

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078907.D
 Acq On : 13 May 2024 11:17
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 14 06:07:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	136348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	224187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108496	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	26497	20.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.440%#
35) Dibromofluoromethane	7.804	113	29648	19.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.740%#
50) Toluene-d8	10.269	98	111076	19.854	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	39.700%#
62) 4-Bromofluorobenzene	12.575	95	30858	19.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.260%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	25364	19.908	ug/l	97
3) Chloromethane	2.152	50	39466	21.317	ug/l	91
4) Vinyl Chloride	2.287	62	57354	20.606	ug/l	97
5) Bromomethane	2.687	94	57745	22.088	ug/l	99
6) Chloroethane	2.834	64	49545	20.315	ug/l	96
7) Trichlorofluoromethane	3.175	101	46108	17.267	ug/l	97
8) Diethyl Ether	3.593	74	12422	19.963	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	28291	20.064	ug/l	96
10) Methyl Iodide	4.163	142	33292	19.762	ug/l	97
11) Tert butyl alcohol	5.058	59	5750	102.678	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	27372	19.831	ug/l	92
13) Acrolein	3.793	56	11942	93.798	ug/l	86
14) Allyl chloride	4.563	41	26011	19.313	ug/l	94
15) Acrylonitrile	5.252	53	23984	97.016	ug/l	95
16) Acetone	4.022	43	17122	83.963	ug/l	98
17) Carbon Disulfide	4.269	76	91106	21.640	ug/l	100
18) Methyl Acetate	4.569	43	9322	19.854	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	50523	18.786	ug/l	93
20) Methylene Chloride	4.810	84	38123	19.993	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	30058	19.538	ug/l	97
22) Diisopropyl ether	6.216	45	59260	19.453	ug/l	98
23) Vinyl Acetate	6.157	43	176681	96.699	ug/l	99
24) 1,1-Dichloroethane	6.110	63	46780	19.372	ug/l	99
25) 2-Butanone	7.087	43	24451	89.650	ug/l	92
26) 2,2-Dichloropropane	7.069	77	41290	19.456	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	34264	18.967	ug/l	97
28) Bromochloromethane	7.422	49	16376	20.334	ug/l	95
29) Tetrahydrofuran	7.446	42	16099	102.052	ug/l	94
30) Chloroform	7.593	83	54948	20.089	ug/l	95
31) Cyclohexane	7.881	56	37219	19.919	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	45917	19.603	ug/l	99
36) 1,1-Dichloropropene	8.004	75	36890	19.865	ug/l	99
37) Ethyl Acetate	7.169	43	10129	16.004	ug/l #	90
38) Carbon Tetrachloride	7.993	117	41953	19.304	ug/l	88
39) Methylcyclohexane	9.275	83	44270	19.620	ug/l	98
40) Benzene	8.251	78	117716	19.598	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6039	17.733	ug/l	96
42) 1,2-Dichloroethane	8.328	62	30136	20.728	ug/l	96
43) Isopropyl Acetate	8.363	43	21088	18.779	ug/l	99
44) Trichloroethene	9.028	130	31181	19.572	ug/l	98
45) 1,2-Dichloropropane	9.304	63	26309	19.932	ug/l	92
46) Dibromomethane	9.393	93	17323	19.936	ug/l	94
47) Bromodichloromethane	9.587	83	40692	19.455	ug/l	88
48) Methyl methacrylate	9.381	41	10429	19.077	ug/l	89
49) 1,4-Dioxane	9.381	88	2995	391.844	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	57482	96.102	ug/l	98
52) Toluene	10.334	92	75208	19.561	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	35176	19.791	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	40770	19.111	ug/l	90
55) 1,1,2-Trichloroethane	10.734	97	22736	20.253	ug/l	93
56) Ethyl methacrylate	10.598	69	21709	18.796	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	34992	20.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	43338	87.329	ug/l	99
59) 2-Hexanone	10.922	43	38838	93.287	ug/l	98
60) Dibromochloromethane	11.075	129	29393	19.207	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20231	19.765	ug/l	97
64) Tetrachloroethene	10.810	164	25822	19.187	ug/l	92
65) Chlorobenzene	11.604	112	85698	19.422	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	29910	19.608	ug/l	96
67) Ethyl Benzene	11.681	91	137154	19.325	ug/l	95
68) m/p-Xylenes	11.792	106	113017	39.168	ug/l	98
69) o-Xylene	12.122	106	48867	18.577	ug/l	92
70) Styrene	12.134	104	89651	19.230	ug/l	99
71) Bromoform	12.298	173	16647	19.051	ug/l #	99
73) Isopropylbenzene	12.422	105	125272	19.345	ug/l	98
74) N-amyl acetate	12.234	43	20049	19.081	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	23444	20.071	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	27907	36.269	ug/l #	100
77) Bromobenzene	12.698	156	33034	19.399	ug/l	98
78) n-propylbenzene	12.763	91	157455	20.117	ug/l	100
79) 2-Chlorotoluene	12.851	91	84731	19.477	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	107667	20.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7597	19.723	ug/l	99
82) 4-Chlorotoluene	12.945	91	91779	20.110	ug/l	99
83) tert-Butylbenzene	13.169	119	90625	19.046	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	111036	19.925	ug/l	98
85) sec-Butylbenzene	13.345	105	138023	19.446	ug/l	99
86) p-Isopropyltoluene	13.457	119	120796	19.534	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	68121	18.904	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	68999	19.552	ug/l	98
89) n-Butylbenzene	13.786	91	106126	19.153	ug/l	98
90) Hexachloroethane	14.051	117	25202	19.321	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	57221	18.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2778	17.864	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	33857	19.125	ug/l	98
94) Hexachlorobutadiene	15.198	225	17561	18.982	ug/l	98
95) Naphthalene	15.328	128	56949	18.886	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	29584	18.786	ug/l	97

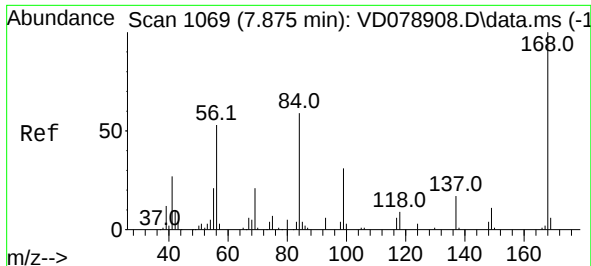
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
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Response via : Initial Calibration

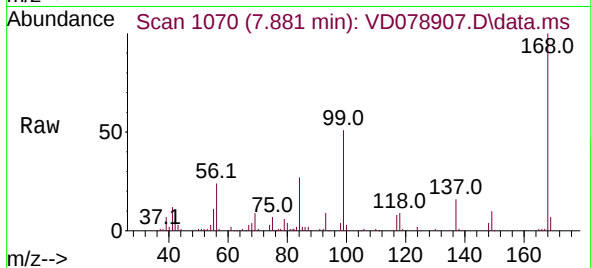
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

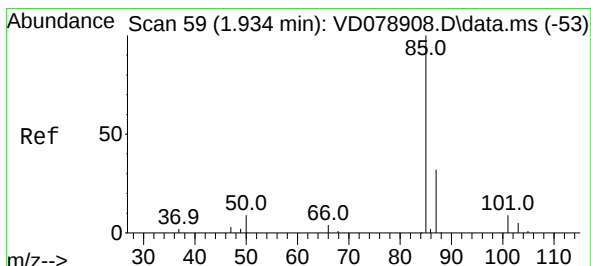
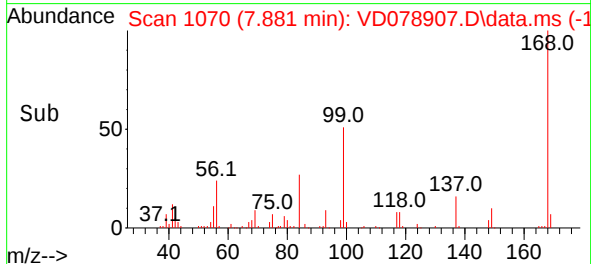
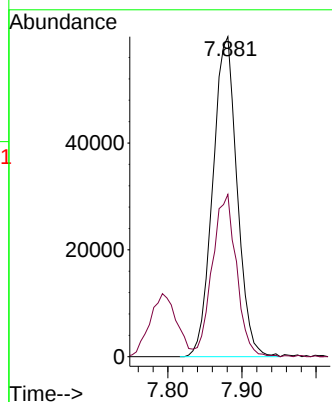


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :

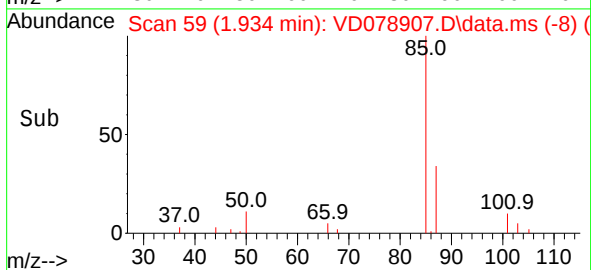
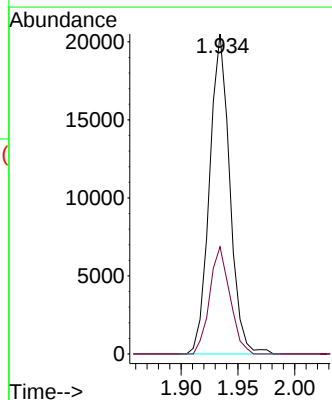
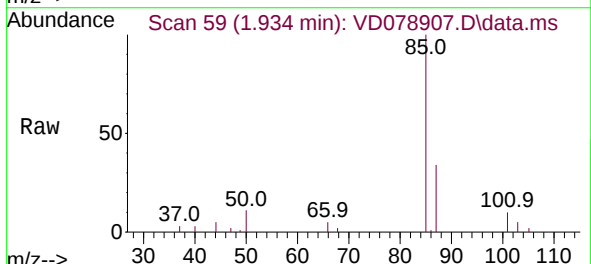


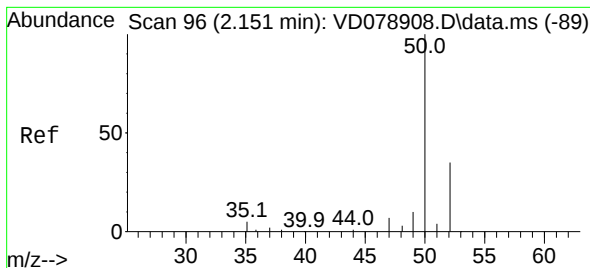
Tgt Ion:168 Resp: 136348
Ion Ratio Lower Upper
168 100
99 50.7 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 19.908 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 85 Resp: 25364
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0





#3

Chloromethane

Concen: 21.317 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.001 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

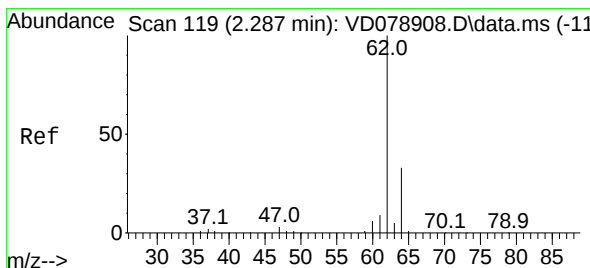
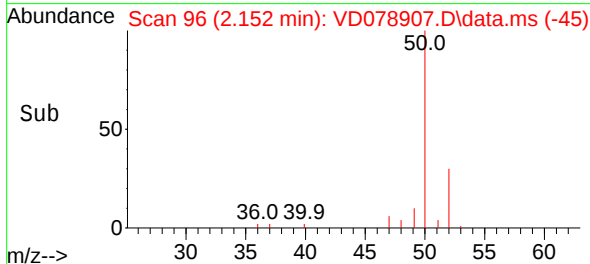
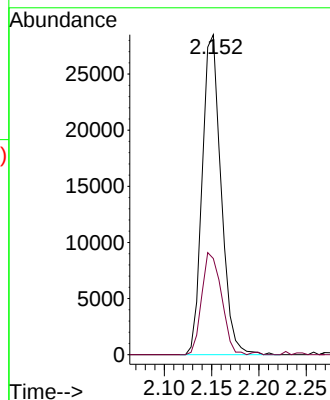
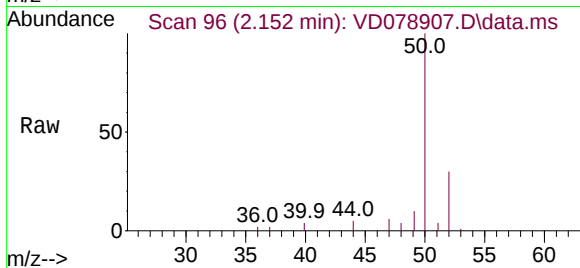
ClientSampleId :

Tgt Ion: 50 Resp: 39466

Ion Ratio Lower Upper

50 100

52 30.0 28.2 42.2



#4

Vinyl Chloride

Concen: 20.606 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078907.D

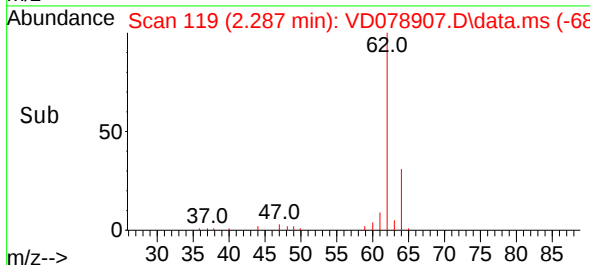
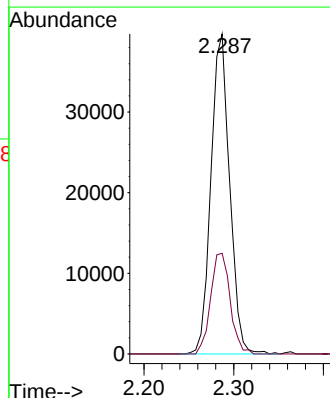
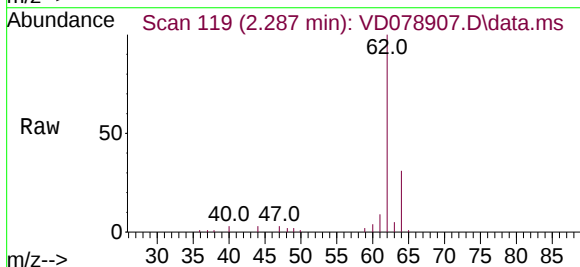
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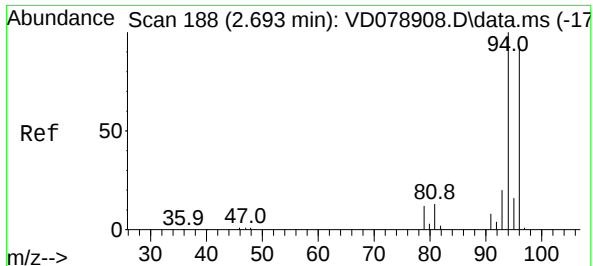
Tgt Ion: 62 Resp: 57354

Ion Ratio Lower Upper

62 100

64 31.5 26.3 39.5

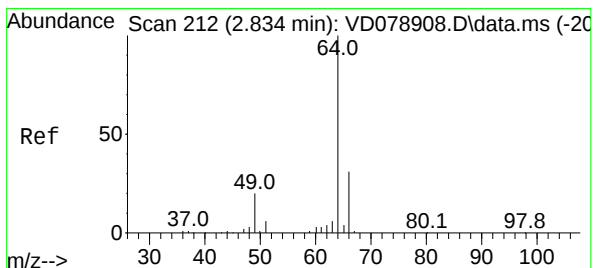
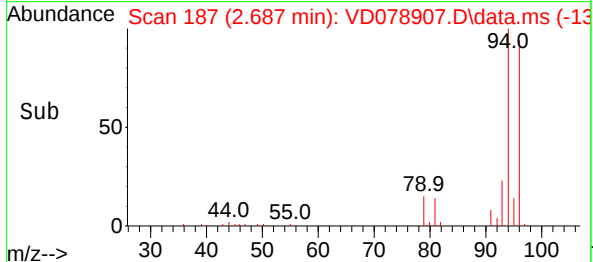
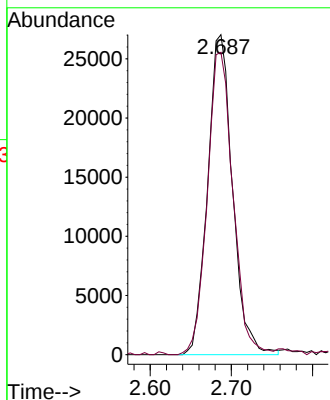
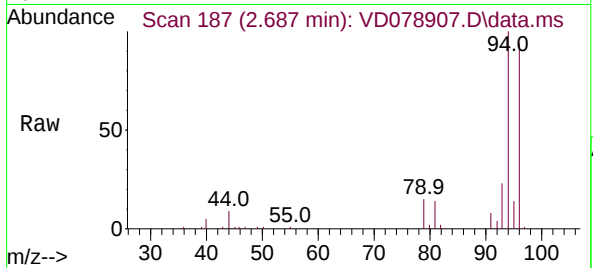




#5
Bromomethane
Concen: 22.088 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

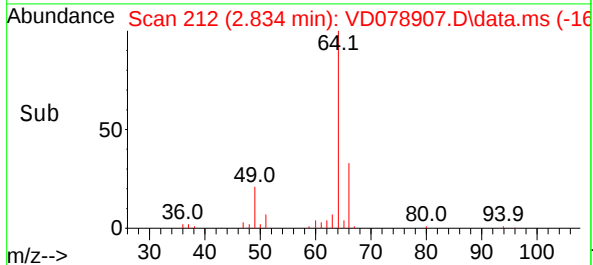
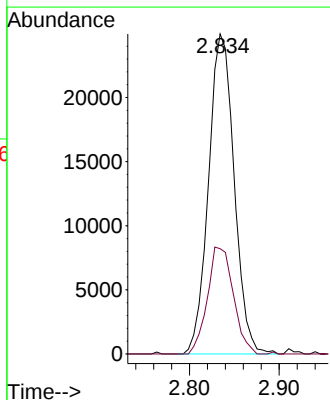
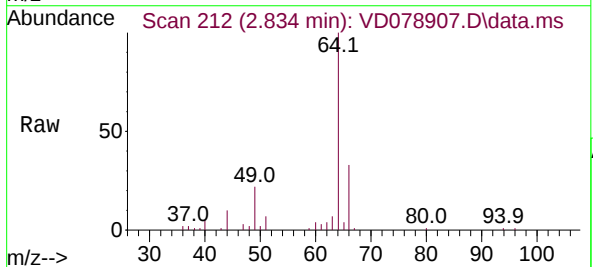
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MSVOA_D
ClientSampleId :

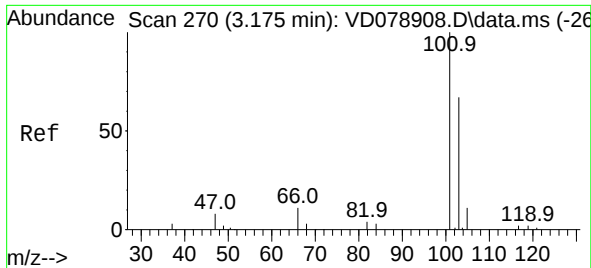
Tgt Ion: 94 Resp: 57745
Ion Ratio Lower Upper
94 100
96 97.2 76.9 115.3



#6
Chloroethane
Concen: 20.315 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 64 Resp: 49545
Ion Ratio Lower Upper
64 100
66 32.9 24.5 36.7

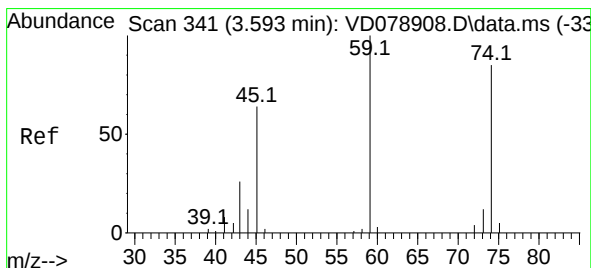
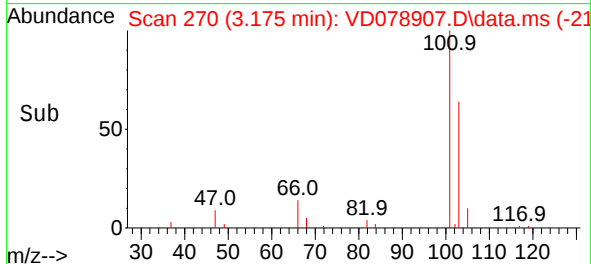
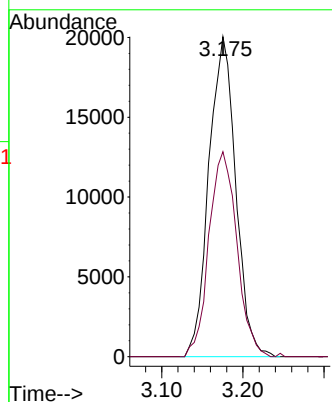
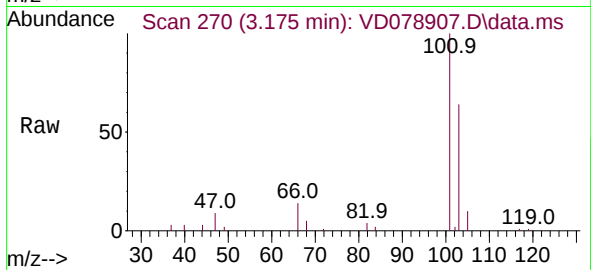




#7
Trichlorofluoromethane
Concen: 17.267 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

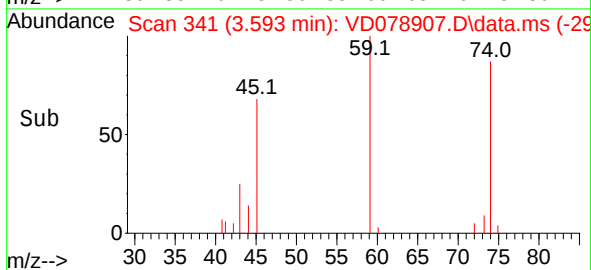
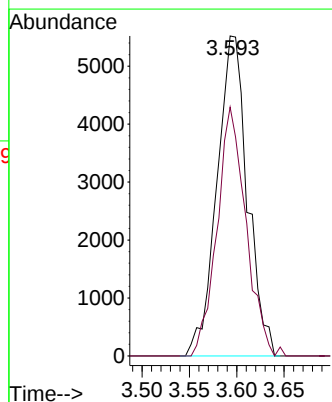
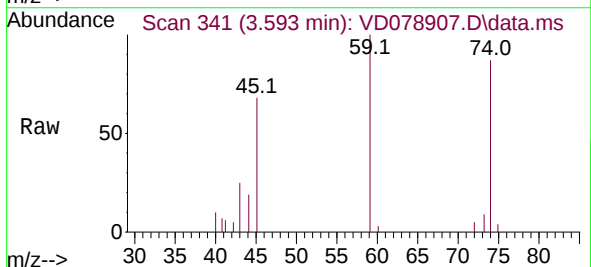
Instrument :
MSVOA_D
ClientSampleId :

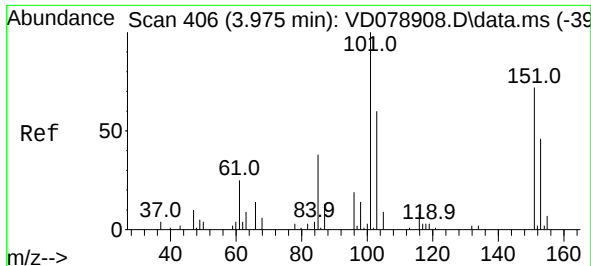
Tgt Ion:101 Resp: 46108
Ion Ratio Lower Upper
101 100
103 64.0 53.2 79.8



#8
Diethyl Ether
Concen: 19.963 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 74 Resp: 12422
Ion Ratio Lower Upper
74 100
45 73.3 37.9 113.6

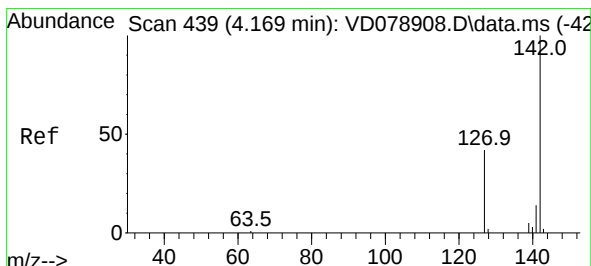
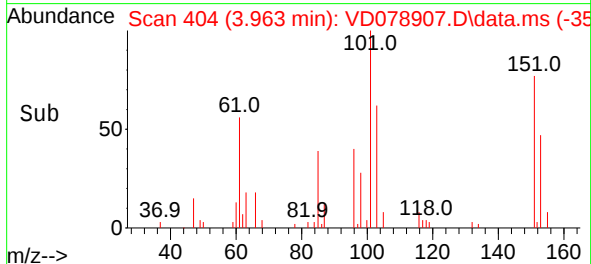
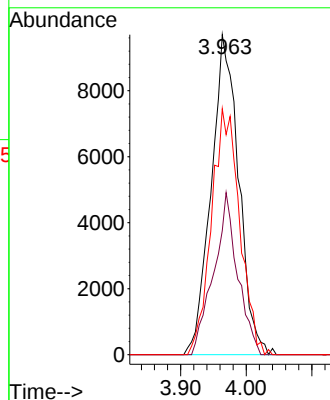
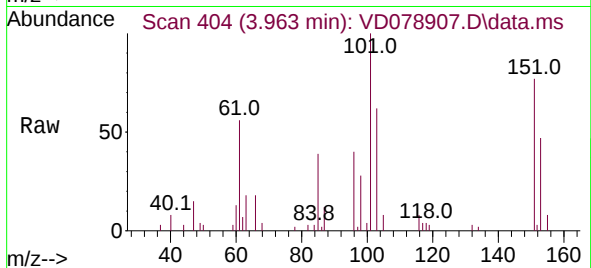




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.064 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.011 min
Lab File: VD078907.D
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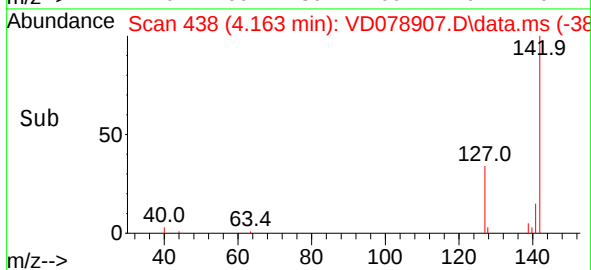
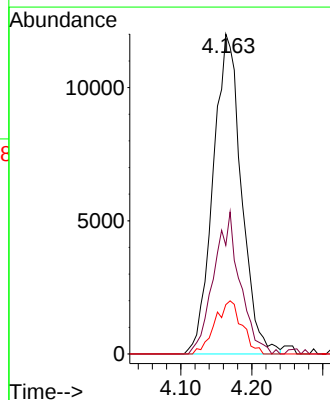
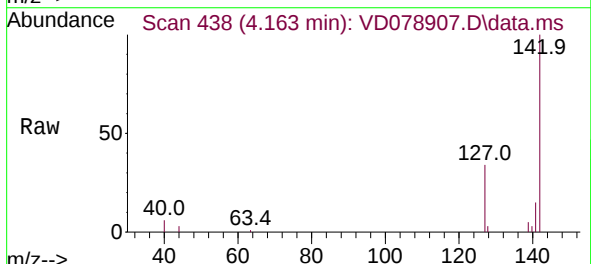
Instrument :
MSVOA_D
ClientSampleId :

