

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078189.D
 Acq On : 22 Jan 2024 11:27
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 22 14:29:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 22 14:29:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	134550	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	239369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	222211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	103205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29836	18.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.480%#
35) Dibromofluoromethane	7.810	113	30886	19.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.560%#
50) Toluene-d8	10.275	98	119596	19.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	38.180%#
62) 4-Bromofluorobenzene	12.575	95	33581	18.487	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.980%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	40261	27.074	ug/l	97
3) Chloromethane	2.152	50	55817	23.083	ug/l	97
4) Vinyl Chloride	2.287	62	72465	22.114	ug/l	98
5) Bromomethane	2.693	94	50080	21.330	ug/l	98
6) Chloroethane	2.840	64	47842	21.533	ug/l	95
7) Trichlorofluoromethane	3.181	101	63642	21.804	ug/l	100
8) Diethyl Ether	3.599	74	16497	20.432	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.969	101	36840	21.058	ug/l	97
10) Methyl Iodide	4.169	142	38872	22.153	ug/l	# 90
11) Tert butyl alcohol	5.063	59	8051	101.933	ug/l	# 73
12) 1,1-Dichloroethene	3.946	96	35941	21.503	ug/l	88
13) Acrolein	3.799	56	19071	107.394	ug/l	99
14) Allyl chloride	4.569	41	45033	20.983	ug/l	87
15) Acrylonitrile	5.263	53	37831	104.944	ug/l	96
16) Acetone	4.022	43	58197	137.936	ug/l	# 85
17) Carbon Disulfide	4.281	76	119466	21.764	ug/l	99
18) Methyl Acetate	4.569	43	26102	19.629	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	69882	20.169	ug/l	96
20) Methylene Chloride	4.810	84	43079	21.408	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	39208	20.467	ug/l	# 83
22) Diisopropyl ether	6.222	45	96918	20.925	ug/l	# 94
23) Vinyl Acetate	6.163	43	201625	93.657	ug/l	93
24) 1,1-Dichloroethane	6.122	63	66301	20.625	ug/l	97
25) 2-Butanone	7.081	43	65785	124.511	ug/l	# 77
26) 2,2-Dichloropropane	7.081	77	57688	20.925	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	42655	20.444	ug/l	90
28) Bromochloromethane	7.434	49	25109	20.432	ug/l	# 79
29) Tetrahydrofuran	7.451	42	25560	99.746	ug/l	90
30) Chloroform	7.598	83	70261	21.371	ug/l	99
31) Cyclohexane	7.881	56	60354	21.073	ug/l	92
32) 1,1,1-Trichloroethane	7.804	97	61998	21.541	ug/l	97
36) 1,1-Dichloropropene	8.010	75	55913	21.186	ug/l	95
37) Ethyl Acetate	7.169	43	21321	22.124	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	54392	20.701	ug/l	96
39) Methylcyclohexane	9.281	83	66520	21.425	ug/l	95
40) Benzene	8.251	78	155403	20.830	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	12568	22.335	ug/l #	80
42) 1,2-Dichloroethane	8.334	62	40940	21.040	ug/l	93
43) Isopropyl Acetate	8.369	43	38071	21.100	ug/l #	89
44) Trichloroethene	9.028	130	39633	20.798	ug/l	95
45) 1,2-Dichloropropane	9.310	63	37716	20.366	ug/l	97
46) Dibromomethane	9.398	93	20992	20.698	ug/l #	87
47) Bromodichloromethane	9.587	83	51262	20.269	ug/l	99
48) Methyl methacrylate	9.381	41	20304	19.763	ug/l #	78
49) 1,4-Dioxane	9.387	88	3862	417.537	ug/l #	86
51) 4-Methyl-2-Pentanone	10.163	43	98646	104.171	ug/l	88
52) Toluene	10.334	92	96698	20.661	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	48032	20.392	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	57324	20.229	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	27850	20.732	ug/l	97
56) Ethyl methacrylate	10.604	69	22579	20.137	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	47415	20.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	68652	102.524	ug/l	96
59) 2-Hexanone	10.922	43	94897	118.797	ug/l	86
60) Dibromochloromethane	11.075	129	33414	20.900	ug/l	97
61) 1,2-Dibromoethane	11.181	107	25965	20.381	ug/l	98
64) Tetrachloroethene	10.810	164	30653	20.948	ug/l	96
65) Chlorobenzene	11.610	112	102040	20.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.686	131	36093	20.192	ug/l	95
67) Ethyl Benzene	11.686	91	178072	19.896	ug/l	97
68) m/p-Xylenes	11.792	106	138148	40.167	ug/l	88
69) o-Xylene	12.122	106	61175	19.750	ug/l	85
70) Styrene	12.139	104	95863	20.628	ug/l	96
71) Bromoform	12.304	173	17902	20.516	ug/l #	99
73) Isopropylbenzene	12.422	105	168489	20.537	ug/l	95
74) N-amyl acetate	12.239	43	32131	20.619	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	30601	20.039	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	38641	22.585	ug/l #	100
77) Bromobenzene	12.698	156	36598	20.166	ug/l	86
78) n-propylbenzene	12.763	91	208443	20.571	ug/l	94
79) 2-Chlorotoluene	12.851	91	110794	20.408	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	141384	20.864	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	10228	20.970	ug/l	95
82) 4-Chlorotoluene	12.951	91	119312	21.124	ug/l	92
83) tert-Butylbenzene	13.169	119	114139	19.989	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	137279	20.021	ug/l	95
85) sec-Butylbenzene	13.345	105	174665	20.376	ug/l	95
86) p-Isopropyltoluene	13.463	119	152034	20.238	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	76553	20.300	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	74466	20.329	ug/l	95
89) n-Butylbenzene	13.786	91	146904	20.411	ug/l	97
90) Hexachloroethane	14.051	117	30705	20.463	ug/l	80
91) 1,2-Dichlorobenzene	13.833	146	64931	20.504	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4190	19.517	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	37969	20.021	ug/l	97
94) Hexachlorobutadiene	15.204	225	20141	21.038	ug/l	94
95) Naphthalene	15.333	128	71169	19.774	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	31682	19.604	ug/l	95

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Quant Title : SW846 8260
QLast Update : Mon Jan 22 14:29:37 2024
Response via : Initial Calibration

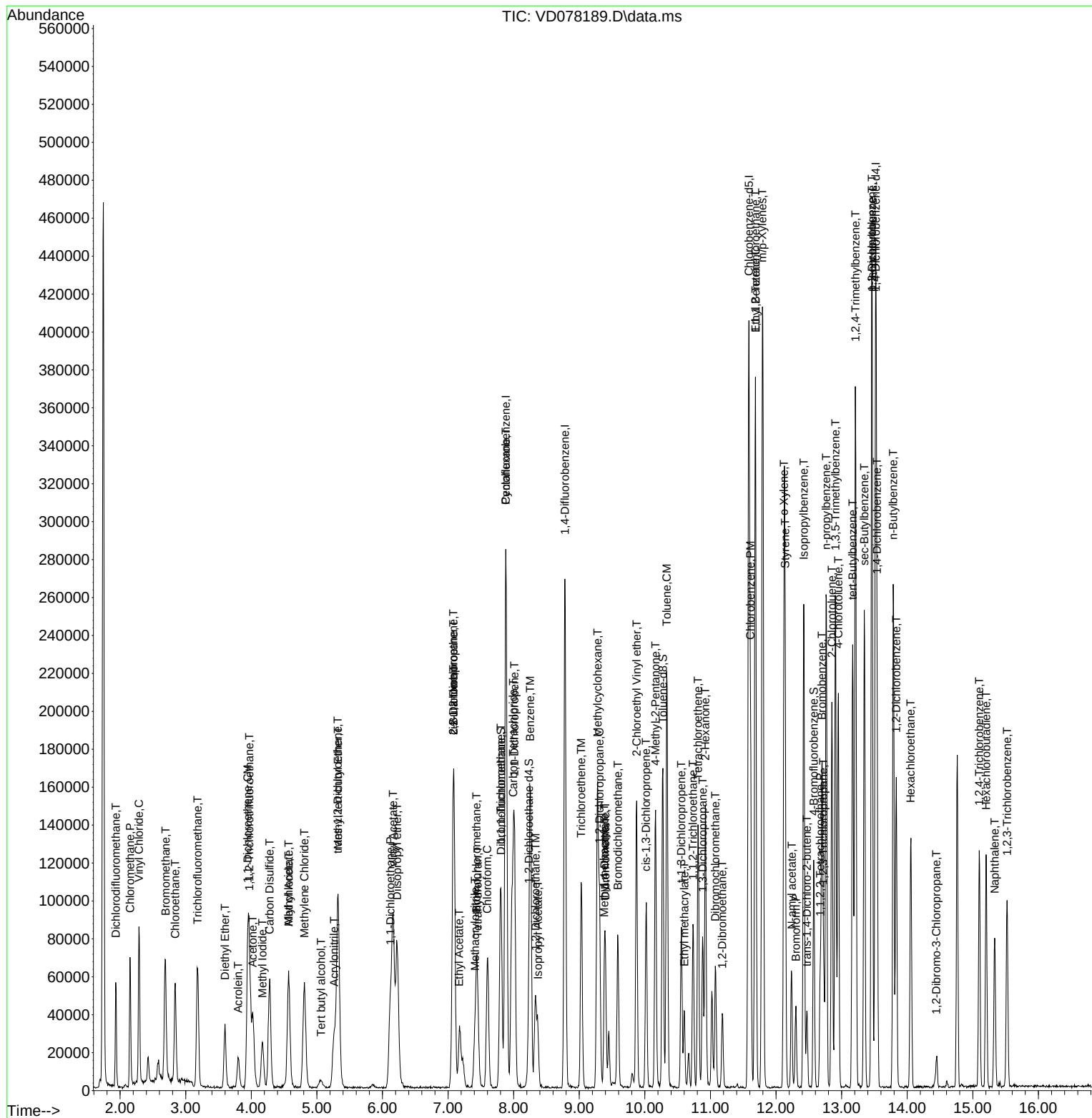
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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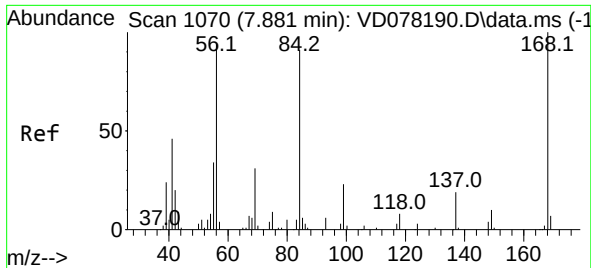
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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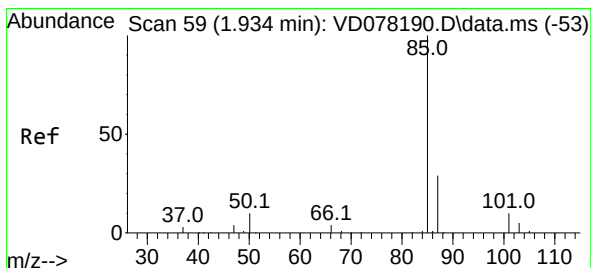
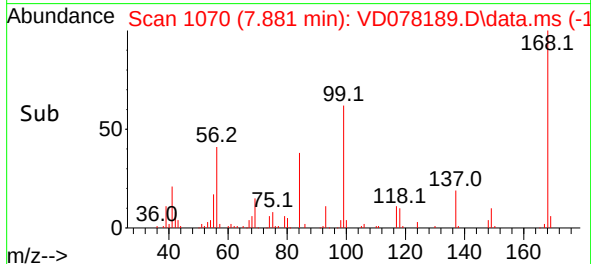
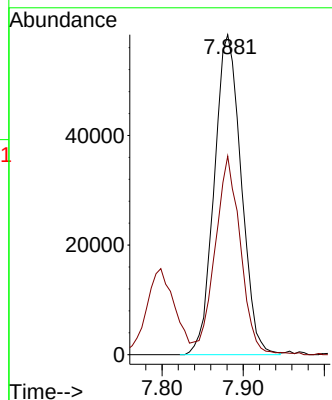
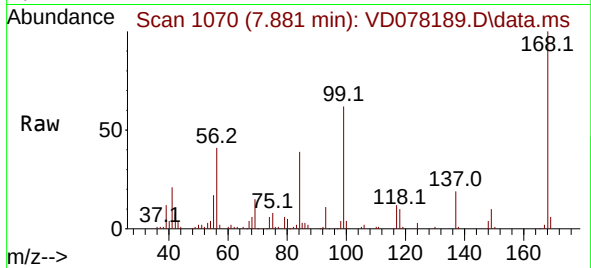




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078189.D
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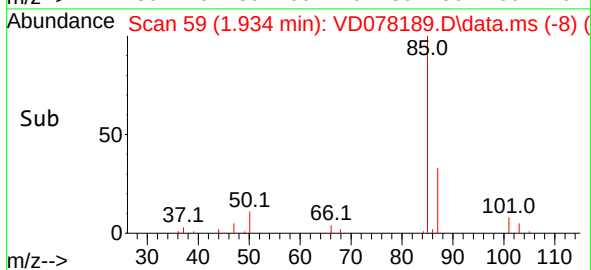
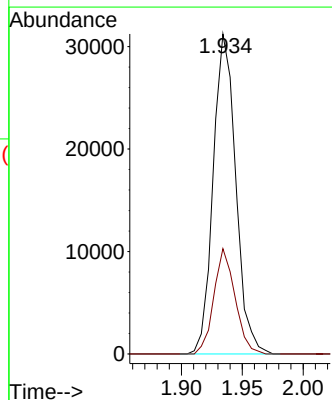
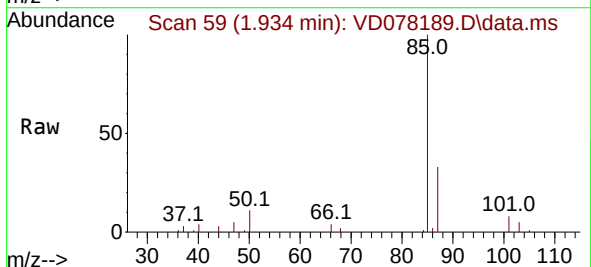
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

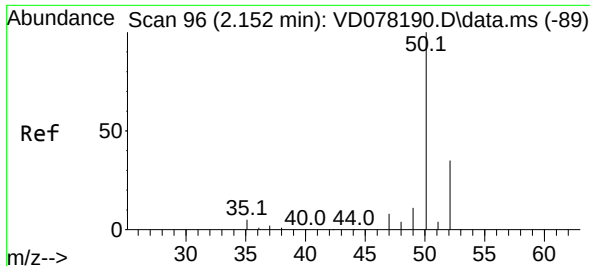
Tgt Ion:168 Resp: 134550
Ion Ratio Lower Upper
168 100
99 61.3 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 27.074 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 85 Resp: 40261
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

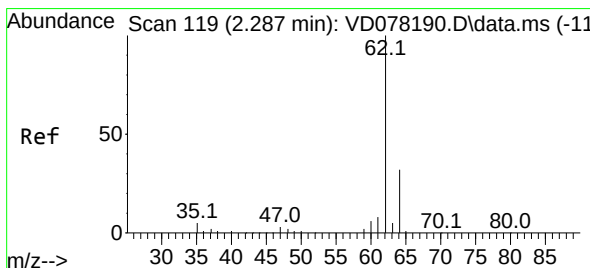
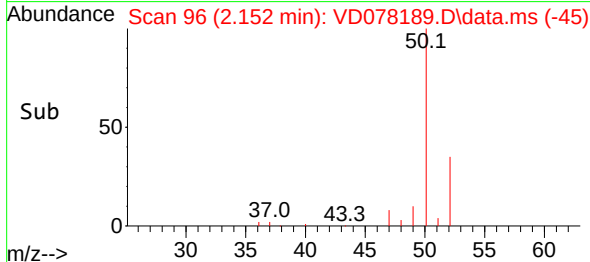
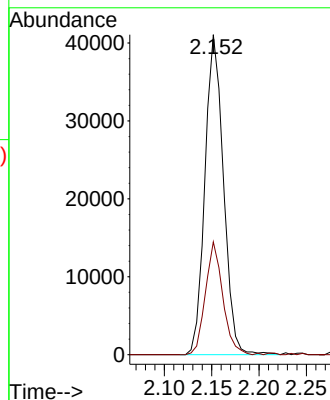
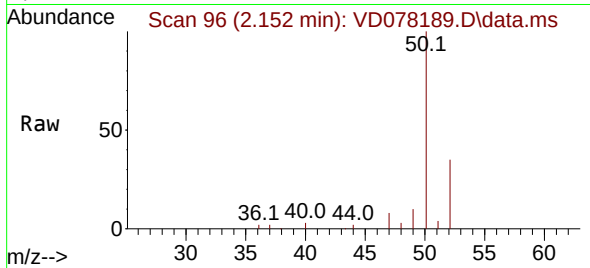




#3
Chloromethane
Concen: 23.083 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

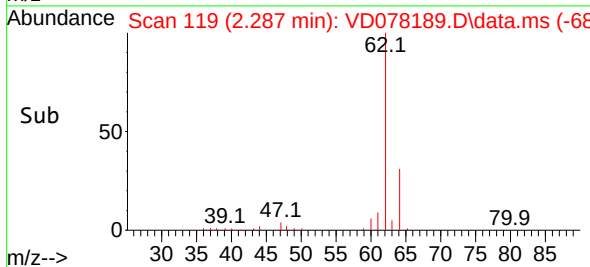
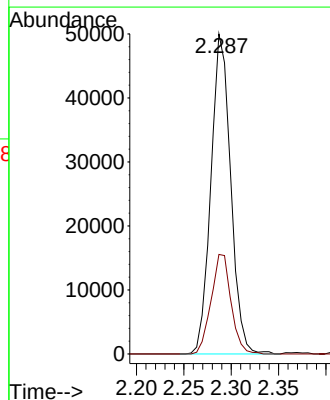
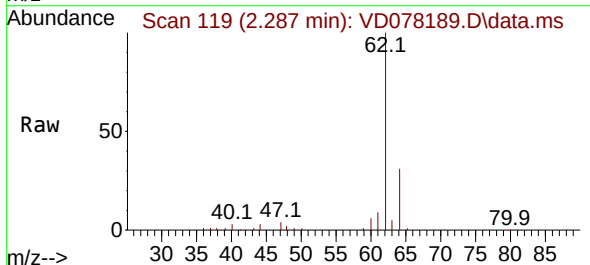
Instrument :
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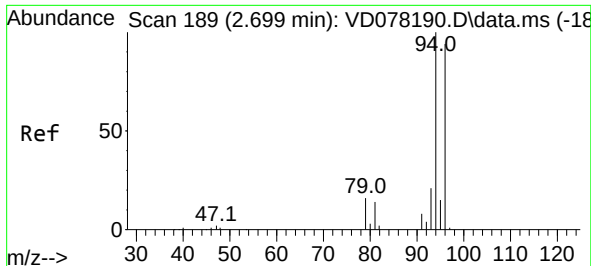
Tgt Ion: 50 Resp: 55817
Ion Ratio Lower Upper
50 100
52 35.3 26.6 40.0



#4
Vinyl Chloride
Concen: 22.114 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 62 Resp: 72465
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0

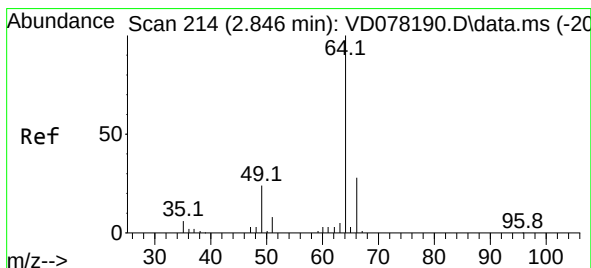
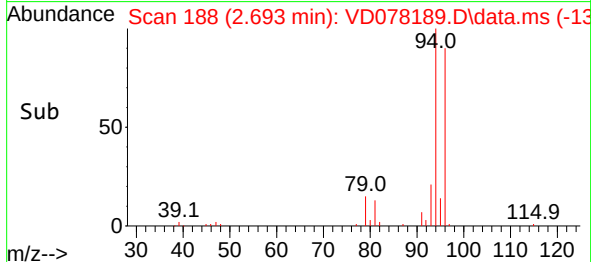
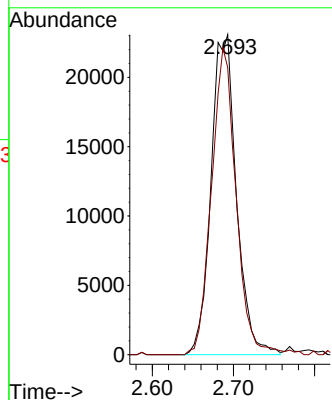
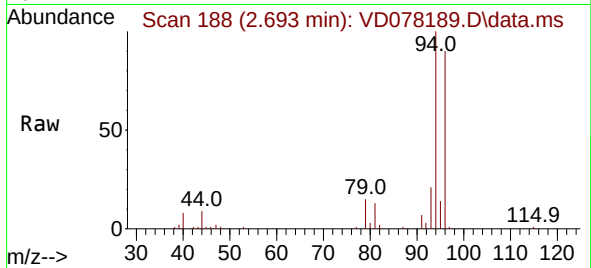




#5
Bromomethane
Concen: 21.330 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

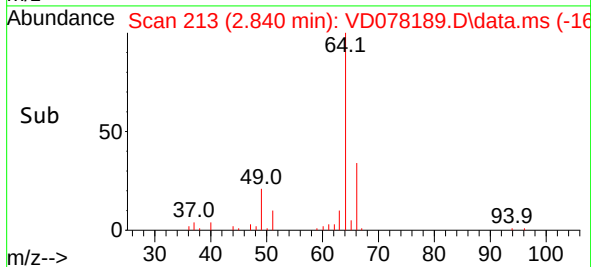
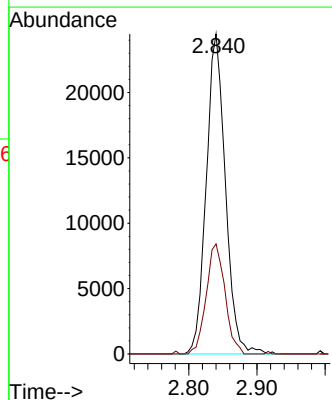
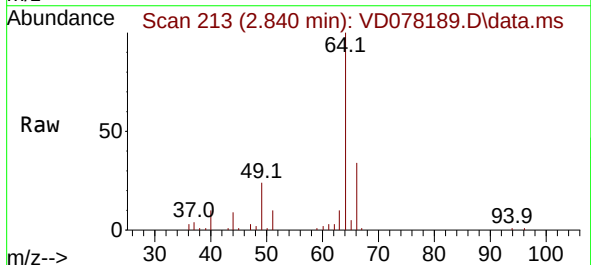
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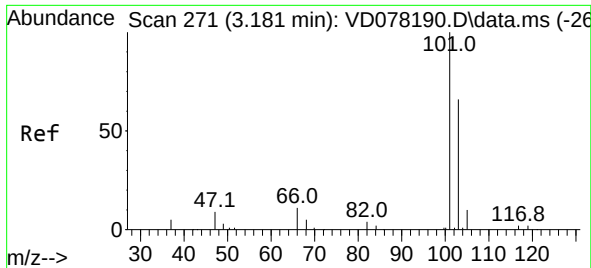
Tgt Ion: 94 Resp: 50080
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.8



#6
Chloroethane
Concen: 21.533 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 64 Resp: 47842
Ion Ratio Lower Upper
64 100
66 34.4 25.5 38.3

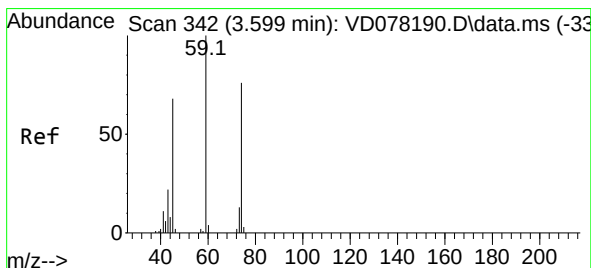
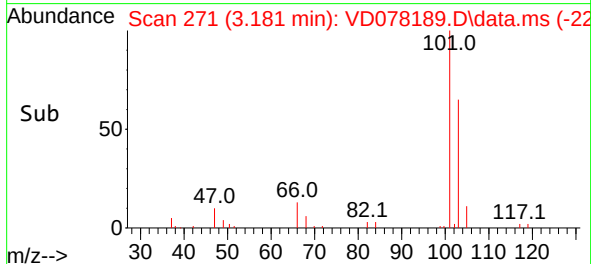
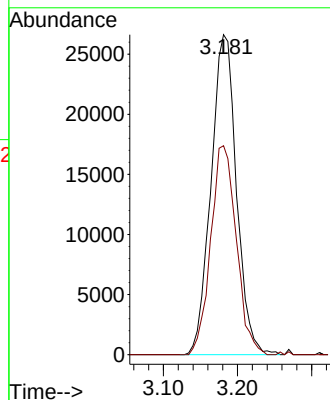
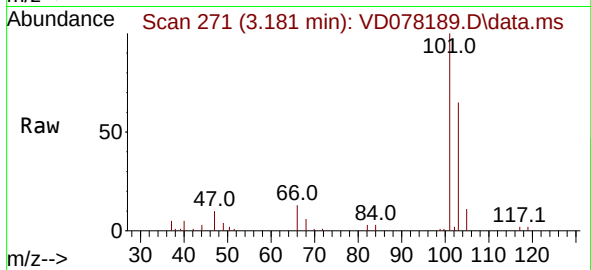




#7
Trichlorofluoromethane
Concen: 21.804 ug/l
RT: 3.181 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

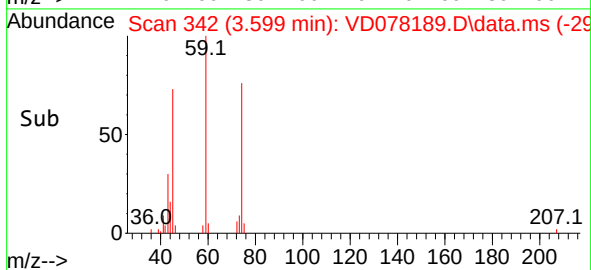
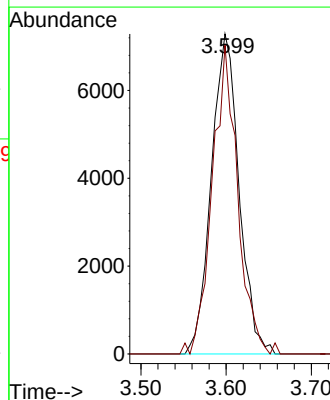
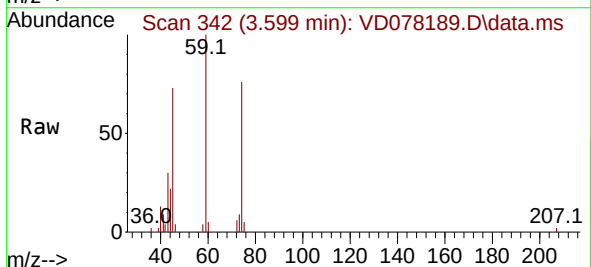
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

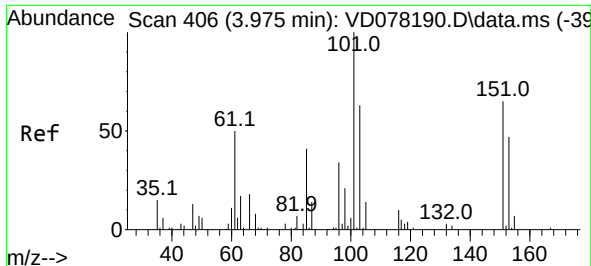
Tgt Ion:101 Resp: 63642
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5



