

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079411.D
 Acq On : 26 Jul 2024 16:47
 Operator : RP/MD
 Sample : VD0726SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 03:34:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146627	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	96201	55.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.100%	
35) Dibromofluoromethane	7.805	113	105819	52.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.440%	
50) Toluene-d8	10.269	98	393750	50.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.569	95	124757	51.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.020%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.928	85	23800	14.944	ug/l	95
3) Chloromethane	2.140	50	7911	9.613	ug/l	92
4) Vinyl Chloride	2.281	62	9100	14.409	ug/l	100
5) Bromomethane	2.670	94	13232	19.956	ug/l	100
6) Chloroethane	2.828	64	9103	22.099	ug/l	92
7) Trichlorofluoromethane	3.164	101	67527	19.843	ug/l	98
8) Diethyl Ether	3.587	74	20252	21.106	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.970	101	42734	18.450	ug/l	97
10) Methyl Iodide	4.158	142	44127	16.830	ug/l	95
11) Tert butyl alcohol	5.058	59	11579	111.875	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	40292	18.862	ug/l	91
13) Acrolein	3.799	56	17464	109.678	ug/l	97
14) Allyl chloride	4.558	41	51436	21.624	ug/l	88
15) Acrylonitrile	5.252	53	46599	107.893	ug/l	96
16) Acetone	4.017	43	33472	105.727	ug/l	95
17) Carbon Disulfide	4.264	76	129375	18.175	ug/l	96
18) Methyl Acetate	4.552	43	23011	22.464	ug/l	89
19) Methyl tert-butyl Ether	5.311	73	85868	20.193	ug/l	99
20) Methylene Chloride	4.793	84	67927	18.363	ug/l #	82
21) trans-1,2-Dichloroethene	5.305	96	45870	19.008	ug/l	96
22) Diisopropyl ether	6.211	45	119926	21.800	ug/l #	93
23) Vinyl Acetate	6.152	43	431239	104.708	ug/l	96
24) 1,1-Dichloroethane	6.105	63	81860	20.677	ug/l	97
25) 2-Butanone	7.075	43	49285	101.442	ug/l	89
26) 2,2-Dichloropropane	7.069	77	67631	19.876	ug/l	100
27) cis-1,2-Dichloroethene	7.069	96	54113	19.440	ug/l	89
28) Bromochloromethane	7.422	49	33744	20.279	ug/l #	79
29) Tetrahydrofuran	7.440	42	31779	102.496	ug/l #	85
30) Chloroform	7.593	83	88020	19.382	ug/l	90
31) Cyclohexane	7.875	56	60415	17.648	ug/l #	89
32) 1,1,1-Trichloroethane	7.793	97	73349	19.209	ug/l	99
36) 1,1-Dichloropropene	8.005	75	59029	18.442	ug/l	96
37) Ethyl Acetate	7.163	43	23716	19.962	ug/l	98
38) Carbon Tetrachloride	7.993	117	62673	17.923	ug/l	98
39) Methylcyclohexane	9.269	83	68762	17.930	ug/l	90
40) Benzene	8.246	78	191944	19.203	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	9221	15.405	ug/l #	81
42) 1,2-Dichloroethane	8.322	62	46444	18.984	ug/l	98
43) Isopropyl Acetate	8.363	43	43100	19.306	ug/l #	81
44) Trichloroethene	9.022	130	45529	19.010	ug/l	87
45) 1,2-Dichloropropane	9.305	63	46985	19.128	ug/l	97
46) Dibromomethane	9.387	93	27104	19.176	ug/l	92
47) Bromodichloromethane	9.581	83	68415	19.742	ug/l	99
48) Methyl methacrylate	9.375	41	18696	17.844	ug/l	93
49) 1,4-Dioxane	9.387	88	5540	393.195	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	112605	92.650	ug/l	97
52) Toluene	10.334	92	122589	19.936	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	57622	19.002	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	70436	19.147	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	36060	19.389	ug/l	93
56) Ethyl methacrylate	10.593	69	39787	18.979	ug/l	97
57) 1,3-Dichloropropane	10.881	76	58408	18.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	87216	98.364	ug/l	92
59) 2-Hexanone	10.916	43	79068	94.588	ug/l	99
60) Dibromochloromethane	11.069	129	44673	18.774	ug/l	92
61) 1,2-Dibromoethane	11.175	107	33469	18.810	ug/l	93
64) Tetrachloroethene	10.804	164	37098	18.573	ug/l	91
65) Chlorobenzene	11.604	112	131445	19.528	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	44364	19.176	ug/l	96
67) Ethyl Benzene	11.681	91	216735	19.234	ug/l	97
68) m/p-Xylenes	11.793	106	169622	38.142	ug/l	86
69) o-Xylene	12.116	106	76142	19.148	ug/l	84
70) Styrene	12.134	104	141400	19.738	ug/l	96
71) Bromoform	12.293	173	24651	19.882	ug/l #	94
73) Isopropylbenzene	12.416	105	201402	19.384	ug/l	97
74) N-amyl acetate	12.228	43	41462	19.047	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	42119	19.760	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	51083	35.052	ug/l #	100
77) Bromobenzene	12.698	156	48565	20.105	ug/l	81
78) n-propylbenzene	12.763	91	256308	19.327	ug/l	95
79) 2-Chlorotoluene	12.845	91	146941	19.527	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	174300	19.571	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.463	75	13993	19.502	ug/l	97
82) 4-Chlorotoluene	12.945	91	156271	19.884	ug/l	94
83) tert-Butylbenzene	13.163	119	141720	19.339	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	176054	19.741	ug/l	94
85) sec-Butylbenzene	13.340	105	225324	19.586	ug/l	94
86) p-Isopropyltoluene	13.457	119	183103	19.521	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	102384	20.202	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	99804	19.689	ug/l	94
89) n-Butylbenzene	13.787	91	177350	19.592	ug/l	97
90) Hexachloroethane	14.051	117	41187	19.875	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	89497	20.247	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5601	20.166	ug/l	88
93) 1,2,4-Trichlorobenzene	15.092	180	48650	20.759	ug/l	94
94) Hexachlorobutadiene	15.198	225	27060	19.574	ug/l	96
95) Naphthalene	15.328	128	90013	19.655	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	41757	19.870	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Jul 26 12:23:49 2024
Response via : Initial Calibration

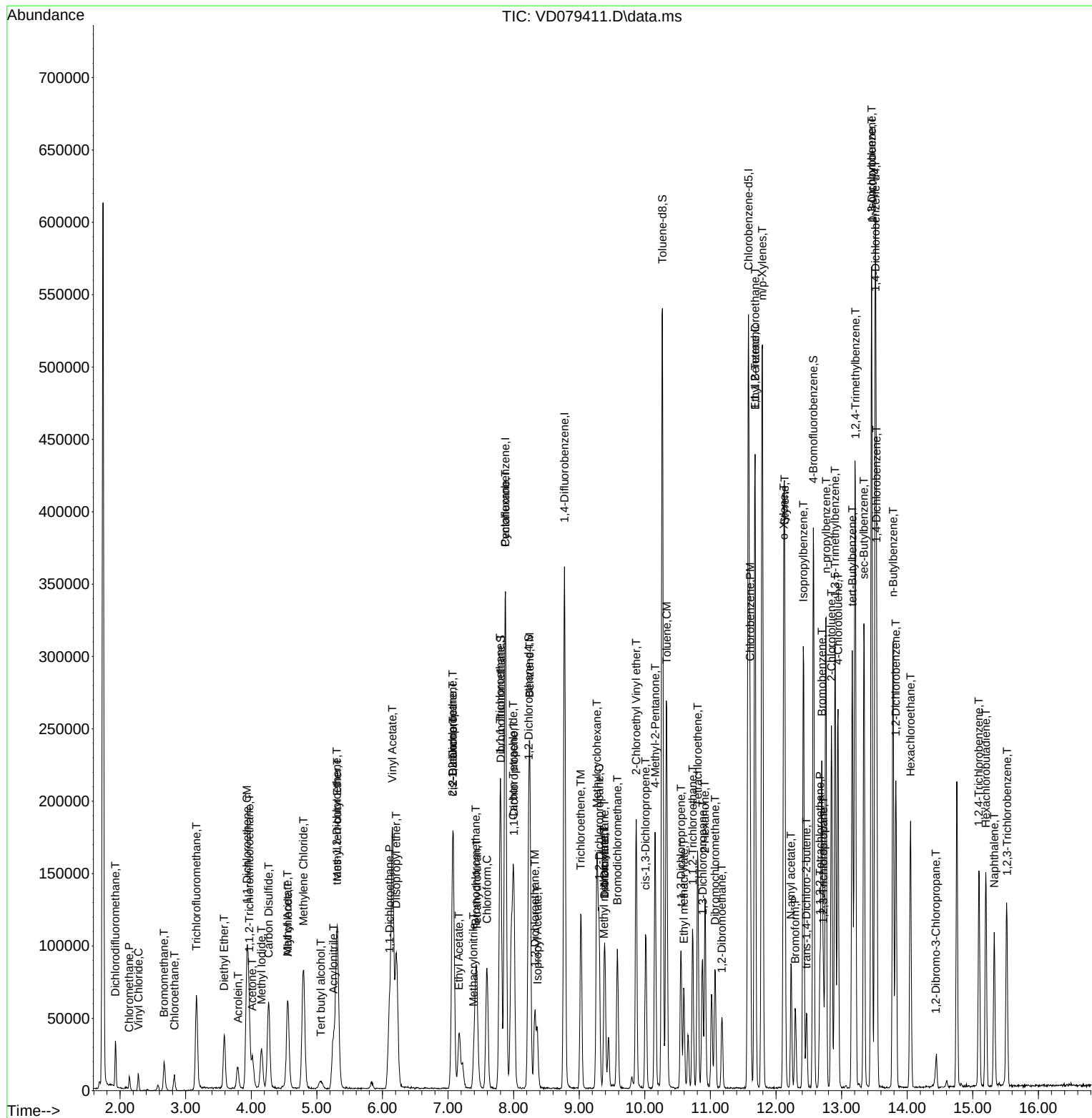
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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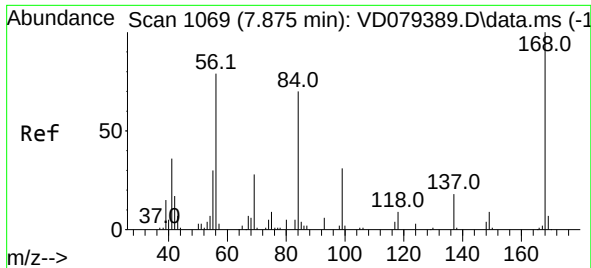
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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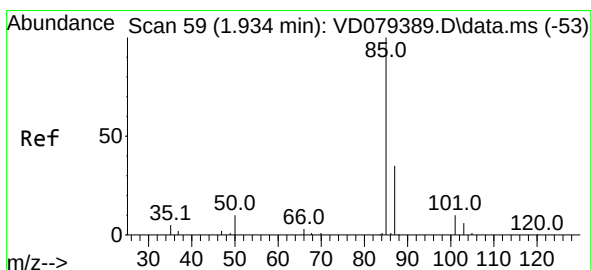
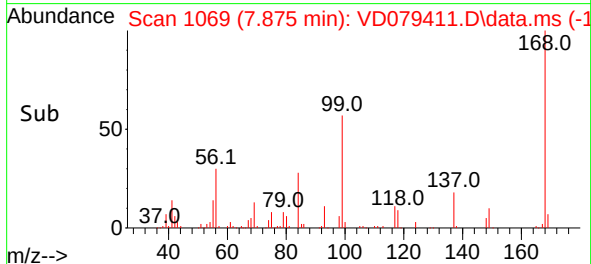
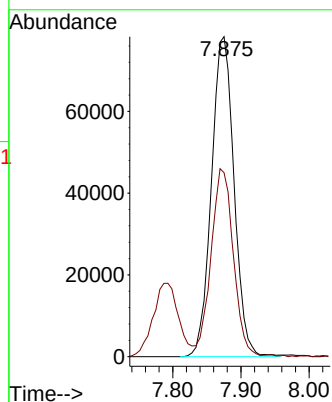
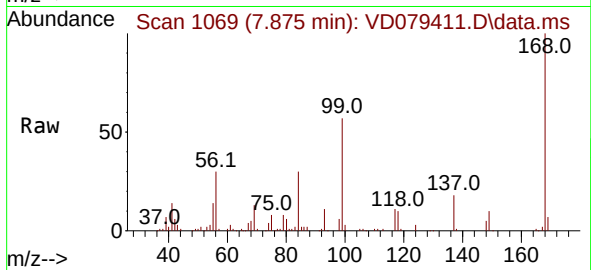




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079411.D
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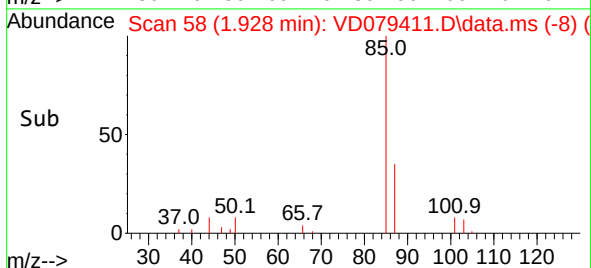
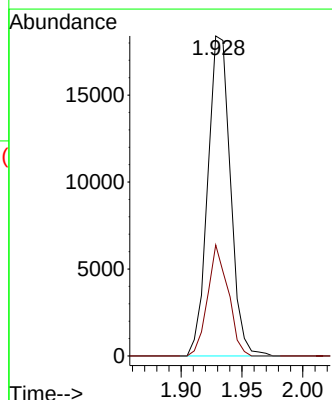
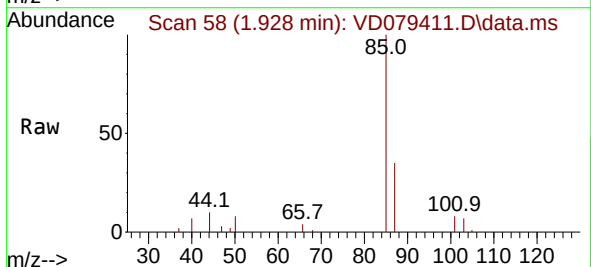
Instrument :
MSVOA_D
ClientSampleId :

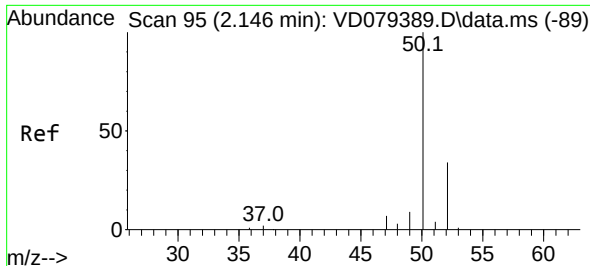
Tgt Ion:168 Resp: 180751
Ion Ratio Lower Upper
168 100
99 57.2 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 14.944 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 85 Resp: 23800
Ion Ratio Lower Upper
85 100
87 34.7 16.0 48.0

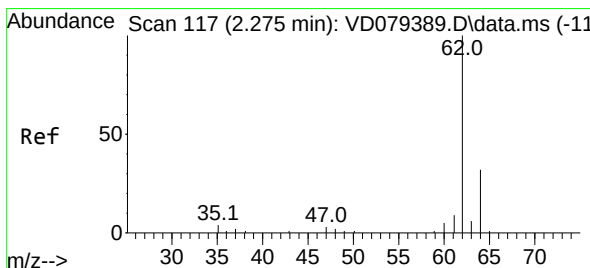
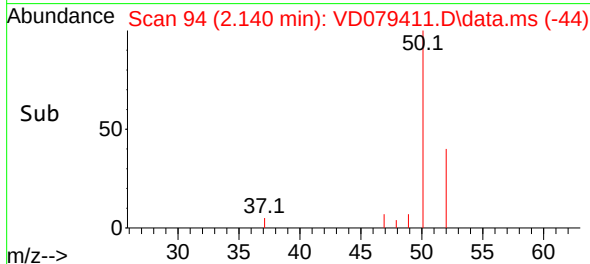
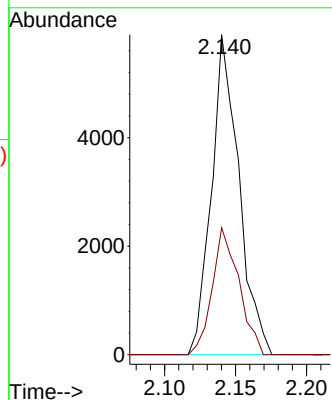
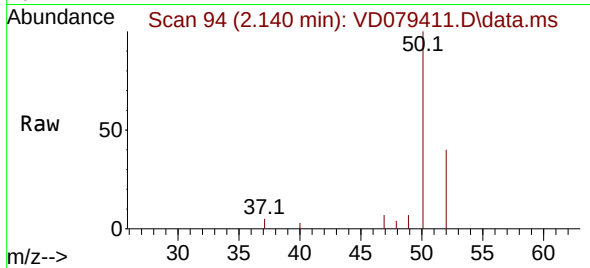




#3
Chloromethane
Concen: 9.613 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

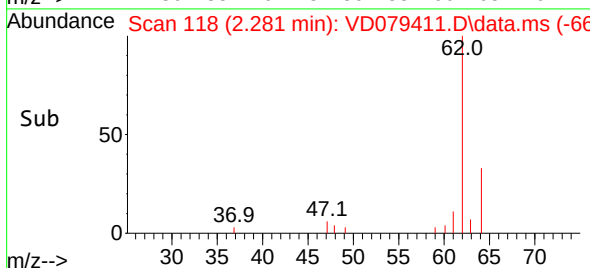
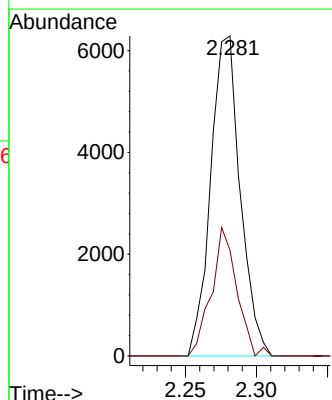
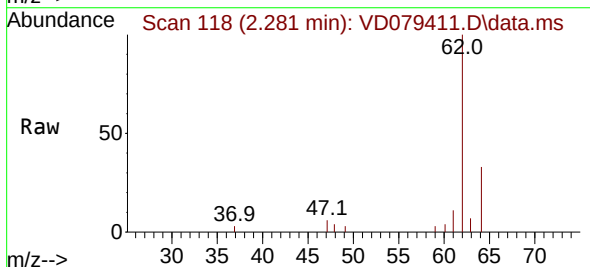
Instrument :
MSVOA_D
ClientSampleId :

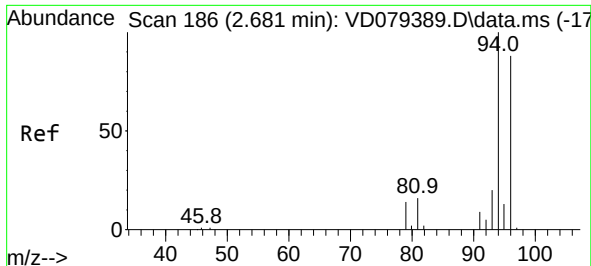
Tgt Ion: 50 Resp: 7911
Ion Ratio Lower Upper
50 100
52 39.7 28.2 42.2



#4
Vinyl Chloride
Concen: 14.409 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.005 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 62 Resp: 9100
Ion Ratio Lower Upper
62 100
64 33.0 26.3 39.5

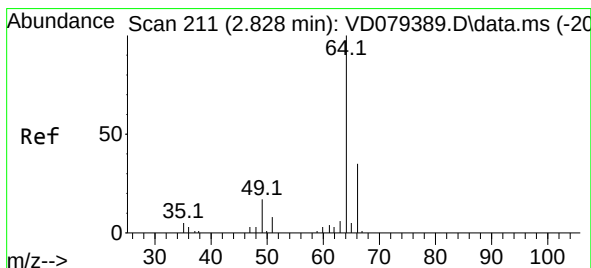
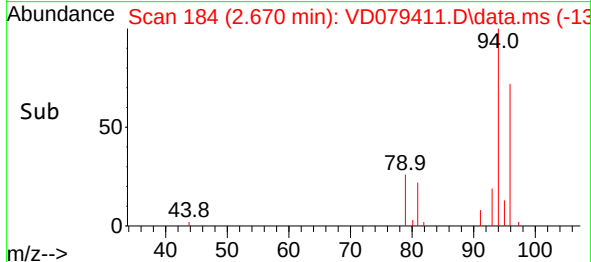
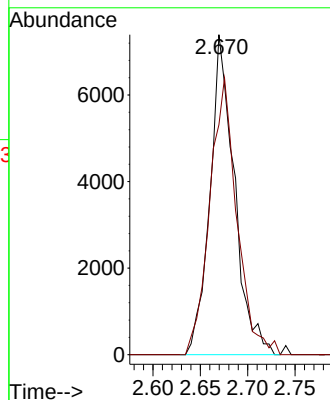
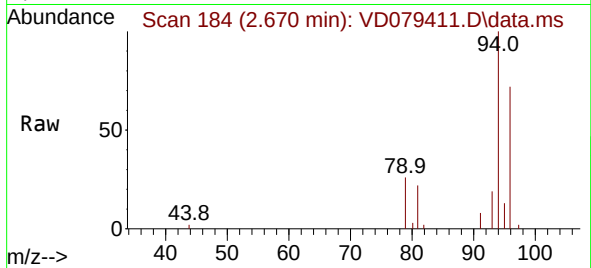




#5
Bromomethane
Concen: 19.956 ug/l
RT: 2.670 min Scan# 186
Delta R.T. -0.017 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

