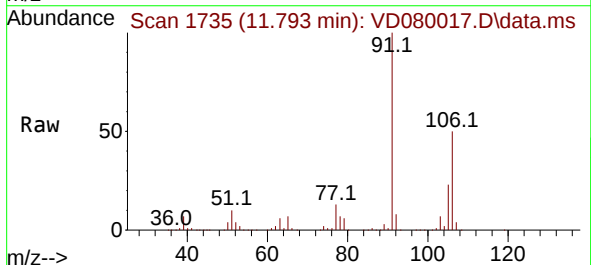
Instrument :
MSVOA_D
ClientSampleId :

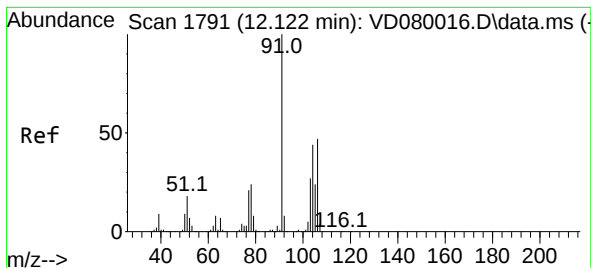
Tgt Ion: 91 Resp: 669802
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6



#68
m/p-Xylenes
Concen: 97.635 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion:106 Resp: 528345
Ion Ratio Lower Upper
106 100
91 204.2 161.0 241.4





#69

o-Xylene

Concen: 49.985 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

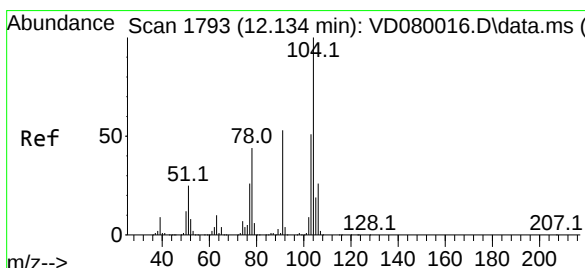
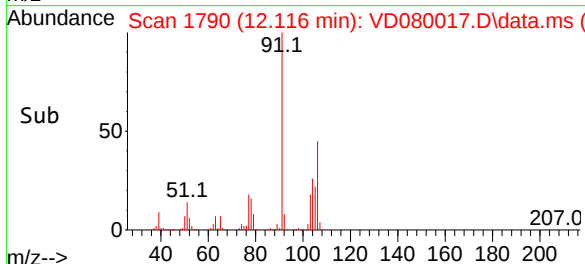
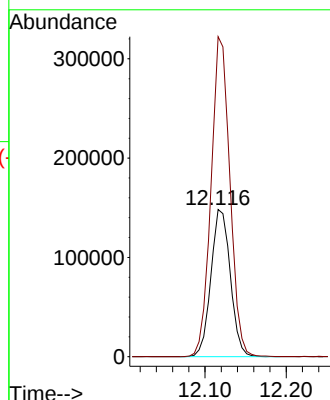
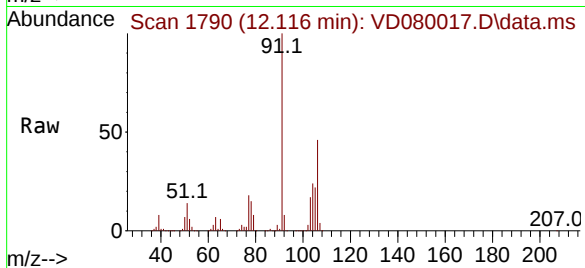
ClientSampleId :

Tgt Ion:106 Resp: 245639

Ion Ratio Lower Upper

106 100

91 212.2 105.8 317.6



#70

Styrene

Concen: 49.688 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

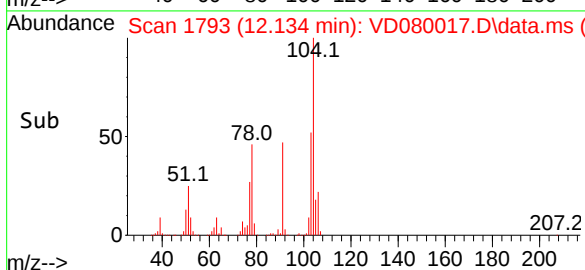
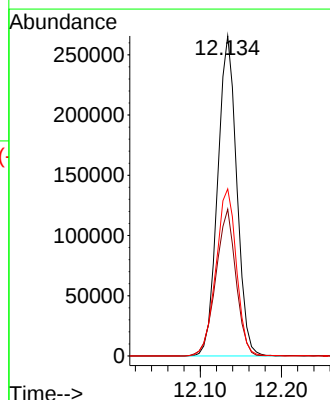
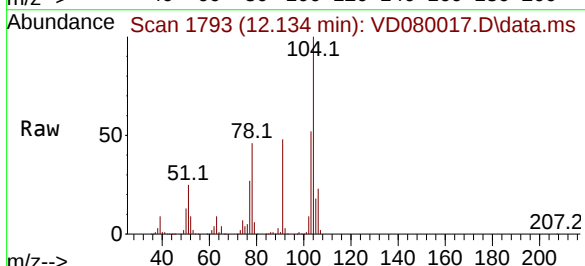
Tgt Ion:104 Resp: 434113

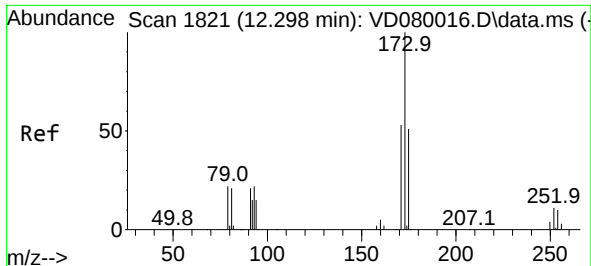
Ion Ratio Lower Upper

104 100

78 48.5 39.8 59.6

103 55.9 45.4 68.0

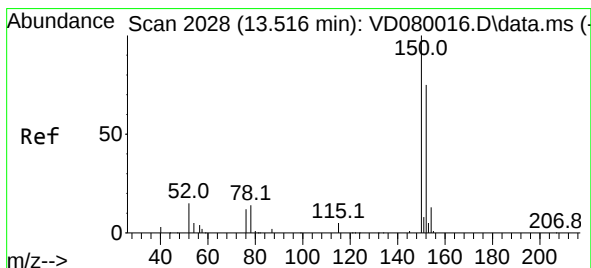
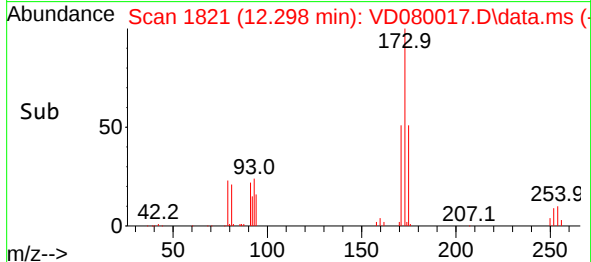
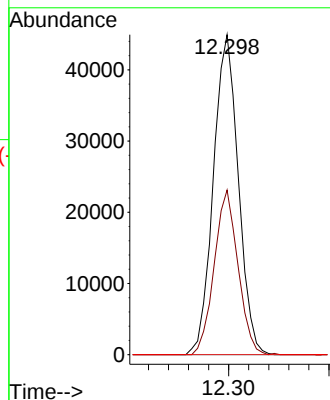
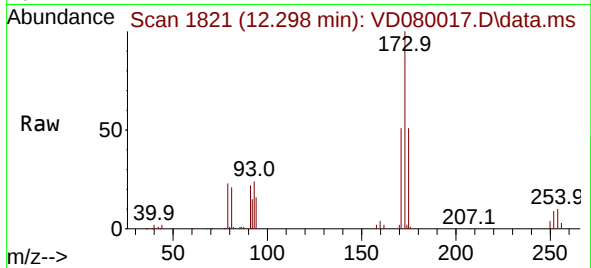