#8
Diethyl Ether
Concen: 20.432 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 74 Resp: 16497
Ion Ratio Lower Upper
74 100
45 87.8 37.5 112.7

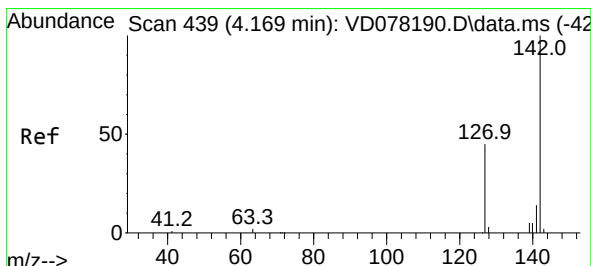
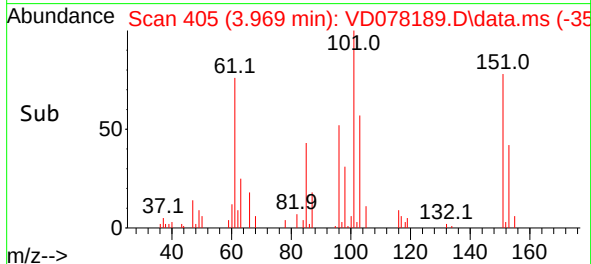
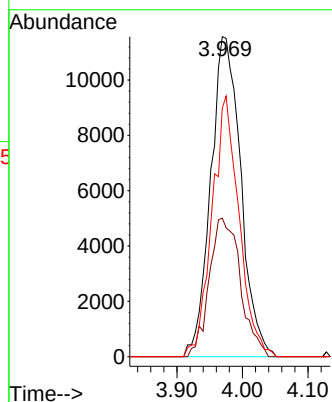
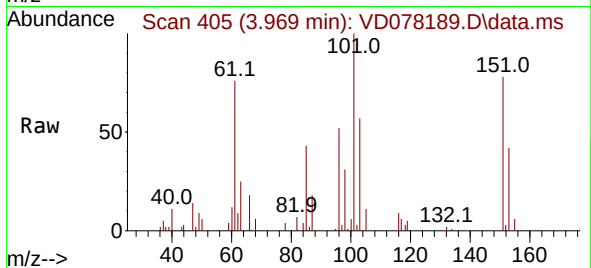




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.058 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

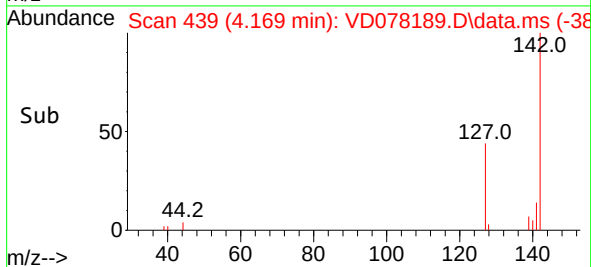
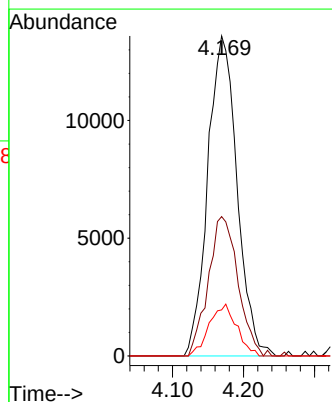
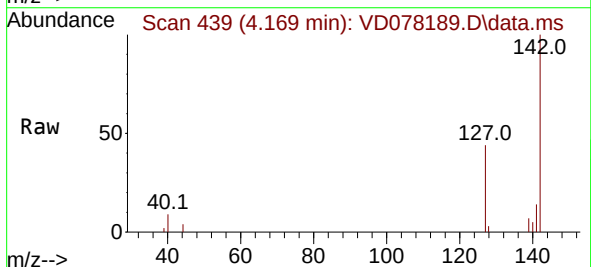
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

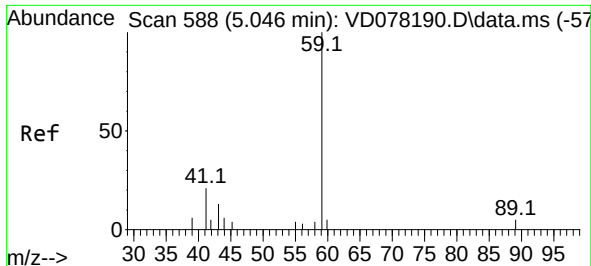
Tgt Ion:101 Resp: 36840
Ion Ratio Lower Upper
101 100
85 44.8 33.8 50.6
151 73.1 59.8 89.6



#10
Methyl Iodide
Concen: 22.153 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion:142 Resp: 38872
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 15.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 101.933 ug/l

RT: 5.063 min Scan# 51

Delta R.T. 0.005 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

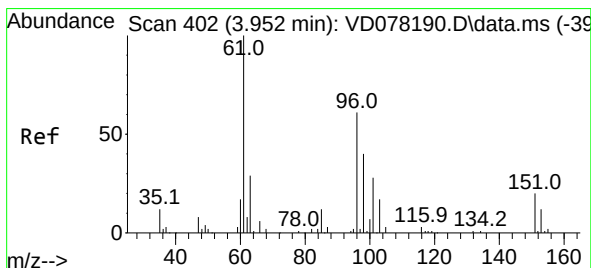
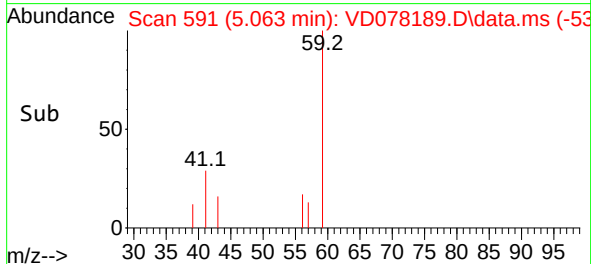
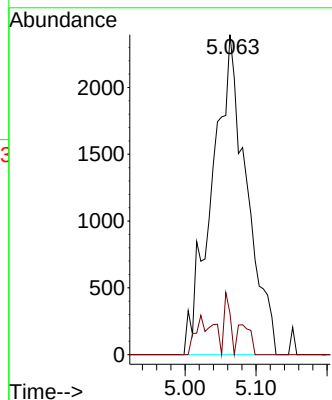
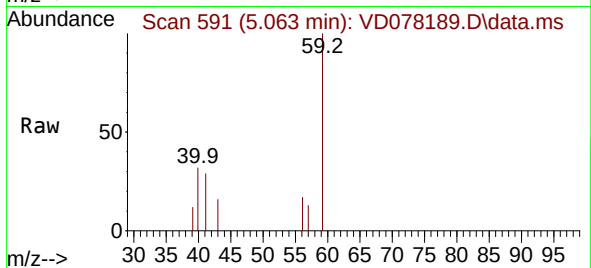
VSTDIC020

Tgt Ion: 59 Resp: 8051

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 21.503 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

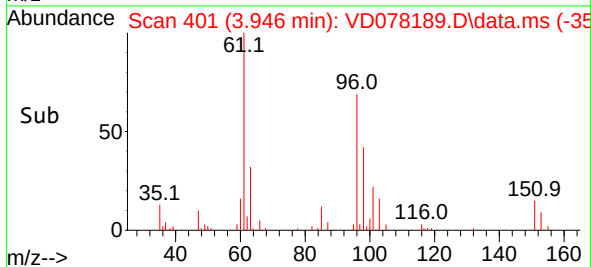
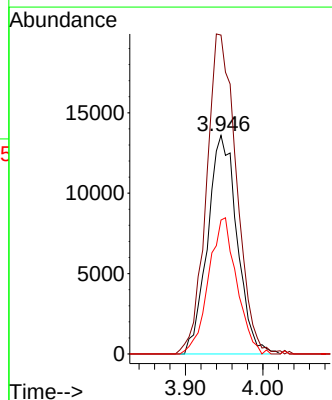
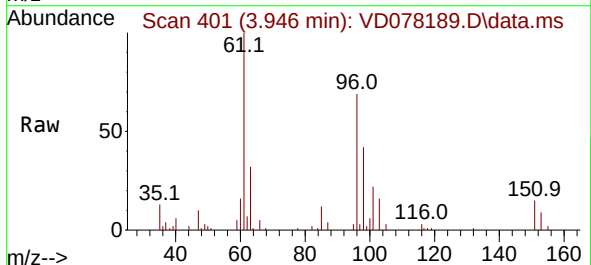
Tgt Ion: 96 Resp: 35941

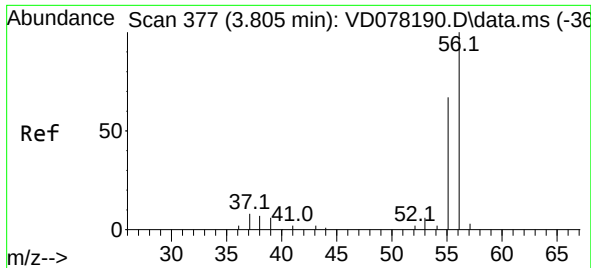
Ion Ratio Lower Upper

96 100

61 144.4 100.6 150.8

98 61.3 50.2 75.2





#13

Acrolein

Concen: 107.394 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

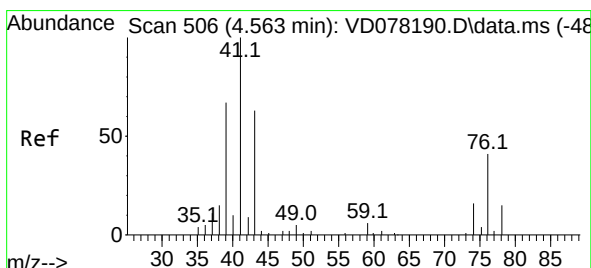
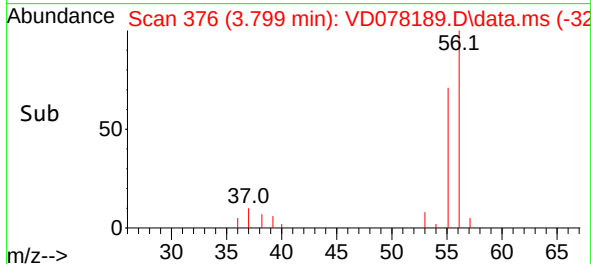
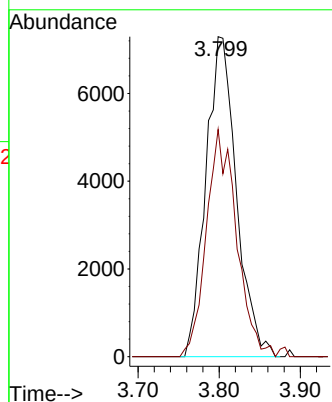
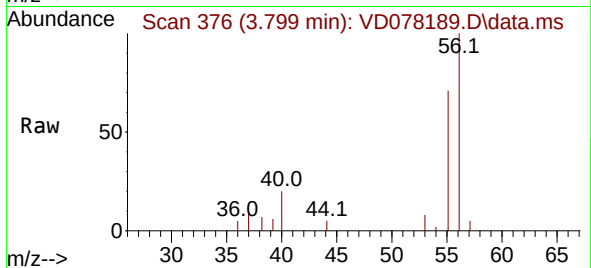
VSTDICC020

Tgt Ion: 56 Resp: 19071

Ion Ratio Lower Upper

56 100

55 70.1 55.1 82.7



#14

Allyl chloride

Concen: 20.983 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

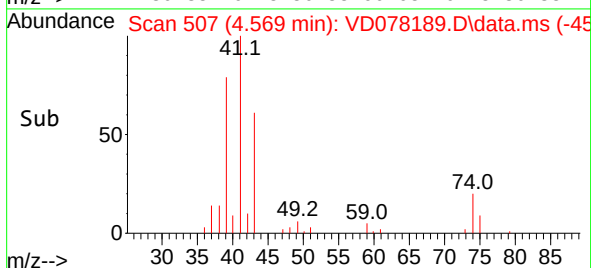
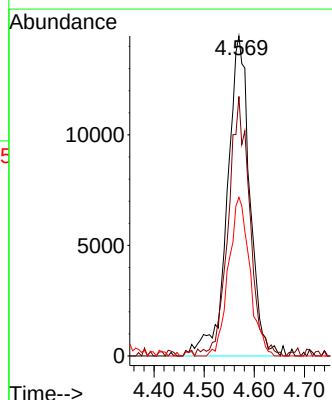
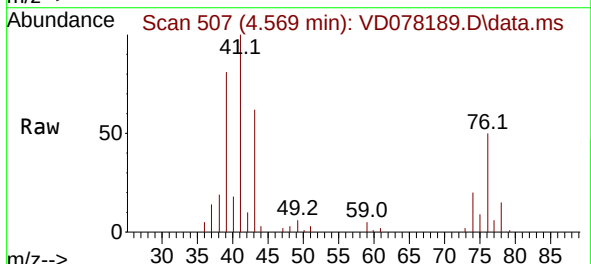
Tgt Ion: 41 Resp: 45033

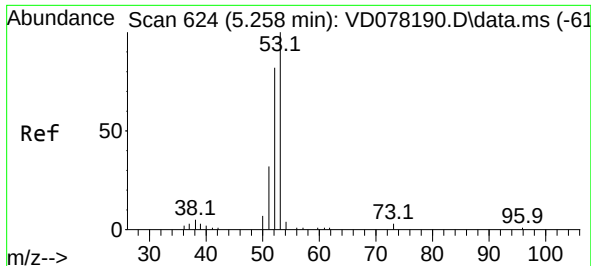
Ion Ratio Lower Upper

41 100

39 77.4 53.8 80.6

76 46.9 45.8 68.8

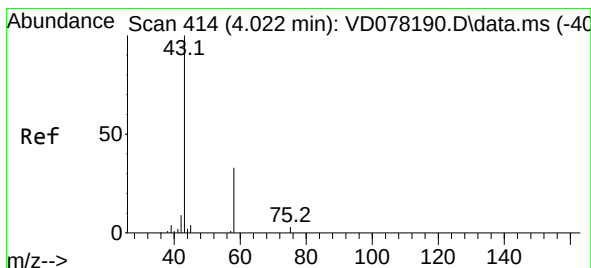
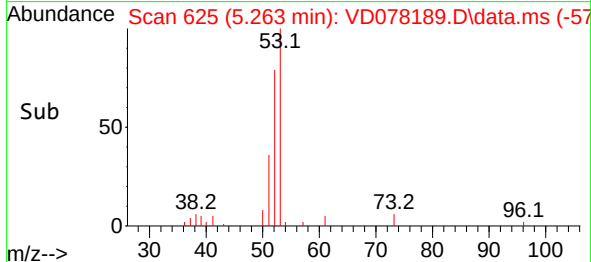
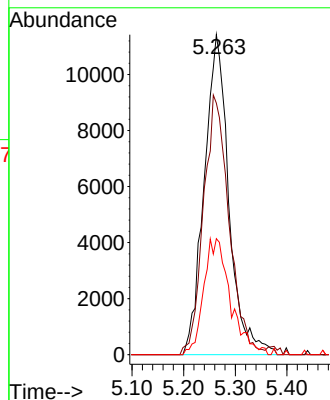
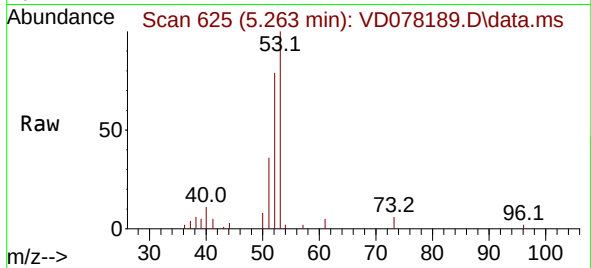




#15
Acrylonitrile
Concen: 104.944 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

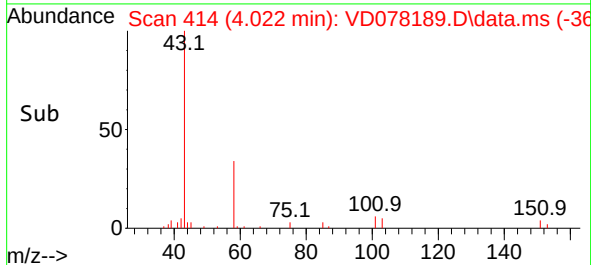
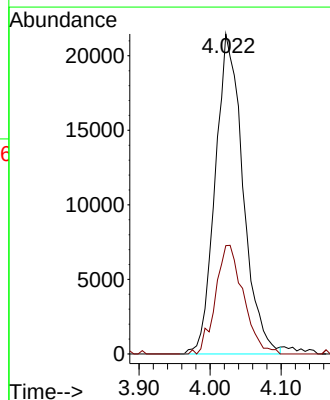
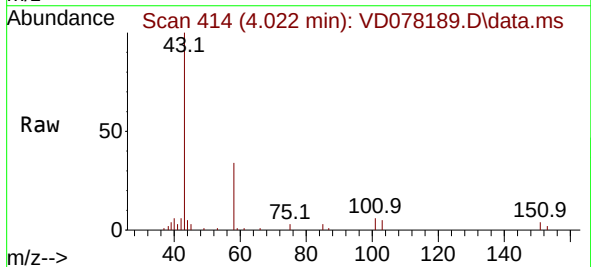
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

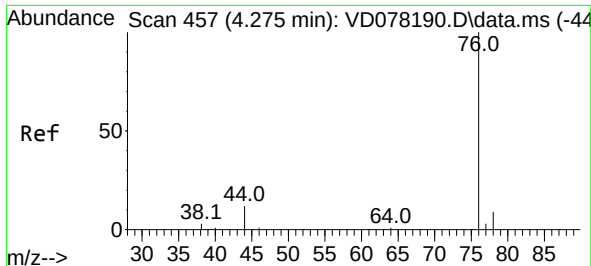
Tgt Ion: 53	Resp:	37831	
Ion Ratio	Lower	Upper	
53	100		
52	84.0	65.0	97.4
51	39.5	28.3	42.5



#16
Acetone
Concen: 137.936 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 43	Resp: 58197
Ion Ratio	Lower Upper
43 100	
58 33.8	34.7 52.1#

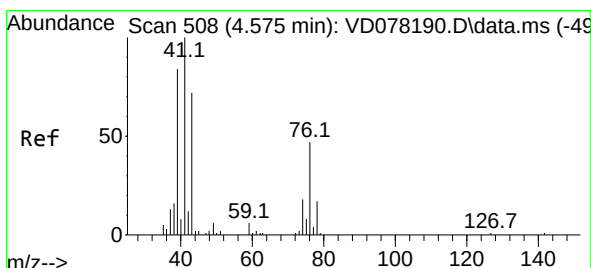
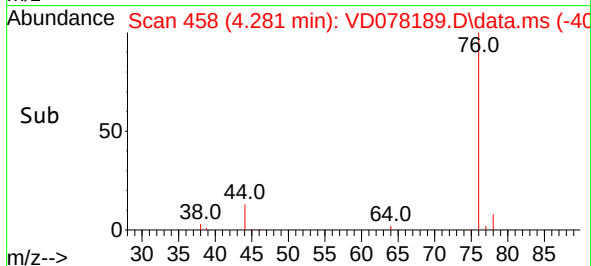
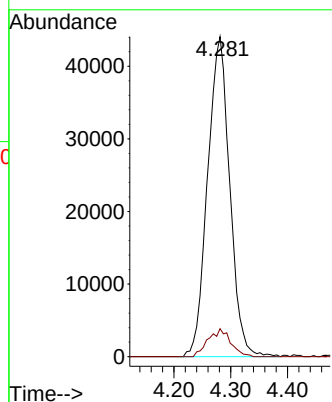
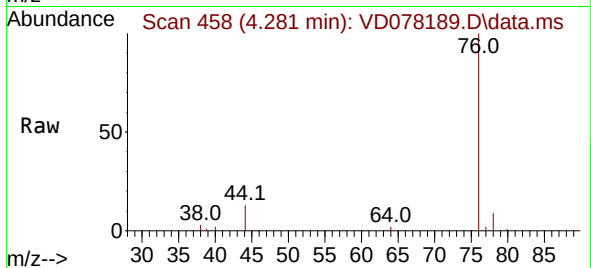




#17
Carbon Disulfide
Concen: 21.764 ug/l
RT: 4.281 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

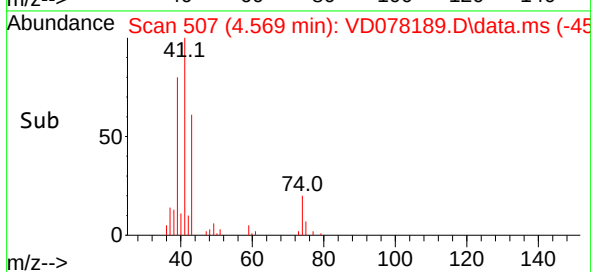
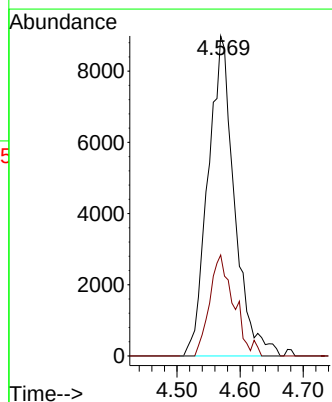
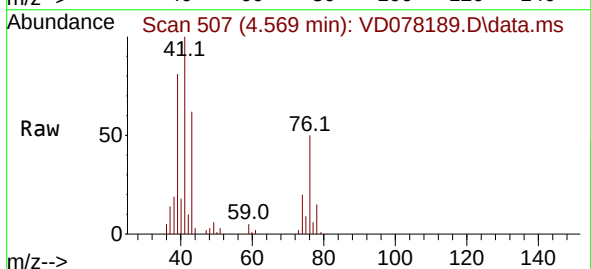
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

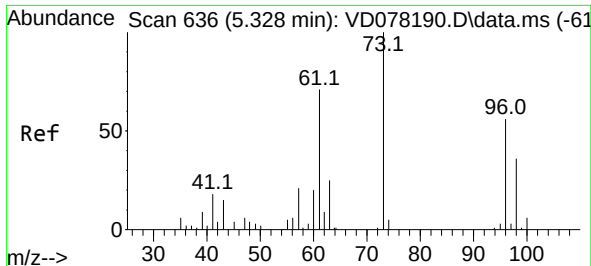
Tgt Ion: 76 Resp: 119466
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 19.629 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 43 Resp: 26102
Ion Ratio Lower Upper
43 100
74 28.1 26.4 39.6

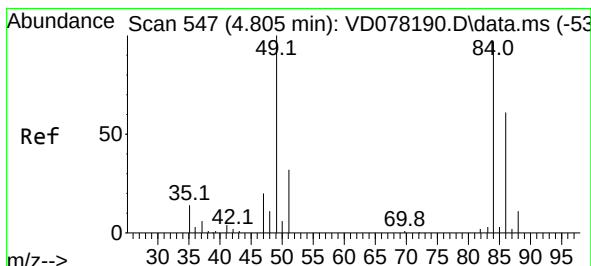
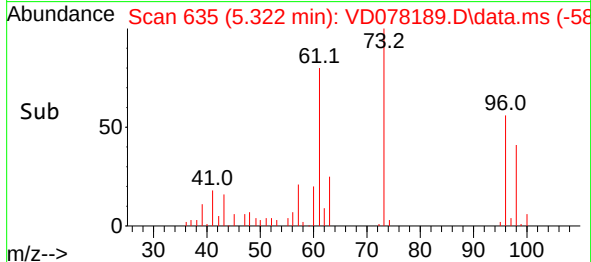
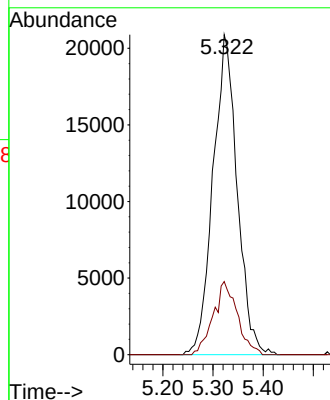
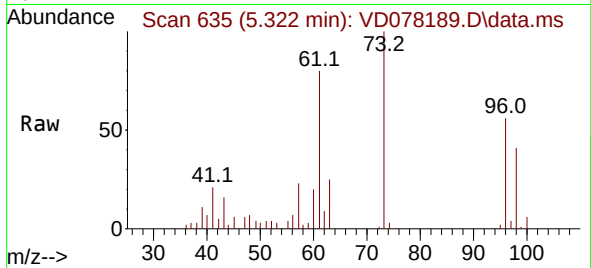




#19
Methyl tert-butyl Ether
Concen: 20.169 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

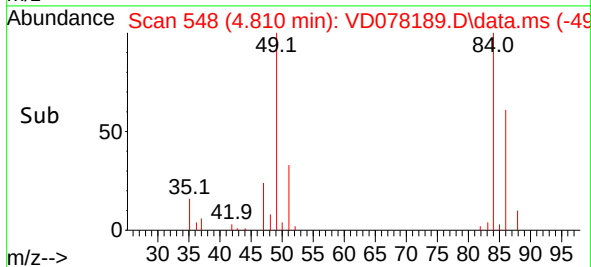
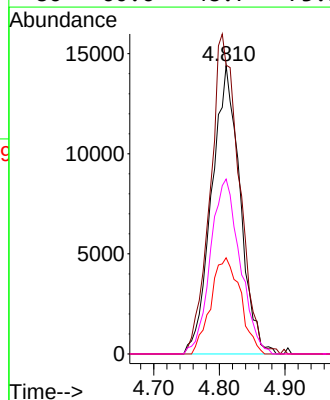
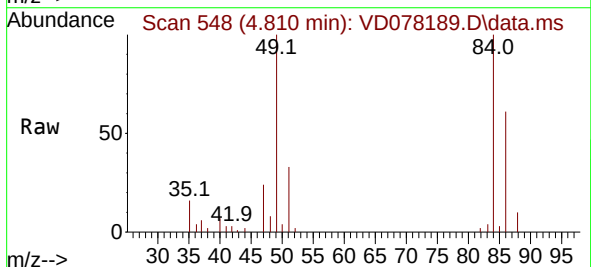
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

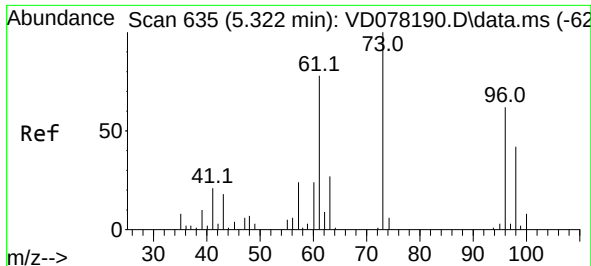
Tgt Ion: 73 Resp: 69882
Ion Ratio Lower Upper
73 100
57 22.9 16.6 25.0



#20
Methylene Chloride
Concen: 21.408 ug/l
RT: 4.810 min Scan# 548
Delta R.T. -0.001 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 84 Resp: 43079
Ion Ratio Lower Upper
84 100
49 100.1 71.4 107.2
51 33.3 24.5 36.7
86 60.6 48.7 73.1