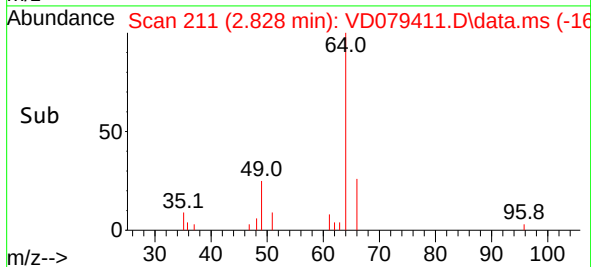
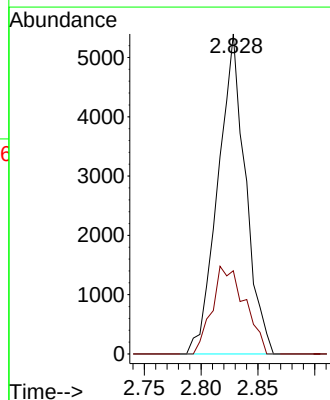
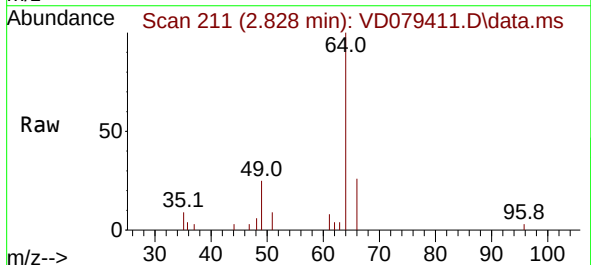
Instrument :
MSVOA_D
ClientSampleId :

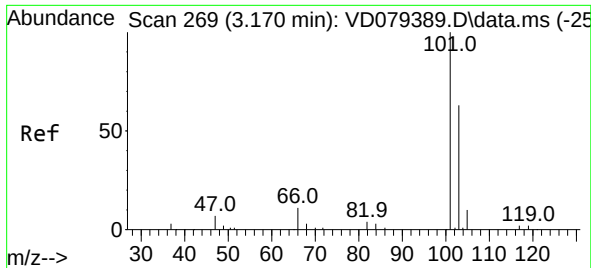
Tgt Ion: 94 Resp: 13232
Ion Ratio Lower Upper
94 100
96 96.4 76.9 115.3



#6
Chloroethane
Concen: 22.099 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 64 Resp: 9103
Ion Ratio Lower Upper
64 100
66 26.0 24.5 36.7

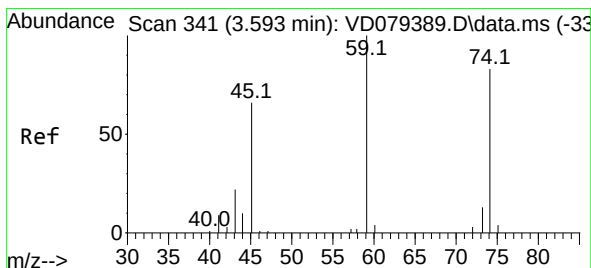
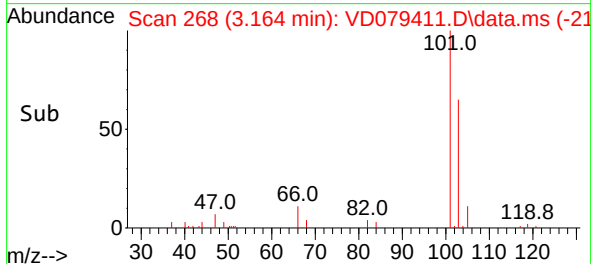
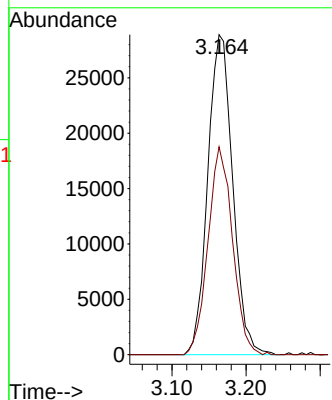
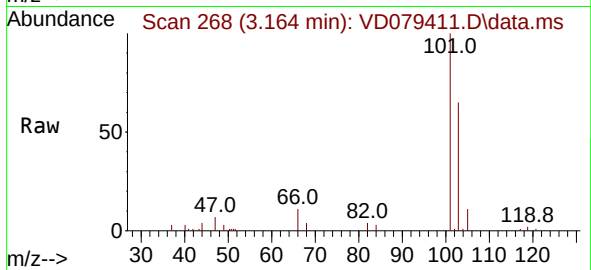




#7
Trichlorofluoromethane
Concen: 19.843 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

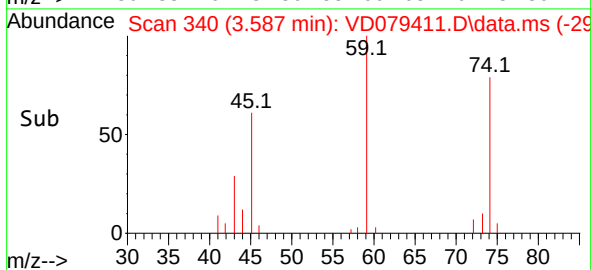
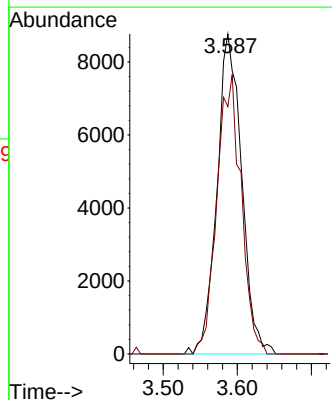
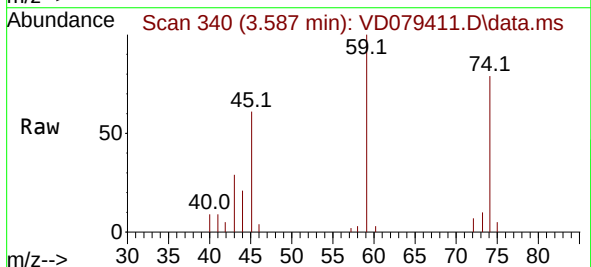
Instrument :
MSVOA_D
ClientSampleId :

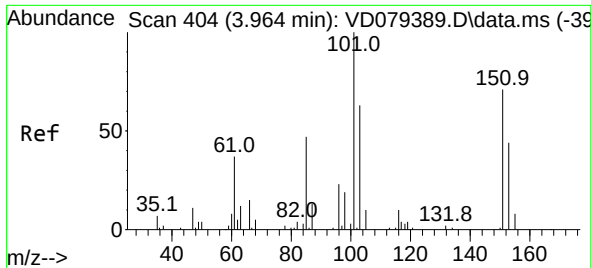
Tgt Ion:101 Resp: 67527
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8



#8
Diethyl Ether
Concen: 21.106 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 74 Resp: 20252
Ion Ratio Lower Upper
74 100
45 85.7 37.9 113.6

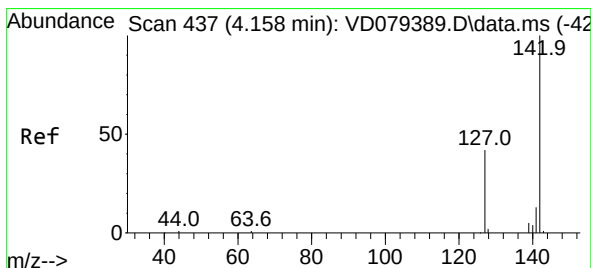
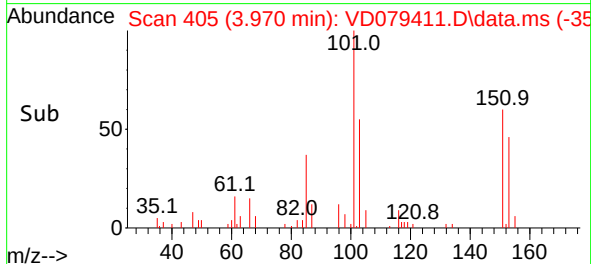
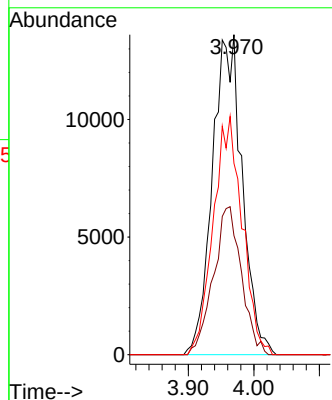
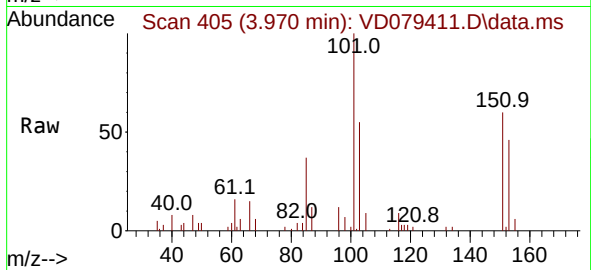




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.450 ug/l
RT: 3.970 min Scan# 404
Delta R.T. 0.011 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

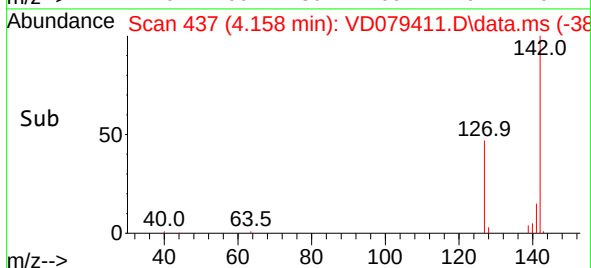
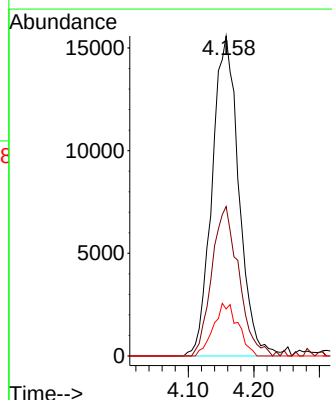
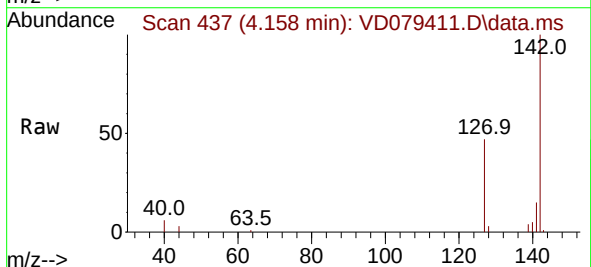
Instrument :
MSVOA_D
ClientSampleId :

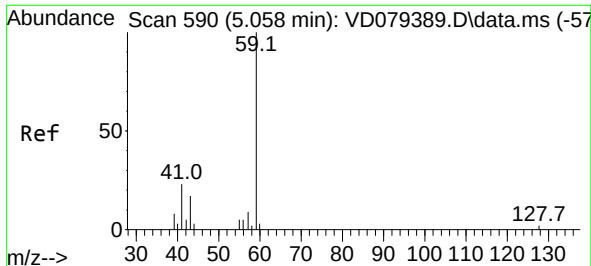
Tgt Ion:101 Resp: 42734
Ion Ratio Lower Upper
101 100
85 43.7 33.5 50.3
151 72.4 60.3 90.5



#10
Methyl Iodide
Concen: 16.830 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion:142 Resp: 44127
Ion Ratio Lower Upper
142 100
127 47.0 34.2 51.4
141 15.2 11.7 17.5

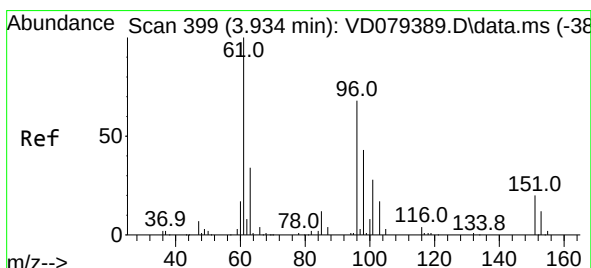
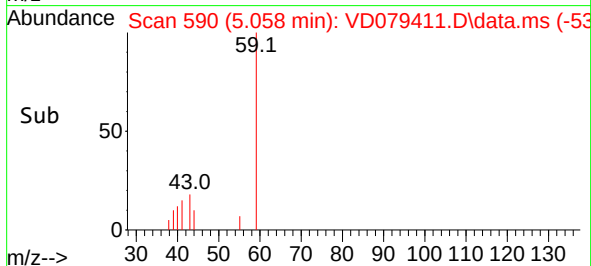
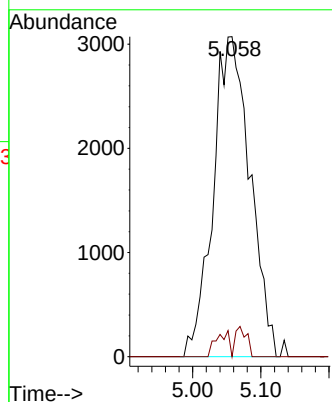
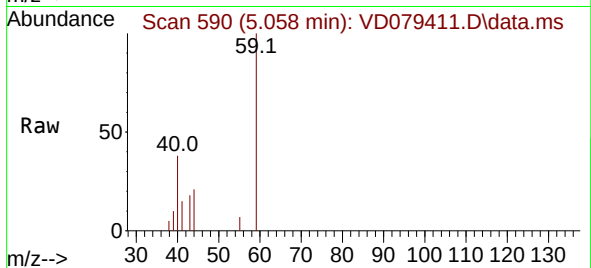




#11
Tert butyl alcohol
Concen: 111.875 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

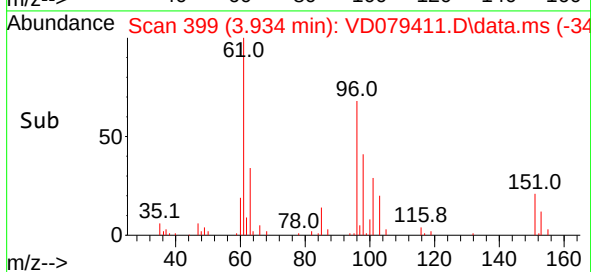
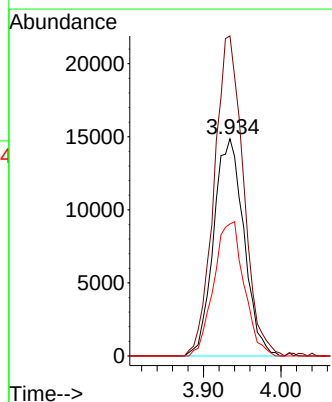
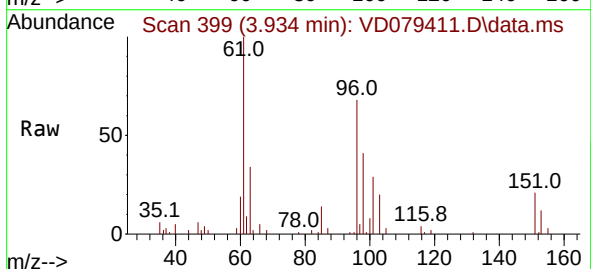
Instrument :
MSVOA_D
ClientSampleId :

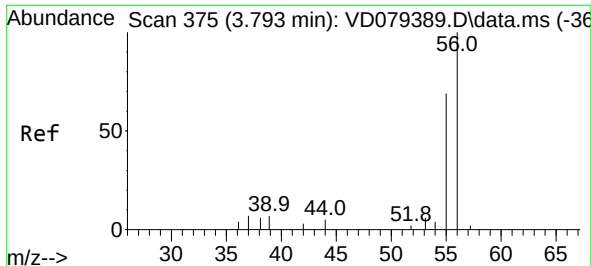
Tgt Ion: 59 Resp: 11579
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 18.862 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 96 Resp: 40292
Ion Ratio Lower Upper
96 100
61 147.4 107.3 160.9
98 60.8 51.7 77.5





#13

Acrolein

Concen: 109.678 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

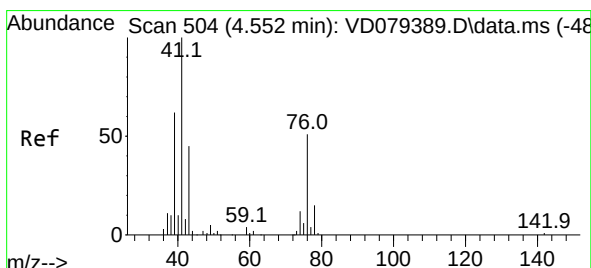
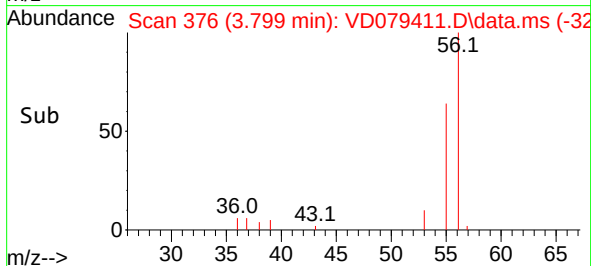
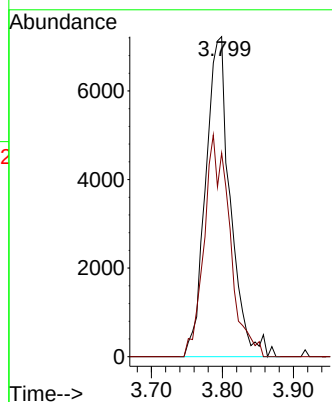
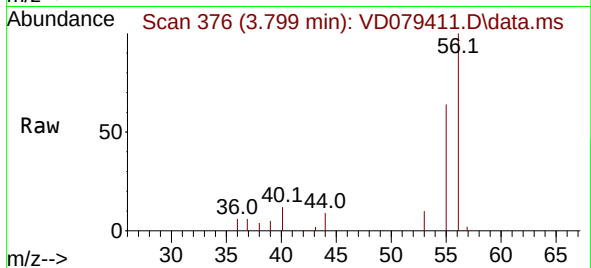
ClientSampleId :

Tgt Ion: 56 Resp: 17464

Ion Ratio Lower Upper

56 100

55 71.8 55.3 82.9



#14

Allyl chloride

Concen: 21.624 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

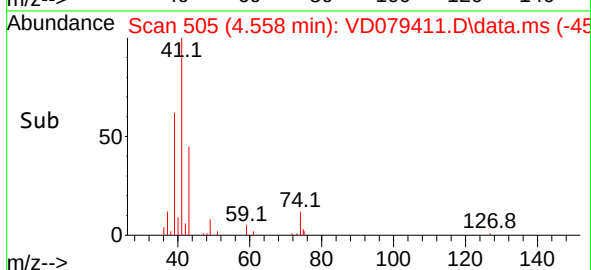
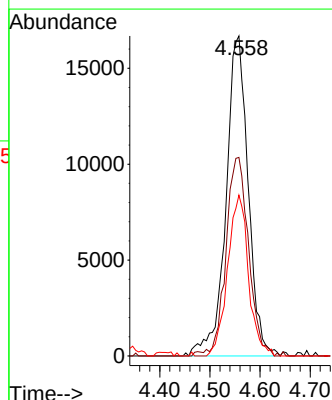
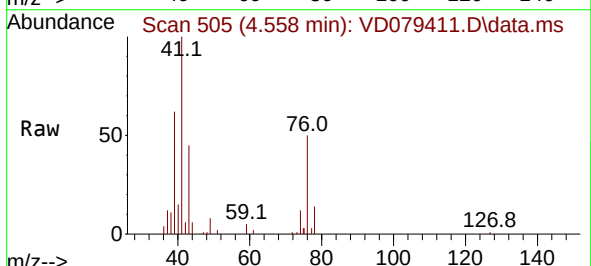
Tgt Ion: 41 Resp: 51436

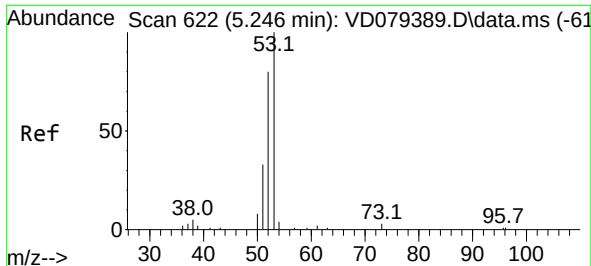
Ion Ratio Lower Upper

41 100

39 63.2 58.0 87.0

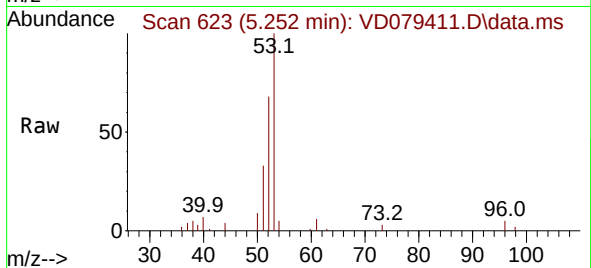
76 47.1 45.9 68.9



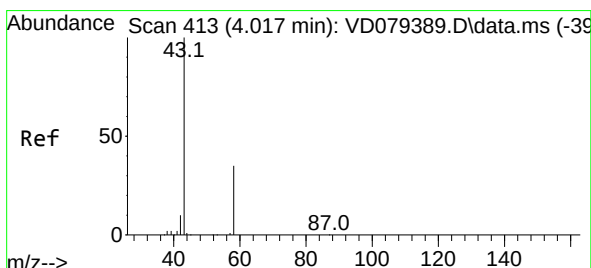
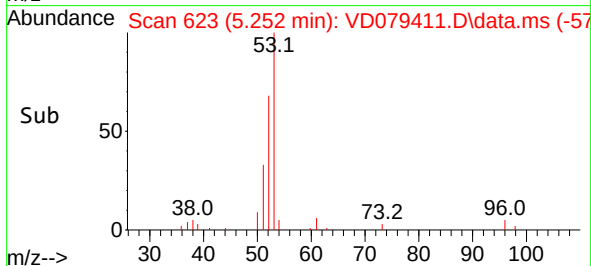
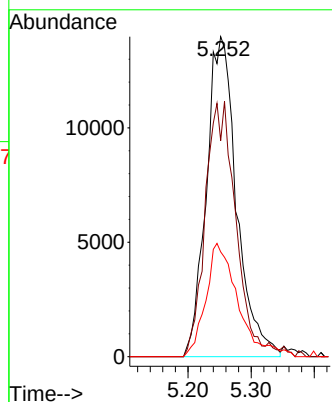


