

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080016.D
 Acq On : 14 Nov 2024 20:16
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 05:57:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 05:52:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	226312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	341604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	319279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	345148	148.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	297.560%#
35) Dibromofluoromethane	7.805	113	361322	158.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	316.440%#
50) Toluene-d8	10.269	98	1429048	165.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	330.800%#
62) 4-Bromofluorobenzene	12.575	95	472915	163.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	326.360%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.934	85	273099	145.158	ug/l 99
3) Chloromethane	2.146	50	185111	133.943	ug/l 98
4) Vinyl Chloride	2.287	62	213698	131.919	ug/l 98
5) Bromomethane	2.675	94	223047	113.653	ug/l 99
6) Chloroethane	2.834	64	140279	127.637	ug/l 94
7) Trichlorofluoromethane	3.175	101	530381	136.763	ug/l 91
8) Diethyl Ether	3.593	74	166050	154.921	ug/l 92
9) 1,1,2-Trichlorotrifluo...	3.969	101	344387	140.699	ug/l 93
10) Methyl Iodide	4.164	142	534381	151.365	ug/l 97
11) Tert butyl alcohol	5.063	59	83643	700.284	ug/l # 86
12) 1,1-Dichloroethene	3.940	96	356804	151.915	ug/l 88
13) Acrolein	3.799	56	165166	755.613	ug/l 99
14) Allyl chloride	4.564	41	551174	173.090	ug/l 100
15) Acrylonitrile	5.258	53	375246	818.547	ug/l 100
16) Acetone	4.022	43	389707	736.544	ug/l 95
17) Carbon Disulfide	4.275	76	1111288	143.609	ug/l 100
18) Methyl Acetate	4.564	43	171485	158.502	ug/l 99
19) Methyl tert-butyl Ether	5.316	73	799746	169.877	ug/l 98
20) Methylene Chloride	4.805	84	410444	142.033	ug/l 97
21) trans-1,2-Dichloroethene	5.316	96	413373	157.090	ug/l 98
22) Diisopropyl ether	6.216	45	1094236	163.375	ug/l 99
23) Vinyl Acetate	6.158	43	3161389	839.554	ug/l 99
24) 1,1-Dichloroethane	6.116	63	686131	152.487	ug/l 97
25) 2-Butanone	7.081	43	547803	787.571	ug/l 97
26) 2,2-Dichloropropane	7.081	77	590404	146.706	ug/l 98
27) cis-1,2-Dichloroethene	7.081	96	481387	159.251	ug/l 99
28) Bromochloromethane	7.428	49	268169	132.883	ug/l 98
29) Tetrahydrofuran	7.446	42	280733	772.865	ug/l 98
30) Chloroform	7.599	83	720418	144.284	ug/l 98
31) Cyclohexane	7.881	56	575006	151.009	ug/l 99
32) 1,1,1-Trichloroethane	7.793	97	614937	147.545	ug/l 99
36) 1,1-Dichloropropene	8.010	75	513871	154.193	ug/l 100
37) Ethyl Acetate	7.175	43	201245	145.400	ug/l 97
38) Carbon Tetrachloride	7.993	117	542420	148.213	ug/l 94
39) Methylcyclohexane	9.275	83	657730	169.216	ug/l 99
40) Benzene	8.252	78	1619312	157.286	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	112669	146.621	ug/l	98
42) 1,2-Dichloroethane	8.328	62	397083	147.226	ug/l	99
43) Isopropyl Acetate	8.363	43	388928	154.638	ug/l	99
44) Trichloroethene	9.028	130	409177	154.111	ug/l	96
45) 1,2-Dichloropropane	9.304	63	379540	154.915	ug/l	98
46) Dibromomethane	9.393	93	215256	149.493	ug/l	99
47) Bromodichloromethane	9.587	83	549939	152.360	ug/l	99
48) Methyl methacrylate	9.381	41	193027	171.718	ug/l	98
49) 1,4-Dioxane	9.387	88	42945	3130.342	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	995981	785.808	ug/l	98
52) Toluene	10.334	92	1047478	163.389	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	513701	164.149	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	608395	162.230	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	282953	147.173	ug/l	97
56) Ethyl methacrylate	10.598	69	371648	170.025	ug/l	98
57) 1,3-Dichloropropane	10.881	76	482430	155.216	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	685621	878.344	ug/l	99
59) 2-Hexanone	10.922	43	778628	800.515	ug/l	98
60) Dibromochloromethane	11.075	129	383395	150.574	ug/l	98
61) 1,2-Dibromoethane	11.181	107	274148	151.906	ug/l	99
64) Tetrachloroethene	10.810	164	362996	150.628	ug/l	95
65) Chlorobenzene	11.604	112	1132662	154.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	400399	153.967	ug/l	99
67) Ethyl Benzene	11.681	91	2040746	168.552	ug/l	98
68) m/p-Xylenes	11.793	106	1574982	329.885	ug/l	99
69) o-Xylene	12.122	106	746360	172.143	ug/l	100
70) Styrene	12.134	104	1305941	169.422	ug/l	98
71) Bromoform	12.298	173	218732	148.964	ug/l #	99
73) Isopropylbenzene	12.416	105	1882432	175.935	ug/l	99
74) N-amyl acetate	12.234	43	379420	166.138	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	308208	148.981	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	403257	290.367	ug/l #	100
77) Bromobenzene	12.698	156	465296	165.156	ug/l	99
78) n-propylbenzene	12.763	91	2258034	170.541	ug/l	99
79) 2-Chlorotoluene	12.845	91	1323867	168.224	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	1589836	175.671	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	114374	159.273	ug/l	98
82) 4-Chlorotoluene	12.945	91	1375857	164.640	ug/l	99
83) tert-Butylbenzene	13.163	119	1355624	173.592	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	1629451	177.107	ug/l	100
85) sec-Butylbenzene	13.345	105	2021516	172.819	ug/l	100
86) p-Isopropyltoluene	13.457	119	1745948	175.926	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	933982	160.215	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	900608	153.445	ug/l	99
89) n-Butylbenzene	13.787	91	1602847	173.733	ug/l	99
90) Hexachloroethane	14.051	117	340255	157.232	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	792989	155.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	46800	148.171	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	528877	169.303	ug/l	99
94) Hexachlorobutadiene	15.198	225	276433	161.248	ug/l	99
95) Naphthalene	15.328	128	943663	179.418	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	463992	170.776	ug/l	100

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

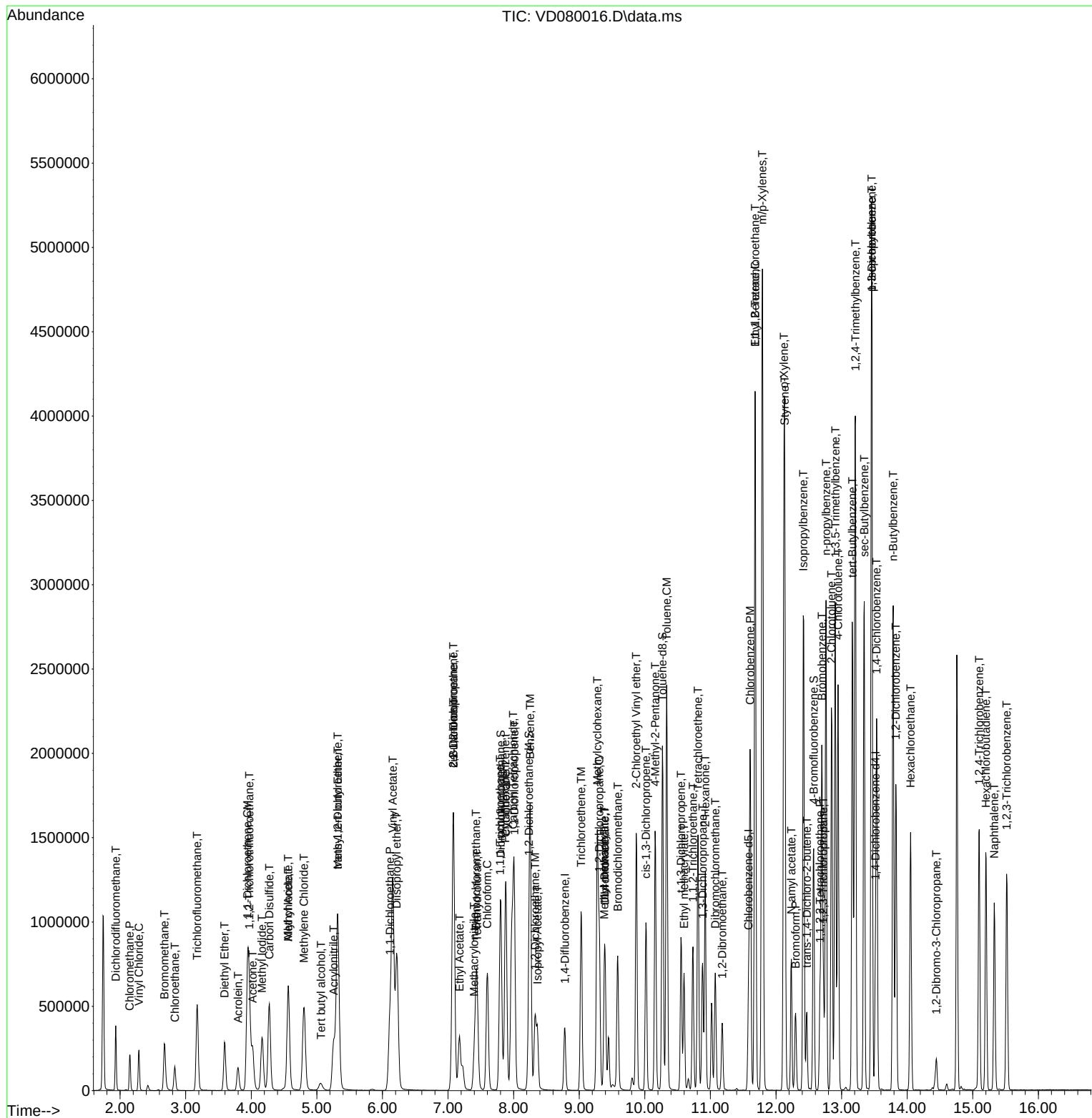
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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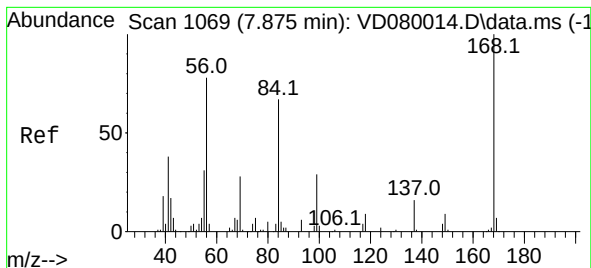
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

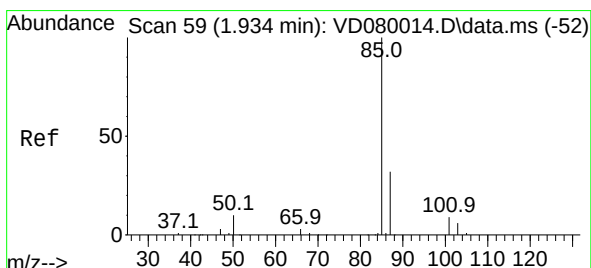
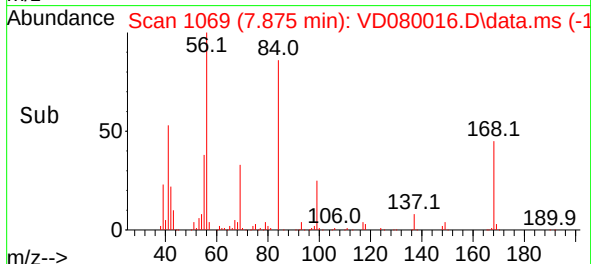
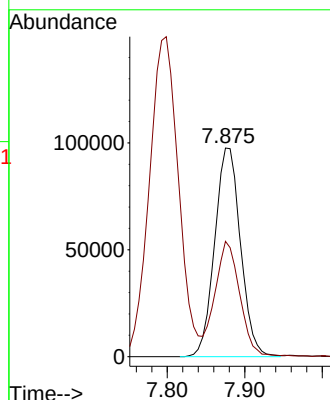
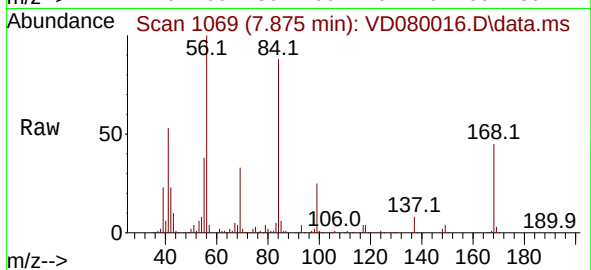
ClientSampleId :

Tgt Ion:168 Resp: 226312

Ion Ratio Lower Upper

168 100

99 54.8 43.0 64.6



#2

Dichlorodifluoromethane

Concen: 145.158 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD080016.D

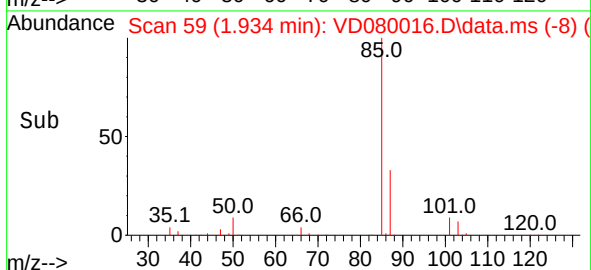
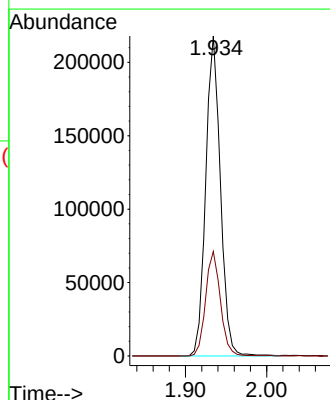
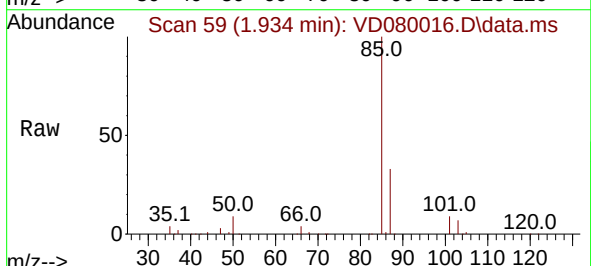
Acq: 14 Nov 2024 20:16

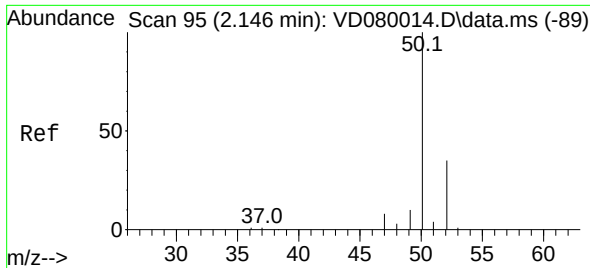
Tgt Ion: 85 Resp: 273099

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2

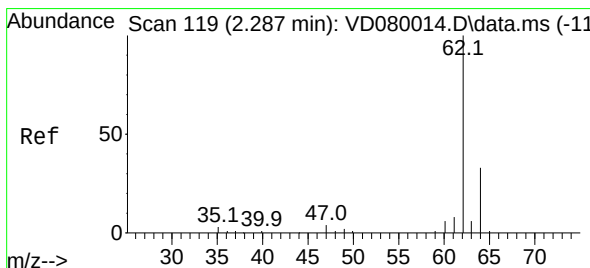
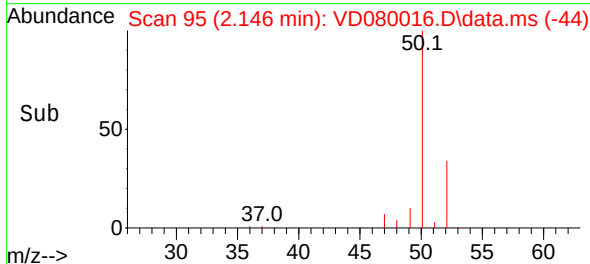
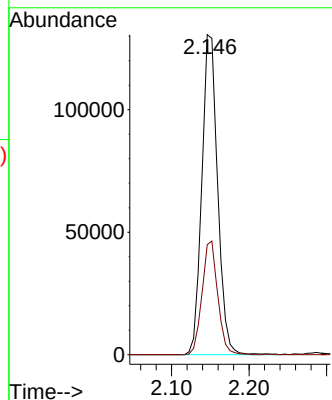
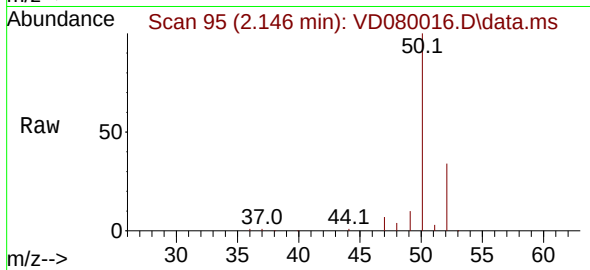




#3
Chloromethane
Concen: 133.943 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

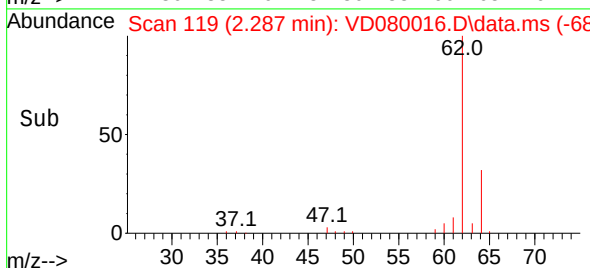
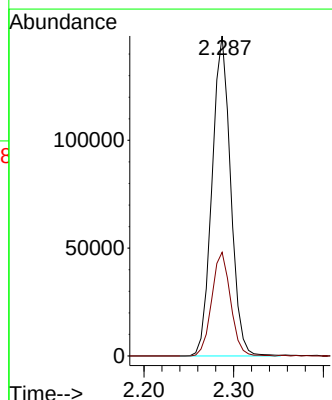
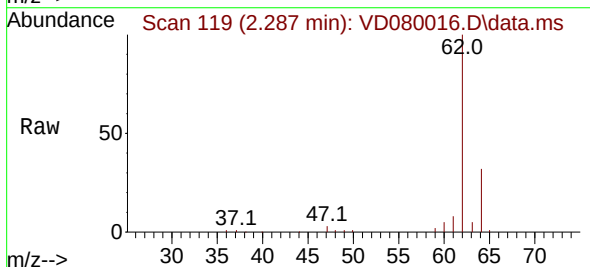
Instrument :
MSVOA_D
ClientSampleId :

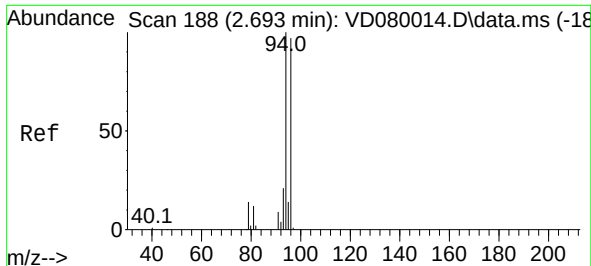
Tgt Ion: 50 Resp: 185111
Ion Ratio Lower Upper
50 100
52 34.4 28.2 42.4



#4
Vinyl Chloride
Concen: 131.919 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 62 Resp: 213698
Ion Ratio Lower Upper
62 100
64 32.4 26.7 40.1

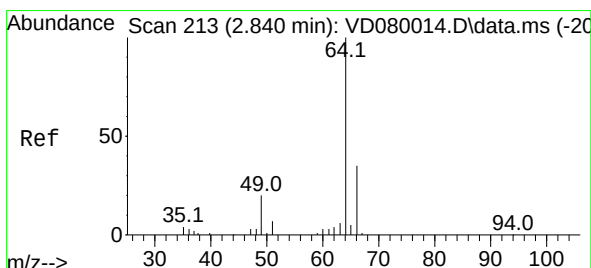
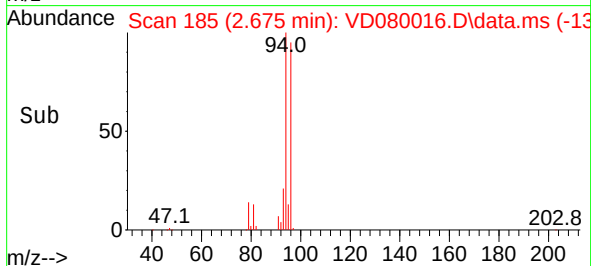
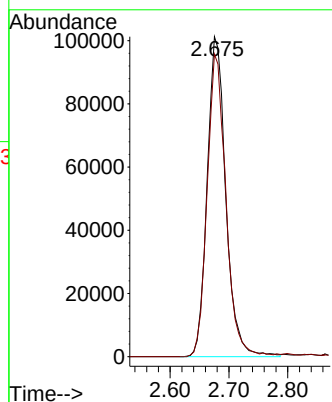
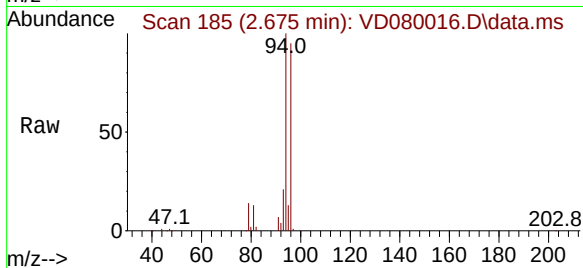




#5
Bromomethane
Concen: 113.653 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.018 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

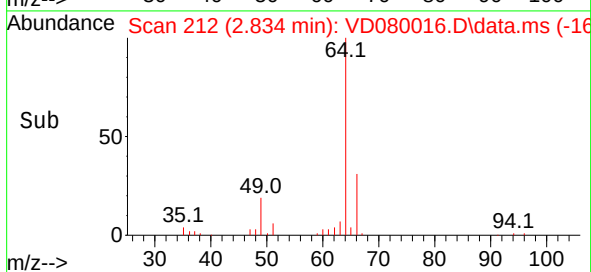
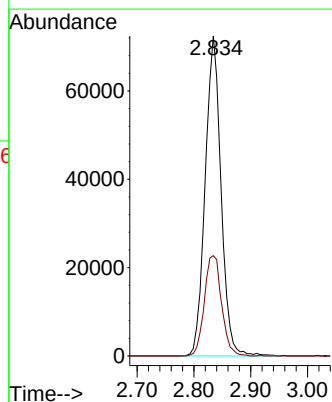
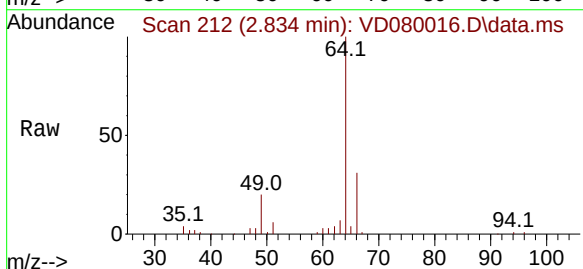
Instrument :
MSVOA_D
ClientSampleId :

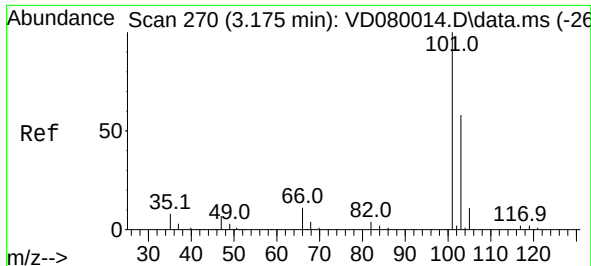
Tgt Ion: 94 Resp: 223047
Ion Ratio Lower Upper
94 100
96 95.3 77.0 115.6



#6
Chloroethane
Concen: 127.637 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 64 Resp: 140279
Ion Ratio Lower Upper
64 100
66 31.4 27.8 41.6

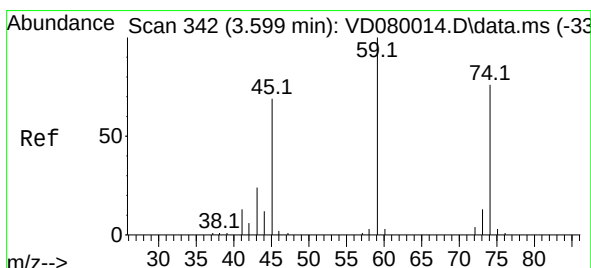
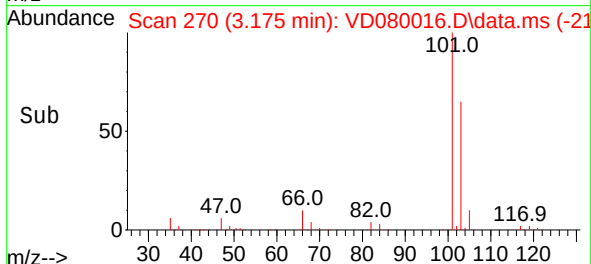
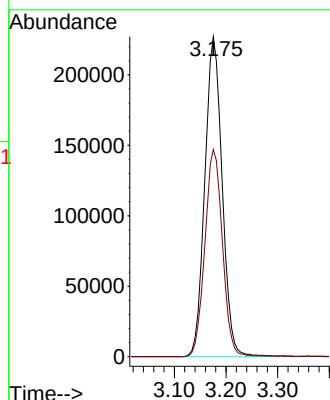
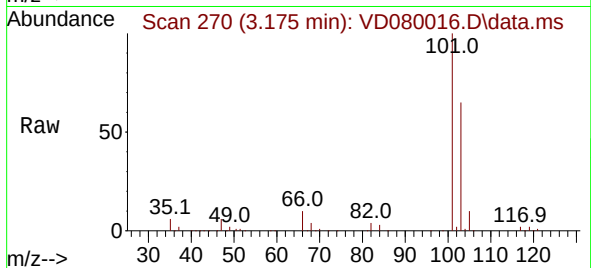




#7
Trichlorofluoromethane
Concen: 136.763 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

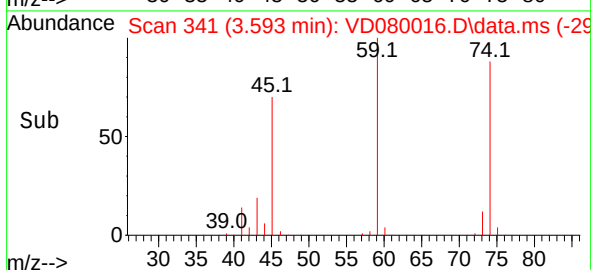
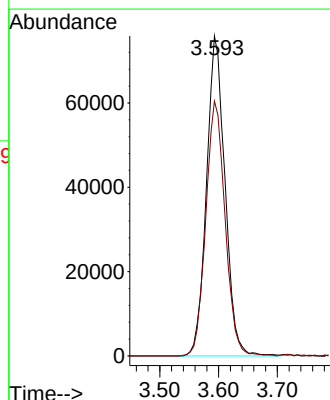
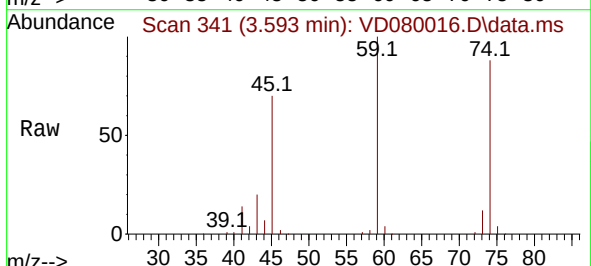
Instrument :
MSVOA_D
ClientSampleId :