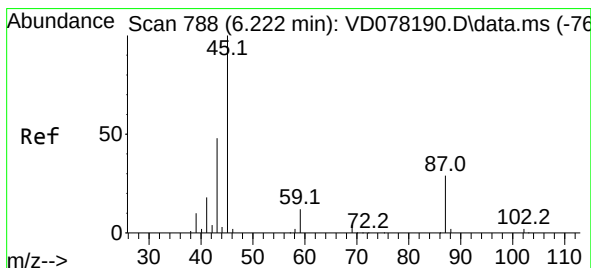
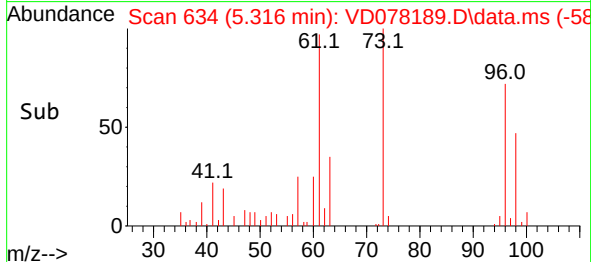
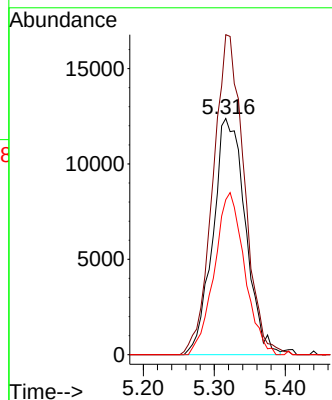
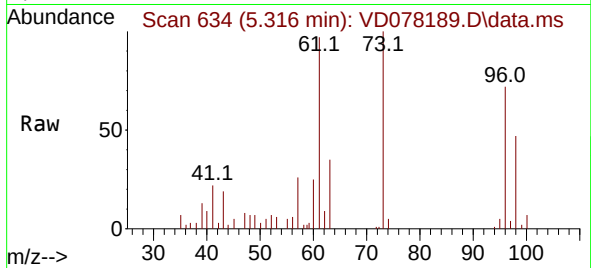




#21
trans-1,2-Dichloroethene
Concen: 20.467 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

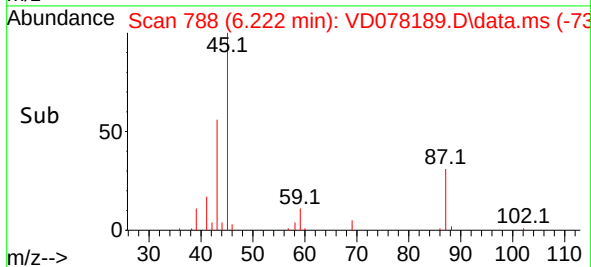
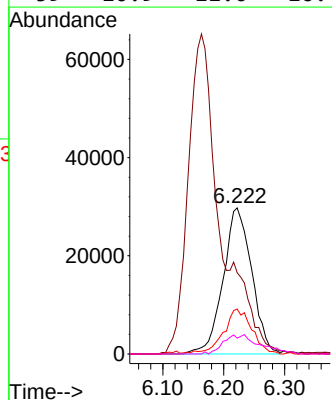
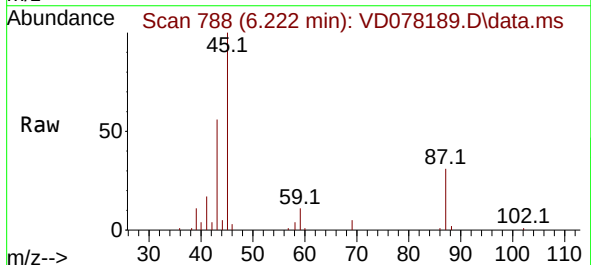
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

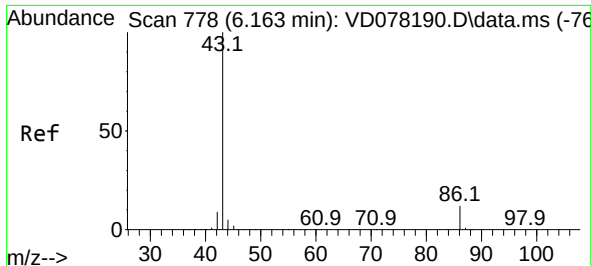
Tgt Ion: 96 Resp: 39208
Ion Ratio Lower Upper
96 100
61 135.5 89.3 133.9#
98 65.7 48.6 73.0



#22
Diisopropyl ether
Concen: 20.925 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 45 Resp: 96918
Ion Ratio Lower Upper
45 100
43 53.6 40.0 60.0
87 30.8 28.2 42.4
59 10.9 11.0 16.4#

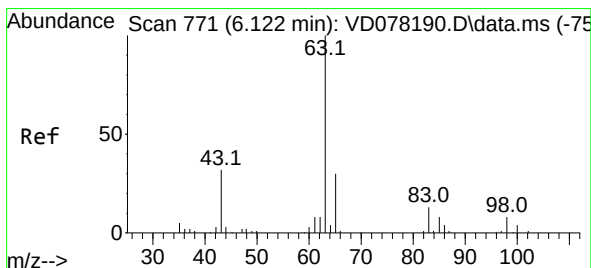
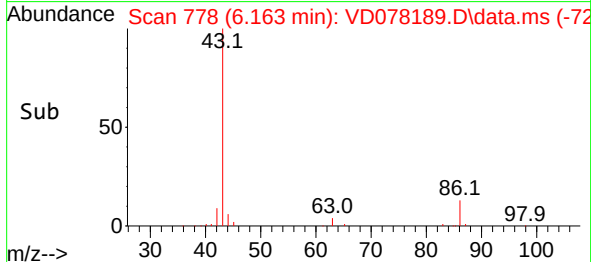
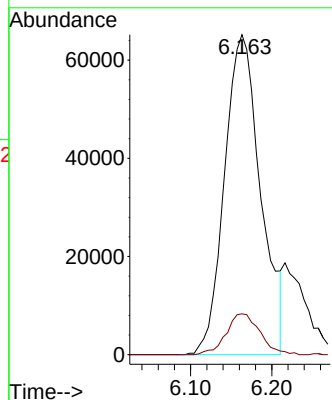
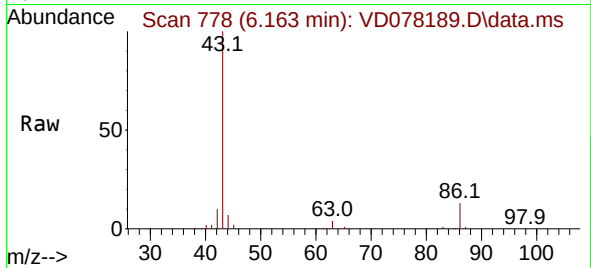




#23
 Vinyl Acetate
 Concen: 93.657 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. 0.000 min
 Lab File: VD078189.D
 Acq: 22 Jan 2024 11:27

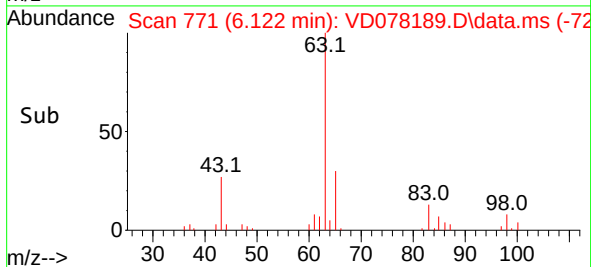
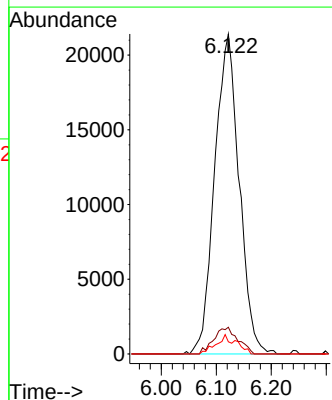
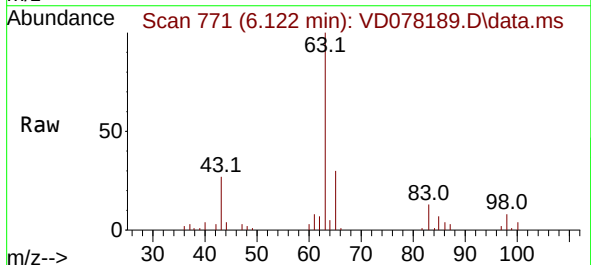
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

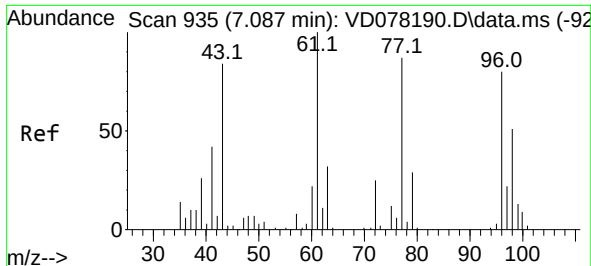
Tgt Ion: 43 Resp: 201625
 Ion Ratio Lower Upper
 43 100
 86 12.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.625 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078189.D
 Acq: 22 Jan 2024 11:27

Tgt Ion: 63 Resp: 66301
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 3.8 2.5 7.5





#25

2-Butanone

Concen: 124.511 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

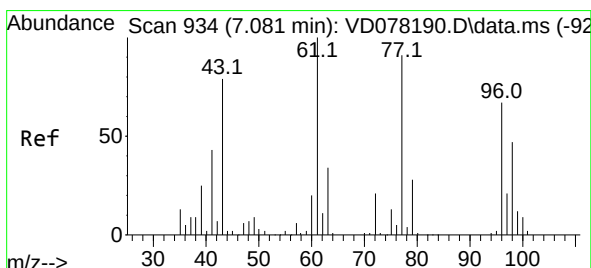
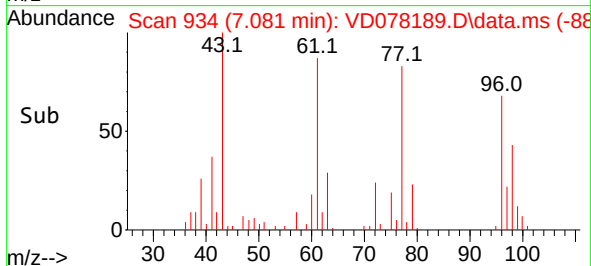
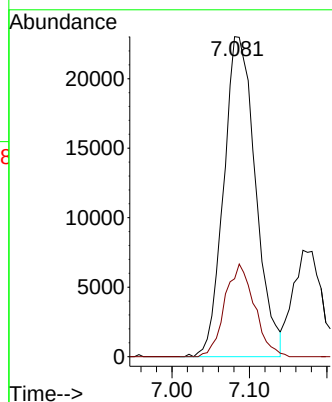
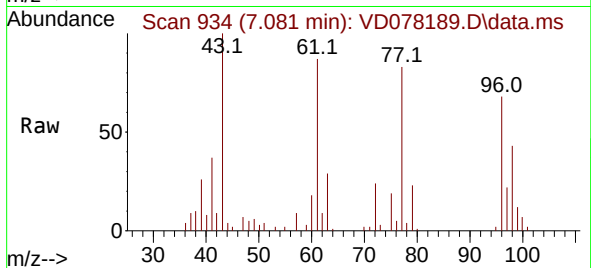
VSTDICC020

Tgt Ion: 43 Resp: 65785

Ion Ratio Lower Upper

43 100

72 24.4 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 20.925 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078189.D

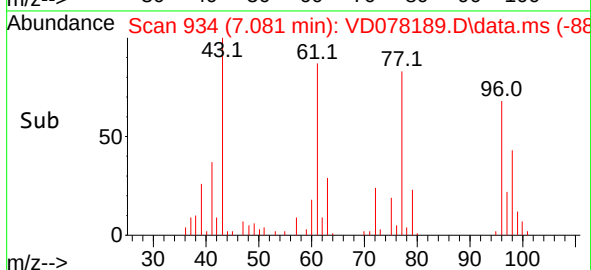
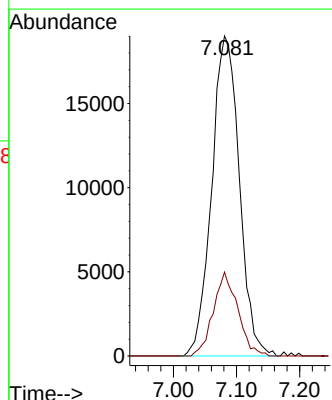
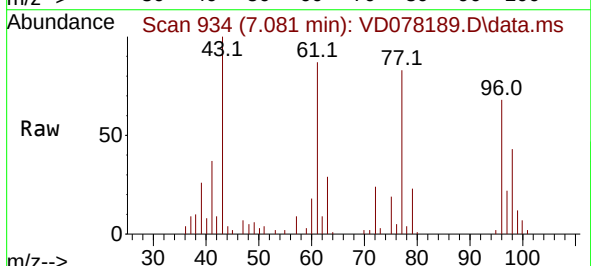
Acq: 22 Jan 2024 11:27

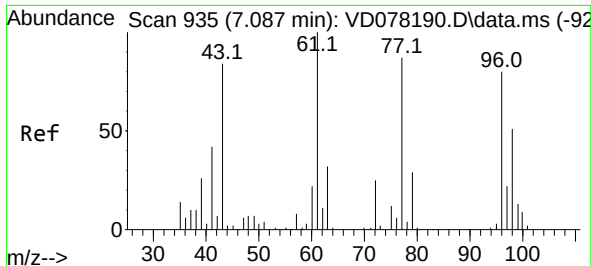
Tgt Ion: 77 Resp: 57688

Ion Ratio Lower Upper

77 100

97 23.3 13.2 39.6



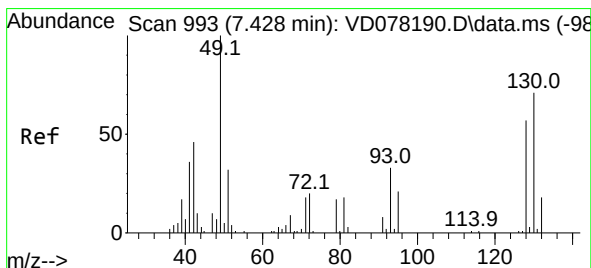
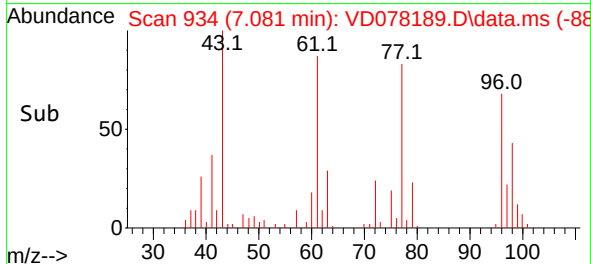
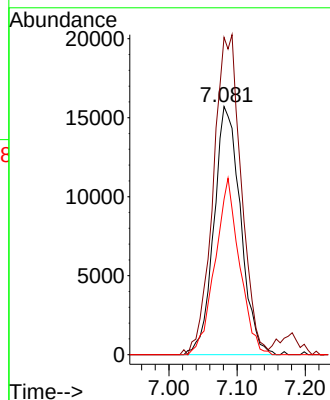
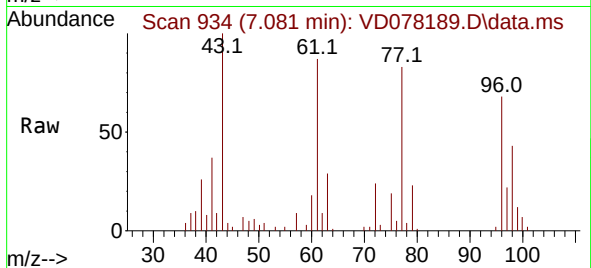


#27
 cis-1,2-Dichloroethene
 Concen: 20.444 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078189.D
 Acq: 22 Jan 2024 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 42655

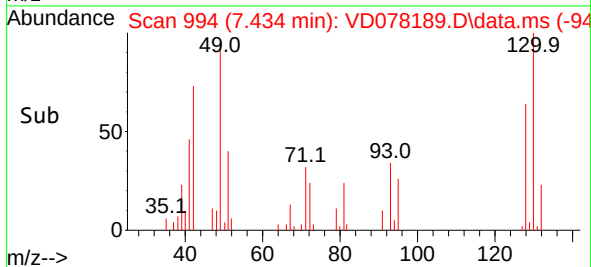
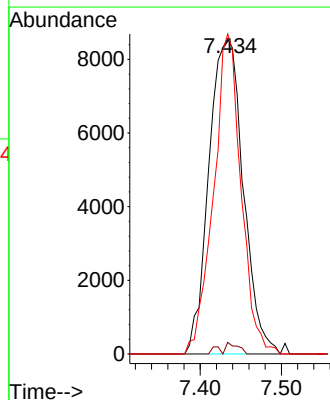
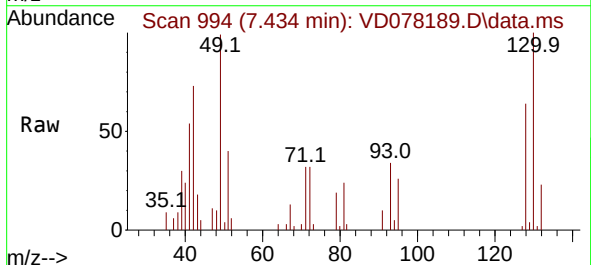
Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	239.2
98	65.4	0.0	128.6

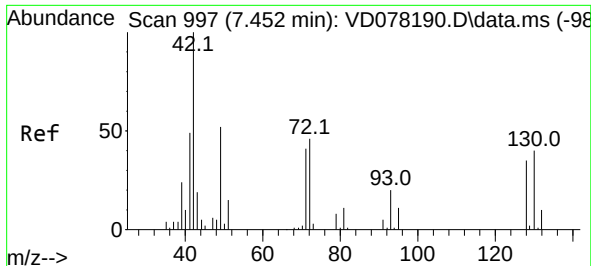


#28
 Bromochloromethane
 Concen: 20.432 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078189.D
 Acq: 22 Jan 2024 11:27

Tgt Ion: 49 Resp: 25109

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	6.0
130	81.7	83.2	124.8

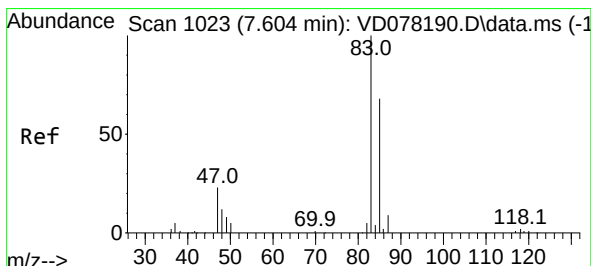
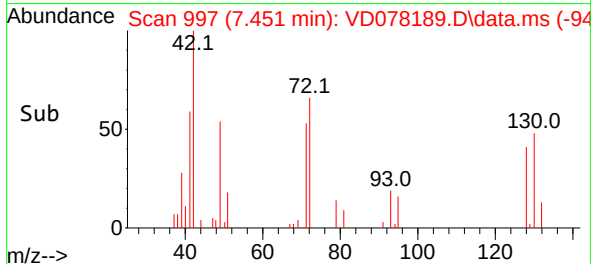
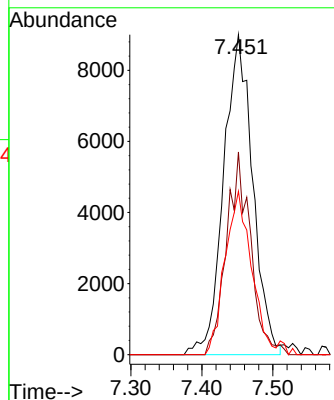
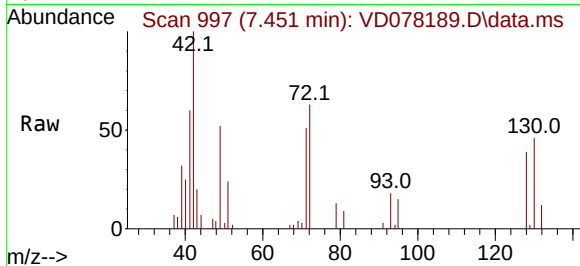




#29
Tetrahydrofuran
Concen: 99.746 ug/l
RT: 7.451 min Scan# 997
Delta R.T. -0.001 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

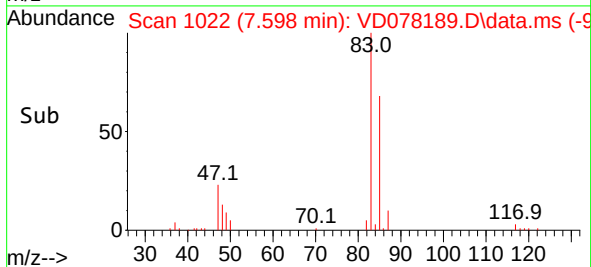
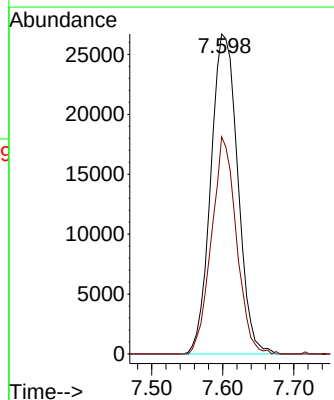
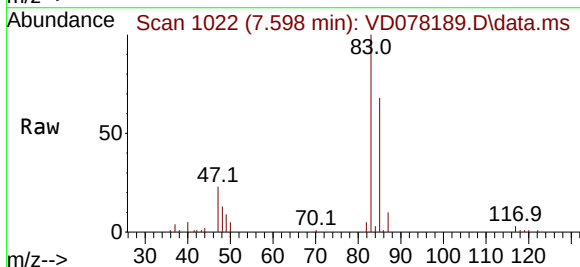
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

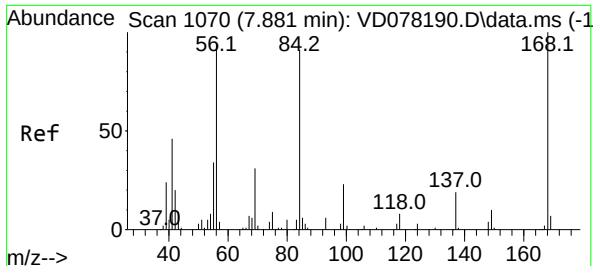
Tgt Ion: 42 Resp: 25560
Ion Ratio Lower Upper
42 100
72 52.5 46.5 69.7
71 46.4 44.5 66.7



#30
Chloroform
Concen: 21.371 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.001 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 83 Resp: 70261
Ion Ratio Lower Upper
83 100
85 67.8 53.4 80.2

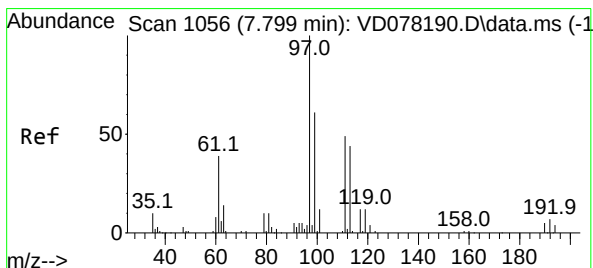
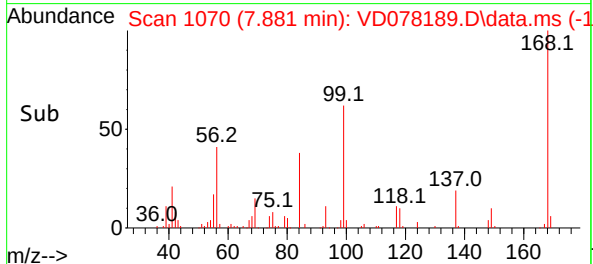
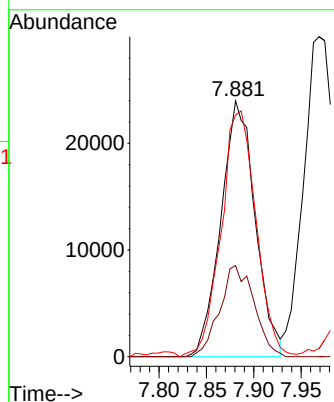
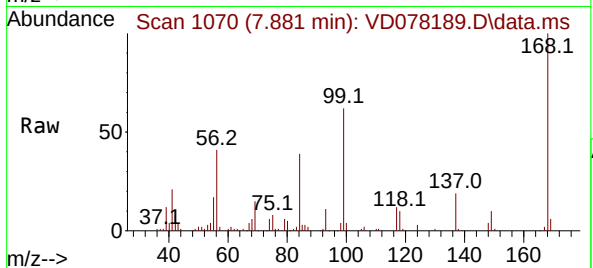




#31
Cyclohexane
Concen: 21.073 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

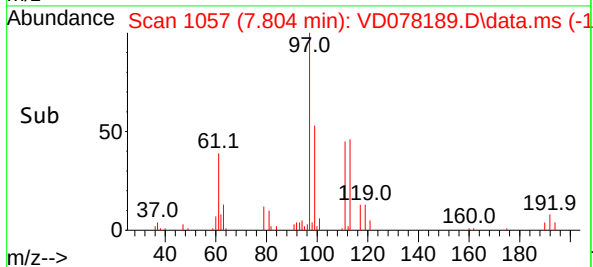
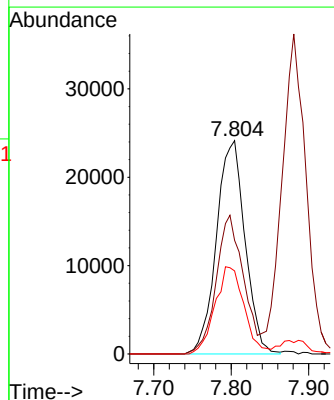
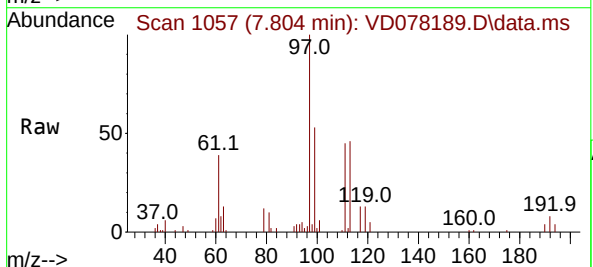
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

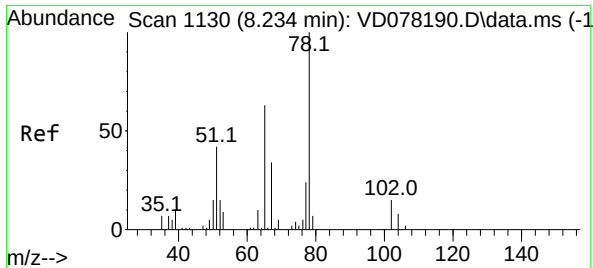
Tgt Ion: 56 Resp: 60354
Ion Ratio Lower Upper
56 100
69 35.6 28.6 43.0
84 94.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.541 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 97 Resp: 61998
Ion Ratio Lower Upper
97 100
99 61.4 52.0 78.0
61 41.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 18.742 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

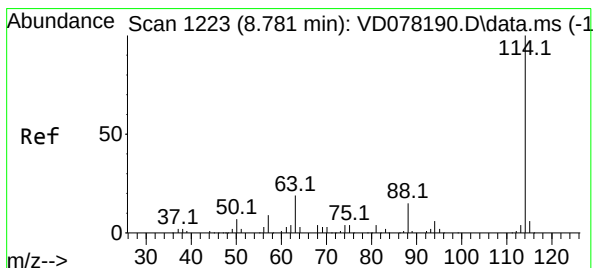
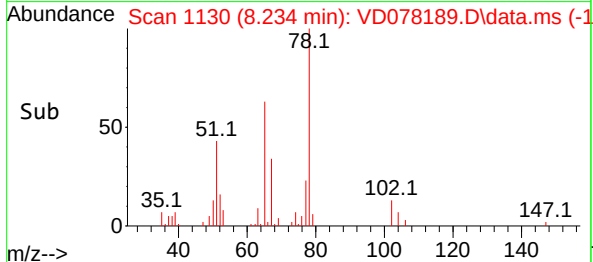
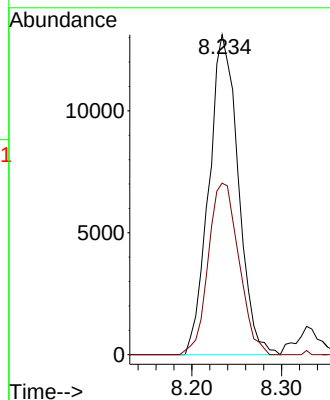
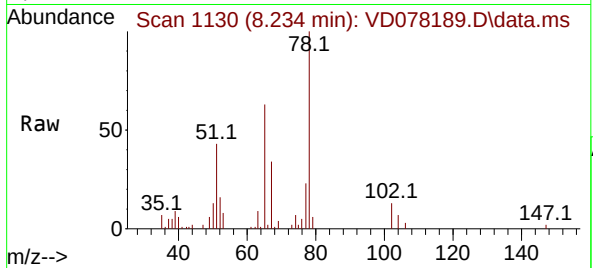
VSTDIC020