#15
Acrylonitrile
Concen: 107.893 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

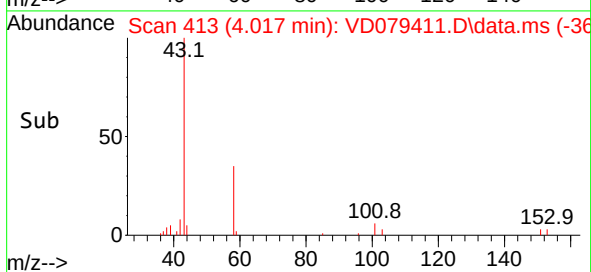
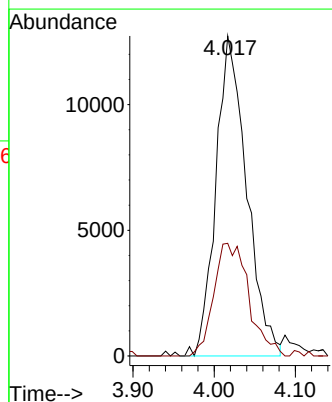
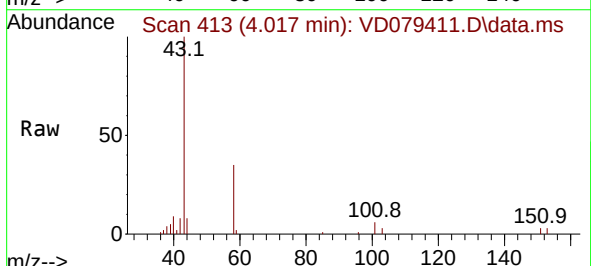


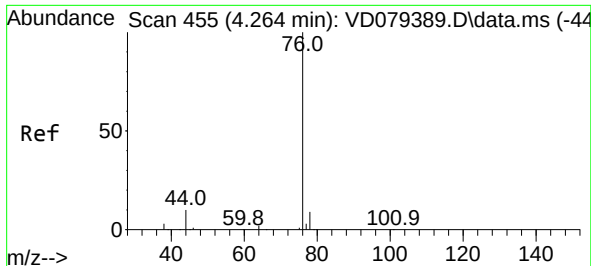
Tgt Ion: 53 Resp: 46599
Ion Ratio Lower Upper
53 100
52 81.1 67.7 101.5
51 37.7 28.6 42.8



#16
Acetone
Concen: 105.727 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 43 Resp: 33472
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

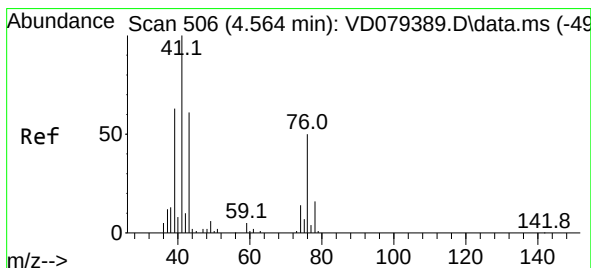
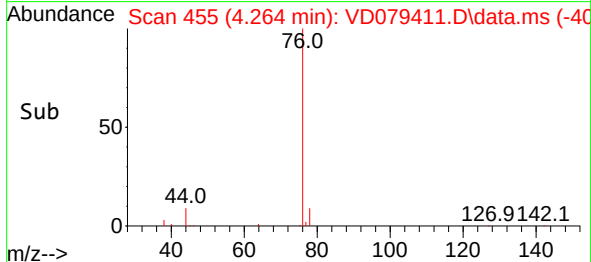
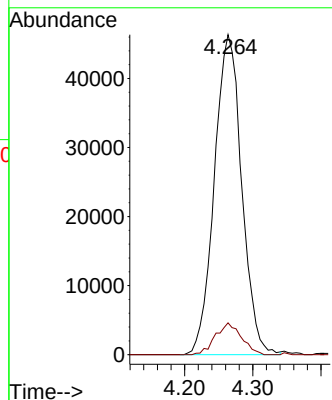
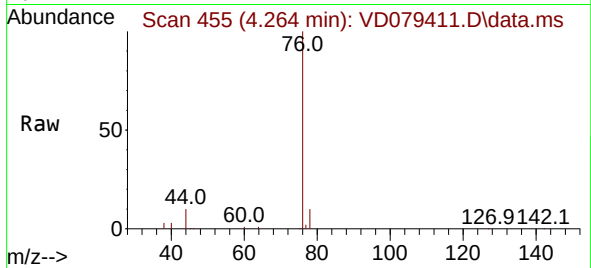




#17
Carbon Disulfide
Concen: 18.175 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

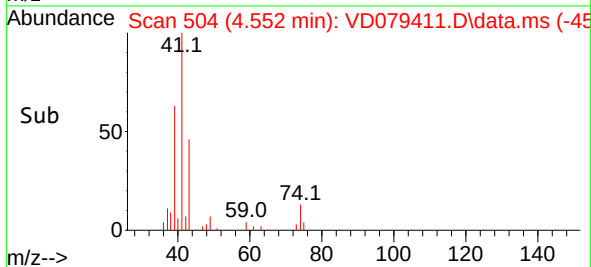
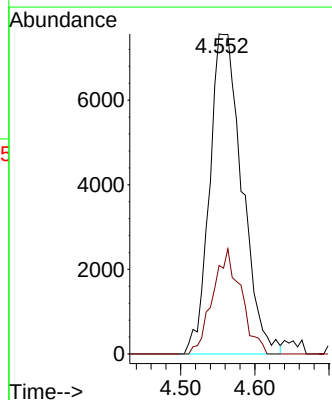
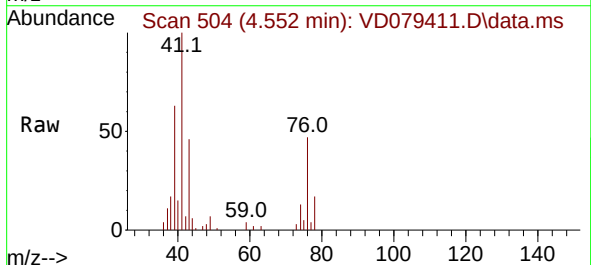
Instrument :
MSVOA_D
ClientSampleId :

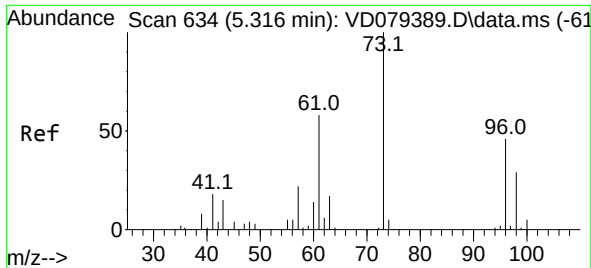
Tgt Ion: 76 Resp: 129375
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3



#18
Methyl Acetate
Concen: 22.464 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 43 Resp: 23011
Ion Ratio Lower Upper
43 100
74 28.7 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 20.193 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

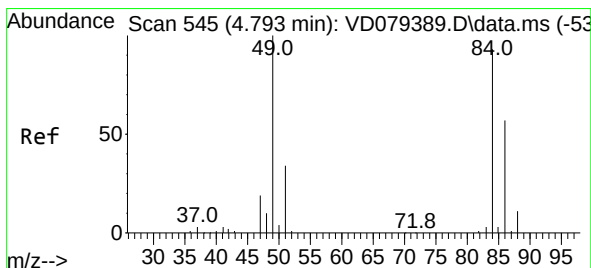
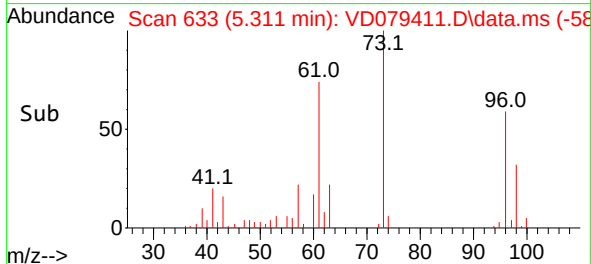
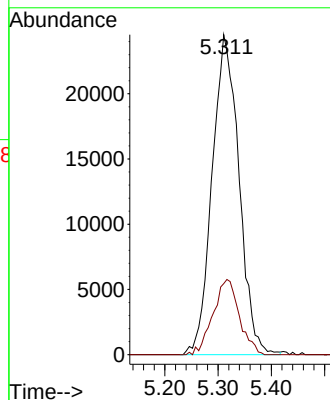
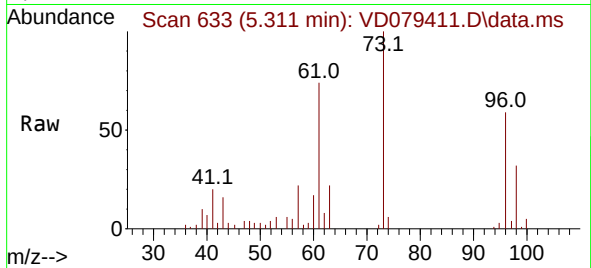
ClientSampleId :

Tgt Ion: 73 Resp: 85868

Ion Ratio Lower Upper

73 100

57 22.2 18.3 27.5



#20

Methylene Chloride

Concen: 18.363 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Tgt Ion: 84 Resp: 67927

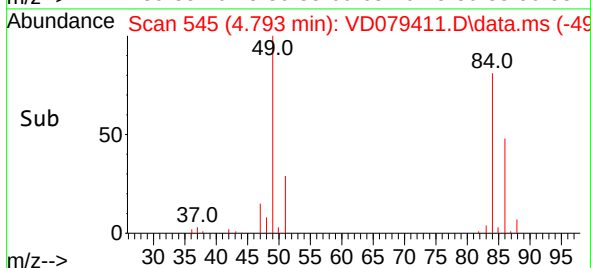
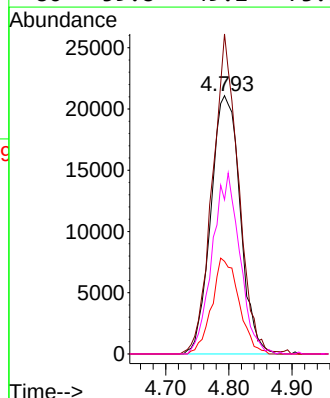
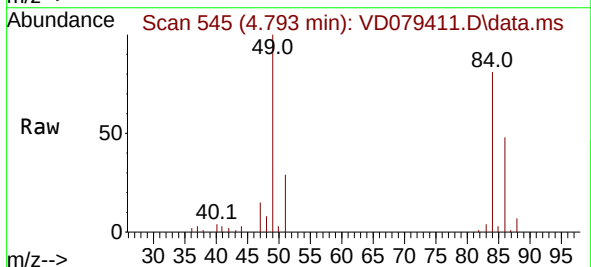
Ion Ratio Lower Upper

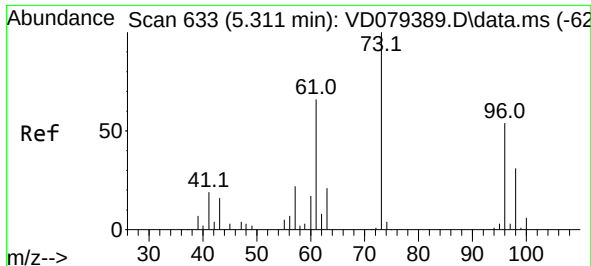
84 100

49 123.9 75.6 113.4#

51 35.9 24.2 36.2

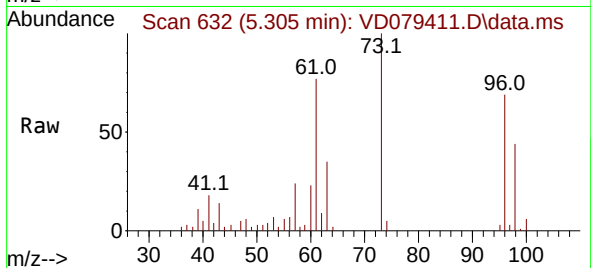
86 59.8 49.2 73.8



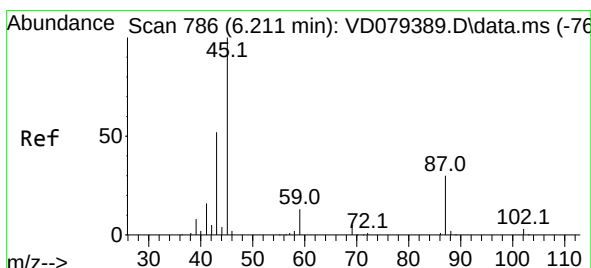
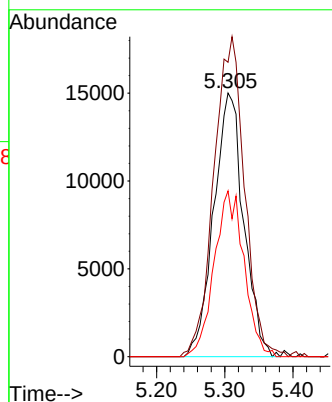
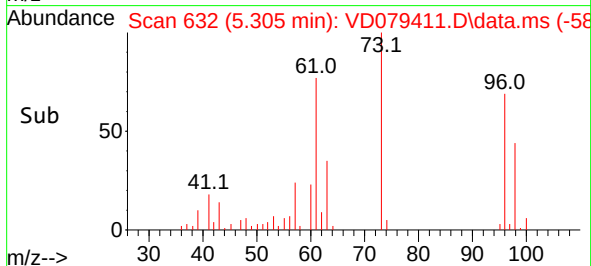


#21
trans-1,2-Dichloroethene
Concen: 19.008 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

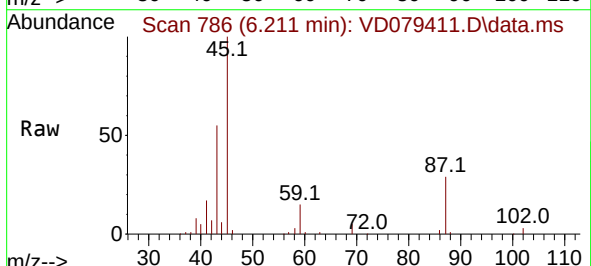
Instrument :
MSVOA_D
ClientSampleId :



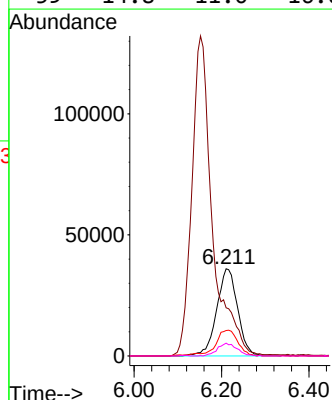
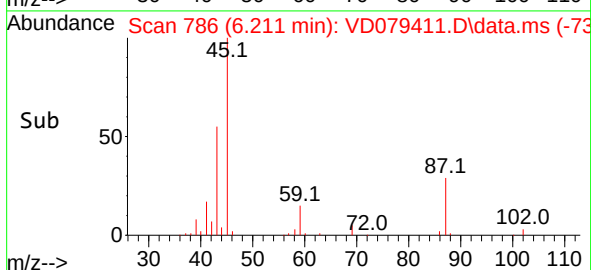
Tgt Ion: 96 Resp: 45870
Ion Ratio Lower Upper
96 100
61 111.7 84.5 126.7
98 62.9 50.5 75.7

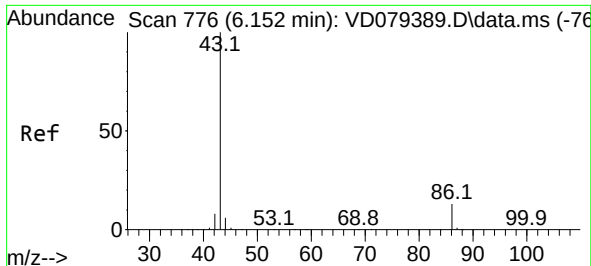


#22
Diisopropyl ether
Concen: 21.800 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47



Tgt Ion: 45 Resp: 119926
Ion Ratio Lower Upper
45 100
43 54.0 41.7 62.5
87 29.3 30.2 45.2#
59 14.8 11.0 16.6

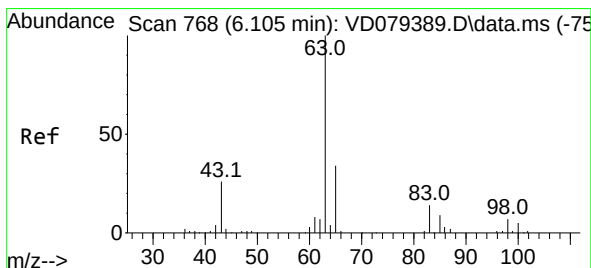
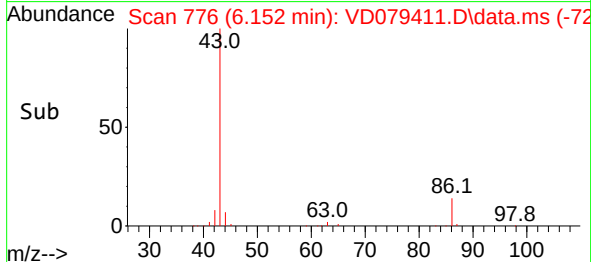
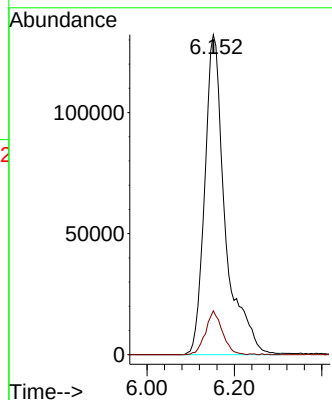
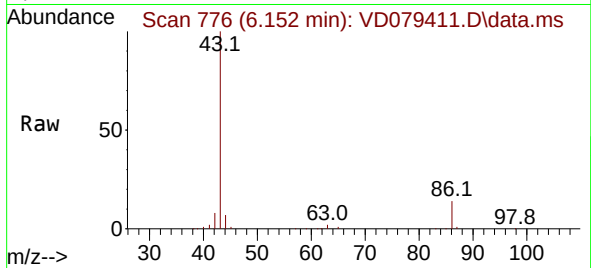




#23
 Vinyl Acetate
 Concen: 104.708 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079411.D
 Acq: 26 Jul 2024 16:47

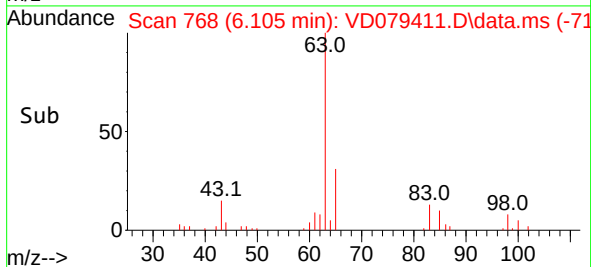
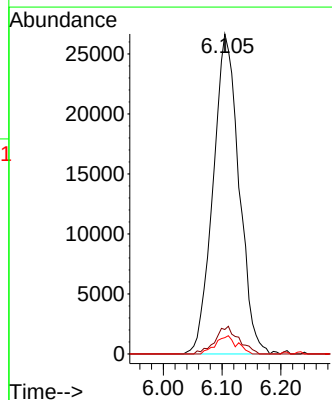
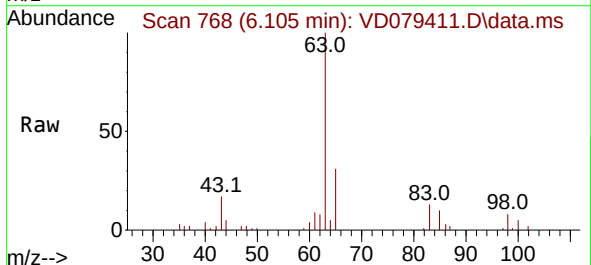
Instrument :
 MSVOA_D
 ClientSampleId :

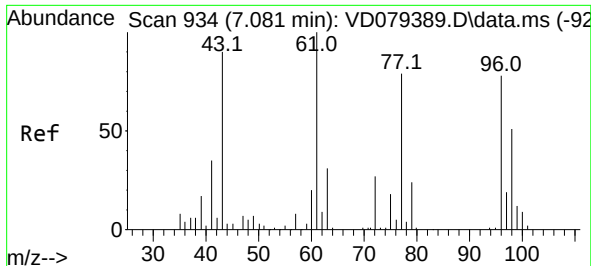
Tgt Ion: 43 Resp: 431239
 Ion Ratio Lower Upper
 43 100
 86 13.7 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 20.677 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD079411.D
 Acq: 26 Jul 2024 16:47

Tgt Ion: 63 Resp: 81860
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.7 14.0
 100 5.1 2.9 8.6

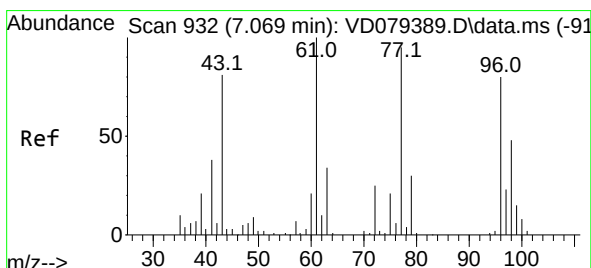
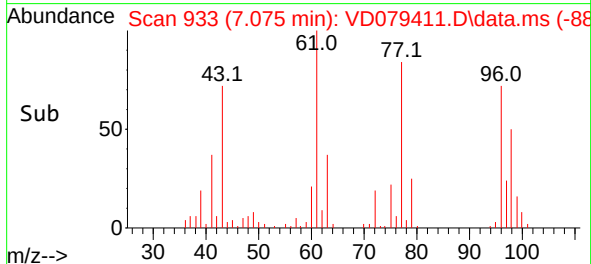
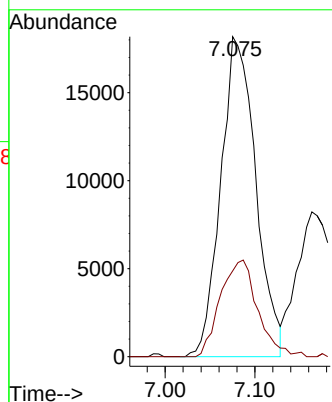
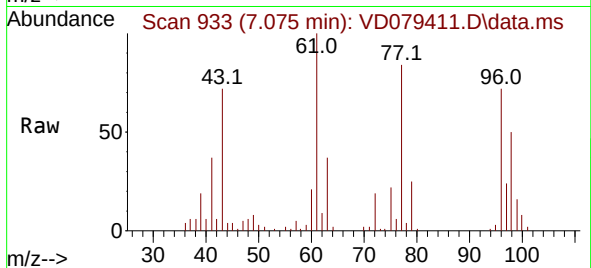