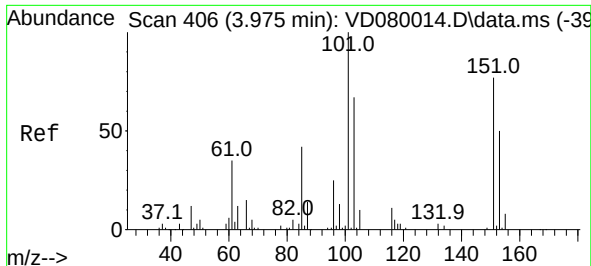
Tgt Ion:101 Resp: 530381
Ion Ratio Lower Upper
101 100
103 64.8 46.5 69.7



#8
Diethyl Ether
Concen: 154.921 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 74 Resp: 166050
Ion Ratio Lower Upper
74 100
45 83.4 45.7 137.1

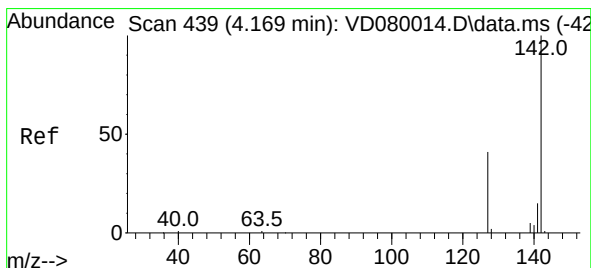
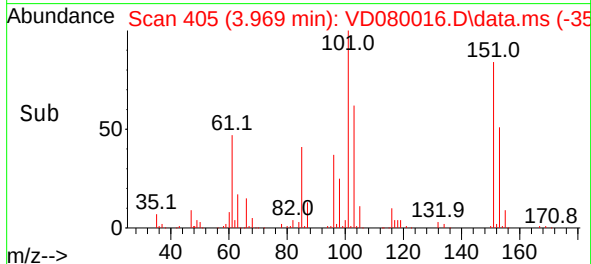
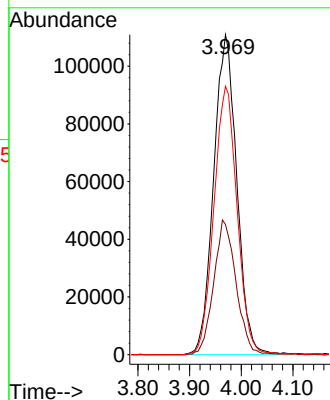
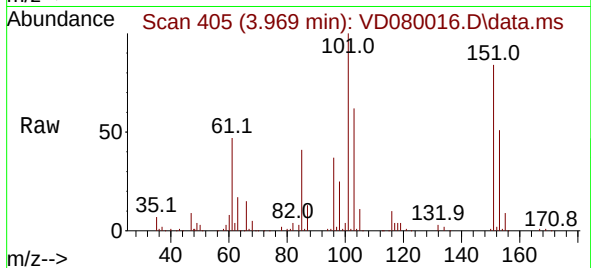




#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.699 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

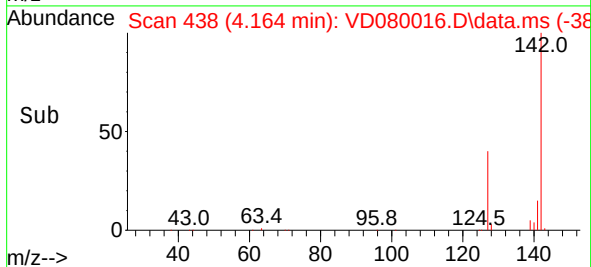
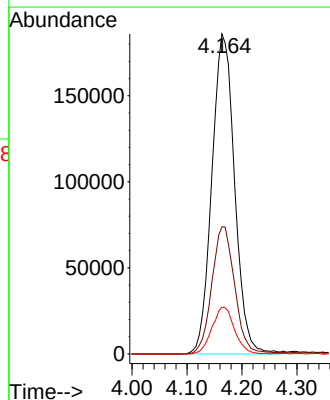
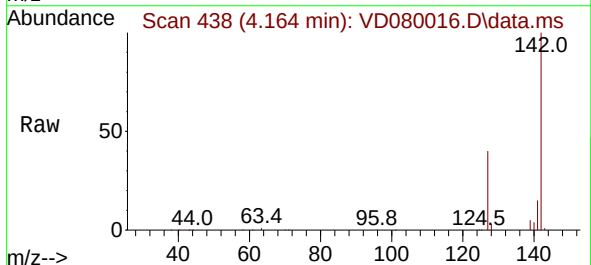
Instrument :
MSVOA_D
ClientSampleId :

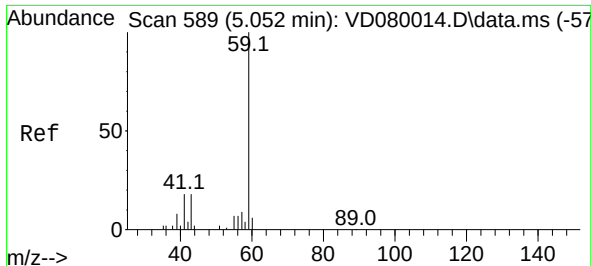
Tgt Ion:101 Resp: 344387
Ion Ratio Lower Upper
101 100
85 40.7 34.5 51.7
151 84.3 61.8 92.6



#10
Methyl Iodide
Concen: 151.365 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion:142 Resp: 534381
Ion Ratio Lower Upper
142 100
127 40.1 33.7 50.5
141 14.5 12.0 18.0





#11

Tert butyl alcohol

Concen: 700.284 ug/l

RT: 5.063 min Scan# 5

Delta R.T. 0.011 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

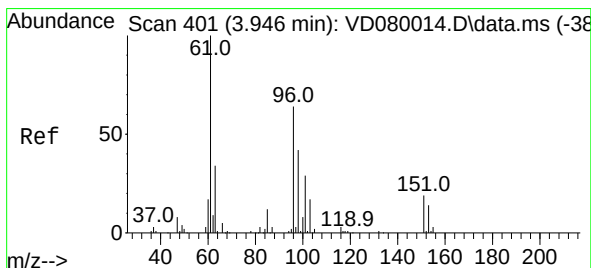
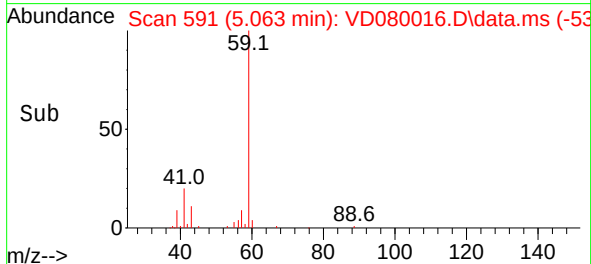
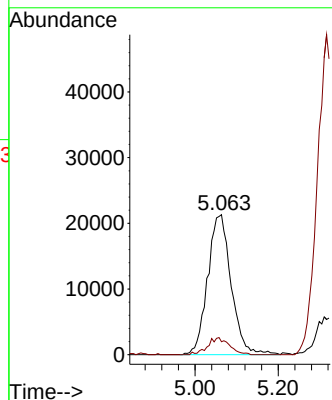
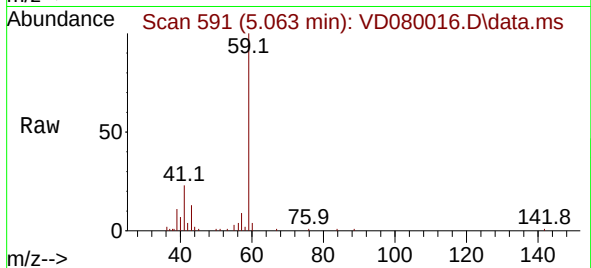
ClientSampleId :

Tgt Ion: 59 Resp: 83643

Ion Ratio Lower Upper

59 100

57 11.2 5.0 7.6#



#12

1,1-Dichloroethene

Concen: 151.915 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

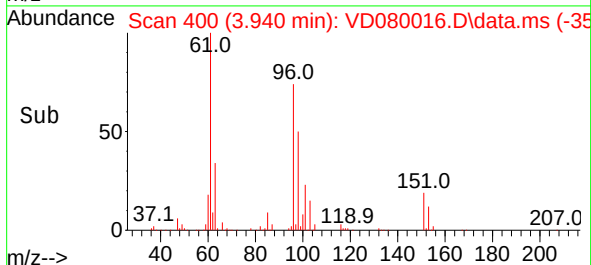
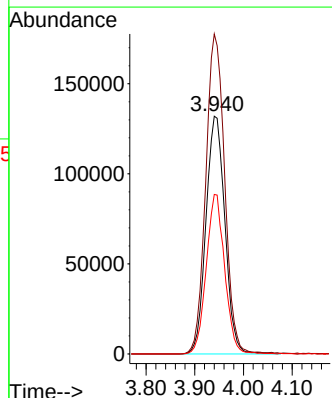
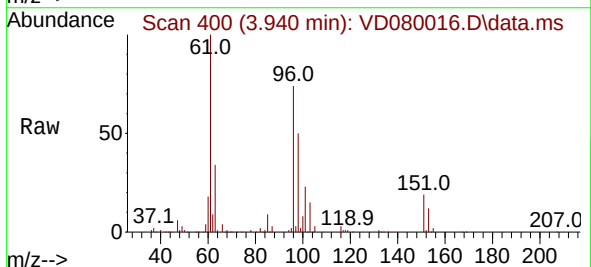
Tgt Ion: 96 Resp: 356804

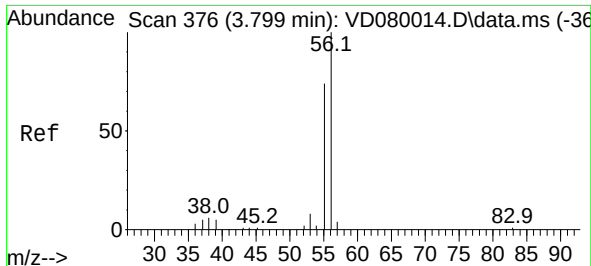
Ion Ratio Lower Upper

96 100

61 134.6 125.5 188.3

98 67.1 53.3 79.9





#13

Acrolein

Concen: 755.613 ug/l

RT: 3.799 min Scan# 376

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

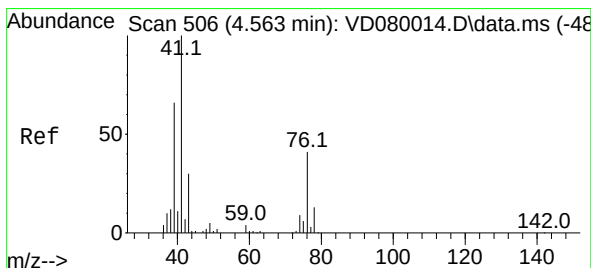
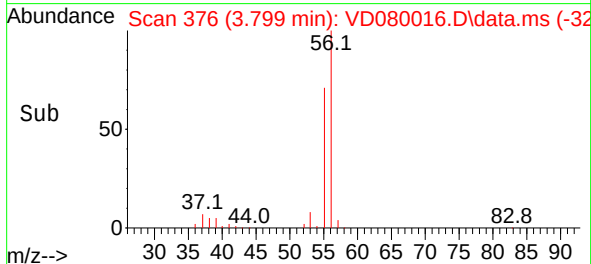
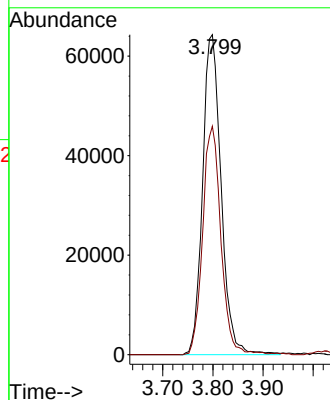
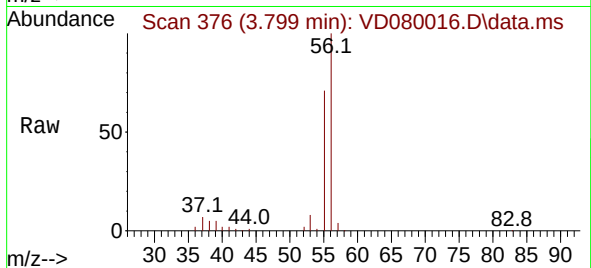
ClientSampleId :

Tgt Ion: 56 Resp: 165166

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.4



#14

Allyl chloride

Concen: 173.090 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

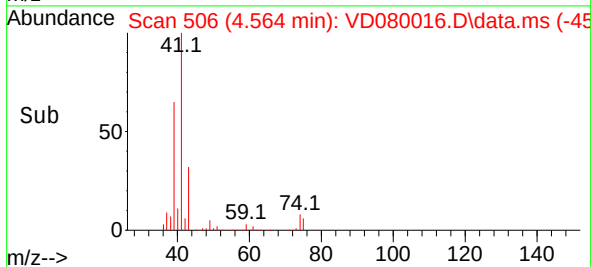
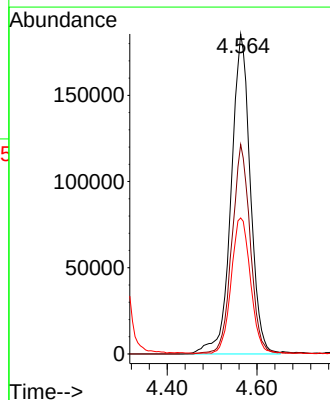
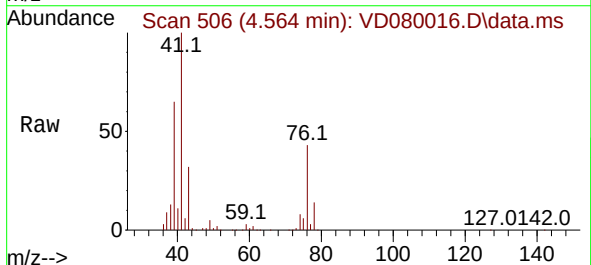
Tgt Ion: 41 Resp: 551174

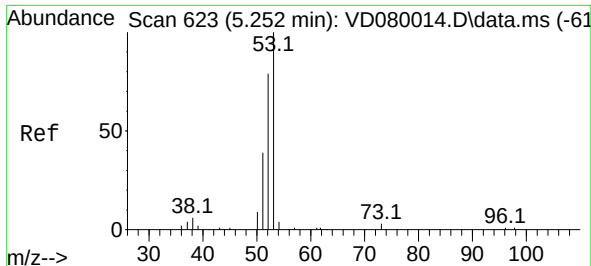
Ion Ratio Lower Upper

41 100

39 62.8 49.8 74.8

76 42.5 34.1 51.1





#15

Acrylonitrile

Concen: 818.547 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

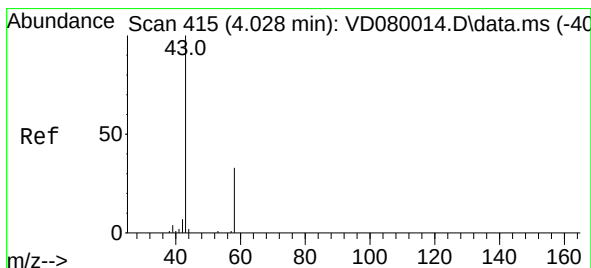
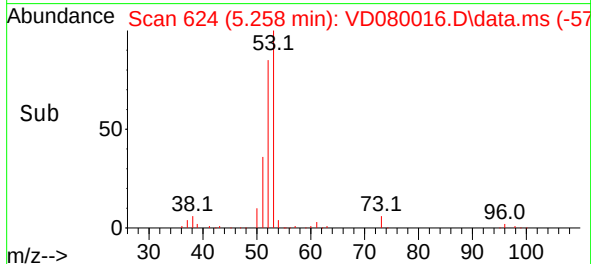
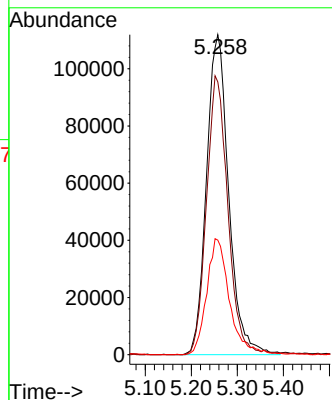
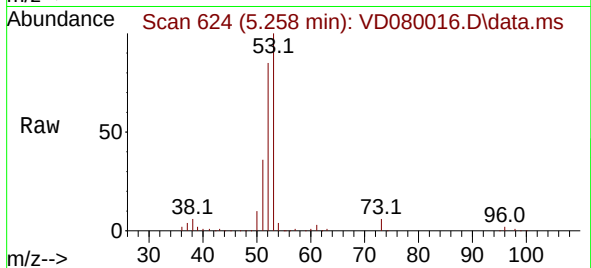
Tgt Ion: 53 Resp: 375246

Ion Ratio Lower Upper

53 100

52 83.5 67.0 100.4

51 37.3 29.7 44.5



#16

Acetone

Concen: 736.544 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.006 min

Lab File: VD080016.D

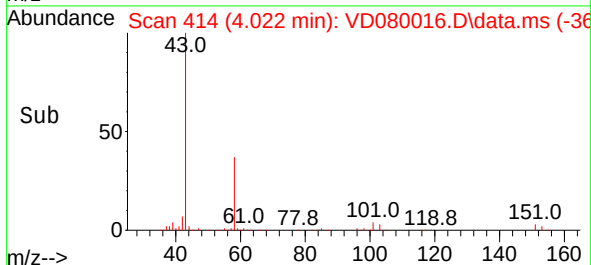
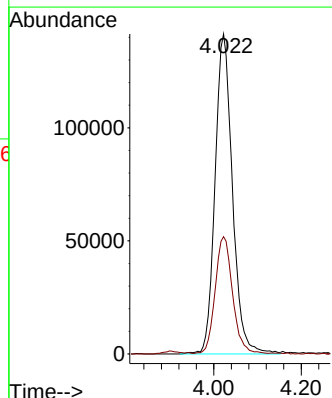
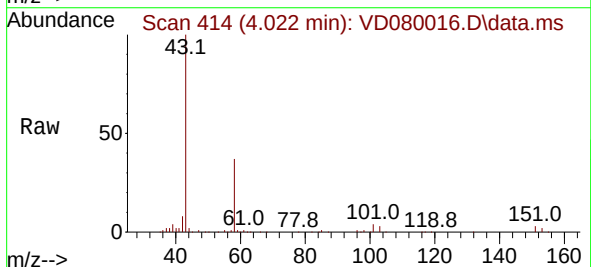
Acq: 14 Nov 2024 20:16

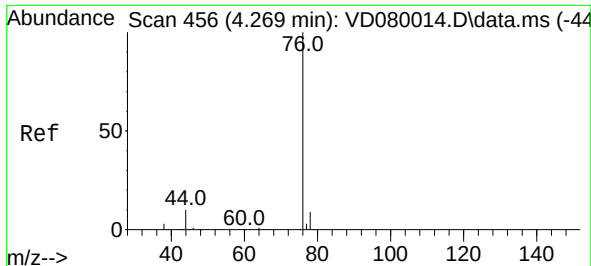
Tgt Ion: 43 Resp: 389707

Ion Ratio Lower Upper

43 100

58 36.4 26.9 40.3

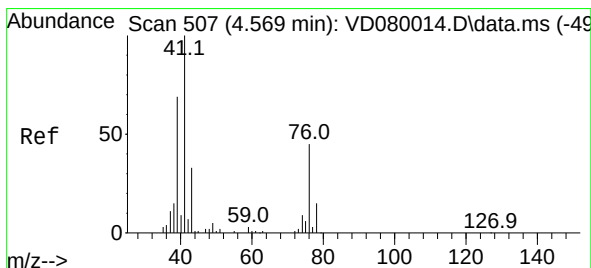
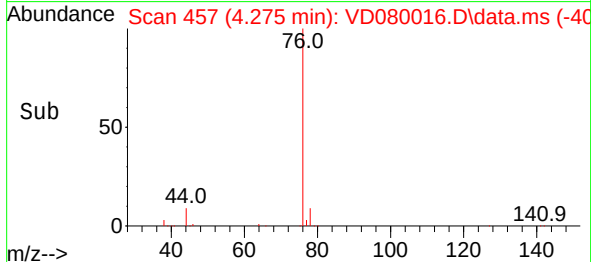
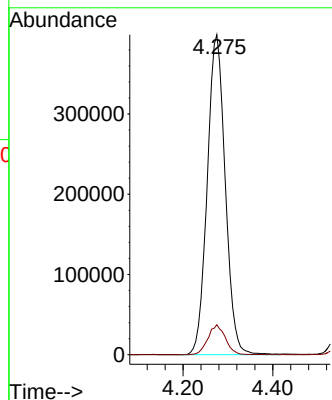
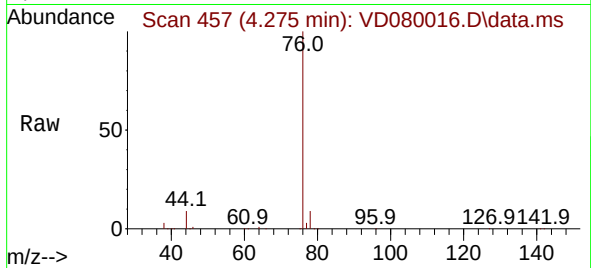




#17
Carbon Disulfide
Concen: 143.609 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

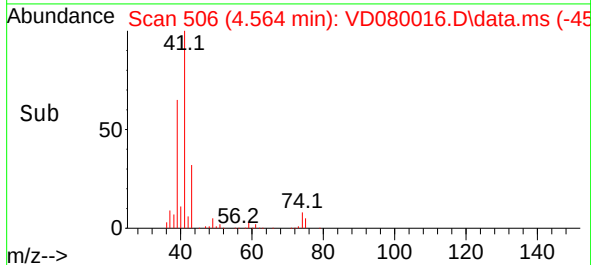
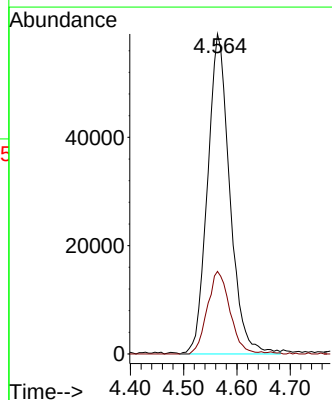
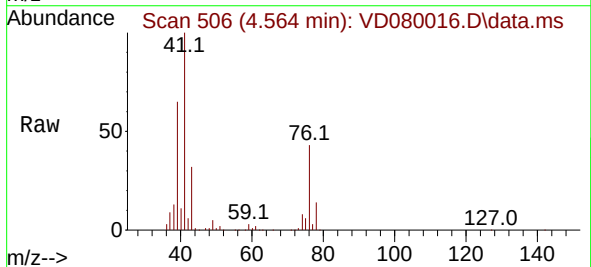
Instrument :
MSVOA_D
ClientSampleId :

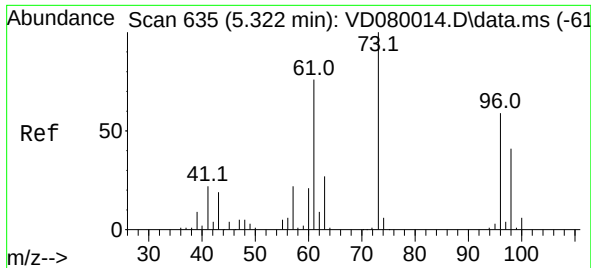
Tgt Ion: 76 Resp: 1111288
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 158.502 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 43 Resp: 171485
Ion Ratio Lower Upper
43 100
74 26.3 20.8 31.2

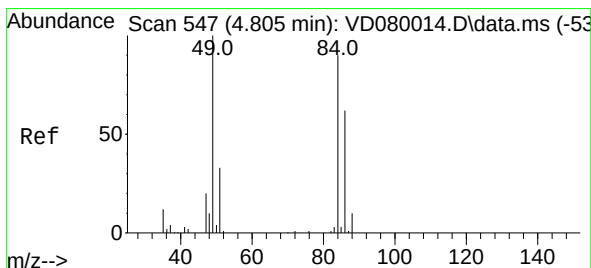
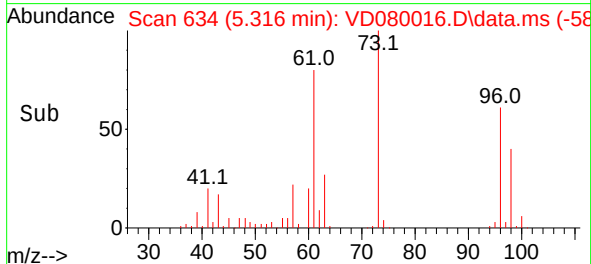
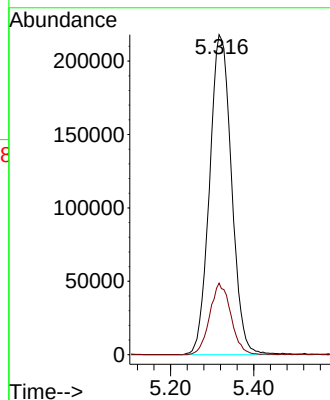
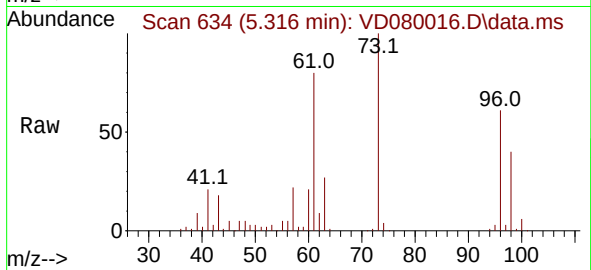




#19
Methyl tert-butyl Ether
Concen: 169.877 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

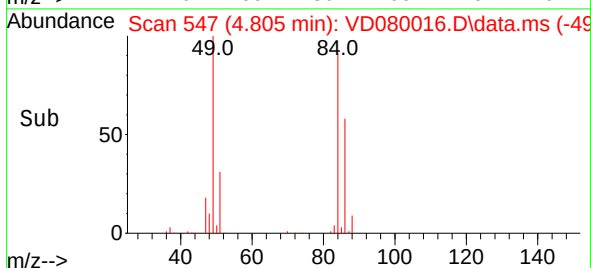
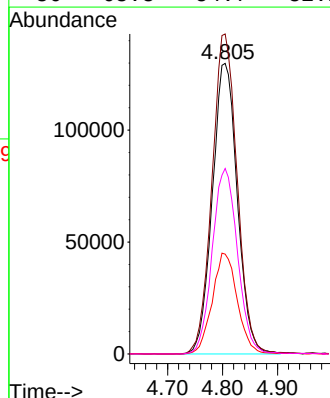
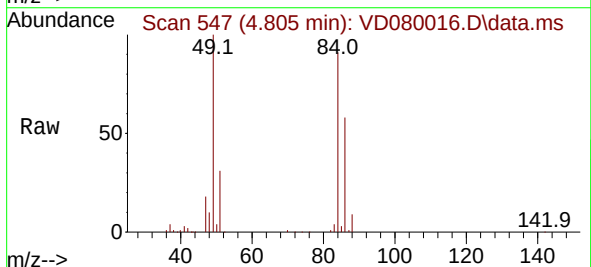
Instrument :
MSVOA_D
ClientSampleId :

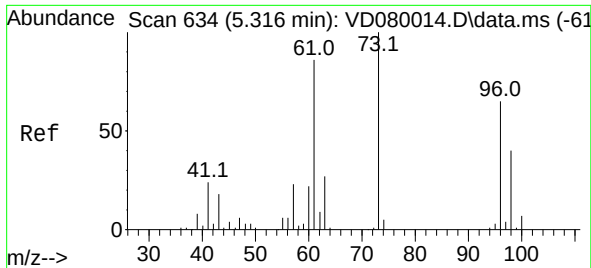
Tgt Ion: 73 Resp: 799746
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 142.033 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