Tgt Ion: 65 Resp: 29836

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

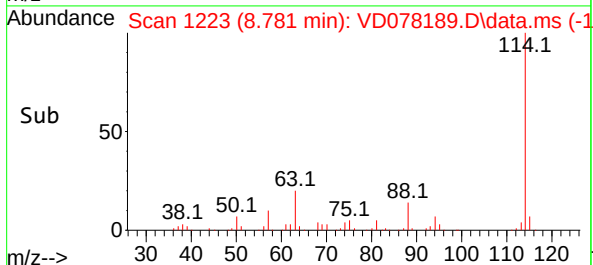
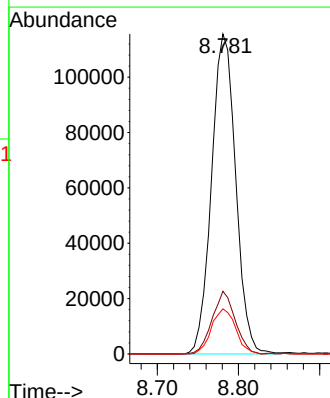
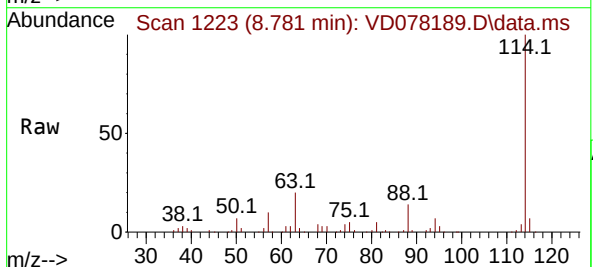
Tgt Ion: 114 Resp: 239369

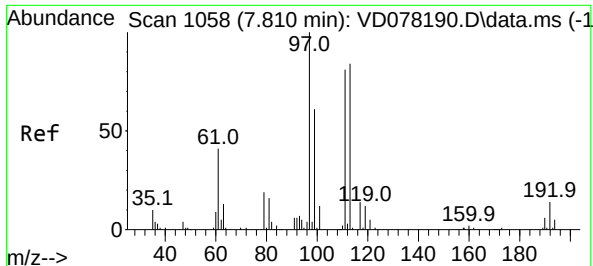
Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 19.279 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

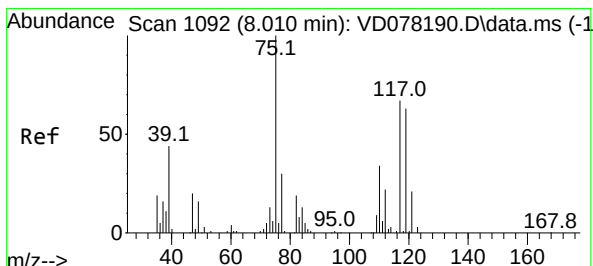
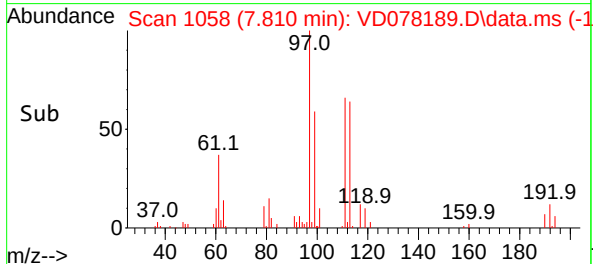
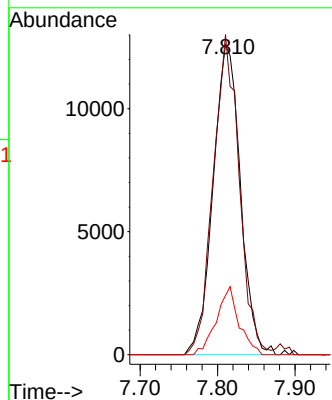
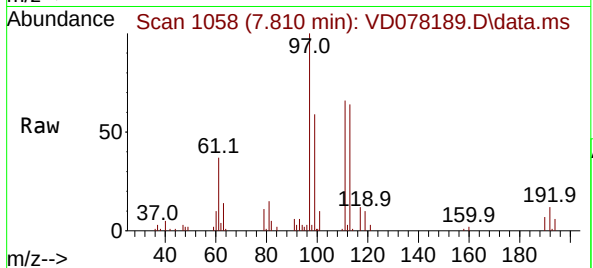
Tgt Ion:113 Resp: 30886

Ion Ratio Lower Upper

113 100

111 97.8 84.7 127.1

192 18.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.186 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

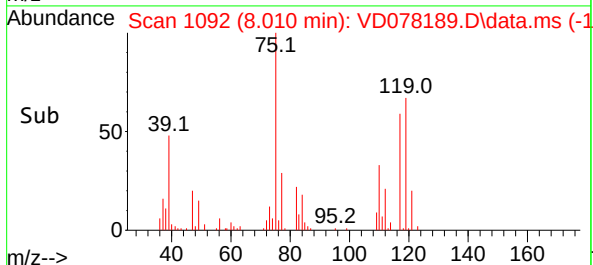
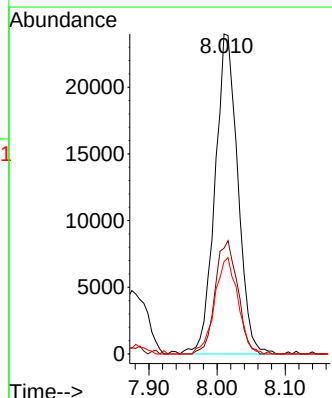
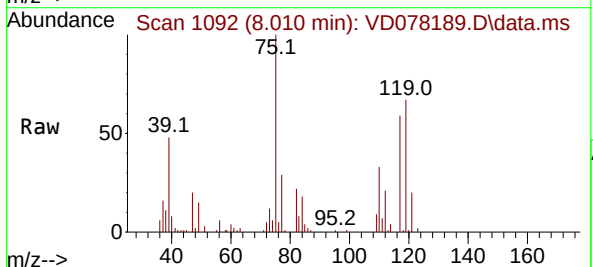
Tgt Ion: 75 Resp: 55913

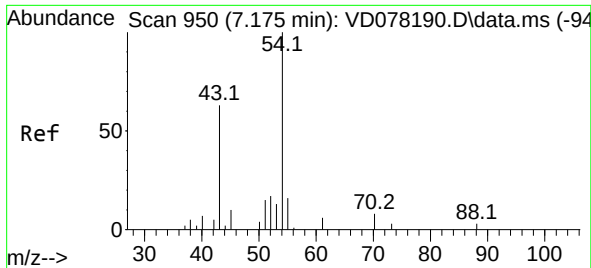
Ion Ratio Lower Upper

75 100

110 34.9 19.9 59.6

77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 22.124 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

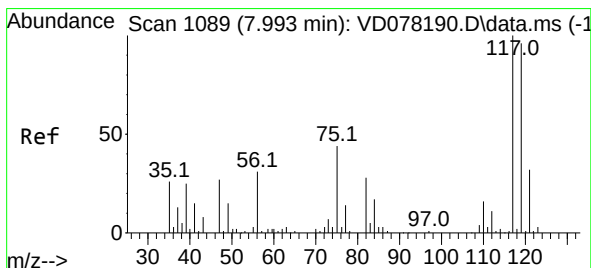
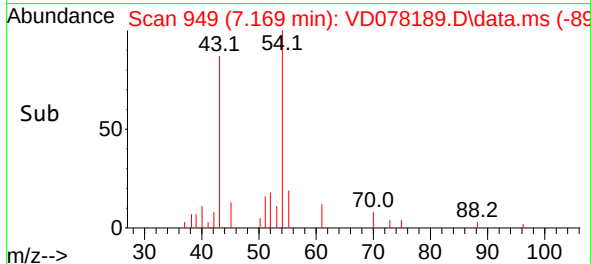
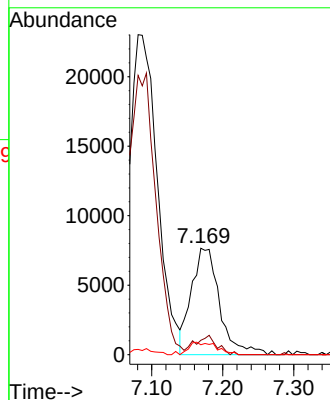
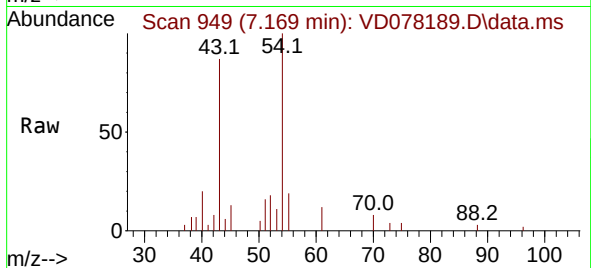
Tgt Ion: 43 Resp: 21321

Ion Ratio Lower Upper

43 100

61 14.0 14.9 22.3#

70 11.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.701 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

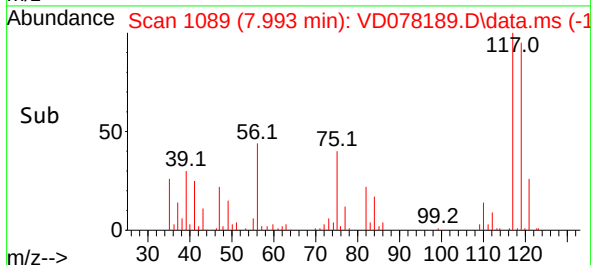
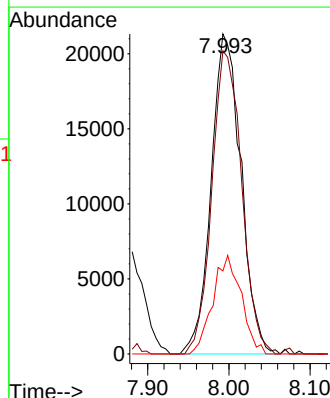
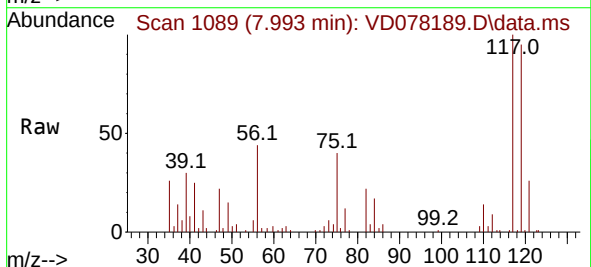
Tgt Ion: 117 Resp: 54392

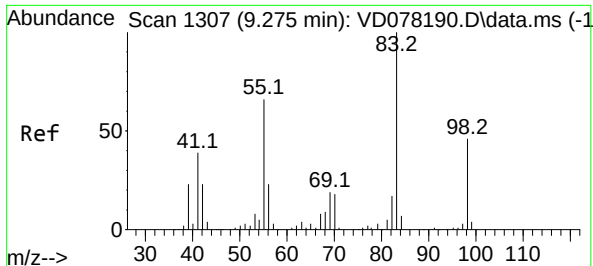
Ion Ratio Lower Upper

117 100

119 94.7 78.0 117.0

121 25.9 24.2 36.2





#39

Methylcyclohexane

Concen: 21.425 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

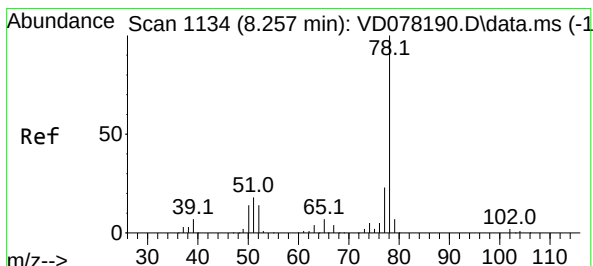
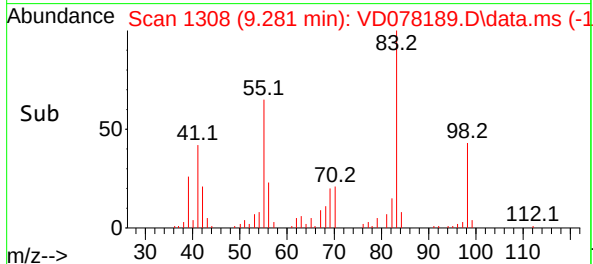
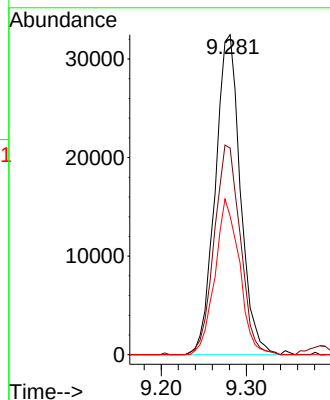
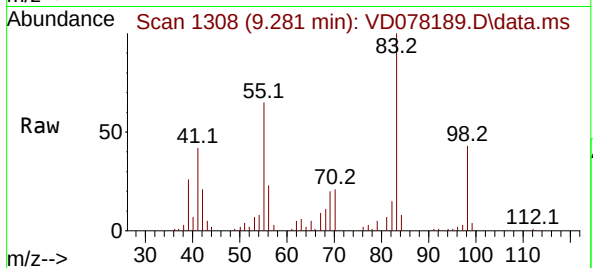
Tgt Ion: 83 Resp: 66520

Ion Ratio Lower Upper

83 100

55 64.5 49.4 74.0

98 43.3 38.4 57.6



#40

Benzene

Concen: 20.830 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD078189.D

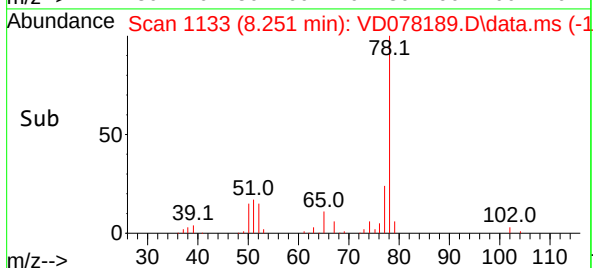
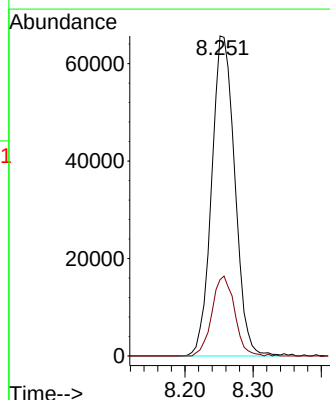
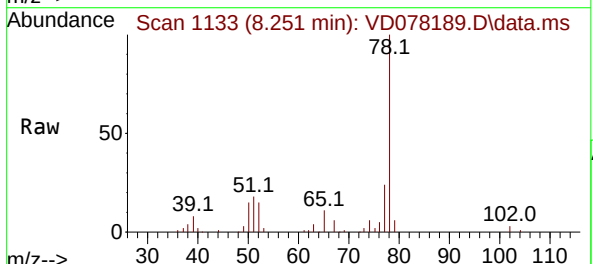
Acq: 22 Jan 2024 11:27

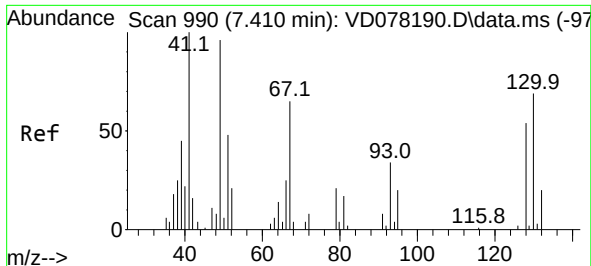
Tgt Ion: 78 Resp: 155403

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

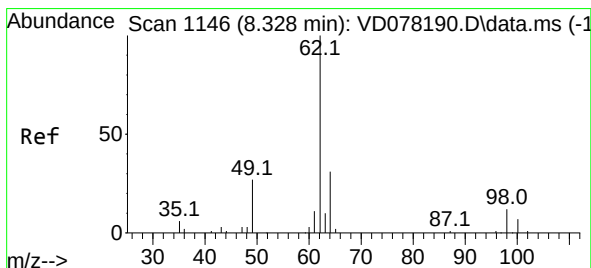
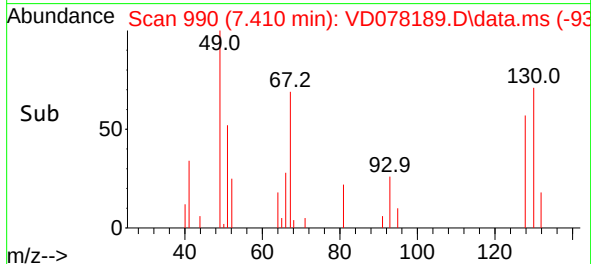
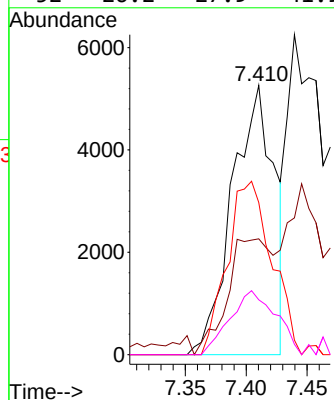
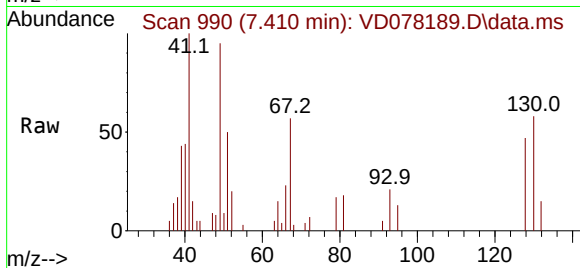




#41
Methacrylonitrile
Concen: 22.335 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

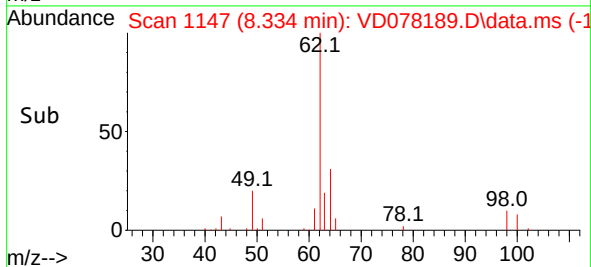
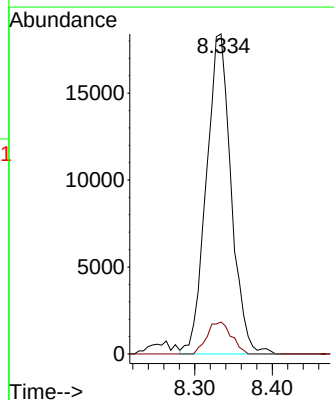
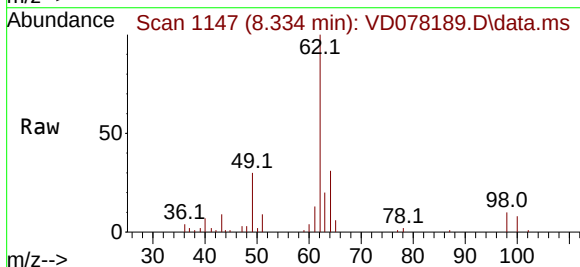
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

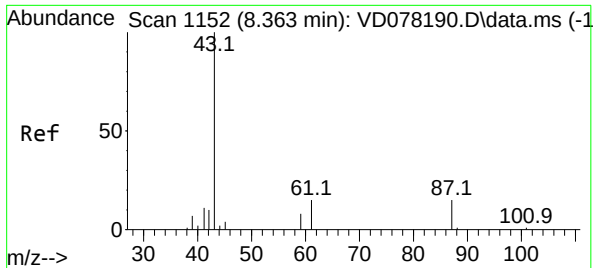
Tgt Ion: 41 Resp: 12568
Ion Ratio Lower Upper
41 100
39 45.6 34.0 51.0
67 68.6 77.0 115.4#
52 26.2 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 21.040 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 62 Resp: 40940
Ion Ratio Lower Upper
62 100
98 9.8 0.0 25.4

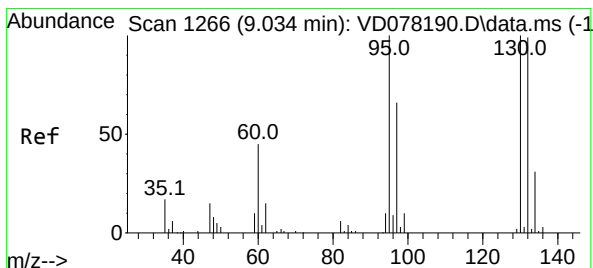
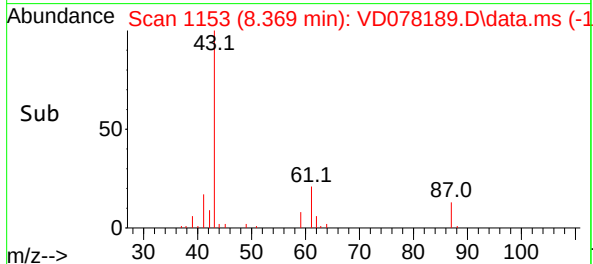
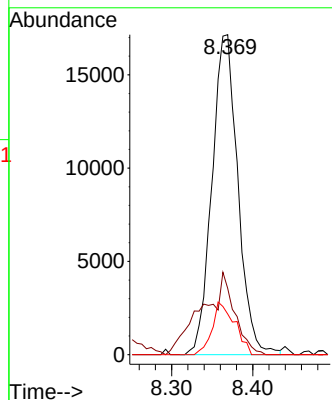
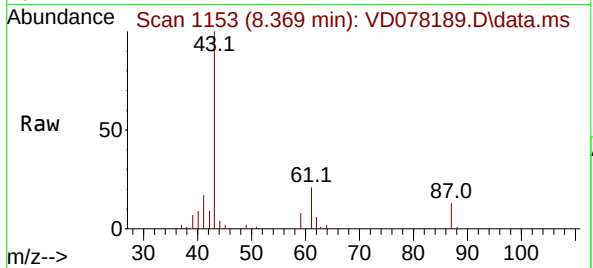




#43
Isopropyl Acetate
Concen: 21.100 ug/l
RT: 8.369 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

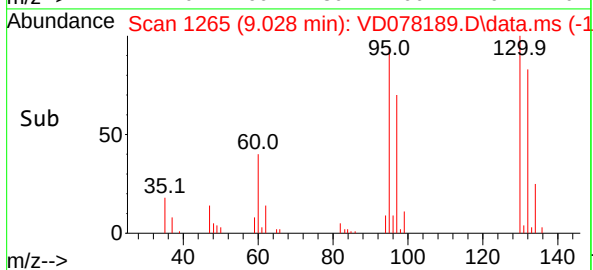
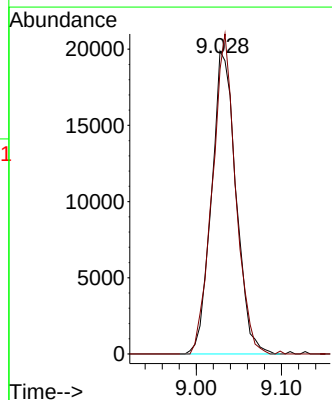
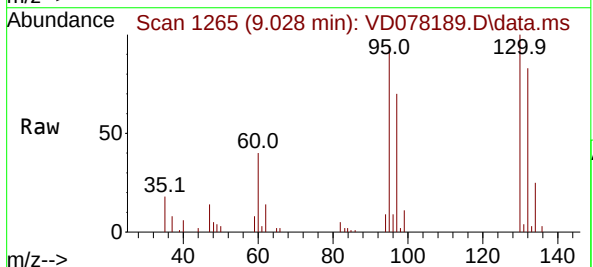
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

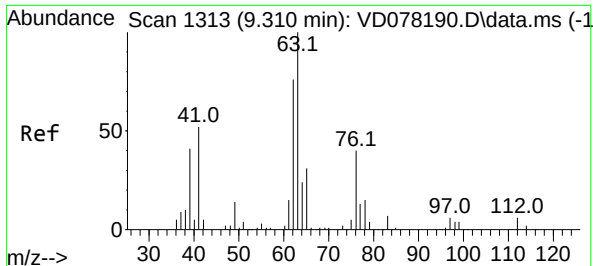
Tgt Ion: 43 Resp: 38071
Ion Ratio Lower Upper
43 100
61 32.4 31.4 47.0
87 14.3 14.9 22.3#



#44
Trichloroethene
Concen: 20.798 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion:130 Resp: 39633
Ion Ratio Lower Upper
130 100
95 94.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.366 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

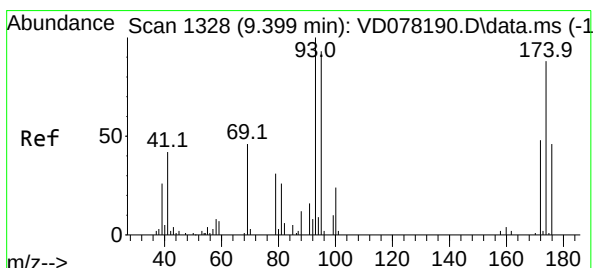
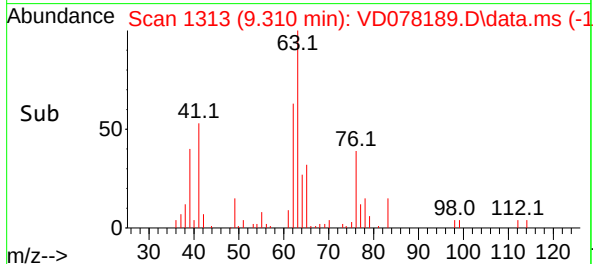
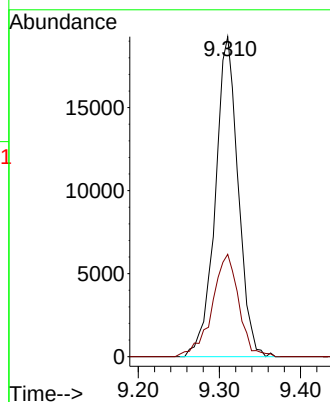
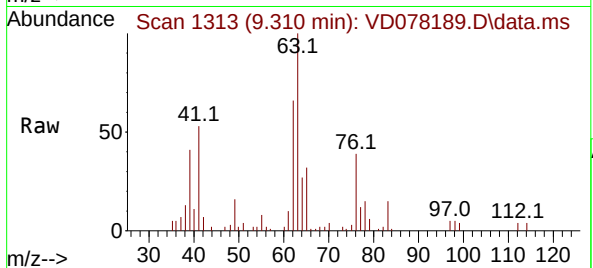
VSTDIC020

Tgt Ion: 63 Resp: 37716

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



#46

Dibromomethane

Concen: 20.698 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.006 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