#25
2-Butanone
Concen: 101.442 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

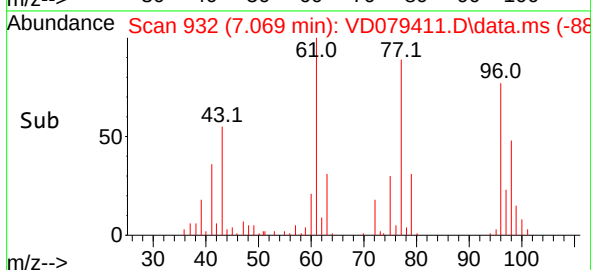
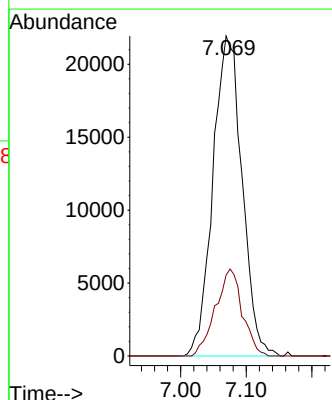
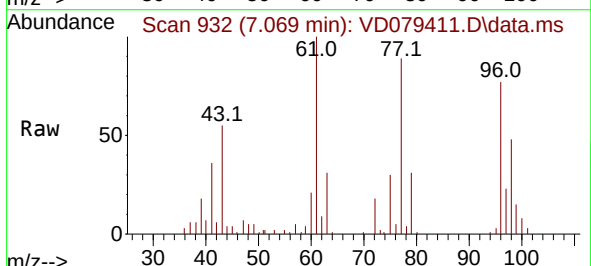
Instrument :
MSVOA_D
ClientSampleId :

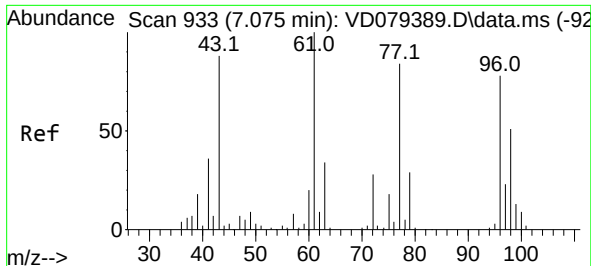
Tgt Ion: 43 Resp: 49285
Ion Ratio Lower Upper
43 100
72 26.8 26.4 39.6



#26
2,2-Dichloropropane
Concen: 19.876 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 77 Resp: 67631
Ion Ratio Lower Upper
77 100
97 25.0 12.4 37.2

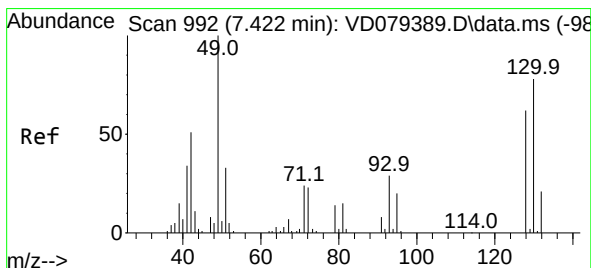
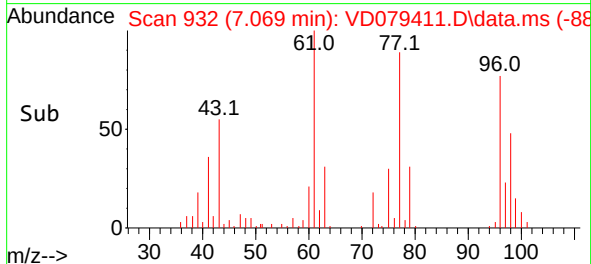
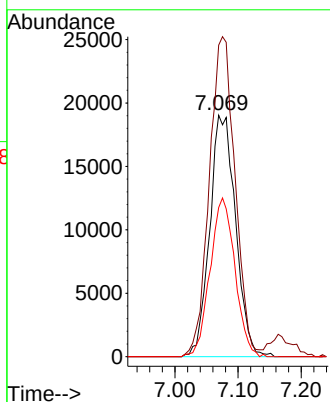
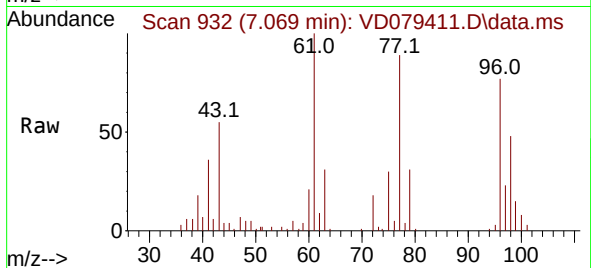




#27
 cis-1,2-Dichloroethene
 Concen: 19.440 ug/l
 RT: 7.069 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD079411.D
 Acq: 26 Jul 2024 16:47

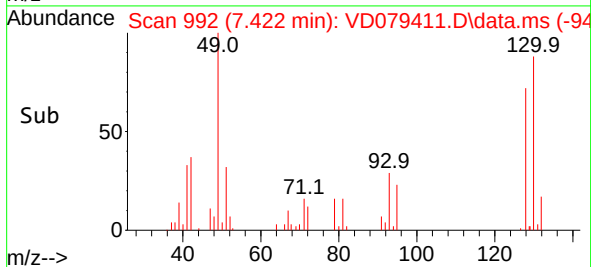
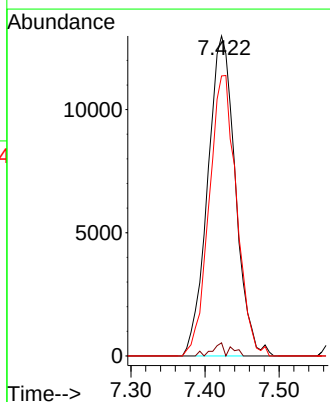
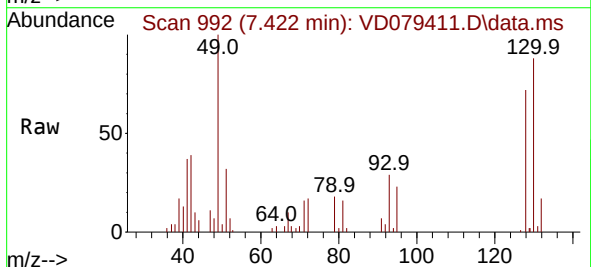
Instrument :
 MSVOA_D
 ClientSampleId :

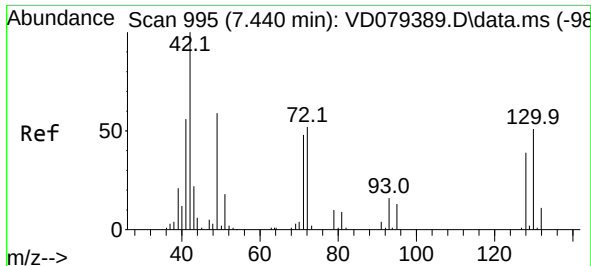
Tgt Ion: 96 Resp: 54113
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 229.0
 98 63.2 0.0 127.2



#28
 Bromochloromethane
 Concen: 20.279 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD079411.D
 Acq: 26 Jul 2024 16:47

Tgt Ion: 49 Resp: 33744
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 7.0
 130 86.8 87.7 131.5#





#29

Tetrahydrofuran

Concen: 102.496 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.006 min

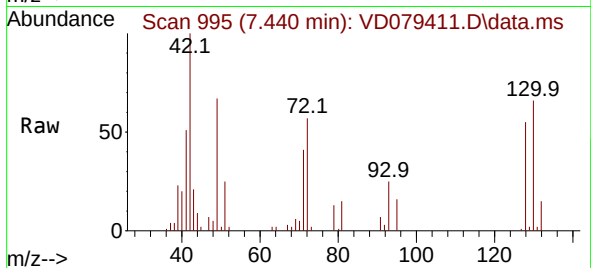
Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :



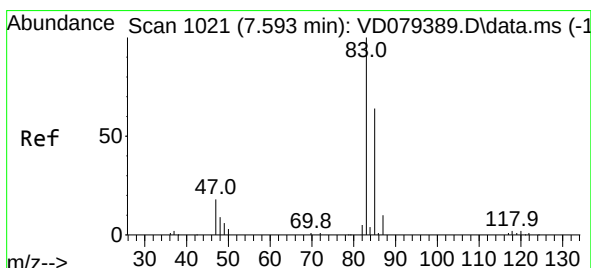
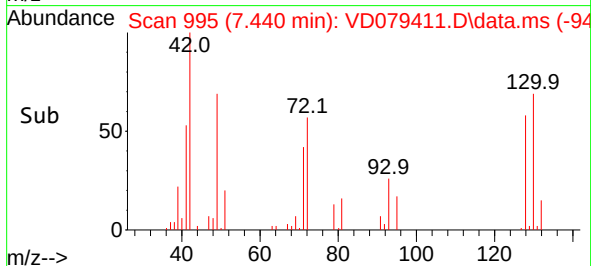
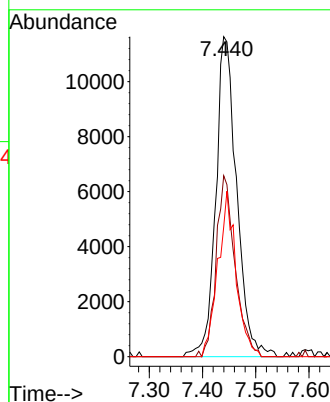
Tgt Ion: 42 Resp: 31779

Ion Ratio Lower Upper

42 100

72 51.0 49.4 74.0

71 44.9 45.0 67.6#



#30

Chloroform

Concen: 19.382 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079411.D

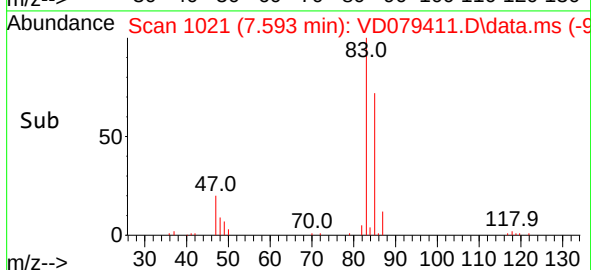
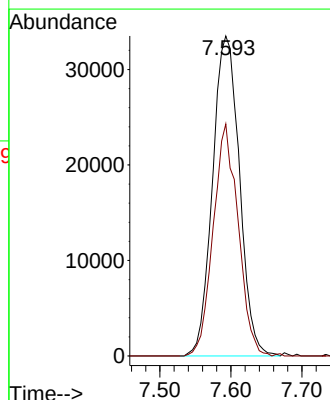
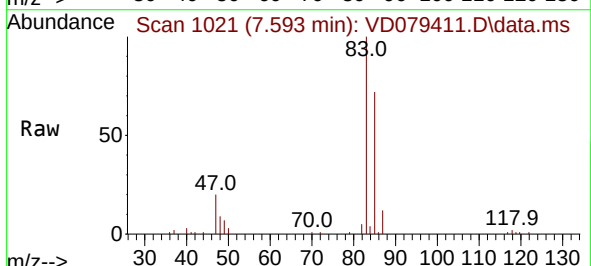
Acq: 26 Jul 2024 16:47

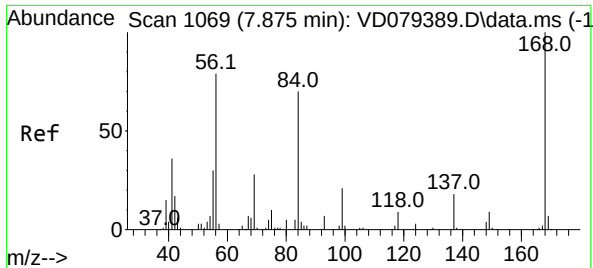
Tgt Ion: 83 Resp: 88020

Ion Ratio Lower Upper

83 100

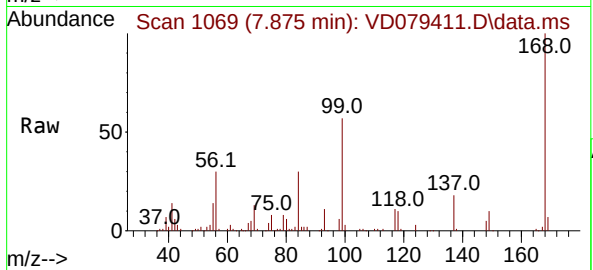
85 72.5 51.8 77.6



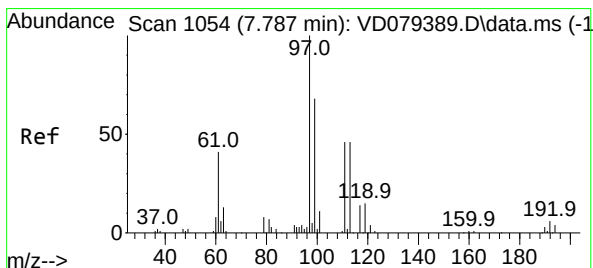
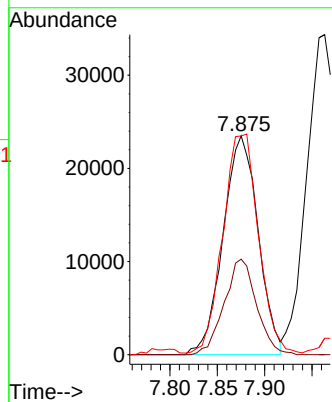
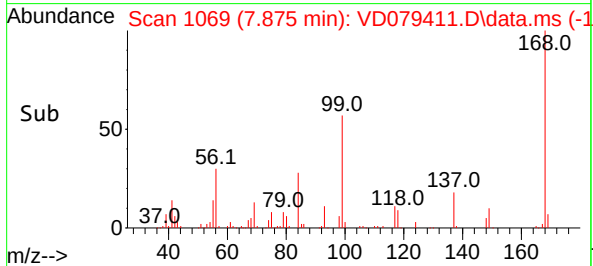


#31
Cyclohexane
Concen: 17.648 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

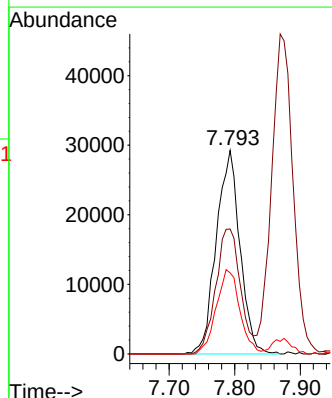
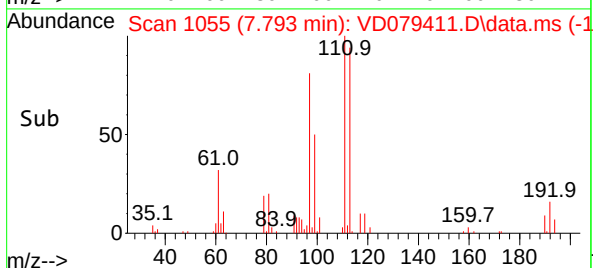
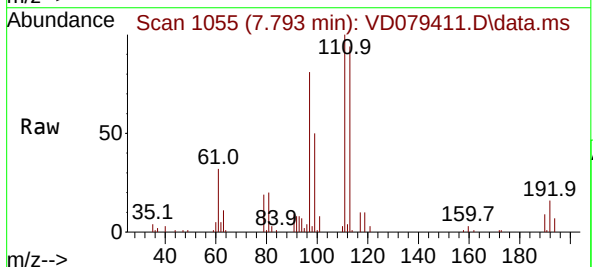


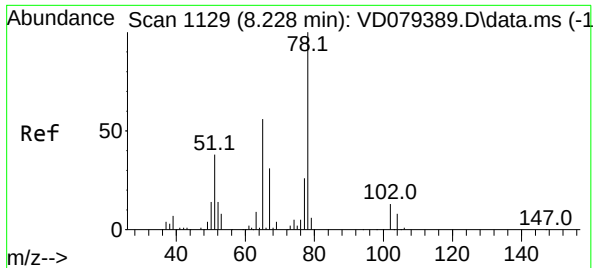
Tgt Ion: 56 Resp: 60415
Ion Ratio Lower Upper
56 100
69 43.7 28.0 42.0#
84 99.1 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 19.209 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 97 Resp: 73349
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 41.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 55.545 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

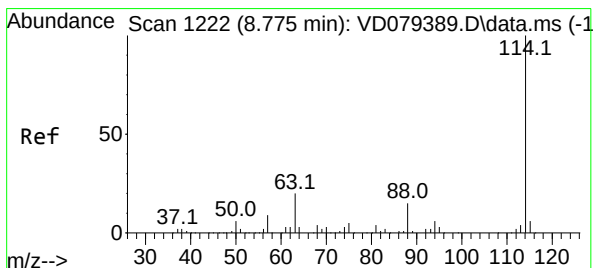
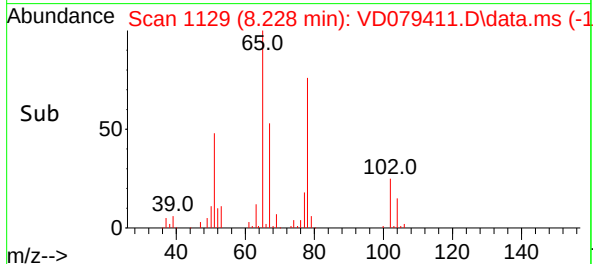
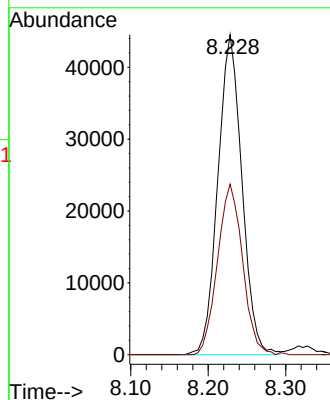
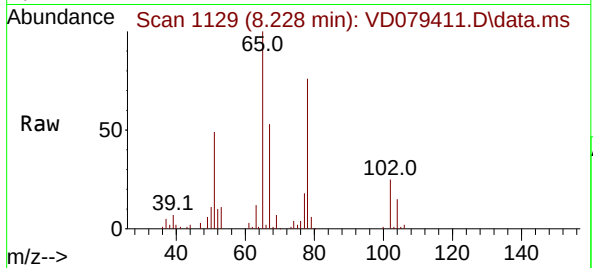
ClientSampleId :

Tgt Ion: 65 Resp: 96201

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

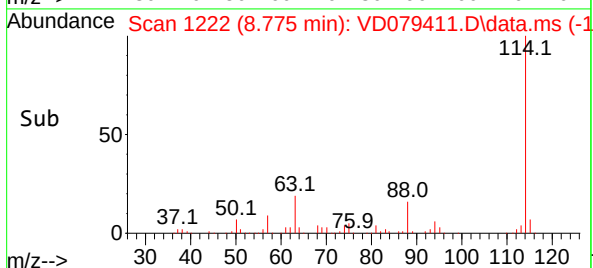
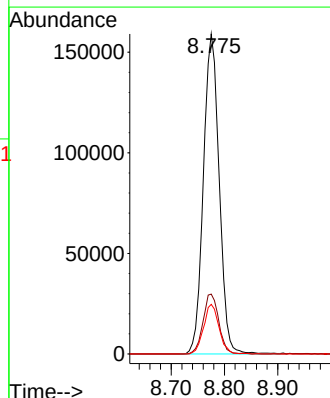
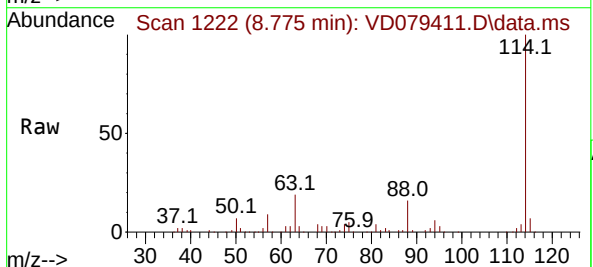
Tgt Ion: 114 Resp: 327912

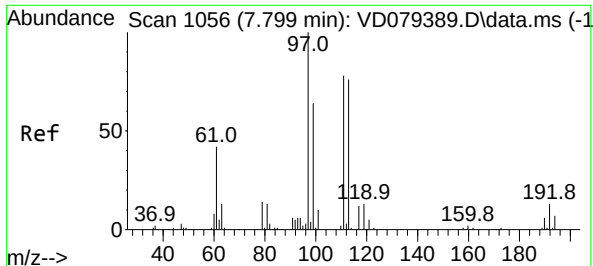
Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

88 15.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.720 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

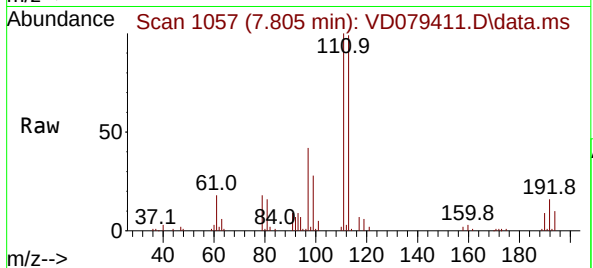
Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :