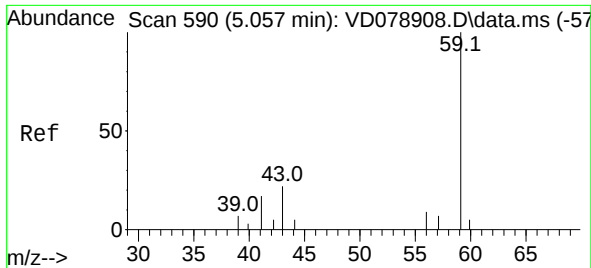
Tgt Ion:101	Resp:	28291
Ion	Ratio	Lower Upper
101	100	
85	44.0	33.5 50.3
151	78.6	60.3 90.5



#10
Methyl Iodide
Concen: 19.762 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

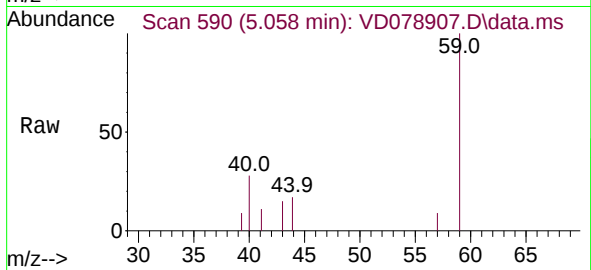
Tgt Ion:142	Resp:	33292
Ion	Ratio	Lower Upper
142	100	
127	41.2	34.2 51.4
141	15.9	11.7 17.5



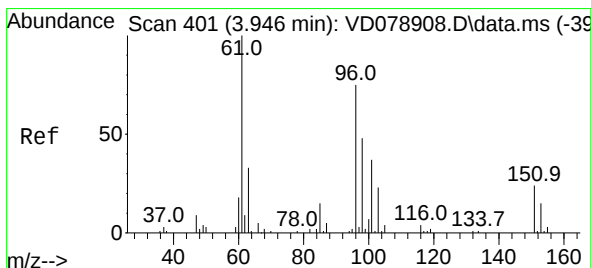
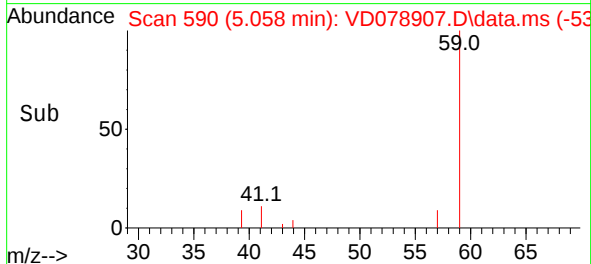
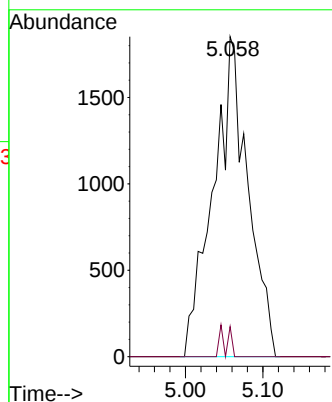


#11
Tert butyl alcohol
Concen: 102.678 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.001 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :

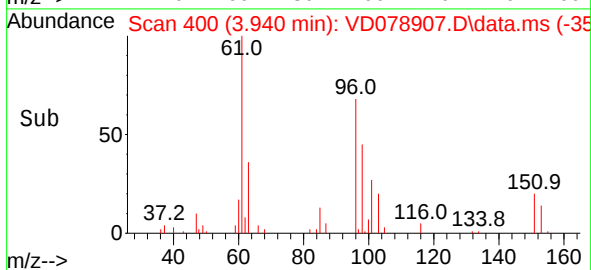
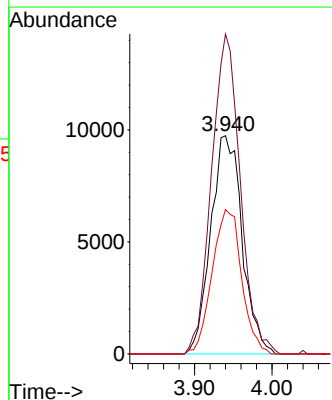
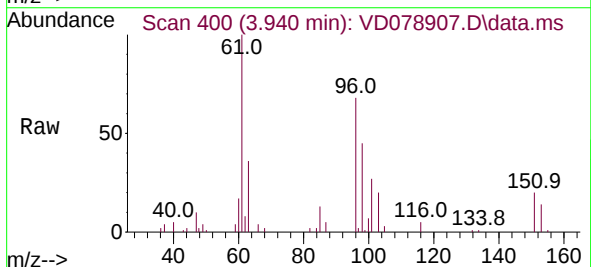


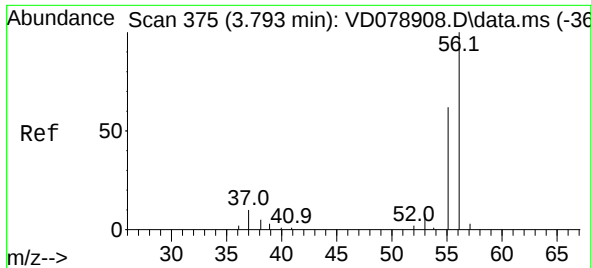
Tgt Ion: 59 Resp: 5750
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 19.831 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

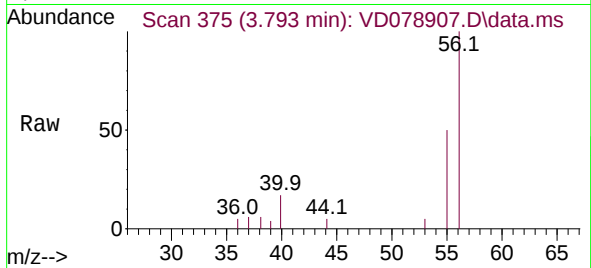
Tgt Ion: 96 Resp: 27372
Ion Ratio Lower Upper
96 100
61 146.6 107.3 160.9
98 66.2 51.7 77.5



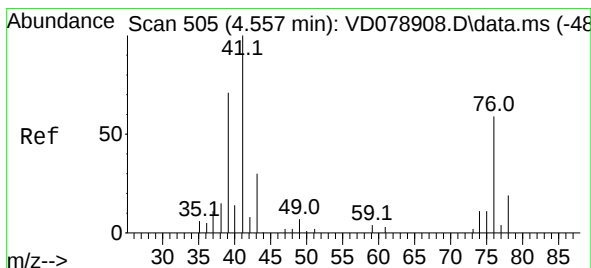
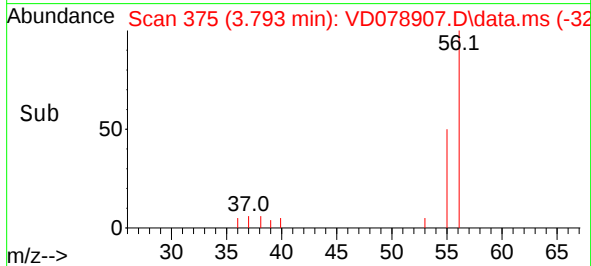
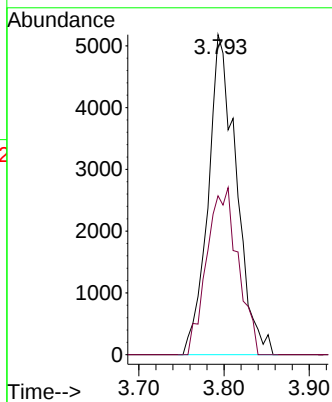


#13
Acrolein
Concen: 93.798 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :

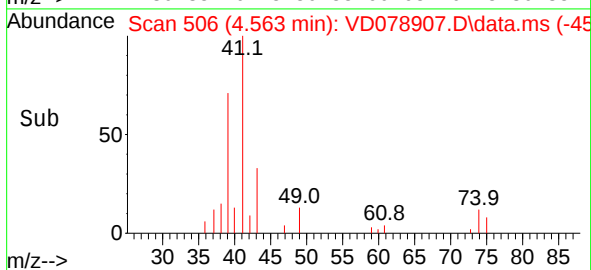
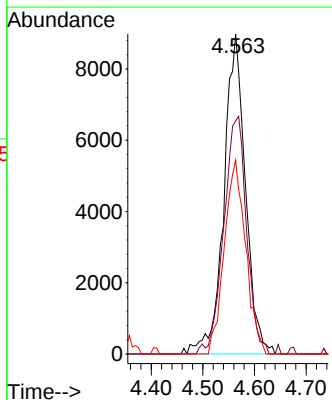
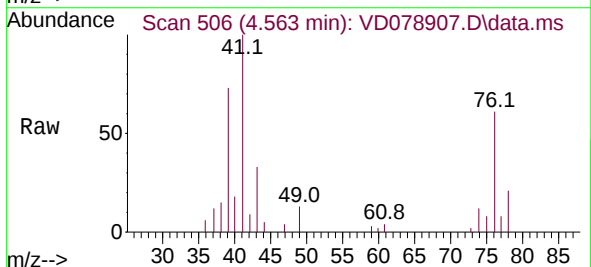


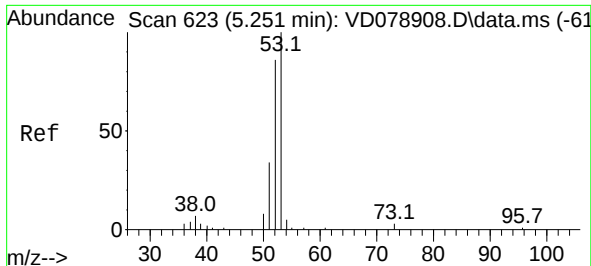
Tgt Ion: 56 Resp: 11942
Ion Ratio Lower Upper
56 100
55 57.4 55.3 82.9



#14
Allyl chloride
Concen: 19.313 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 41 Resp: 26011
Ion Ratio Lower Upper
41 100
39 78.5 58.0 87.0
76 59.9 45.9 68.9





#15

Acrylonitrile

Concen: 97.016 ug/l

RT: 5.252 min Scan# 61

Delta R.T. 0.000 min

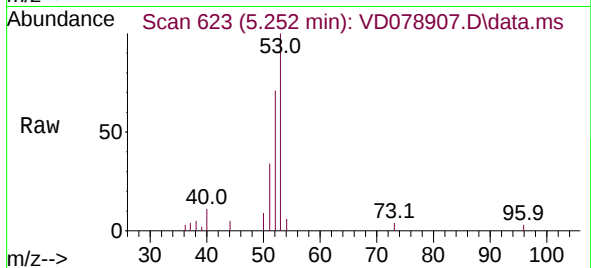
Lab File: VD078907.D

Acq: 13 May 2024 11:17

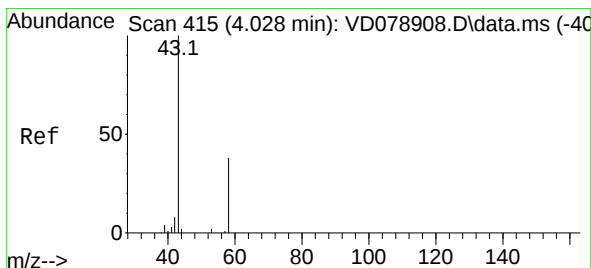
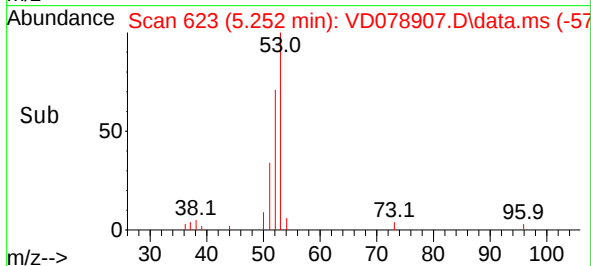
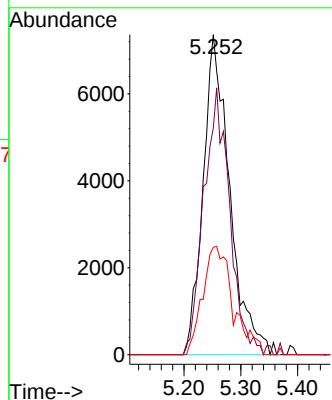
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	53	Resp:	23984
Ion	Ratio	Lower	Upper
53	100		
52	80.7	67.7	101.5
51	38.8	28.6	42.8



#16

Acetone

Concen: 83.963 ug/l

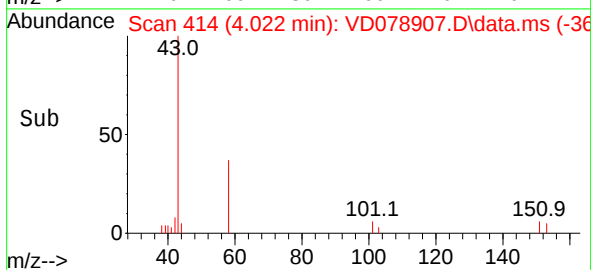
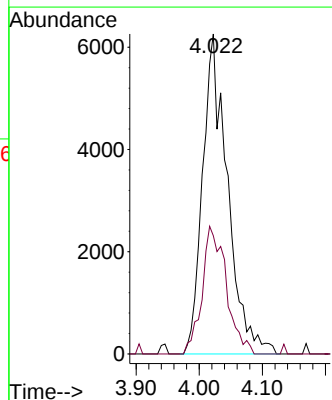
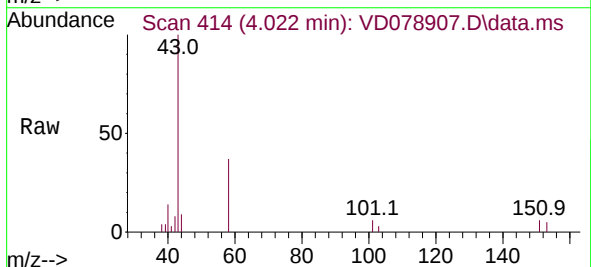
RT: 4.022 min Scan# 414

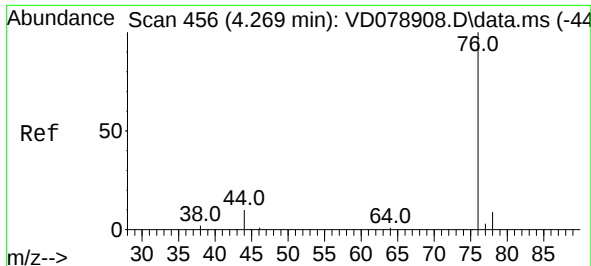
Delta R.T. -0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:	43	Resp:	17122
Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.4	45.6

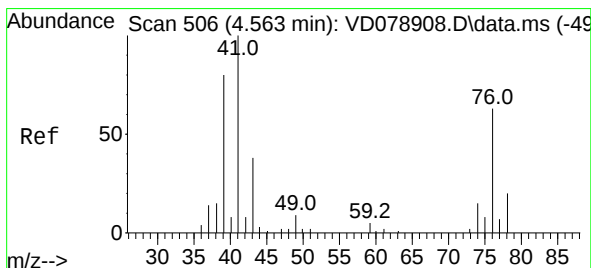
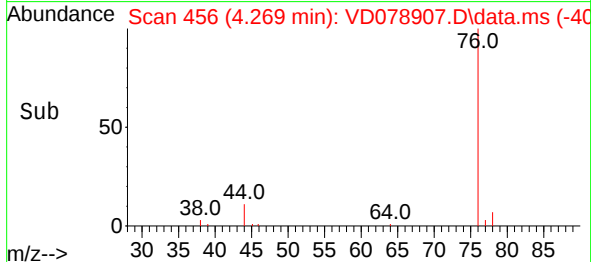
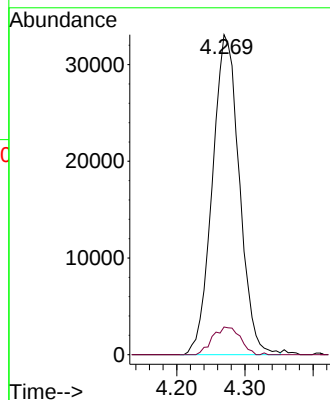
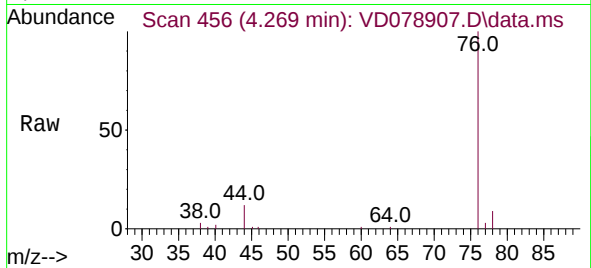




#17
Carbon Disulfide
Concen: 21.640 ug/l
RT: 4.269 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

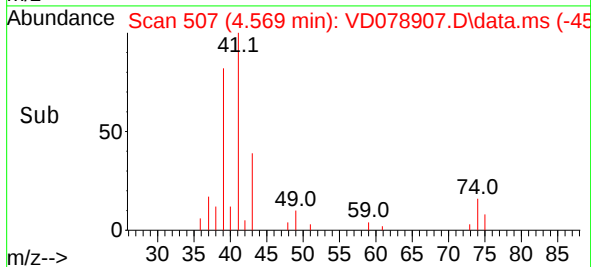
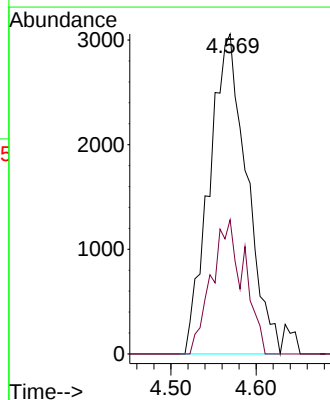
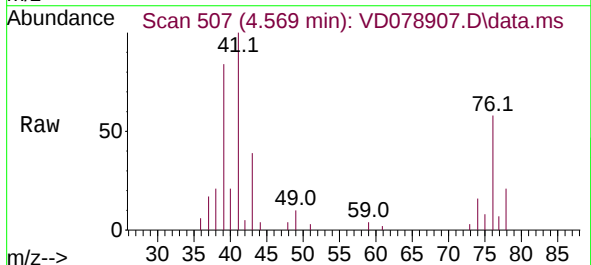
Instrument :
MSVOA_D
ClientSampleId :

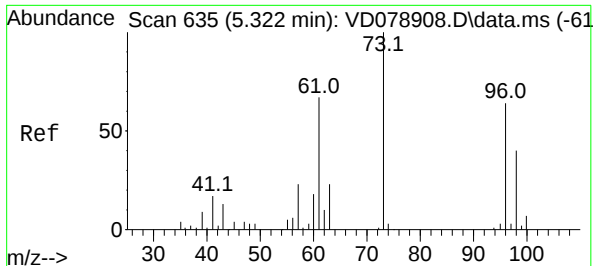
Tgt Ion: 76 Resp: 91106
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 19.854 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 43 Resp: 9322
Ion Ratio Lower Upper
43 100
74 36.6 28.1 42.1

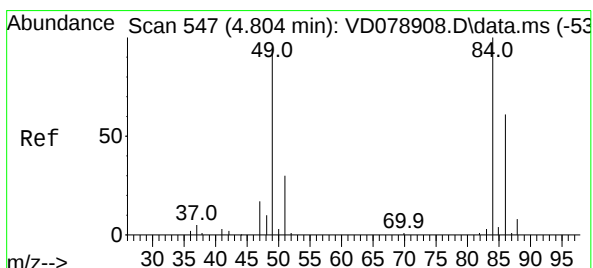
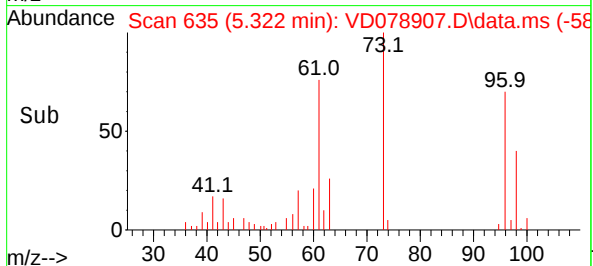
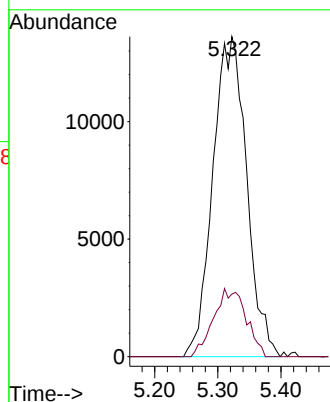
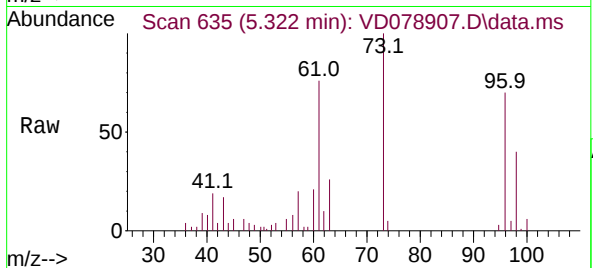




#19
Methyl tert-butyl Ether
Concen: 18.786 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

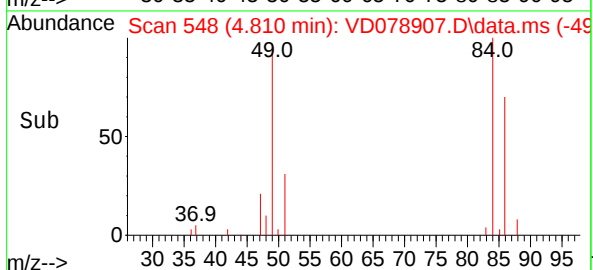
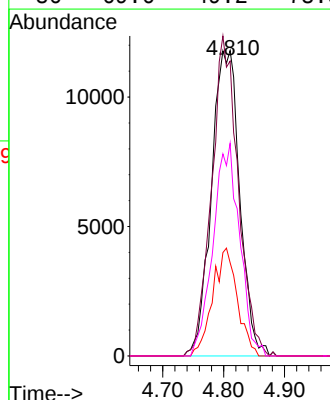
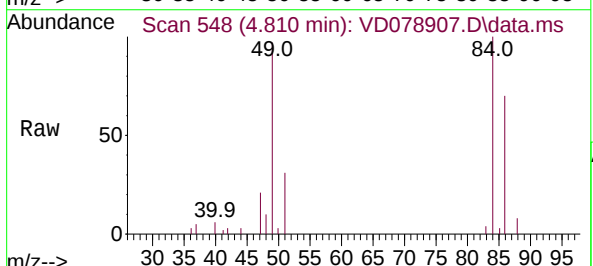
Instrument :
MSVOA_D
ClientSampleId :

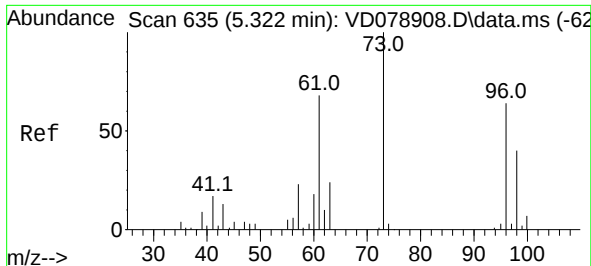
Tgt Ion: 73 Resp: 50523
Ion Ratio Lower Upper
73 100
57 19.6 18.3 27.5



#20
Methylene Chloride
Concen: 19.993 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

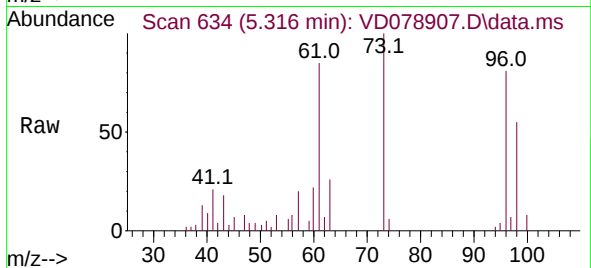
Tgt Ion: 84 Resp: 38123
Ion Ratio Lower Upper
84 100
49 96.5 75.6 113.4
51 30.6 24.2 36.2
86 69.6 49.2 73.8



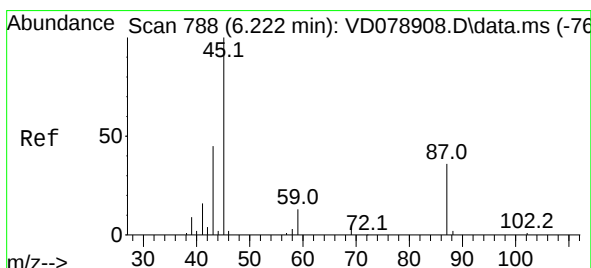
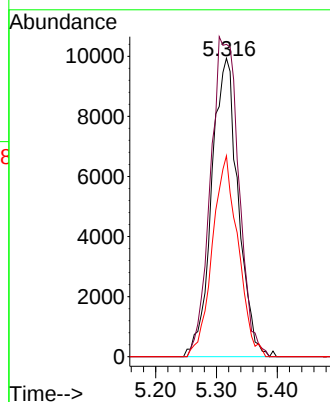
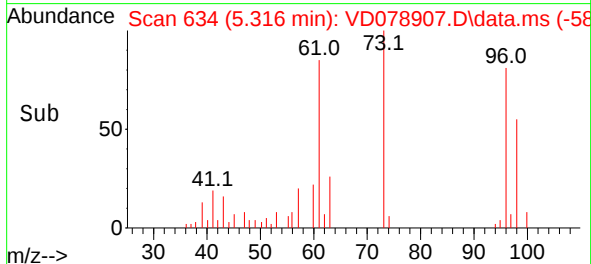


#21
trans-1,2-Dichloroethene
Concen: 19.538 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

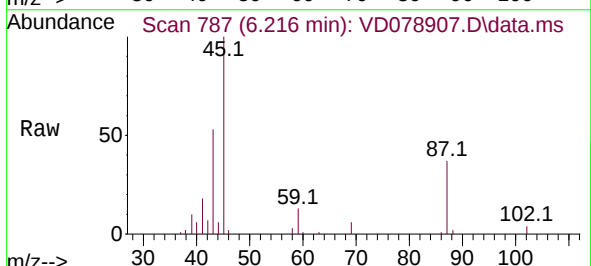
Instrument :
MSVOA_D
ClientSampleId :



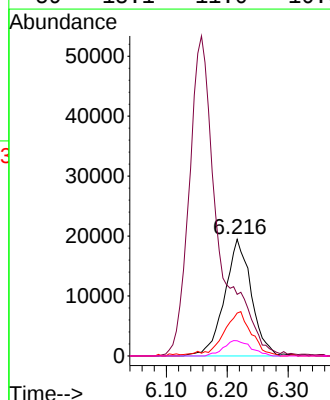
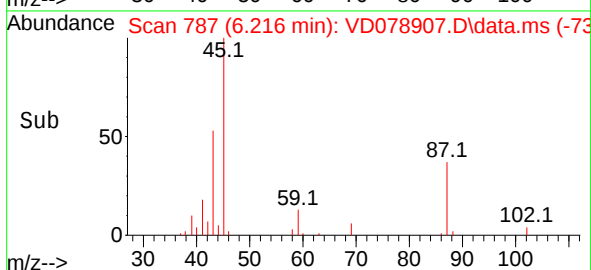
Tgt Ion: 96 Resp: 30058
Ion Ratio Lower Upper
96 100
61 104.6 84.5 126.7
98 67.3 50.5 75.7