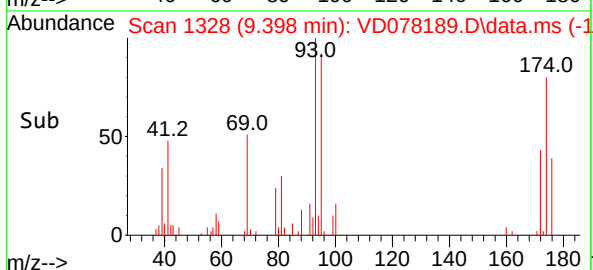
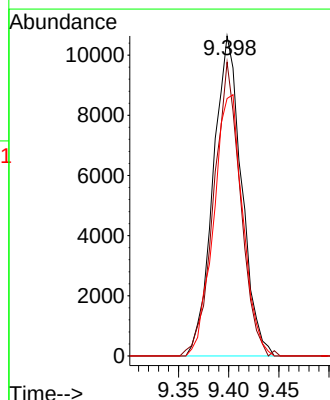
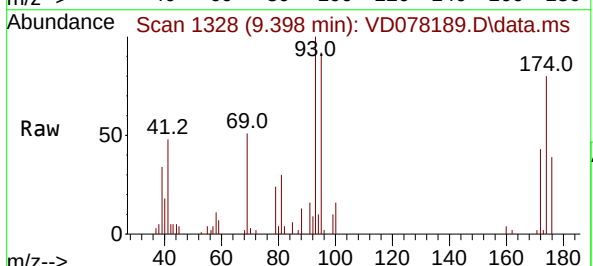
Tgt Ion: 93 Resp: 20992

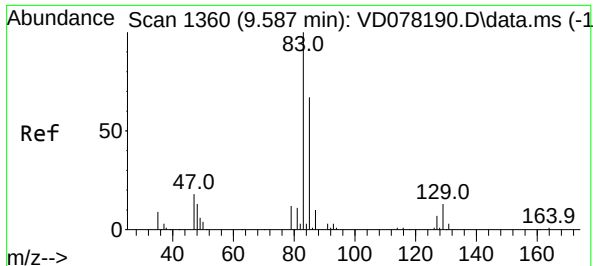
Ion Ratio Lower Upper

93 100

95 86.1 67.7 101.5

174 83.5 85.4 128.2#

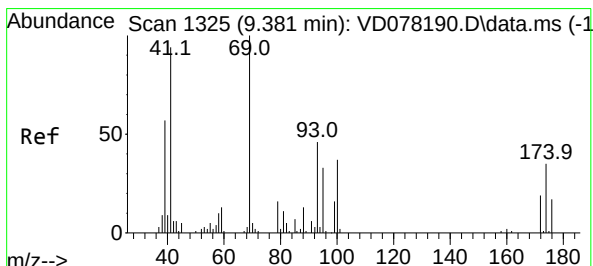
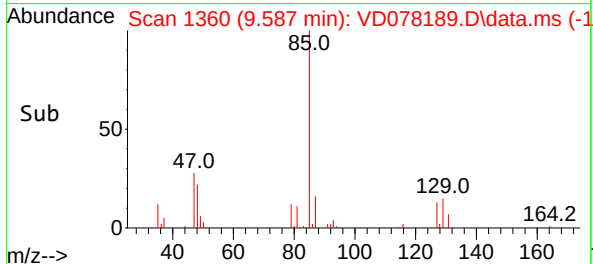
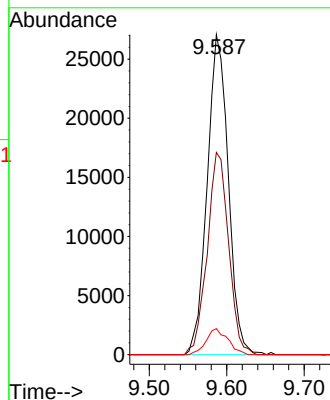
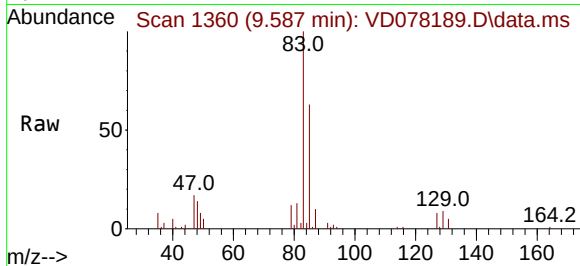




#47
Bromodichloromethane
Concen: 20.269 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

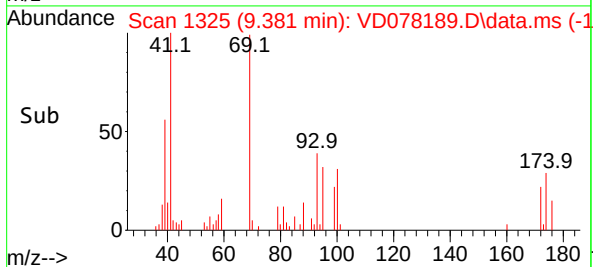
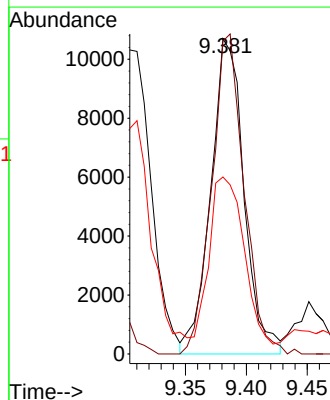
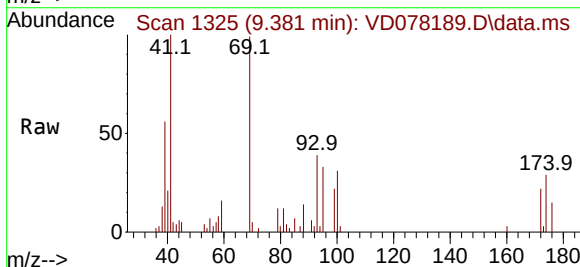
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

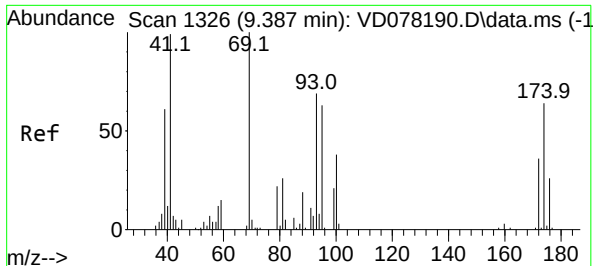
Tgt Ion: 83	Resp:	51262
Ion Ratio	Lower	Upper
83	100	
85	63.2	50.2 75.4
127	8.2	6.3 9.5



#48
Methyl methacrylate
Concen: 19.763 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 41	Resp:	20304
Ion Ratio	Lower	Upper
41	100	
69	99.1	102.2 153.2#
39	61.6	41.4 62.2





#49

1,4-Dioxane

Concen: 417.537 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

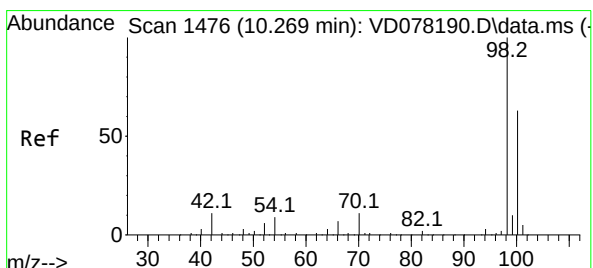
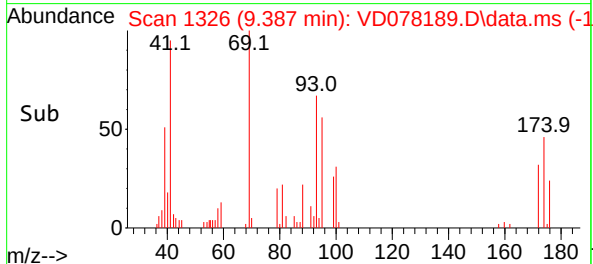
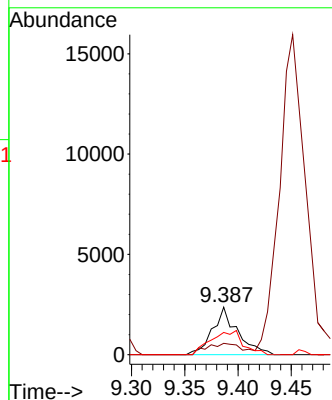
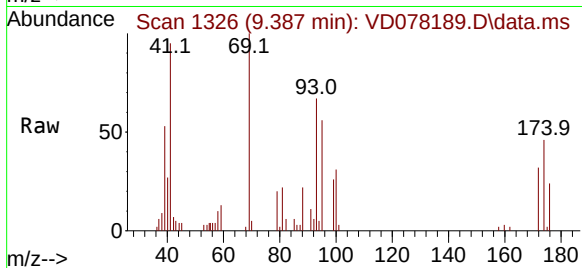
Tgt Ion: 88 Resp: 3862

Ion Ratio Lower Upper

88 100

43 30.2 19.0 28.6#

58 64.4 43.5 65.3



#50

Toluene-d8

Concen: 19.090 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VD078189.D

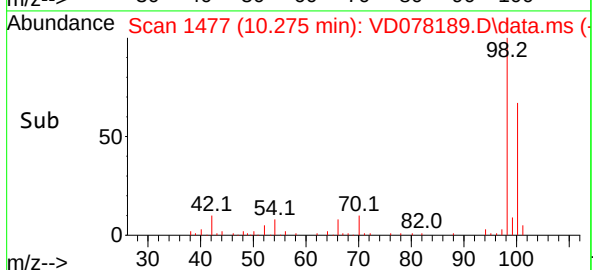
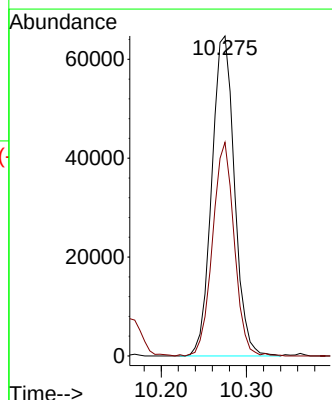
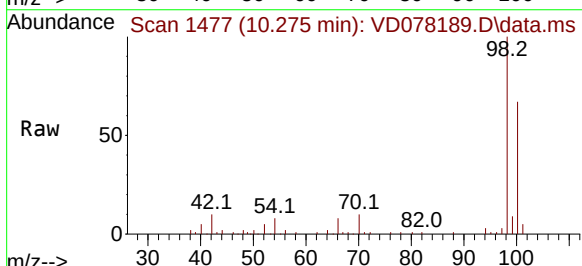
Acq: 22 Jan 2024 11:27

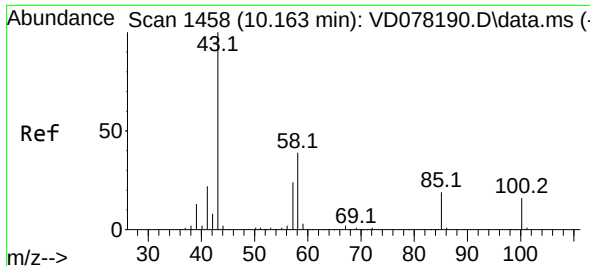
Tgt Ion: 98 Resp: 119596

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5

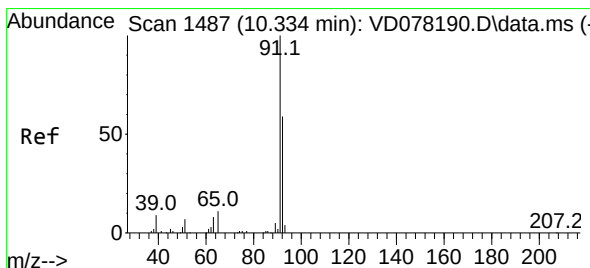
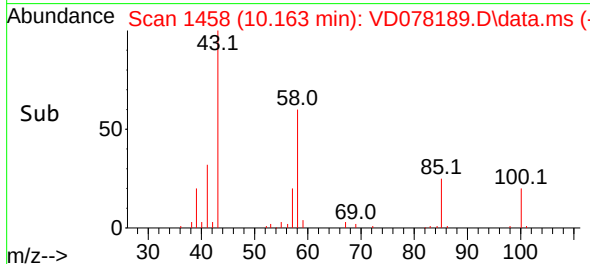
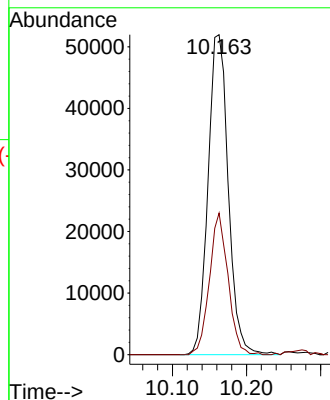
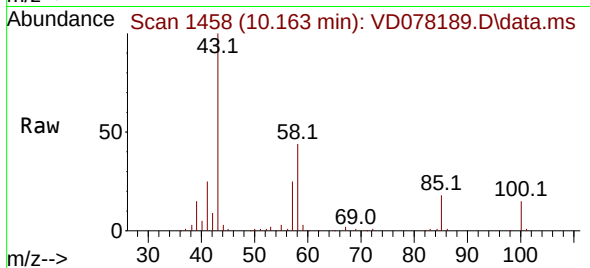




#51
4-Methyl-2-Pentanone
Concen: 104.171 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

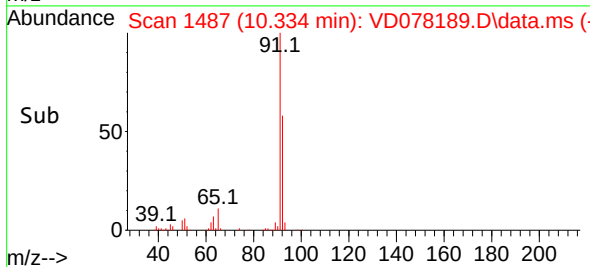
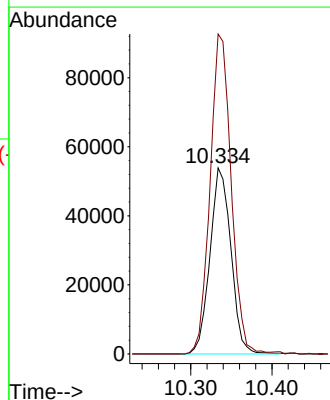
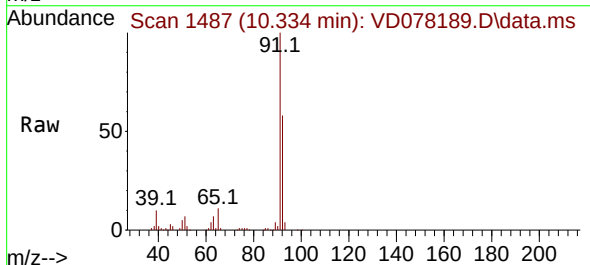
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

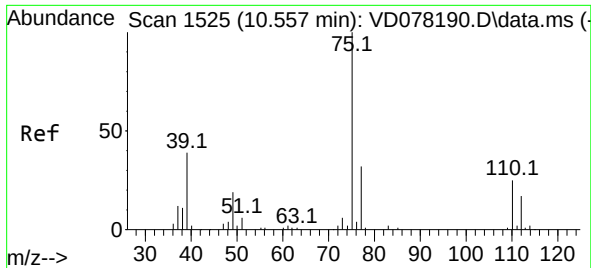
Tgt Ion: 43 Resp: 98646
Ion Ratio Lower Upper
43 100
58 40.6 38.9 58.3



#52
Toluene
Concen: 20.661 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 92 Resp: 96698
Ion Ratio Lower Upper
92 100
91 173.3 143.0 214.4

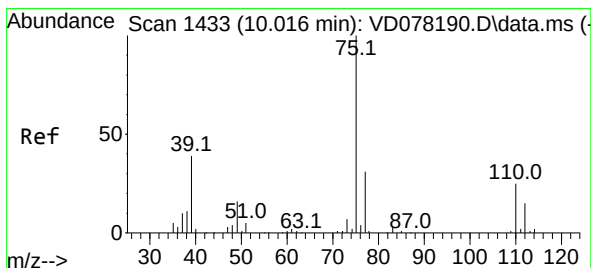
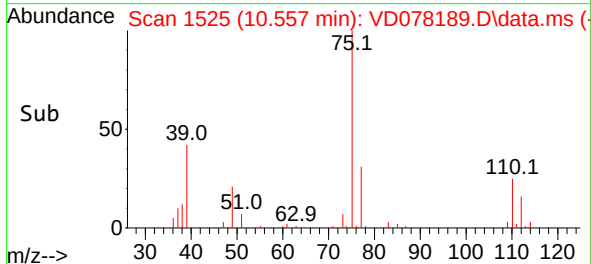
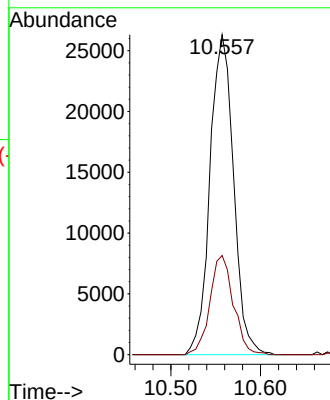
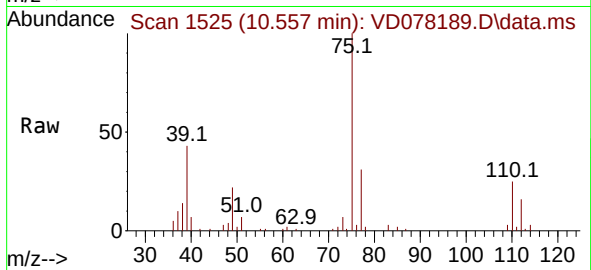




#53
t-1,3-Dichloropropene
Concen: 20.392 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

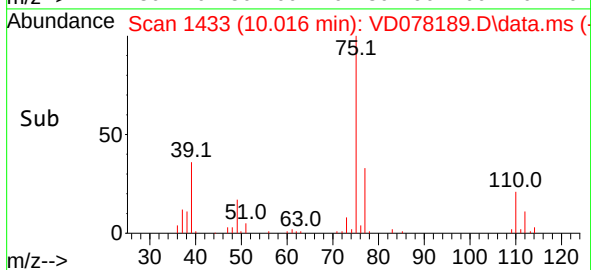
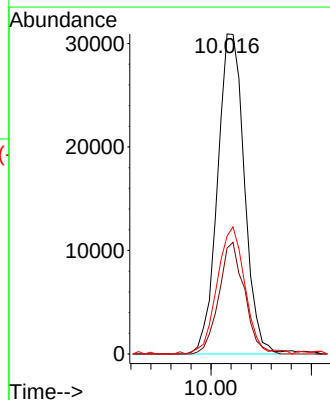
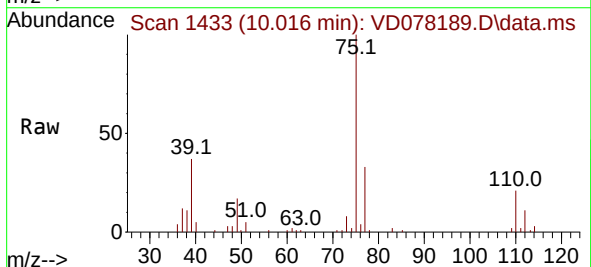
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

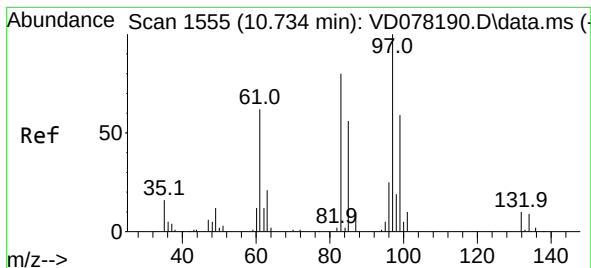
Tgt Ion: 75 Resp: 48032
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.229 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 75 Resp: 57324
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3
39 36.2 22.1 33.1#

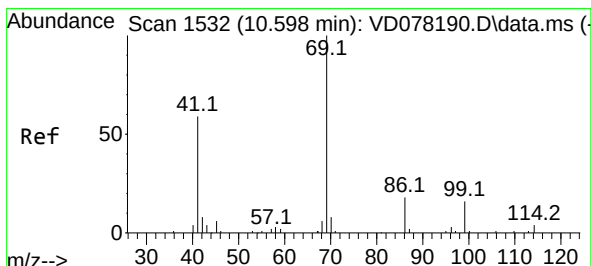
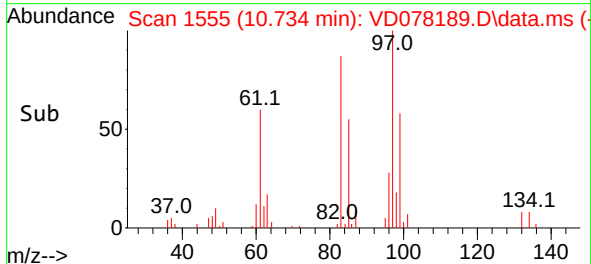
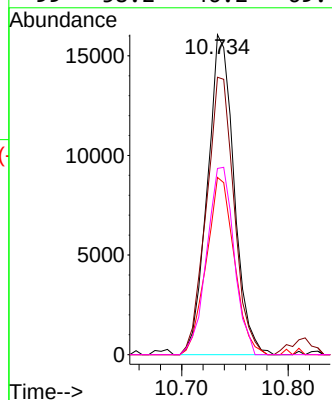
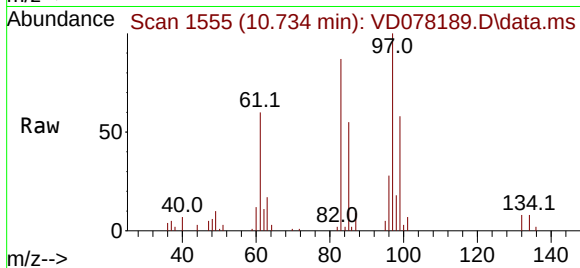




#55
1,1,2-Trichloroethane
Concen: 20.732 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

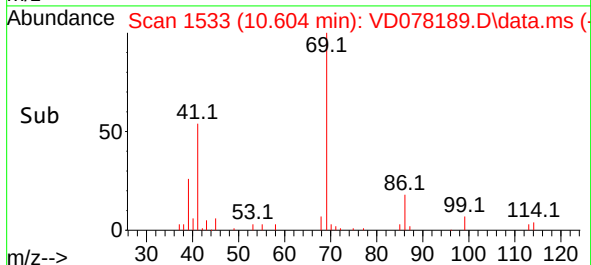
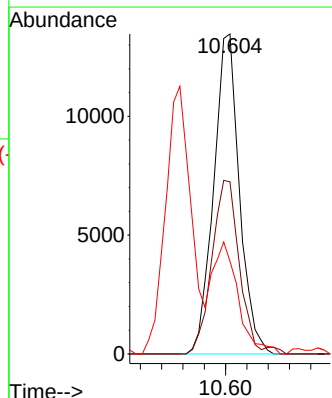
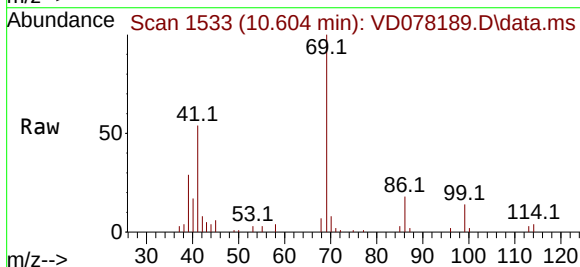
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

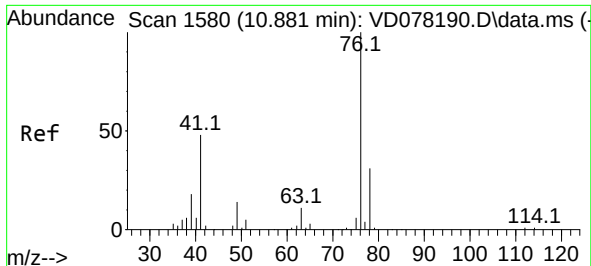
Tgt Ion: 97	Resp: 27850
Ion Ratio	Lower Upper
97 100	
83 86.7	65.8 98.6
85 55.4	45.7 68.5
99 58.2	46.2 69.4



#56
Ethyl methacrylate
Concen: 20.137 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.005 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 69	Resp: 22579
Ion Ratio	Lower Upper
69 100	
41 58.4	39.1 58.7
39 35.2	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.143 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

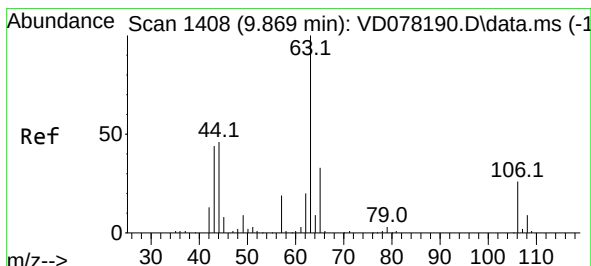
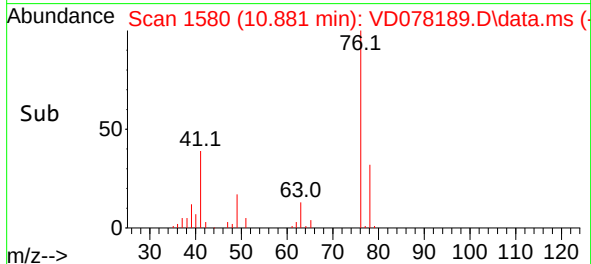
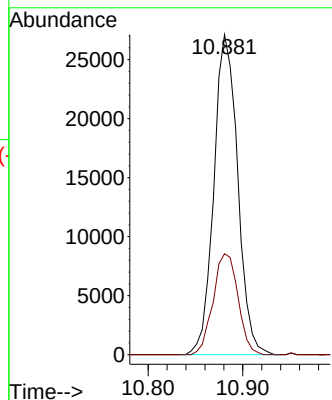
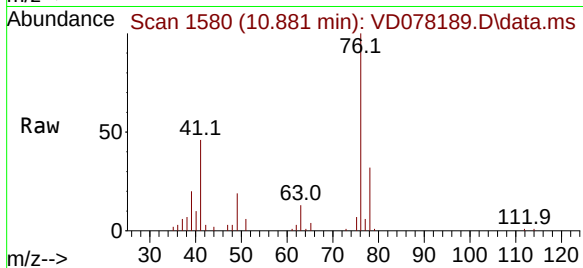
VSTDIC020

Tgt Ion: 76 Resp: 47415

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.524 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. -0.000 min

Lab File: VD078189.D

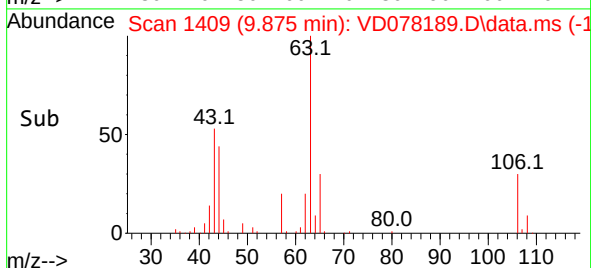
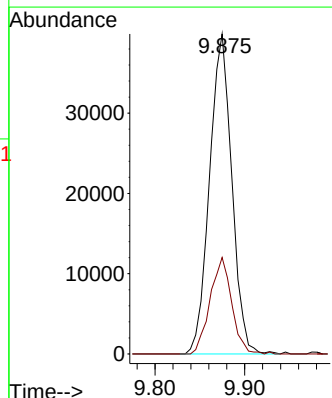
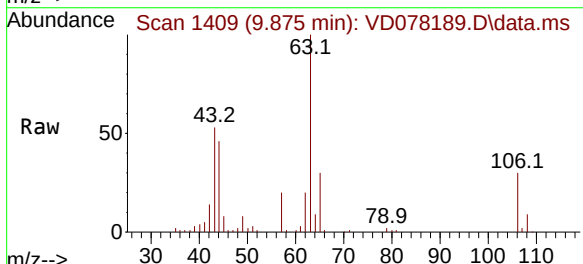
Acq: 22 Jan 2024 11:27