#71
Bromoform
Concen: 46.638 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

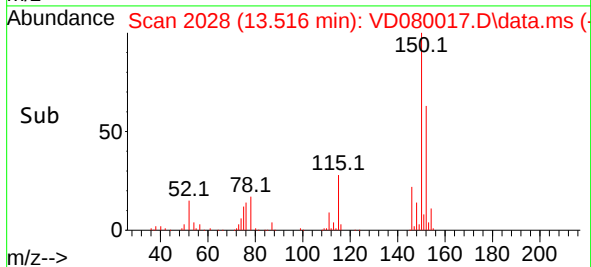
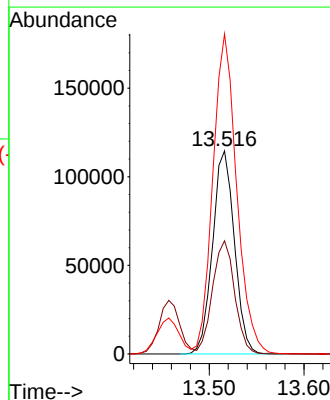
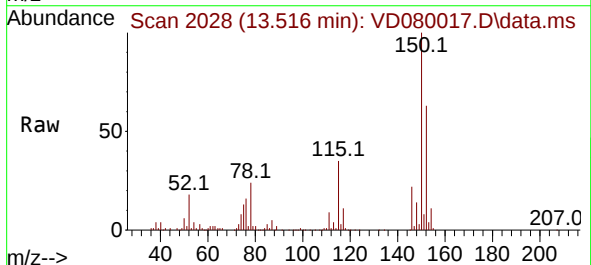
Instrument :
MSVOA_D
ClientSampleId :

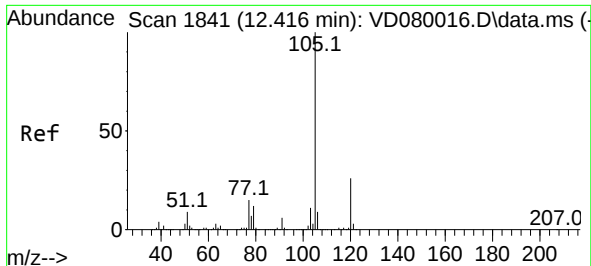
Tgt Ion:173 Resp: 77620
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion:152 Resp: 183572
Ion Ratio Lower Upper
152 100
115 56.3 28.7 86.3
150 171.7 0.0 353.8

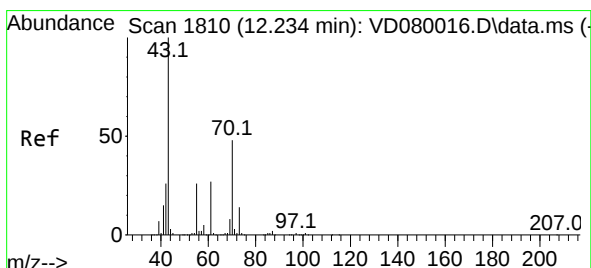
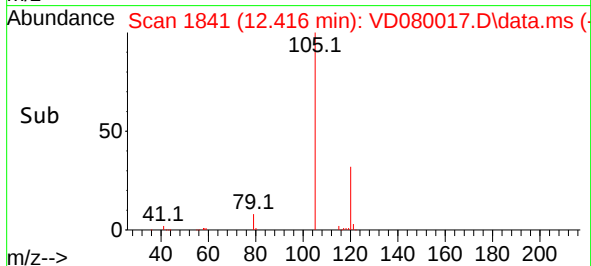
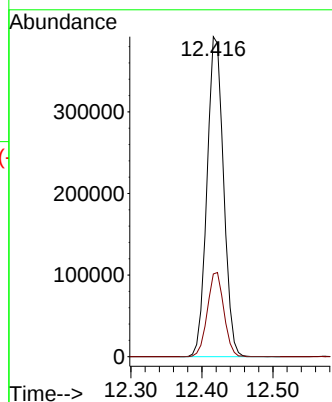
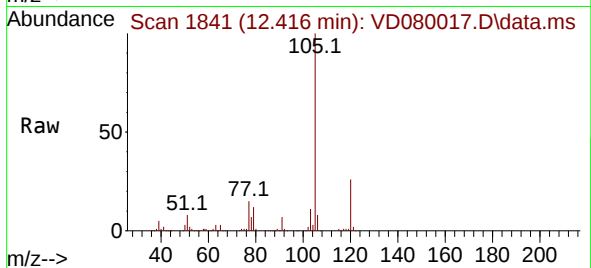




#73
Isopropylbenzene
Concen: 52.692 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

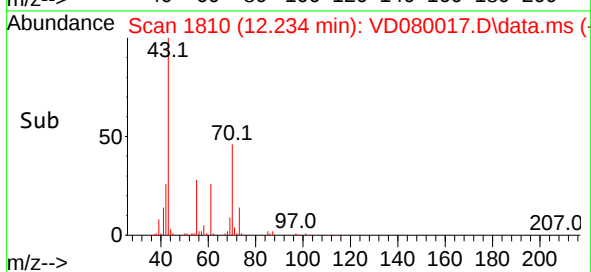
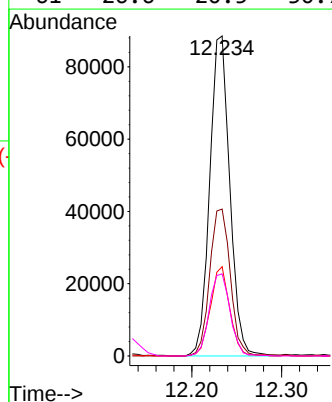
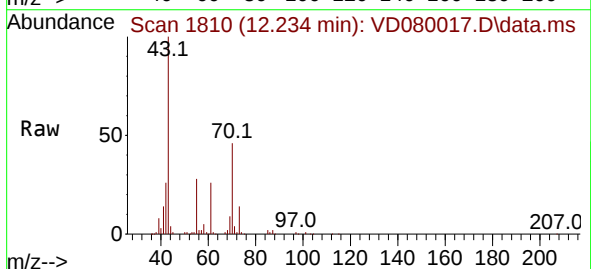
Instrument :
MSVOA_D
ClientSampleId :

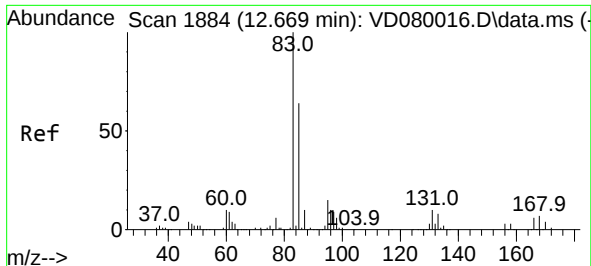
Tgt Ion:105 Resp: 635429
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 53.405 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 43 Resp: 137462
Ion Ratio Lower Upper
43 100
70 47.1 37.4 56.0
55 27.0 21.8 32.8
61 26.6 20.5 30.7