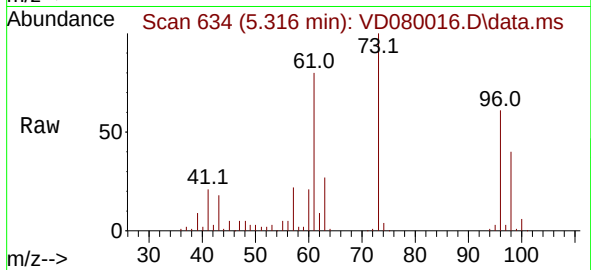
Tgt Ion: 84 Resp: 410444
Ion Ratio Lower Upper
84 100
49 110.2 88.7 133.1
51 34.4 29.3 43.9
86 63.8 54.7 82.1



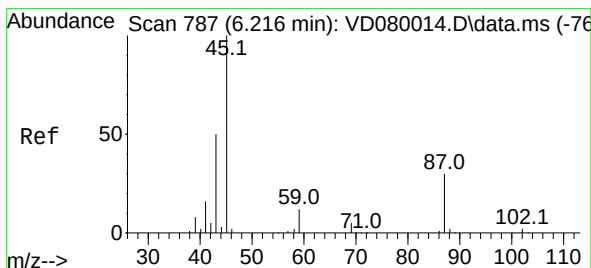
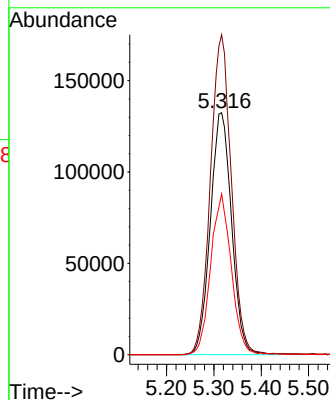
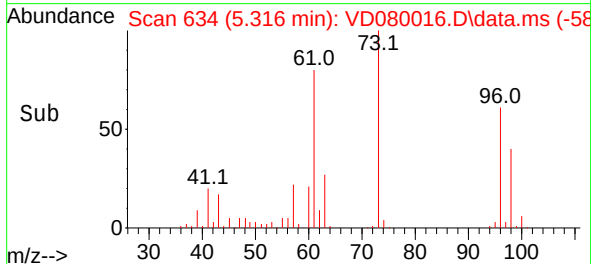


#21
trans-1,2-Dichloroethene
Concen: 157.090 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

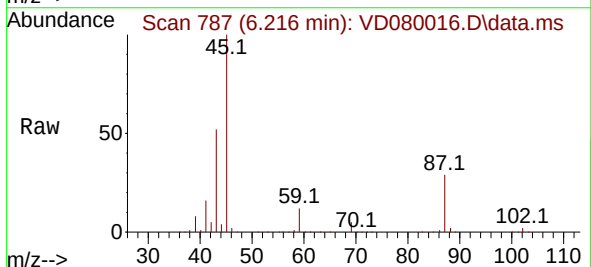
Instrument :
MSVOA_D
ClientSampleId :



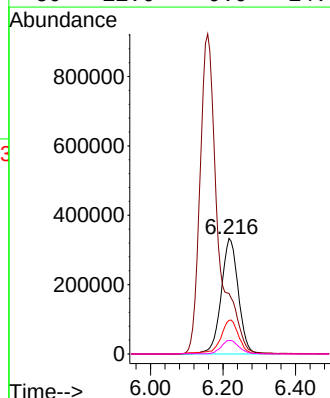
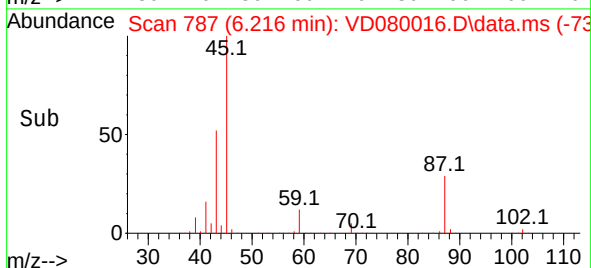
Tgt Ion: 96 Resp: 413373
Ion Ratio Lower Upper
96 100
61 132.3 106.2 159.4
98 66.5 49.1 73.7

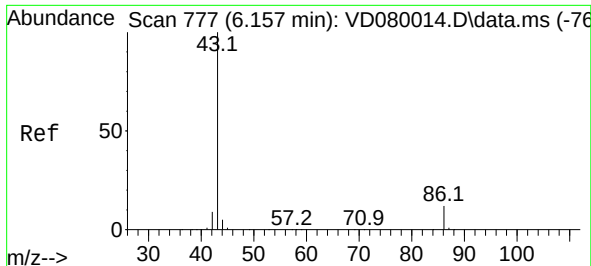


#22
Diisopropyl ether
Concen: 163.375 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16



Tgt Ion: 45 Resp: 1094236
Ion Ratio Lower Upper
45 100
43 52.4 41.7 62.5
87 29.0 24.3 36.5
59 11.6 9.9 14.9

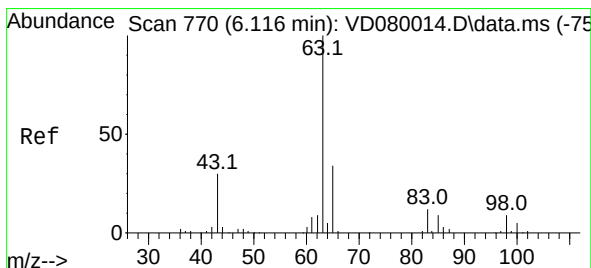
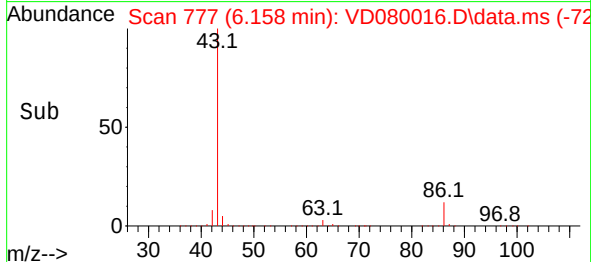
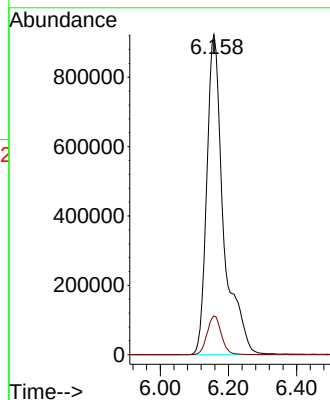
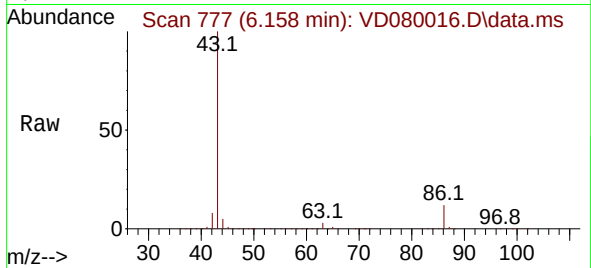




#23
 Vinyl Acetate
 Concen: 839.554 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD080016.D
 Acq: 14 Nov 2024 20:16

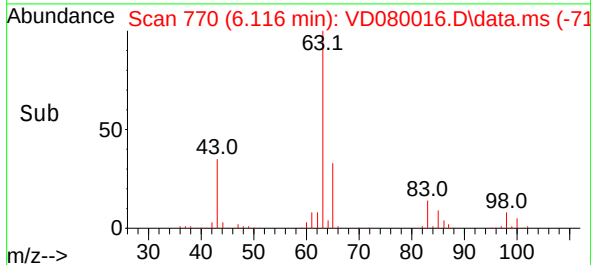
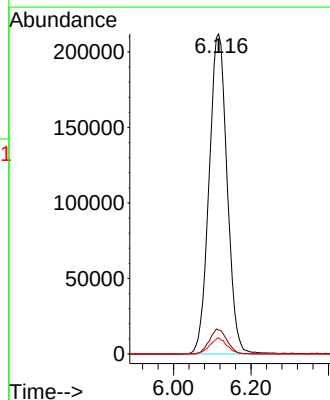
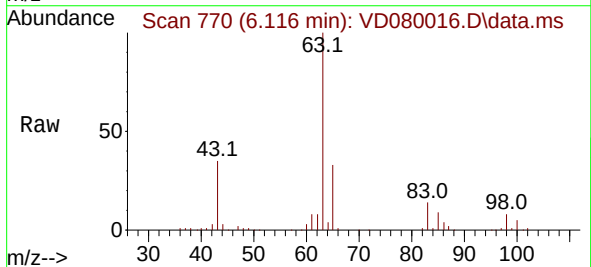
Instrument :
 MSVOA_D
 ClientSampleId :

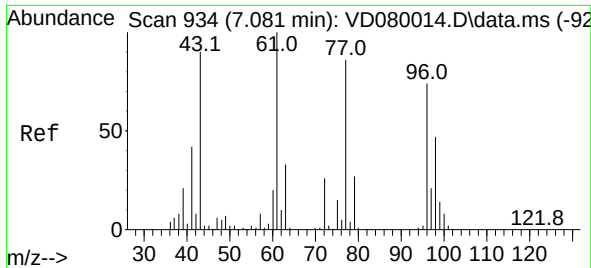
Tgt Ion: 43 Resp: 3161389
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 152.487 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD080016.D
 Acq: 14 Nov 2024 20:16

Tgt Ion: 63 Resp: 686131
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.4 13.2
 100 5.1 2.4 7.2





#25

2-Butanone

Concen: 787.571 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

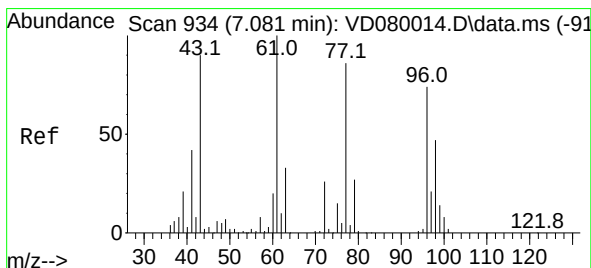
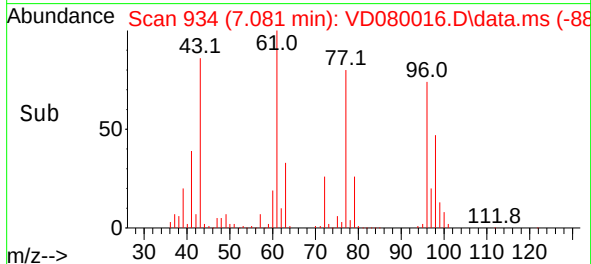
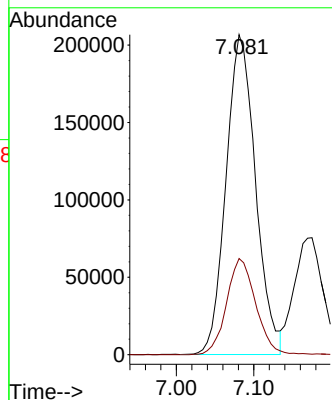
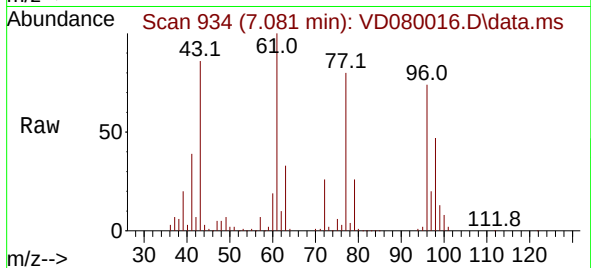
ClientSampleId :

Tgt Ion: 43 Resp: 547803

Ion Ratio Lower Upper

43 100

72 30.1 23.0 34.4



#26

2,2-Dichloropropane

Concen: 146.706 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD080016.D

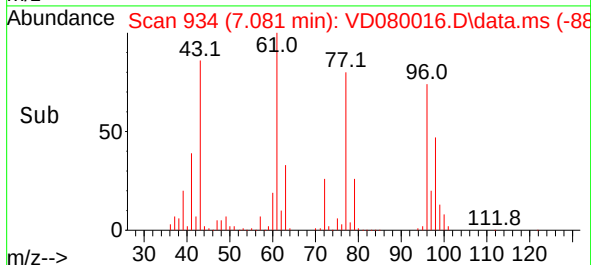
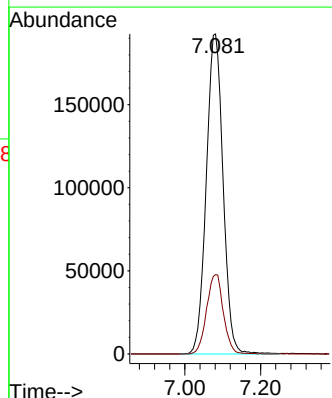
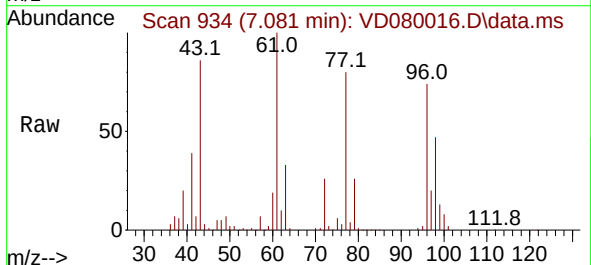
Acq: 14 Nov 2024 20:16

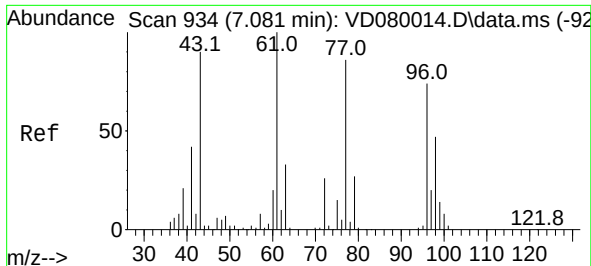
Tgt Ion: 77 Resp: 590404

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 159.251 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

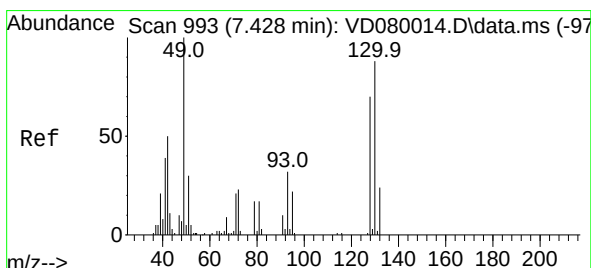
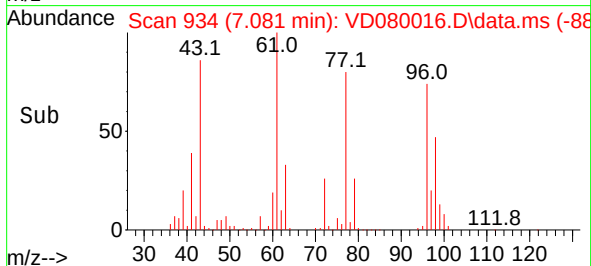
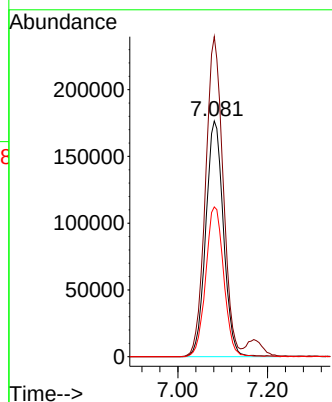
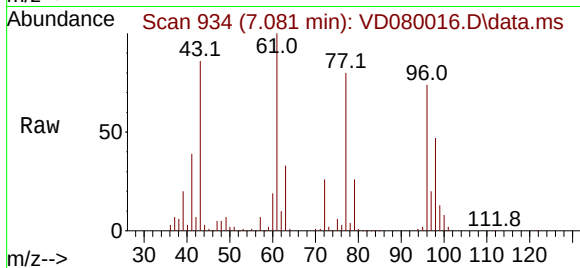
Tgt Ion: 96 Resp: 481387

Ion Ratio Lower Upper

96 100

61 135.1 0.0 272.4

98 64.9 0.0 129.6



#28

Bromochloromethane

Concen: 132.883 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

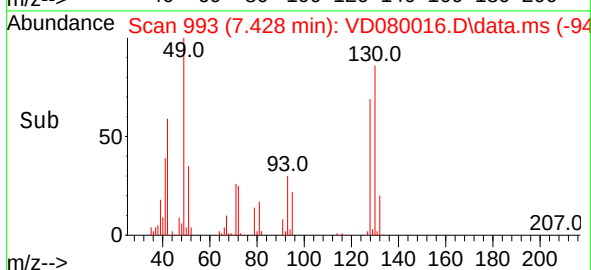
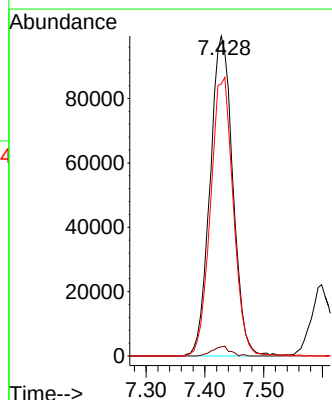
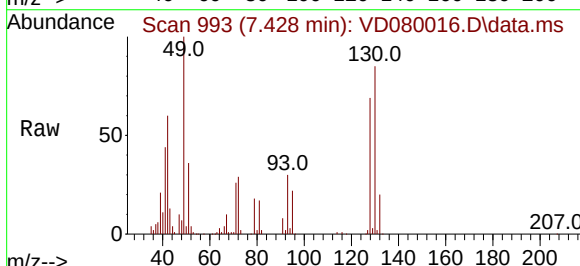
Tgt Ion: 49 Resp: 268169

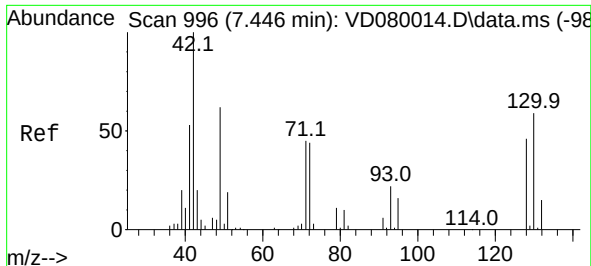
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.6

130 86.7 70.6 105.8





#29

Tetrahydrofuran

Concen: 772.865 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

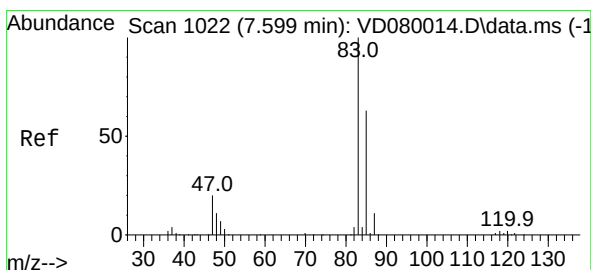
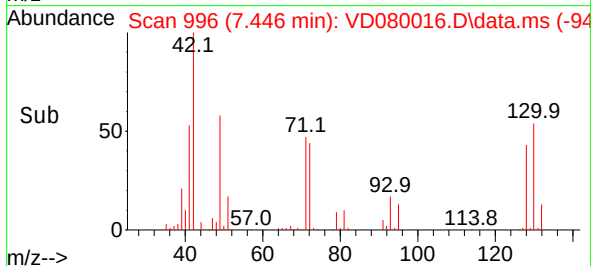
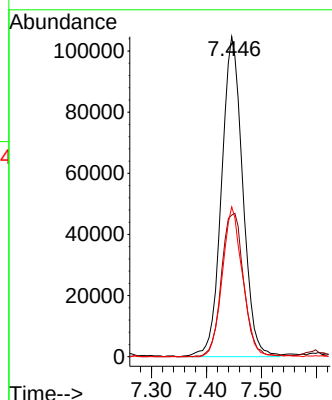
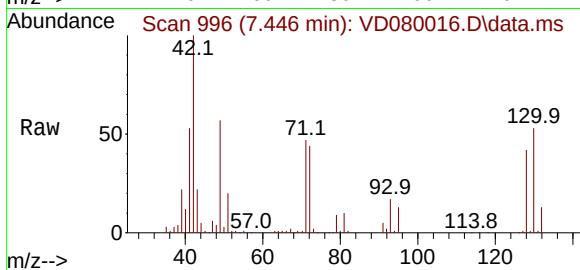
Tgt Ion: 42 Resp: 280733

Ion Ratio Lower Upper

42 100

72 47.1 37.0 55.6

71 45.1 34.7 52.1



#30

Chloroform

Concen: 144.284 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD080016.D

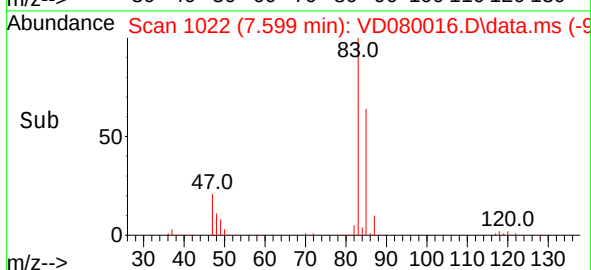
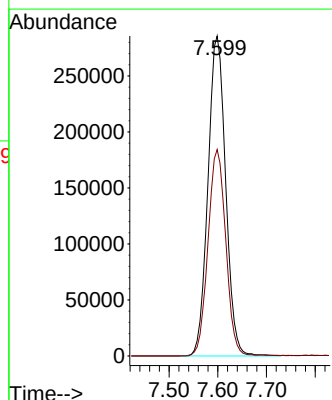
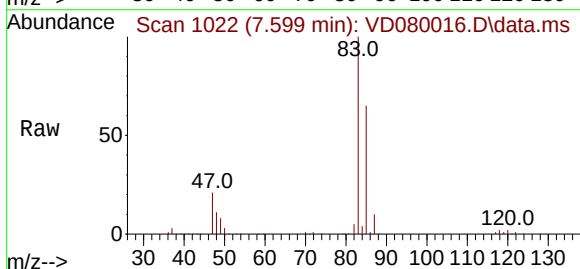
Acq: 14 Nov 2024 20:16

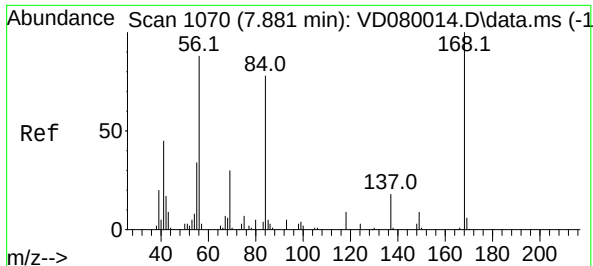
Tgt Ion: 83 Resp: 720418

Ion Ratio Lower Upper

83 100

85 64.5 50.6 75.8





#31

Cyclohexane

Concen: 151.009 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

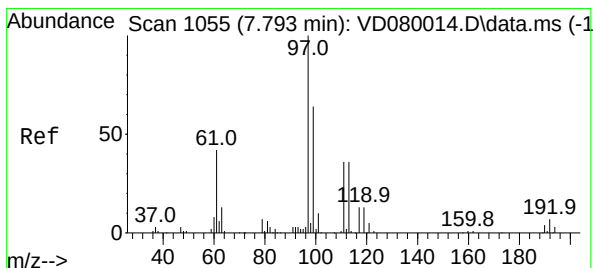
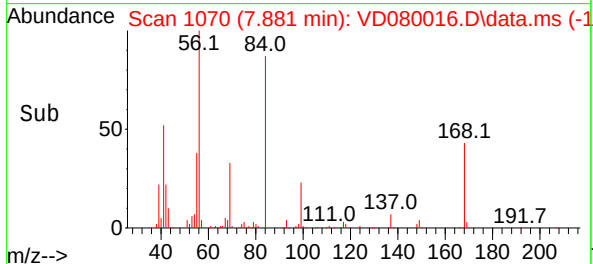
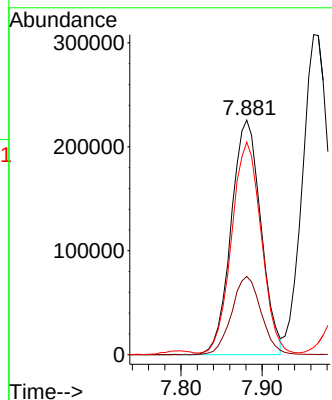
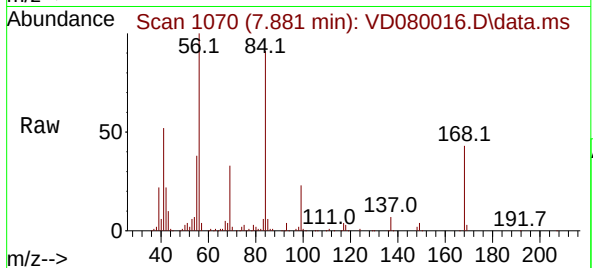
Tgt Ion: 56 Resp: 575006

Ion Ratio Lower Upper

56 100

69 33.4 27.4 41.0

84 89.1 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 147.545 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

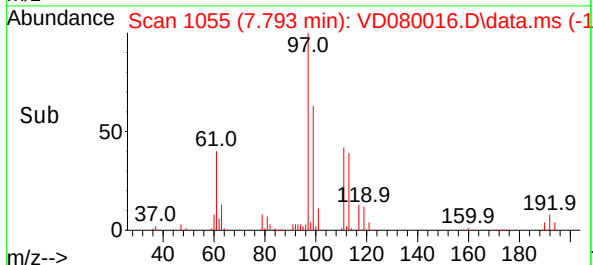
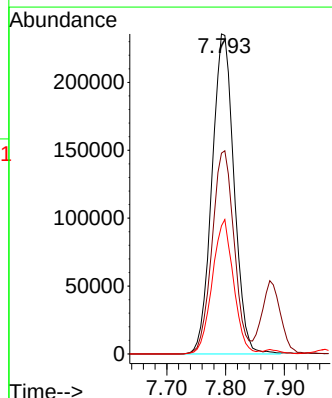
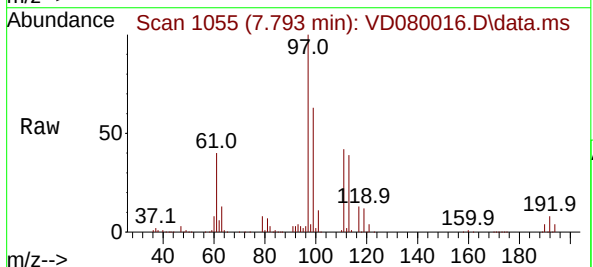
Tgt Ion: 97 Resp: 614937

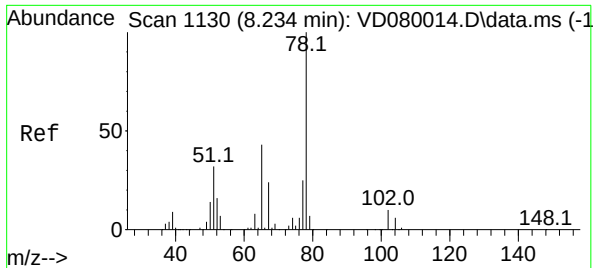
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 40.4 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 148.775 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