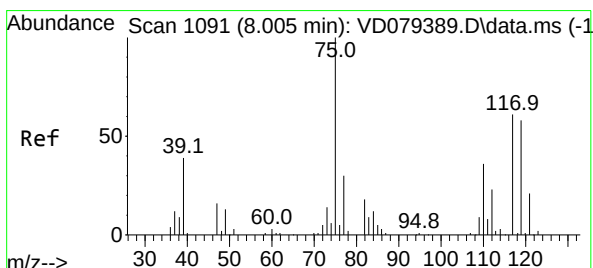
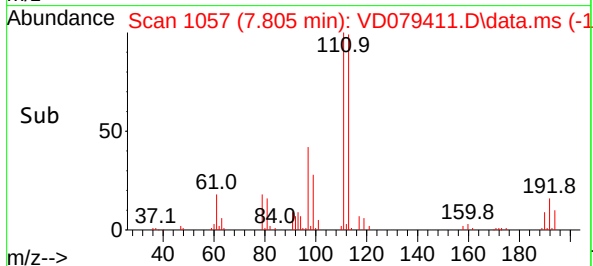
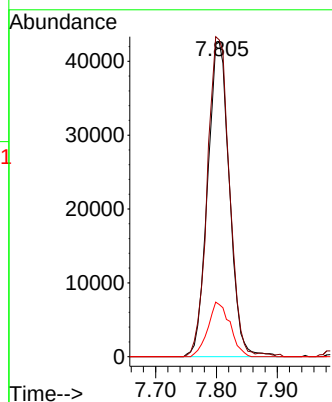
Tgt Ion:113 Resp: 105819

Ion Ratio Lower Upper

113 100

111 103.2 84.0 126.0

192 17.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 18.442 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

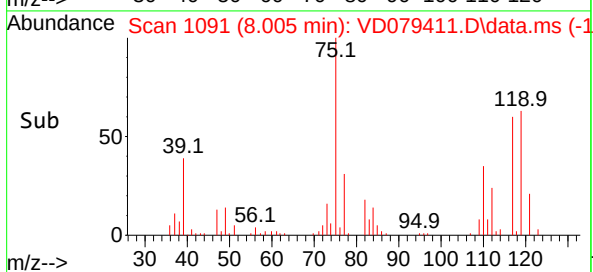
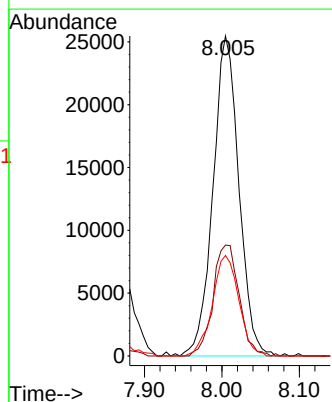
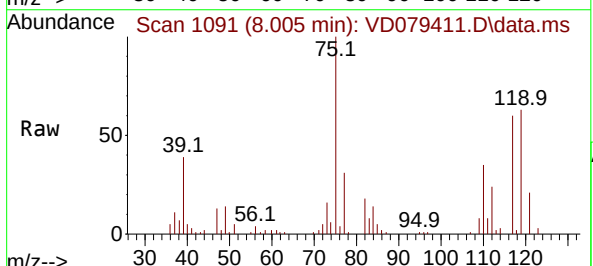
Tgt Ion: 75 Resp: 59029

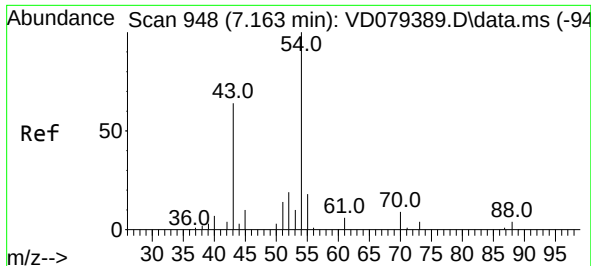
Ion Ratio Lower Upper

75 100

110 35.1 19.6 58.7

77 32.2 26.1 39.1





#37

Ethyl Acetate

Concen: 19.962 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.006 min

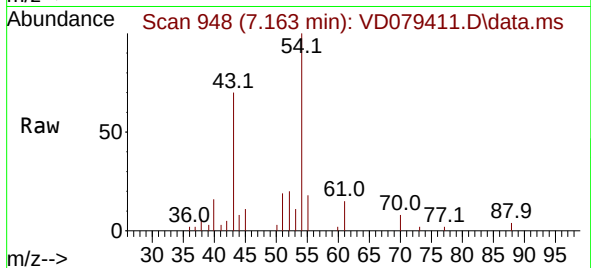
Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

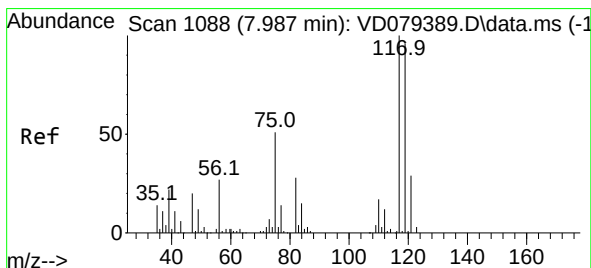
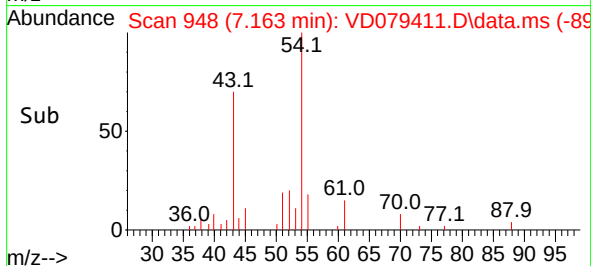
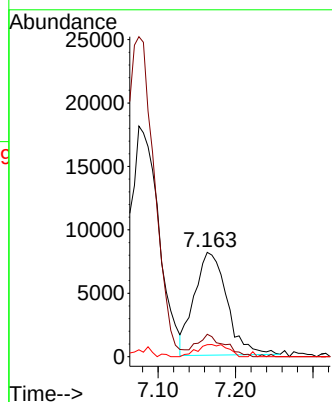
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 23716
Ion Ratio	Lower Upper
43	100
61	17.7 13.9 20.9
70	11.1 9.8 14.6



#38

Carbon Tetrachloride

Concen: 17.923 ug/l

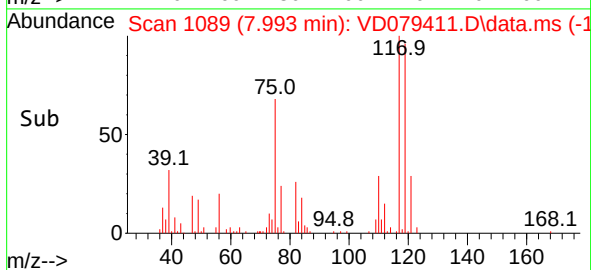
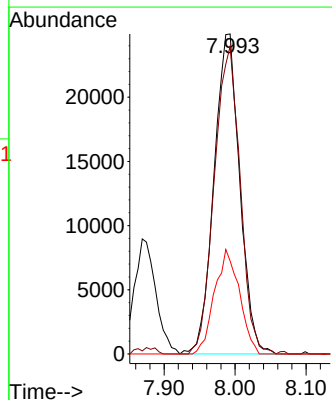
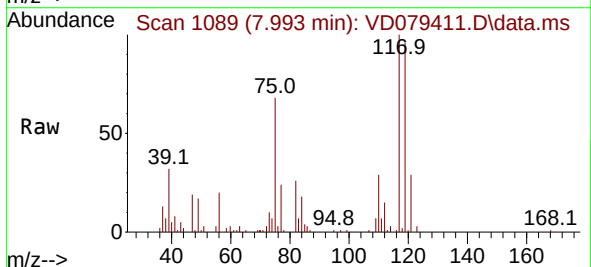
RT: 7.993 min Scan# 1089

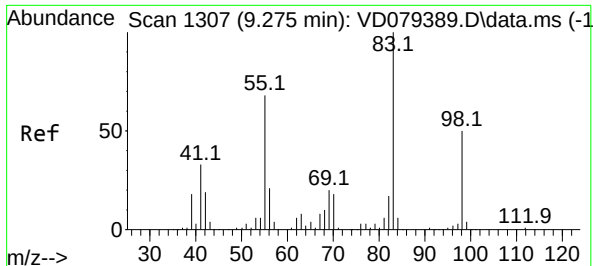
Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Tgt Ion: 117	Resp: 62673
Ion Ratio	Lower Upper
117	100
119	96.1 75.4 113.0
121	29.1 25.0 37.4





#39

Methylcyclohexane

Concen: 17.930 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

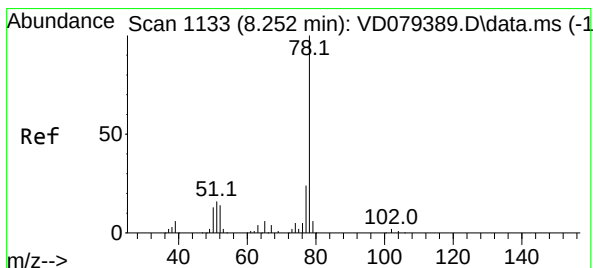
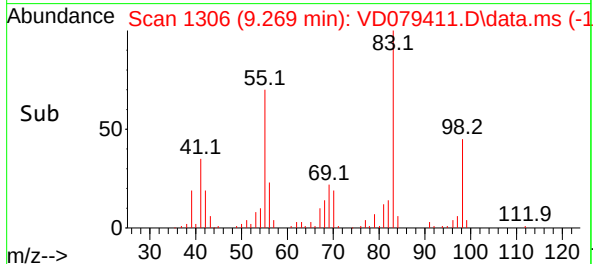
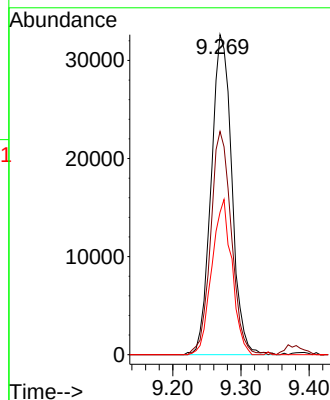
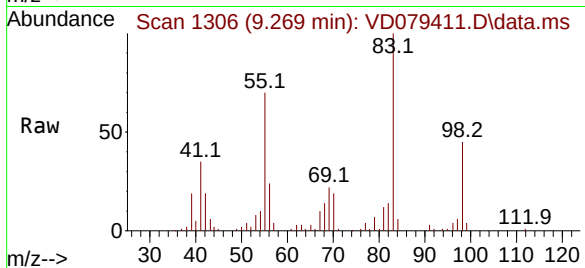
Tgt Ion: 83 Resp: 68762

Ion Ratio Lower Upper

83 100

55 69.8 50.1 75.1

98 44.5 41.9 62.9



#40

Benzene

Concen: 19.203 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079411.D

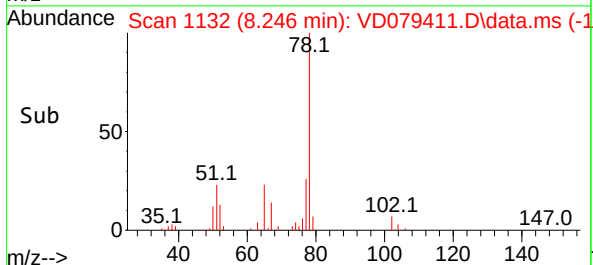
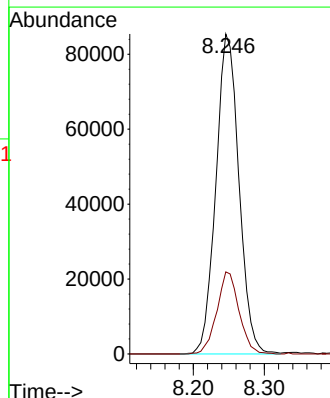
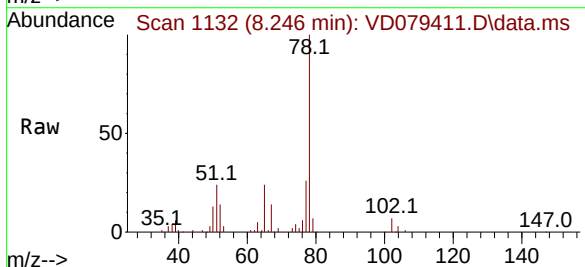
Acq: 26 Jul 2024 16:47

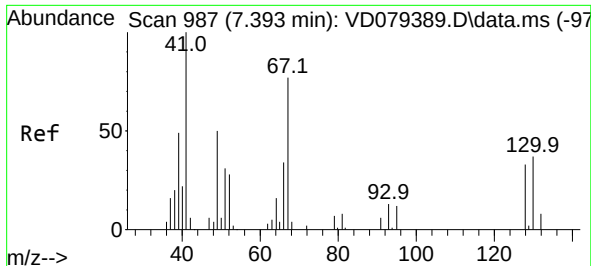
Tgt Ion: 78 Resp: 191944

Ion Ratio Lower Upper

78 100

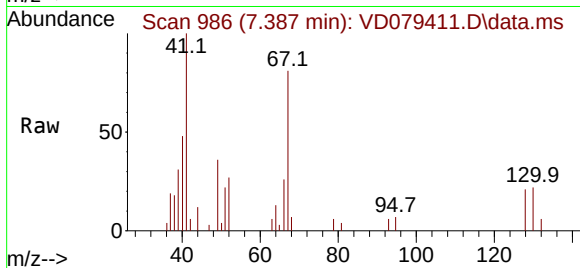
77 25.7 18.1 27.1



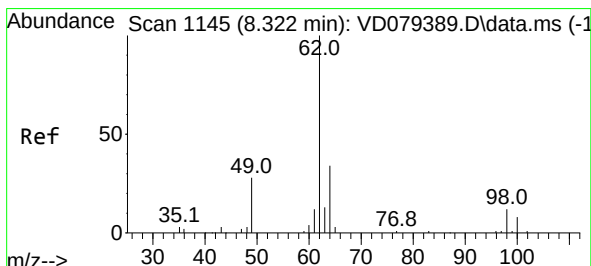
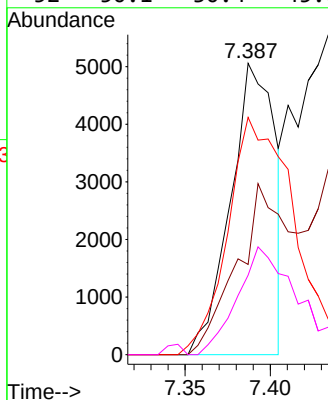
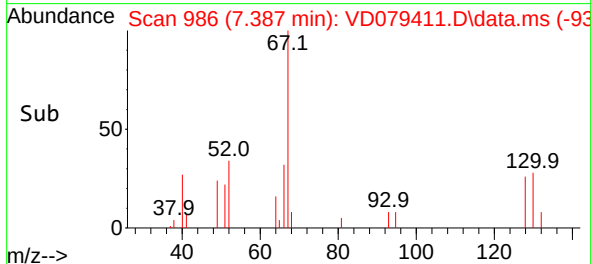


#41
Methacrylonitrile
Concen: 15.405 ug/l
RT: 7.387 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :

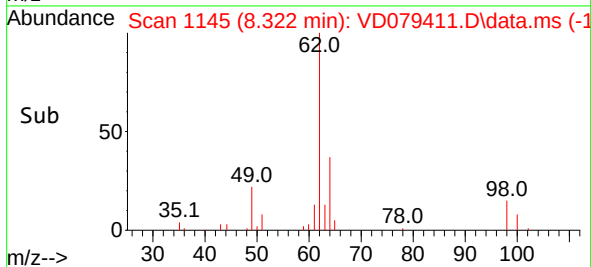
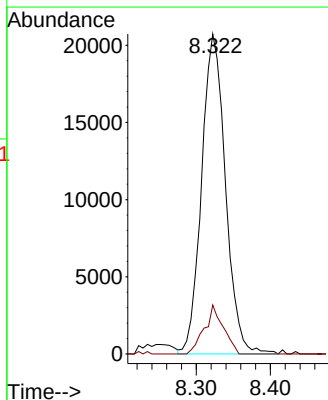
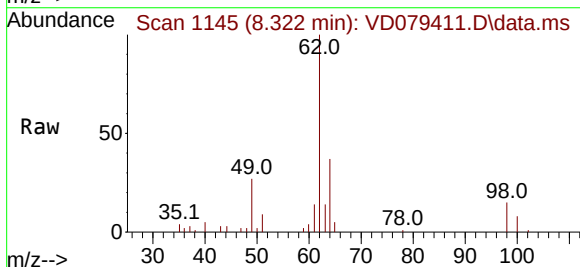


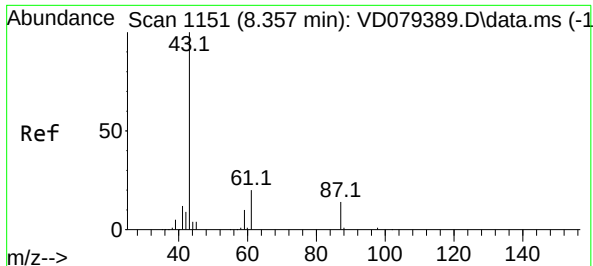
Tgt Ion:	41	Resp:	9221
Ion	Ratio	Lower	Upper
41	100		
39	69.7	41.4	62.0#
67	123.0	85.8	128.6
52	50.1	30.4	45.6#



#42
1,2-Dichloroethane
Concen: 18.984 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion:	62	Resp:	46444
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	25.8

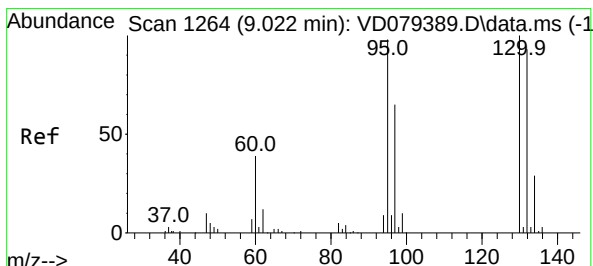
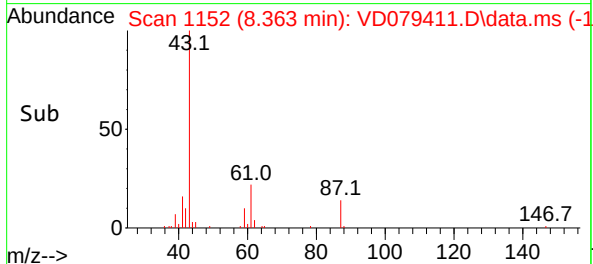
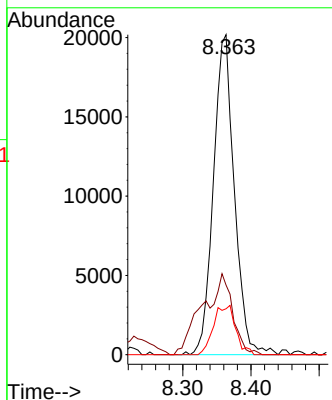
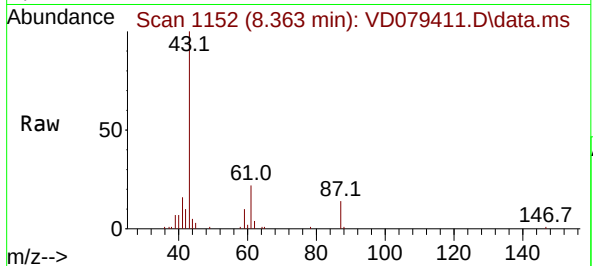




#43
Isopropyl Acetate
Concen: 19.306 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

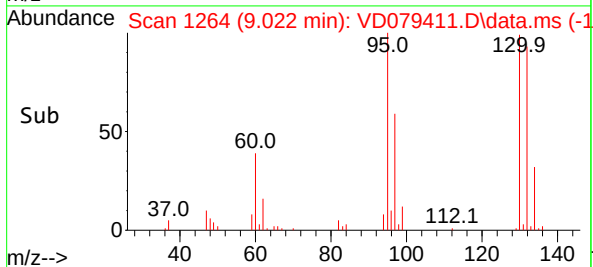
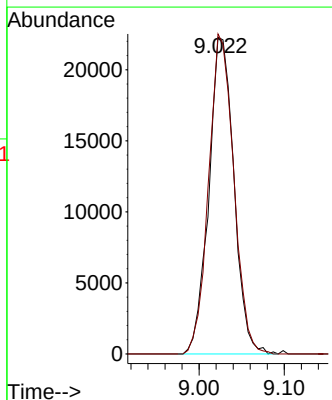
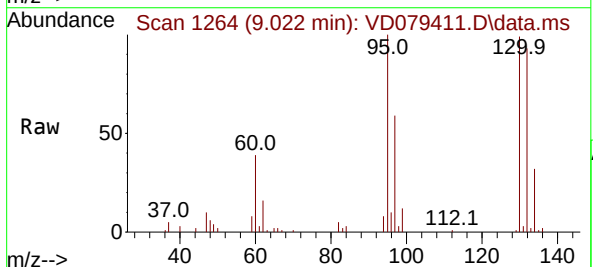
Instrument :
MSVOA_D
ClientSampleId :

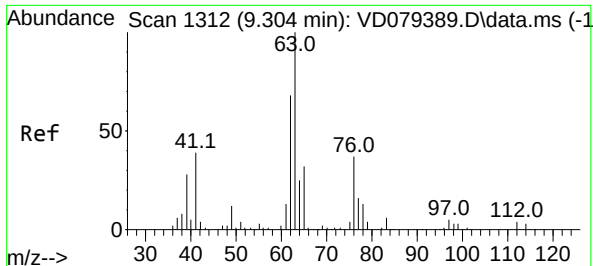
Tgt Ion: 43 Resp: 43100
Ion Ratio Lower Upper
43 100
61 21.1 29.3 43.9#
87 16.3 14.9 22.3