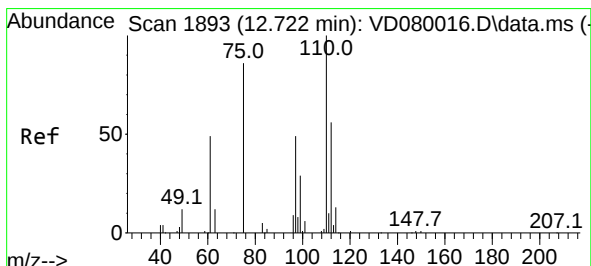
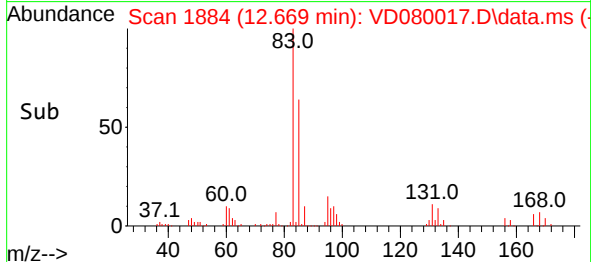
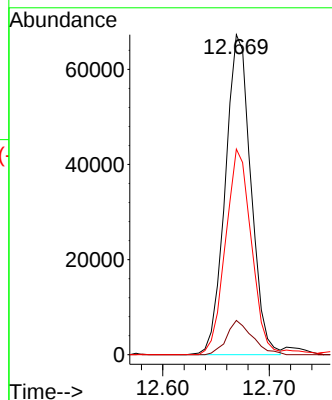
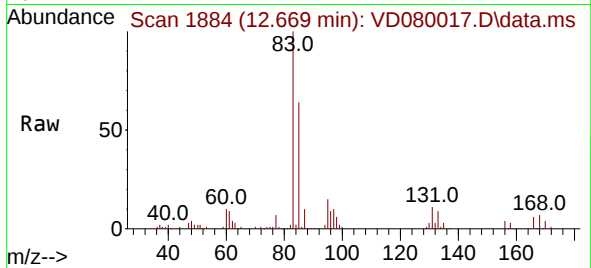




#75
1,1,2,2-Tetrachloroethane
Concen: 48.101 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

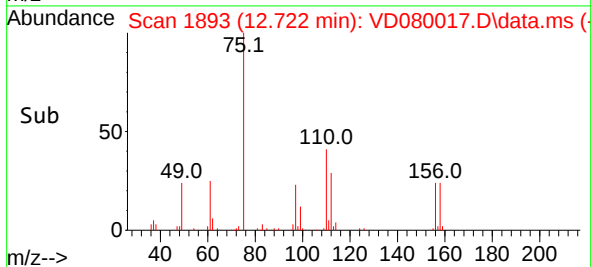
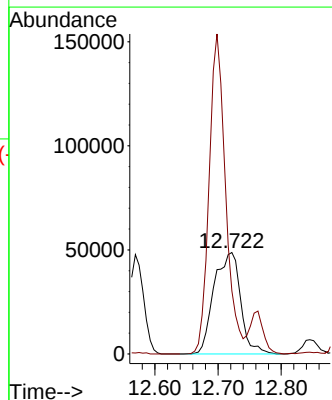
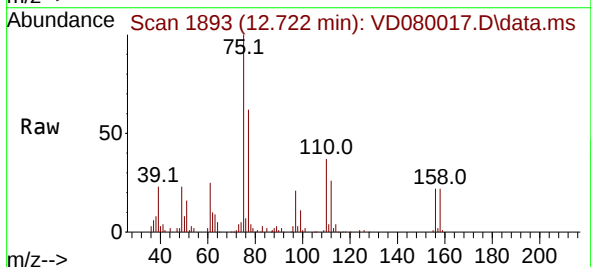
Instrument :
MSVOA_D
ClientSampleId :

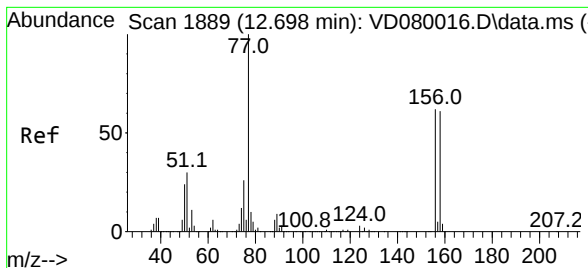
Tgt Ion: 83 Resp: 112154
Ion Ratio Lower Upper
83 100
131 10.7 5.0 15.0
85 66.1 31.2 93.6



#76
1,2,3-Trichloropropane
Concen: 90.943 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 75 Resp: 142349
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.606 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

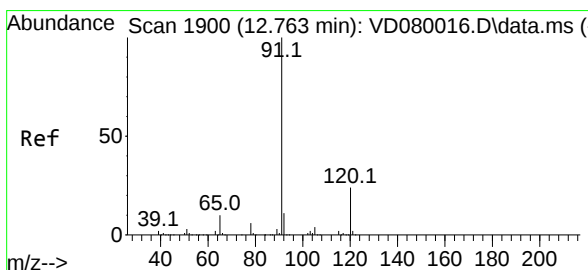
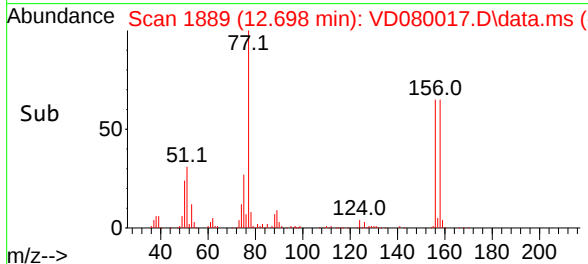
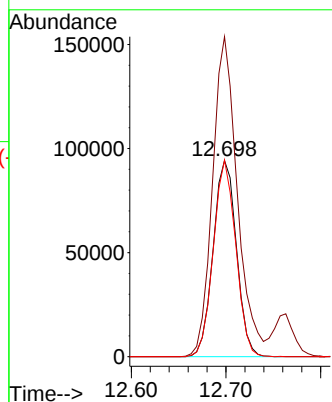
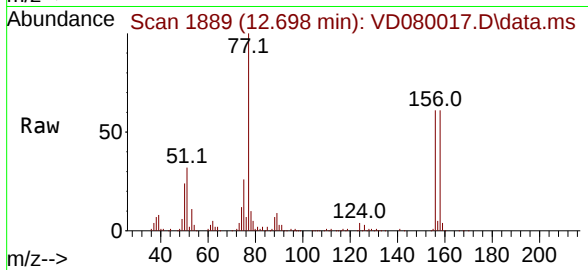
Tgt Ion:156 Resp: 160689

Ion Ratio Lower Upper

156 100

77 173.8 84.9 254.6

158 96.8 47.8 143.3



#78

n-propylbenzene

Concen: 52.188 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD080017.D

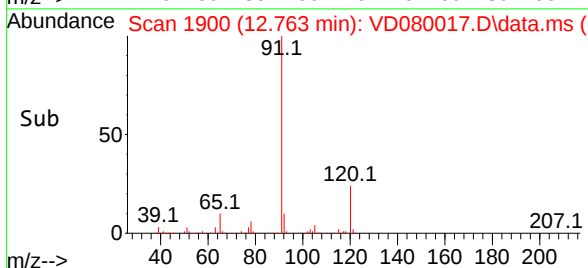
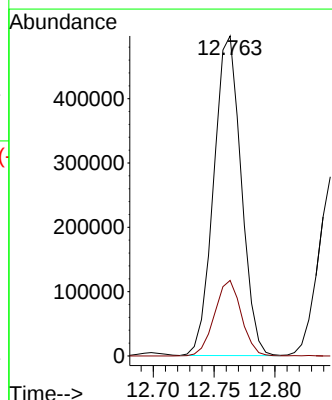
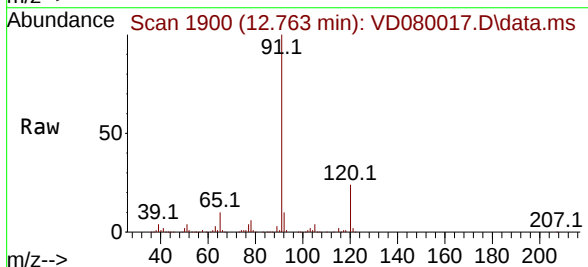
Acq: 14 Nov 2024 20:43