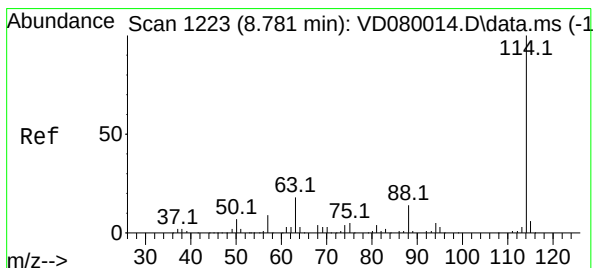
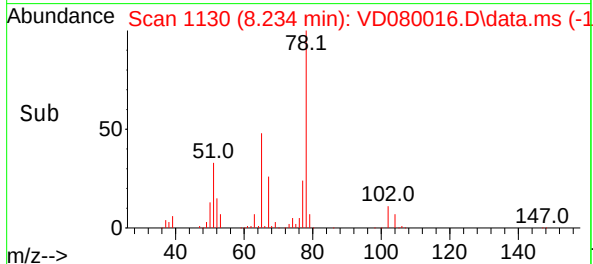
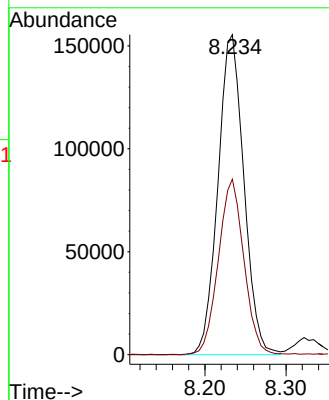
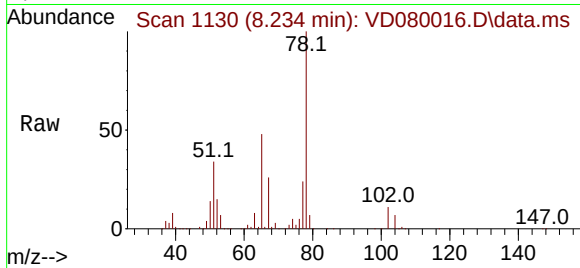
ClientSampleId :

Tgt Ion: 65 Resp: 345148

Ion Ratio Lower Upper

65 100

67 54.1 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

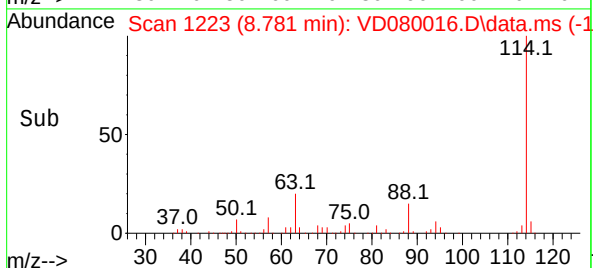
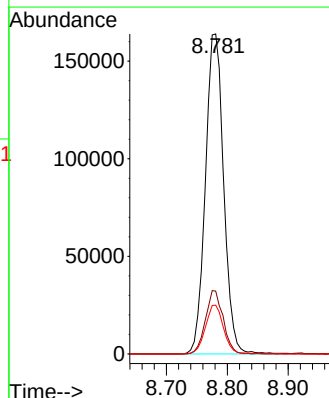
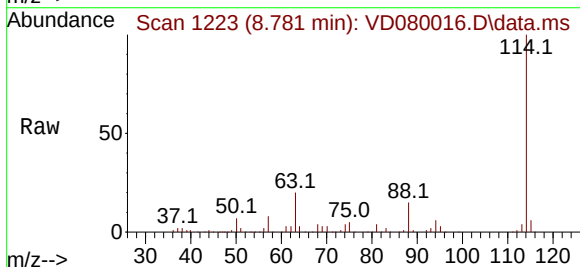
Tgt Ion: 114 Resp: 341604

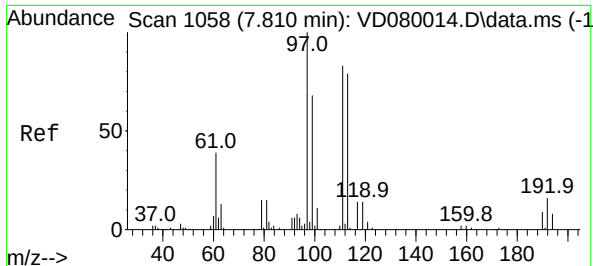
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.2

88 15.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 158.217 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

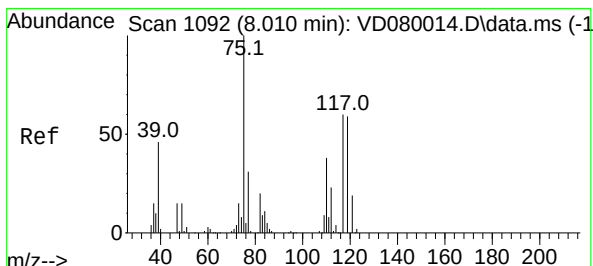
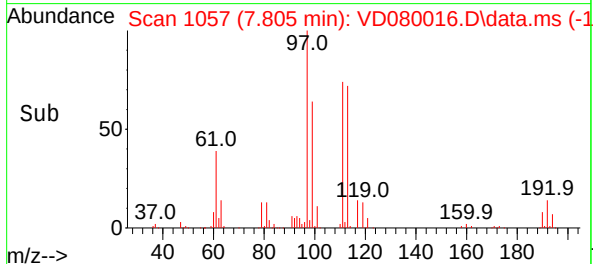
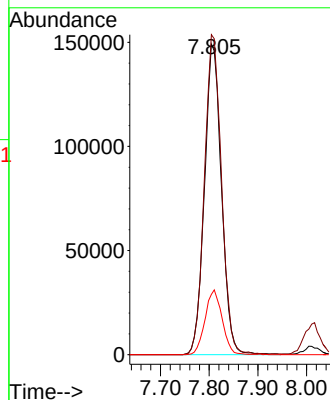
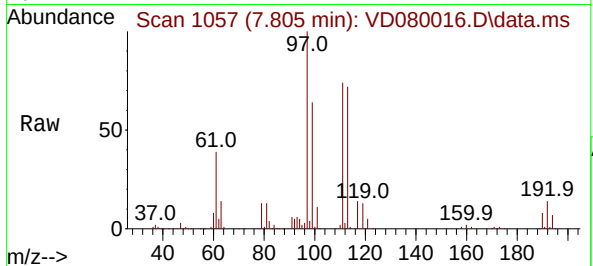
Tgt Ion:113 Resp: 361322

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.6

192 20.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 154.193 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

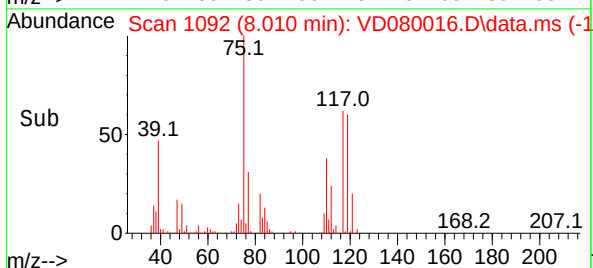
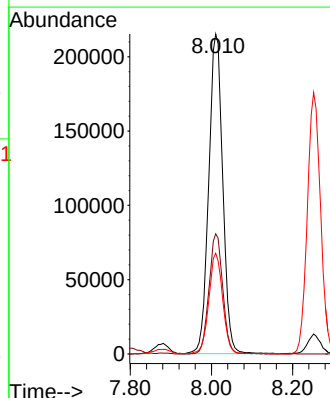
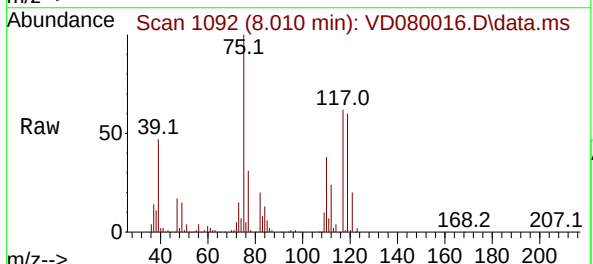
Tgt Ion: 75 Resp: 513871

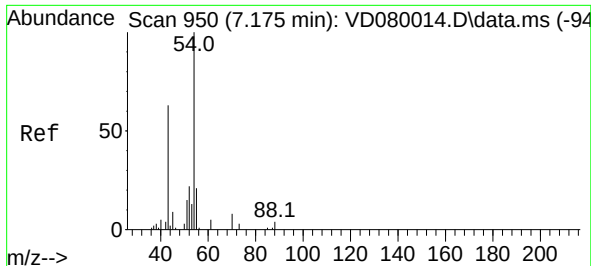
Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.0

77 30.9 24.5 36.7





#37

Ethyl Acetate

Concen: 145.400 ug/l

RT: 7.175 min Scan# 90

Delta R.T. 0.000 min

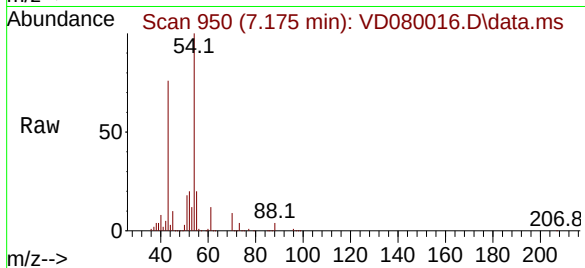
Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :



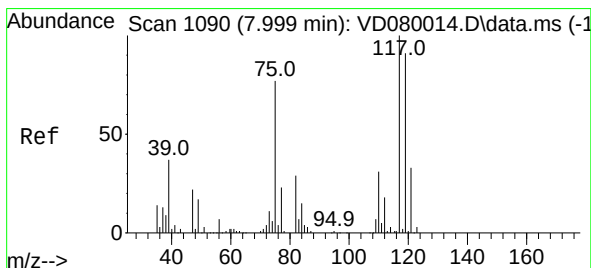
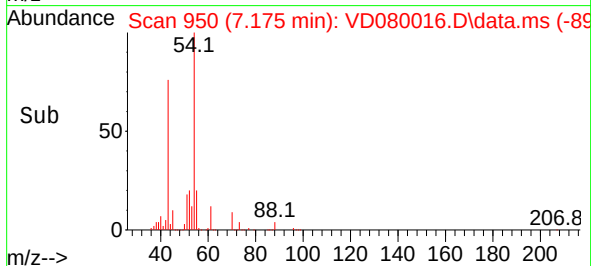
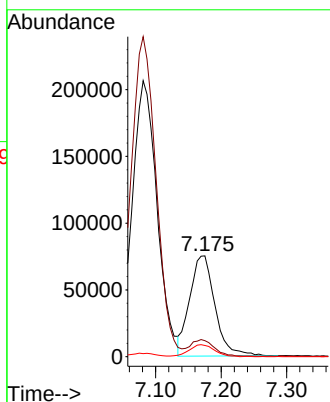
Tgt Ion: 43 Resp: 201245

Ion Ratio Lower Upper

43 100

61 16.1 11.4 17.0

70 11.5 9.6 14.4



#38

Carbon Tetrachloride

Concen: 148.213 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

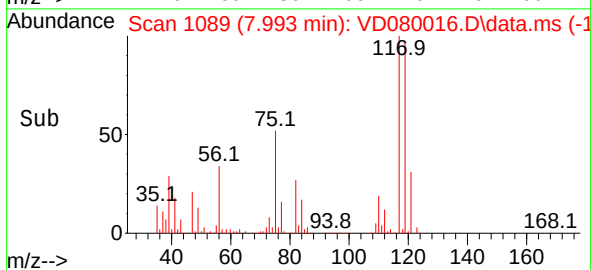
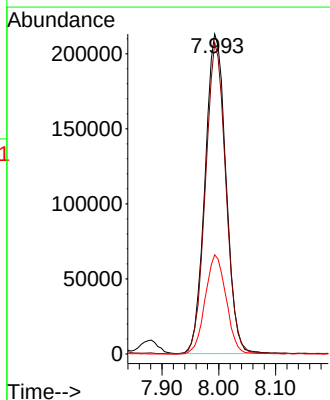
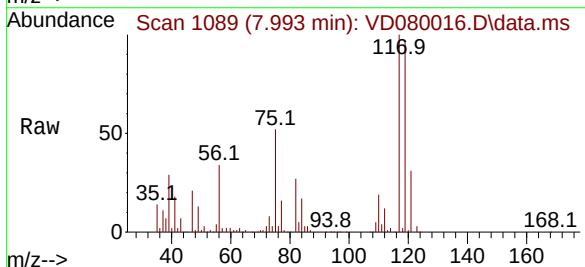
Tgt Ion: 117 Resp: 542420

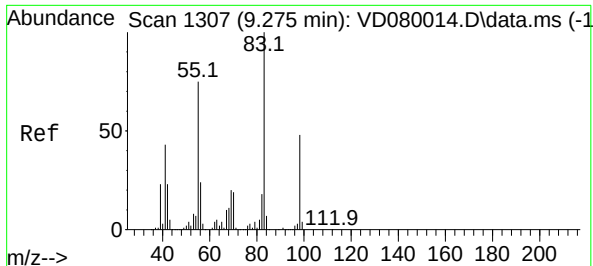
Ion Ratio Lower Upper

117 100

119 97.4 72.6 109.0

121 31.1 26.2 39.4





#39

Methylcyclohexane

Concen: 169.216 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

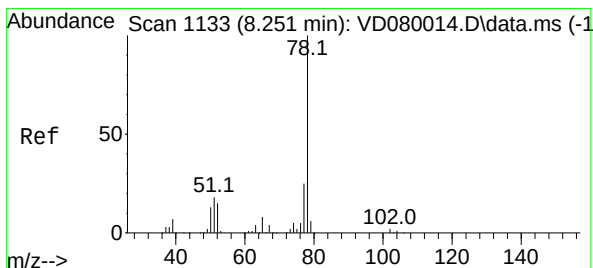
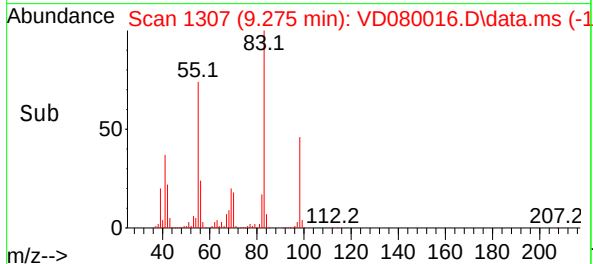
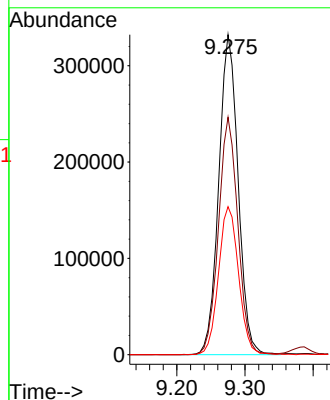
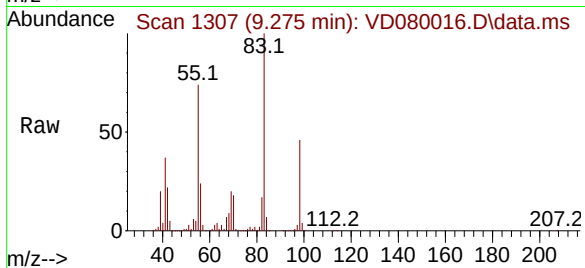
Tgt Ion: 83 Resp: 657730

Ion Ratio Lower Upper

83 100

55 74.2 60.1 90.1

98 46.3 38.2 57.2



#40

Benzene

Concen: 157.286 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD080016.D

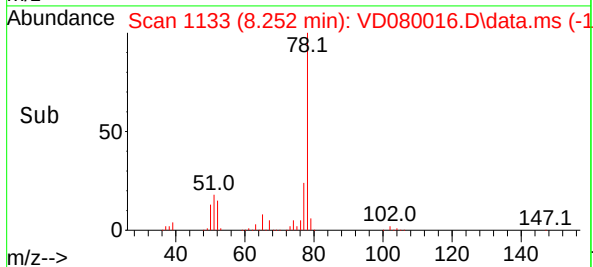
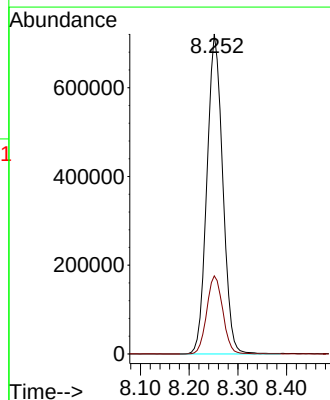
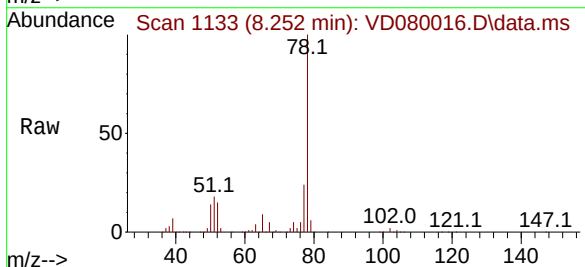
Acq: 14 Nov 2024 20:16

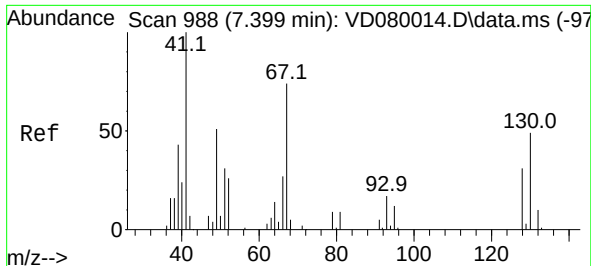
Tgt Ion: 78 Resp: 1619312

Ion Ratio Lower Upper

78 100

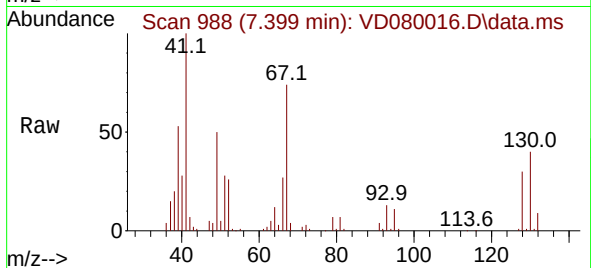
77 24.4 19.7 29.5





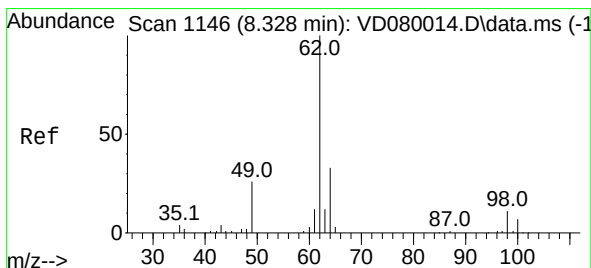
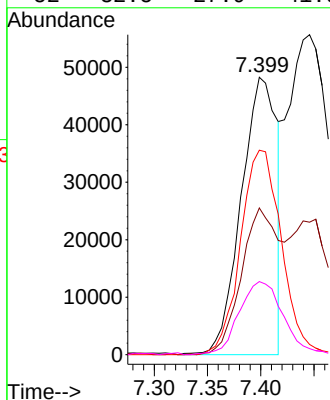
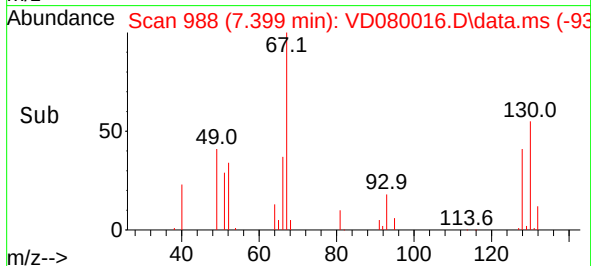
#41
Methacrylonitrile
Concen: 146.621 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 112669

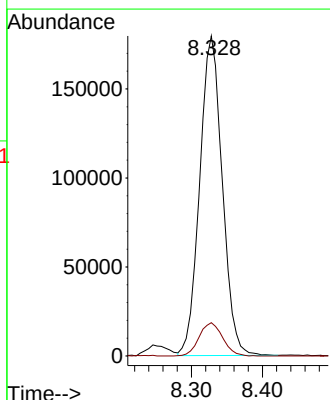
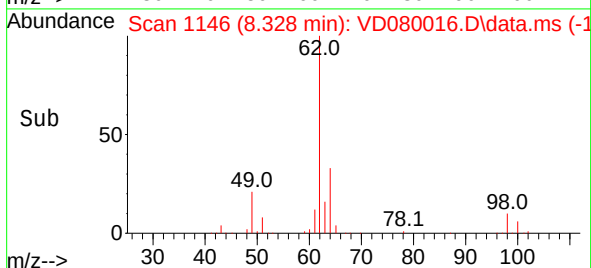
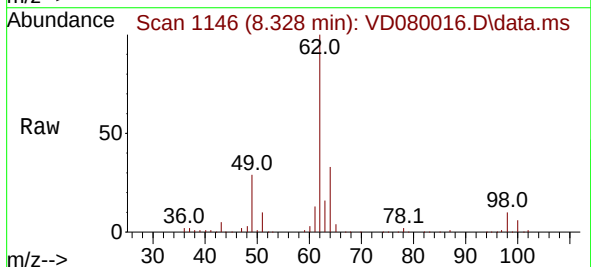
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.6	69.8
67	84.7	67.0	100.4
52	32.5	27.9	41.9

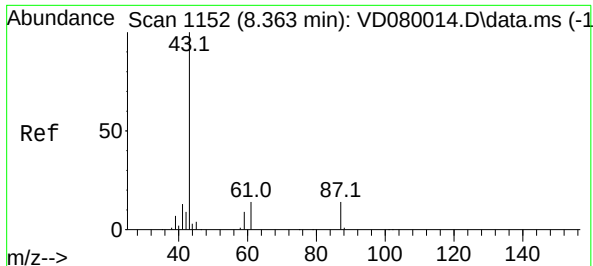


#42
1,2-Dichloroethane
Concen: 147.226 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 62 Resp: 397083

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.2





#43

Isopropyl Acetate

Concen: 154.638 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

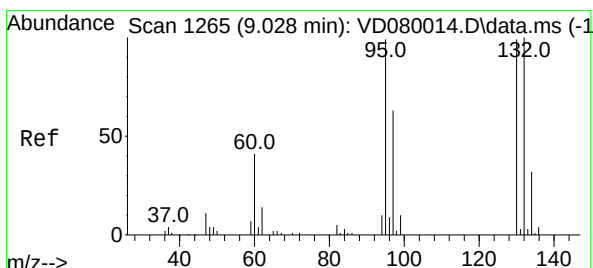
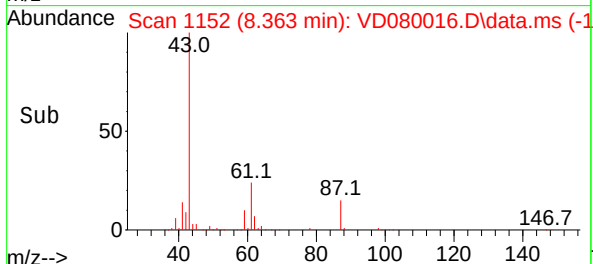
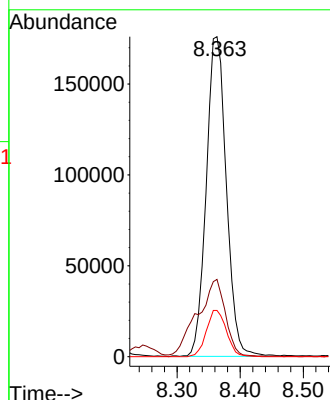
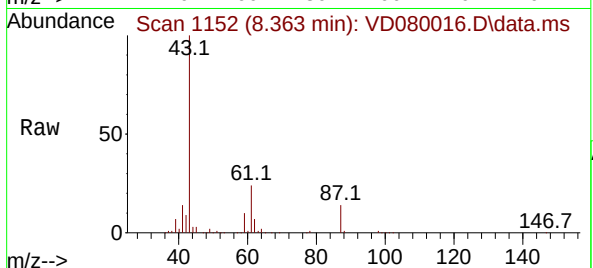
Tgt Ion: 43 Resp: 388928

Ion Ratio Lower Upper

43 100

61 33.5 27.0 40.4

87 14.5 11.3 16.9



#44

Trichloroethene

Concen: 154.111 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080016.D

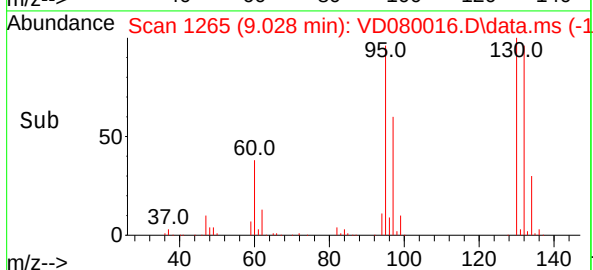
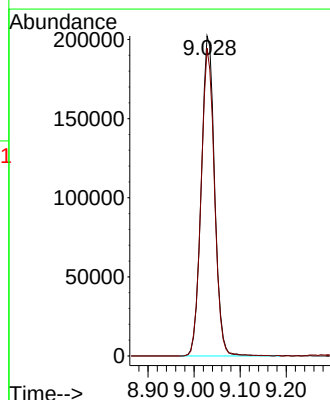
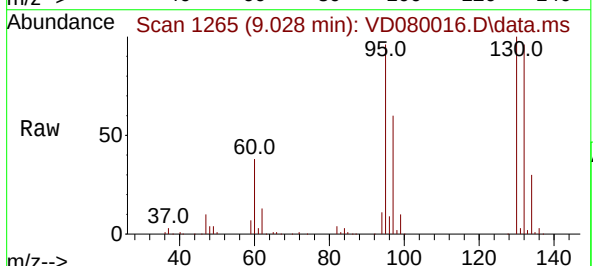
Acq: 14 Nov 2024 20:16

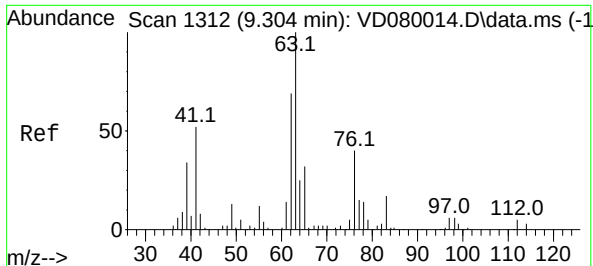
Tgt Ion:130 Resp: 409177

Ion Ratio Lower Upper

130 100

95 96.1 0.0 201.0

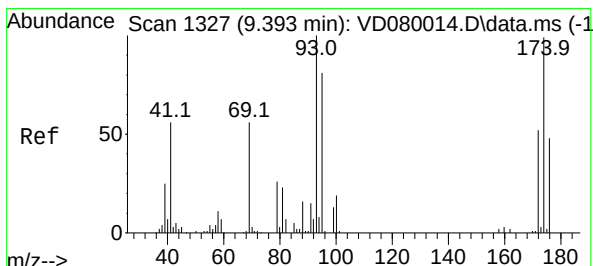
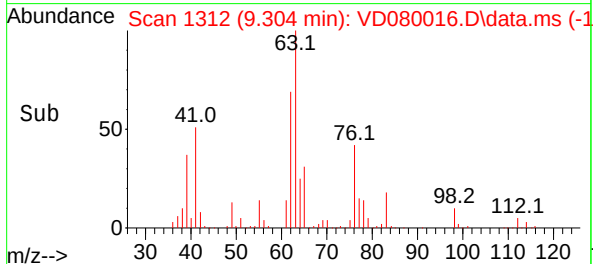
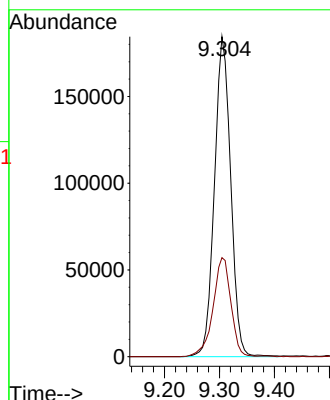
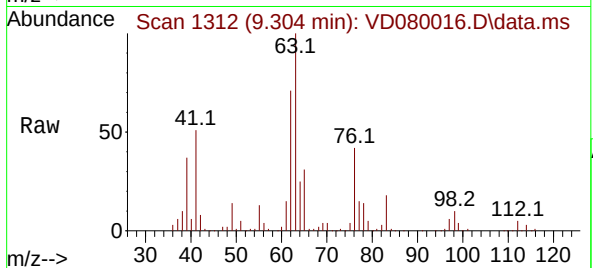