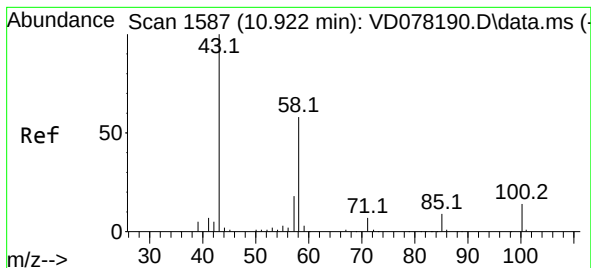
Tgt Ion: 63 Resp: 68652

Ion Ratio Lower Upper

63 100

106 29.4 25.3 37.9





#59

2-Hexanone

Concen: 118.797 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

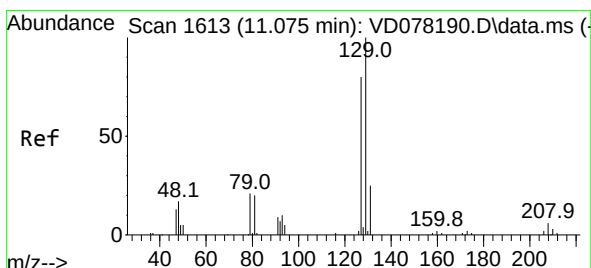
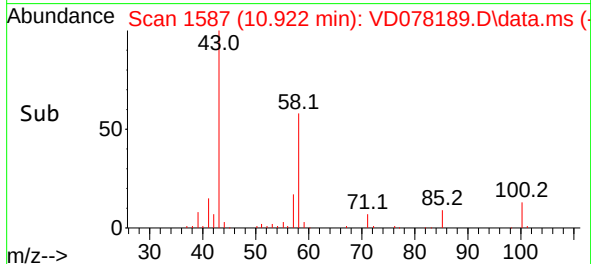
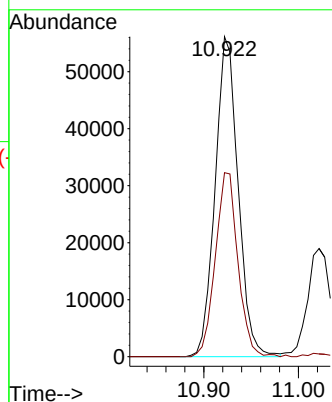
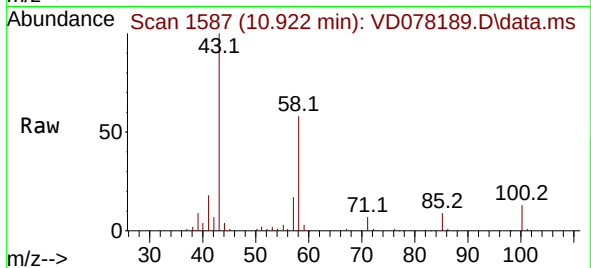
VSTDIC020

Tgt Ion: 43 Resp: 94897

Ion Ratio Lower Upper

43 100

58 56.5 34.1 102.2



#60

Dibromochloromethane

Concen: 20.900 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078189.D

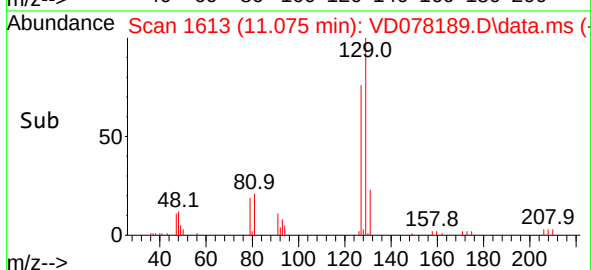
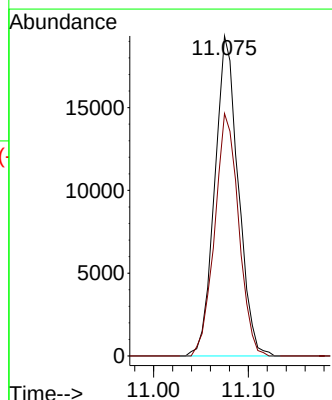
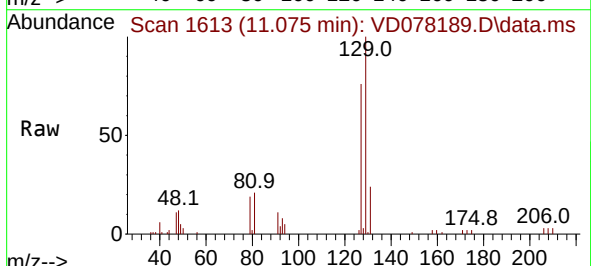
Acq: 22 Jan 2024 11:27

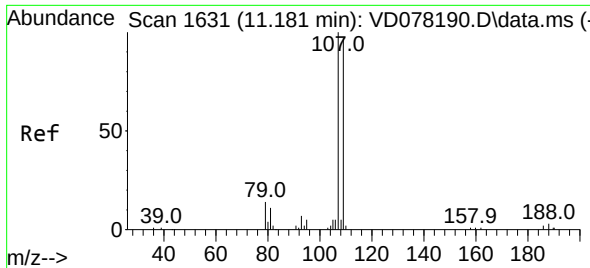
Tgt Ion:129 Resp: 33414

Ion Ratio Lower Upper

129 100

127 77.1 37.1 111.5

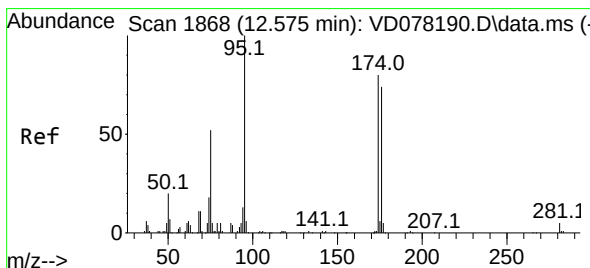
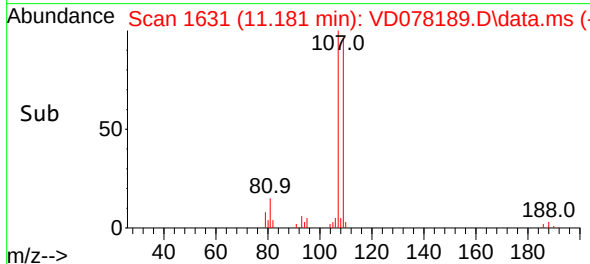
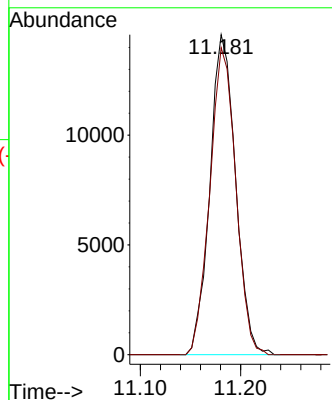
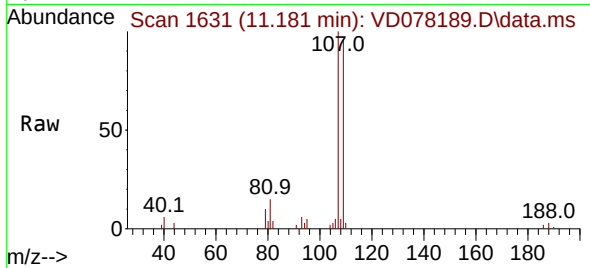




#61
1,2-Dibromoethane
Concen: 20.381 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

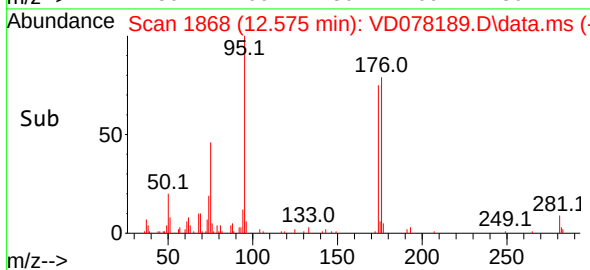
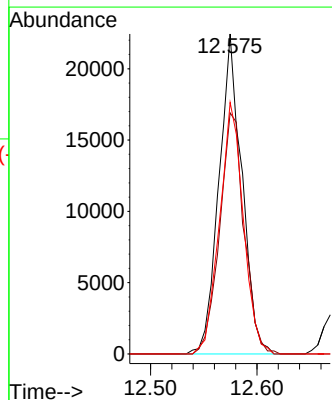
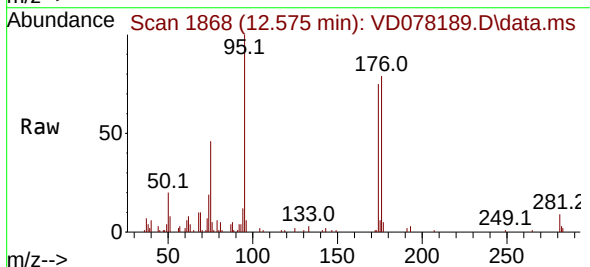
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

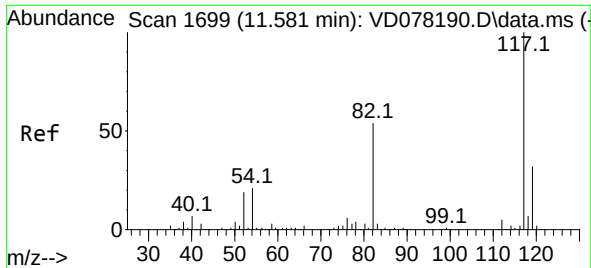
Tgt Ion:107 Resp: 25965
Ion Ratio Lower Upper
107 100
109 96.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 18.487 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 95 Resp: 33581
Ion Ratio Lower Upper
95 100
174 80.3 0.0 201.8
176 81.3 0.0 191.8

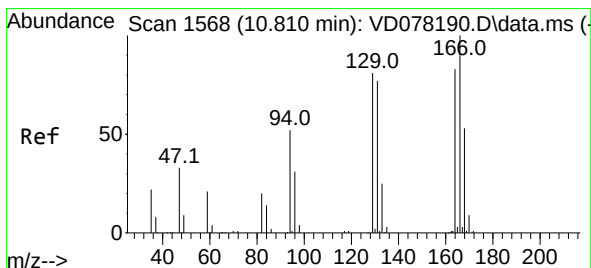
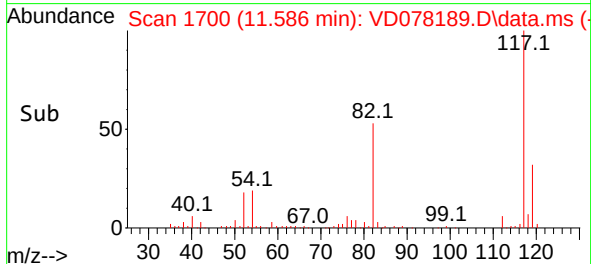
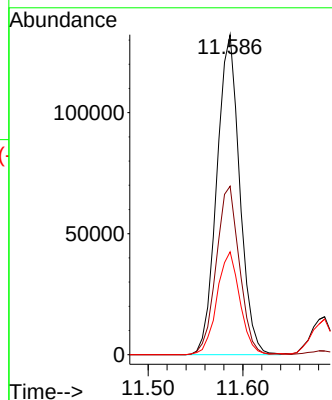
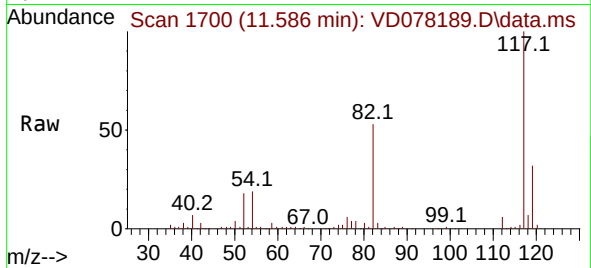




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

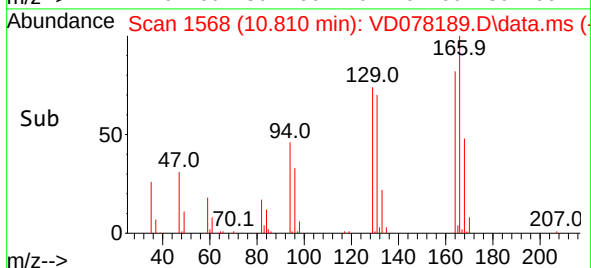
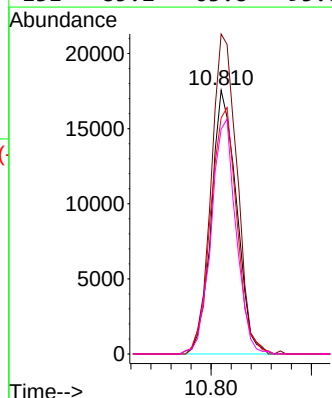
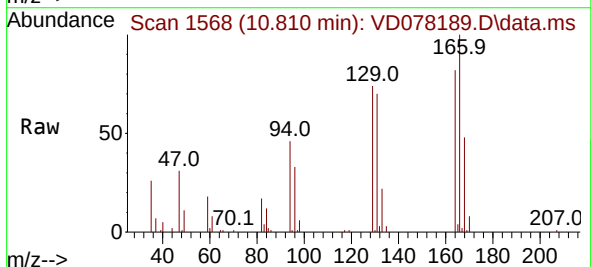
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

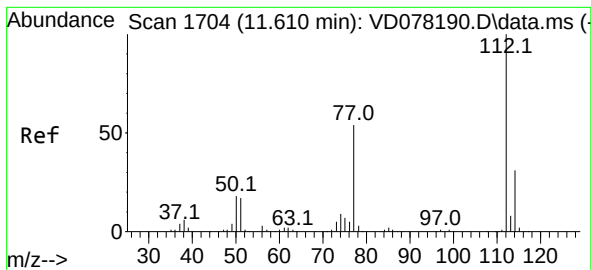
Tgt Ion:117 Resp: 222211
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 20.948 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion:164 Resp: 30653
Ion Ratio Lower Upper
164 100
166 121.3 99.2 148.8
129 89.5 68.4 102.6
131 85.2 63.8 95.8

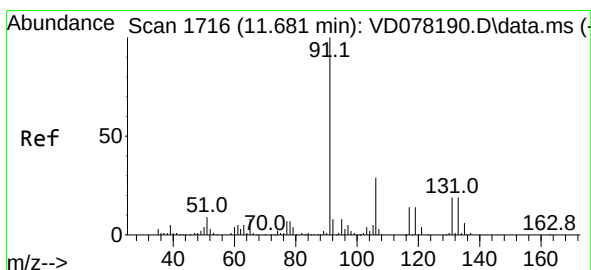
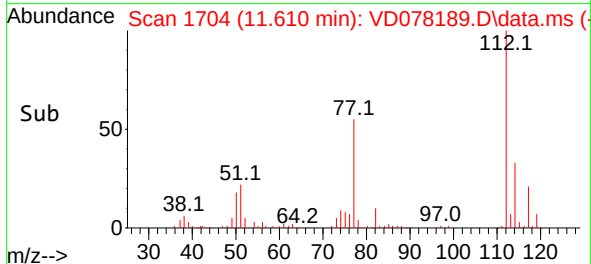
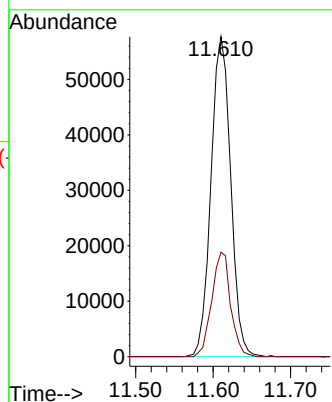
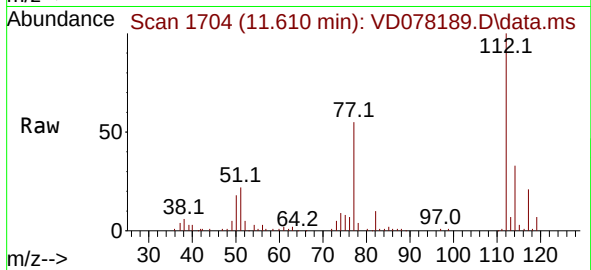




#65
Chlorobenzene
Concen: 20.454 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

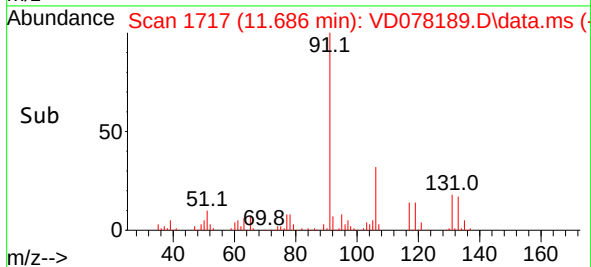
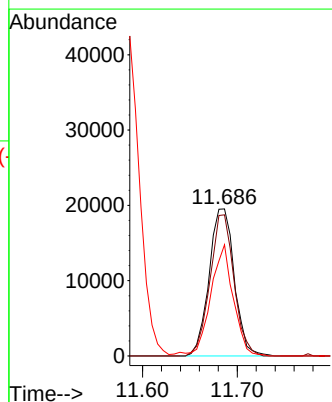
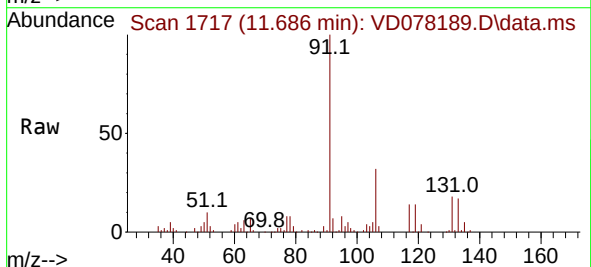
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

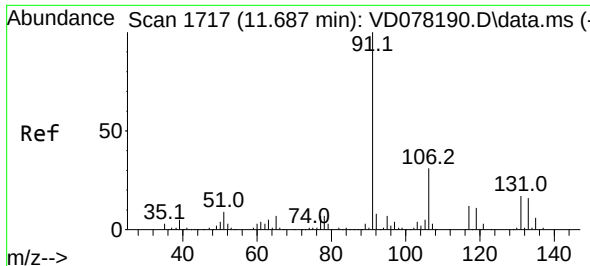
Tgt Ion:112 Resp: 102040
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.192 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.005 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion:131 Resp: 36093
Ion Ratio Lower Upper
131 100
133 91.6 48.5 145.5
119 68.0 35.6 106.9





#67

Ethyl Benzene

Concen: 19.896 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.001 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

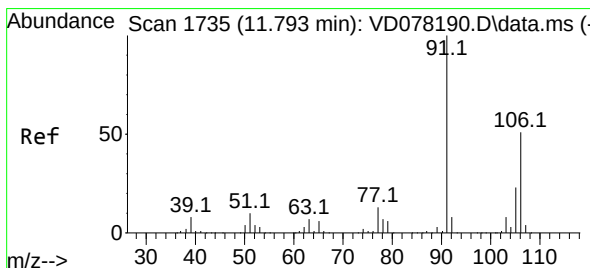
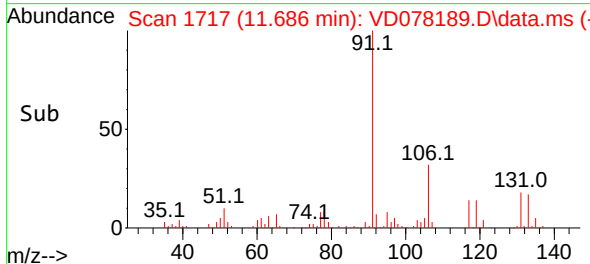
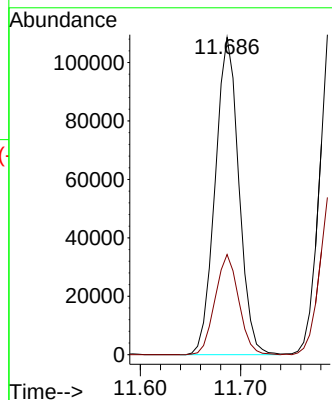
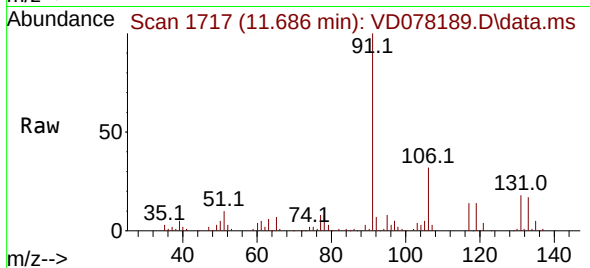
VSTDICC020

Tgt Ion: 91 Resp: 178072

Ion Ratio Lower Upper

91 100

106 31.6 26.5 39.7



#68

m/p-Xylenes

Concen: 40.167 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD078189.D

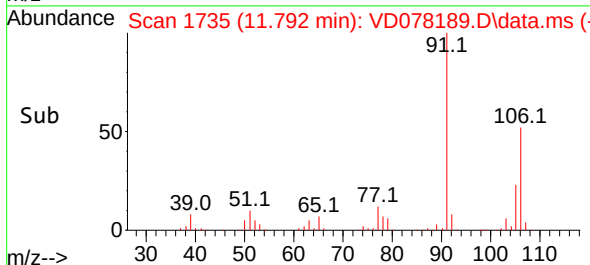
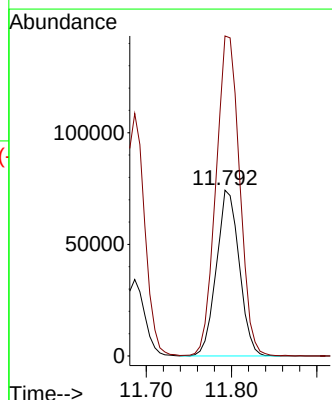
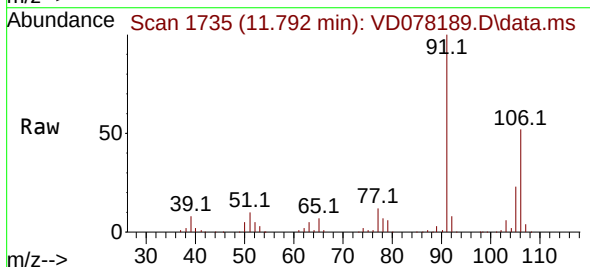
Acq: 22 Jan 2024 11:27

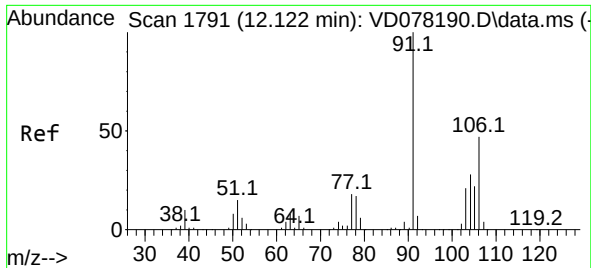
Tgt Ion:106 Resp: 138148

Ion Ratio Lower Upper

106 100

91 200.7 147.0 220.6

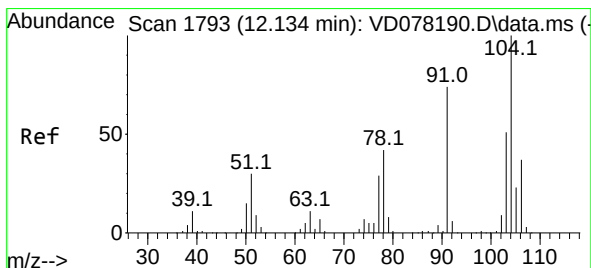
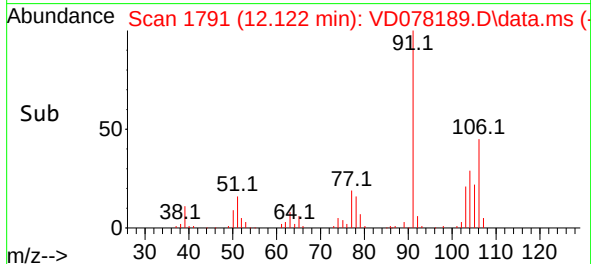
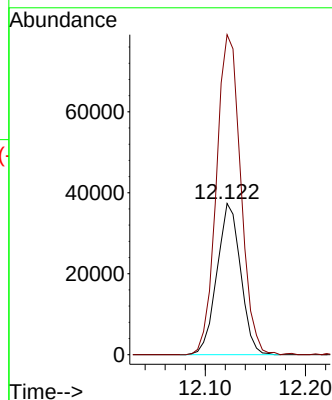
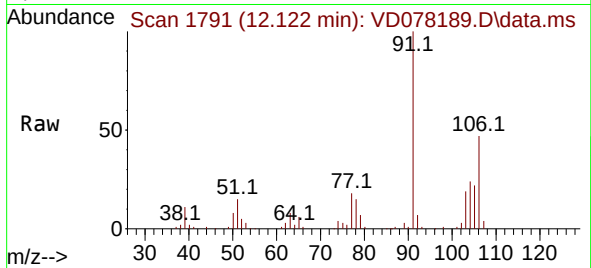




#69
o-Xylene
Concen: 19.750 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

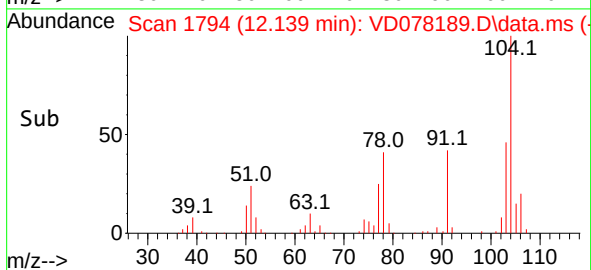
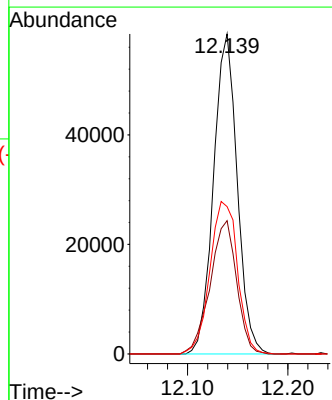
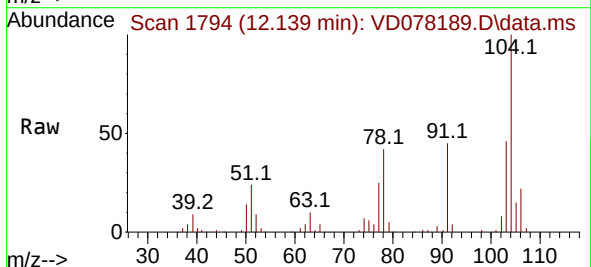
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

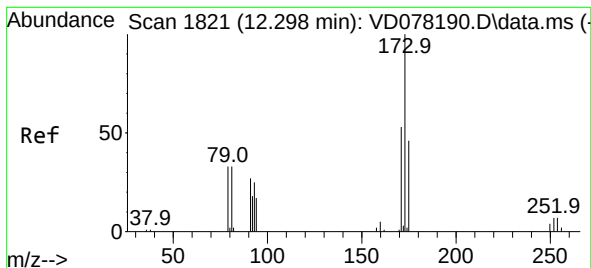
Tgt Ion:106 Resp: 61175
Ion Ratio Lower Upper
106 100
91 217.9 97.9 293.6



#70
Styrene
Concen: 20.628 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion:104 Resp: 95863
Ion Ratio Lower Upper
104 100
78 46.4 33.2 49.8
103 55.5 43.6 65.4