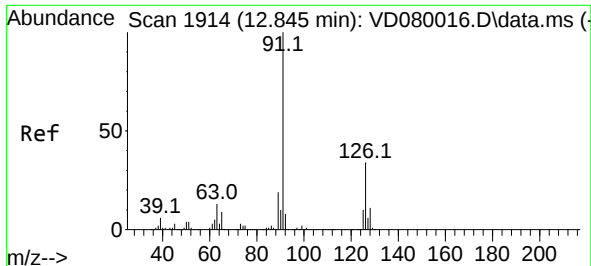
Tgt Ion: 91 Resp: 778795

Ion Ratio Lower Upper

91 100

120 23.1 11.4 34.1

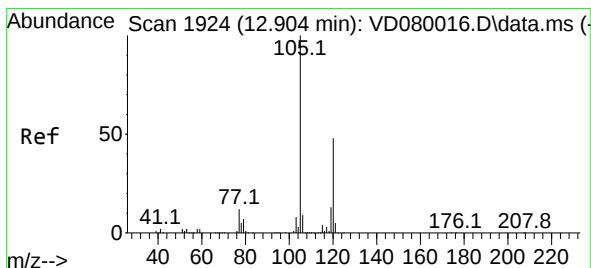
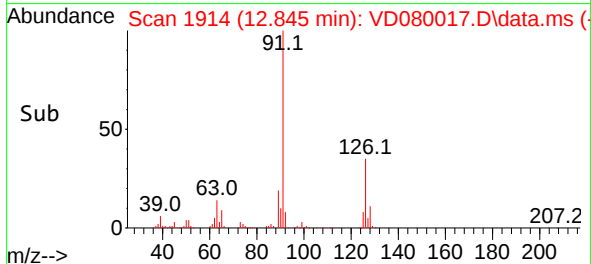
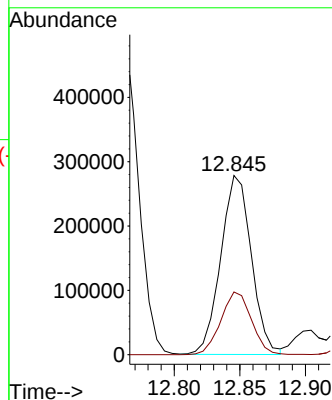
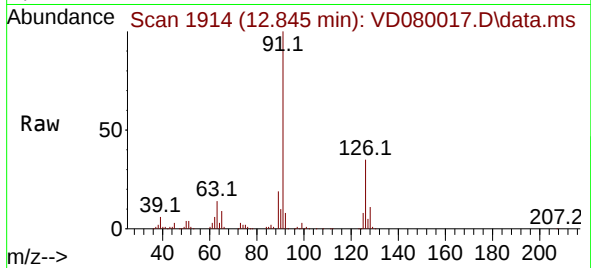




#79
2-Chlorotoluene
Concen: 51.002 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

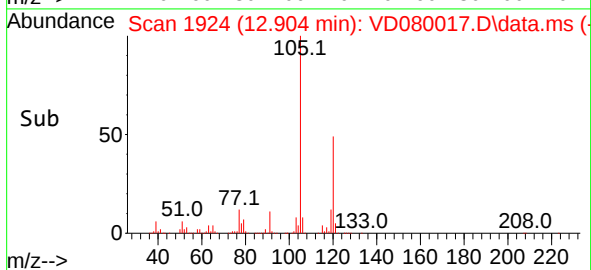
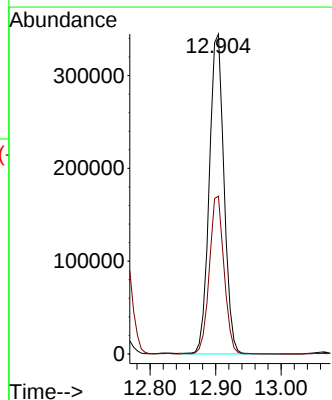
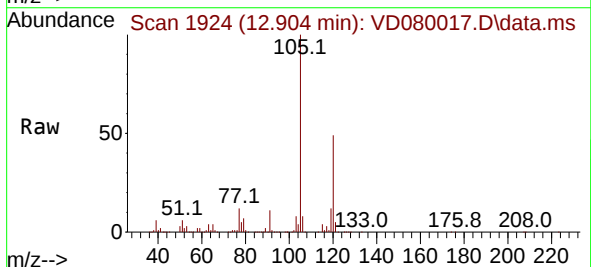
Instrument :
MSVOA_D
ClientSampleId :

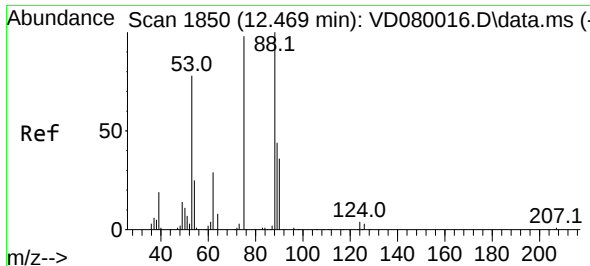
Tgt Ion: 91 Resp: 452375
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 52.794 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion:105 Resp: 538503
Ion Ratio Lower Upper
105 100
120 49.1 24.6 74.0

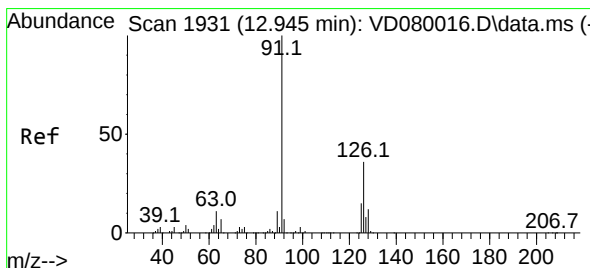
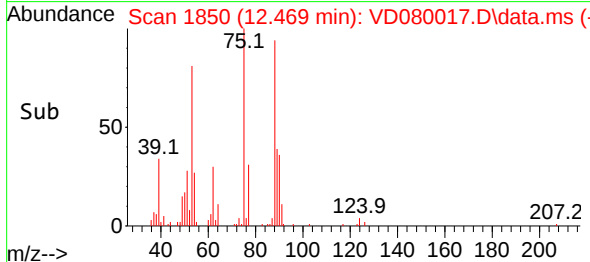
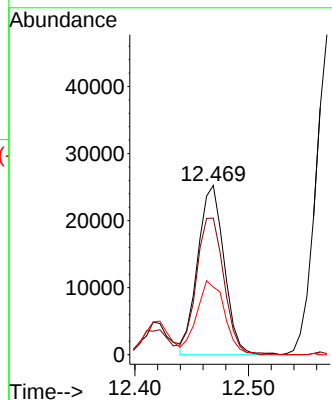
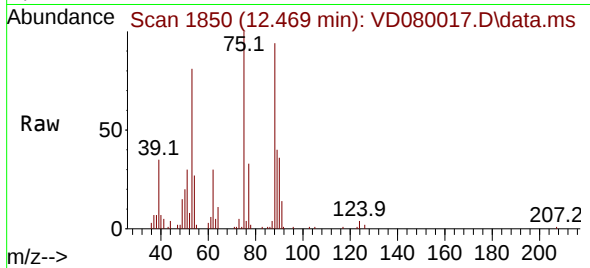




#81
trans-1,4-Dichloro-2-butene
Concen: 50.459 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

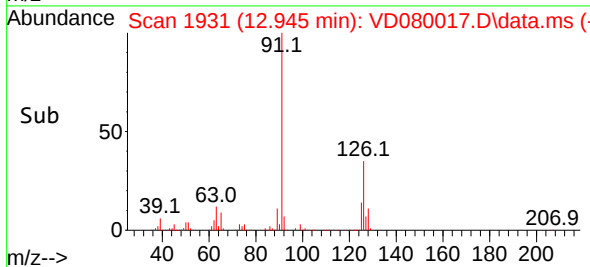
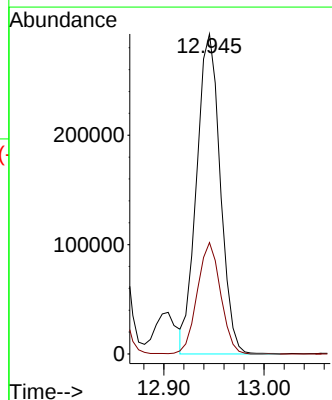
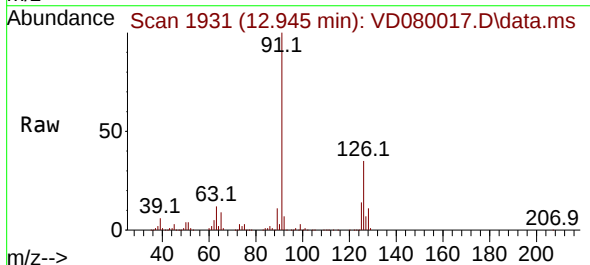
Instrument :
MSVOA_D
ClientSampleId :