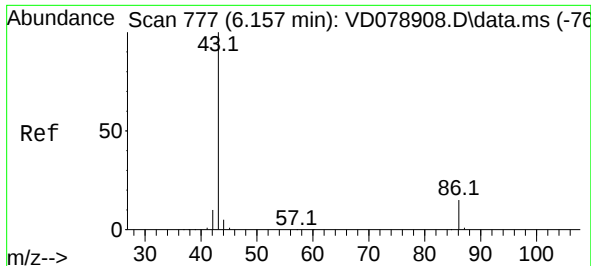


#22
Diisopropyl ether
Concen: 19.453 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17



Tgt Ion: 45 Resp: 59260
Ion Ratio Lower Upper
45 100
43 50.7 41.7 62.5
87 36.7 30.2 45.2
59 13.1 11.0 16.6

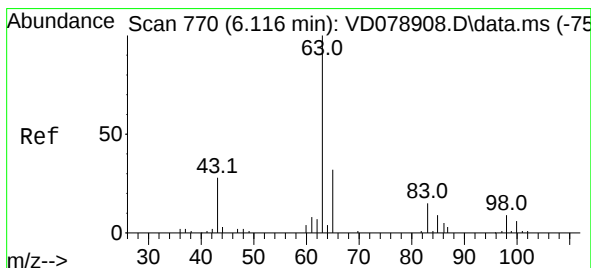
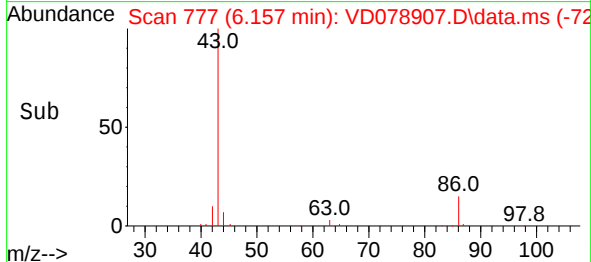
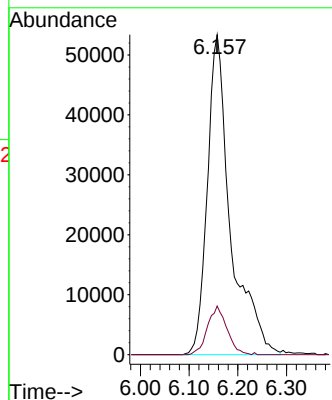
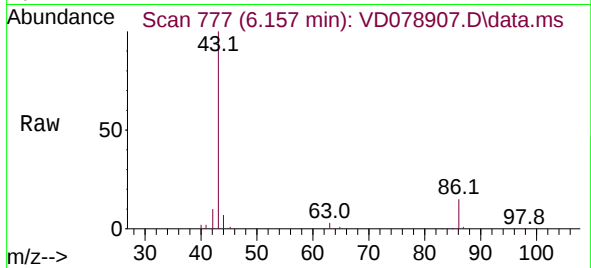




#23
 Vinyl Acetate
 Concen: 96.699 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078907.D
 Acq: 13 May 2024 11:17

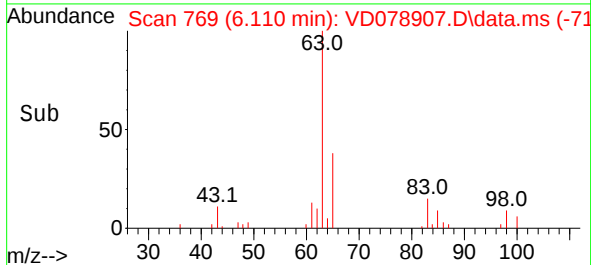
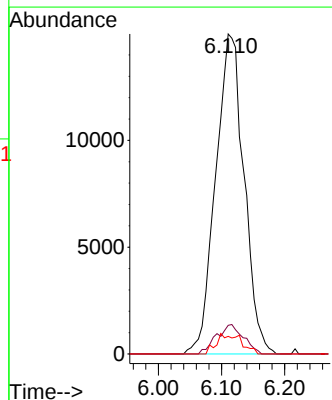
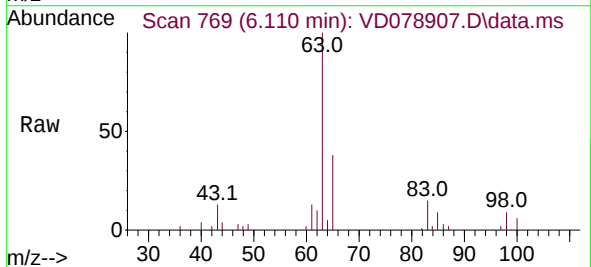
Instrument :
 MSVOA_D
 ClientSampleId :

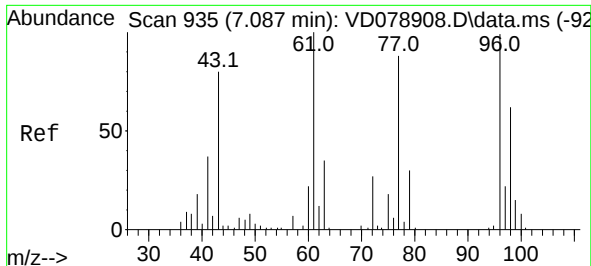
Tgt Ion: 43 Resp: 176681
 Ion Ratio Lower Upper
 43 100
 86 15.2 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 19.372 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078907.D
 Acq: 13 May 2024 11:17

Tgt Ion: 63 Resp: 46780
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.7 14.0
 100 5.5 2.9 8.6





#25

2-Butanone

Concen: 89.650 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

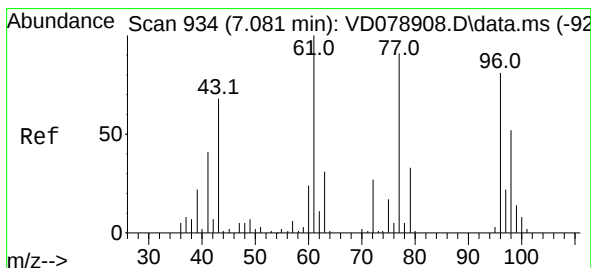
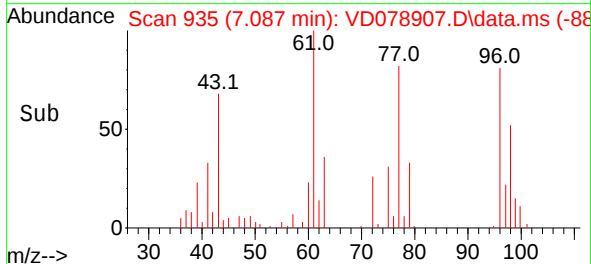
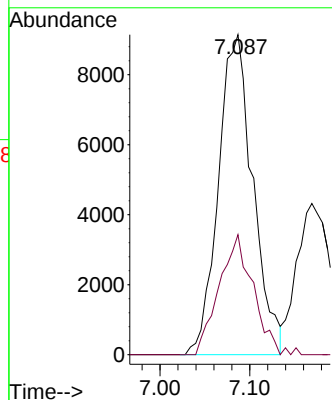
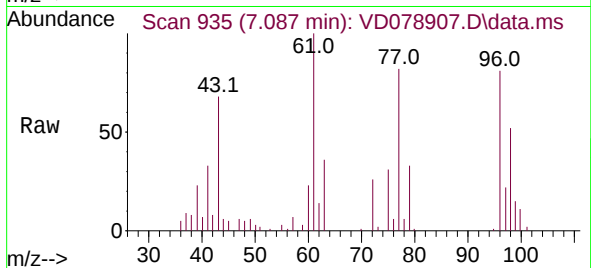
ClientSampleId :

Tgt Ion: 43 Resp: 24451

Ion Ratio Lower Upper

43 100

72 37.5 26.4 39.6



#26

2,2-Dichloropropane

Concen: 19.456 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.011 min

Lab File: VD078907.D

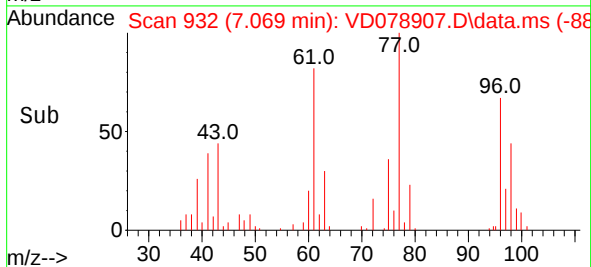
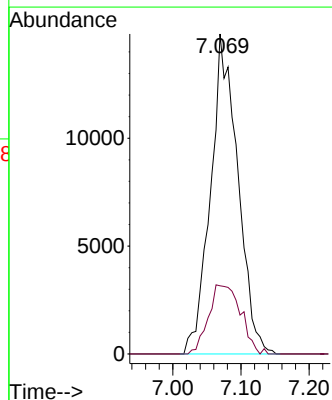
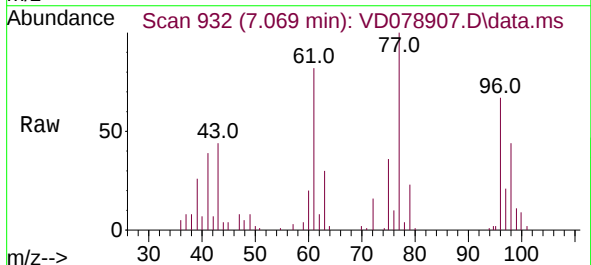
Acq: 13 May 2024 11:17

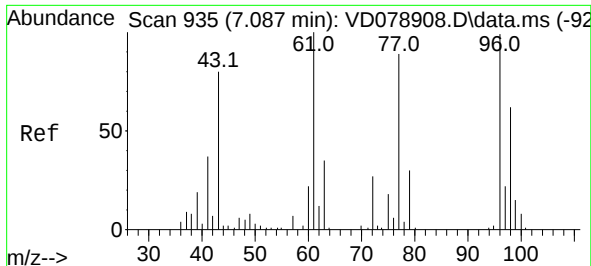
Tgt Ion: 77 Resp: 41290

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 18.967 ug/l

RT: 7.081 min Scan# 90

Delta R.T. -0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

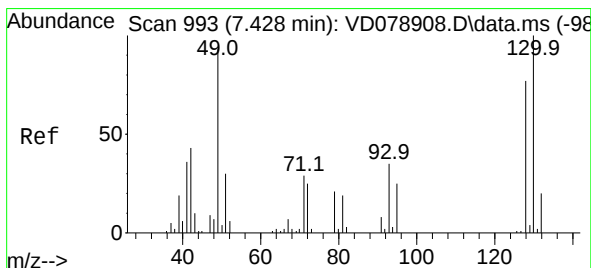
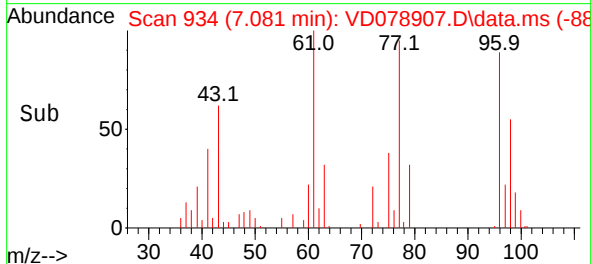
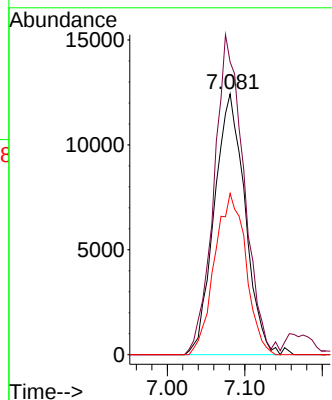
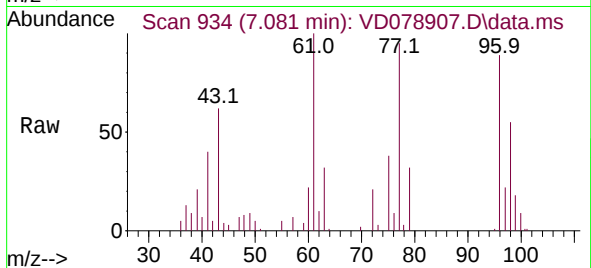
Tgt Ion: 96 Resp: 34264

Ion Ratio Lower Upper

96 100

61 118.9 0.0 229.0

98 63.2 0.0 127.2



#28

Bromochloromethane

Concen: 20.334 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

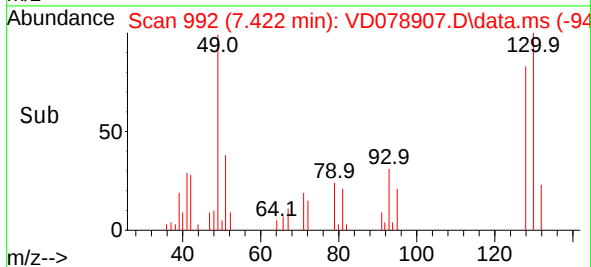
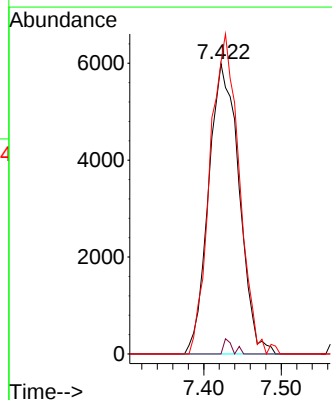
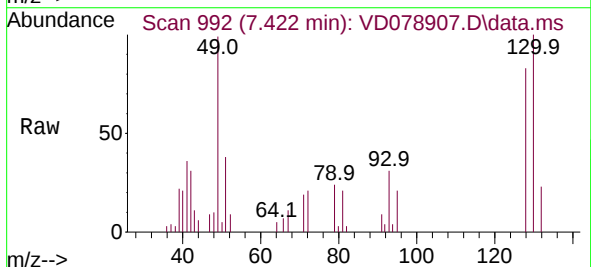
Tgt Ion: 49 Resp: 16376

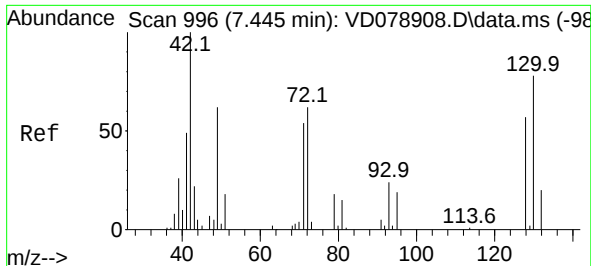
Ion Ratio Lower Upper

49 100

129 1.5 0.0 7.0

130 104.7 87.7 131.5





#29

Tetrahydrofuran

Concen: 102.052 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

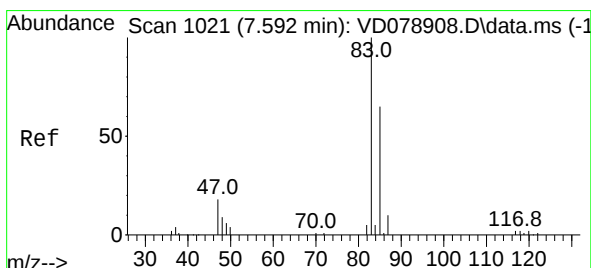
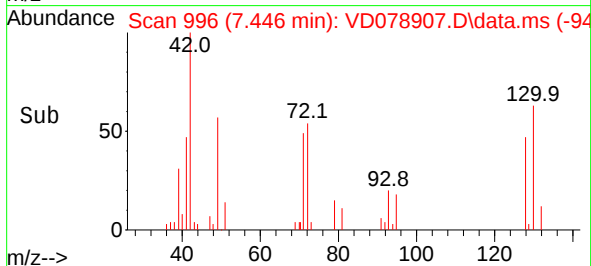
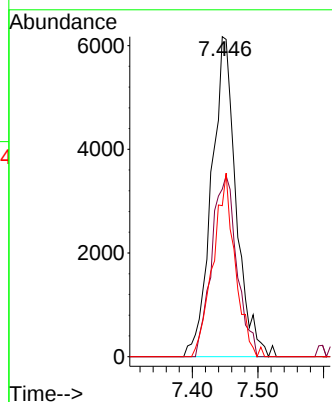
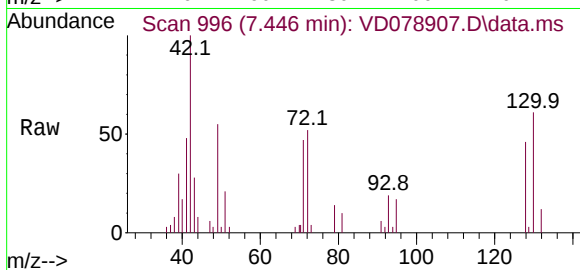
Tgt Ion: 42 Resp: 16099

Ion Ratio Lower Upper

42 100

72 57.8 49.4 74.0

71 51.4 45.0 67.6



#30

Chloroform

Concen: 20.089 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078907.D

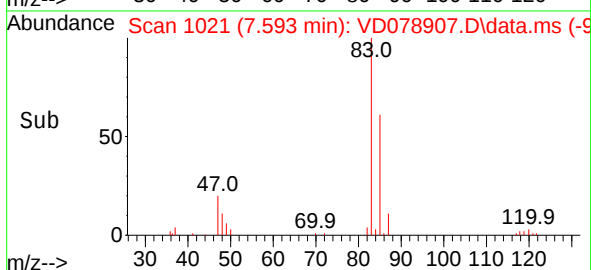
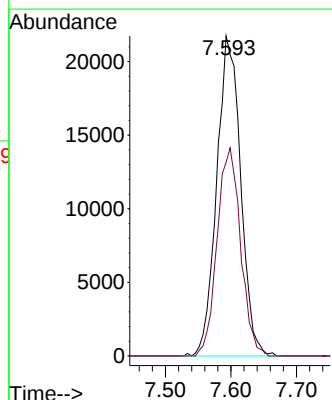
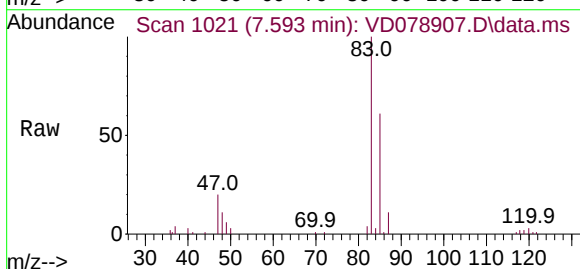
Acq: 13 May 2024 11:17

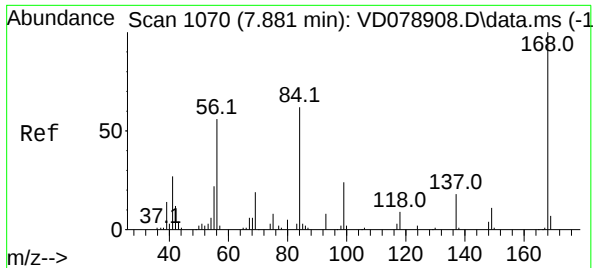
Tgt Ion: 83 Resp: 54948

Ion Ratio Lower Upper

83 100

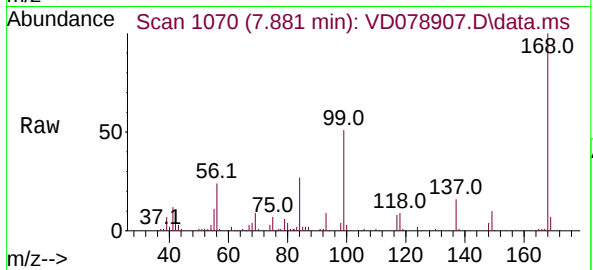
85 60.5 51.8 77.6



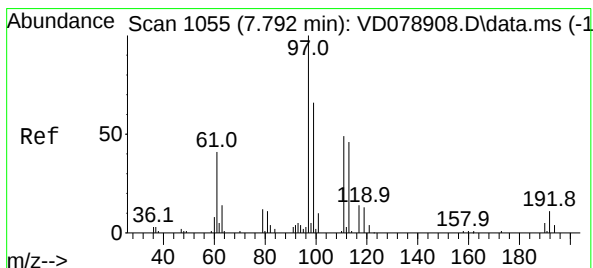
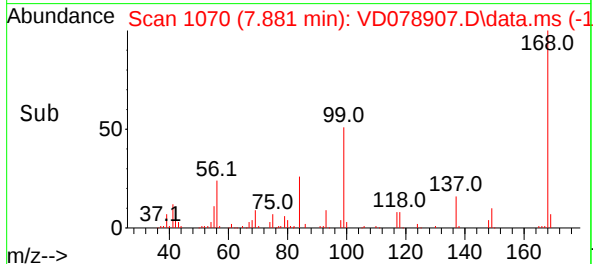
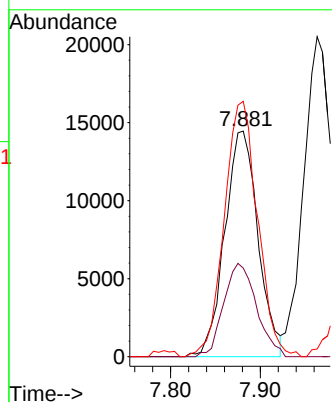


#31
Cyclohexane
Concen: 19.919 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :

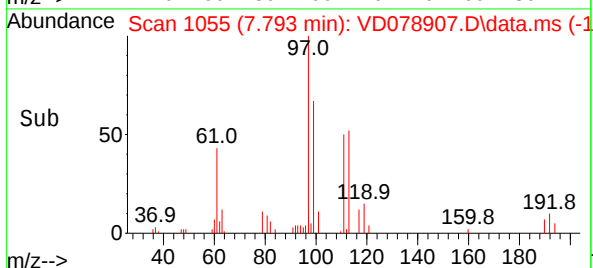
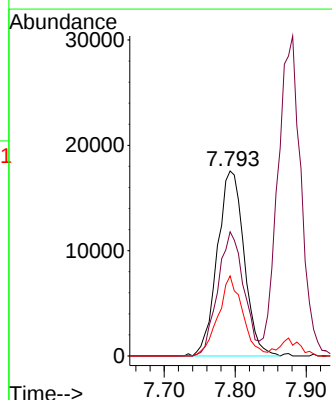
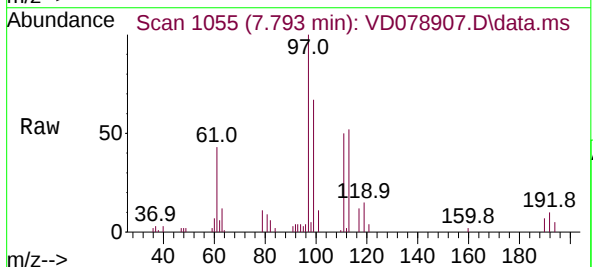


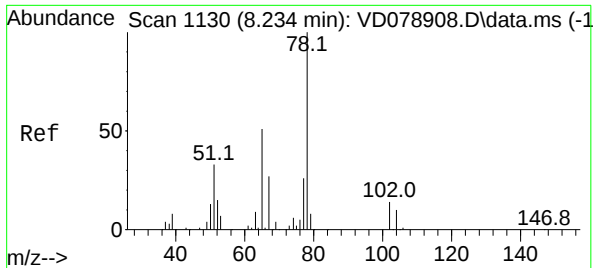
Tgt Ion: 56 Resp: 37219
Ion Ratio Lower Upper
56 100
69 39.3 28.0 42.0
84 113.2 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 19.603 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 97 Resp: 45917
Ion Ratio Lower Upper
97 100
99 65.5 51.3 76.9
61 39.3 31.4 47.2

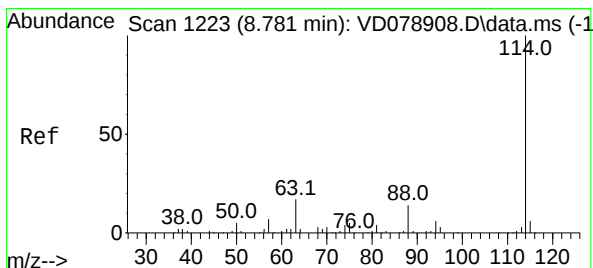
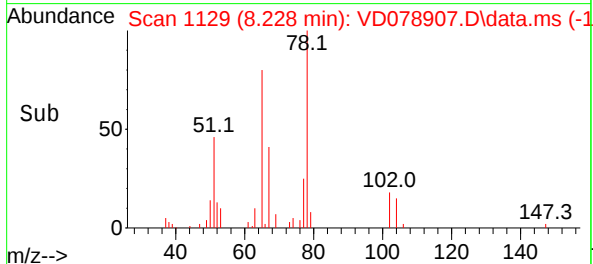
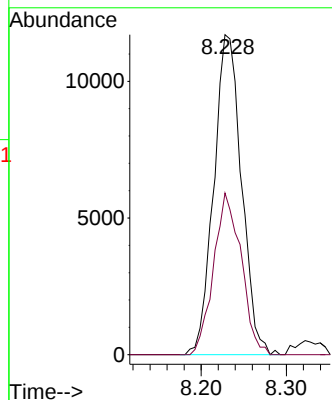
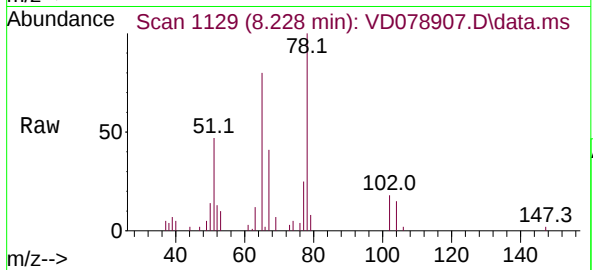




#33
1,2-Dichloroethane-d4
Concen: 20.718 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

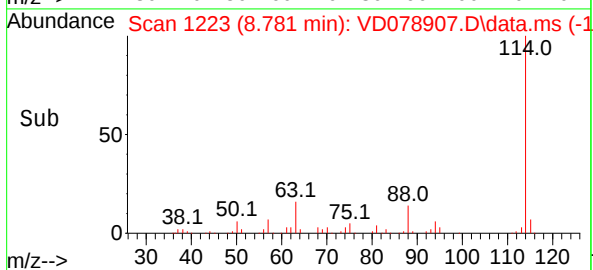
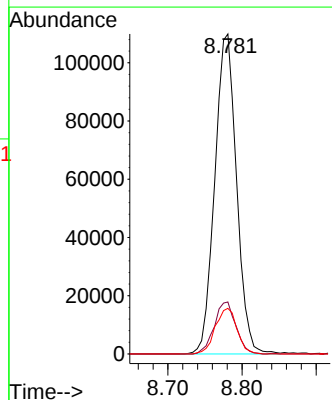
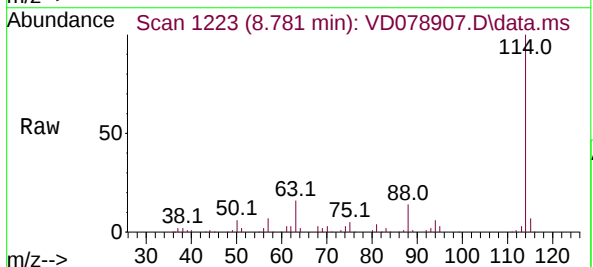
Instrument :
MSVOA_D
ClientSampleId :