#45
1,2-Dichloropropane
Concen: 154.915 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

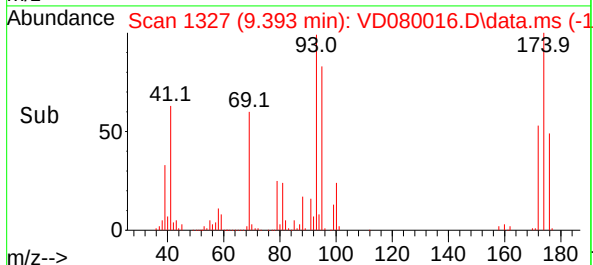
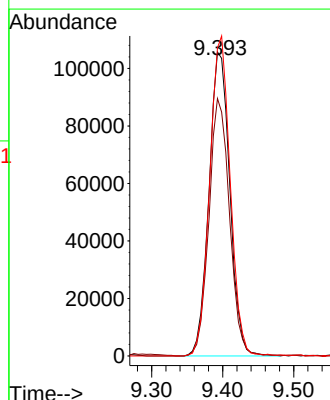
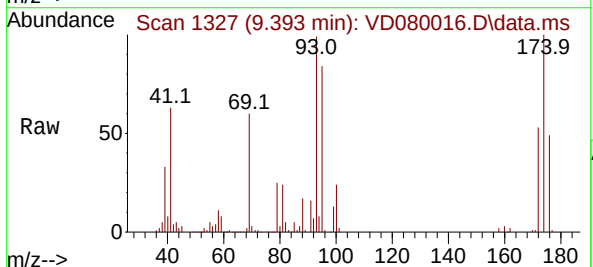
Instrument :
MSVOA_D
ClientSampleId :

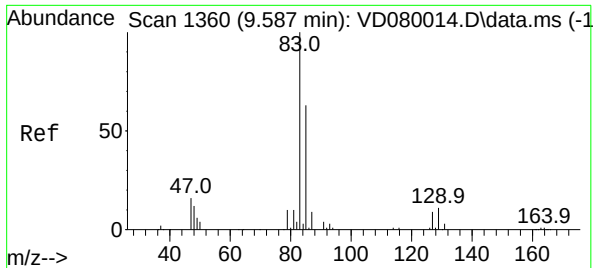
Tgt Ion: 63 Resp: 379540
Ion Ratio Lower Upper
63 100
65 31.0 25.8 38.6



#46
Dibromomethane
Concen: 149.493 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 93 Resp: 215256
Ion Ratio Lower Upper
93 100
95 83.9 66.8 100.2
174 103.9 83.9 125.9

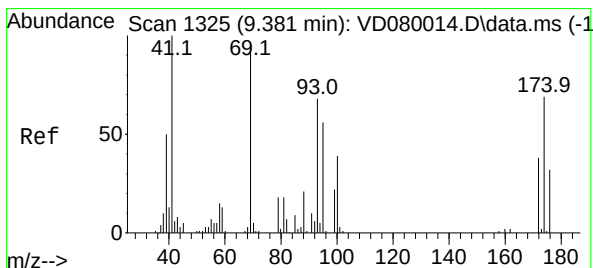
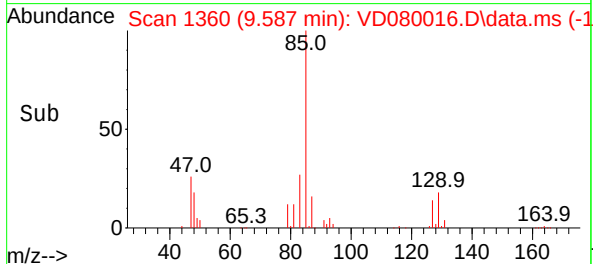
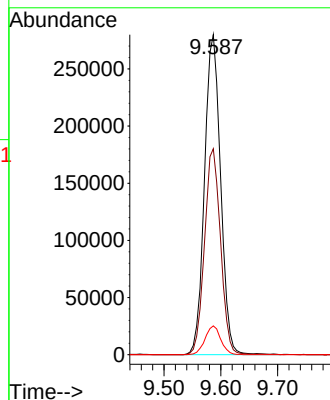
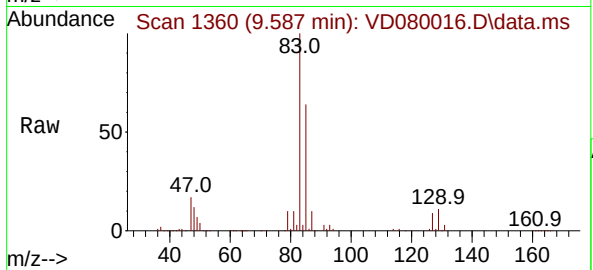




#47
Bromodichloromethane
Concen: 152.360 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

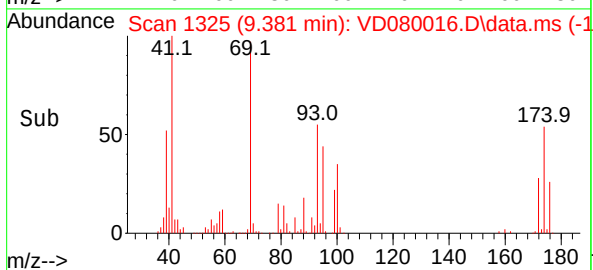
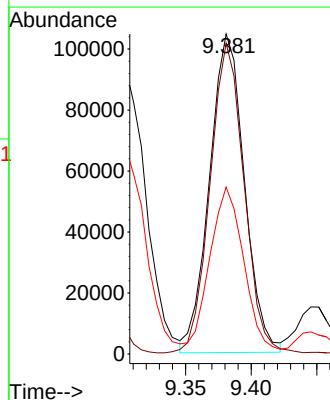
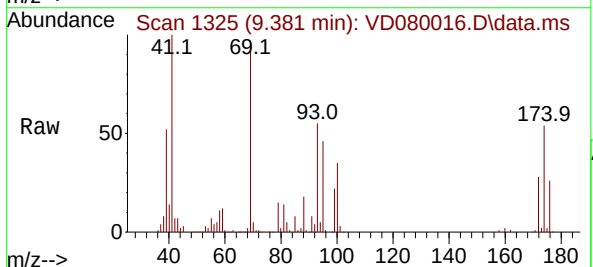
Instrument :
MSVOA_D
ClientSampleId :

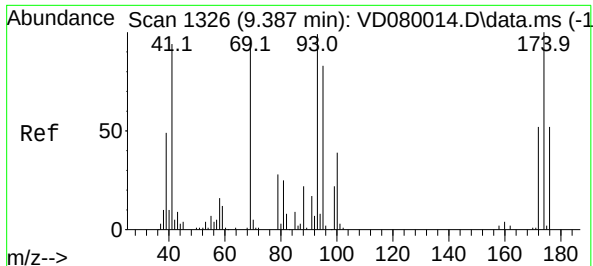
Tgt Ion: 83 Resp: 549939
Ion Ratio Lower Upper
83 100
85 64.4 50.7 76.1
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 171.718 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 41 Resp: 193027
Ion Ratio Lower Upper
41 100
69 94.8 77.0 115.4
39 48.5 41.2 61.8





#49

1,4-Dioxane

Concen: 3130.342 ug/l

RT: 9.387 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

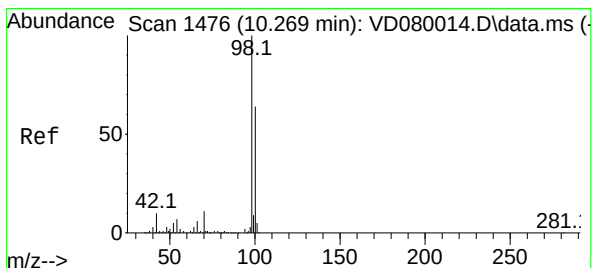
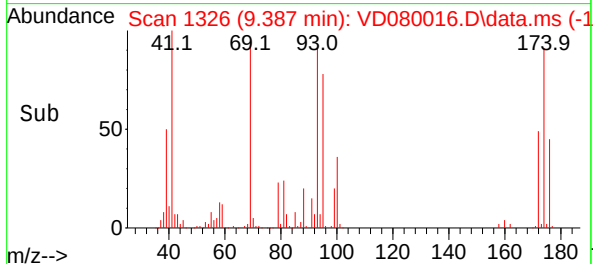
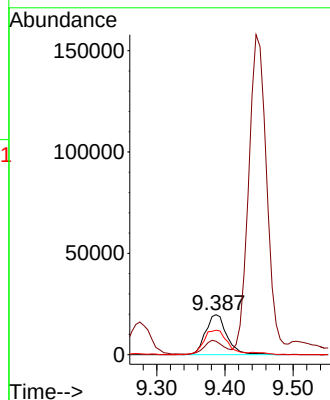
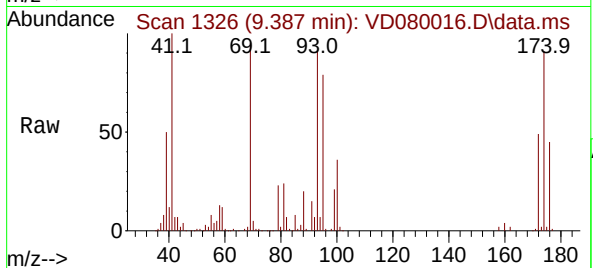
Tgt Ion: 88 Resp: 42945

Ion Ratio Lower Upper

88 100

43 32.1 28.0 42.0

58 67.5 55.2 82.8



#50

Toluene-d8

Concen: 165.396 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080016.D

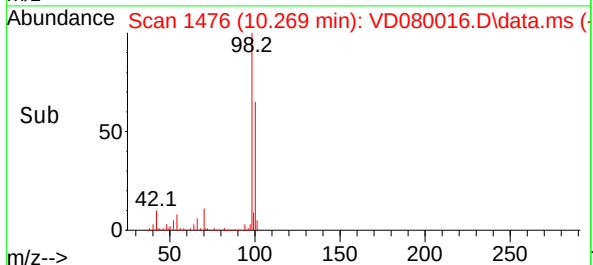
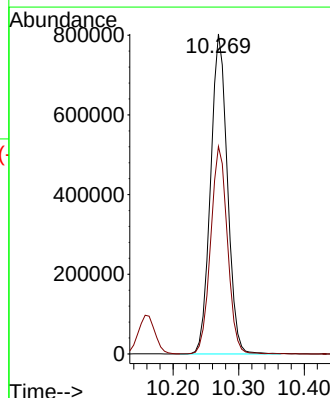
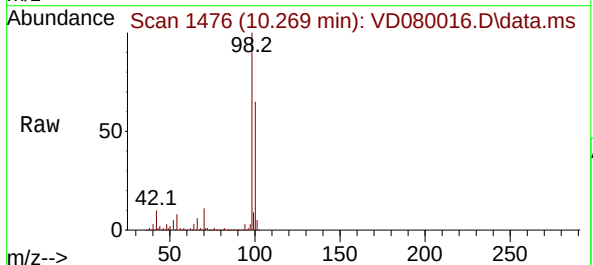
Acq: 14 Nov 2024 20:16

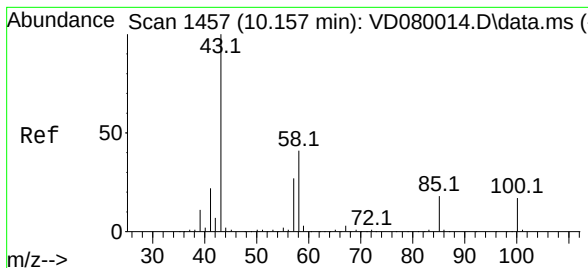
Tgt Ion: 98 Resp: 1429048

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

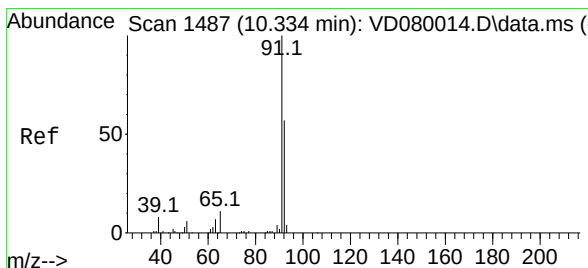
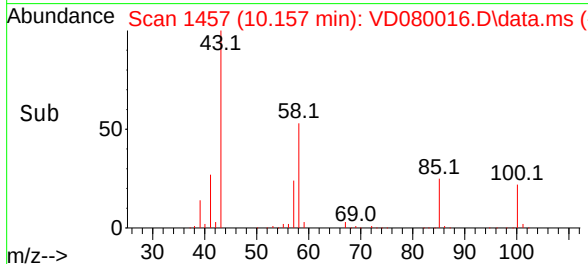
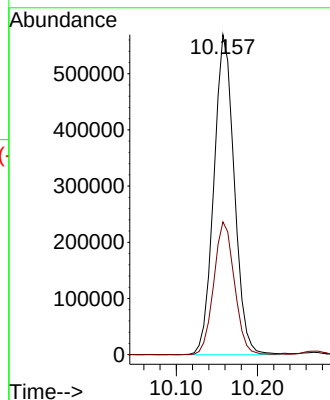
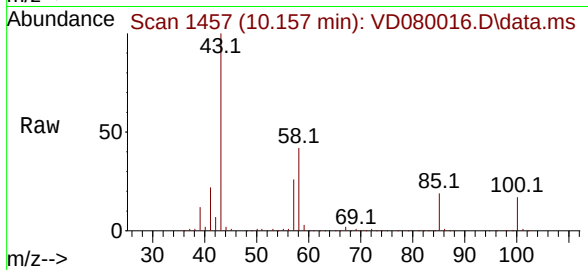




#51
4-Methyl-2-Pentanone
Concen: 785.808 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

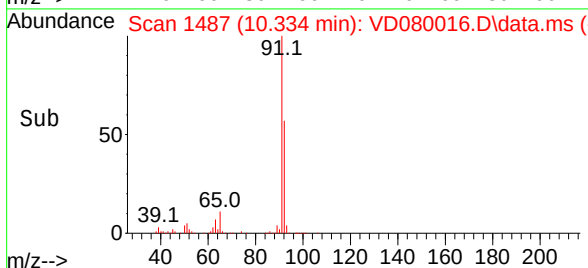
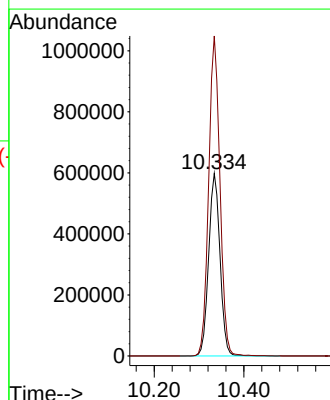
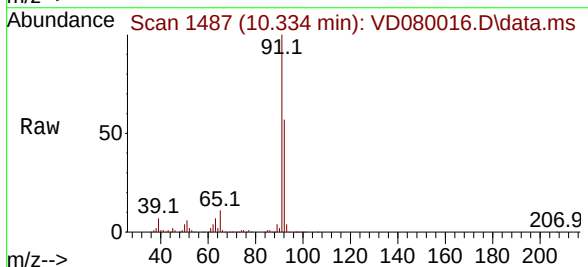
Instrument :
MSVOA_D
ClientSampleId :

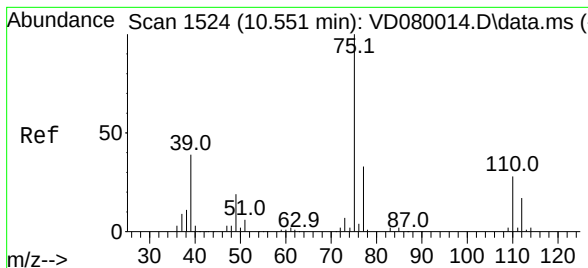
Tgt Ion: 43 Resp: 995981
Ion Ratio Lower Upper
43 100
58 41.9 32.6 48.8



#52
Toluene
Concen: 163.389 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 92 Resp: 1047478
Ion Ratio Lower Upper
92 100
91 174.3 141.4 212.2

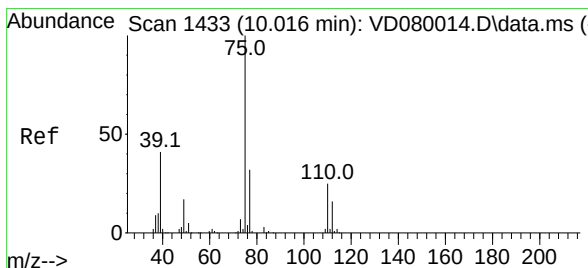
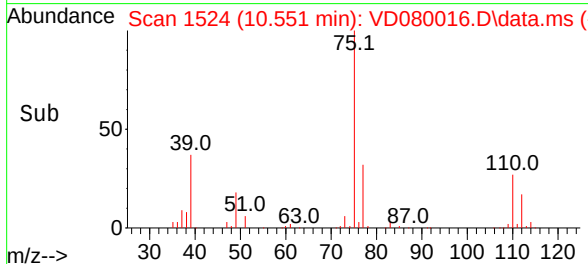
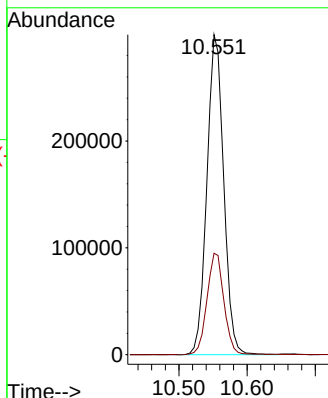
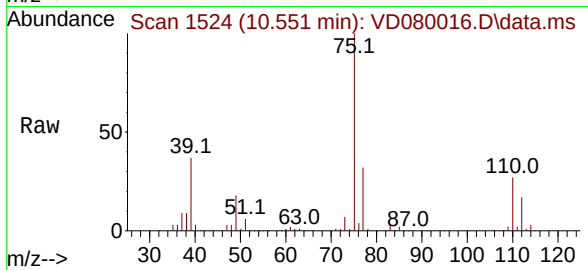




#53
 t-1,3-Dichloropropene
 Concen: 164.149 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD080016.D
 Acq: 14 Nov 2024 20:16

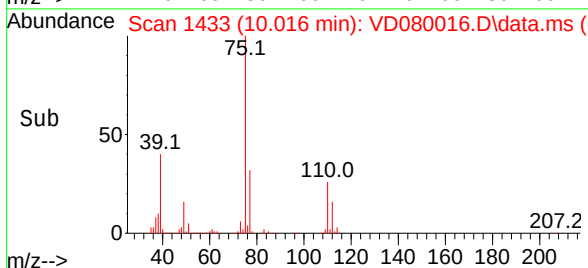
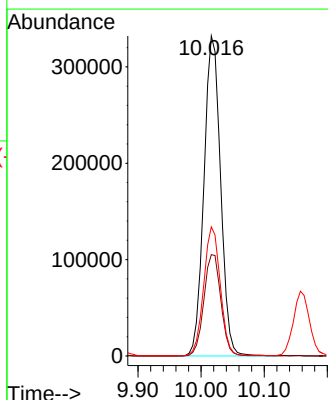
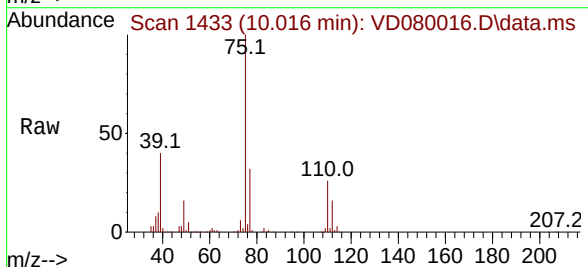
Instrument :
 MSVOA_D
 ClientSampleId :

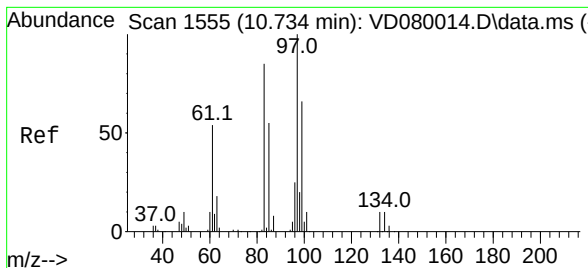
Tgt Ion: 75 Resp: 513701
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 162.230 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080016.D
 Acq: 14 Nov 2024 20:16

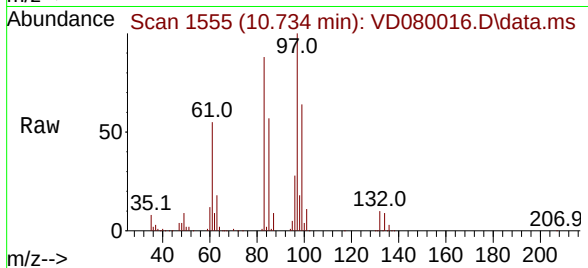
Tgt Ion: 75 Resp: 608395
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5
 39 40.3 32.8 49.2



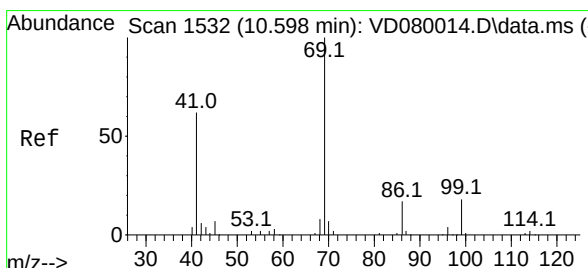
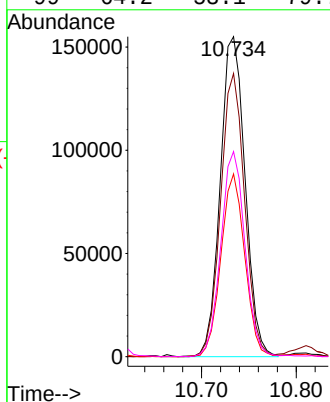
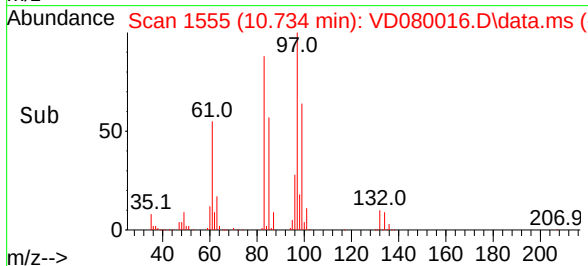


#55
1,1,2-Trichloroethane
Concen: 147.173 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Instrument :
MSVOA_D
ClientSampleId :

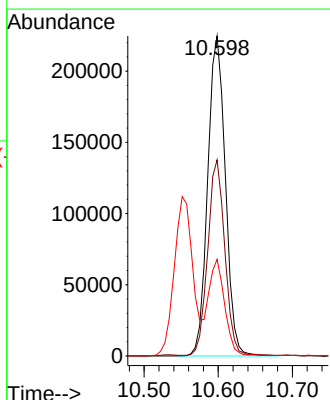
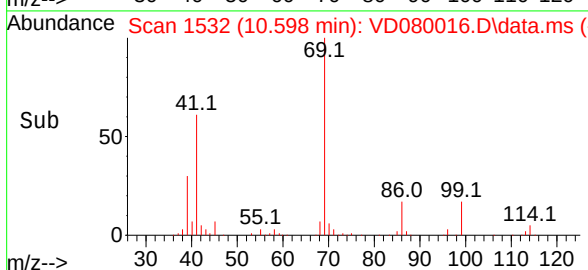
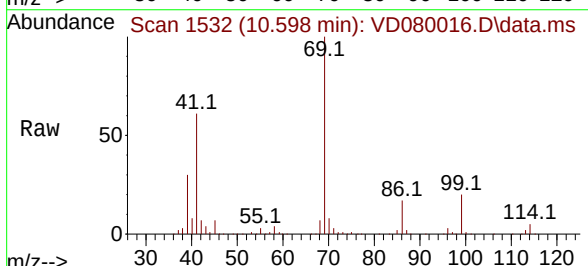


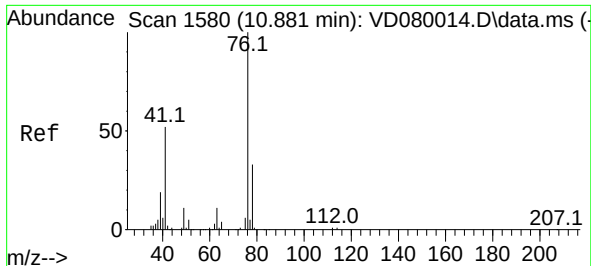
Tgt Ion:	97	Resp:	282953
Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.2	102.2
85	57.2	44.2	66.2
99	64.2	53.1	79.7



#56
Ethyl methacrylate
Concen: 170.025 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion:	69	Resp:	371648
Ion	Ratio	Lower	Upper
69	100		
41	59.1	48.0	72.0
39	29.0	25.0	37.4





#57

1,3-Dichloropropane

Concen: 155.216 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

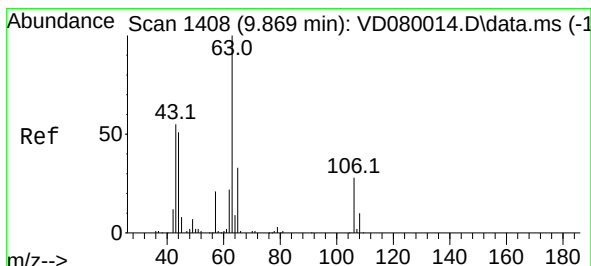
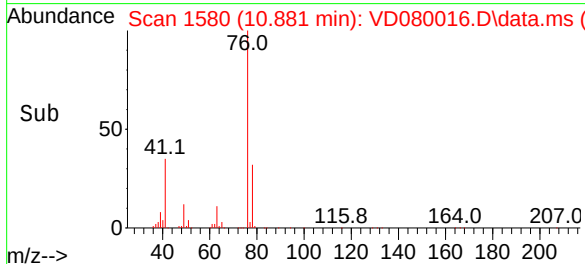
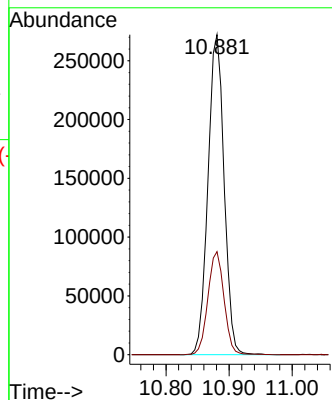
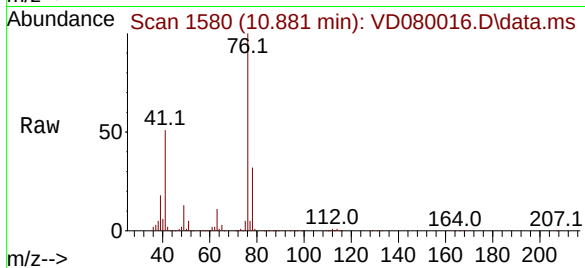
ClientSampleId :

Tgt Ion: 76 Resp: 482430

Ion Ratio Lower Upper

76 100

78 32.2 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 878.344 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080016.D