#71

Bromoform

Concen: 20.516 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

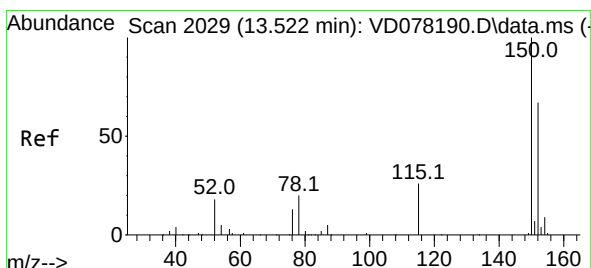
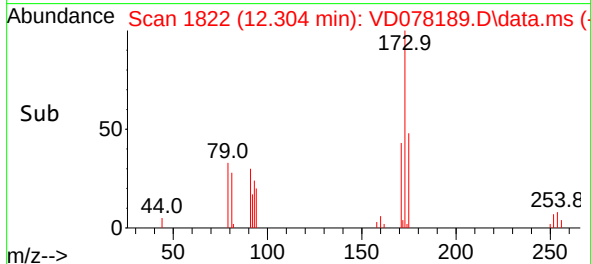
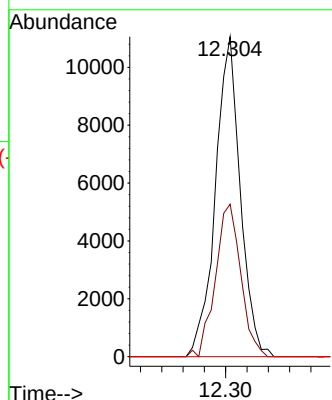
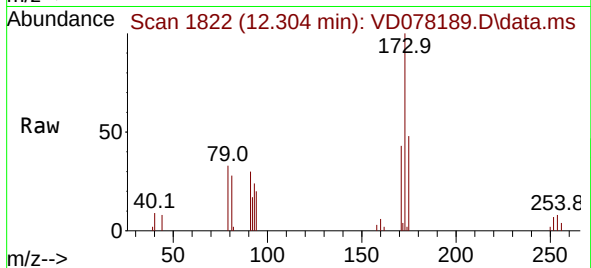
Tgt Ion:173 Resp: 17902

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

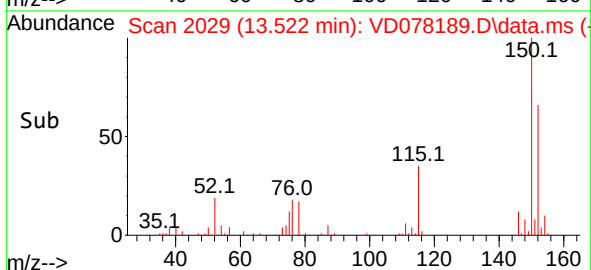
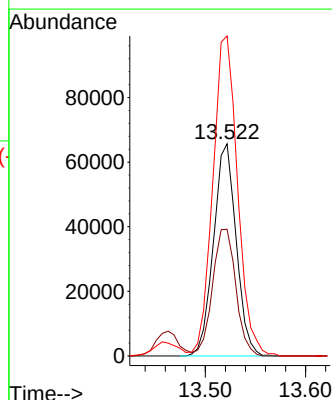
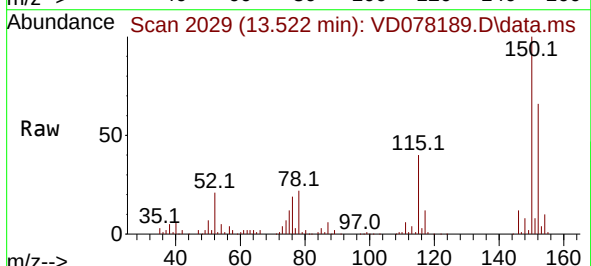
Tgt Ion:152 Resp: 103205

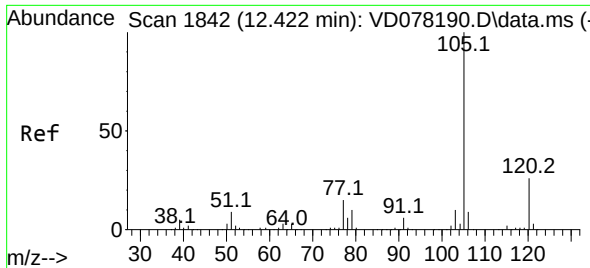
Ion Ratio Lower Upper

152 100

115 61.5 27.1 81.3

150 164.5 0.0 353.6

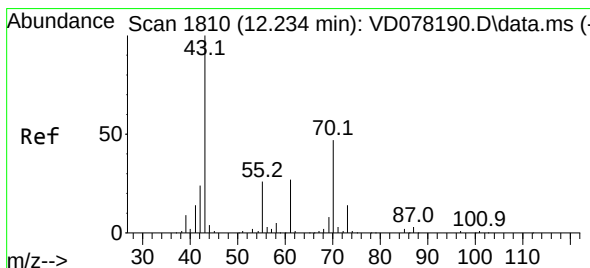
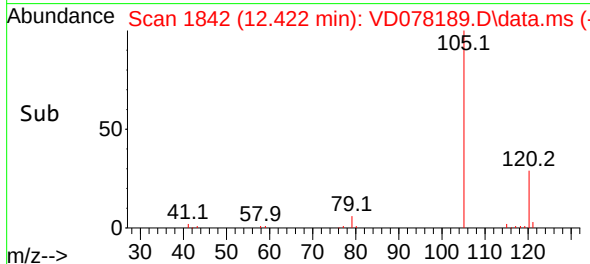
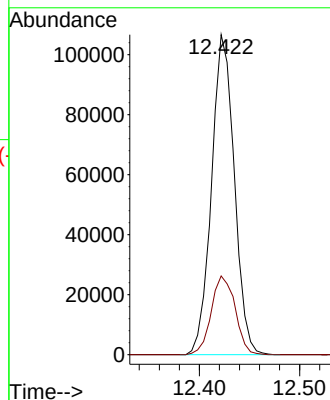
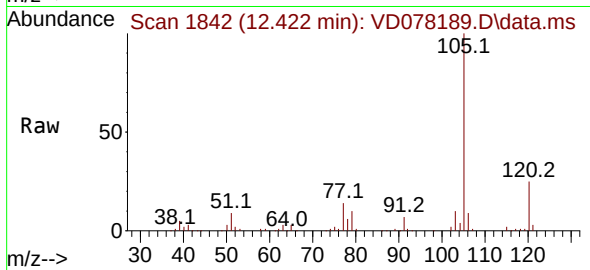




#73
Isopropylbenzene
Concen: 20.537 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

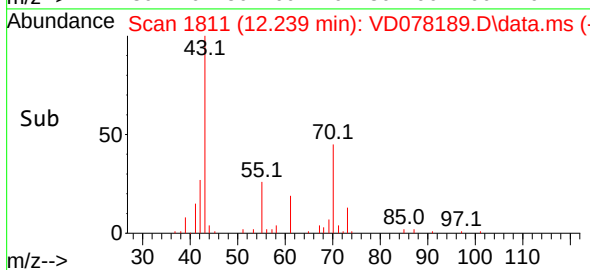
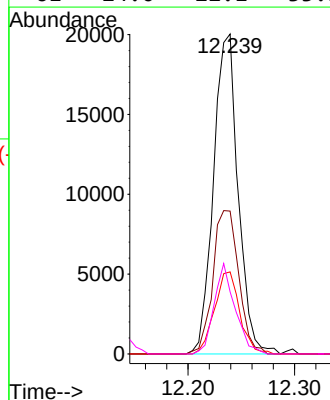
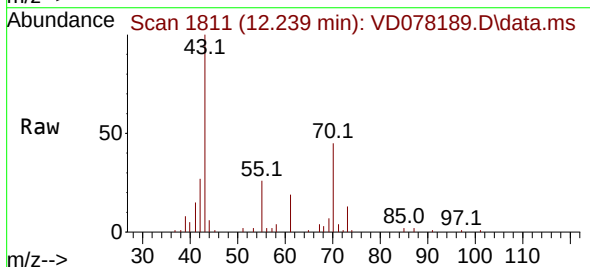
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

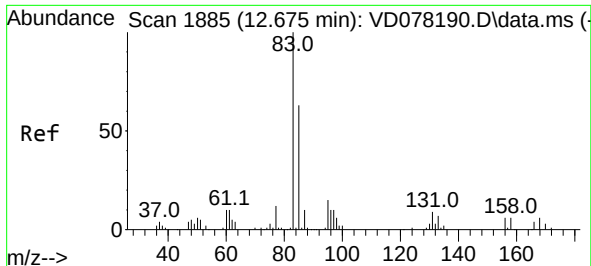
Tgt Ion:105 Resp: 168489
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9



#74
N-ethyl acetate
Concen: 20.619 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.005 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 43 Resp: 32131
Ion Ratio Lower Upper
43 100
70 47.2 45.0 67.4
55 26.2 23.8 35.6
61 24.0 22.1 33.1

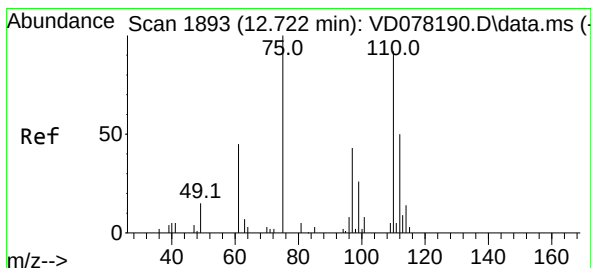
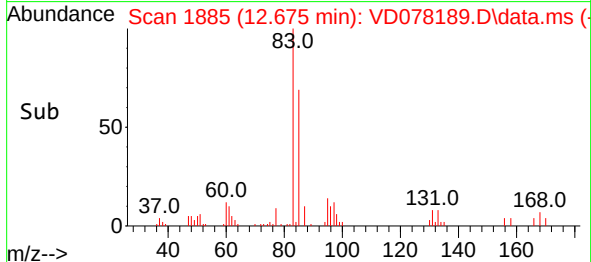
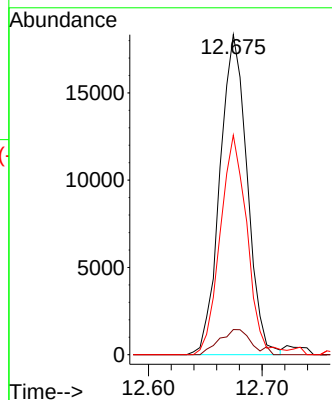
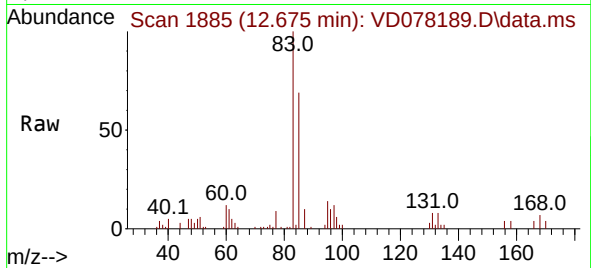




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.039 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078189.D
 Acq: 22 Jan 2024 11:27

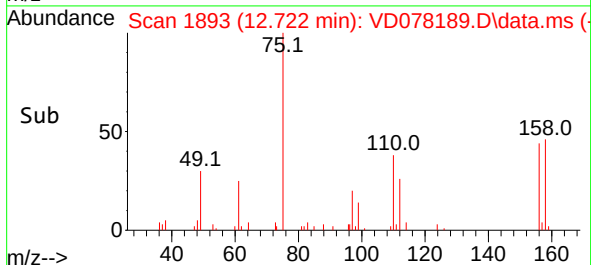
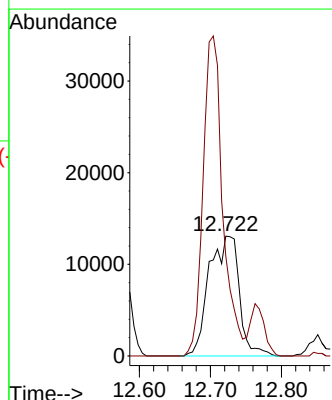
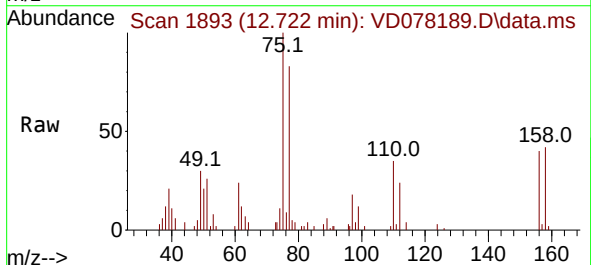
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

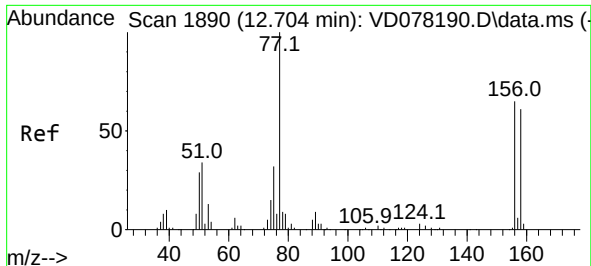
Tgt Ion: 83 Resp: 30601
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.1 15.3
 85 67.5 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 22.585 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD078189.D
 Acq: 22 Jan 2024 11:27

Tgt Ion: 75 Resp: 38641
 Ion Ratio Lower Upper
 75 100
 77 174.0 0.0 0.0#

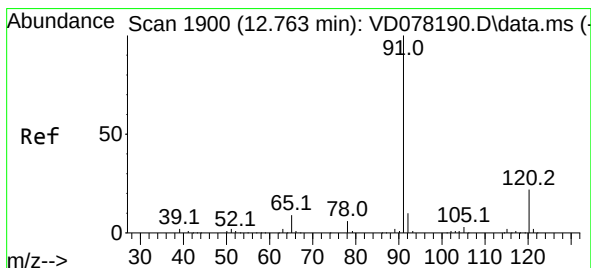
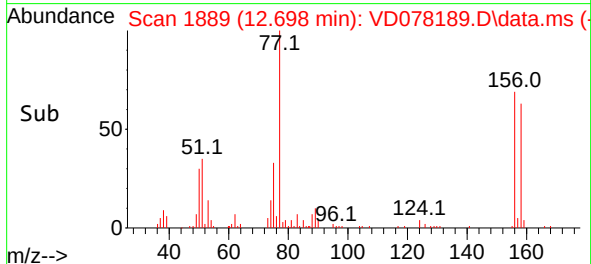
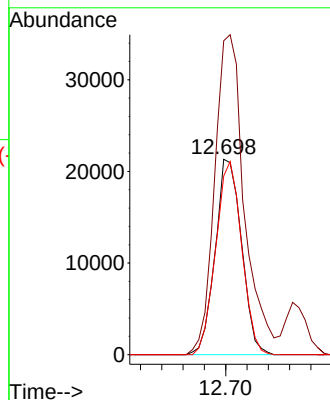
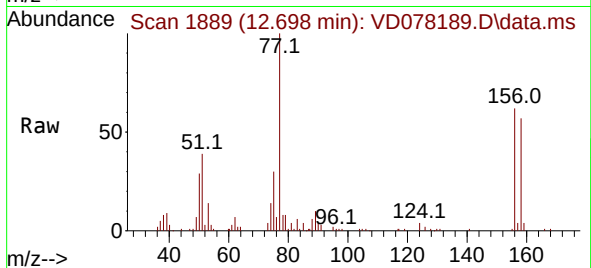




#77
Bromobenzene
Concen: 20.166 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

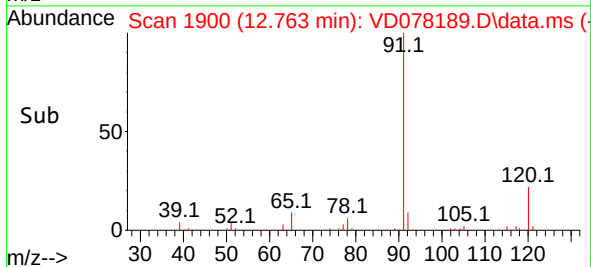
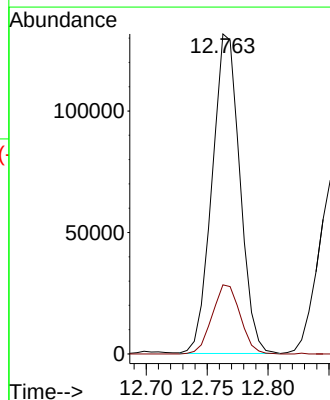
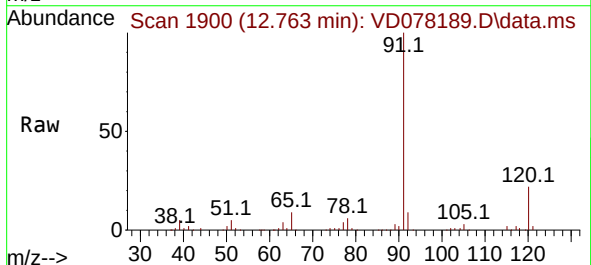
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

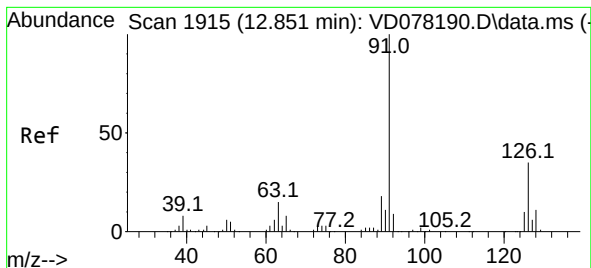
Tgt Ion:156 Resp: 36598
Ion Ratio Lower Upper
156 100
77 183.8 76.8 230.4
158 97.7 48.6 145.9



#78
n-propylbenzene
Concen: 20.571 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 91 Resp: 208443
Ion Ratio Lower Upper
91 100
120 21.9 12.4 37.2

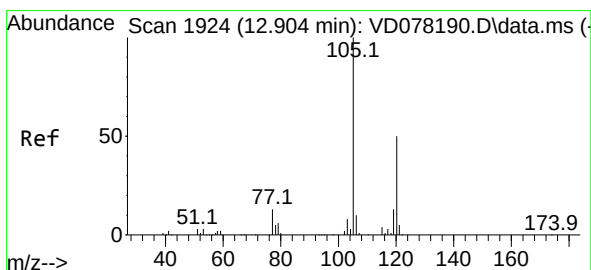
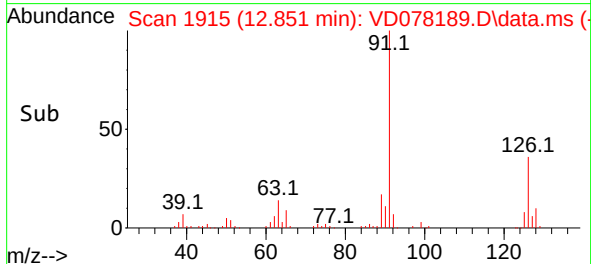
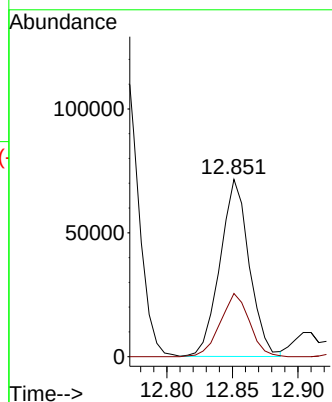
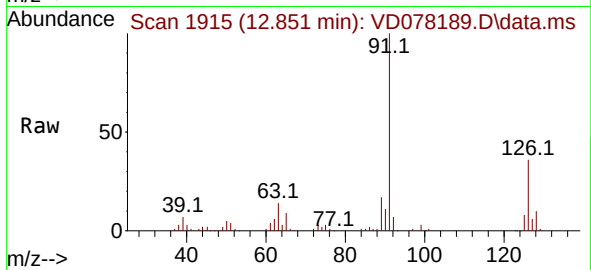




#79
2-Chlorotoluene
Concen: 20.408 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

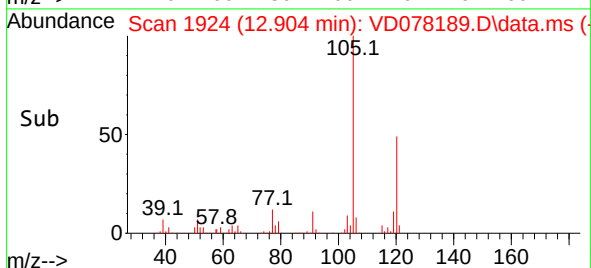
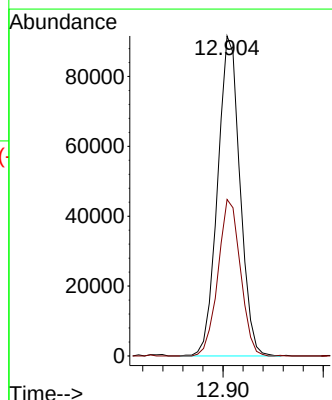
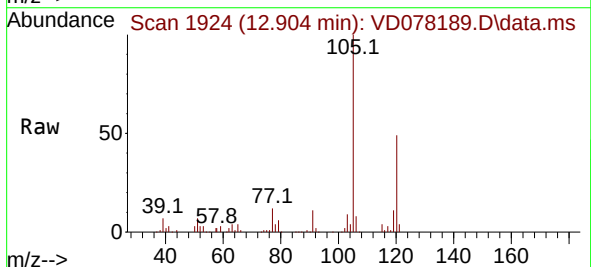
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

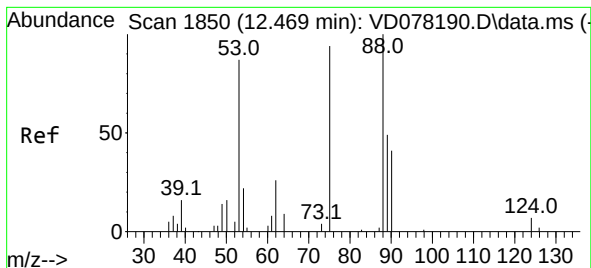
Tgt Ion: 91 Resp: 110794
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.864 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 105 Resp: 141384
Ion Ratio Lower Upper
105 100
120 49.0 26.4 79.2

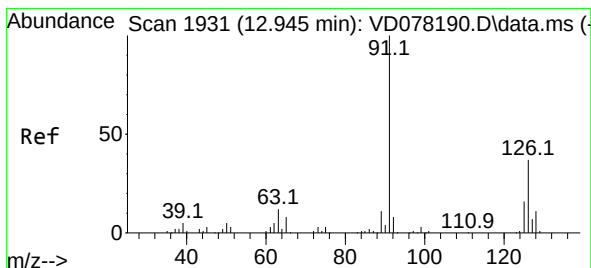
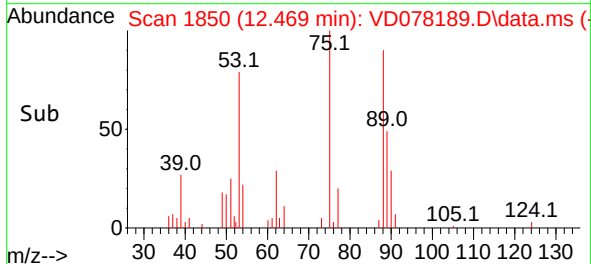
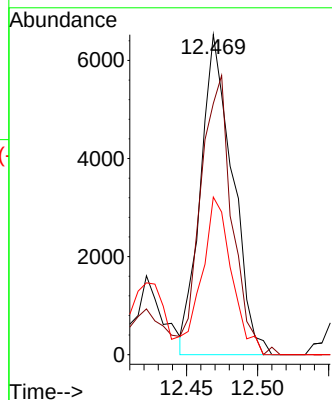
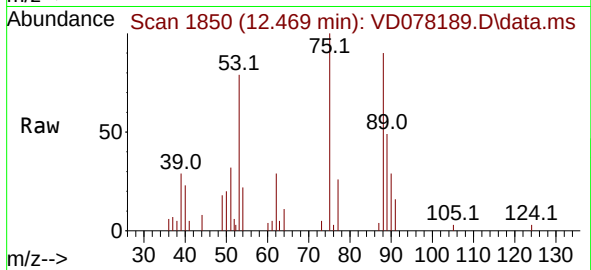




#81
trans-1,4-Dichloro-2-butene
Concen: 20.970 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

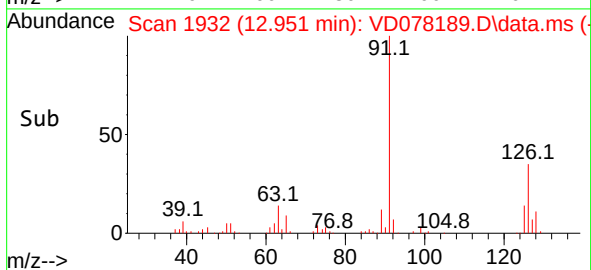
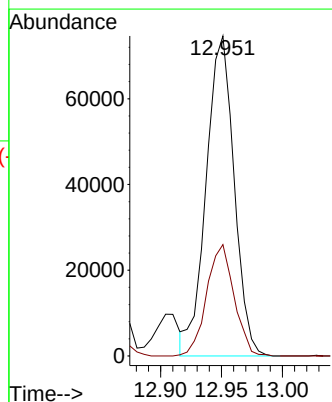
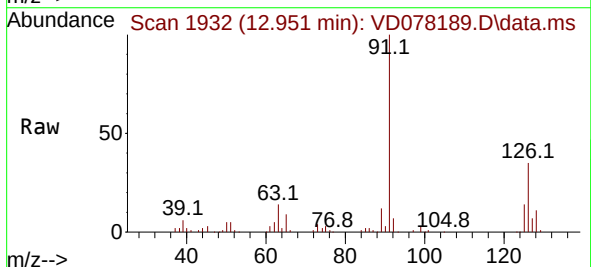
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

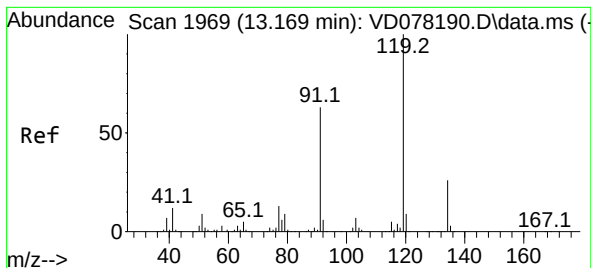
Tgt Ion: 75 Resp: 10228
Ion Ratio Lower Upper
75 100
53 84.5 63.0 94.4
89 45.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.124 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 91 Resp: 119312
Ion Ratio Lower Upper
91 100
126 34.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.989 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

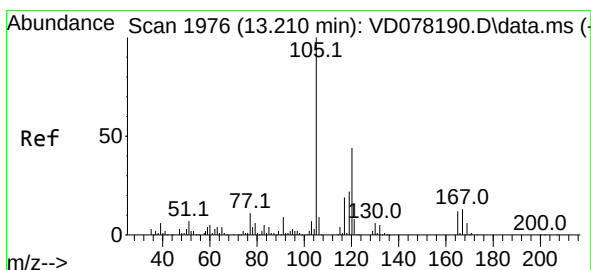
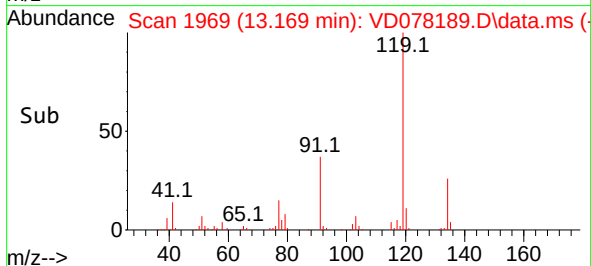
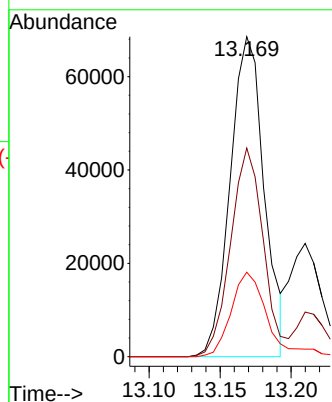
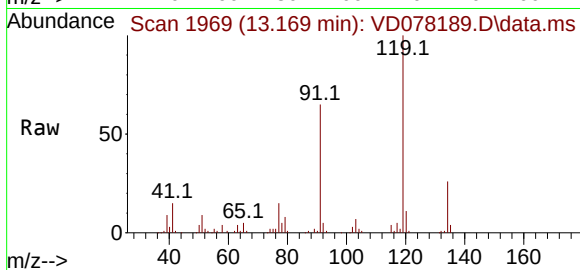
Tgt Ion:119 Resp: 114139