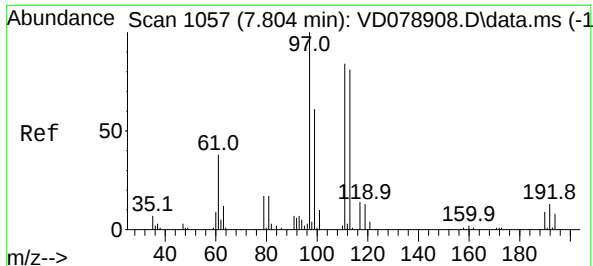
Tgt Ion: 65 Resp: 26497
Ion Ratio Lower Upper
65 100
67 50.2 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 114 Resp: 224187
Ion Ratio Lower Upper
114 100
63 16.3 0.0 34.0
88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 19.867 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078907.D

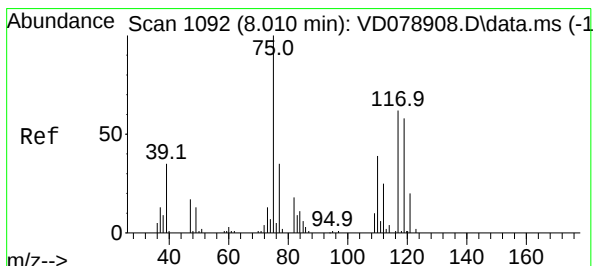
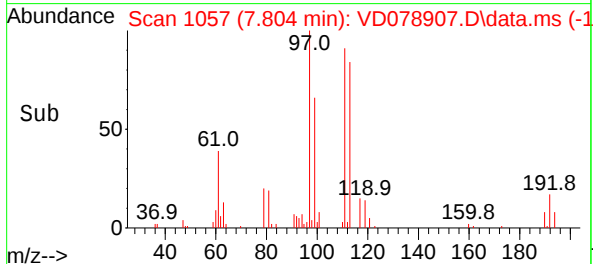
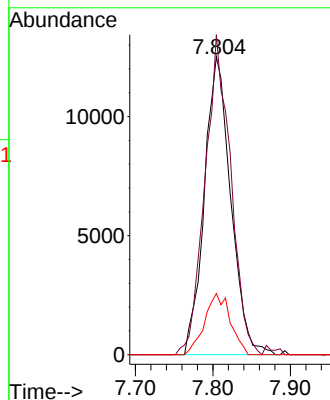
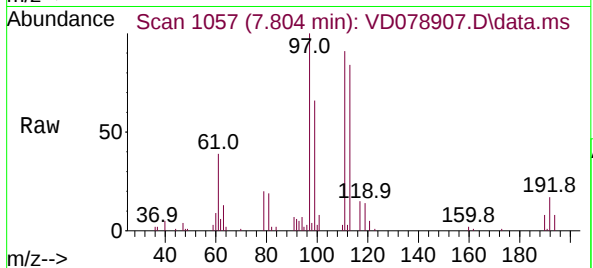
Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:113	Resp:	29648
Ion Ratio	Lower	Upper
113	100	
111	104.5	84.0 126.0
192	19.9	15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.865 ug/l

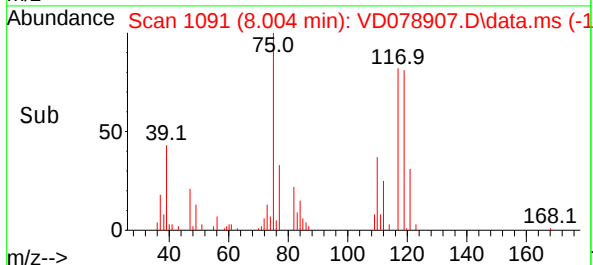
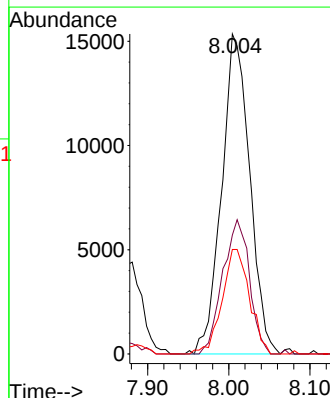
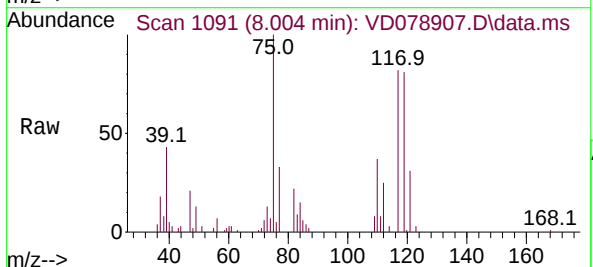
RT: 8.004 min Scan# 1091

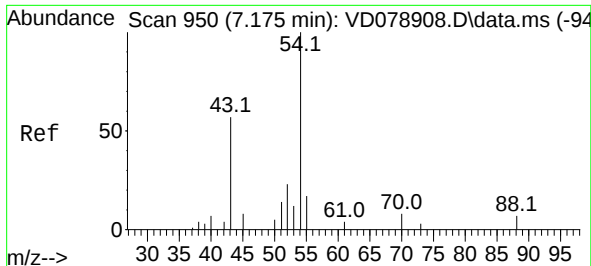
Delta R.T. -0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion: 75	Resp:	36890
Ion Ratio	Lower	Upper
75	100	
110	40.0	19.6 58.7
77	31.9	26.1 39.1





#37

Ethyl Acetate

Concen: 16.004 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

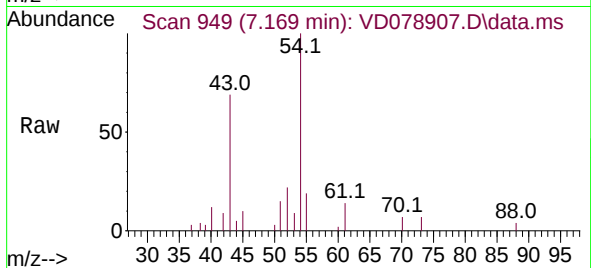
Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :



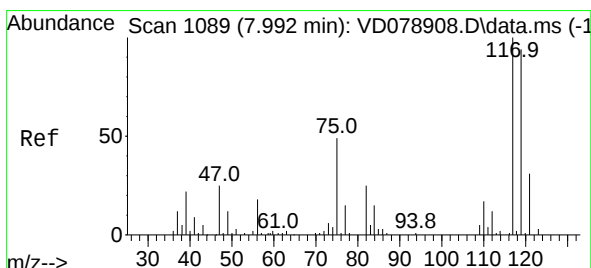
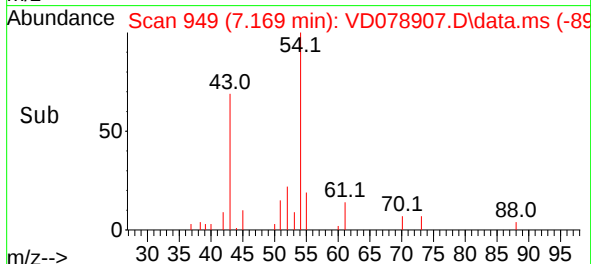
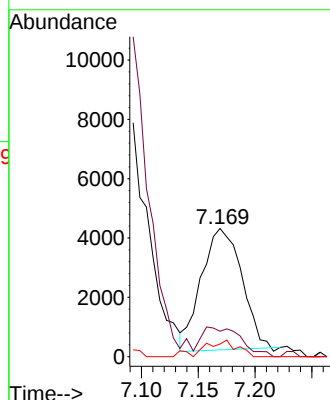
Tgt Ion: 43 Resp: 10129

Ion Ratio Lower Upper

43 100

61 23.7 13.9 20.9#

70 11.1 9.8 14.6



#38

Carbon Tetrachloride

Concen: 19.304 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

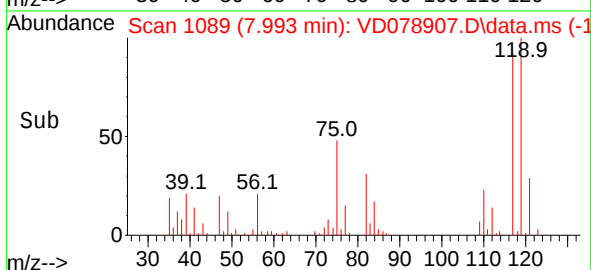
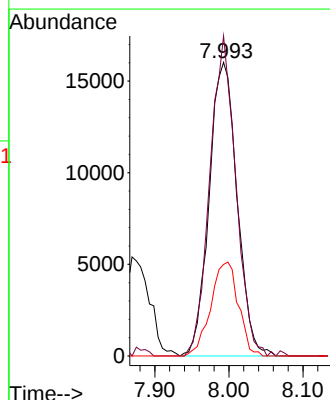
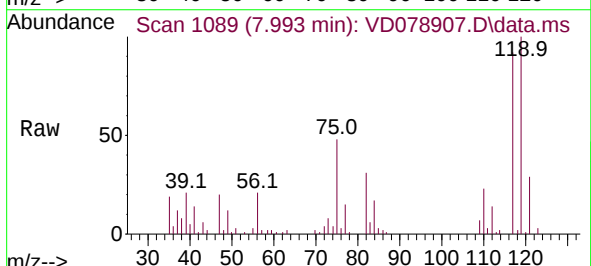
Tgt Ion: 117 Resp: 41953

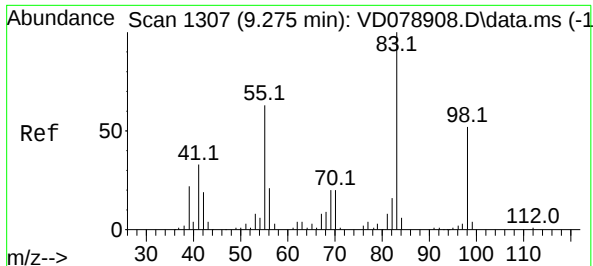
Ion Ratio Lower Upper

117 100

119 109.0 75.4 113.0

121 31.2 25.0 37.4





#39

Methylcyclohexane

Concen: 19.620 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

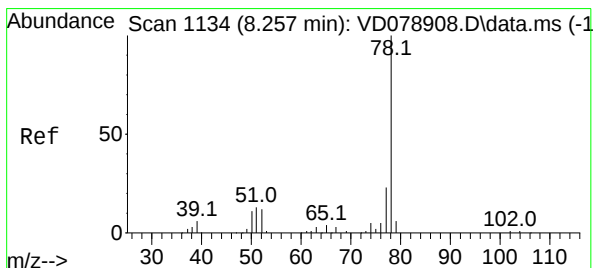
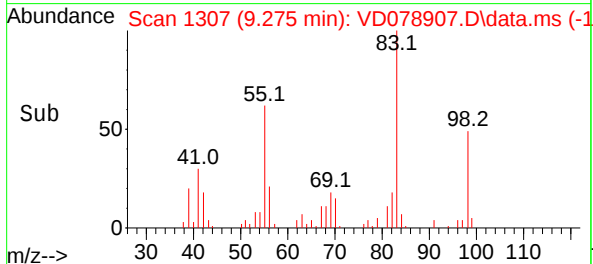
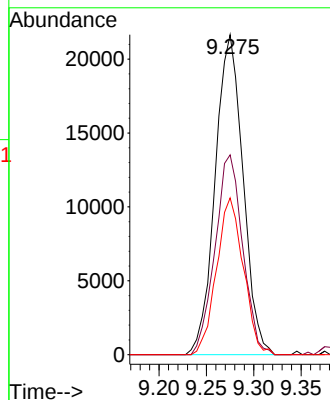
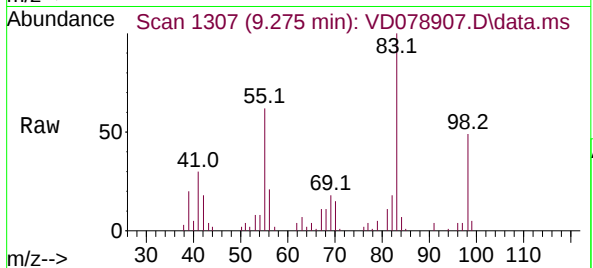
Tgt Ion: 83 Resp: 44270

Ion Ratio Lower Upper

83 100

55 62.5 50.1 75.1

98 49.0 41.9 62.9



#40

Benzene

Concen: 19.598 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078907.D

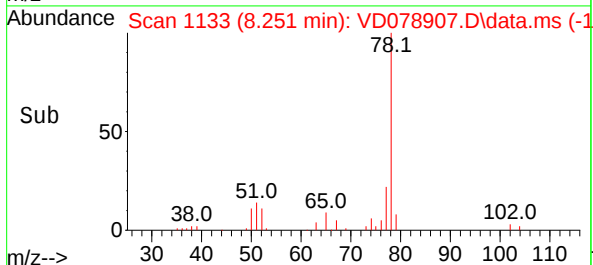
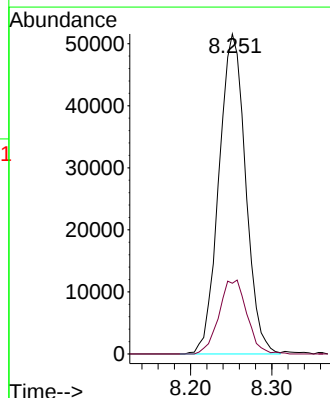
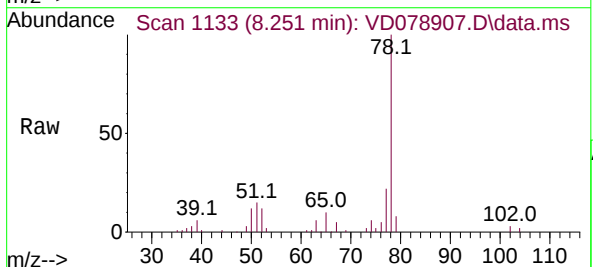
Acq: 13 May 2024 11:17

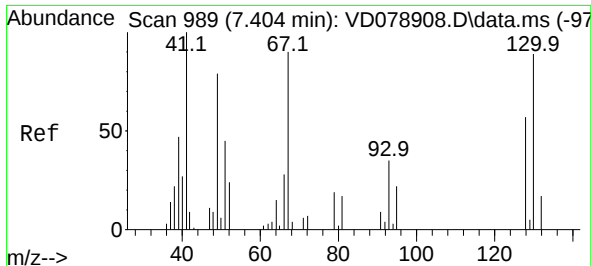
Tgt Ion: 78 Resp: 117716

Ion Ratio Lower Upper

78 100

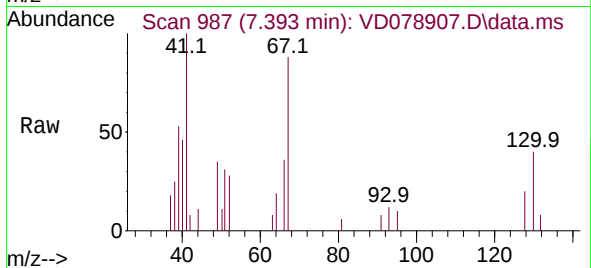
77 22.1 18.1 27.1



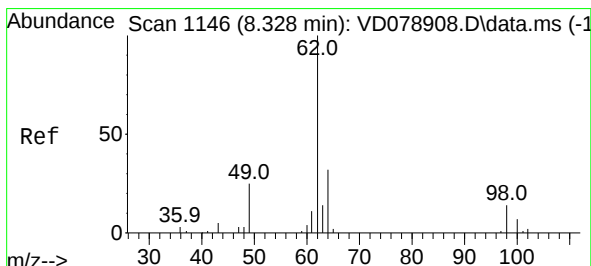
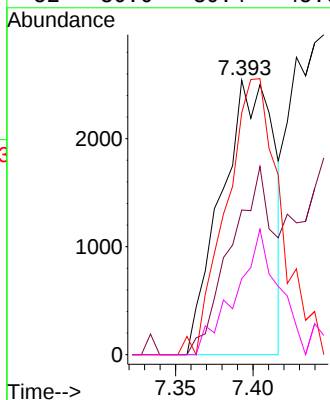
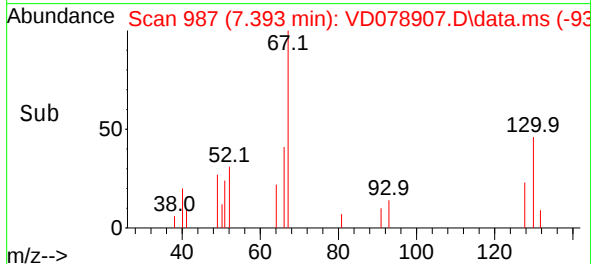


#41
Methacrylonitrile
Concen: 17.733 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :

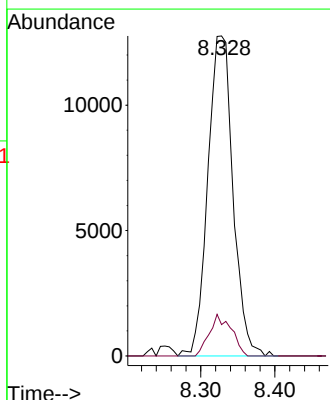
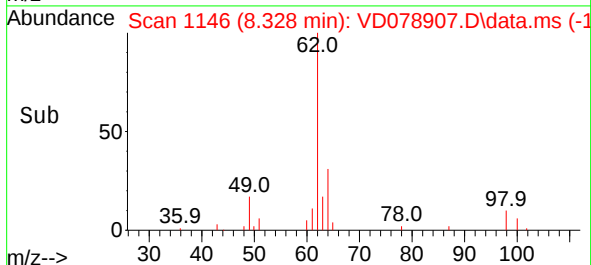
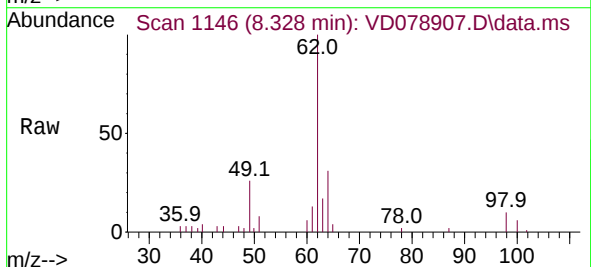


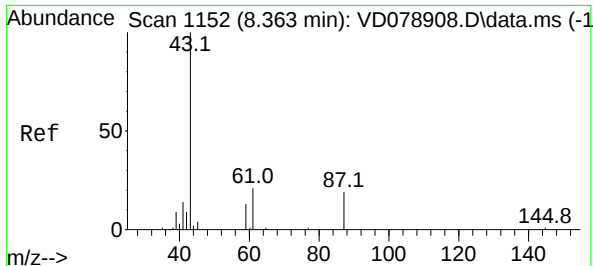
Tgt Ion: 41 Resp: 6039
Ion Ratio Lower Upper
41 100
39 55.2 41.4 62.0
67 102.9 85.8 128.6
52 36.6 30.4 45.6



#42
1,2-Dichloroethane
Concen: 20.728 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 62 Resp: 30136
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.8

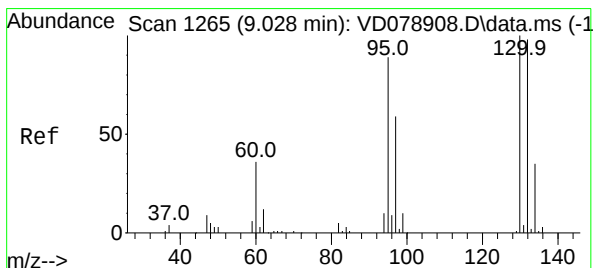
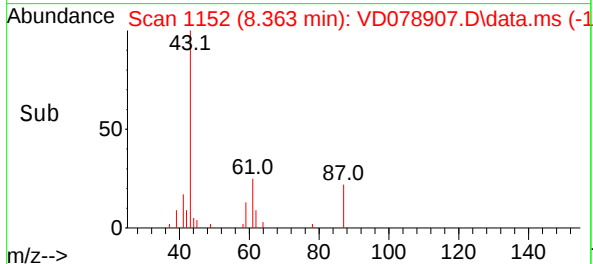
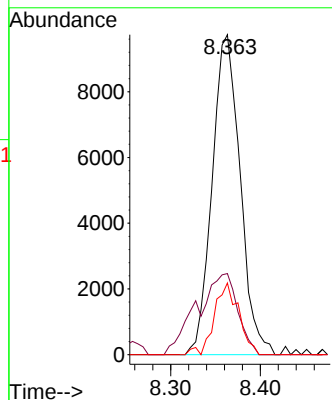
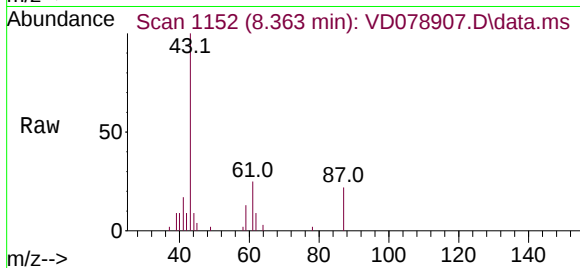




#43
Isopropyl Acetate
Concen: 18.779 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

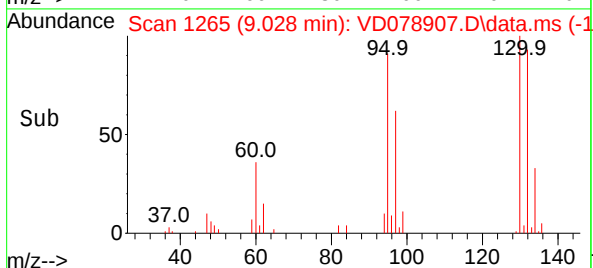
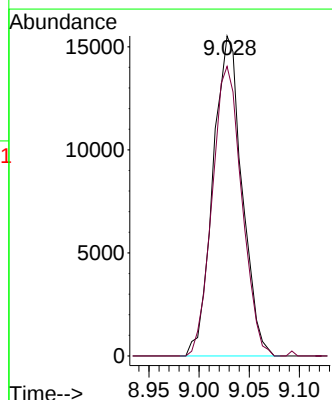
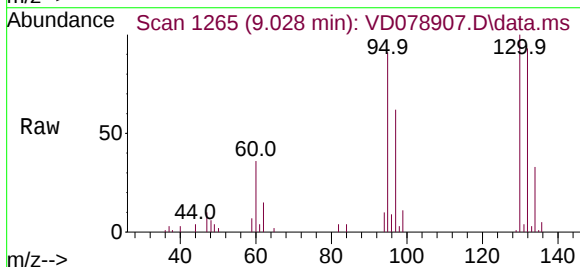
Instrument :
MSVOA_D
ClientSampleId :

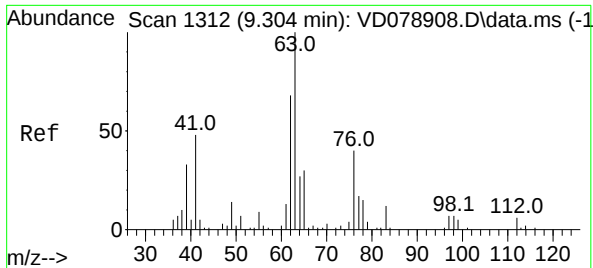
Tgt Ion:	43	Resp:	21088
Ion Ratio	Lower	Upper	
43	100		
61	36.9	29.3	43.9
87	19.7	14.9	22.3



#44
Trichloroethene
Concen: 19.572 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:	130	Resp:	31181
Ion Ratio	Lower	Upper	
130	100		
95	90.5	0.0	177.8

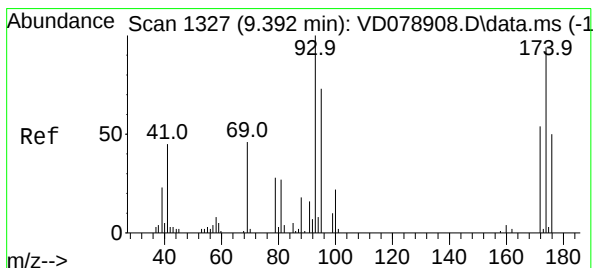
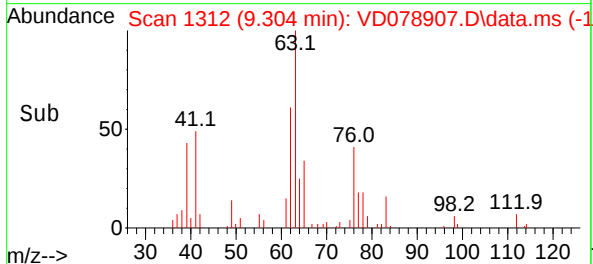
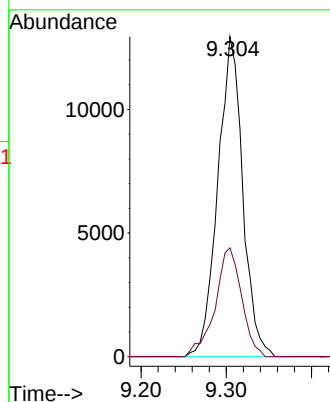
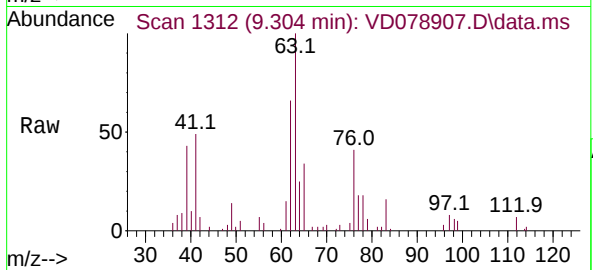




#45
1,2-Dichloropropane
Concen: 19.932 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

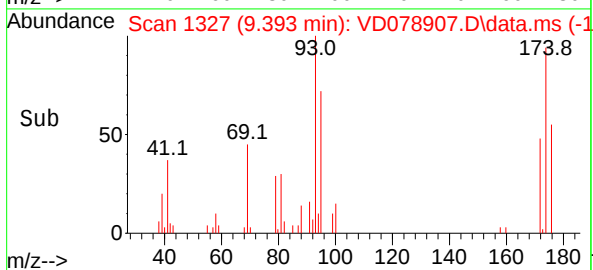
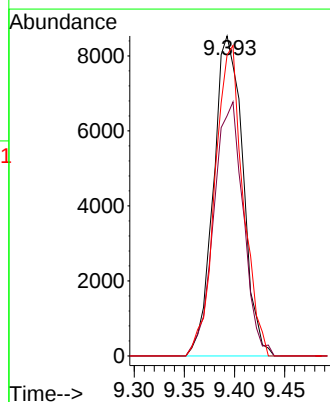
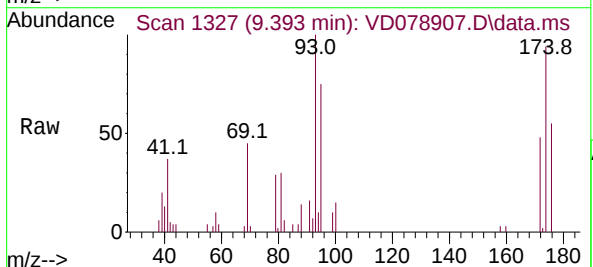
Instrument :
MSVOA_D
ClientSampleId :

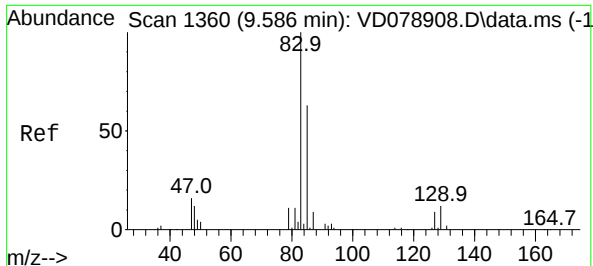
Tgt Ion: 63 Resp: 26309
Ion Ratio Lower Upper
63 100
65 34.0 23.8 35.8



#46
Dibromomethane
Concen: 19.936 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 93 Resp: 17323
Ion Ratio Lower Upper
93 100
95 79.9 65.6 98.4
174 93.1 82.3 123.5