#44
Trichloroethene
Concen: 19.010 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion:130 Resp: 45529
Ion Ratio Lower Upper
130 100
95 101.1 0.0 177.8





#45

1,2-Dichloropropane

Concen: 19.128 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

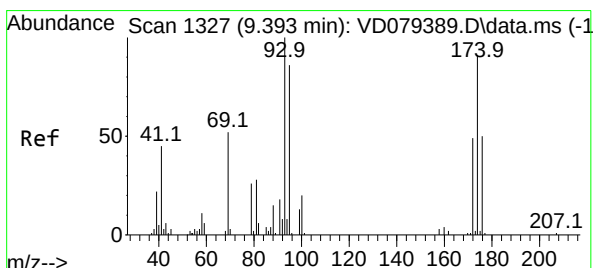
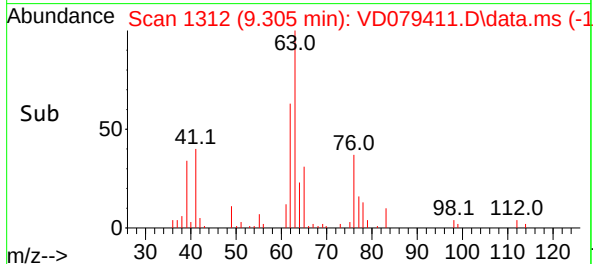
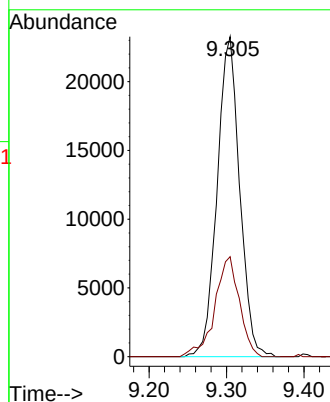
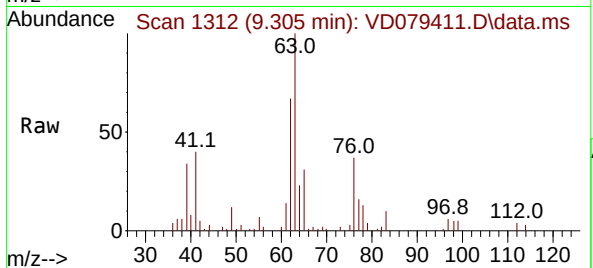
ClientSampleId :

Tgt Ion: 63 Resp: 46985

Ion Ratio Lower Upper

63 100

65 31.2 23.8 35.8



#46

Dibromomethane

Concen: 19.176 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

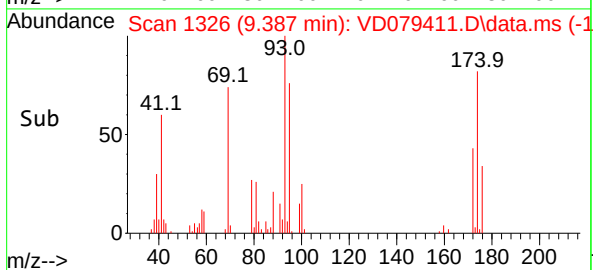
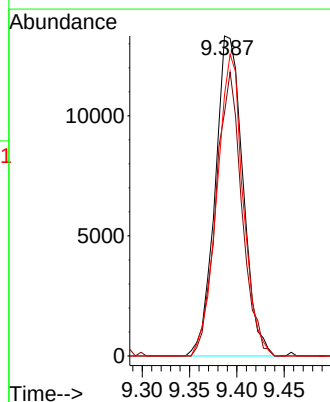
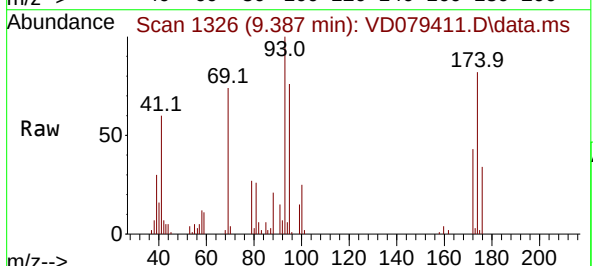
Tgt Ion: 93 Resp: 27104

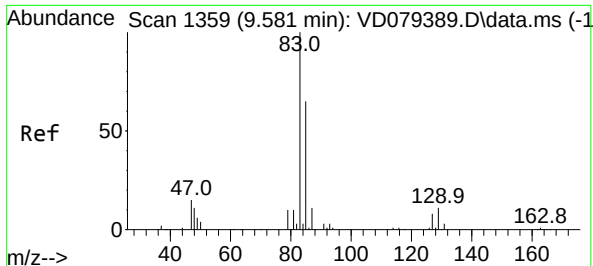
Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

174 89.3 82.3 123.5

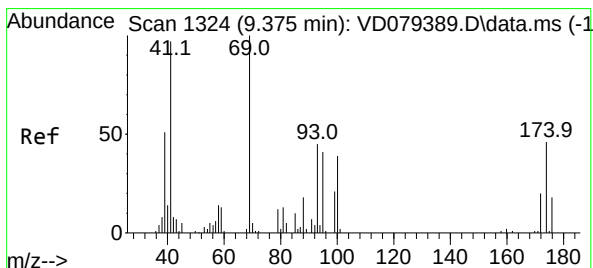
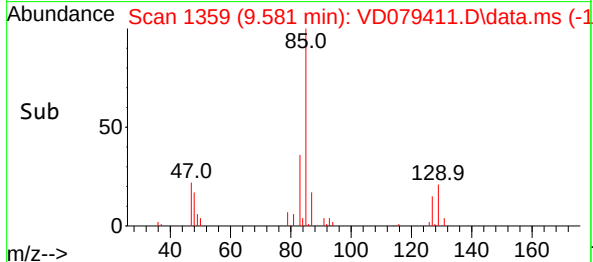
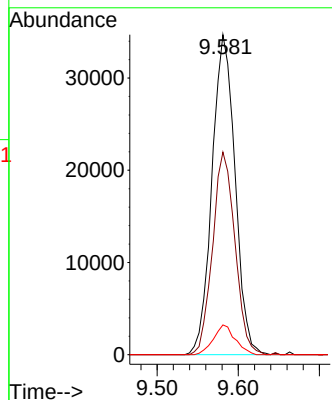
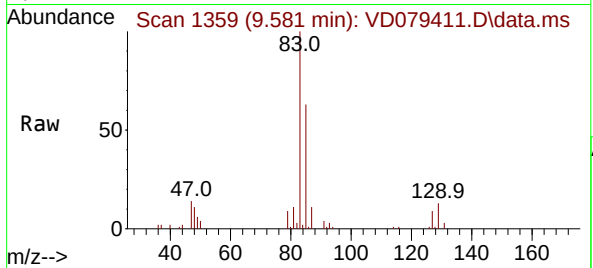




#47
Bromodichloromethane
Concen: 19.742 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

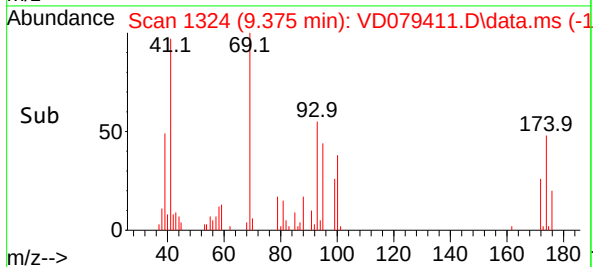
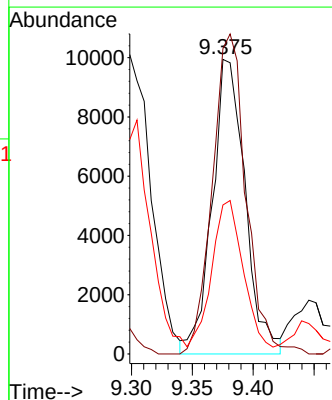
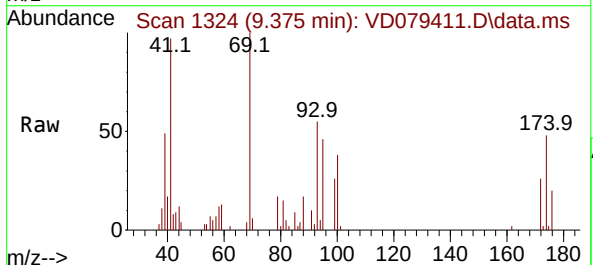
Instrument :
MSVOA_D
ClientSampleId :

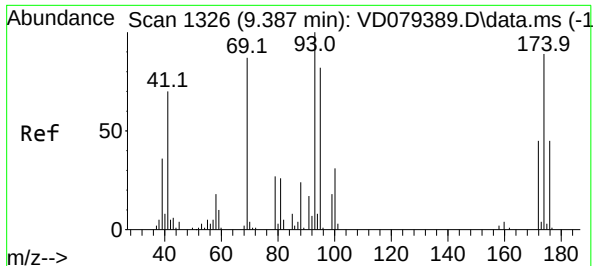
Tgt Ion: 83 Resp: 68415
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 9.3 6.8 10.2



#48
Methyl methacrylate
Concen: 17.844 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 41 Resp: 18696
Ion Ratio Lower Upper
41 100
69 111.3 96.7 145.1
39 51.7 43.8 65.6





#49

1,4-Dioxane

Concen: 393.195 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

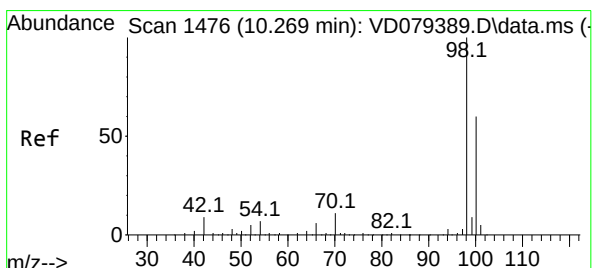
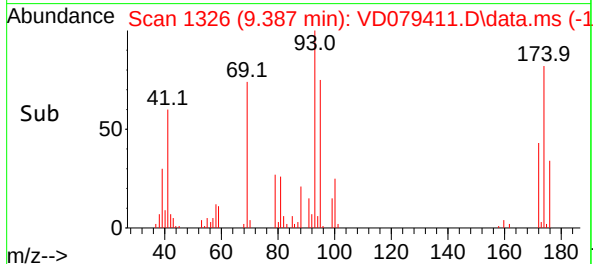
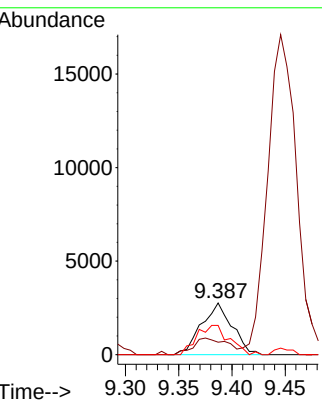
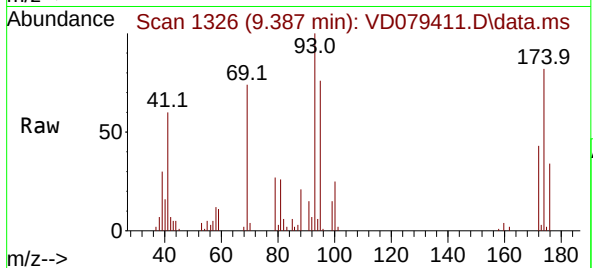
Tgt Ion: 88 Resp: 5540

Ion Ratio Lower Upper

88 100

43 35.5 21.5 32.3#

58 59.9 42.2 63.4



#50

Toluene-d8

Concen: 50.397 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079411.D

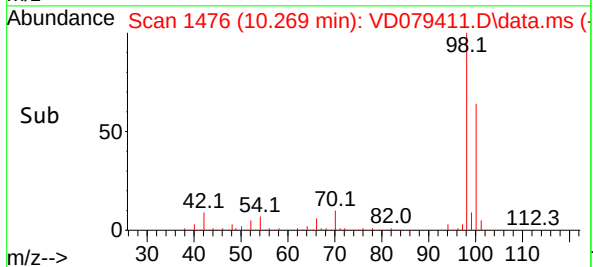
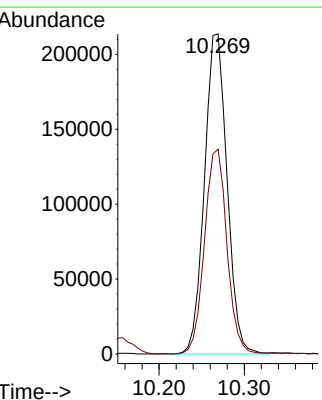
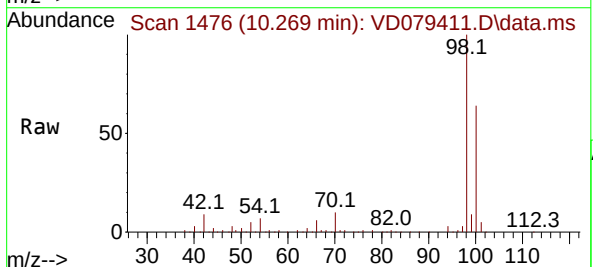
Acq: 26 Jul 2024 16:47

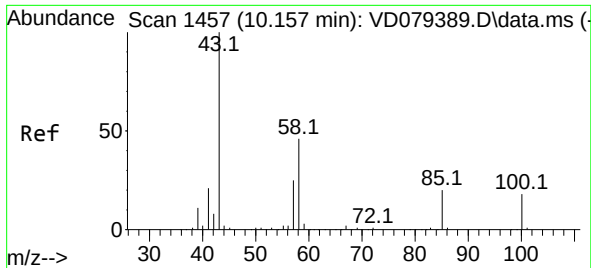
Tgt Ion: 98 Resp: 393750

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4

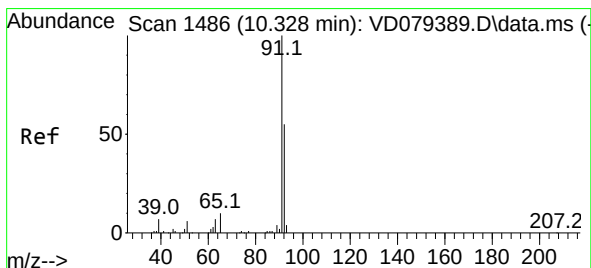
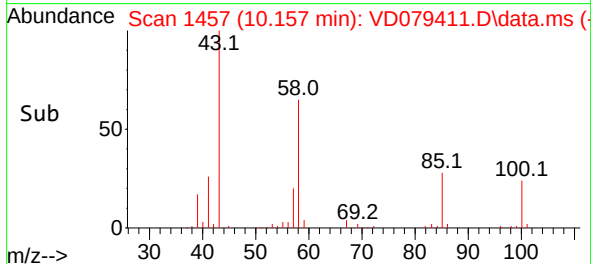
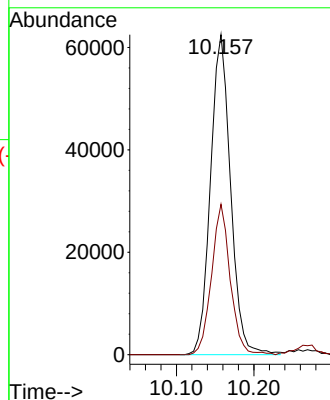
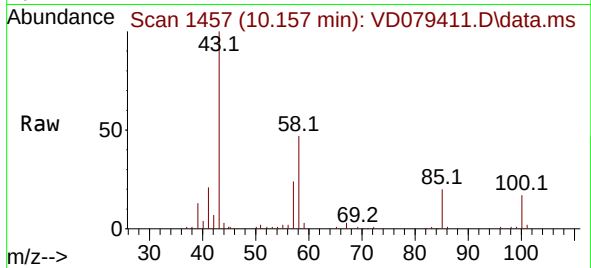




#51
4-Methyl-2-Pentanone
Concen: 92.650 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

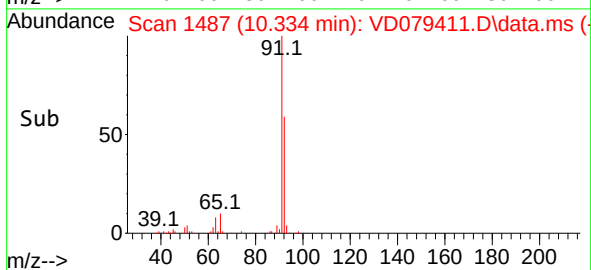
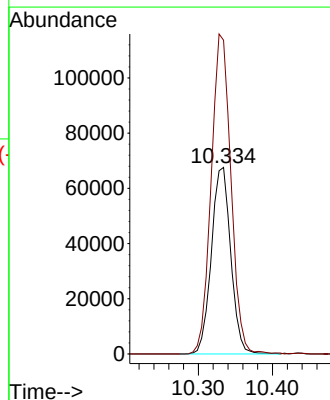
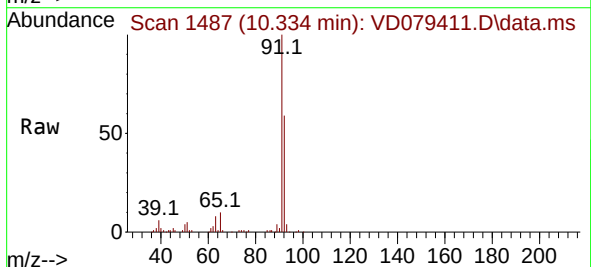
Instrument :
MSVOA_D
ClientSampleId :

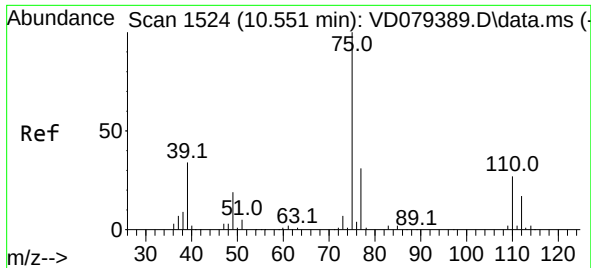
Tgt Ion: 43 Resp: 112605
Ion Ratio Lower Upper
43 100
58 43.8 36.6 55.0



#52
Toluene
Concen: 19.936 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 92 Resp: 122589
Ion Ratio Lower Upper
92 100
91 174.9 141.7 212.5

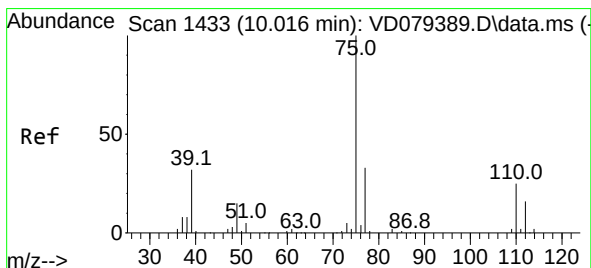
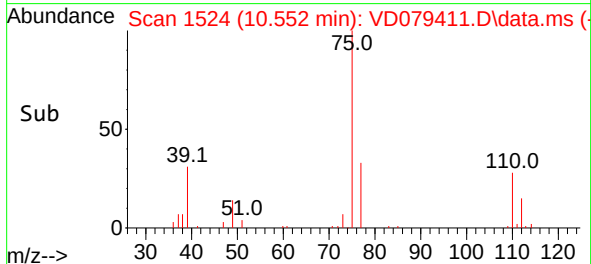
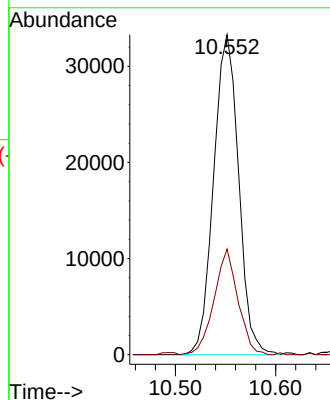
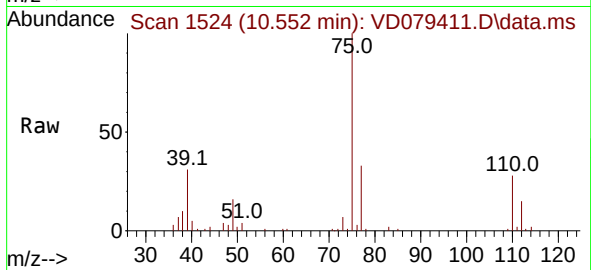




#53
 t-1,3-Dichloropropene
 Concen: 19.002 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD079411.D
 Acq: 26 Jul 2024 16:47

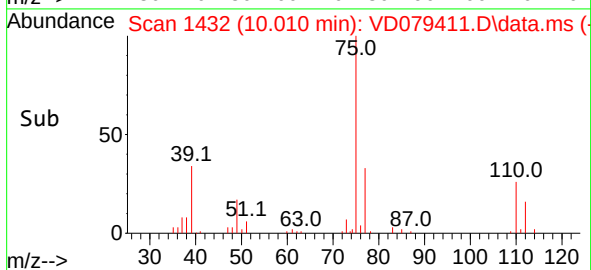
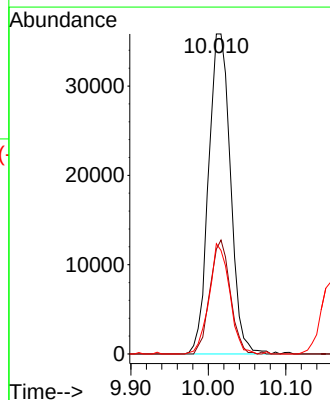
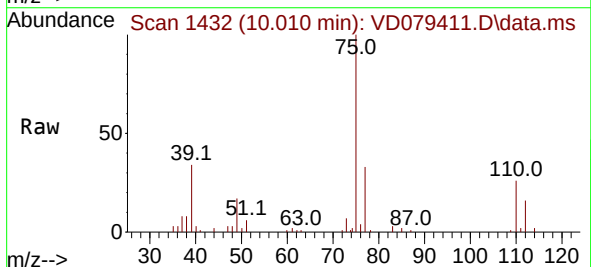
Instrument :
 MSVOA_D
 ClientSampleId :