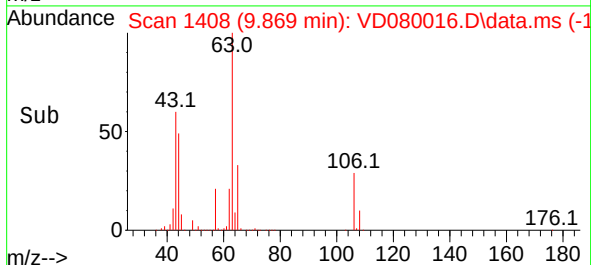
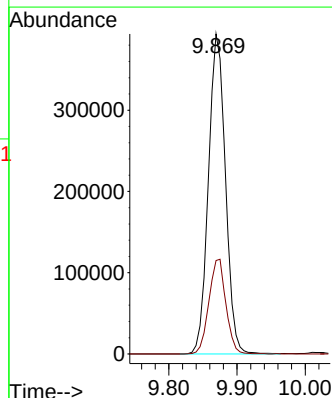
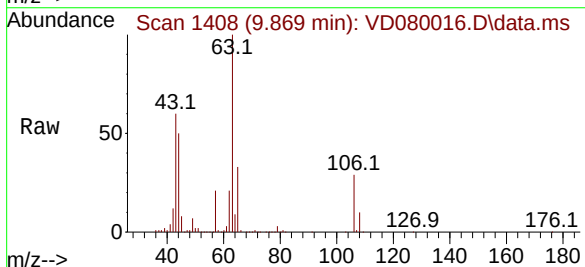
Acq: 14 Nov 2024 20:16

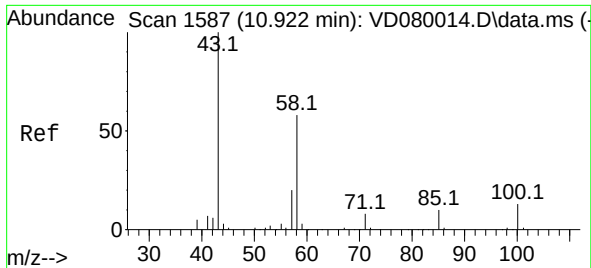
Tgt Ion: 63 Resp: 685621

Ion Ratio Lower Upper

63 100

106 29.5 23.3 34.9

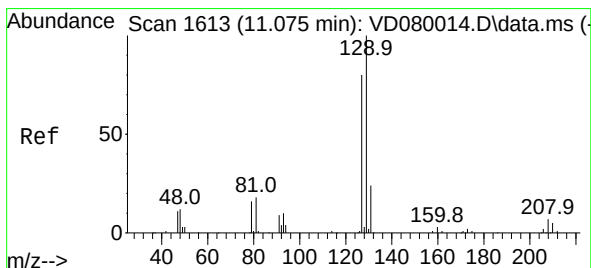
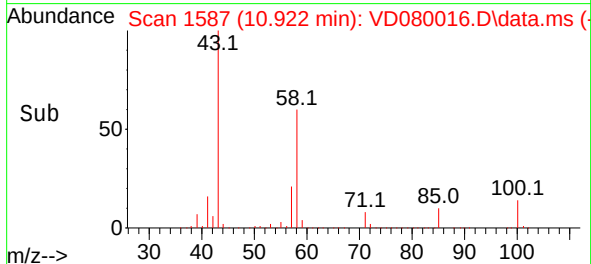
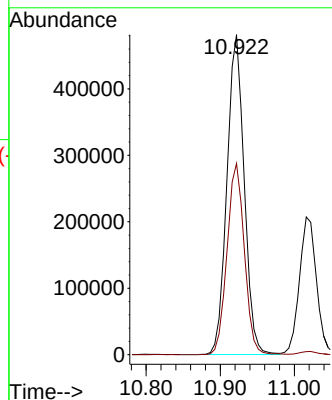
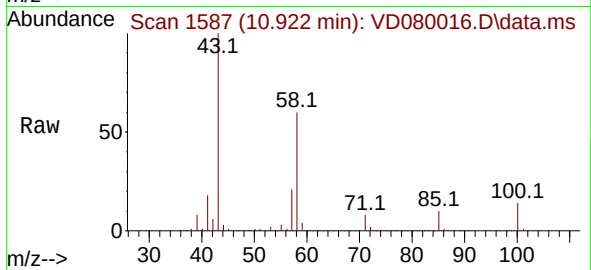




#59
2-Hexanone
Concen: 800.515 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

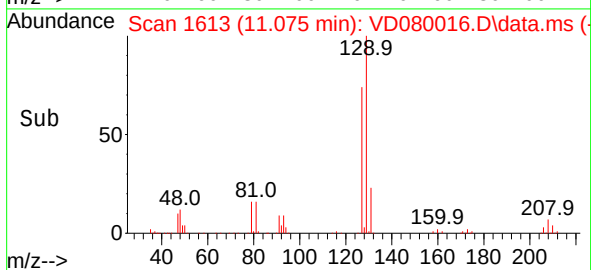
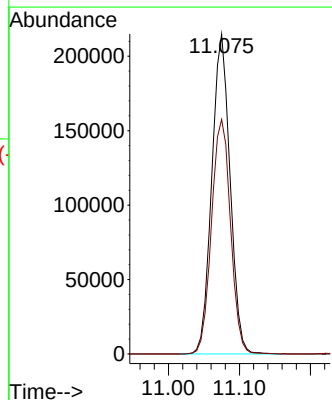
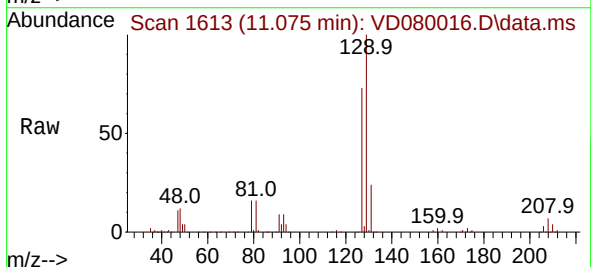
Instrument :
MSVOA_D
ClientSampleId :

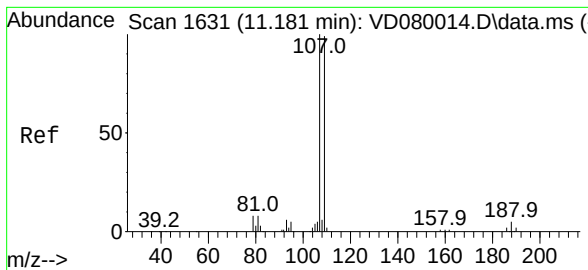
Tgt Ion: 43 Resp: 778628
Ion Ratio Lower Upper
43 100
58 59.9 29.1 87.4



#60
Dibromochloromethane
Concen: 150.574 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion:129 Resp: 383395
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6

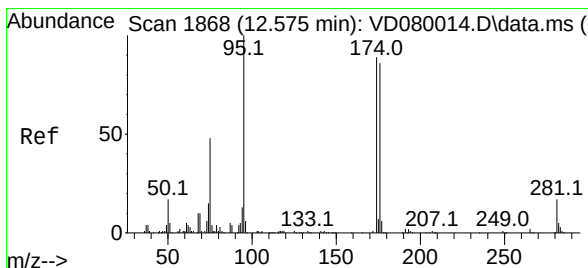
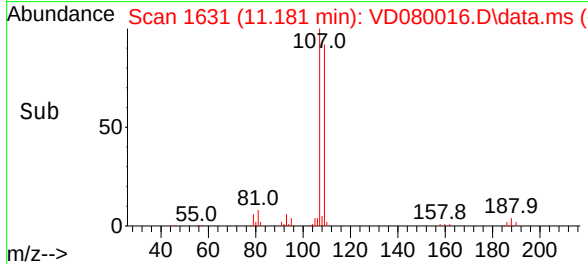
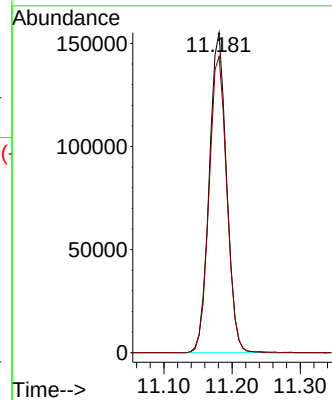
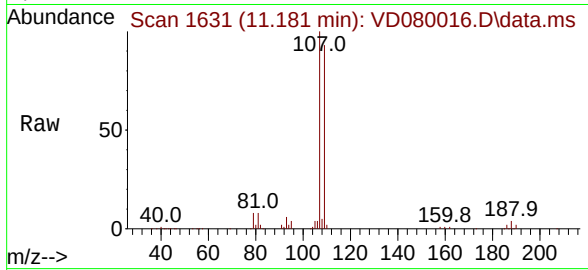




#61
1,2-Dibromoethane
Concen: 151.906 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

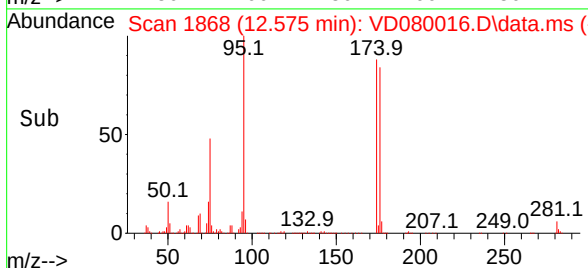
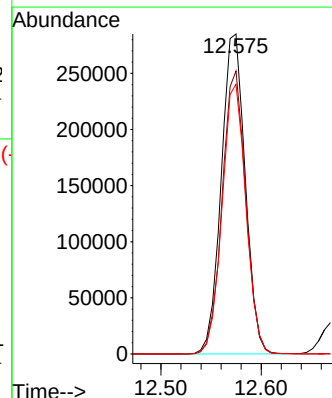
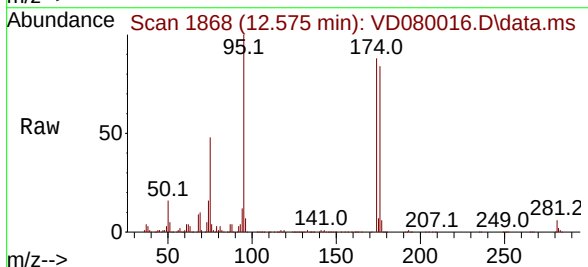
Instrument :
MSVOA_D
ClientSampleId :

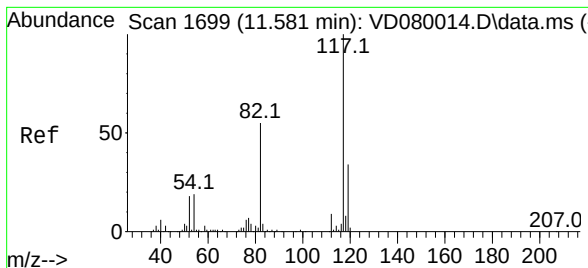
Tgt Ion:107 Resp: 274148
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 163.181 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 95 Resp: 472915
Ion Ratio Lower Upper
95 100
174 87.2 0.0 172.2
176 83.6 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: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

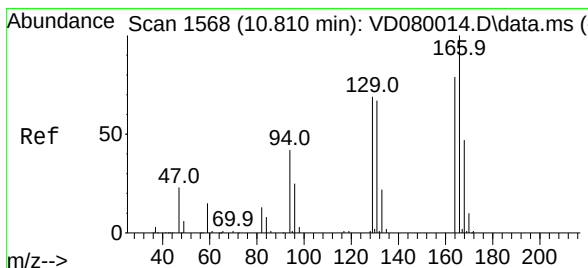
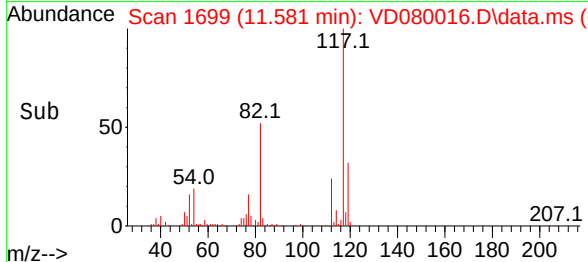
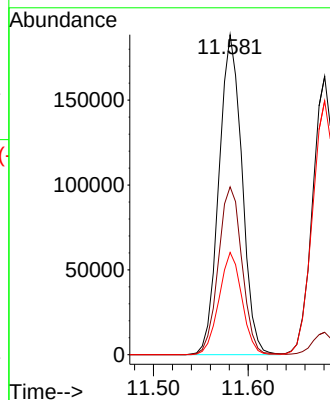
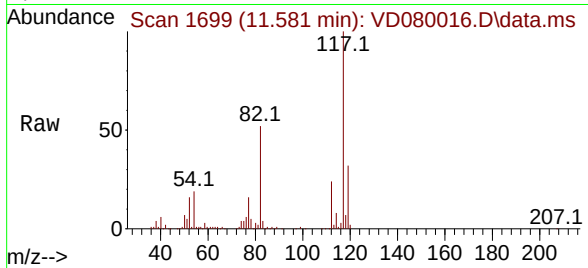
Tgt Ion:117 Resp: 319279

Ion Ratio Lower Upper

117 100

82 52.5 43.7 65.5

119 31.9 26.8 40.2



#64

Tetrachloroethene

Concen: 150.628 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Tgt Ion:164 Resp: 362996

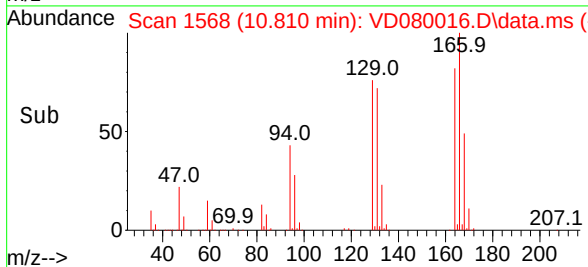
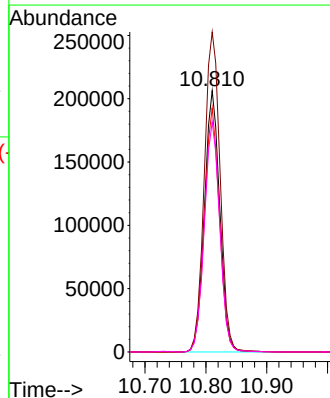
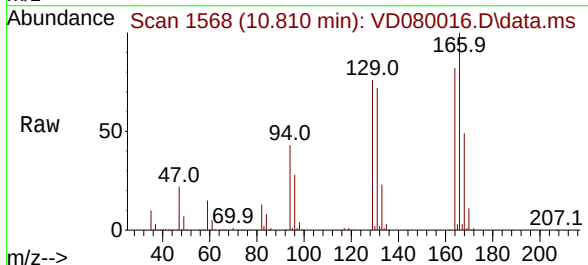
Ion Ratio Lower Upper

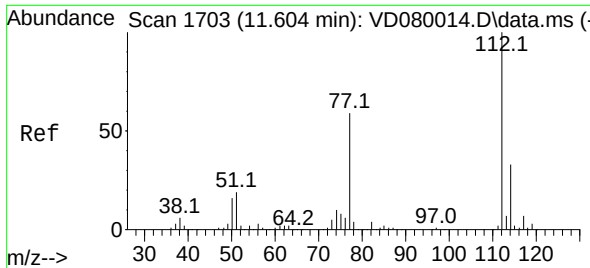
164 100

166 122.5 101.4 152.2

129 93.4 69.6 104.4

131 88.0 67.6 101.4

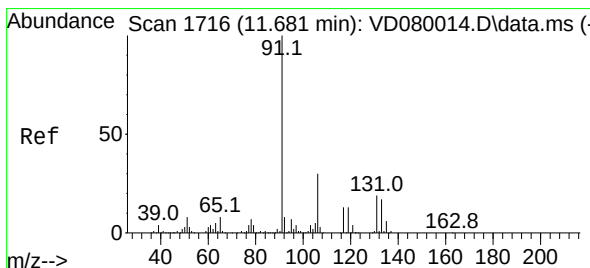
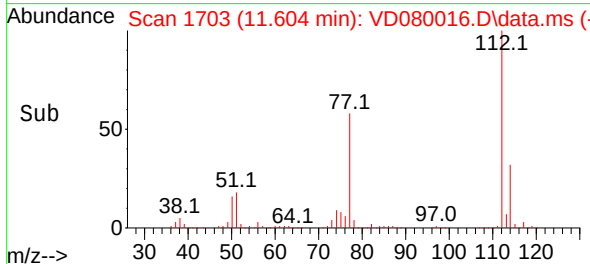
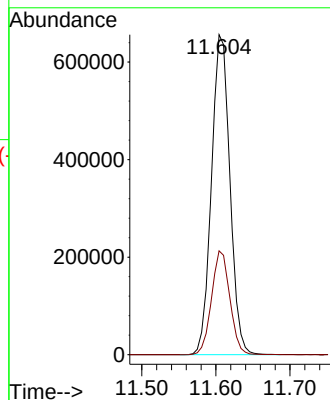
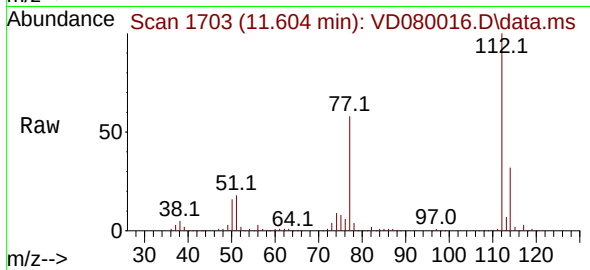




#65
Chlorobenzene
Concen: 154.843 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

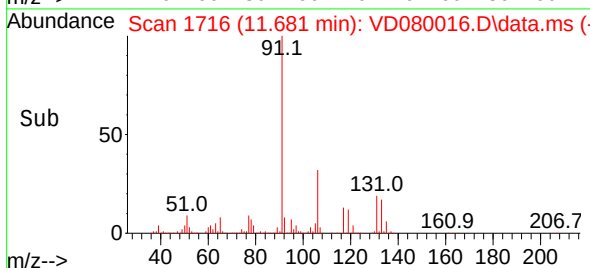
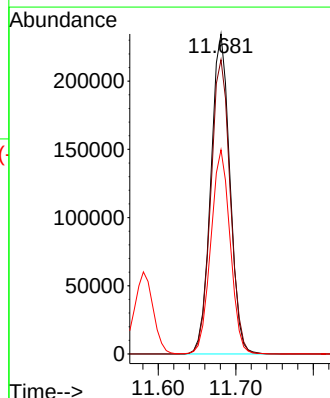
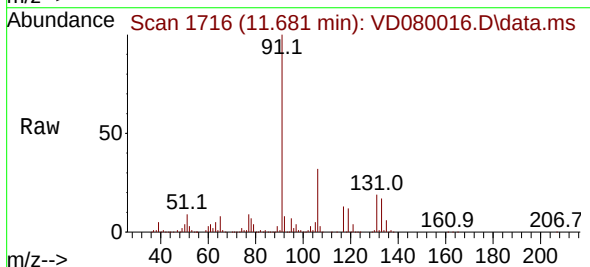
Instrument :
MSVOA_D
ClientSampleId :

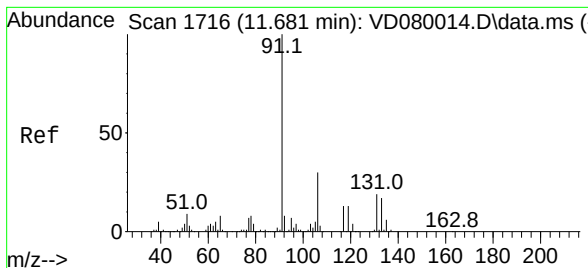
Tgt Ion:112 Resp: 1132662
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 153.967 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion:131 Resp: 400399
Ion Ratio Lower Upper
131 100
133 93.9 46.5 139.5
119 64.7 33.0 98.9

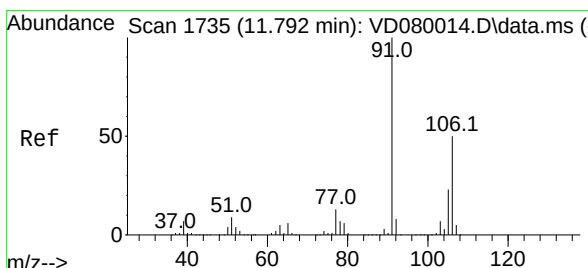
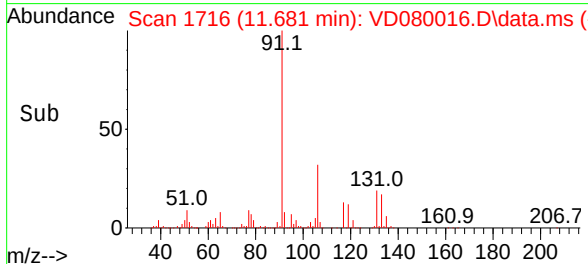
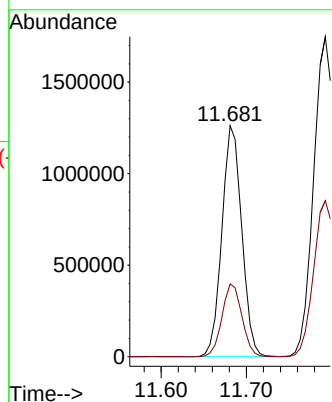
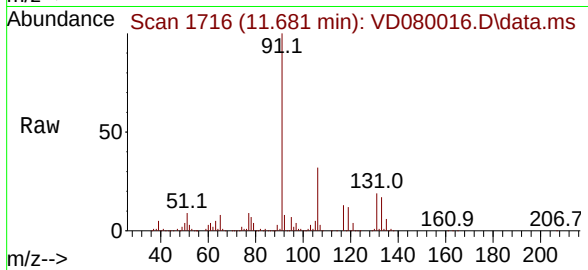




#67
Ethyl Benzene
Concen: 168.552 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

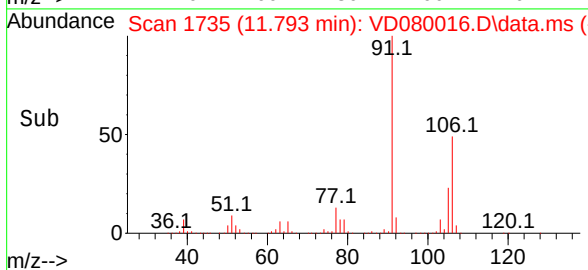
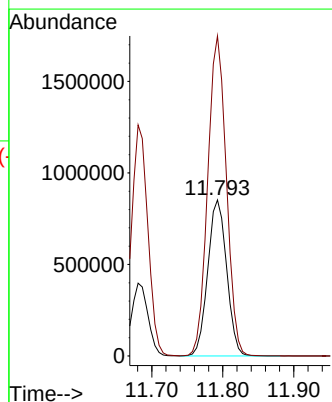
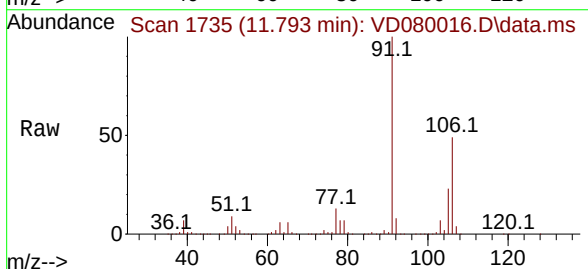
Instrument :
MSVOA_D
ClientSampleId :

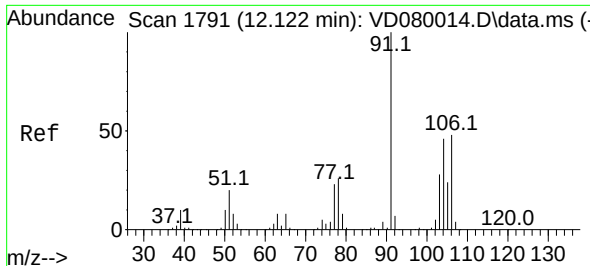
Tgt Ion: 91 Resp: 2040746
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6



#68
m/p-Xylenes
Concen: 329.885 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion:106 Resp: 1574982
Ion Ratio Lower Upper
106 100
91 202.2 161.0 241.4

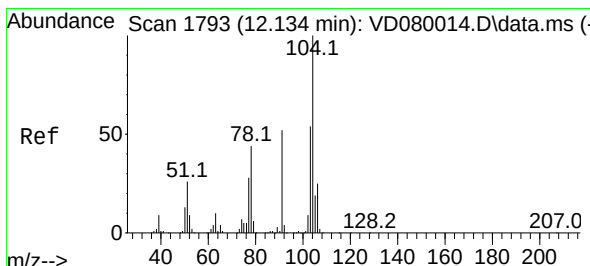
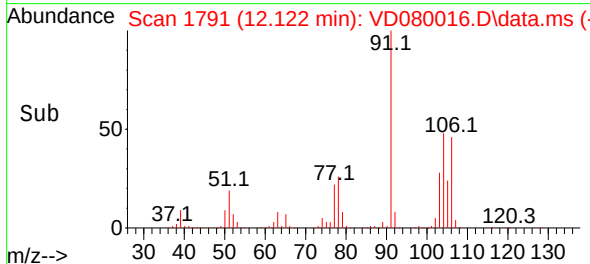
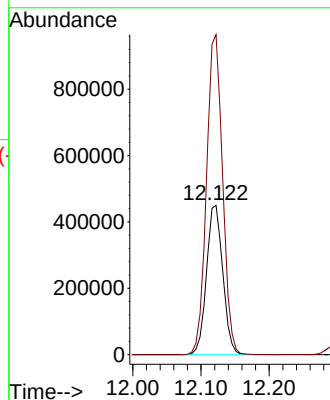
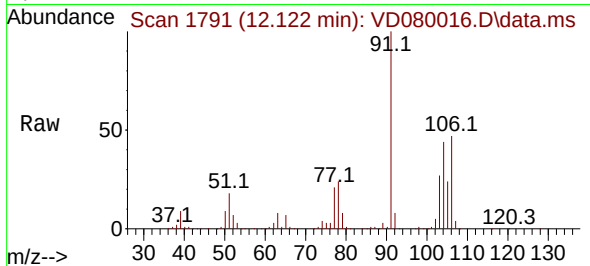




#69
o-Xylene
Concen: 172.143 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

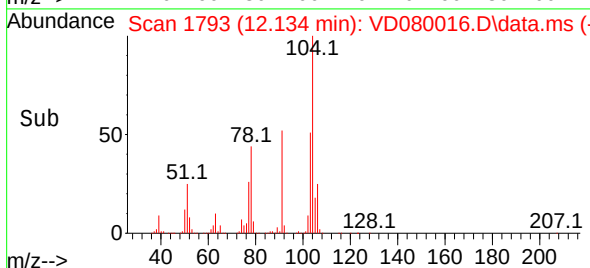
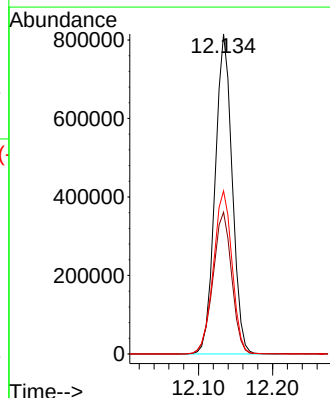
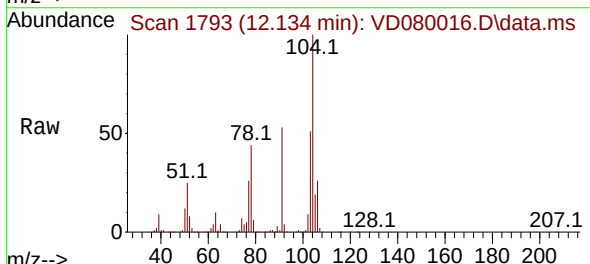
Instrument :
MSVOA_D
ClientSampleId :