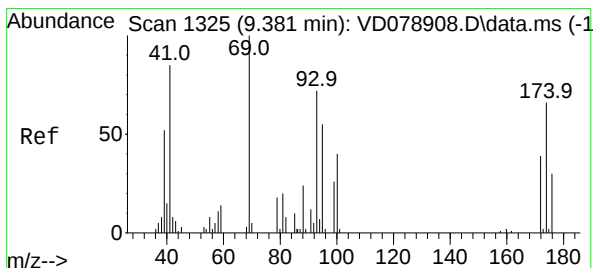
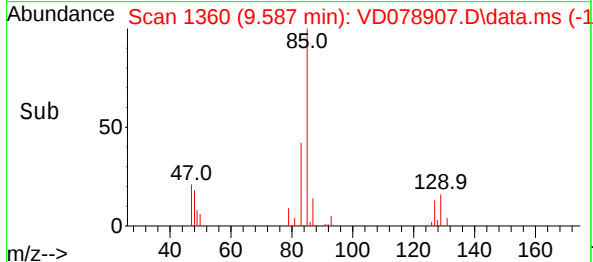
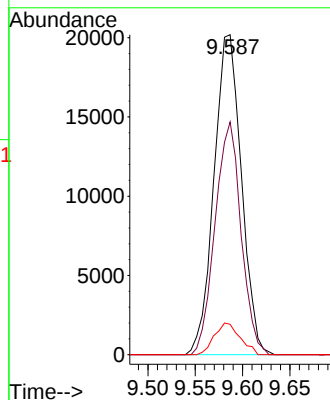
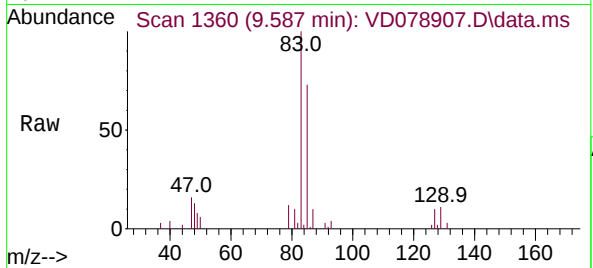




#47
Bromodichloromethane
Concen: 19.455 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

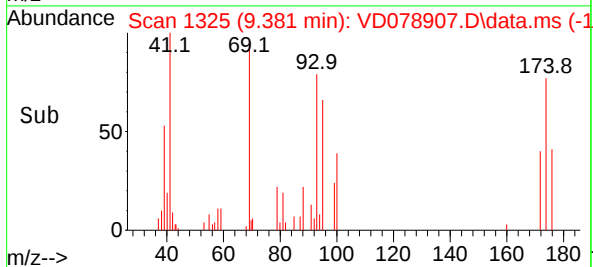
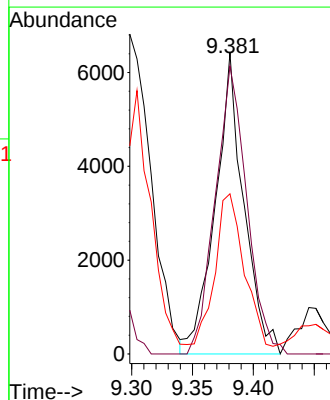
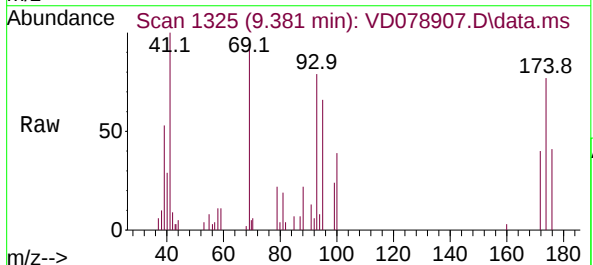
Instrument :
MSVOA_D
ClientSampleId :

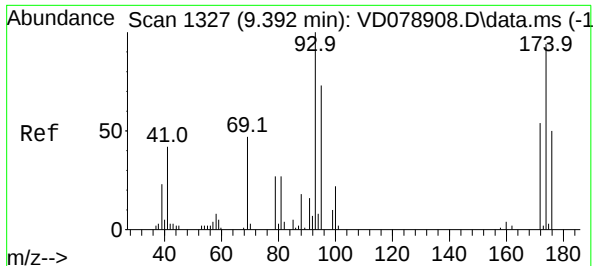
Tgt Ion: 83 Resp: 40692
Ion Ratio Lower Upper
83 100
85 72.7 50.1 75.1
127 9.5 6.8 10.2



#48
Methyl methacrylate
Concen: 19.077 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 41 Resp: 10429
Ion Ratio Lower Upper
41 100
69 105.9 96.7 145.1
39 58.1 43.8 65.6





#49

1,4-Dioxane

Concen: 391.844 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.011 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

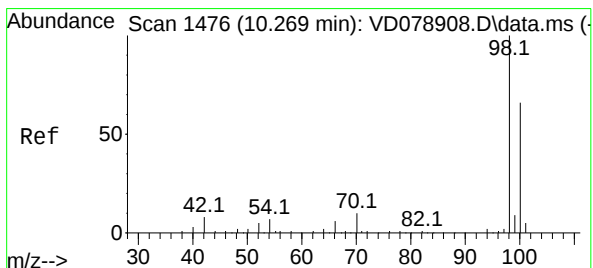
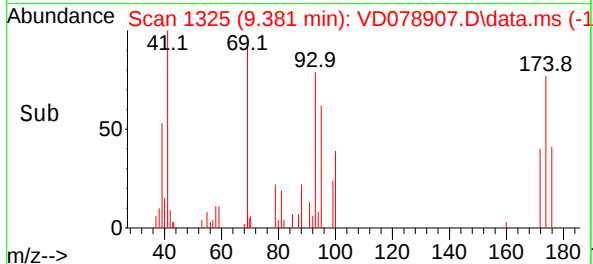
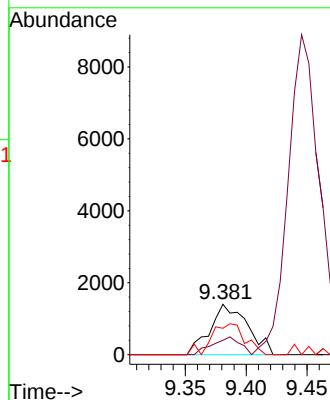
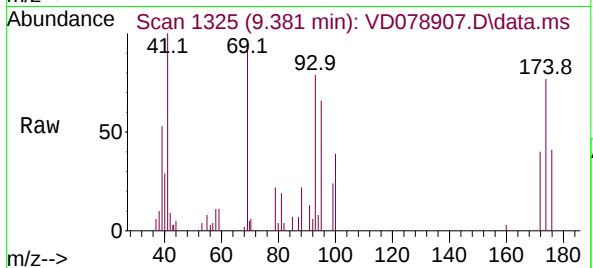
Tgt Ion: 88 Resp: 2995

Ion Ratio Lower Upper

88 100

43 25.9 21.5 32.3

58 55.3 42.2 63.4



#50

Toluene-d8

Concen: 19.854 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078907.D

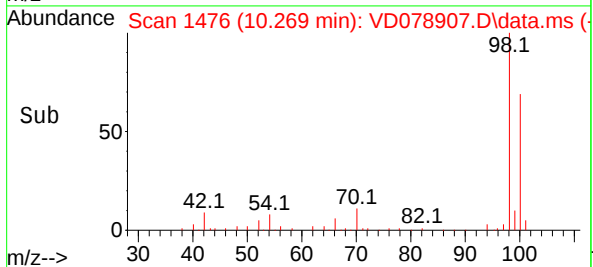
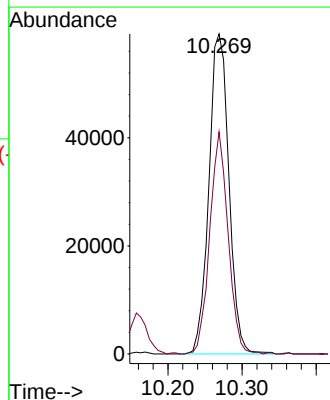
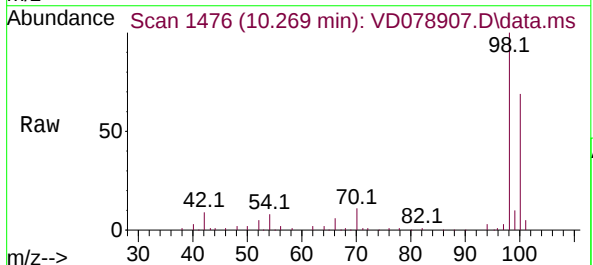
Acq: 13 May 2024 11:17

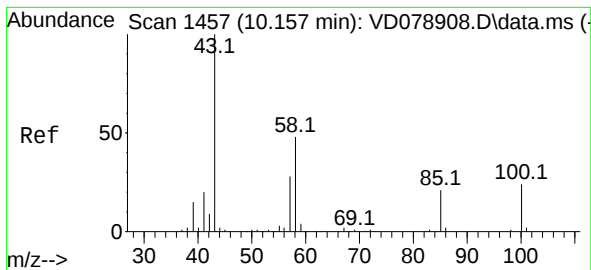
Tgt Ion: 98 Resp: 111076

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4

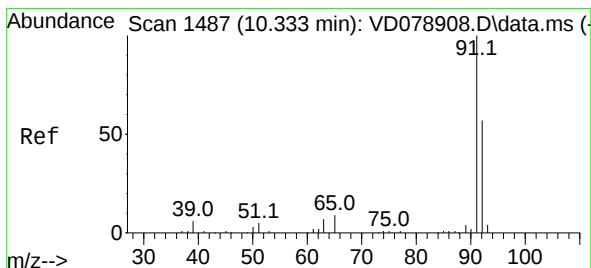
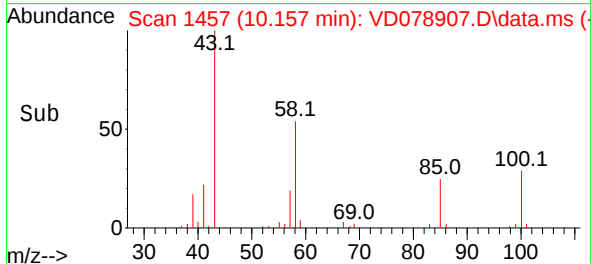
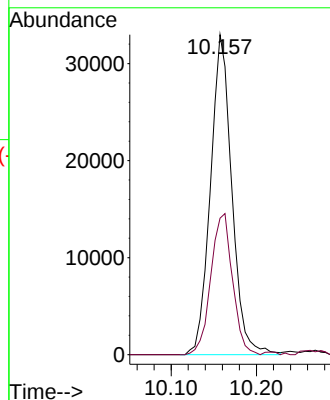
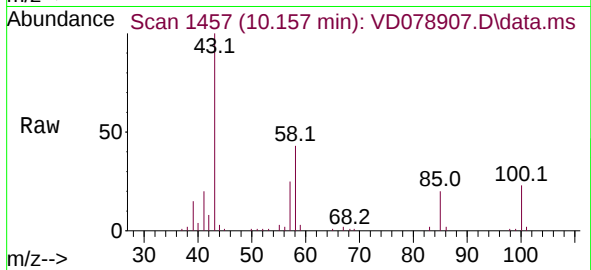




#51
4-Methyl-2-Pentanone
Concen: 96.102 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

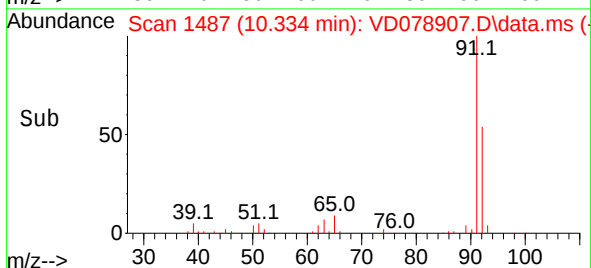
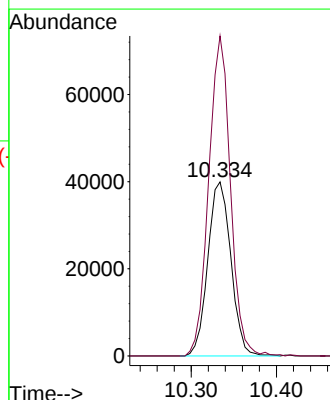
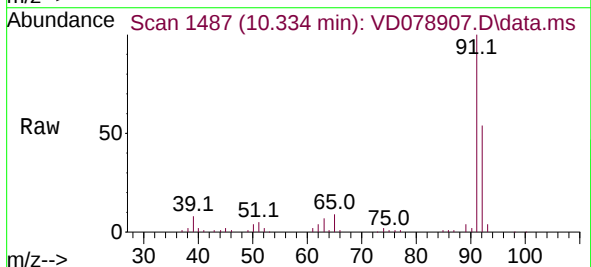
Instrument :
MSVOA_D
ClientSampleId :

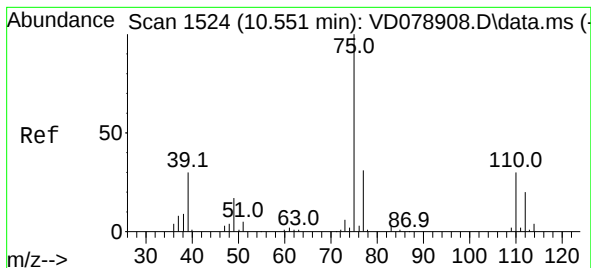
Tgt Ion: 43 Resp: 57482
Ion Ratio Lower Upper
43 100
58 44.6 36.6 55.0



#52
Toluene
Concen: 19.561 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 92 Resp: 75208
Ion Ratio Lower Upper
92 100
91 173.0 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 19.791 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

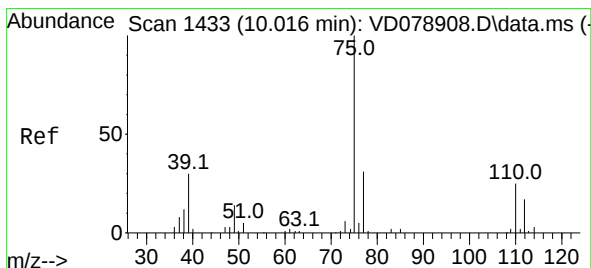
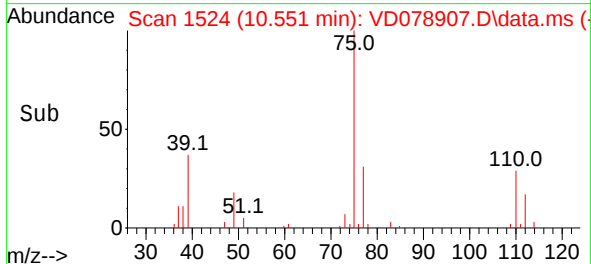
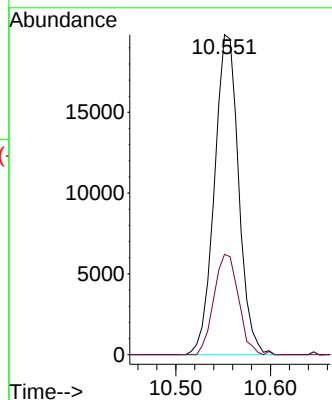
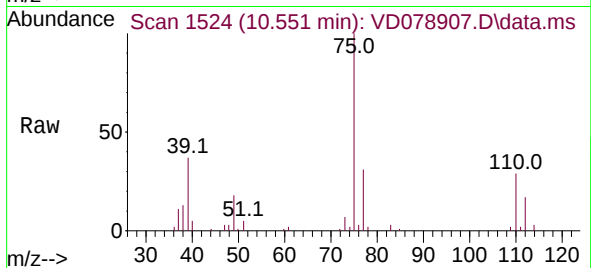
ClientSampleId :

Tgt Ion: 75 Resp: 35176

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.111 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

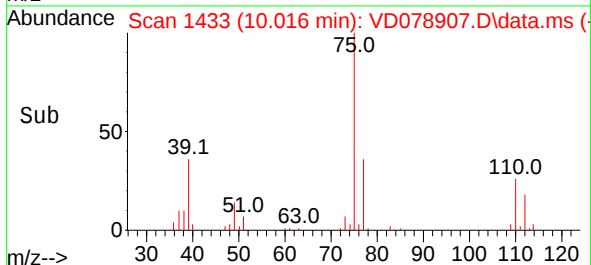
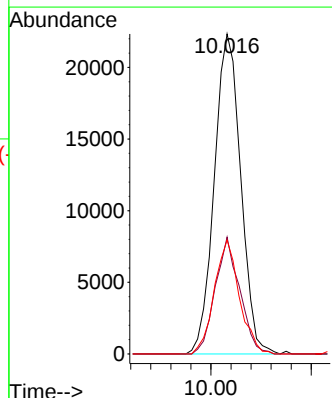
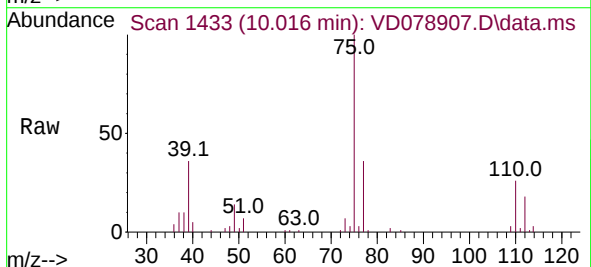
Tgt Ion: 75 Resp: 40770

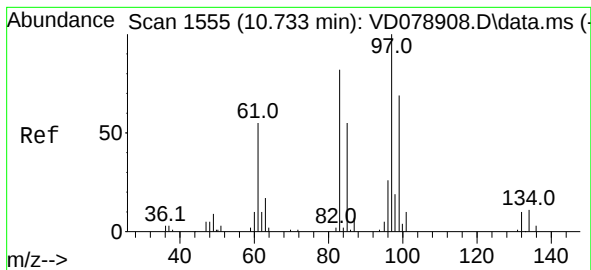
Ion Ratio Lower Upper

75 100

77 36.5 24.4 36.6

39 35.6 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 20.253 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 22736

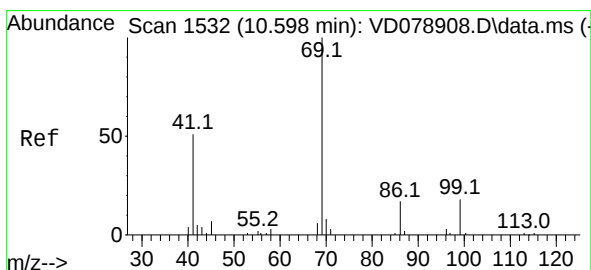
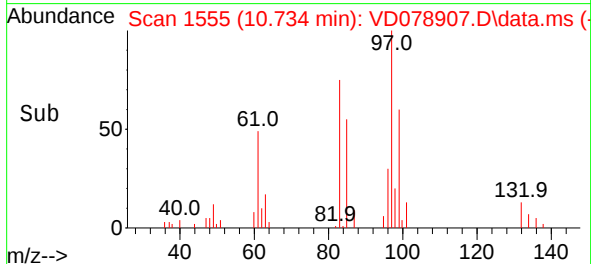
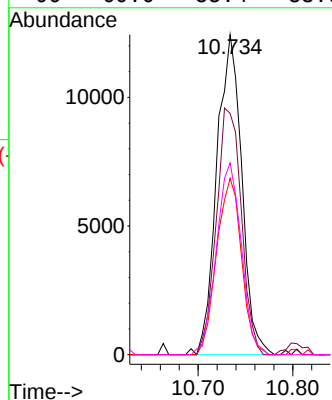
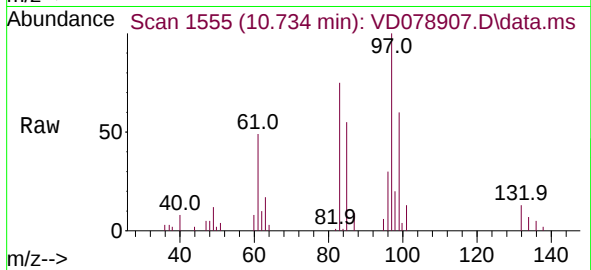
Ion Ratio Lower Upper

97 100

83 75.4 65.8 98.8

85 55.1 43.8 65.8

99 60.0 55.4 83.0



#56

Ethyl methacrylate

Concen: 18.796 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

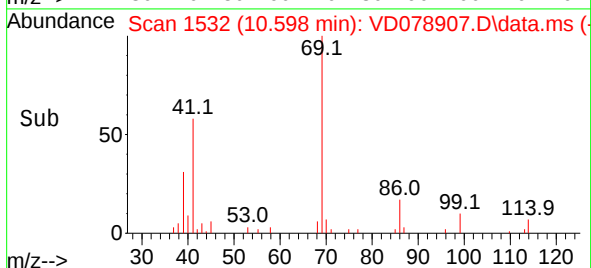
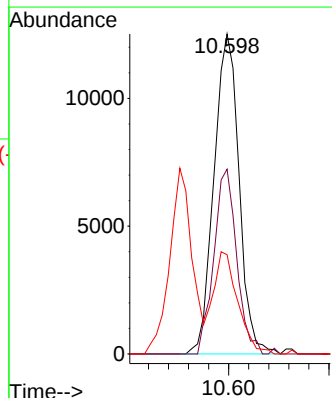
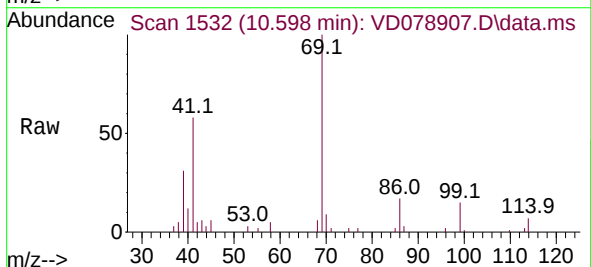
Tgt Ion: 69 Resp: 21709

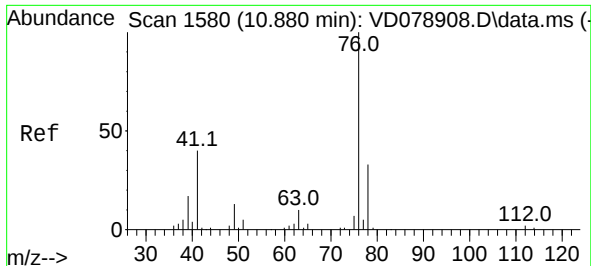
Ion Ratio Lower Upper

69 100

41 52.7 39.8 59.6

39 31.5 20.2 30.4#





#57

1,3-Dichloropropane

Concen: 20.018 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

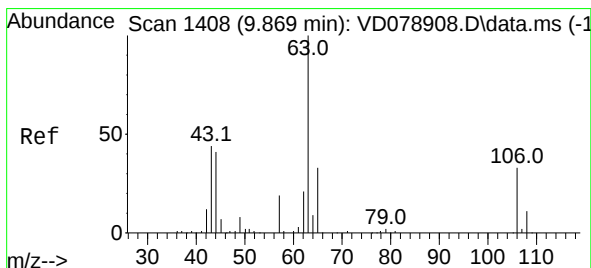
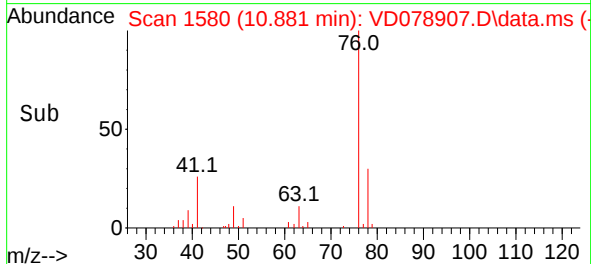
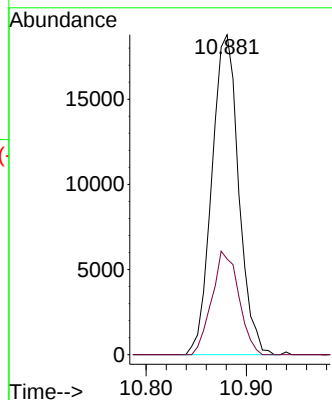
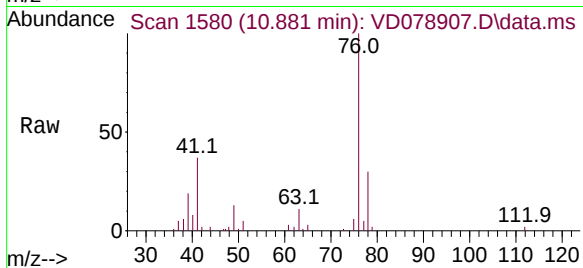
ClientSampleId :

Tgt Ion: 76 Resp: 34992

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 87.329 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078907.D

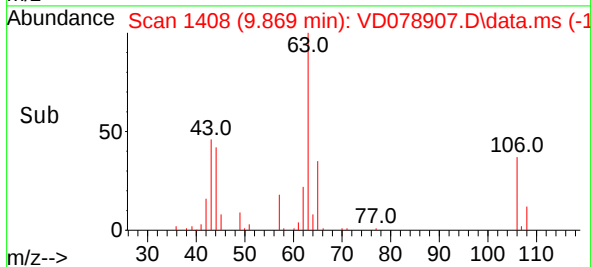
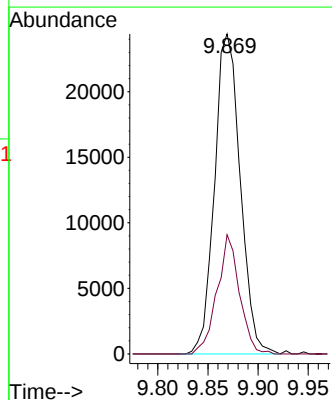
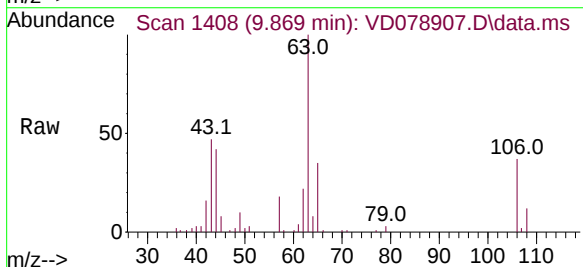
Acq: 13 May 2024 11:17