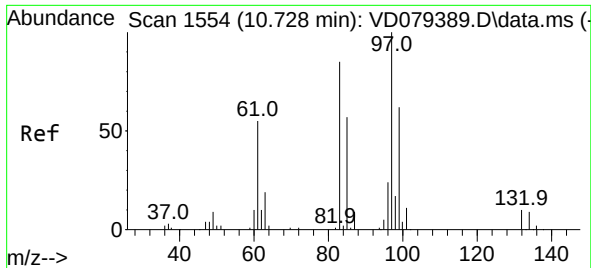
Tgt Ion: 75 Resp: 57622
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.147 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: VD079411.D
 Acq: 26 Jul 2024 16:47

Tgt Ion: 75 Resp: 70436
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.4 36.6
 39 34.5 24.2 36.2

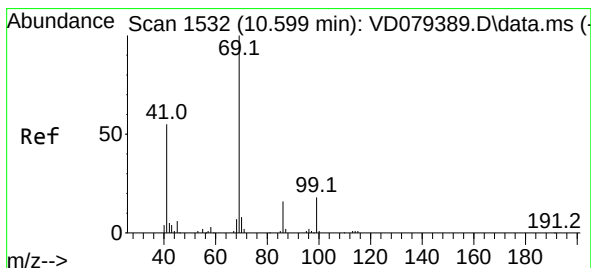
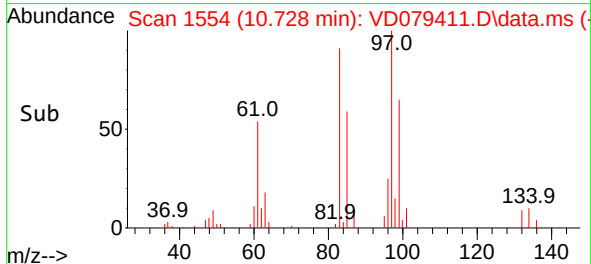
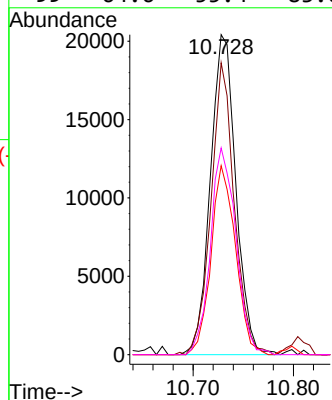
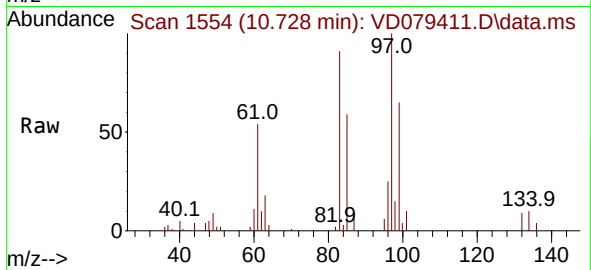




#55
 1,1,2-Trichloroethane
 Concen: 19.389 ug/l
 RT: 10.728 min Scan# 1554
 Delta R.T. -0.000 min
 Lab File: VD079411.D
 Acq: 26 Jul 2024 16:47

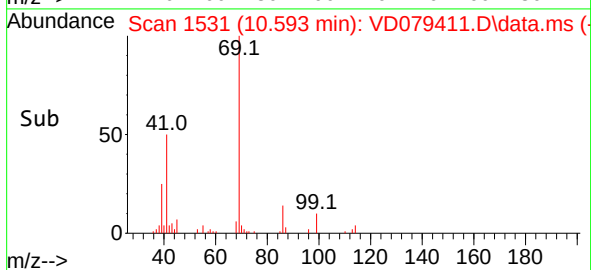
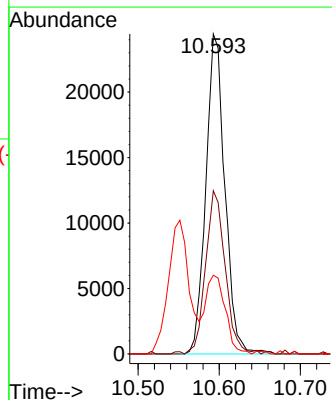
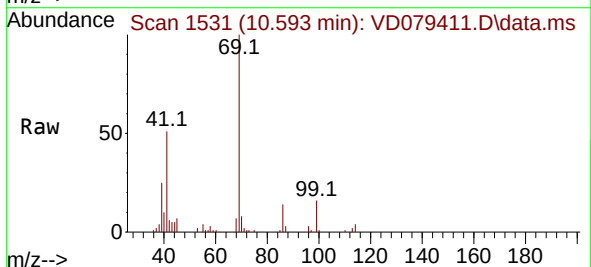
Instrument :
 MSVOA_D
 ClientSampleId :

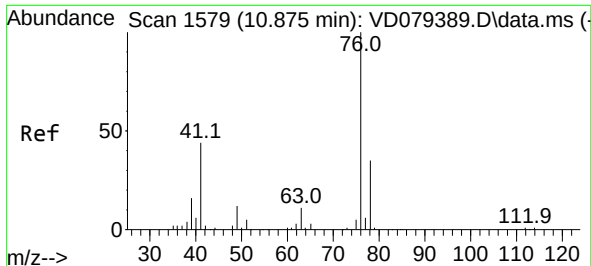
Tgt Ion: 97	Resp: 36060
Ion Ratio	Lower Upper
97 100	
83 90.4	65.8 98.8
85 59.1	43.8 65.8
99 64.6	55.4 83.0



#56
 Ethyl methacrylate
 Concen: 18.979 ug/l
 RT: 10.593 min Scan# 1531
 Delta R.T. -0.006 min
 Lab File: VD079411.D
 Acq: 26 Jul 2024 16:47

Tgt Ion: 69	Resp: 39787
Ion Ratio	Lower Upper
69 100	
41 52.8	39.8 59.6
39 25.7	20.2 30.4





#57

1,3-Dichloropropane

Concen: 18.792 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

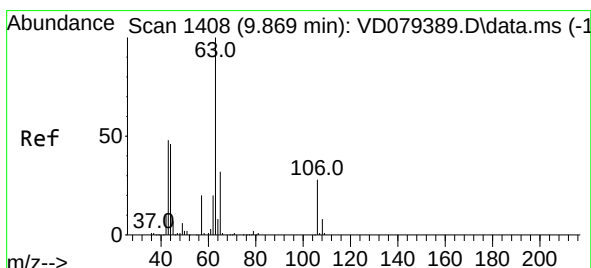
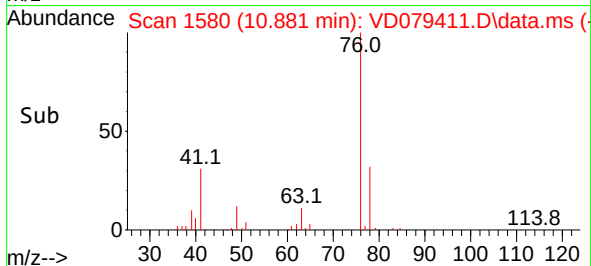
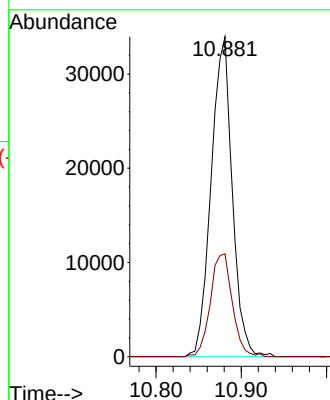
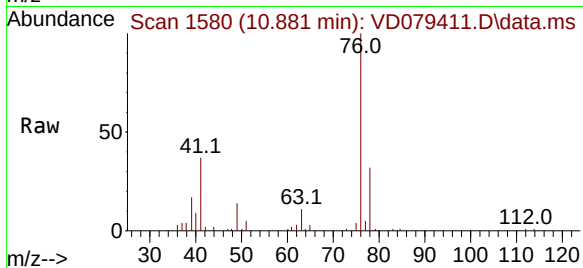
ClientSampleId :

Tgt Ion: 76 Resp: 58408

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 98.364 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079411.D

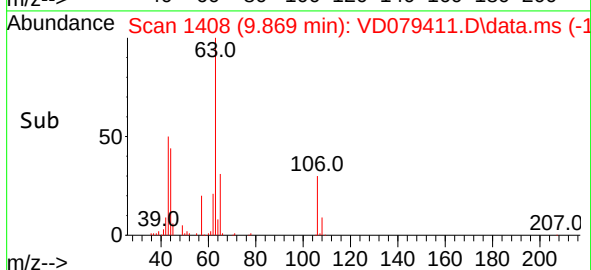
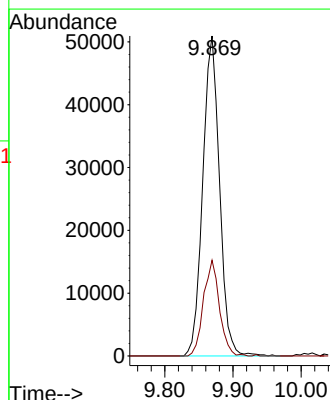
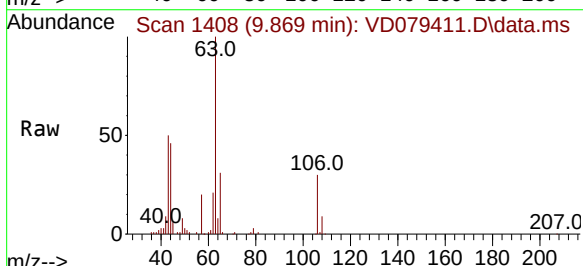
Acq: 26 Jul 2024 16:47

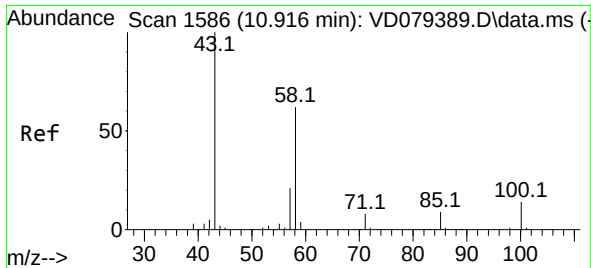
Tgt Ion: 63 Resp: 87216

Ion Ratio Lower Upper

63 100

106 28.5 26.4 39.6

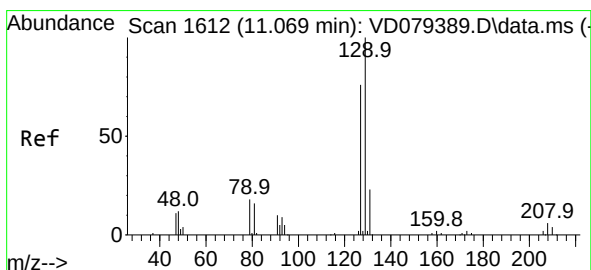
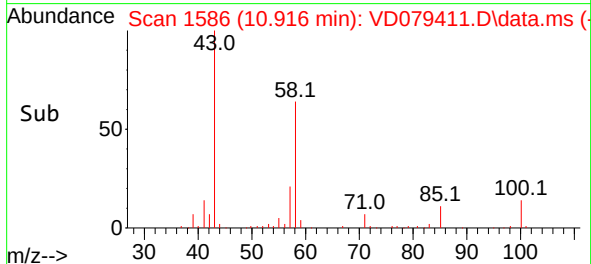
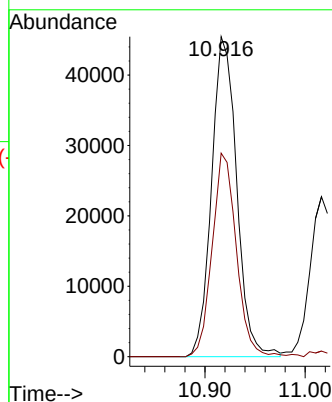
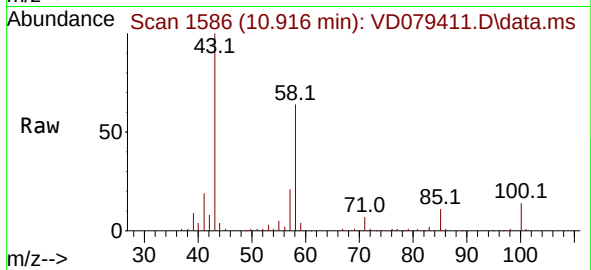




#59
2-Hexanone
Concen: 94.588 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

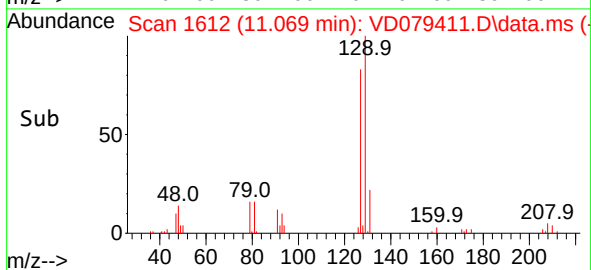
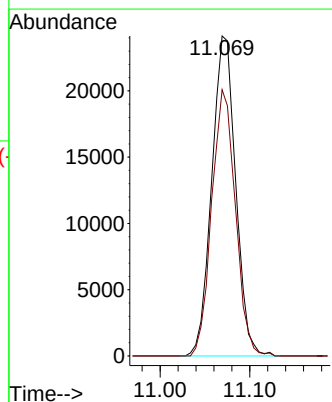
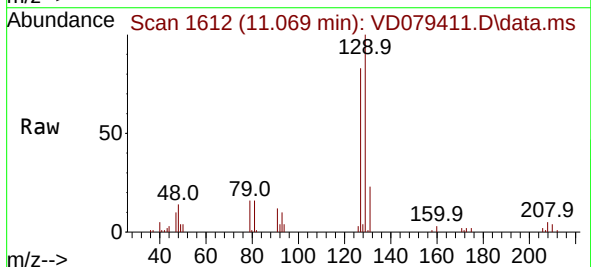
Instrument :
MSVOA_D
ClientSampleId :

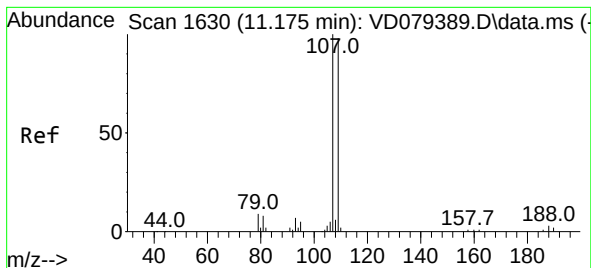
Tgt Ion: 43 Resp: 79068
Ion Ratio Lower Upper
43 100
58 61.5 31.1 93.5



#60
Dibromochloromethane
Concen: 18.774 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 129 Resp: 44673
Ion Ratio Lower Upper
129 100
127 82.5 38.0 113.9

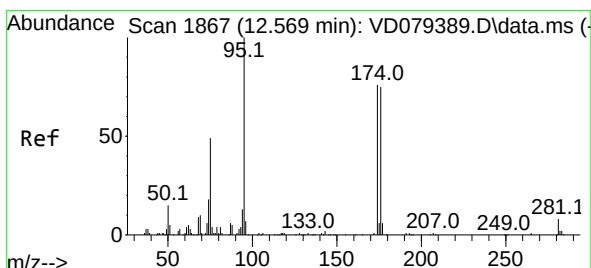
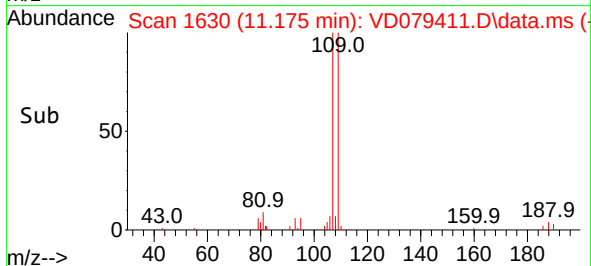
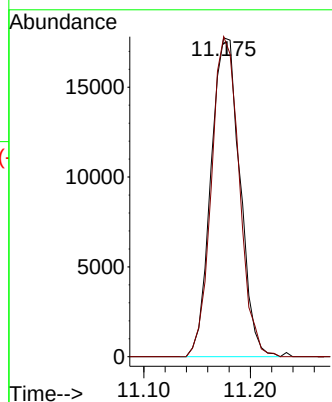
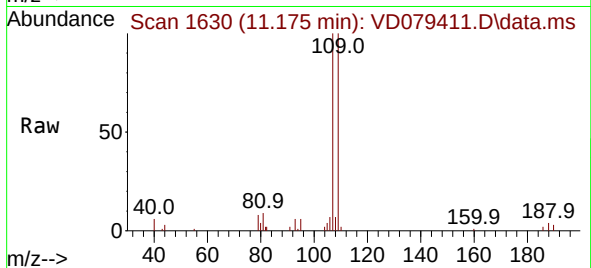




#61
1,2-Dibromoethane
Concen: 18.810 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

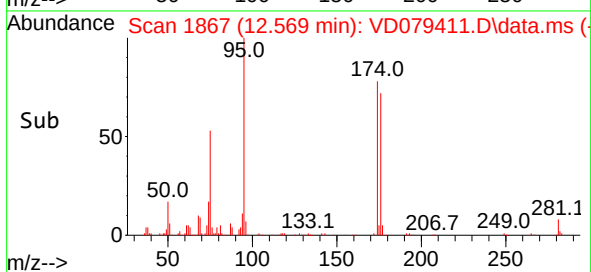
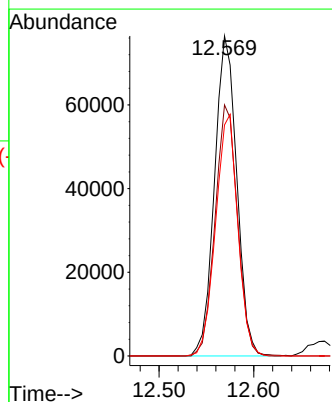
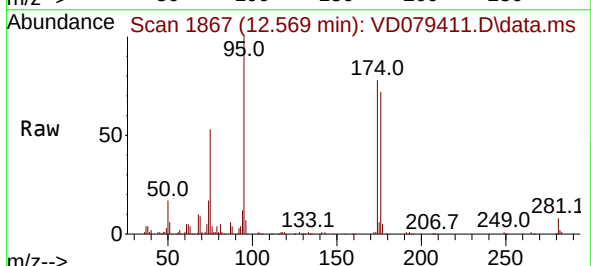
Instrument :
MSVOA_D
ClientSampleId :

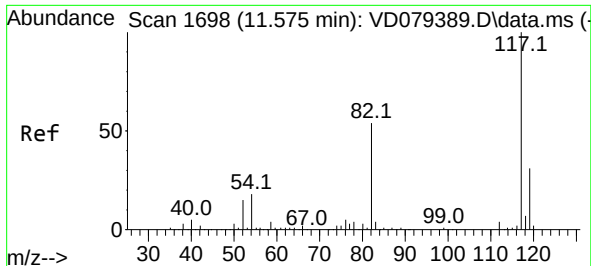
Tgt Ion:107 Resp: 33469
Ion Ratio Lower Upper
107 100
109 96.3 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 51.011 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 95 Resp: 124757
Ion Ratio Lower Upper
95 100
174 79.0 0.0 195.4
176 75.5 0.0 192.6

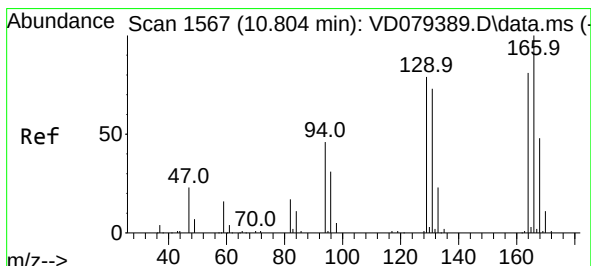
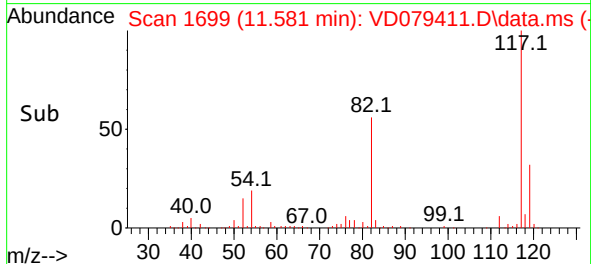
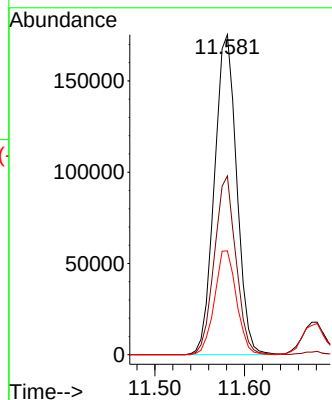
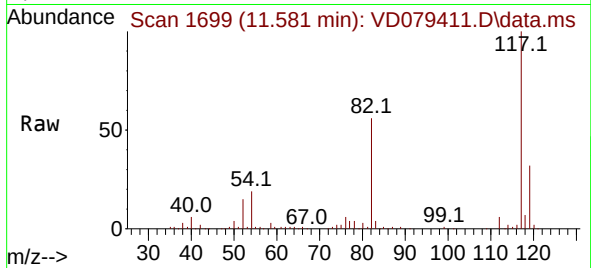