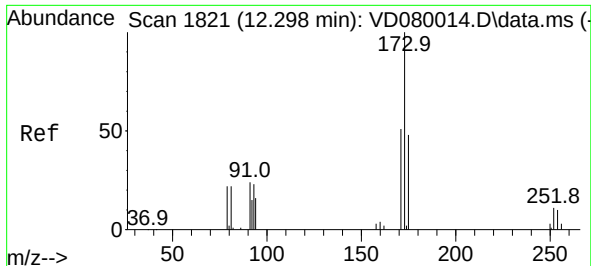
Tgt Ion:106 Resp: 746360
Ion Ratio Lower Upper
106 100
91 212.3 105.8 317.6



#70
Styrene
Concen: 169.422 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion:104 Resp: 1305941
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.6
103 55.6 45.4 68.0

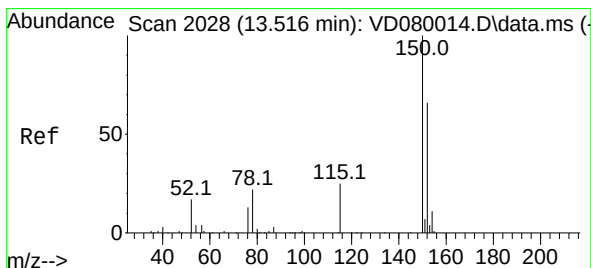
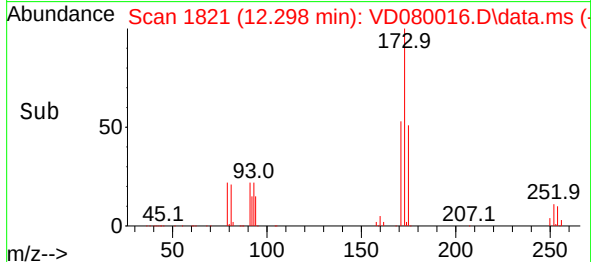
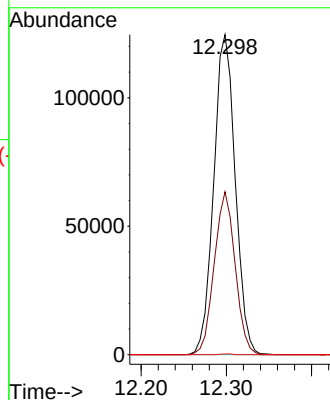
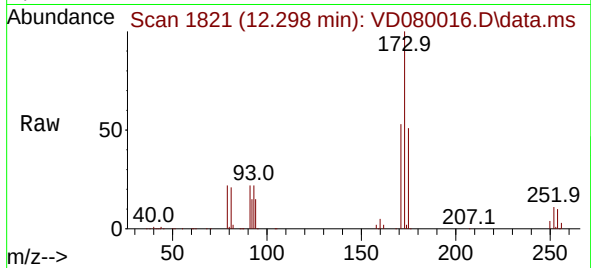




#71
Bromoform
Concen: 148.964 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

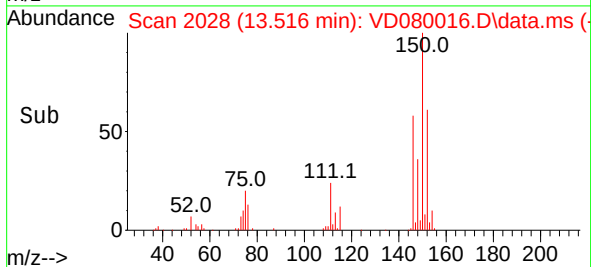
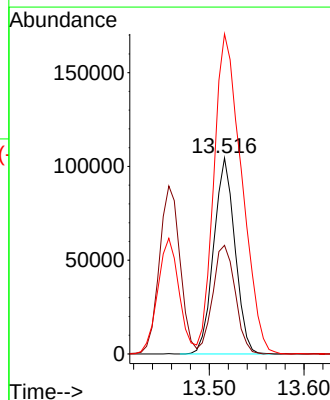
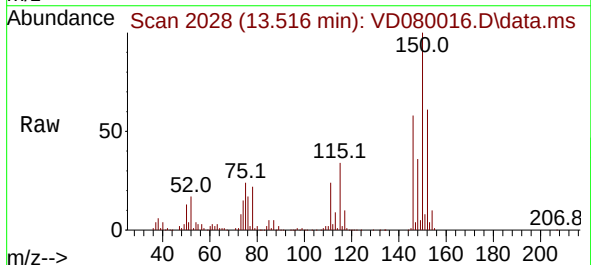
Instrument :
MSVOA_D
ClientSampleId :

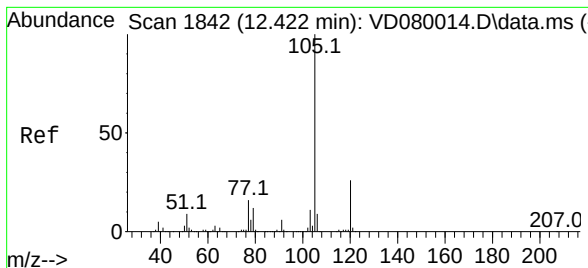
Tgt Ion:173 Resp: 218732
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion:152 Resp: 162875
Ion Ratio Lower Upper
152 100
115 58.7 28.7 86.3
150 213.4 0.0 353.8





#73

Isopropylbenzene

Concen: 175.935 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

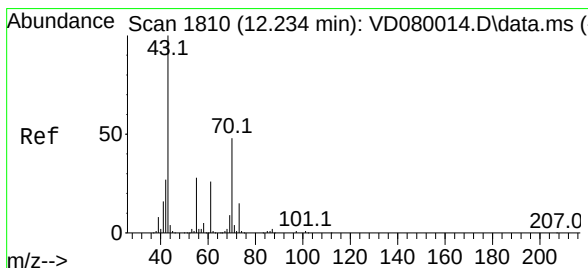
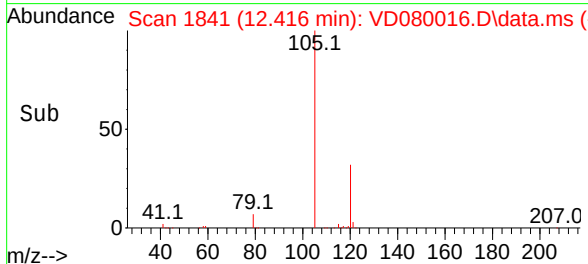
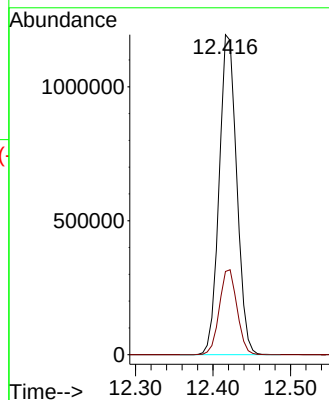
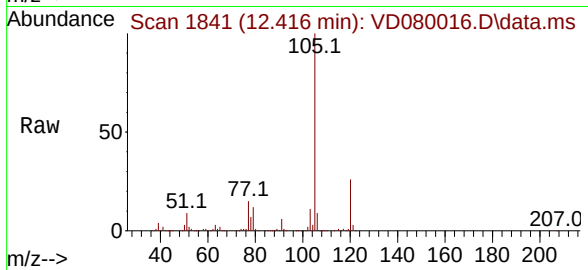
ClientSampleId :

Tgt Ion:105 Resp: 1882432

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 166.138 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Tgt Ion: 43 Resp: 379420

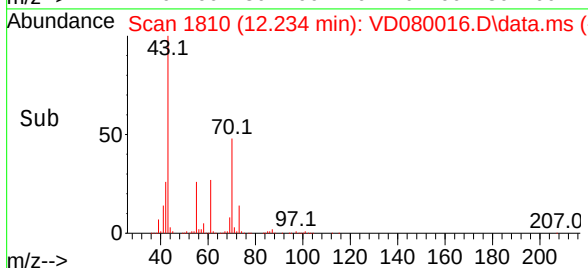
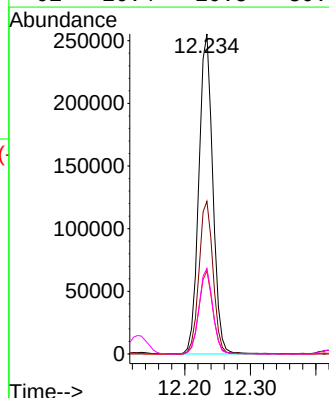
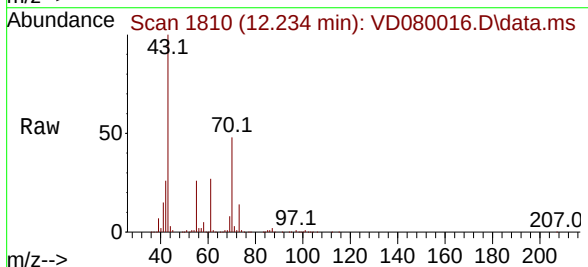
Ion Ratio Lower Upper

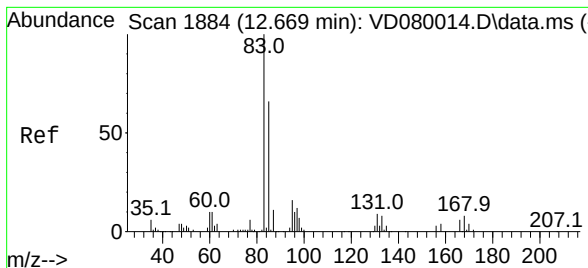
43 100

70 47.9 37.4 56.0

55 26.0 21.8 32.8

61 26.4 20.5 30.7

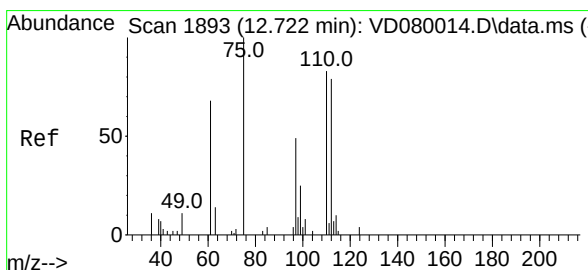
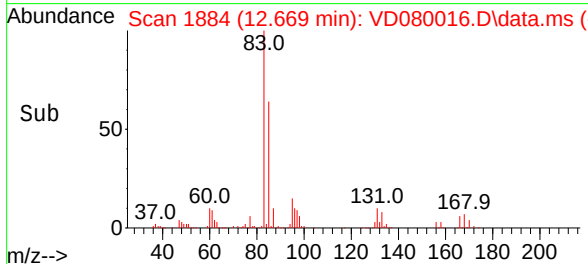
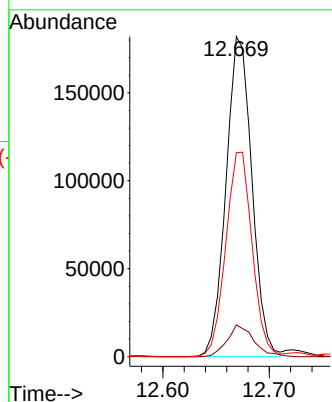
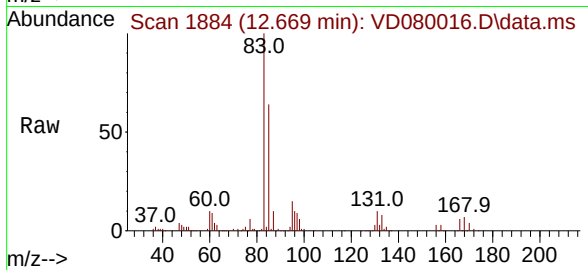




#75
1,1,2,2-Tetrachloroethane
Concen: 148.981 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

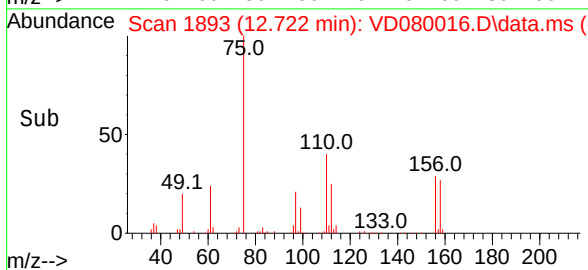
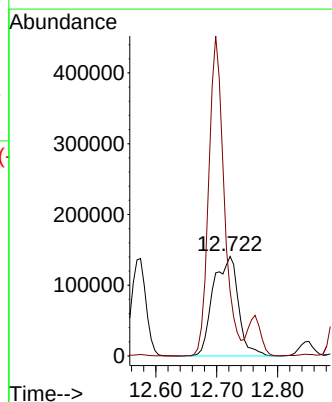
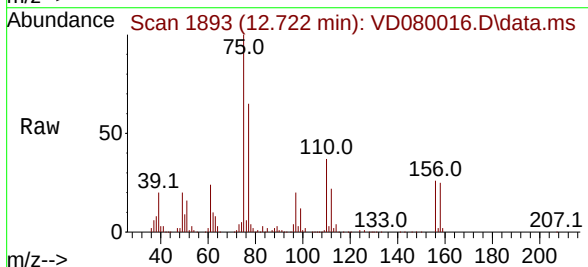
Instrument :
MSVOA_D
ClientSampleId :

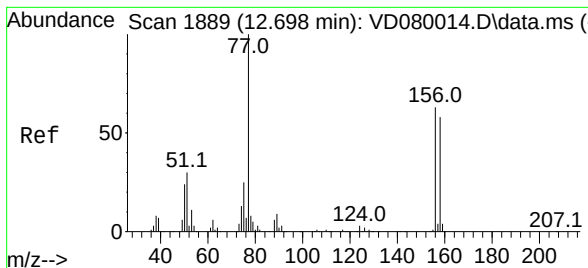
Tgt Ion: 83 Resp: 308208
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 65.1 31.2 93.6



#76
1,2,3-Trichloropropane
Concen: 290.367 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 75 Resp: 403257
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 165.156 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

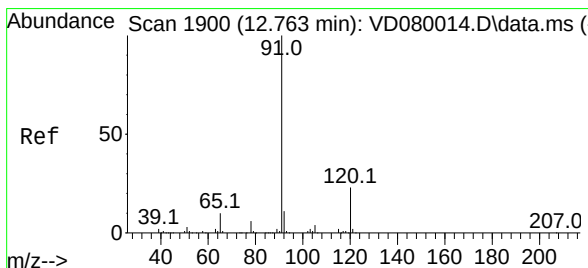
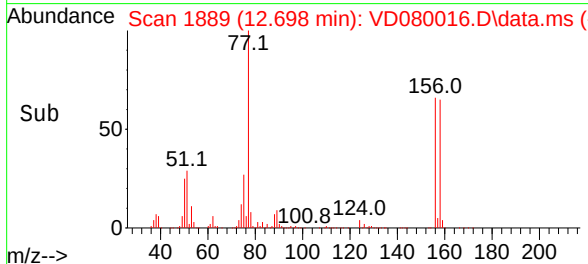
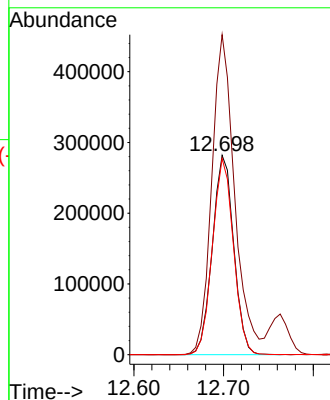
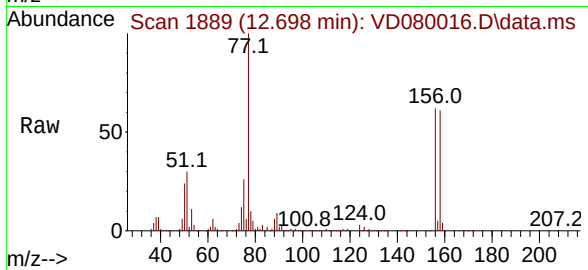
Tgt Ion:156 Resp: 465296

Ion Ratio Lower Upper

156 100

77 171.1 84.9 254.6

158 97.2 47.8 143.3



#78

n-propylbenzene

Concen: 170.541 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD080016.D

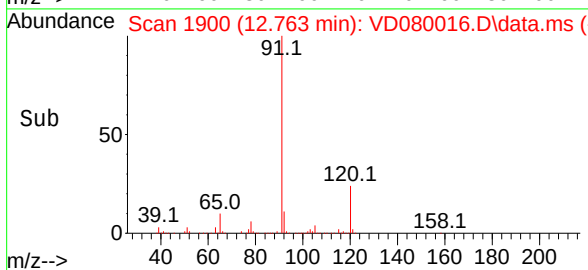
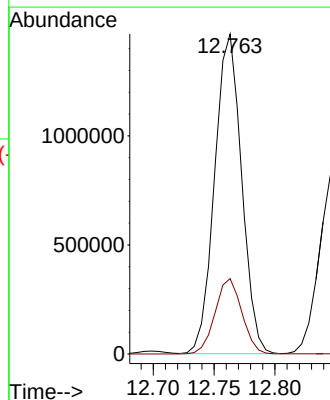
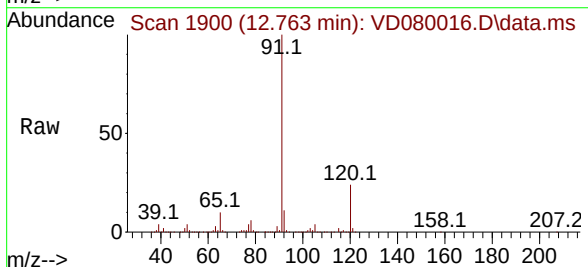
Acq: 14 Nov 2024 20:16

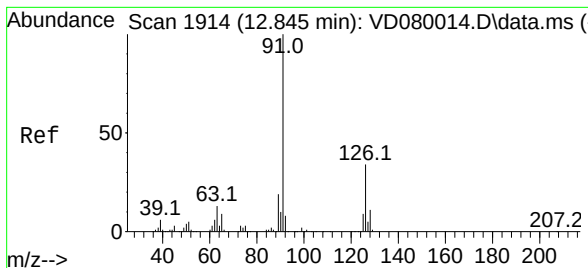
Tgt Ion: 91 Resp: 2258034

Ion Ratio Lower Upper

91 100

120 23.3 11.4 34.1





#79

2-Chlorotoluene

Concen: 168.224 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

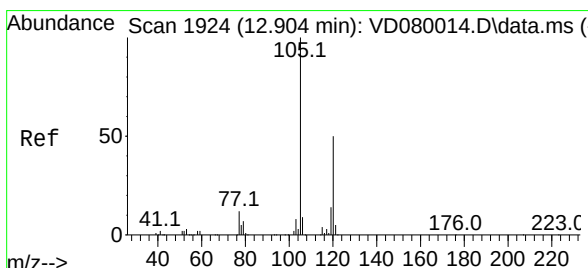
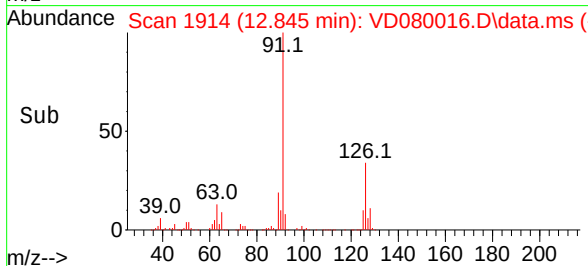
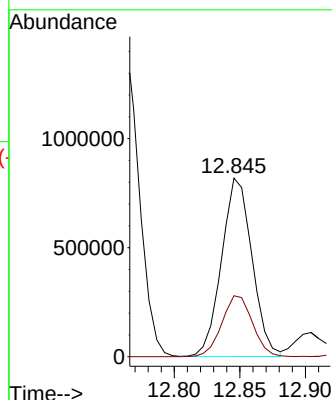
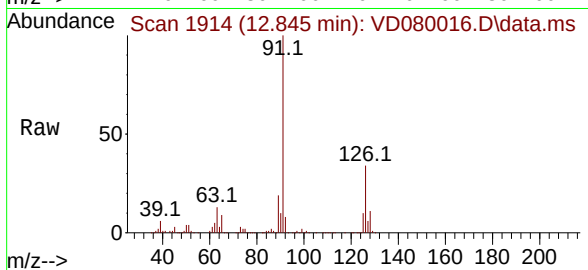
ClientSampleId :

Tgt Ion: 91 Resp: 1323867

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 175.671 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080016.D

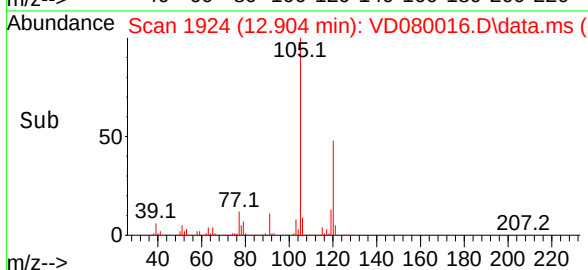
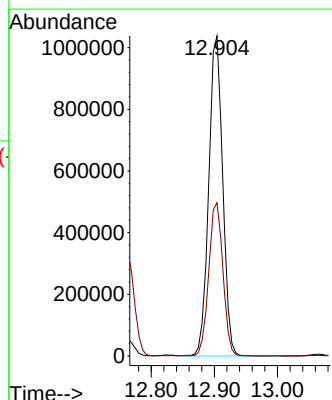
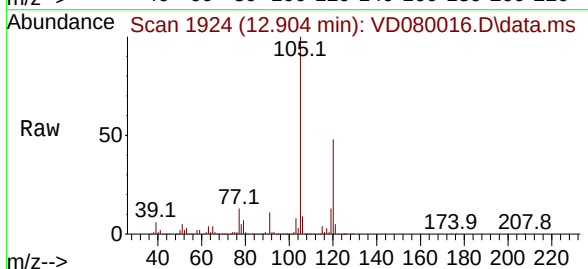
Acq: 14 Nov 2024 20:16

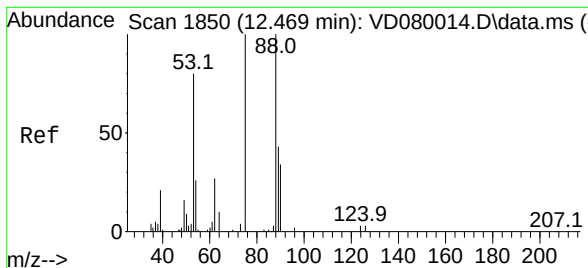
Tgt Ion:105 Resp: 1589836

Ion Ratio Lower Upper

105 100

120 48.6 24.6 74.0

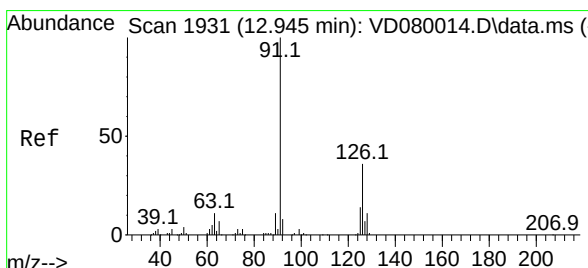
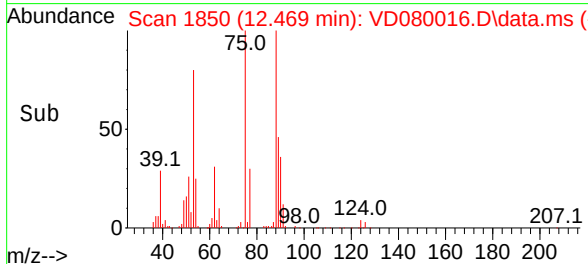
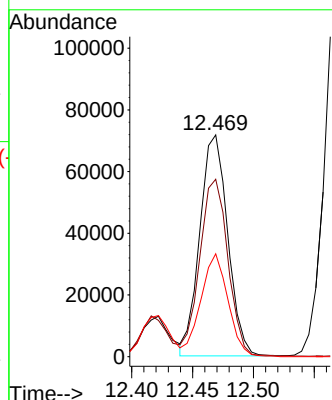
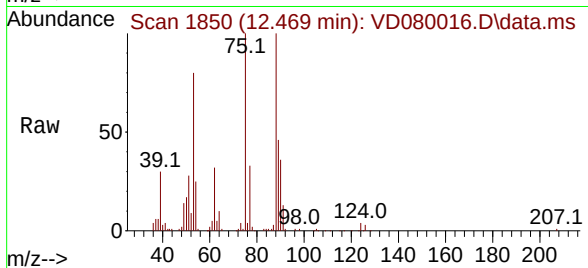




#81
trans-1,4-Dichloro-2-butene
Concen: 159.273 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

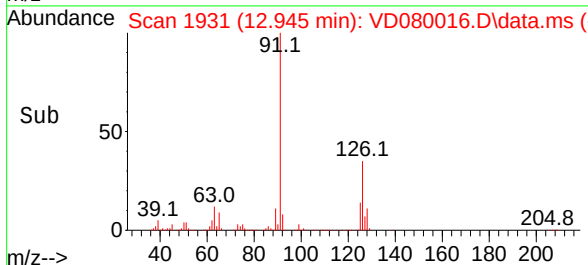
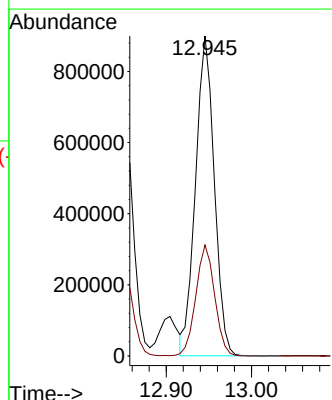
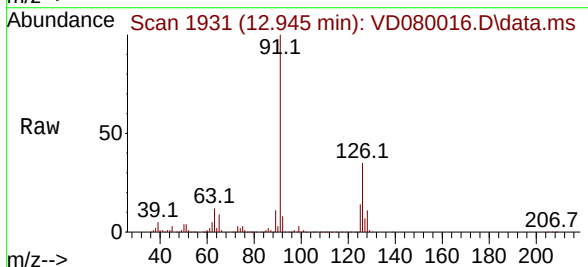
Instrument :
MSVOA_D
ClientSampleId :

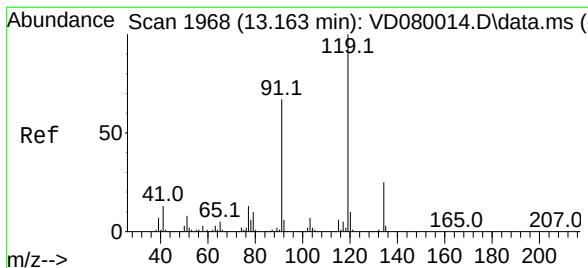
Tgt Ion: 75 Resp: 114374
Ion Ratio Lower Upper
75 100
53 81.1 66.7 100.1
89 45.6 37.7 56.5



#82
4-Chlorotoluene
Concen: 164.640 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion: 91 Resp: 1375857
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.3