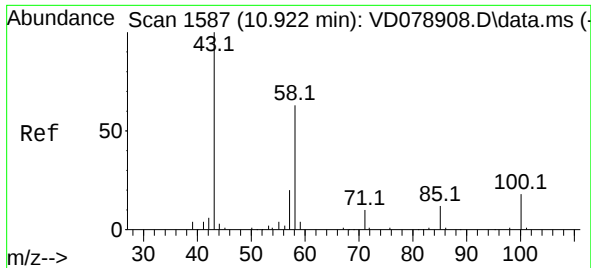
Tgt Ion: 63 Resp: 43338

Ion Ratio Lower Upper

63 100

106 32.5 26.4 39.6





#59

2-Hexanone

Concen: 93.287 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

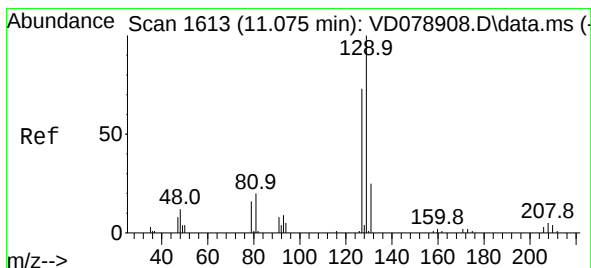
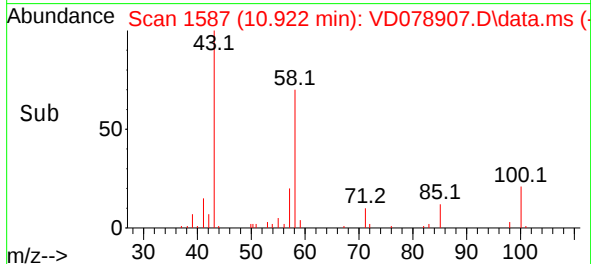
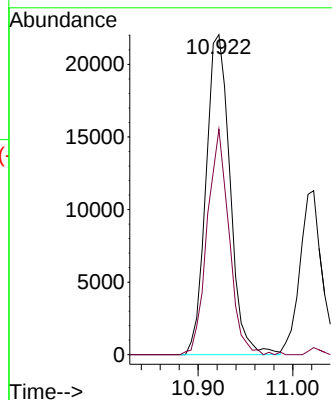
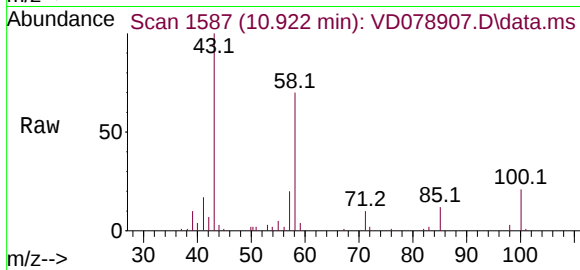
ClientSampleId :

Tgt Ion: 43 Resp: 38838

Ion Ratio Lower Upper

43 100

58 64.1 31.1 93.5



#60

Dibromochloromethane

Concen: 19.207 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078907.D

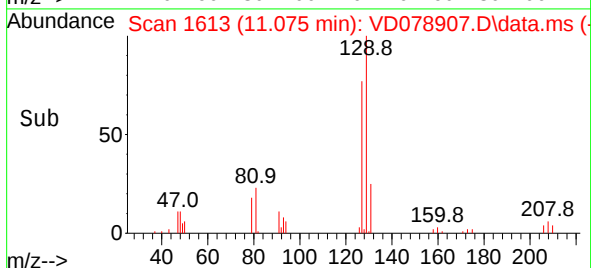
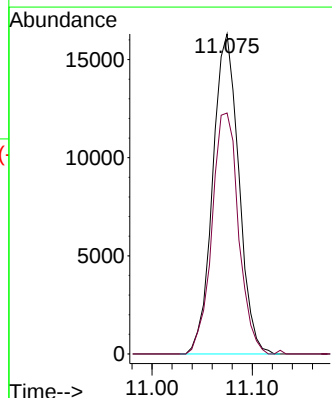
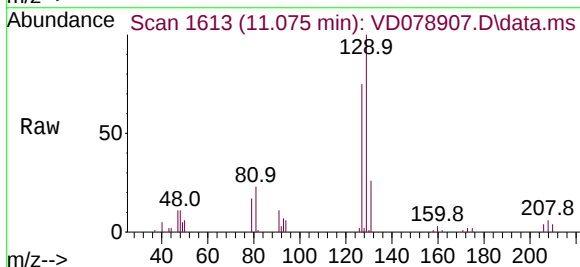
Acq: 13 May 2024 11:17

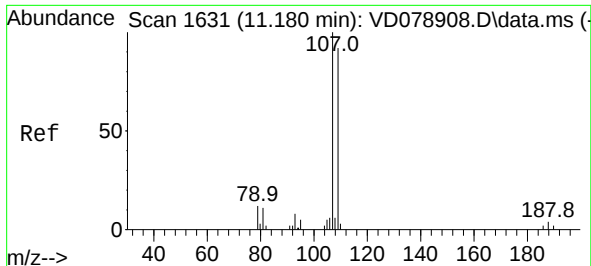
Tgt Ion:129 Resp: 29393

Ion Ratio Lower Upper

129 100

127 76.9 38.0 113.9

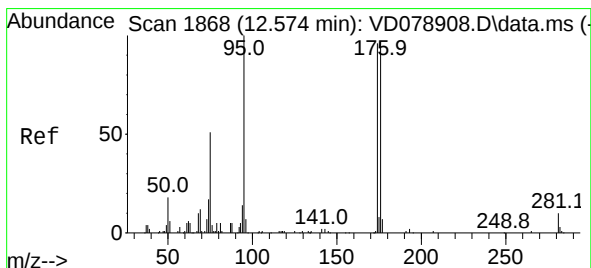
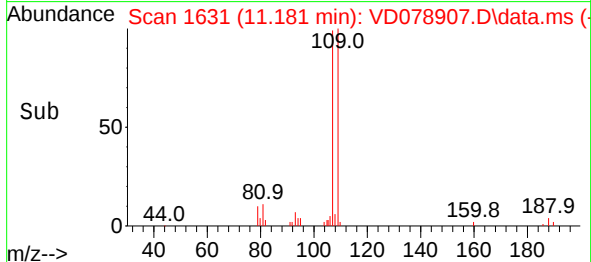
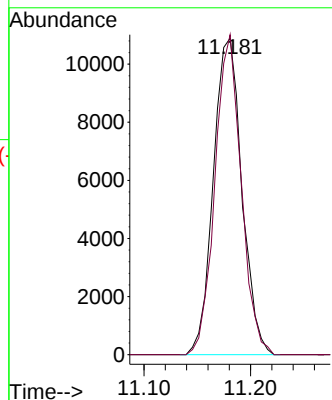
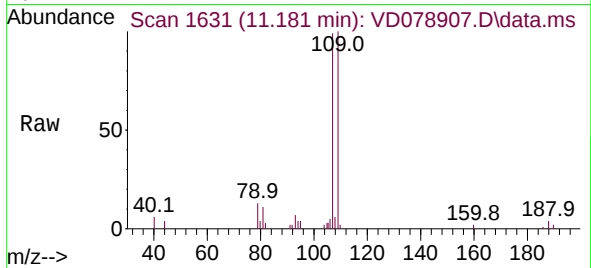




#61
1,2-Dibromoethane
Concen: 19.765 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

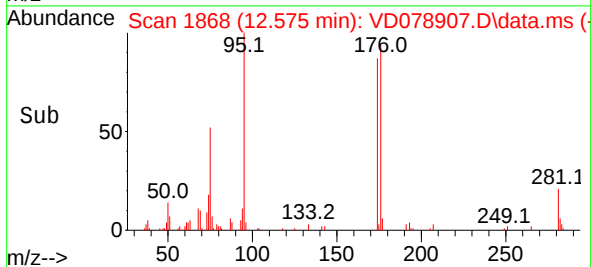
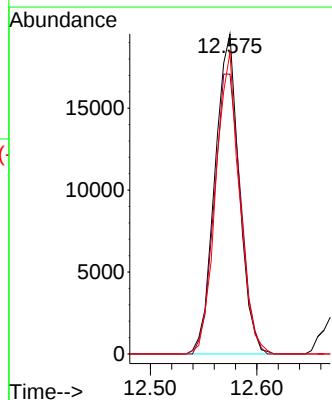
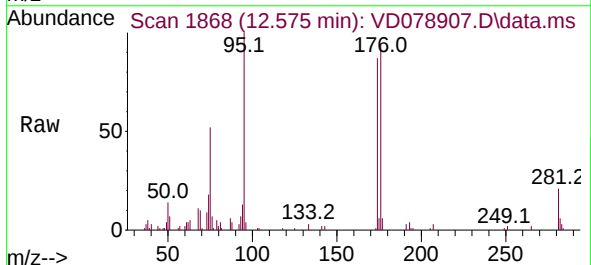
Instrument :
MSVOA_D
ClientSampleId :

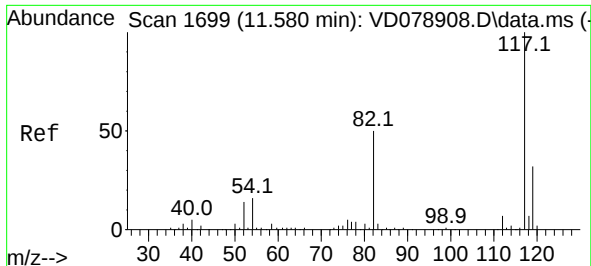
Tgt Ion:107 Resp: 20231
Ion Ratio Lower Upper
107 100
109 93.0 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 19.634 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 95 Resp: 30858
Ion Ratio Lower Upper
95 100
174 94.7 0.0 195.4
176 92.2 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

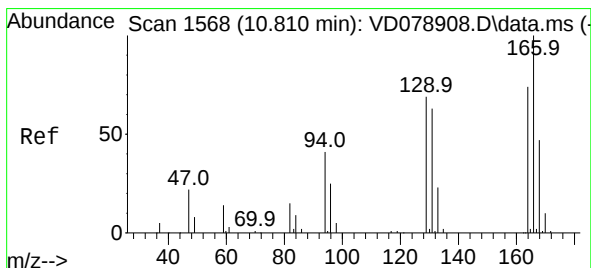
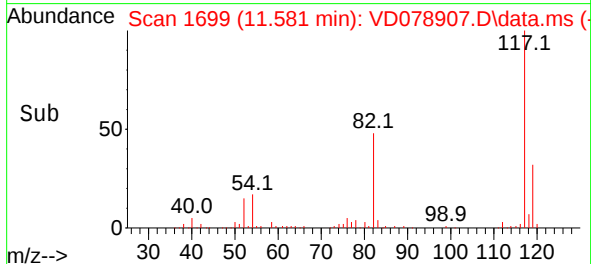
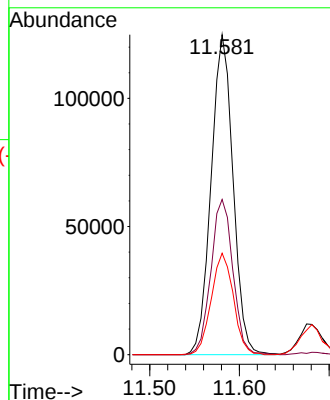
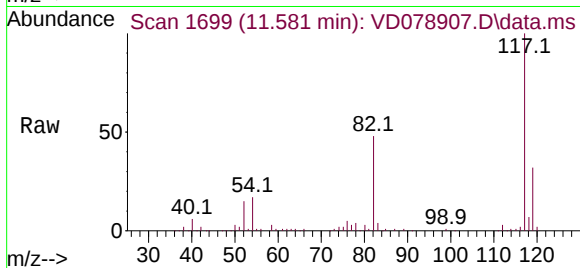
Tgt Ion:117 Resp: 212129

Ion Ratio Lower Upper

117 100

82 48.5 39.8 59.6

119 31.7 25.7 38.5



#64

Tetrachloroethene

Concen: 19.187 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:164 Resp: 25822

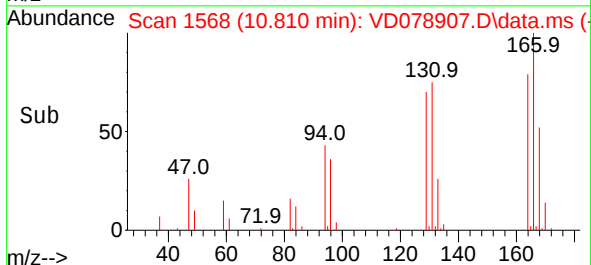
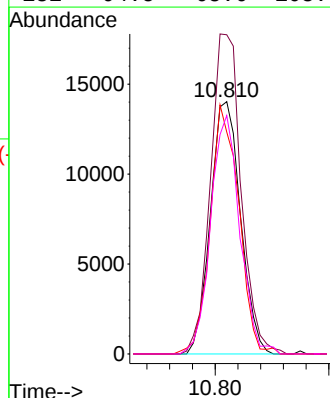
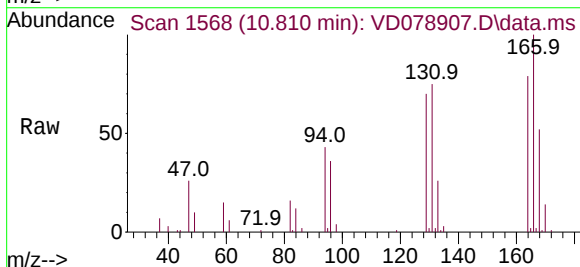
Ion Ratio Lower Upper

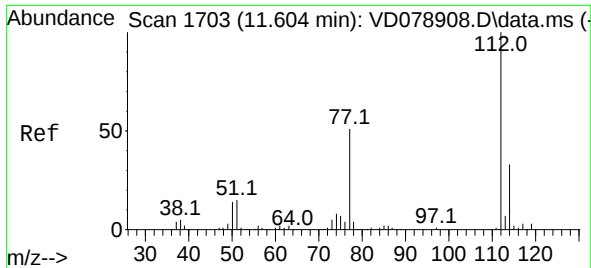
164 100

166 126.5 108.6 163.0

129 88.0 74.6 112.0

131 94.5 68.6 103.0

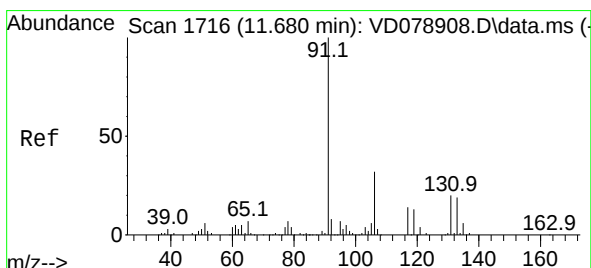
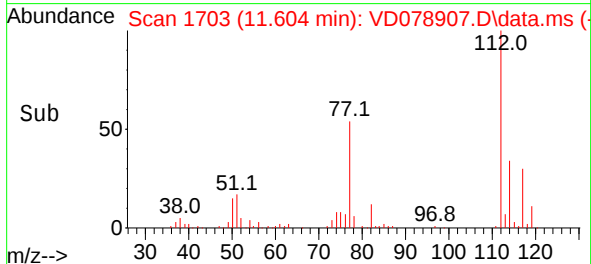
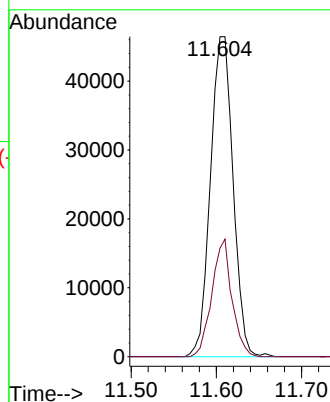
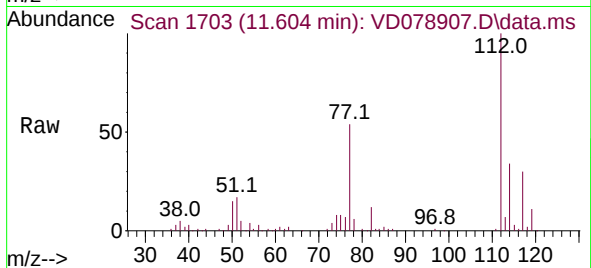




#65
Chlorobenzene
Concen: 19.422 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

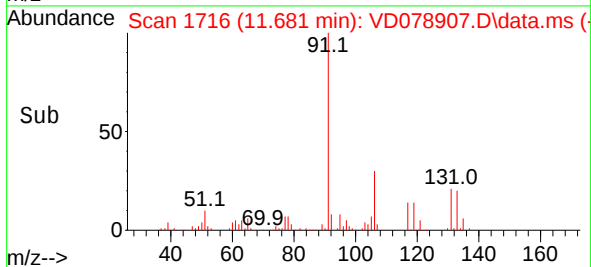
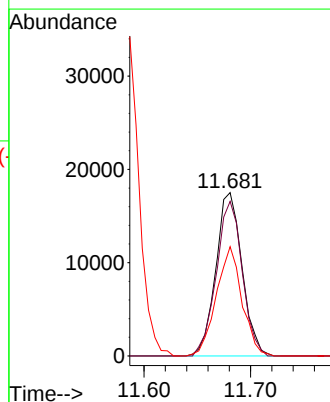
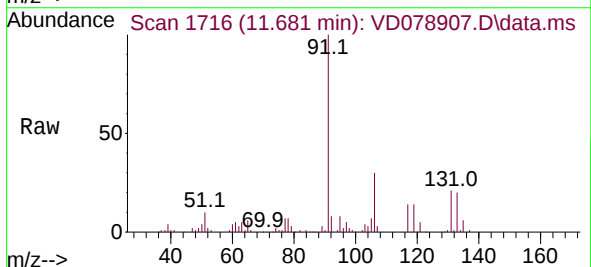
Instrument :
MSVOA_D
ClientSampleId :

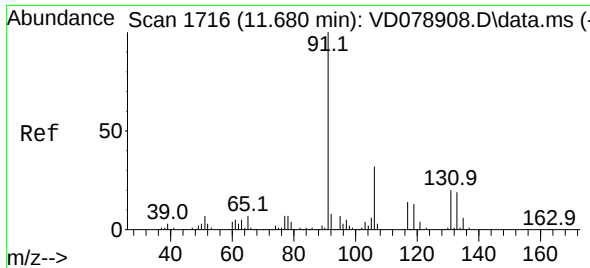
Tgt Ion:112 Resp: 85698
Ion Ratio Lower Upper
112 100
114 34.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.608 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:131 Resp: 29910
Ion Ratio Lower Upper
131 100
133 93.5 49.2 147.6
119 65.6 33.4 100.2

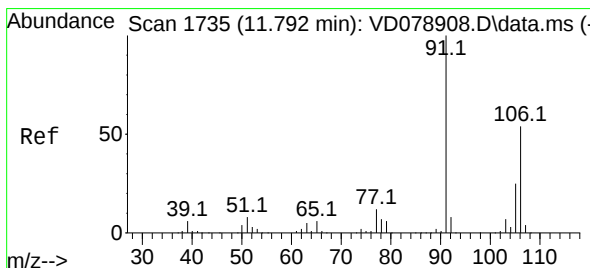
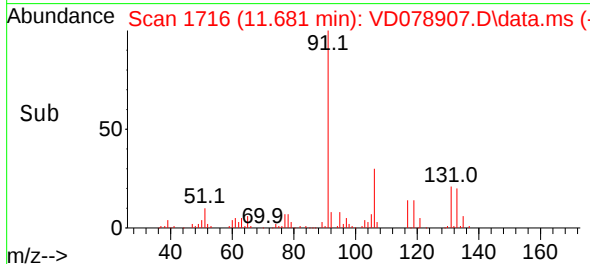
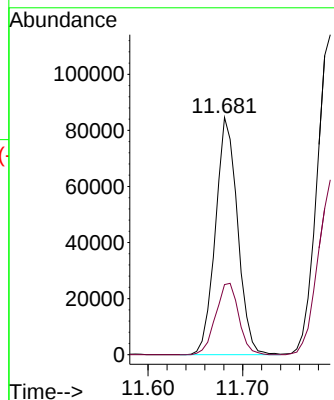
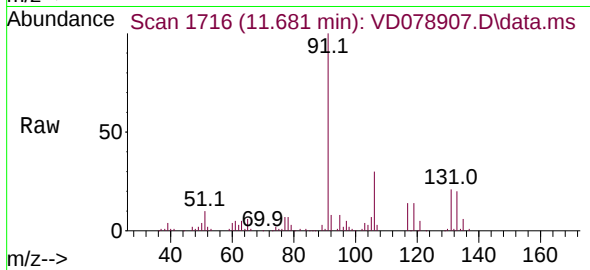




#67
Ethyl Benzene
Concen: 19.325 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

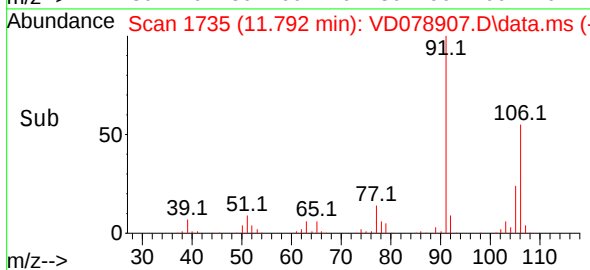
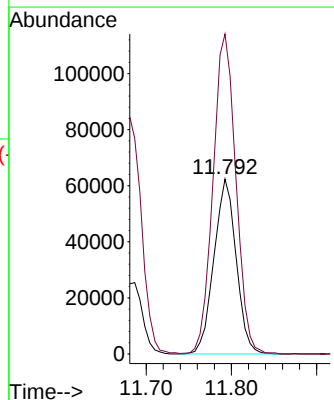
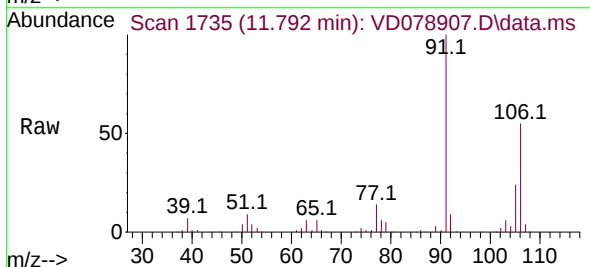
Instrument :
MSVOA_D
ClientSampleId :

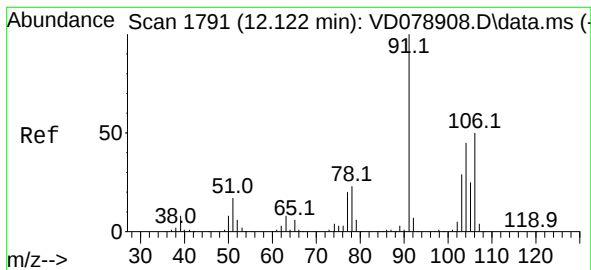
Tgt Ion: 91 Resp: 137154
Ion Ratio Lower Upper
91 100
106 29.5 25.8 38.6



#68
m/p-Xylenes
Concen: 39.168 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:106 Resp: 113017
Ion Ratio Lower Upper
106 100
91 188.4 148.5 222.7

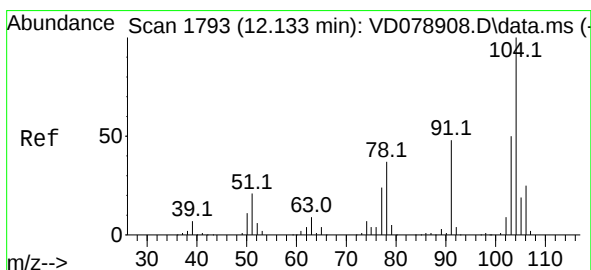
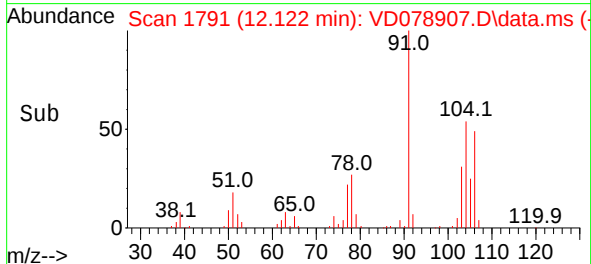
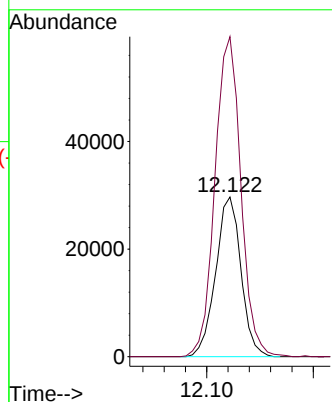
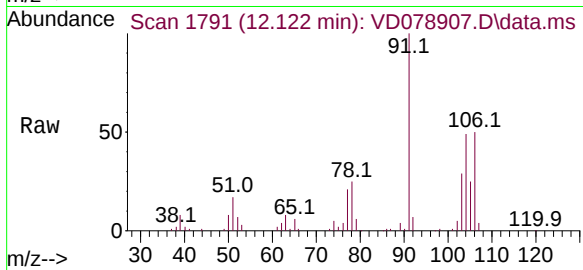




#69
o-Xylene
Concen: 18.577 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

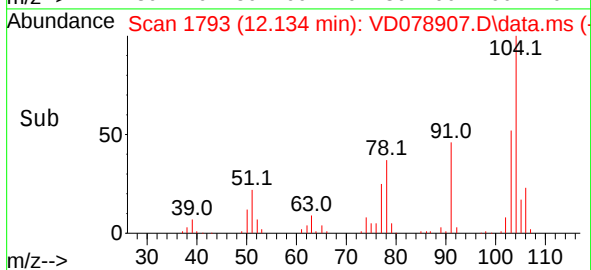
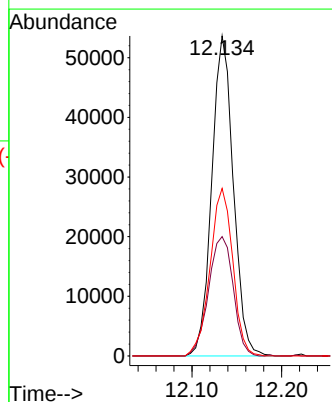
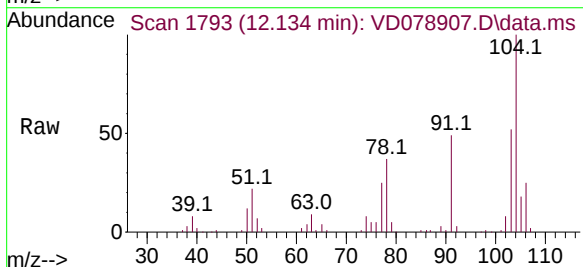
Instrument :
MSVOA_D
ClientSampleId :

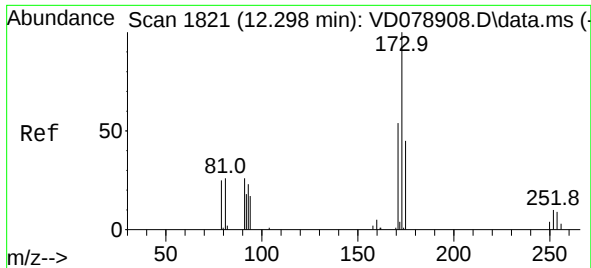
Tgt Ion:106 Resp: 48867
Ion Ratio Lower Upper
106 100
91 205.4 96.7 290.1



#70
Styrene
Concen: 19.230 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

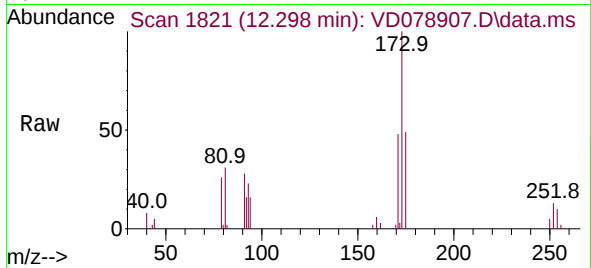
Tgt Ion:104 Resp: 89651
Ion Ratio Lower Upper
104 100
78 42.5 33.0 49.6
103 55.0 44.2 66.4