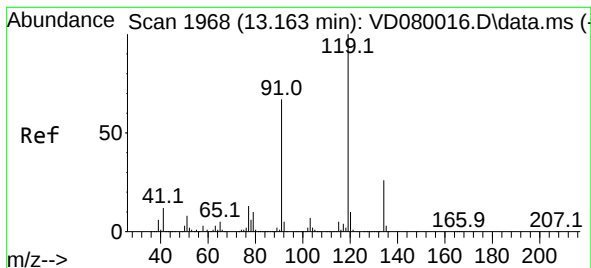
Tgt Ion: 75 Resp: 40839
Ion Ratio Lower Upper
75 100
53 85.1 66.7 100.1
89 46.0 37.7 56.5



#82
4-Chlorotoluene
Concen: 50.883 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion: 91 Resp: 479247
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3





#83

tert-Butylbenzene

Concen: 51.215 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

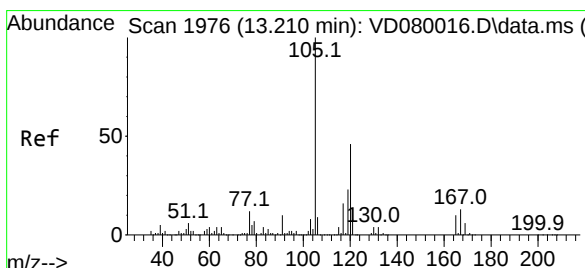
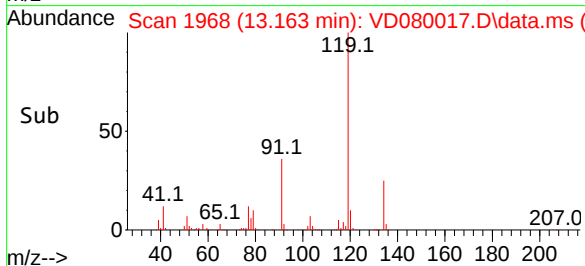
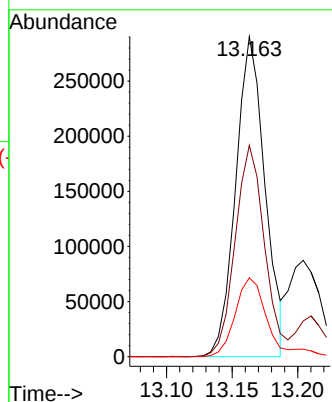
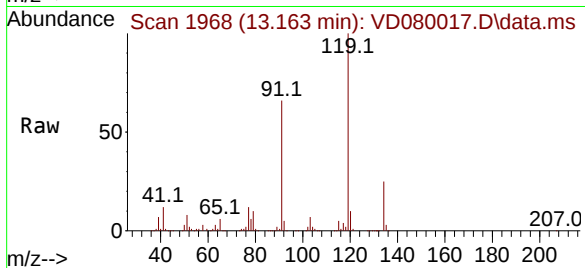
Tgt Ion:119 Resp: 450778

Ion Ratio Lower Upper

119 100

91 66.5 31.4 94.3

134 27.3 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 52.332 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080017.D

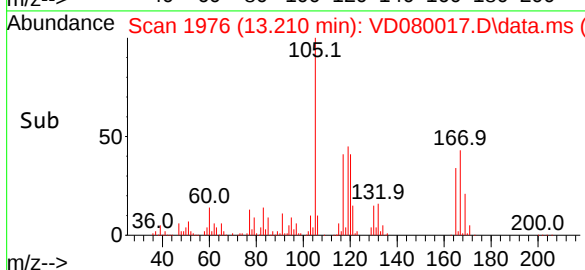
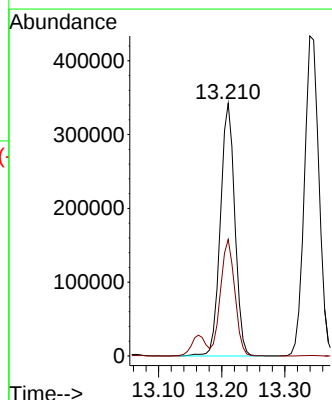
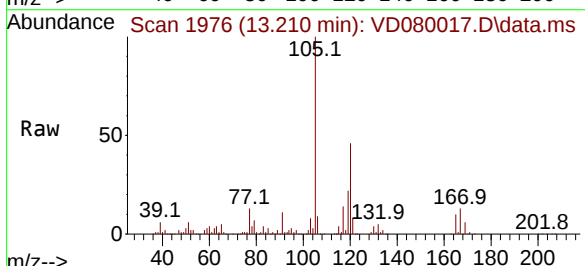
Acq: 14 Nov 2024 20:43

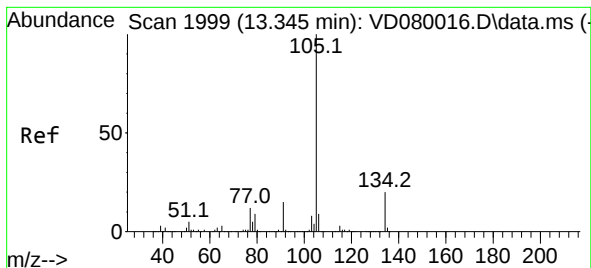
Tgt Ion:105 Resp: 542659

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 52.664 ug/l

RT: 13.340 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

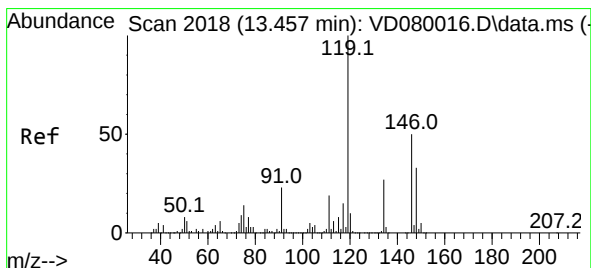
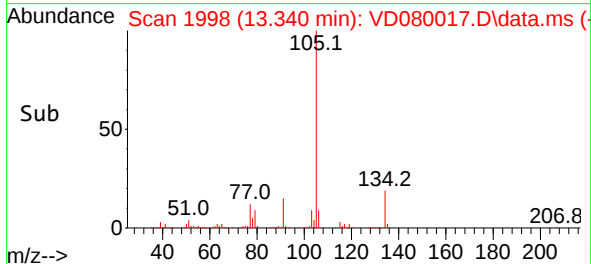
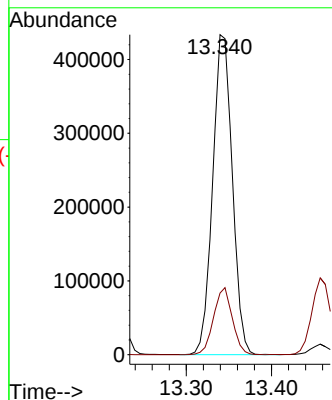
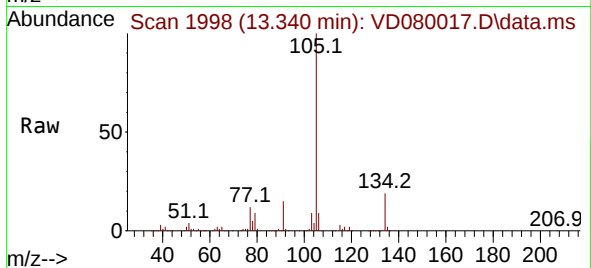
ClientSampleId :