#83

tert-Butylbenzene

Concen: 173.592 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

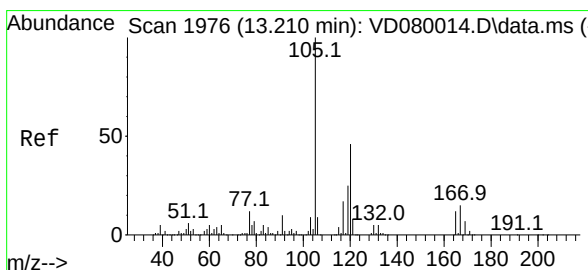
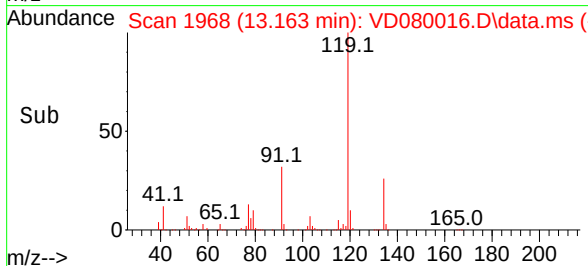
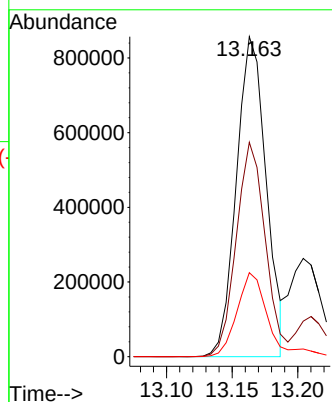
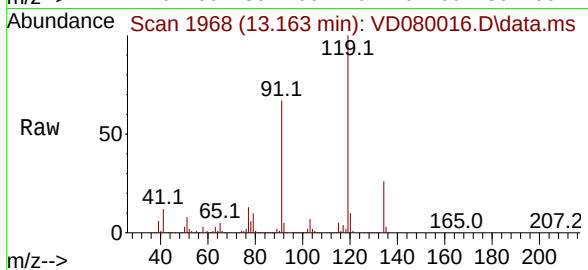
Tgt Ion:119 Resp: 1355624

Ion Ratio Lower Upper

119 100

91 65.5 31.4 94.3

134 27.4 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 177.107 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080016.D

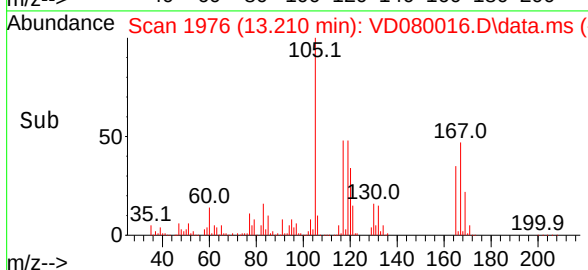
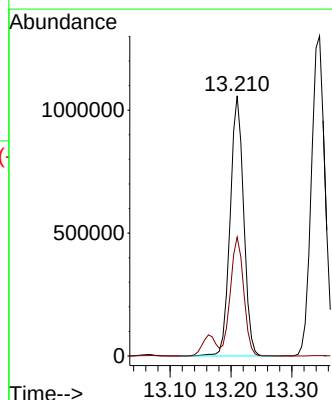
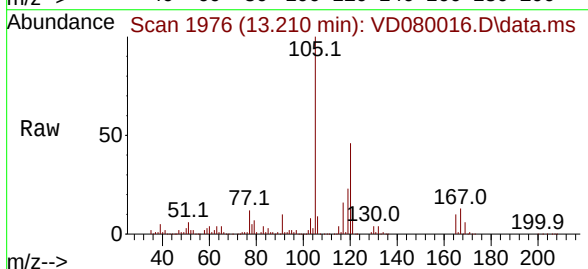
Acq: 14 Nov 2024 20:16

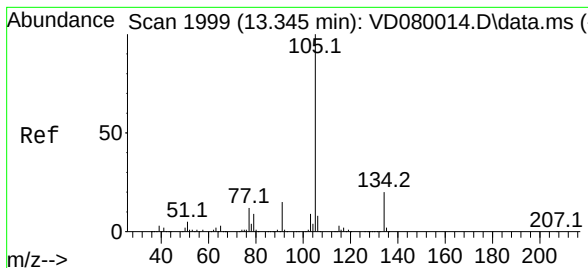
Tgt Ion:105 Resp: 1629451

Ion Ratio Lower Upper

105 100

120 45.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 172.819 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

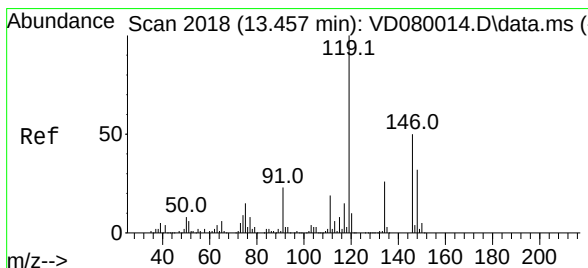
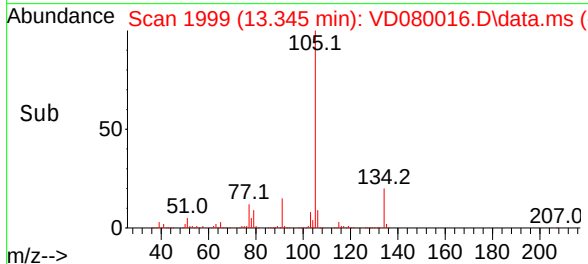
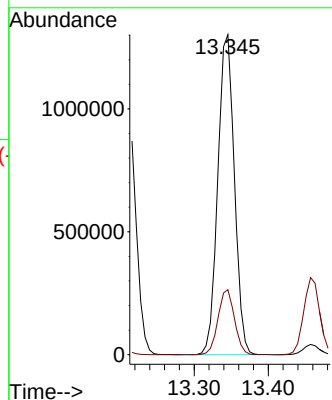
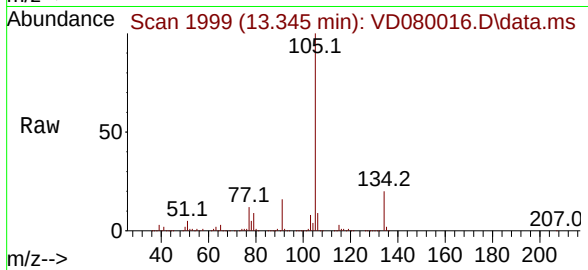
ClientSampleId :

Tgt Ion:105 Resp: 2021516

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 175.926 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

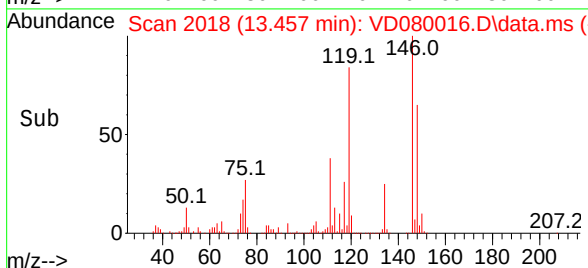
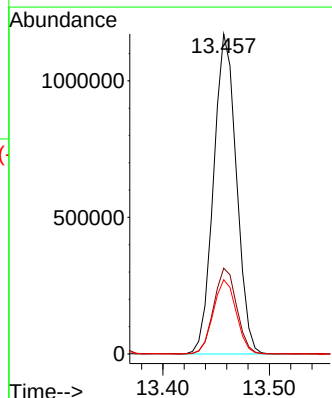
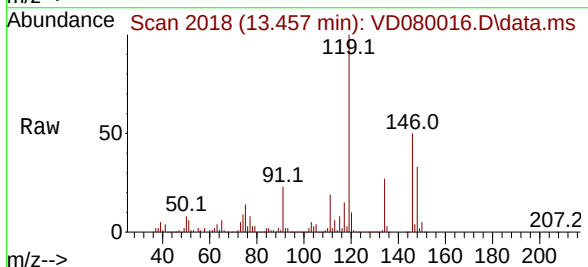
Tgt Ion:119 Resp: 1745948

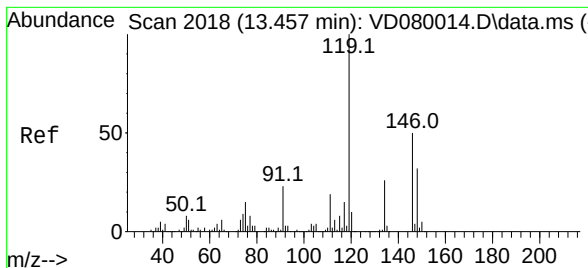
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 23.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 160.215 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

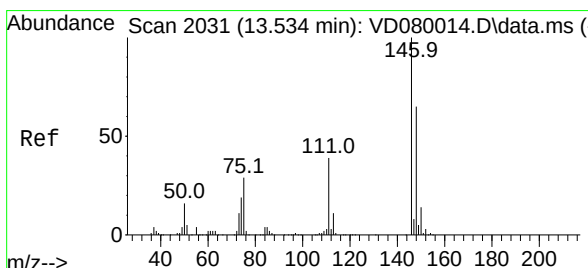
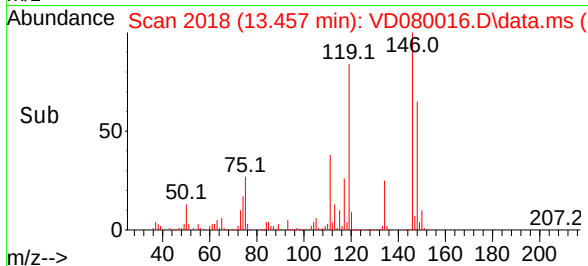
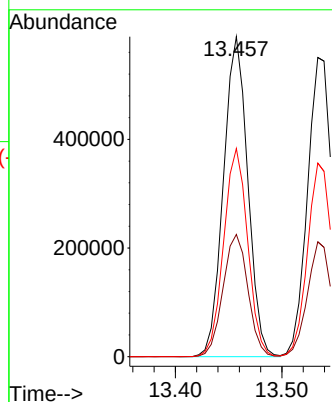
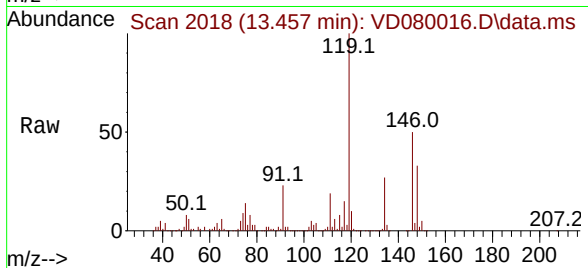
Tgt Ion:146 Resp: 933982

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.1

148 64.3 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 153.445 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

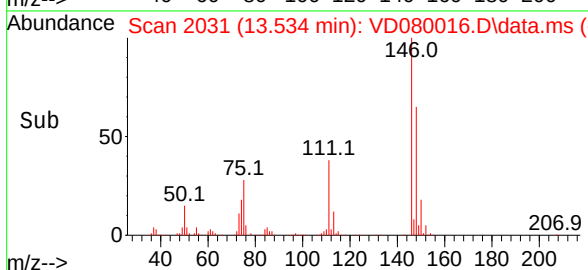
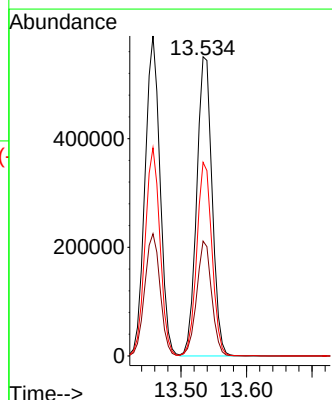
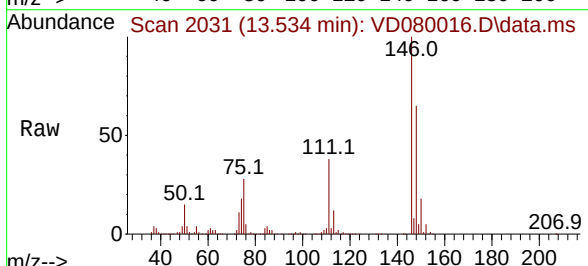
Tgt Ion:146 Resp: 900608

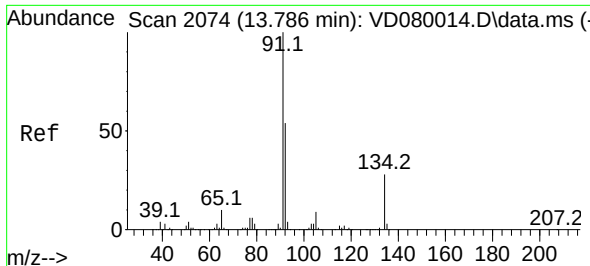
Ion Ratio Lower Upper

146 100

111 37.2 19.0 57.0

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 173.733 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD080016.D

Acq: 14 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

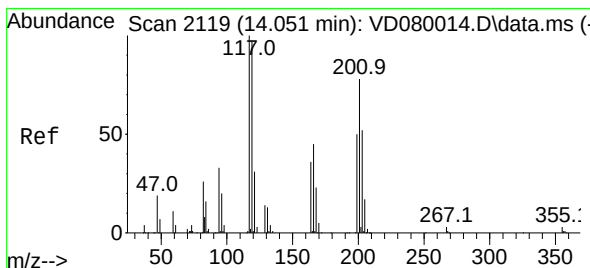
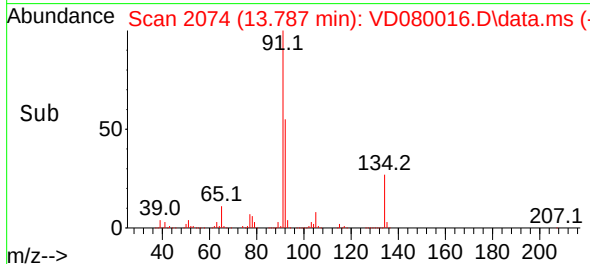
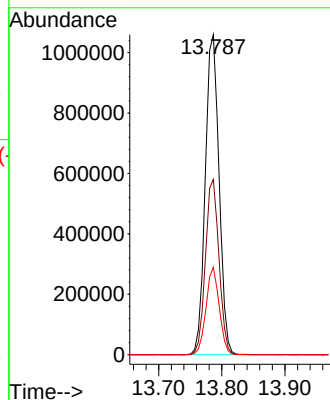
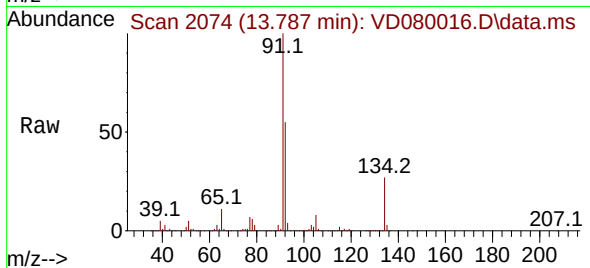
Tgt Ion: 91 Resp: 1602847

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.6

134 26.2 13.6 40.7



#90

Hexachloroethane

Concen: 157.232 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD080016.D

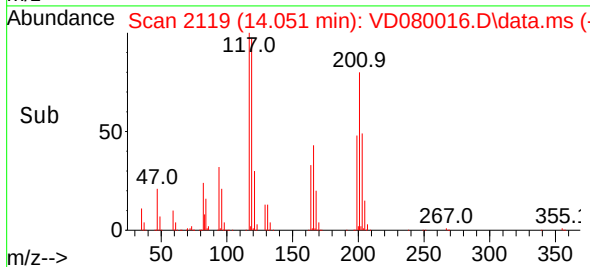
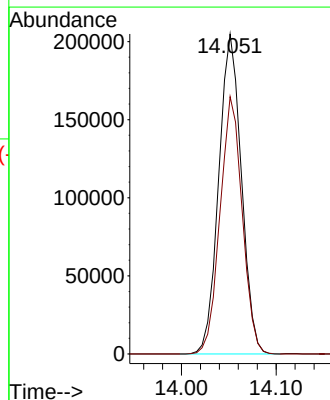
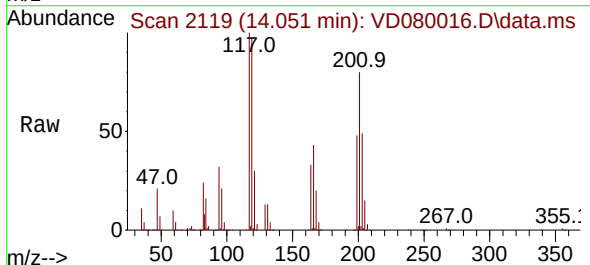
Acq: 14 Nov 2024 20:16

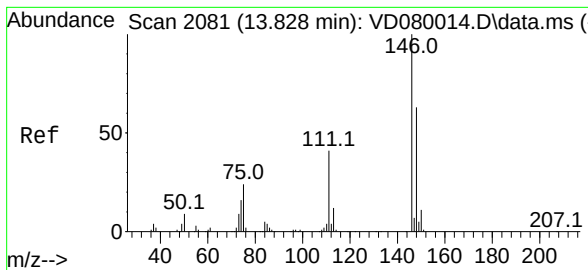
Tgt Ion:117 Resp: 340255

Ion Ratio Lower Upper

117 100

201 78.9 40.5 121.5

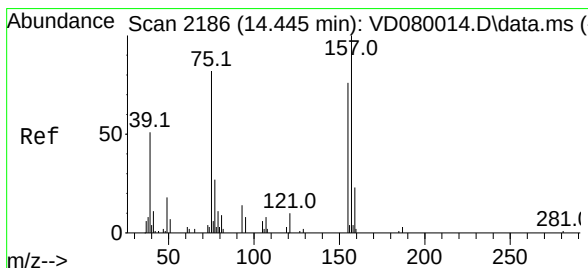
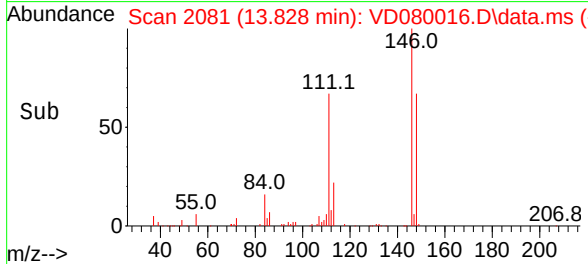
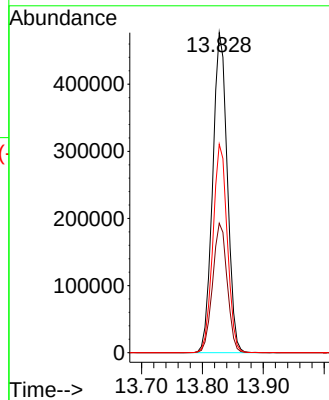
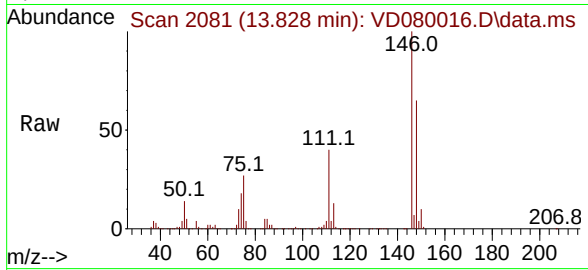




#91
1,2-Dichlorobenzene
Concen: 155.606 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

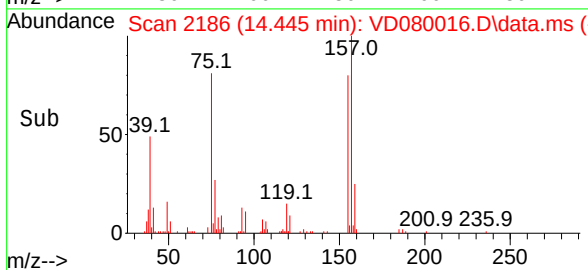
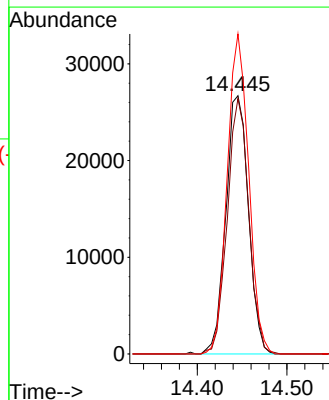
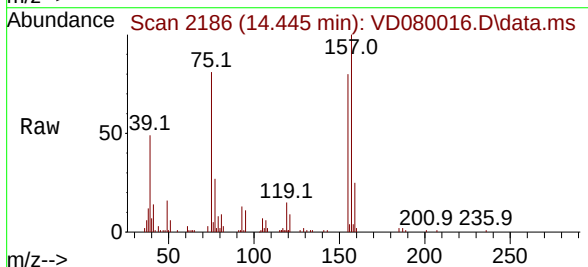
Instrument :
MSVOA_D
ClientSampleId :

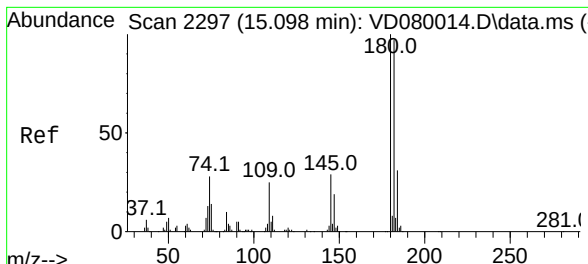
Tgt Ion:	146	Resp:	792989
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.0	59.9
148	64.2	31.9	95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 148.171 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion:	75	Resp:	46800
Ion Ratio	Lower	Upper	
75	100		
155	93.8	45.6	136.8
157	117.3	59.4	178.1

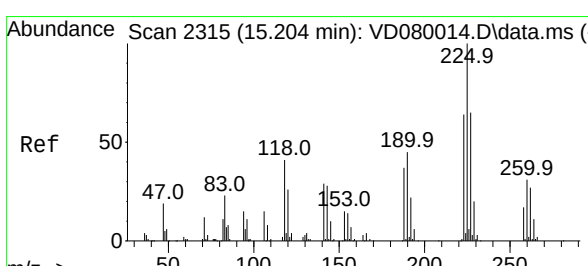
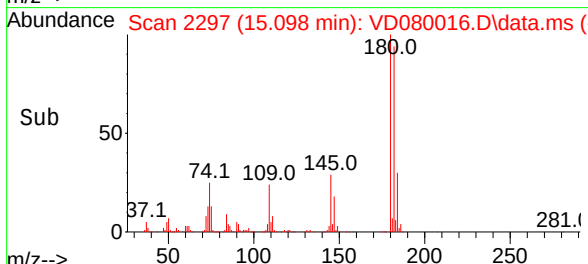
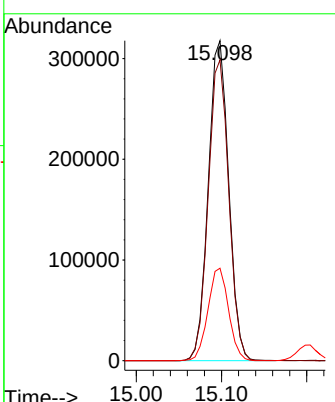
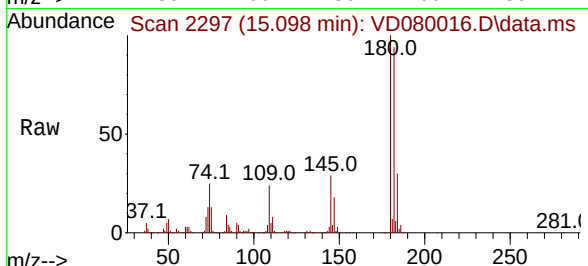




#93
 1,2,4-Trichlorobenzene
 Concen: 169.303 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD080016.D
 Acq: 14 Nov 2024 20:16

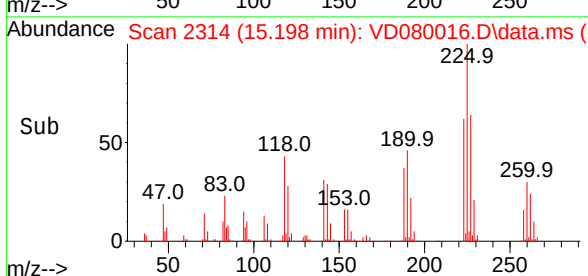
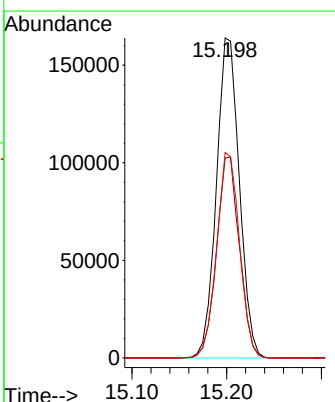
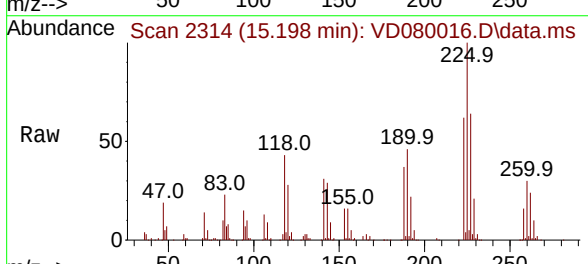
Instrument :
 MSVOA_D
 ClientSampleId :

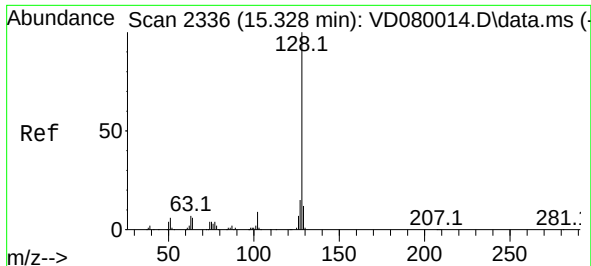
Tgt Ion:	180	Resp:	528877
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.9	140.6
145	29.2	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 161.248 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD080016.D
 Acq: 14 Nov 2024 20:16

Tgt Ion:	225	Resp:	276433
Ion Ratio	Lower	Upper	
225	100		
223	62.5	32.0	96.2
227	63.9	32.2	96.6

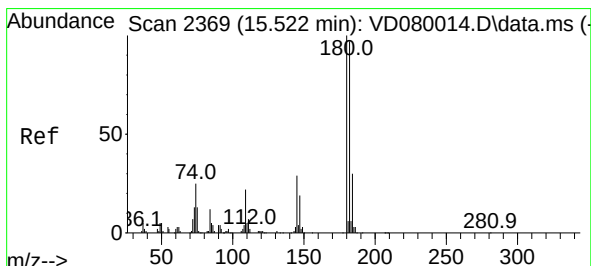
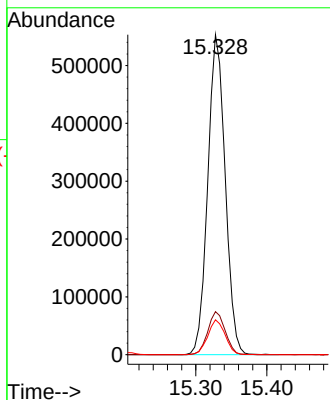
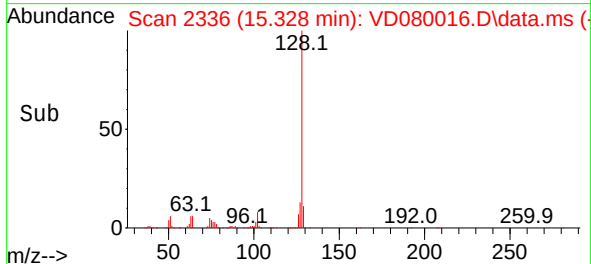
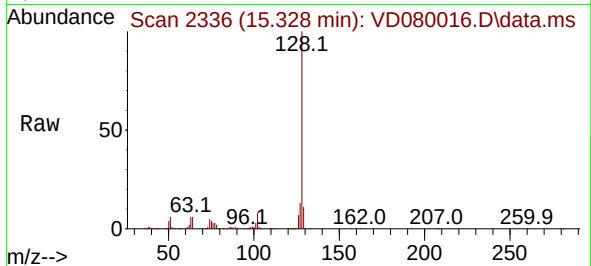




#95
Naphthalene
Concen: 179.418 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 943663
Ion Ratio Lower Upper
128 100
127 13.4 11.8 17.6
129 10.9 9.4 14.2



#96
1,2,3-Trichlorobenzene
Concen: 170.776 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD080016.D
Acq: 14 Nov 2024 20:16

Tgt Ion:180 Resp: 463992
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 31.0 15.4 46.2