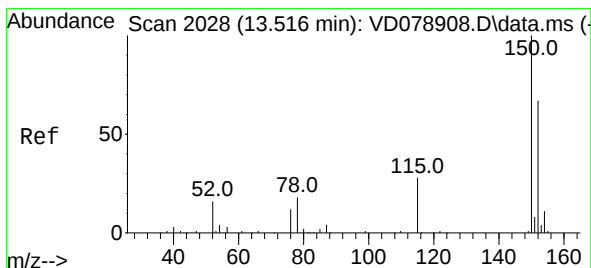
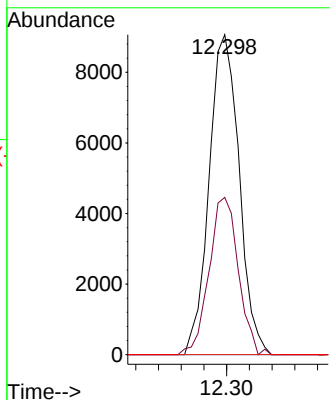
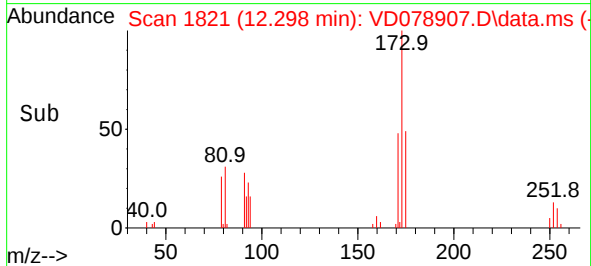


#71
Bromoform
Concen: 19.051 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :

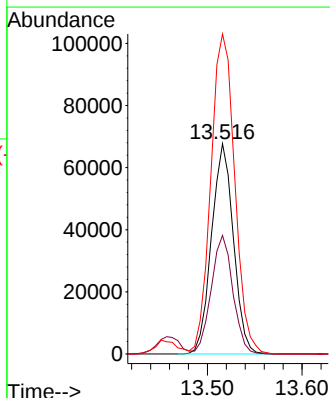
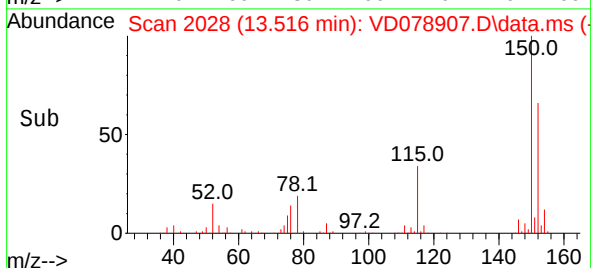
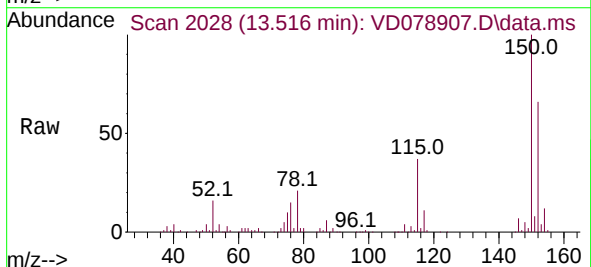


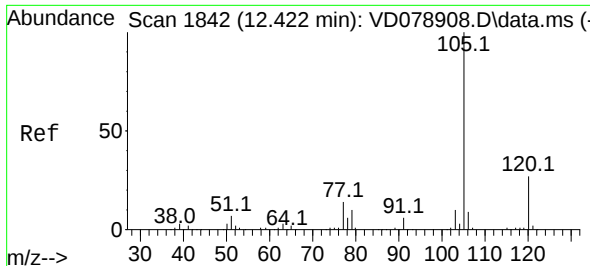
Tgt Ion:173 Resp: 16647
Ion Ratio Lower Upper
173 100
175 47.8 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion:152 Resp: 108496
Ion Ratio Lower Upper
152 100
115 55.9 26.5 79.5
150 166.2 0.0 341.6

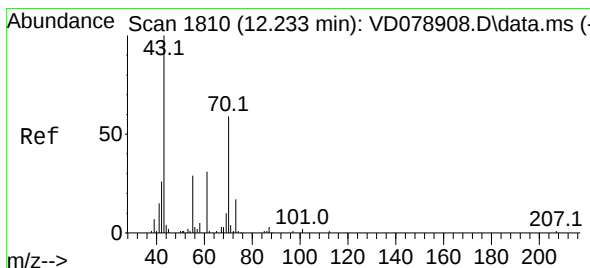
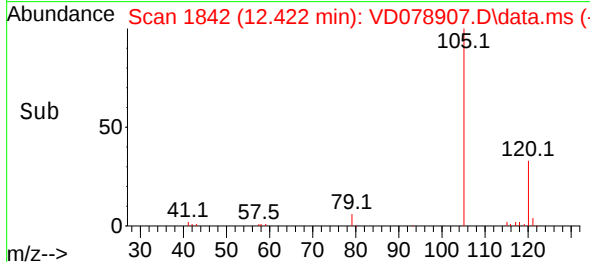
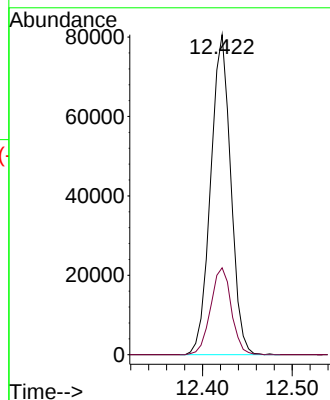
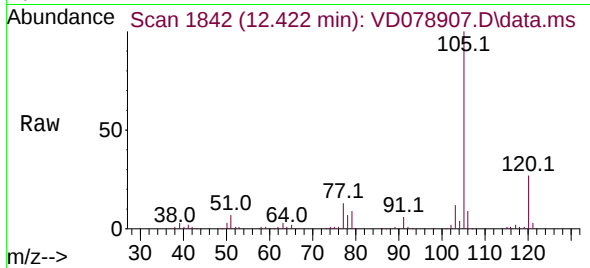




#73
Isopropylbenzene
Concen: 19.345 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

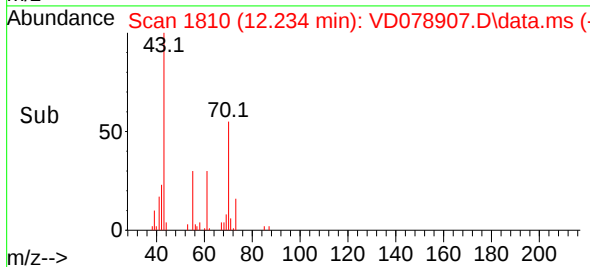
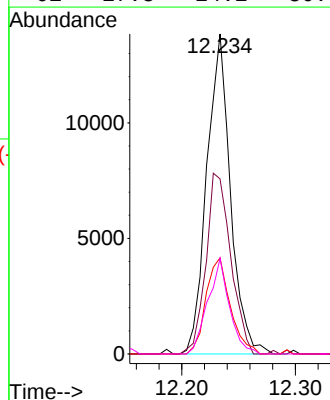
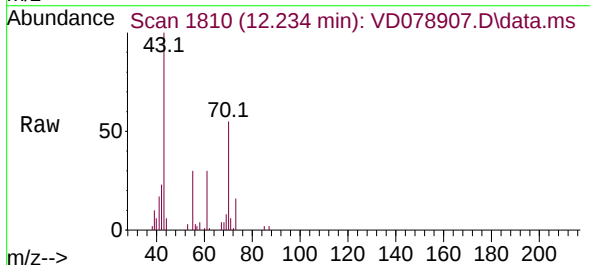
Instrument :
MSVOA_D
ClientSampleId :

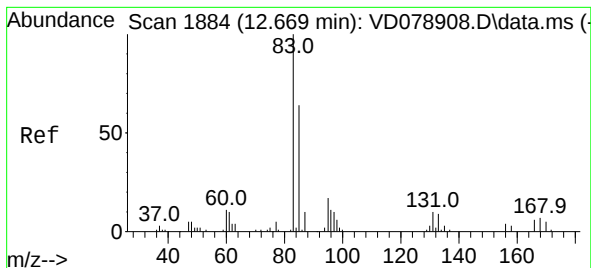
Tgt Ion:105 Resp: 125272
Ion Ratio Lower Upper
105 100
120 28.0 13.6 40.7



#74
N-ethyl acetate
Concen: 19.081 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 43 Resp: 20049
Ion Ratio Lower Upper
43 100
70 59.1 44.3 66.5
55 30.9 23.2 34.8
61 27.3 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.071 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

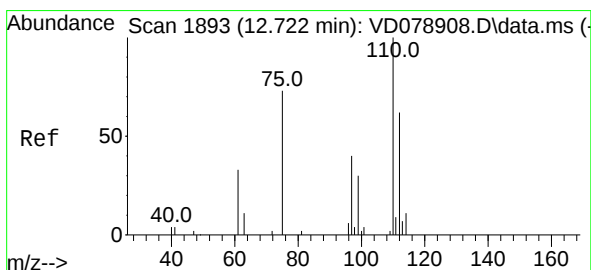
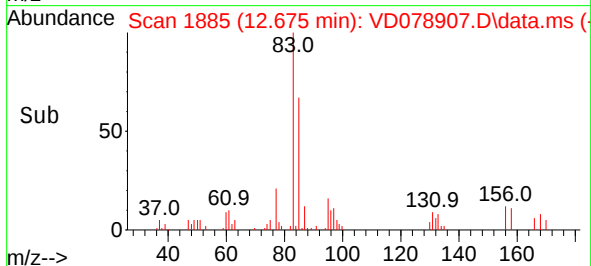
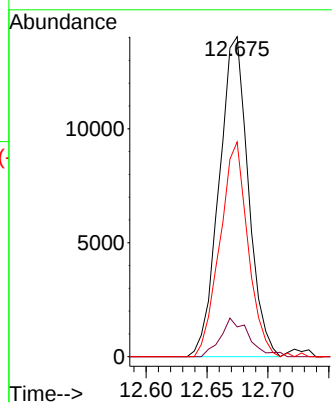
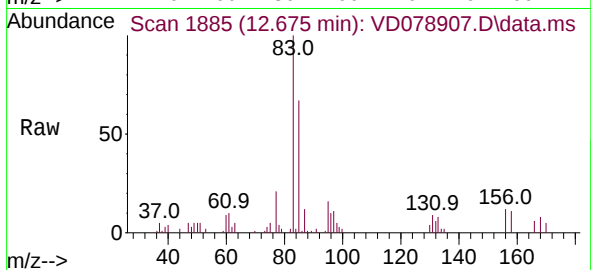
Tgt Ion: 83 Resp: 23444

Ion Ratio Lower Upper

83 100

131 11.8 5.5 16.5

85 64.2 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 36.269 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078907.D

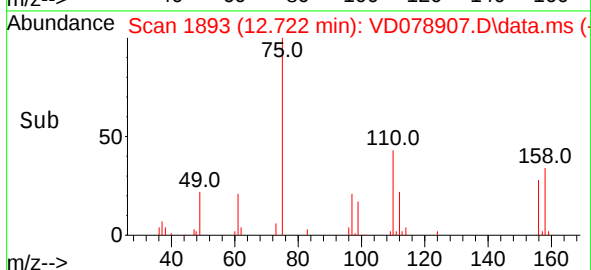
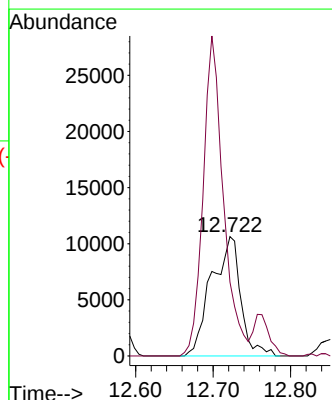
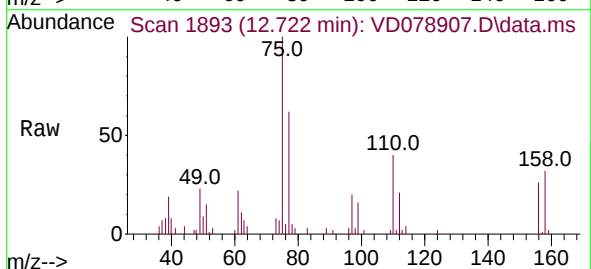
Acq: 13 May 2024 11:17

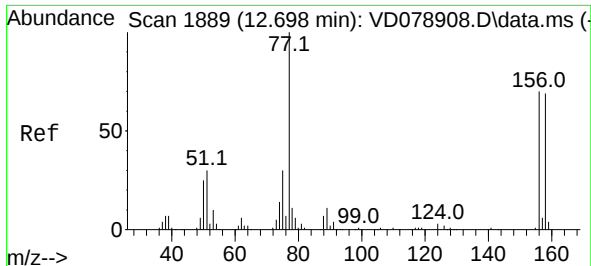
Tgt Ion: 75 Resp: 27907

Ion Ratio Lower Upper

75 100

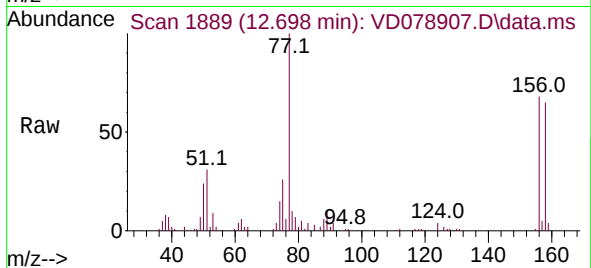
77 0.0 0.0 0.0



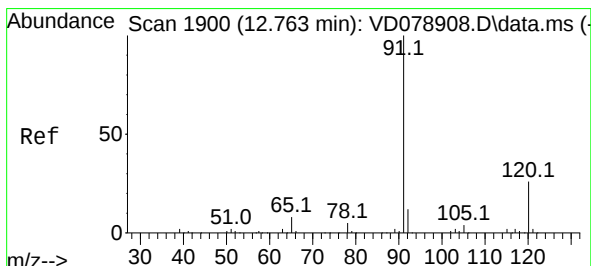
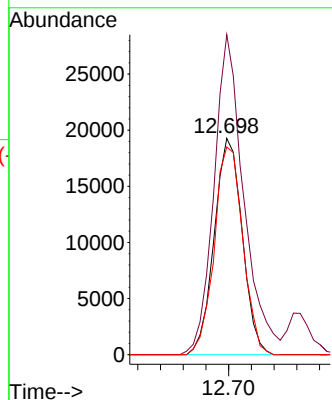
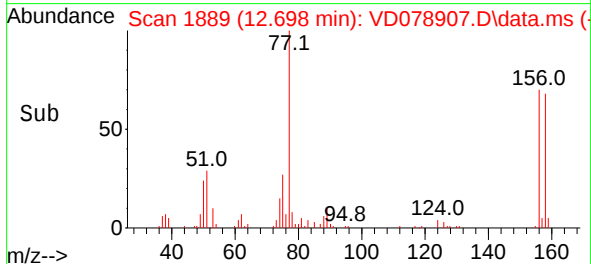


#77
Bromobenzene
Concen: 19.399 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

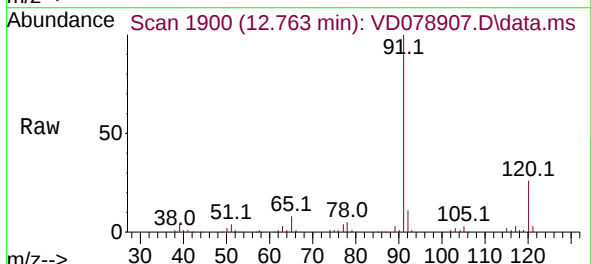
Instrument :
MSVOA_D
ClientSampleId :



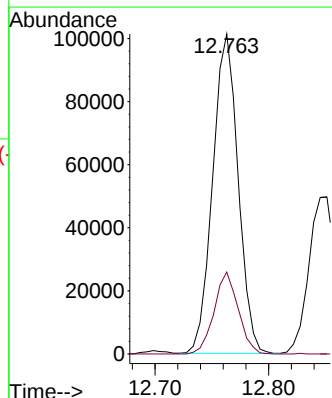
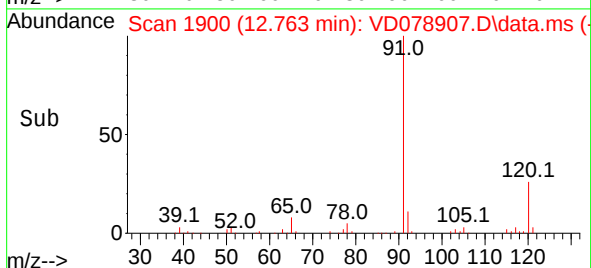
Tgt Ion:156 Resp: 33034
Ion Ratio Lower Upper
156 100
77 157.4 77.3 231.9
158 97.7 49.6 149.0

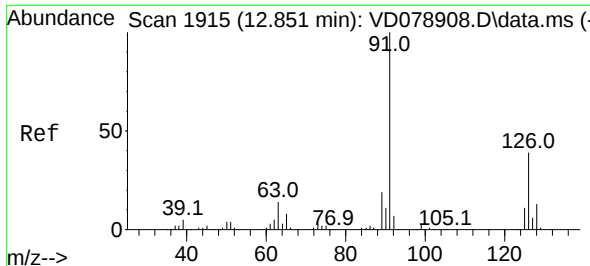


#78
n-propylbenzene
Concen: 20.117 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17



Tgt Ion: 91 Resp: 157455
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8





#79

2-Chlorotoluene

Concen: 19.477 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

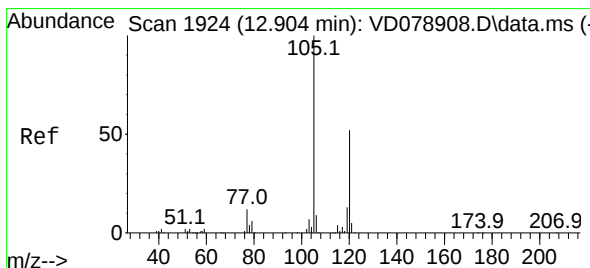
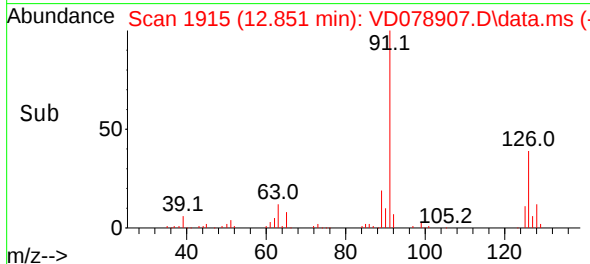
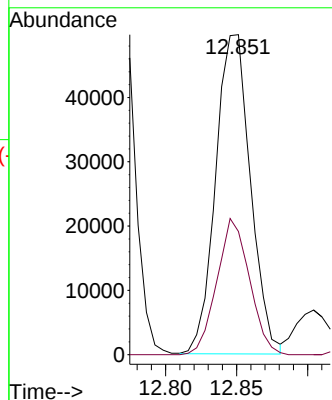
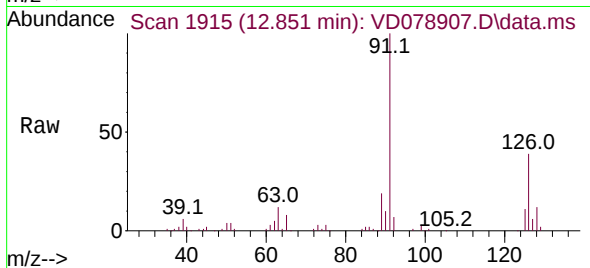
ClientSampleId :

Tgt Ion: 91 Resp: 84731

Ion Ratio Lower Upper

91 100

126 39.9 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 20.012 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078907.D

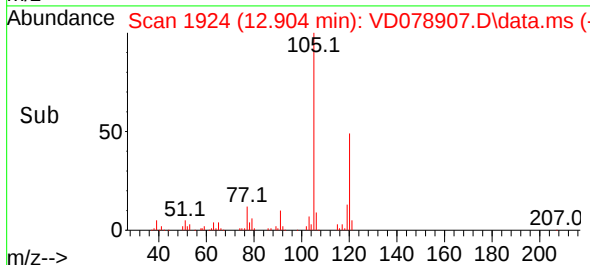
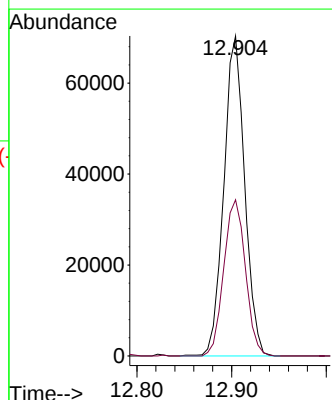
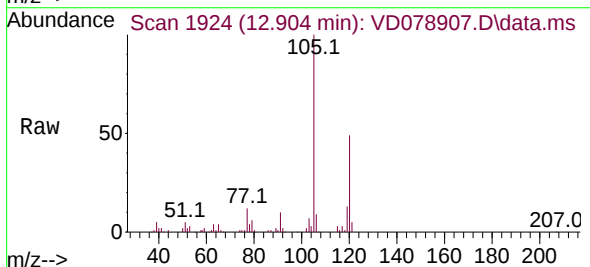
Acq: 13 May 2024 11:17

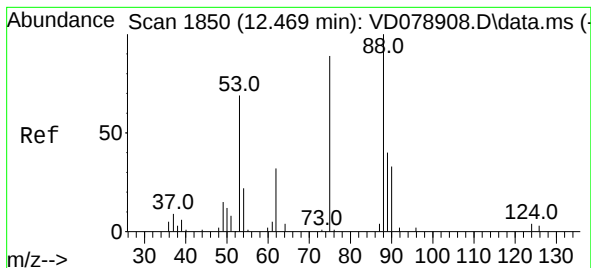
Tgt Ion:105 Resp: 107667

Ion Ratio Lower Upper

105 100

120 50.7 25.7 77.1

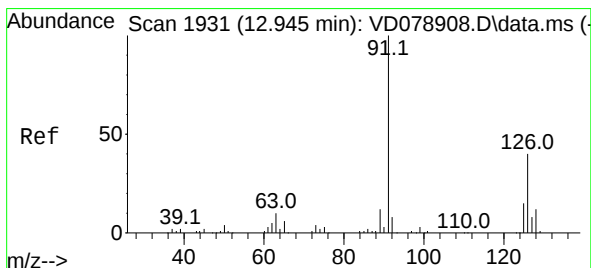
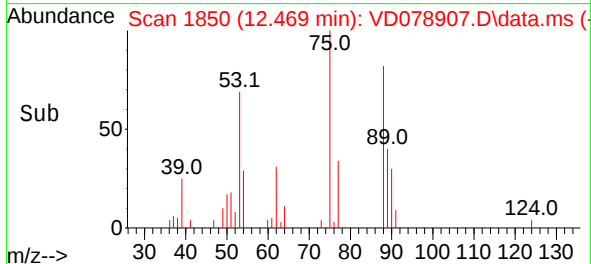
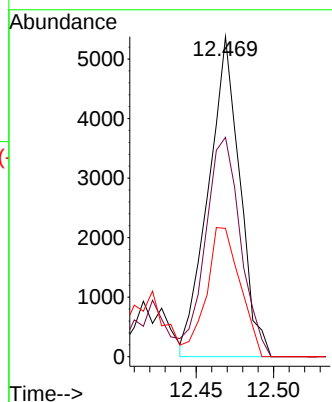
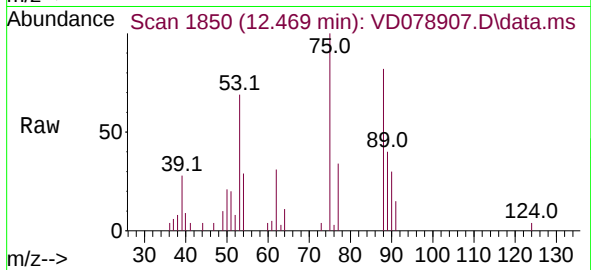




#81
trans-1,4-Dichloro-2-butene
Concen: 19.723 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

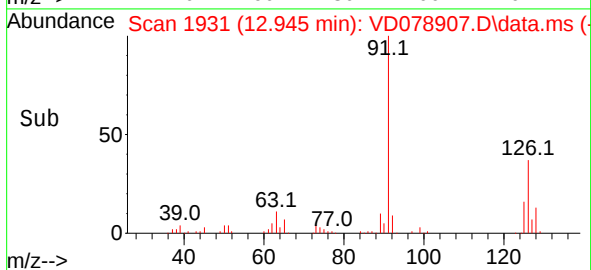
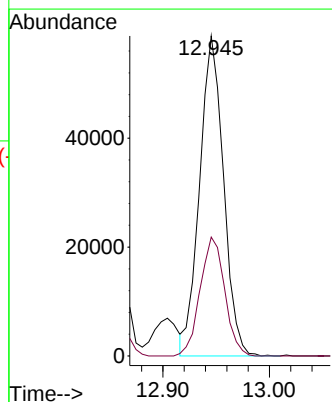
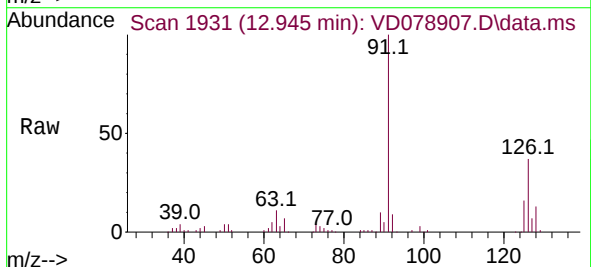
Instrument :
MSVOA_D
ClientSampleId :

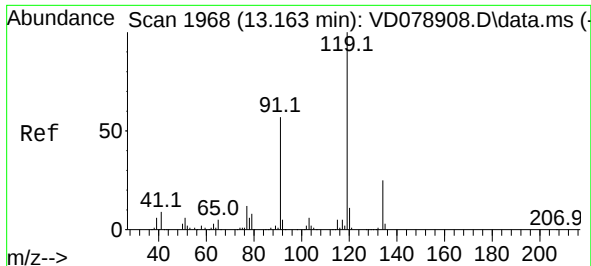
Tgt Ion: 75 Resp: 7597
Ion Ratio Lower Upper
75 100
53 75.9 61.4 92.2
89 43.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.110 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 91 Resp: 91779
Ion Ratio Lower Upper
91 100
126 38.2 18.9 56.9





#83

tert-Butylbenzene

Concen: 19.046 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

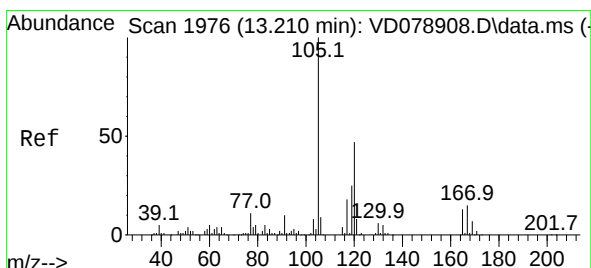
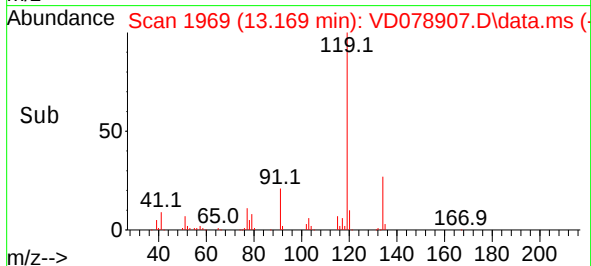
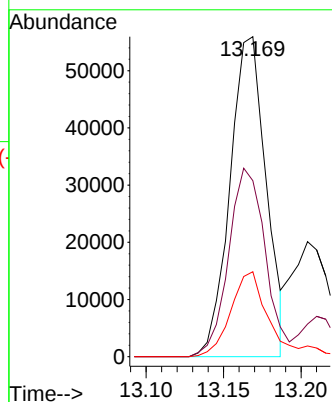
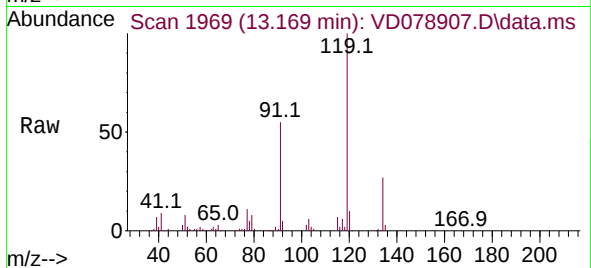
Tgt Ion:119 Resp: 90625