Tgt Ion:105 Resp: 694307

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.3



#86

p-Isopropyltoluene

Concen: 52.623 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

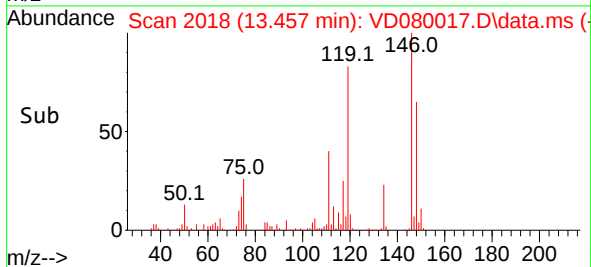
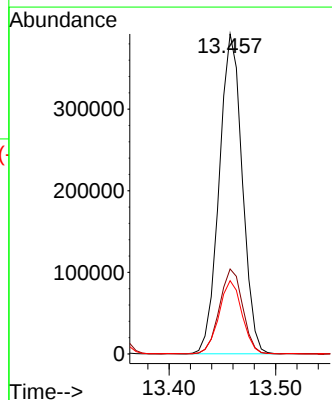
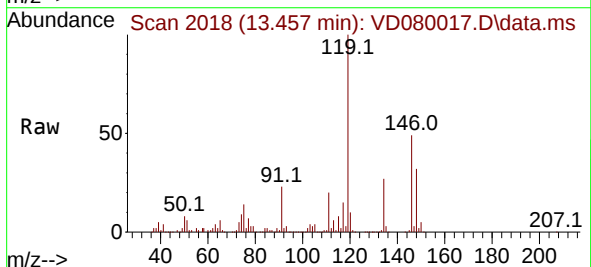
Tgt Ion:119 Resp: 588614

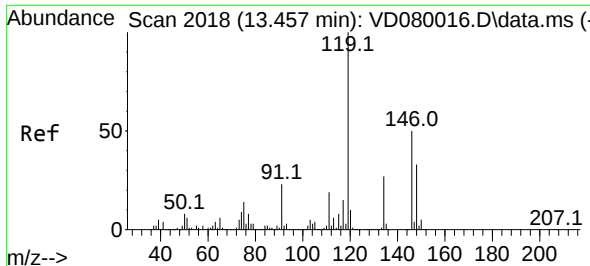
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 22.9 11.5 34.5

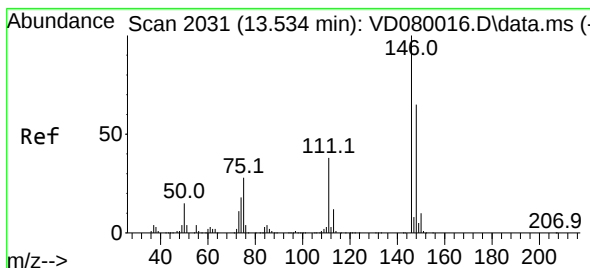
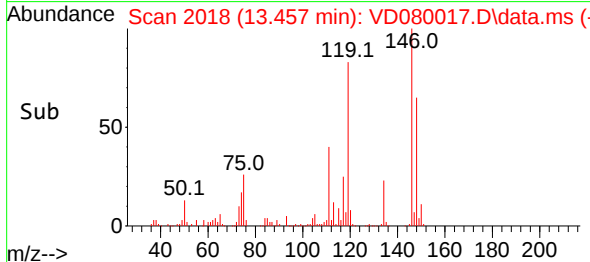
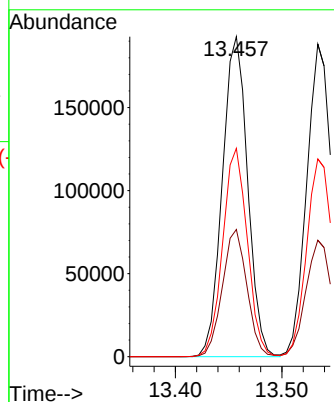
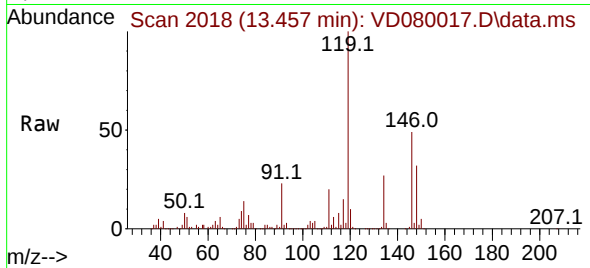




#87
1,3-Dichlorobenzene
Concen: 48.319 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

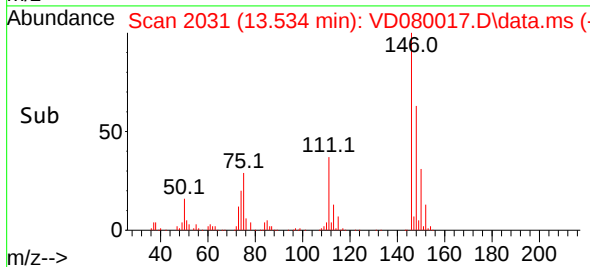
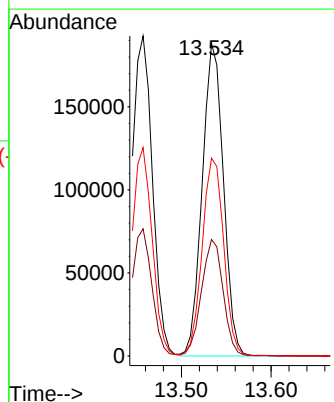
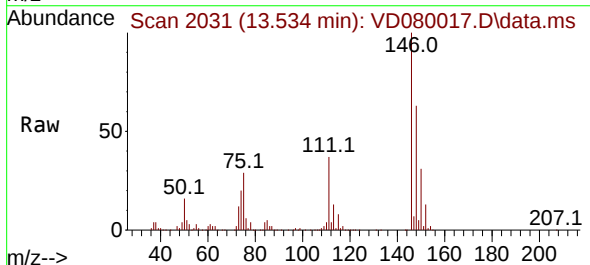
Instrument :
MSVOA_D
ClientSampleId :

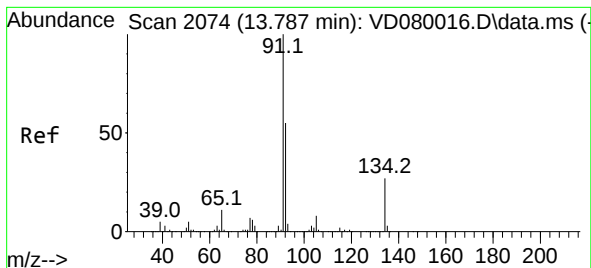
Tgt Ion:146 Resp: 317472
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 63.5 31.6 94.7



#88
1,4-Dichlorobenzene
Concen: 46.736 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion:146 Resp: 309159
Ion Ratio Lower Upper
146 100
111 38.1 19.0 57.0
148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 52.805 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