Ion Ratio Lower Upper

119 100

91 63.0 29.3 87.8

134 28.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.021 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078189.D

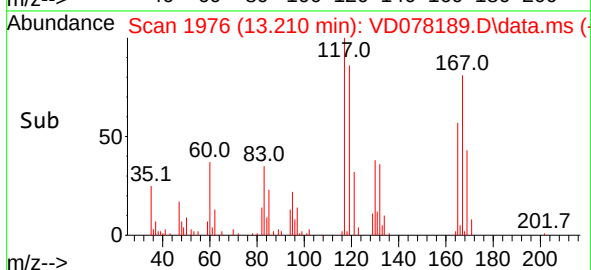
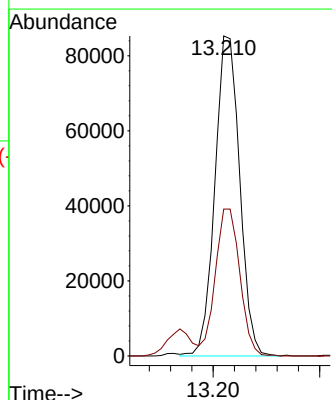
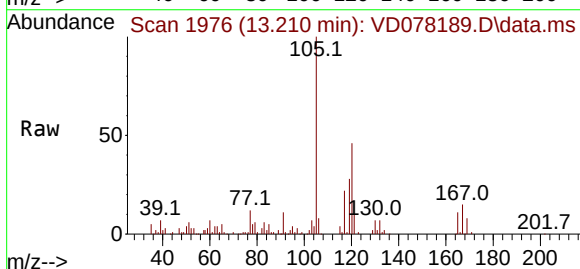
Acq: 22 Jan 2024 11:27

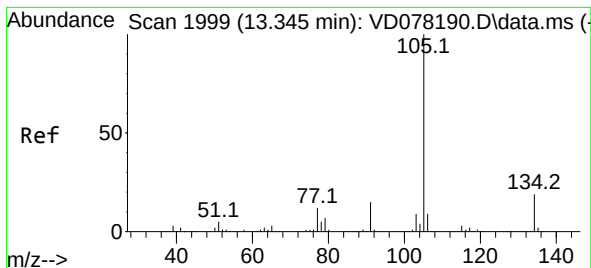
Tgt Ion:105 Resp: 137279

Ion Ratio Lower Upper

105 100

120 45.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.376 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

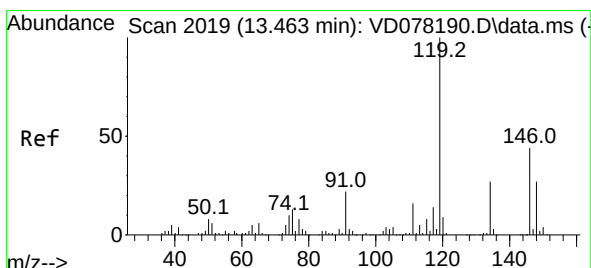
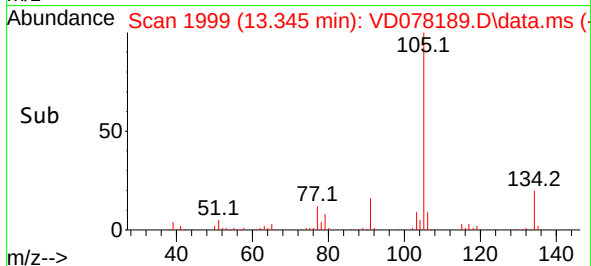
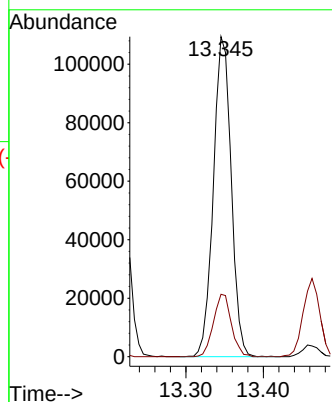
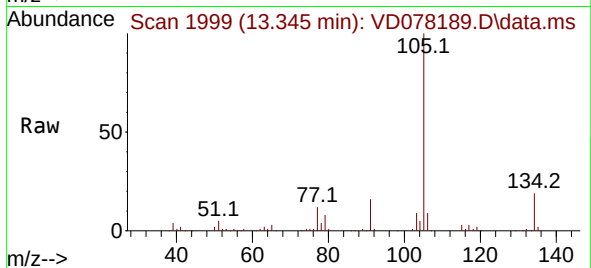
VSTDIC020

Tgt Ion:105 Resp: 174665

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.238 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

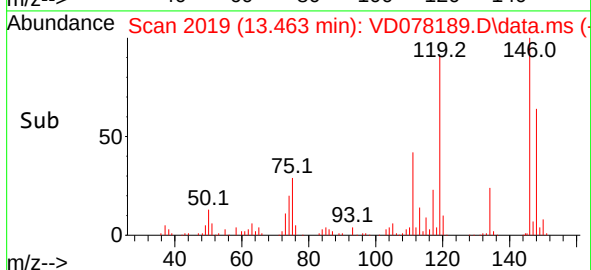
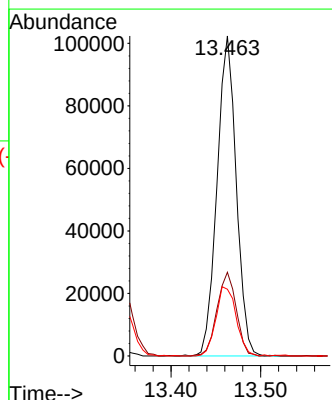
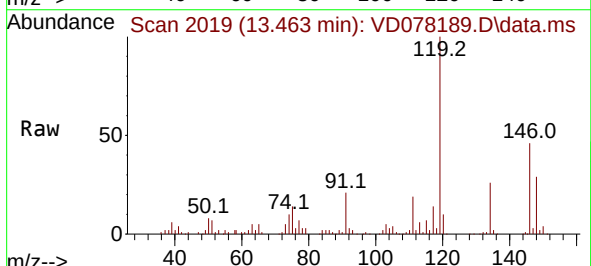
Tgt Ion:119 Resp: 152034

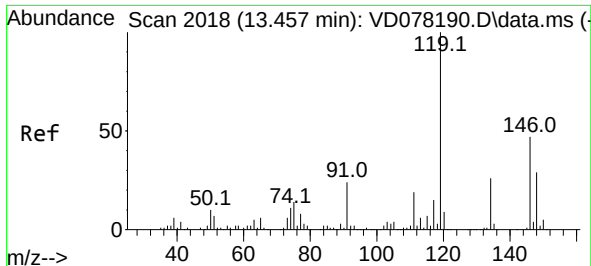
Ion Ratio Lower Upper

119 100

134 26.1 14.2 42.6

91 23.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.300 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

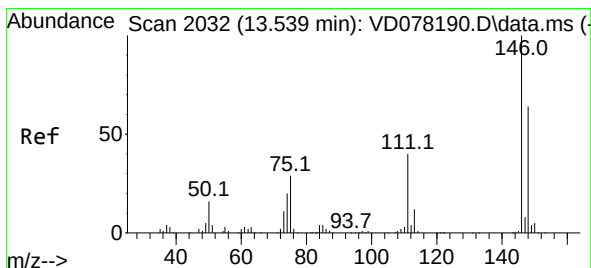
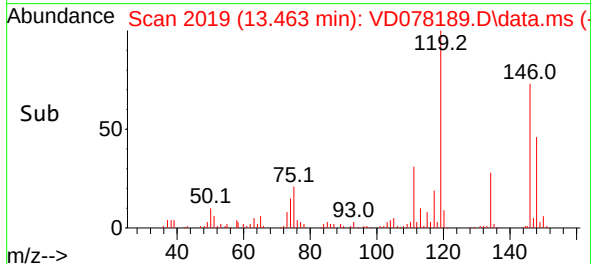
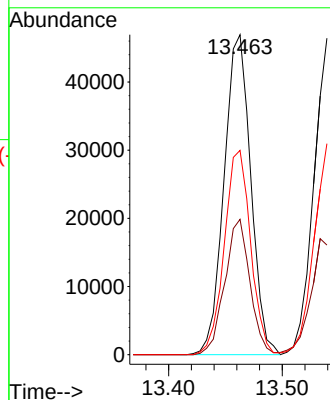
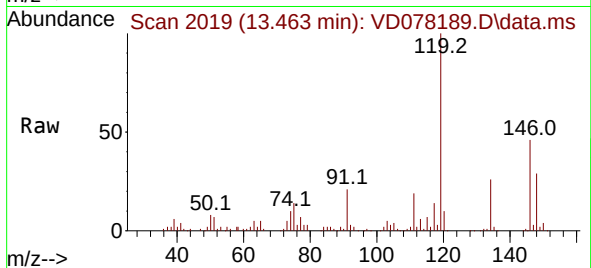
Tgt Ion:146 Resp: 76553

Ion Ratio Lower Upper

146 100

111 39.9 17.9 53.8

148 63.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.329 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

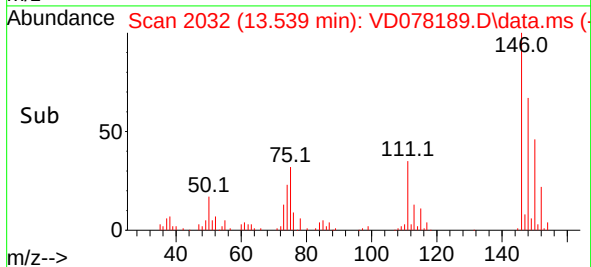
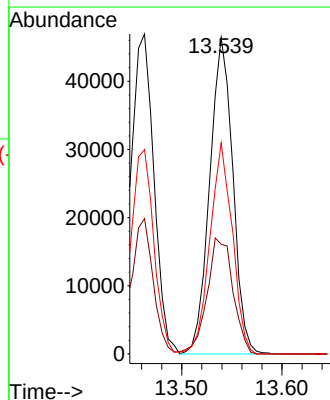
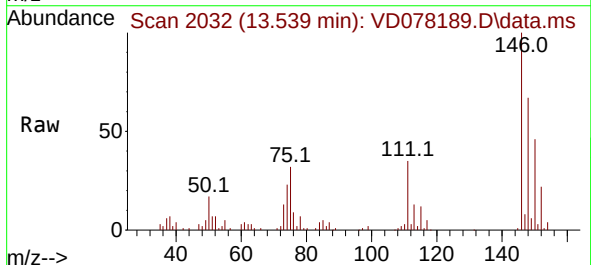
Tgt Ion:146 Resp: 74466

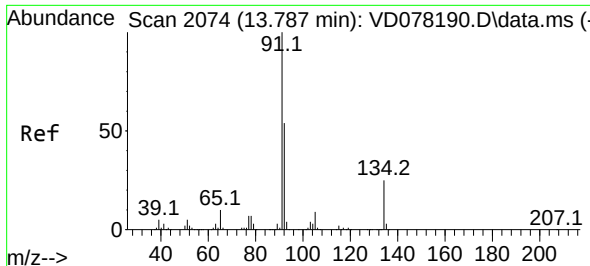
Ion Ratio Lower Upper

146 100

111 41.1 17.4 52.3

148 64.9 31.7 95.1

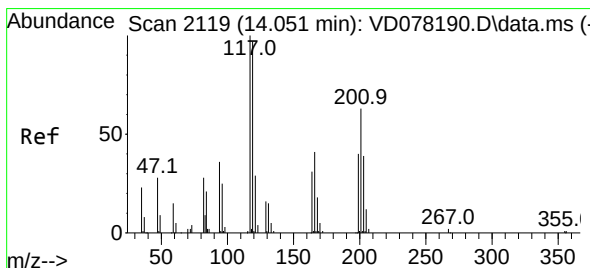
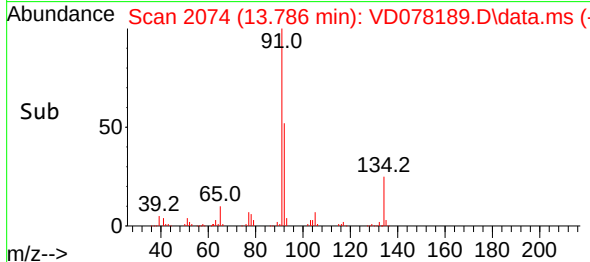
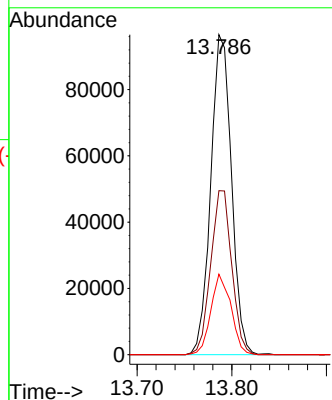
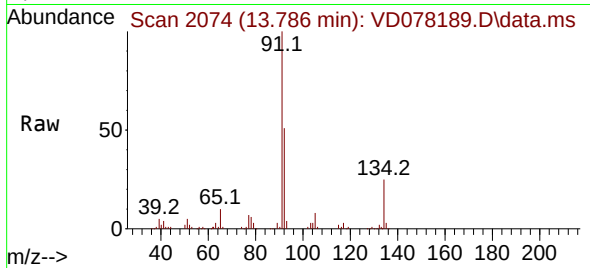




#89
n-Butylbenzene
Concen: 20.411 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

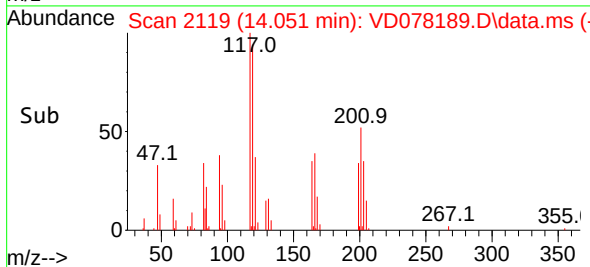
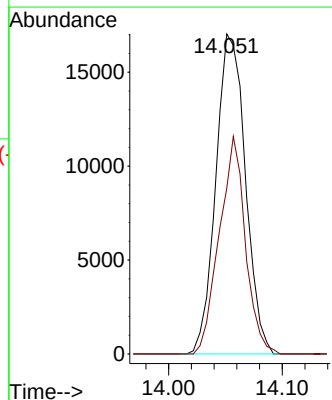
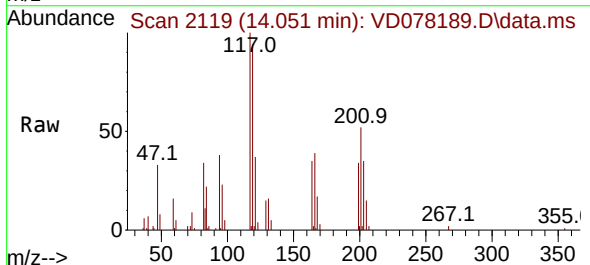
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

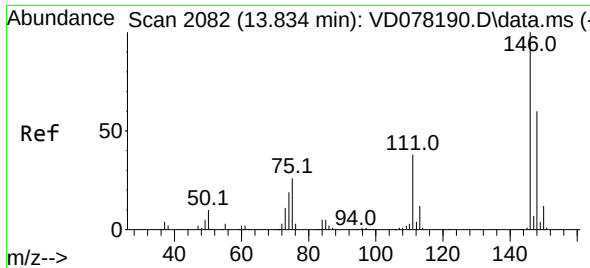
Tgt Ion: 91 Resp: 146904
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 24.5 13.8 41.3



#90
Hexachloroethane
Concen: 20.463 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 117 Resp: 30705
Ion Ratio Lower Upper
117 100
201 60.1 38.5 115.5

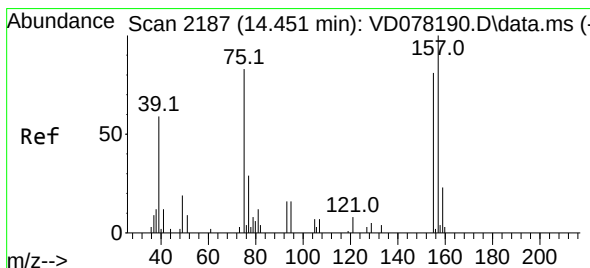
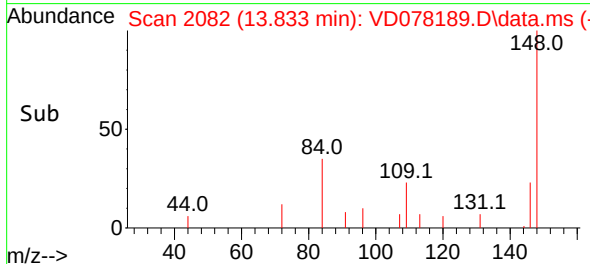
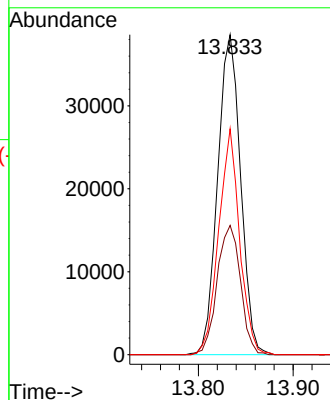
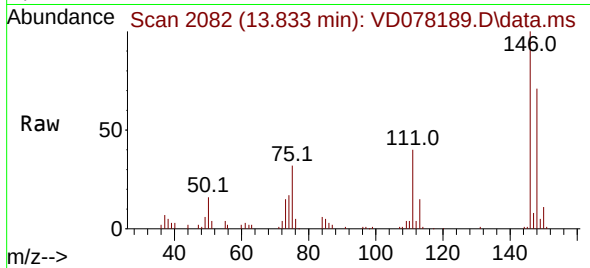




#91
1,2-Dichlorobenzene
Concen: 20.504 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

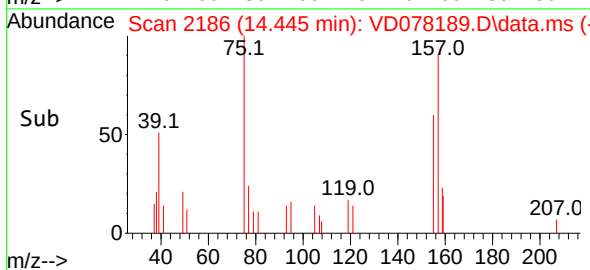
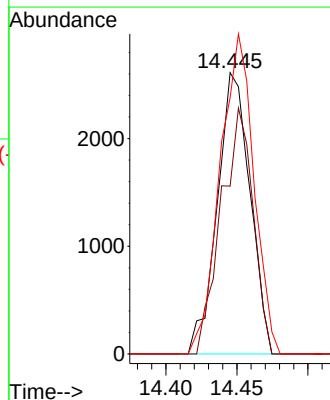
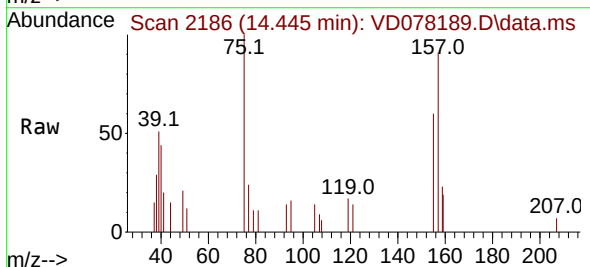
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

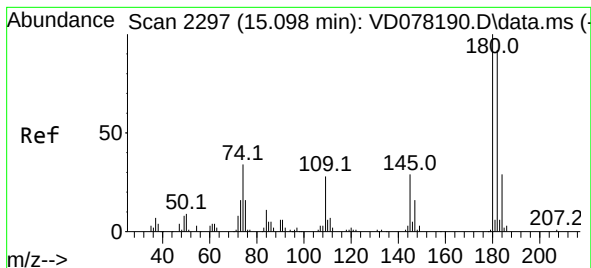
Tgt Ion:146 Resp: 64931
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 64.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.517 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion: 75 Resp: 4190
Ion Ratio Lower Upper
75 100
155 84.9 47.9 143.8
157 117.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.021 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

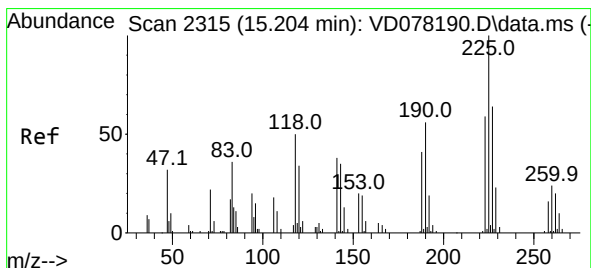
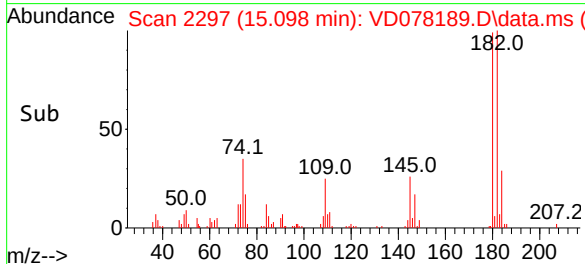
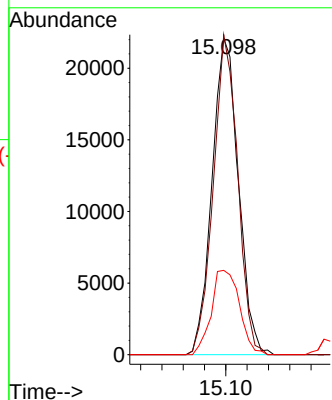
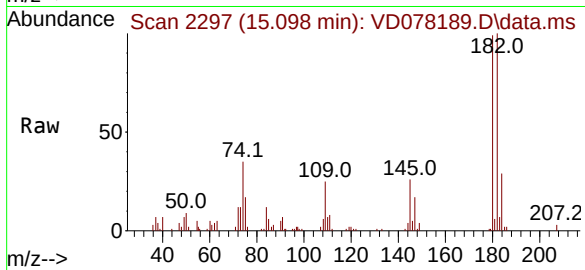
Tgt Ion:180 Resp: 37969

Ion Ratio Lower Upper

180 100

182 93.4 48.5 145.6

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.038 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078189.D

Acq: 22 Jan 2024 11:27

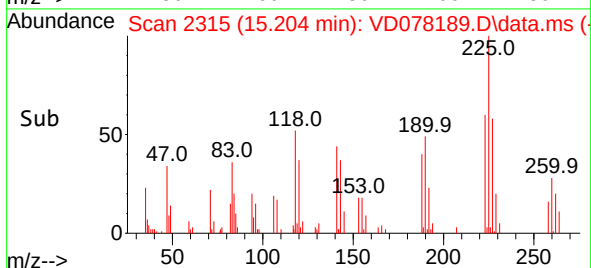
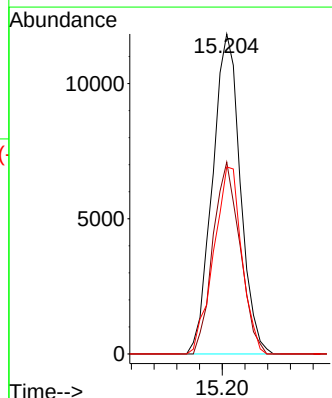
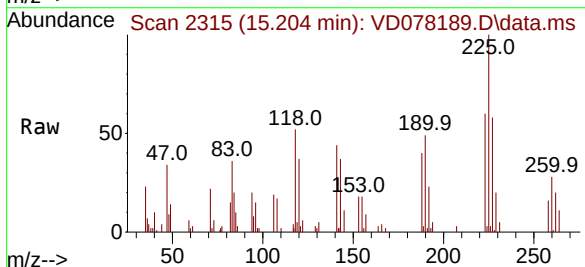
Tgt Ion:225 Resp: 20141

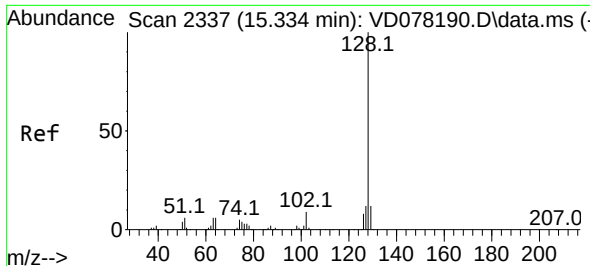
Ion Ratio Lower Upper

225 100

223 58.2 31.6 94.8

227 58.9 31.7 95.1

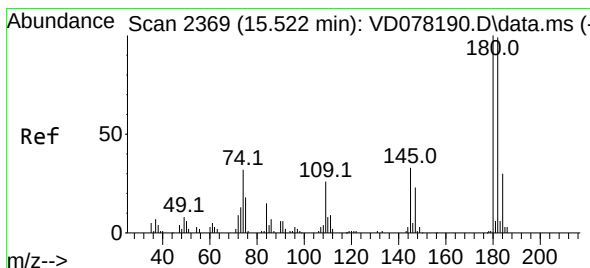
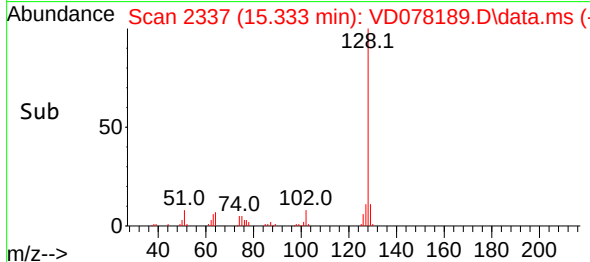
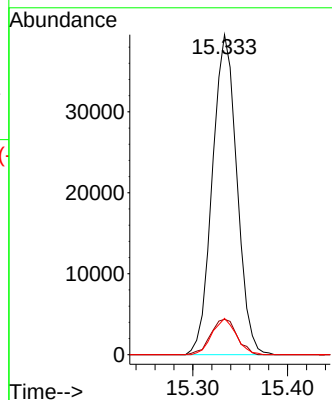
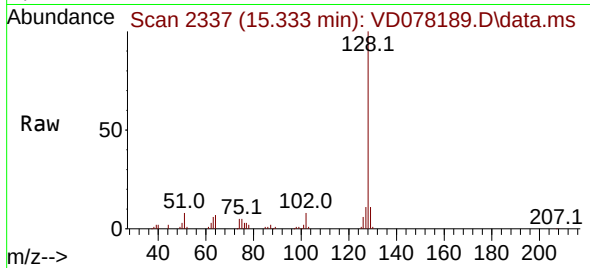




#95
Naphthalene
Concen: 19.774 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128	Resp:	71169
Ion Ratio	Lower	Upper
128	100	
127	11.1	10.5 15.7
129	11.4	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.604 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078189.D
Acq: 22 Jan 2024 11:27

Tgt Ion:180	Resp:	31682
Ion Ratio	Lower	Upper
180	100	
182	98.7	47.3 141.9
145	34.4	15.1 45.3