Ion Ratio Lower Upper

119 100

91 59.9 28.2 84.7

134 28.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.925 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078907.D

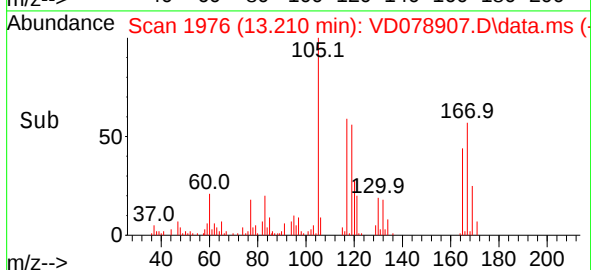
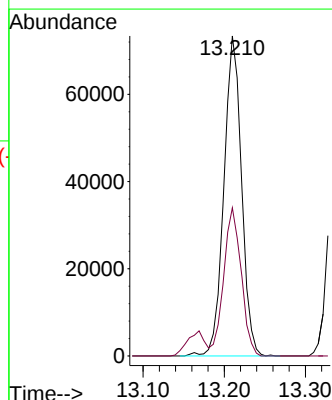
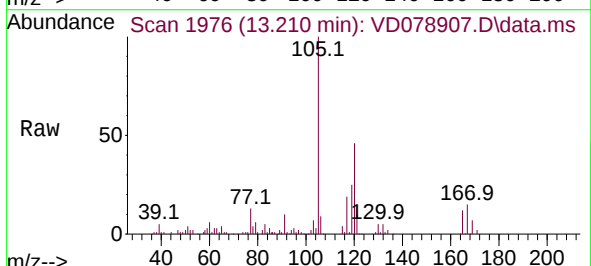
Acq: 13 May 2024 11:17

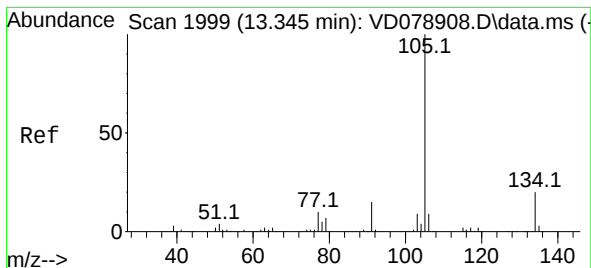
Tgt Ion:105 Resp: 111036

Ion Ratio Lower Upper

105 100

120 45.9 23.6 71.0





#85

sec-Butylbenzene

Concen: 19.446 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

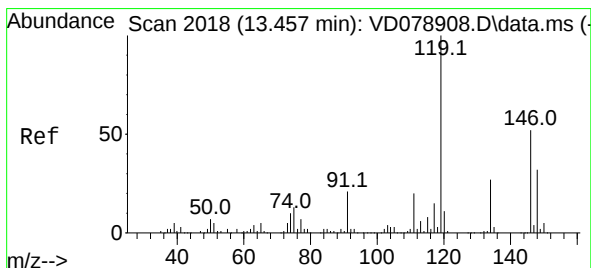
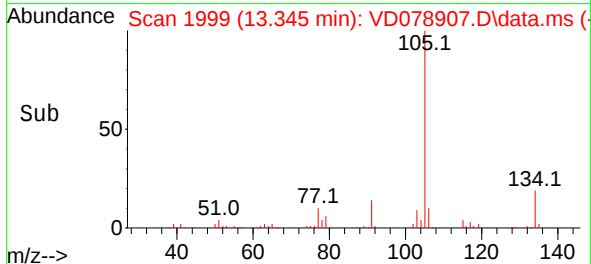
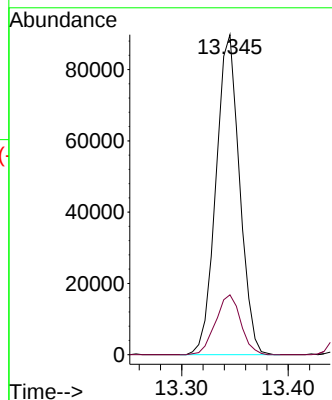
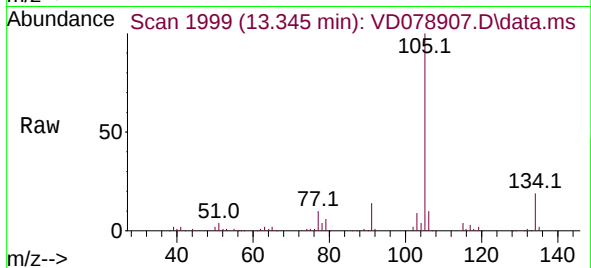
ClientSampleId :

Tgt Ion:105 Resp: 138023

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.534 ug/l

RT: 13.457 min Scan# 1818

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

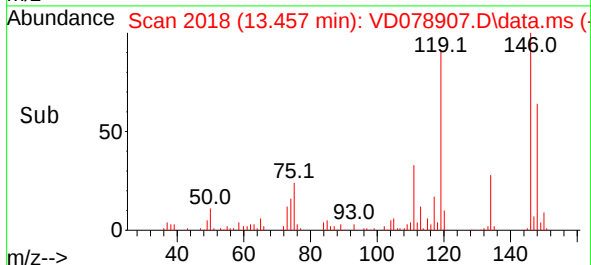
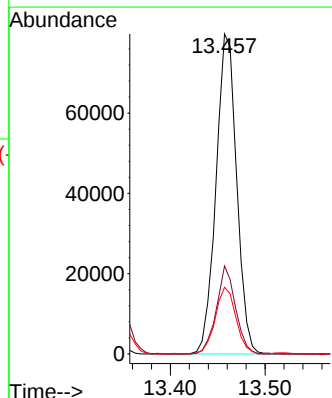
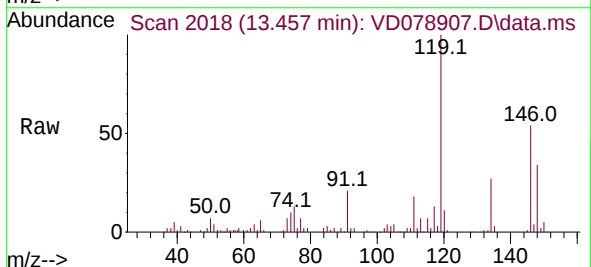
Tgt Ion:119 Resp: 120796

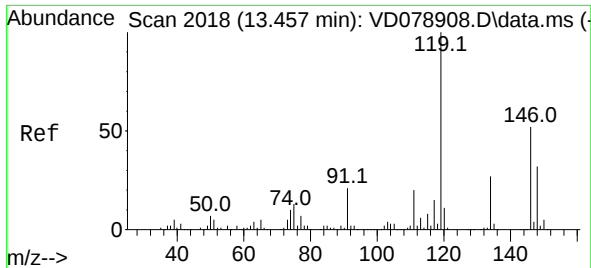
Ion Ratio Lower Upper

119 100

134 25.4 13.7 41.1

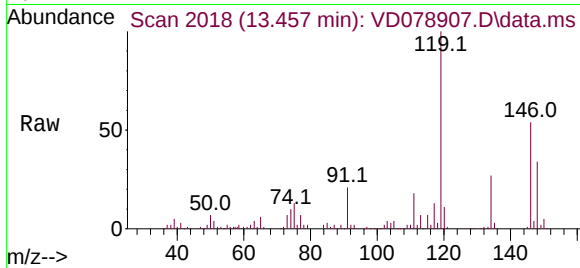
91 20.9 10.7 32.1



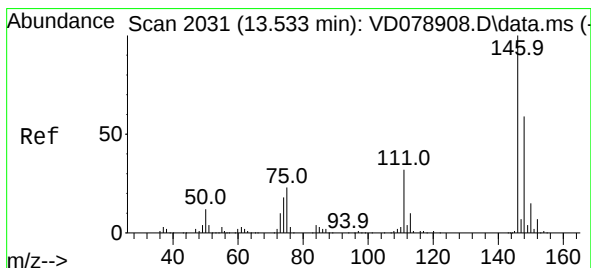
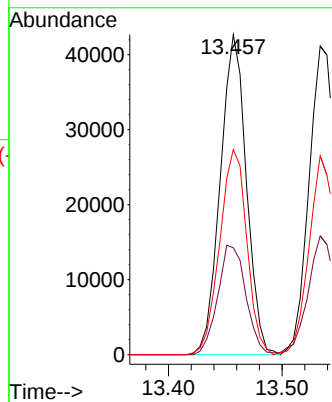
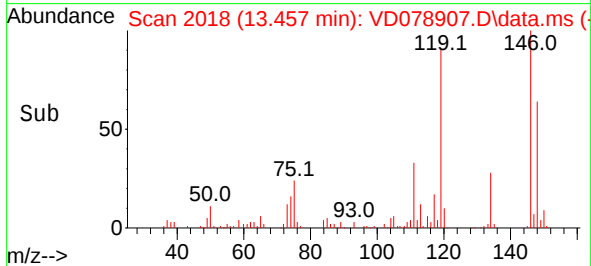


#87
1,3-Dichlorobenzene
Concen: 18.904 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

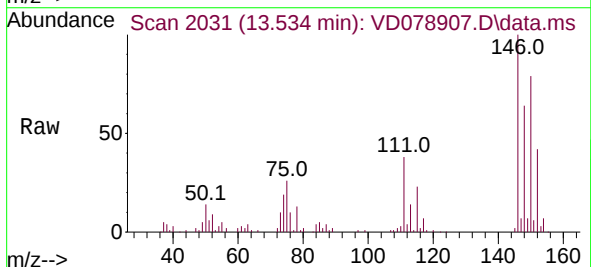
Instrument :
MSVOA_D
ClientSampleId :



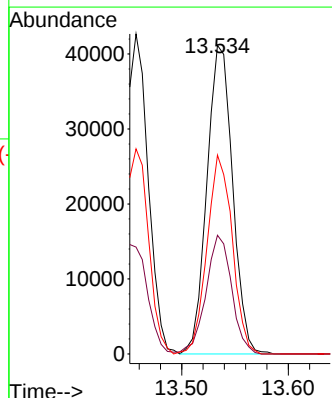
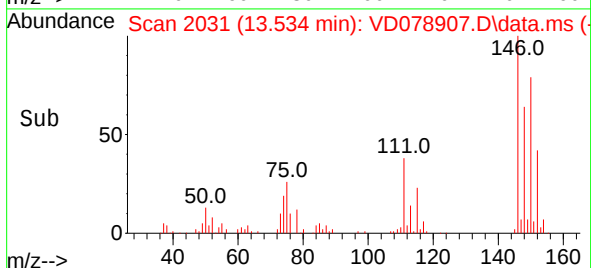
Tgt Ion:146 Resp: 68121
Ion Ratio Lower Upper
146 100
111 36.8 18.5 55.5
148 66.5 30.9 92.8

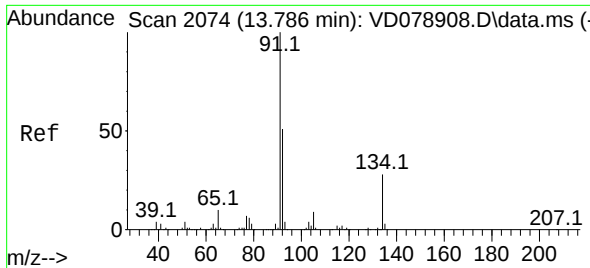


#88
1,4-Dichlorobenzene
Concen: 19.552 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17



Tgt Ion:146 Resp: 68999
Ion Ratio Lower Upper
146 100
111 38.5 17.5 52.6
148 63.3 31.4 94.2

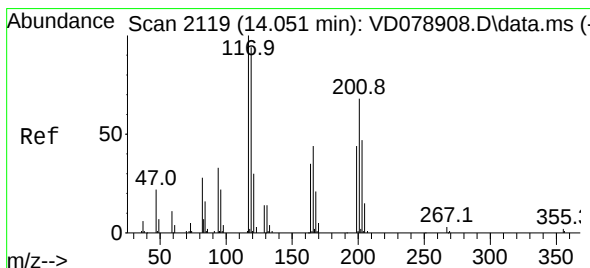
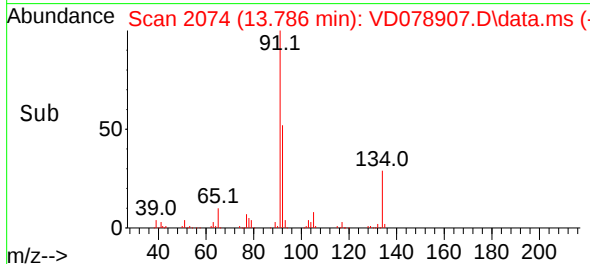
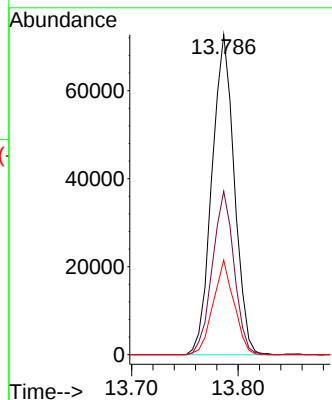
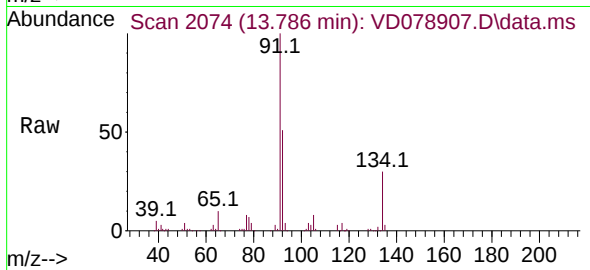




#89
n-Butylbenzene
Concen: 19.153 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

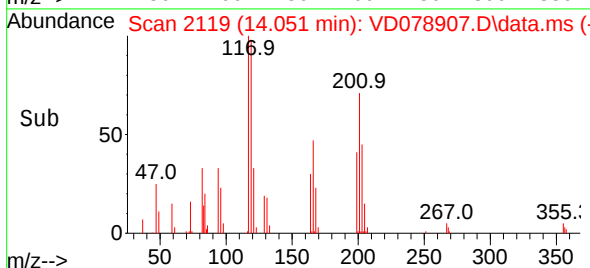
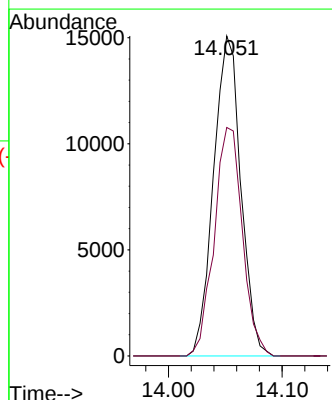
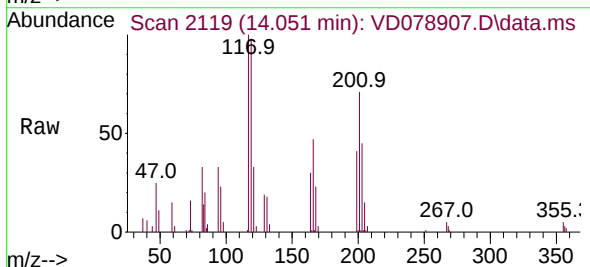
Instrument :
MSVOA_D
ClientSampleId :

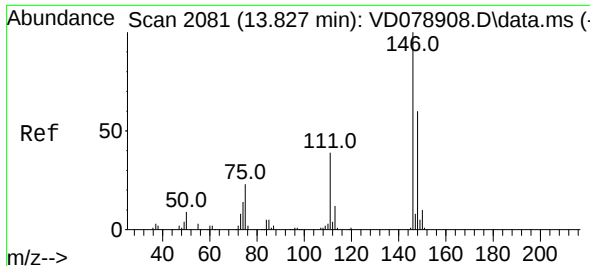
Tgt Ion: 91 Resp: 106126
Ion Ratio Lower Upper
91 100
92 49.6 25.7 77.0
134 27.6 13.6 40.8



#90
Hexachloroethane
Concen: 19.321 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

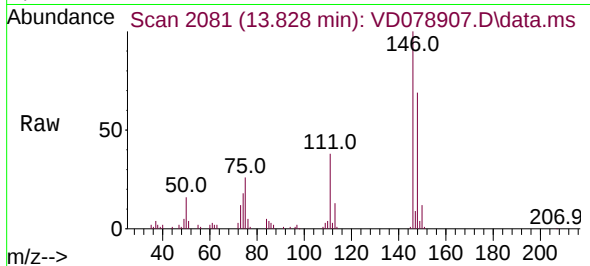
Tgt Ion: 117 Resp: 25202
Ion Ratio Lower Upper
117 100
201 73.8 36.3 108.9



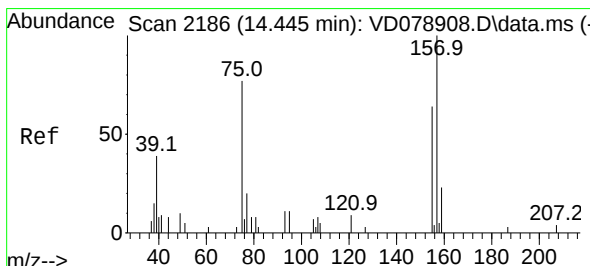
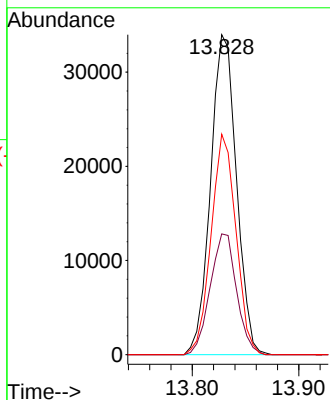
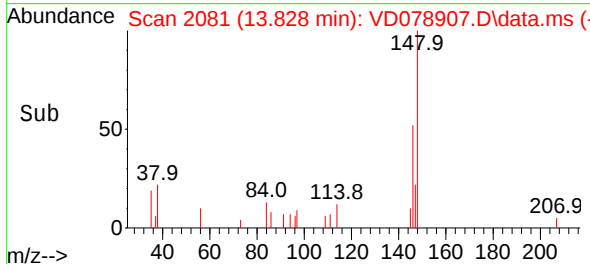


#91
1,2-Dichlorobenzene
Concen: 18.978 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :

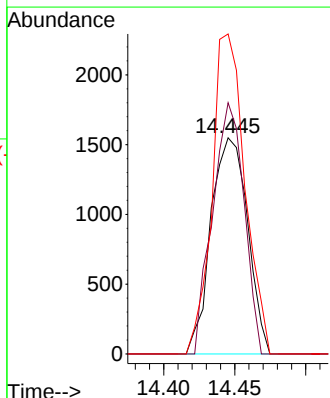
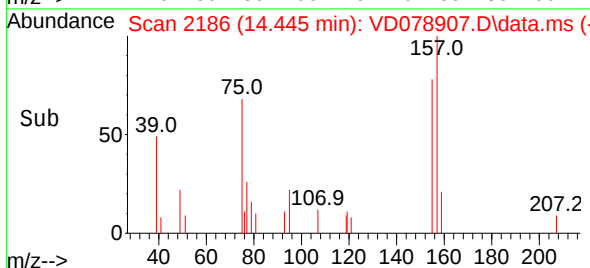
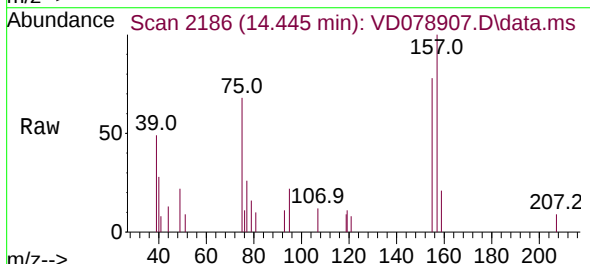


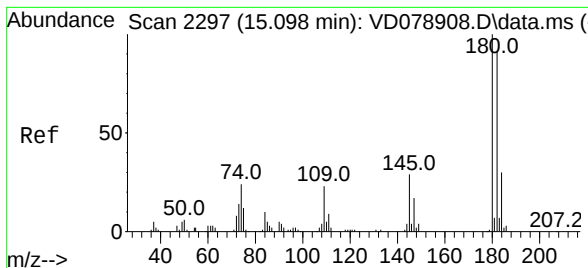
Tgt Ion:146 Resp: 57221
Ion Ratio Lower Upper
146 100
111 38.6 19.1 57.1
148 66.2 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.864 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078907.D
Acq: 13 May 2024 11:17

Tgt Ion: 75 Resp: 2778
Ion Ratio Lower Upper
75 100
155 99.7 47.7 143.1
157 132.9 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 19.125 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

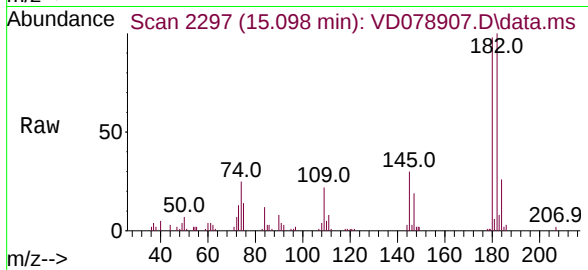
Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :



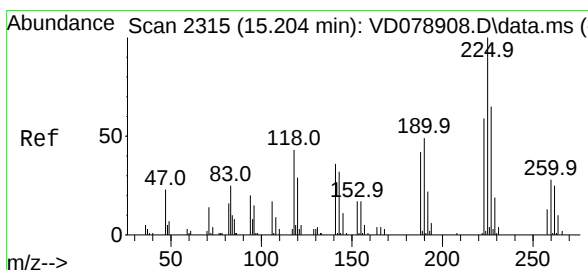
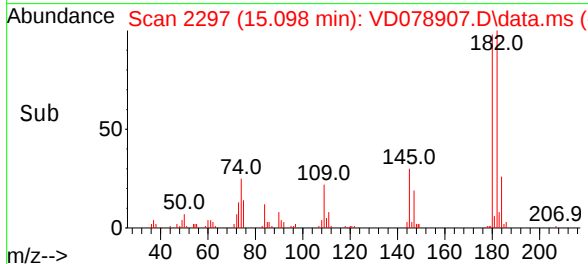
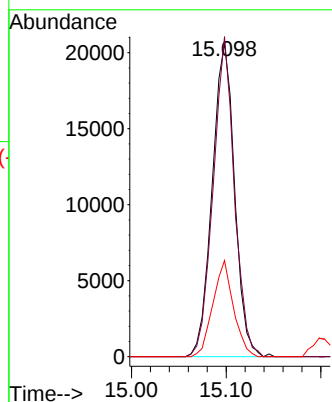
Tgt Ion:180 Resp: 33857

Ion Ratio Lower Upper

180 100

182 96.3 46.9 140.7

145 28.1 14.0 41.9



#94

Hexachlorobutadiene

Concen: 18.982 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

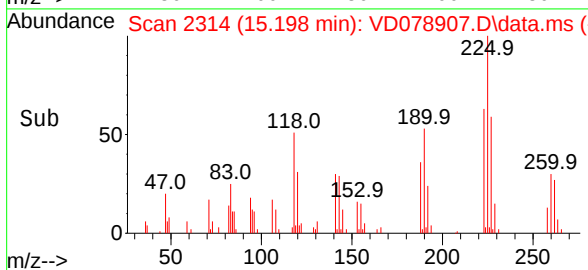
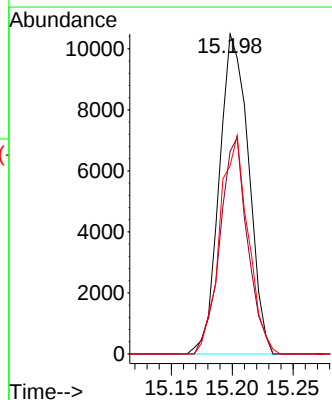
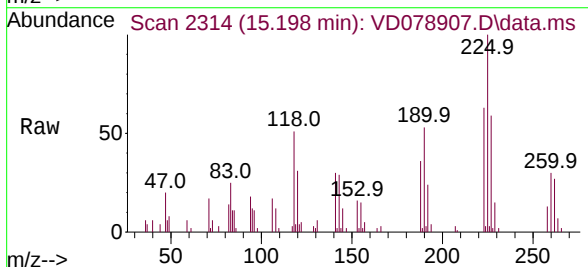
Tgt Ion:225 Resp: 17561

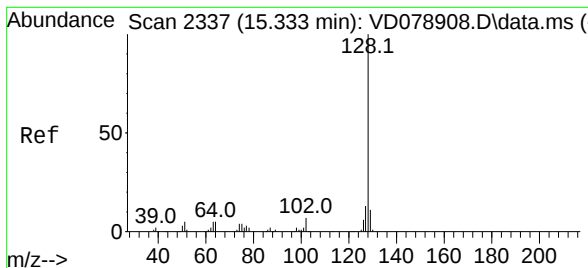
Ion Ratio Lower Upper

225 100

223 63.5 33.3 99.9

227 66.3 33.6 100.6





#95

Naphthalene

Concen: 18.886 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.005 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

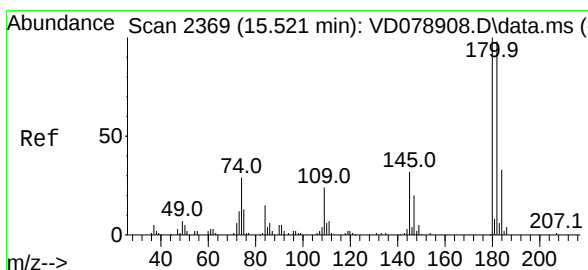
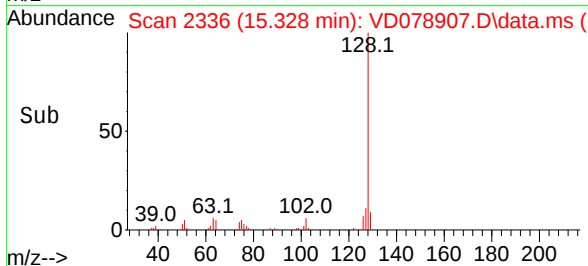
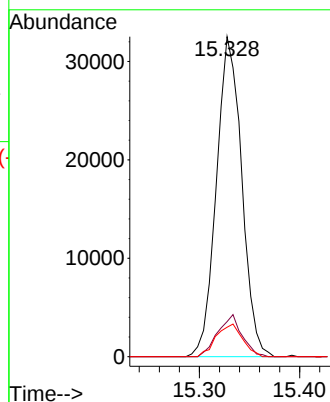
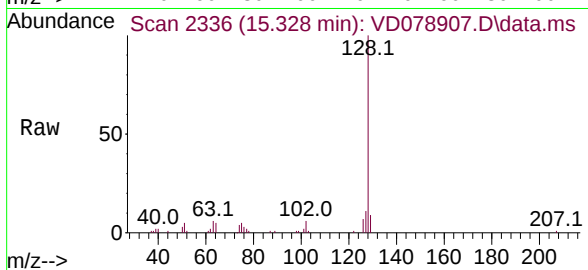
Tgt Ion:128 Resp: 56949

Ion Ratio Lower Upper

128 100

127 11.0 10.2 15.4

129 9.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.786 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078907.D

Acq: 13 May 2024 11:17

Tgt Ion:180 Resp: 29584

Ion Ratio Lower Upper

180 100

182 93.1 47.8 143.3

145 29.6 16.1 48.2