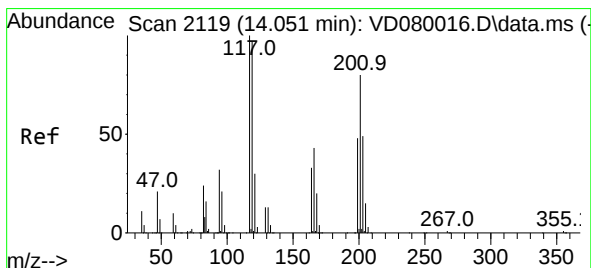
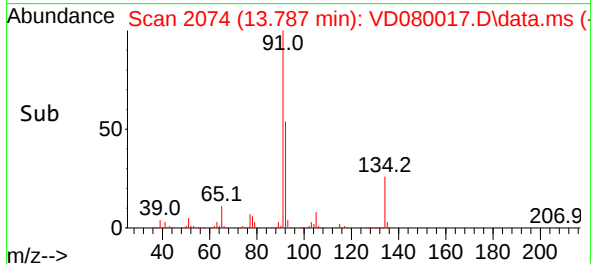
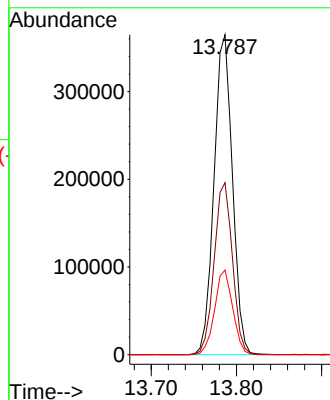
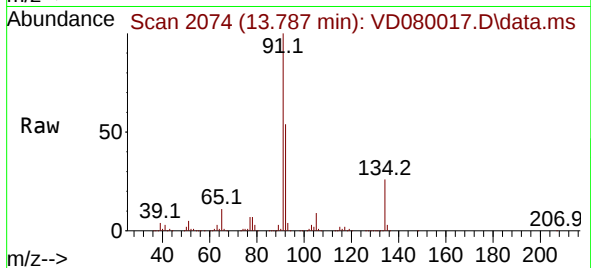
Tgt Ion: 91 Resp: 549076

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.6

134 26.0 13.6 40.7



#90

Hexachloroethane

Concen: 47.558 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD080017.D

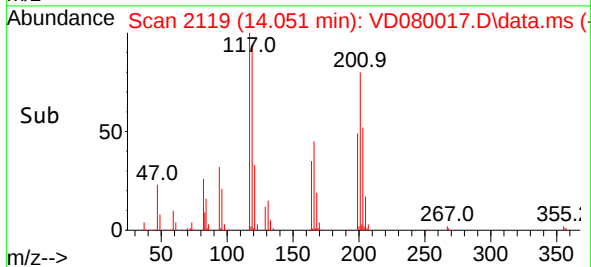
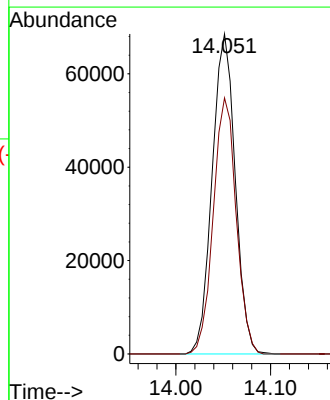
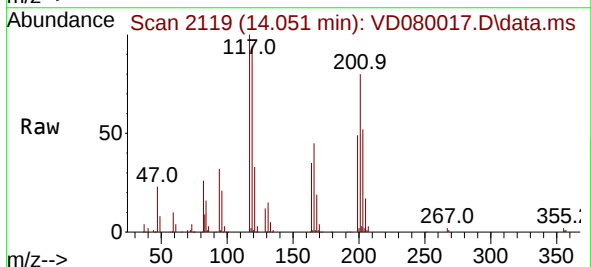
Acq: 14 Nov 2024 20:43

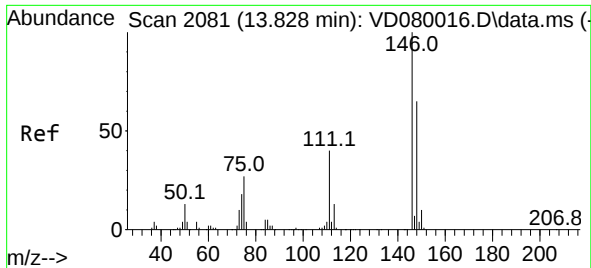
Tgt Ion: 117 Resp: 115994

Ion Ratio Lower Upper

117 100

201 79.5 40.5 121.5

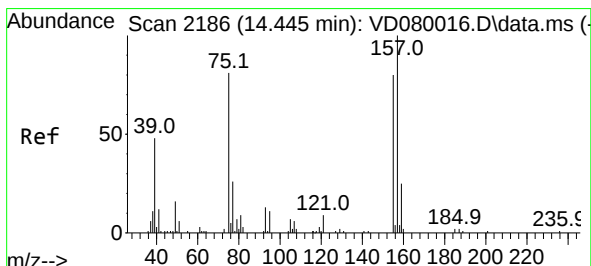
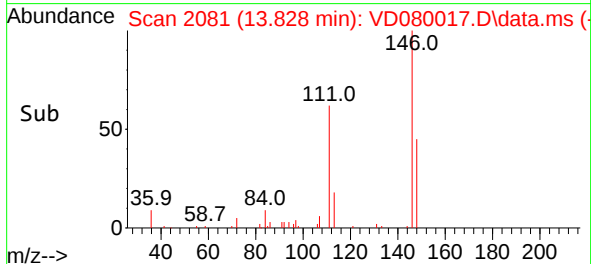
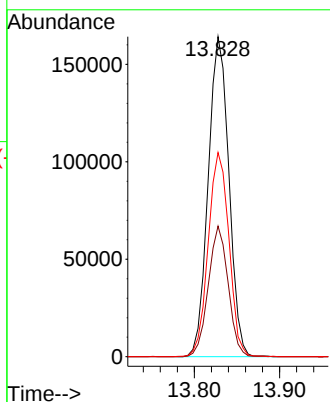
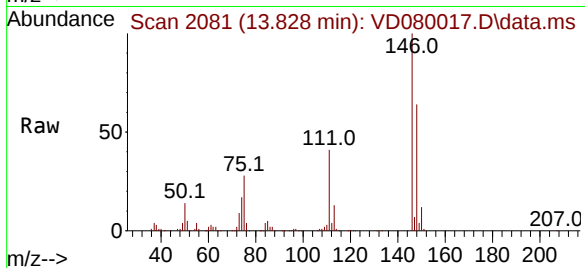




#91
1,2-Dichlorobenzene
Concen: 48.201 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

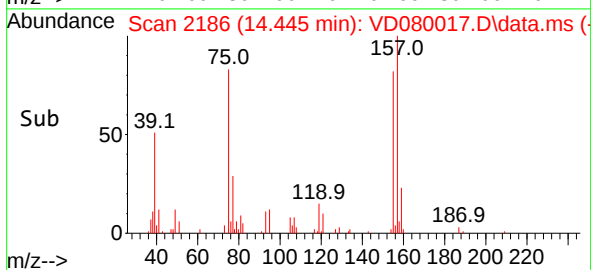
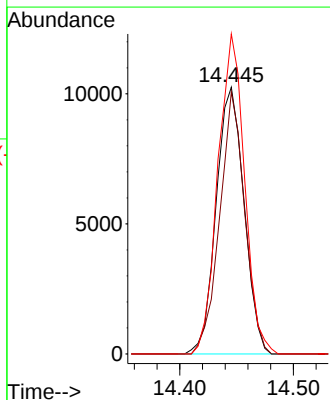
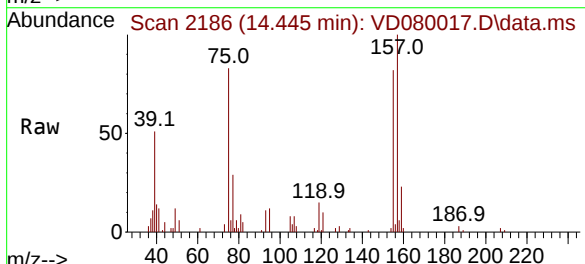
Instrument :
MSVOA_D
ClientSampleId :

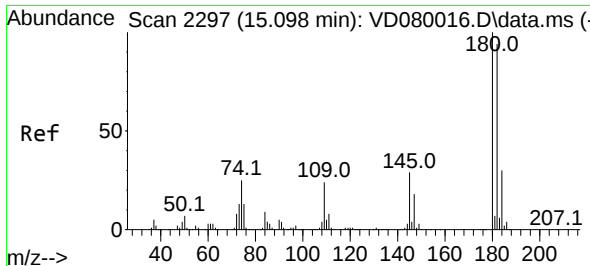
Tgt Ion:146 Resp: 276853
Ion Ratio Lower Upper
146 100
111 39.1 20.0 59.9
148 63.9 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.064 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

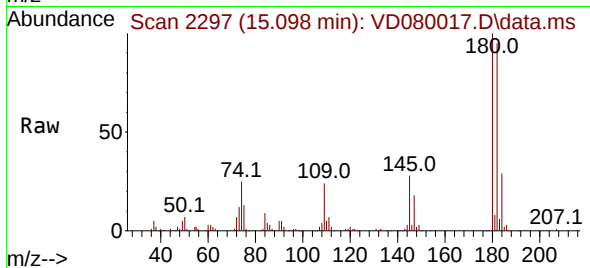
Tgt Ion: 75 Resp: 17466
Ion Ratio Lower Upper
75 100
155 88.2 45.6 136.8
157 114.5 59.4 178.1



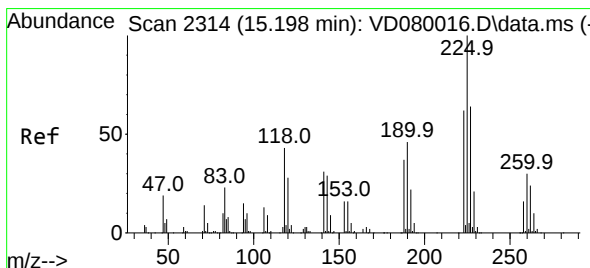
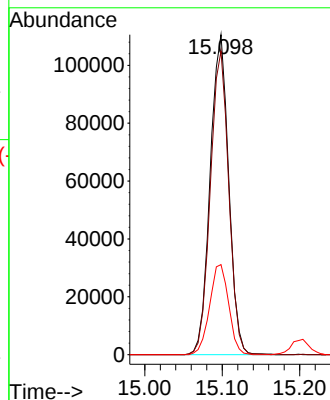
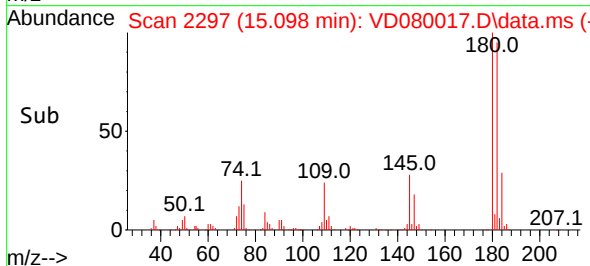


#93
1,2,4-Trichlorobenzene
Concen: 52.006 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Instrument :
MSVOA_D
ClientSampleId :

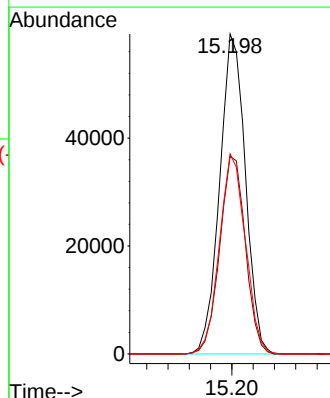
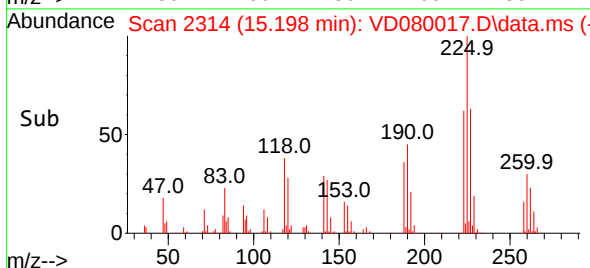
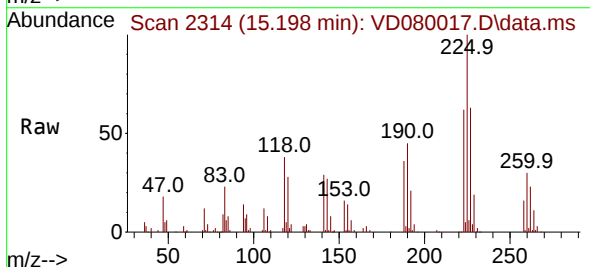


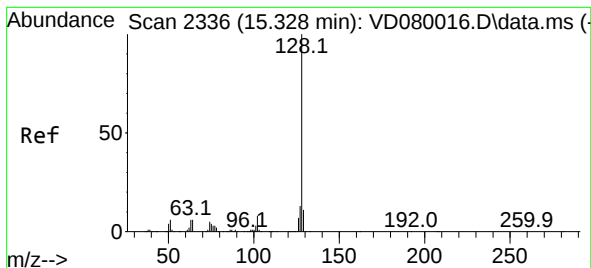
Tgt Ion:180 Resp: 183105
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 29.0 14.4 43.4



#94
Hexachlorobutadiene
Concen: 51.326 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD080017.D
Acq: 14 Nov 2024 20:43

Tgt Ion:225 Resp: 99172
Ion Ratio Lower Upper
225 100
223 61.7 32.0 96.2
227 63.4 32.2 96.6





#95

Naphthalene

Concen: 54.965 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

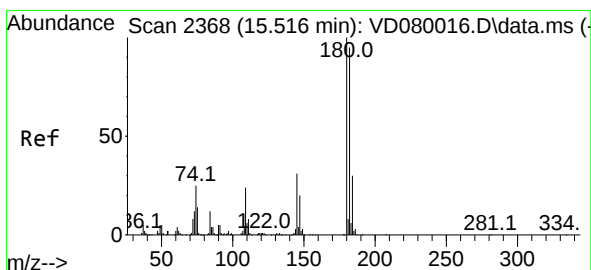
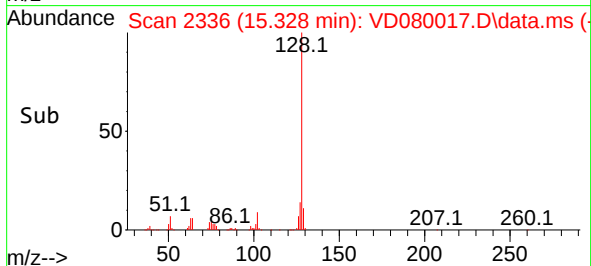
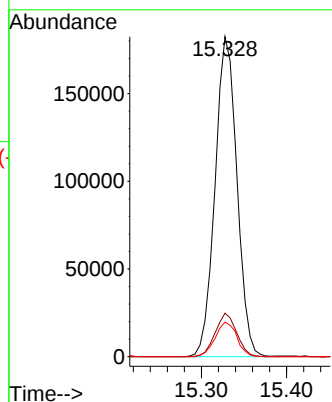
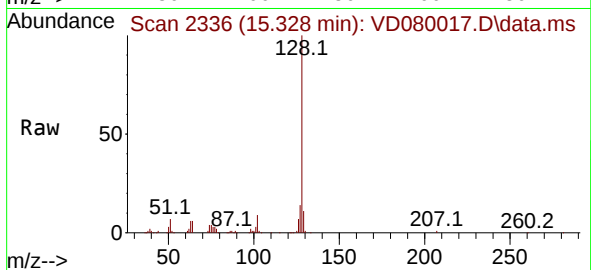
Tgt Ion:128 Resp: 325827

Ion Ratio Lower Upper

128 100

127 13.6 11.8 17.6

129 10.8 9.4 14.2



#96

1,2,3-Trichlorobenzene

Concen: 53.074 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD080017.D

Acq: 14 Nov 2024 20:43

Tgt Ion:180 Resp: 162524

Ion Ratio Lower Upper

180 100

182 93.8 47.3 142.0

145 31.6 15.4 46.2