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

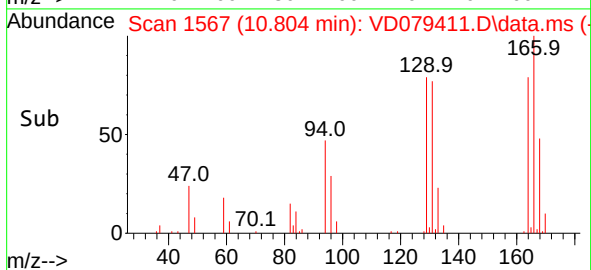
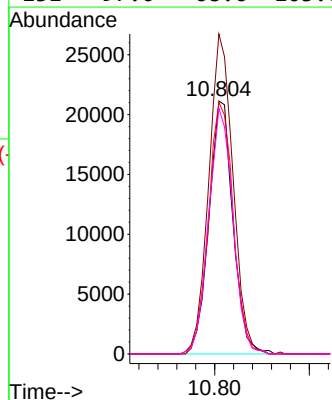
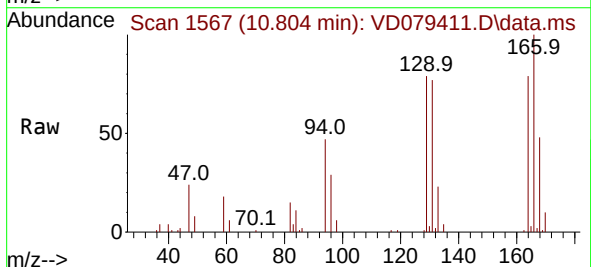
Instrument :
MSVOA_D
ClientSampleId :

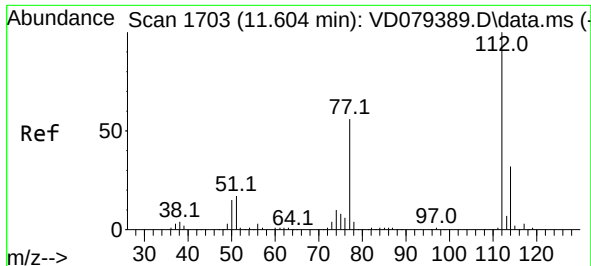
Tgt Ion:117 Resp: 302651
Ion Ratio Lower Upper
117 100
82 55.9 39.8 59.6
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 18.573 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion:164 Resp: 37098
Ion Ratio Lower Upper
164 100
166 126.5 108.6 163.0
129 99.4 74.6 112.0
131 97.0 68.6 103.0

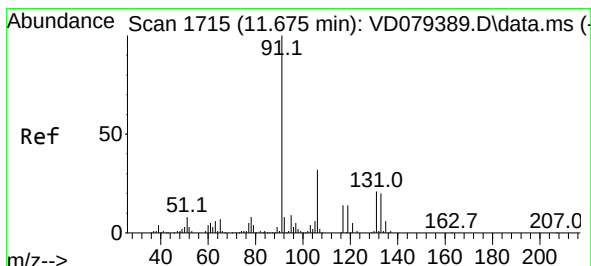
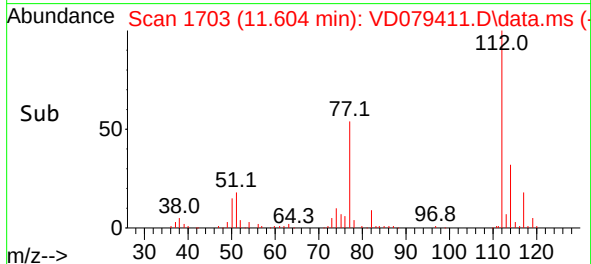
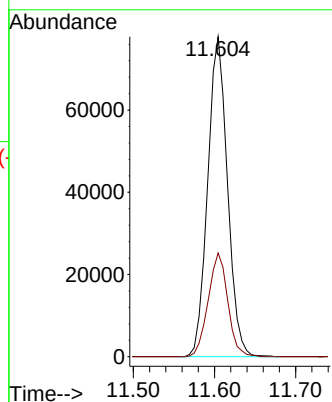
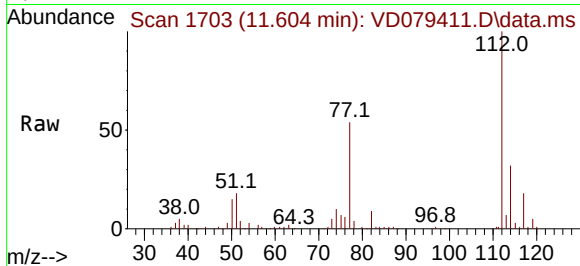




#65
Chlorobenzene
Concen: 19.528 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

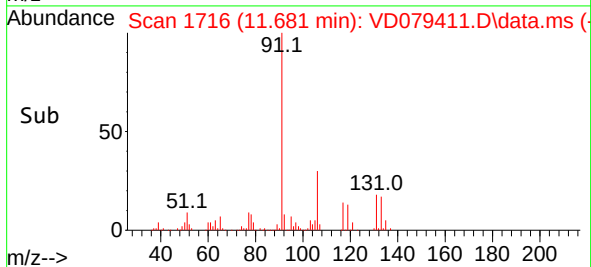
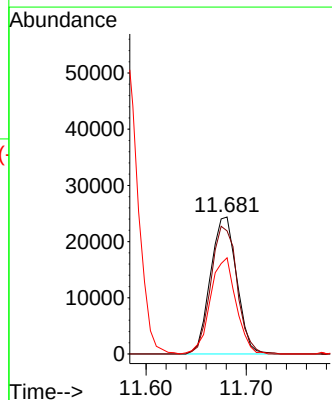
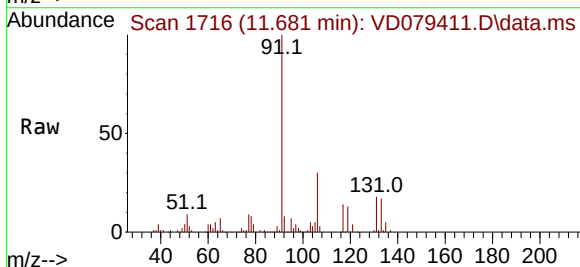
Instrument :
MSVOA_D
ClientSampleId :

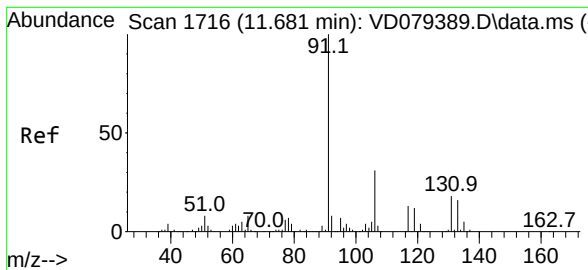
Tgt Ion:112 Resp: 131445
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.176 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion:131 Resp: 44364
Ion Ratio Lower Upper
131 100
133 93.7 49.2 147.6
119 68.7 33.4 100.2

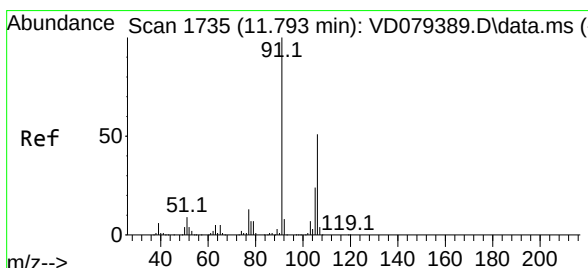
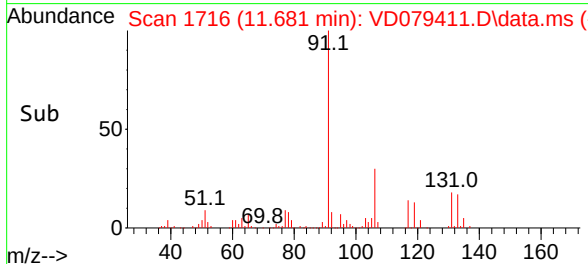
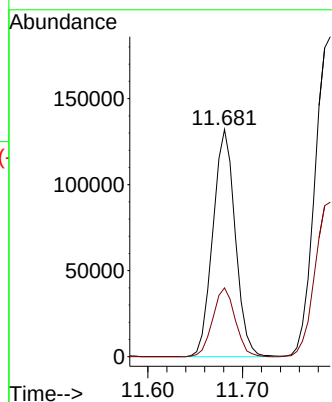
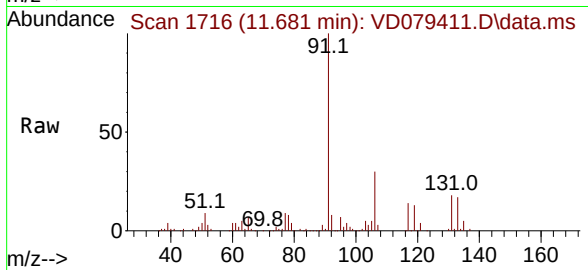




#67
Ethyl Benzene
Concen: 19.234 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

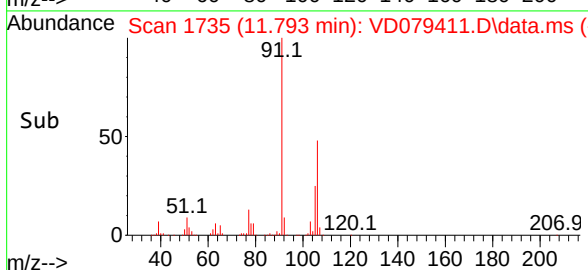
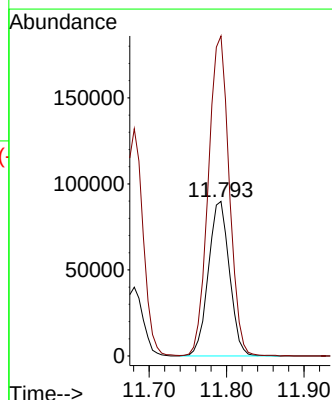
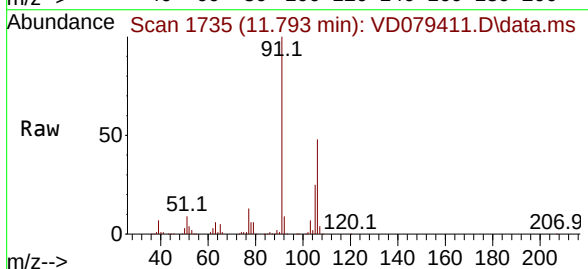
Instrument :
MSVOA_D
ClientSampleId :

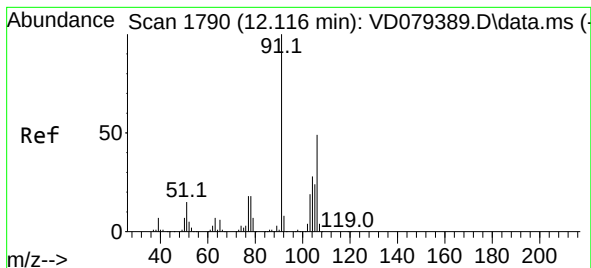
Tgt Ion: 91 Resp: 216735
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.6



#68
m/p-Xylenes
Concen: 38.142 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion:106 Resp: 169622
Ion Ratio Lower Upper
106 100
91 205.9 148.5 222.7





#69

o-Xylene

Concen: 19.148 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

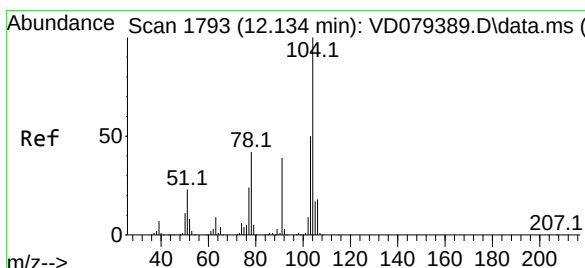
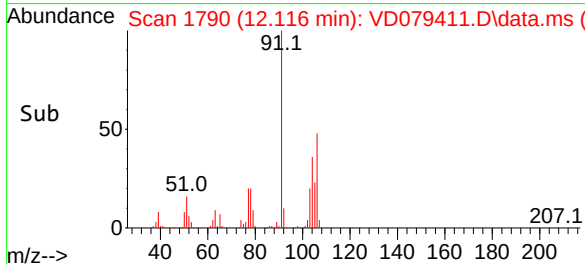
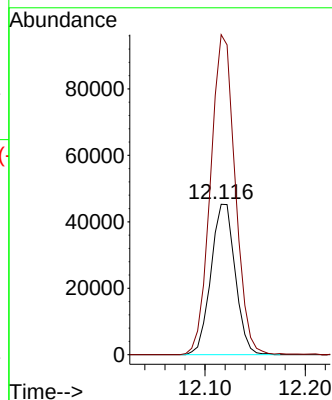
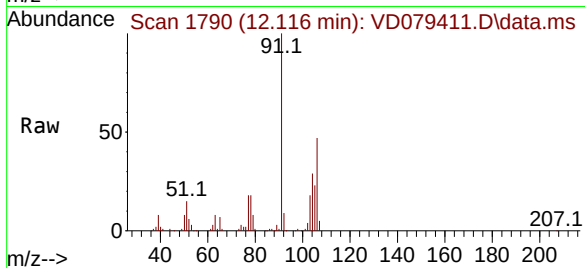
ClientSampleId :

Tgt Ion:106 Resp: 76142

Ion Ratio Lower Upper

106 100

91 216.7 96.7 290.1



#70

Styrene

Concen: 19.738 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

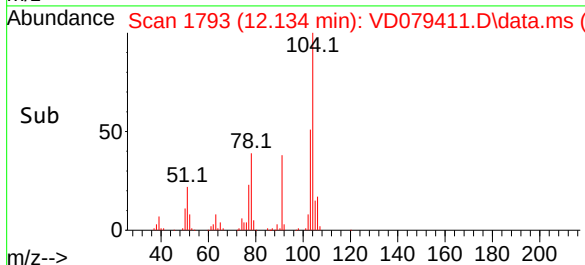
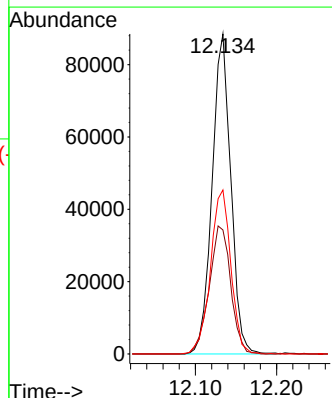
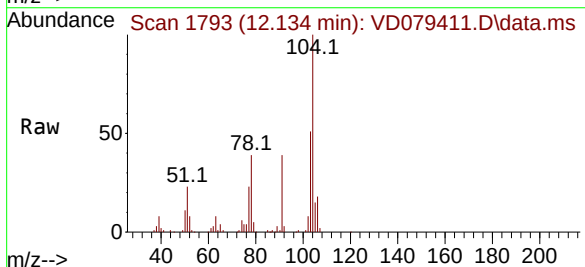
Tgt Ion:104 Resp: 141400

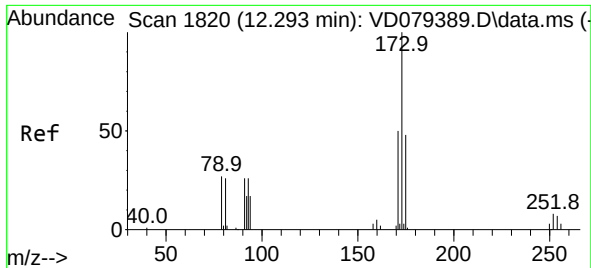
Ion Ratio Lower Upper

104 100

78 46.0 33.0 49.6

103 55.8 44.2 66.4

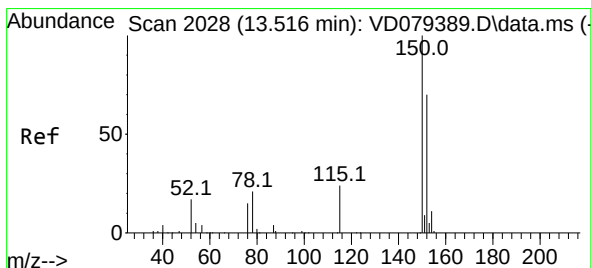
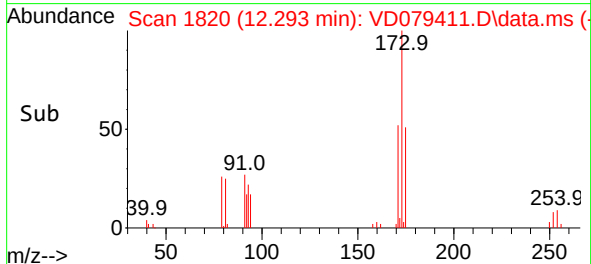
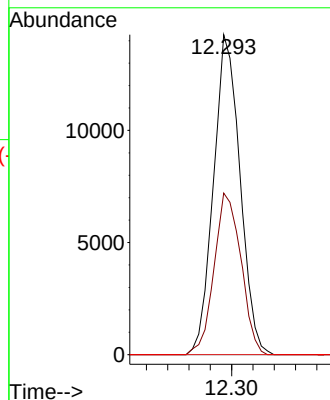
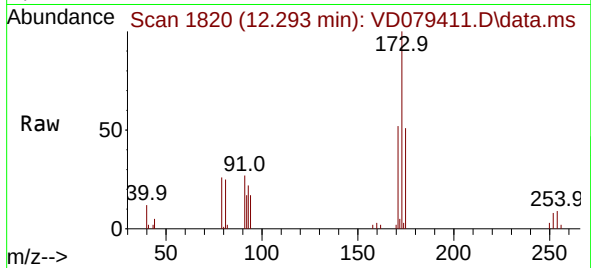




#71
Bromoform
Concen: 19.882 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

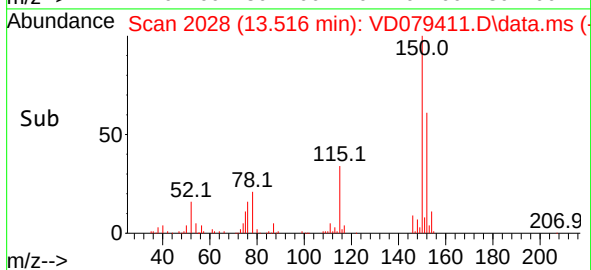
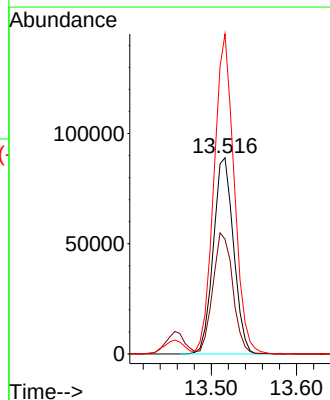
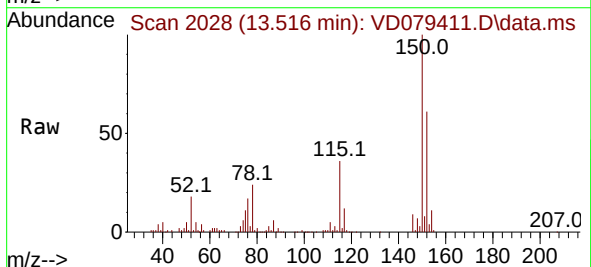
Instrument :
MSVOA_D
ClientSampleId :

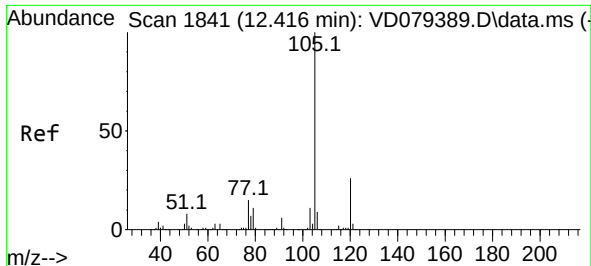
Tgt Ion:173 Resp: 24651
Ion Ratio Lower Upper
173 100
175 51.2 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion:152 Resp: 146627
Ion Ratio Lower Upper
152 100
115 61.0 26.5 79.5
150 162.9 0.0 341.6

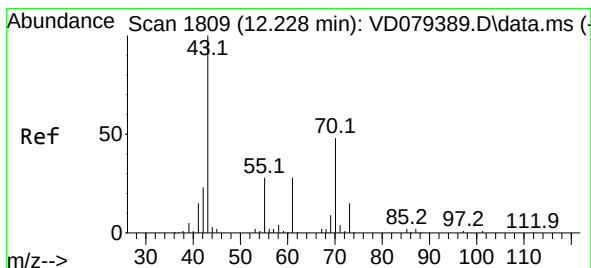
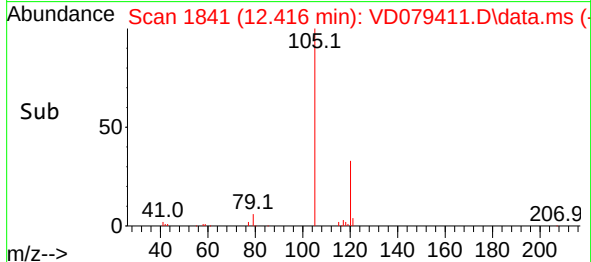
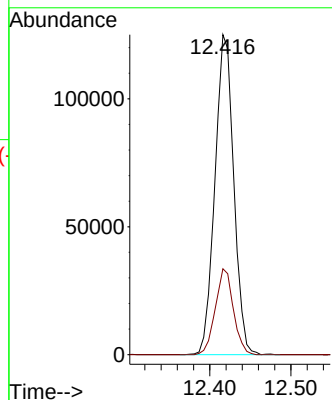
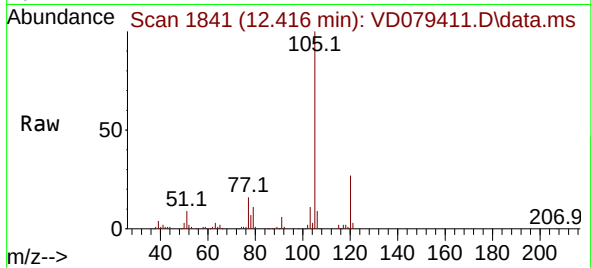




#73
Isopropylbenzene
Concen: 19.384 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

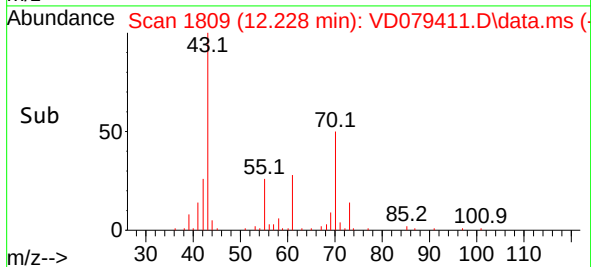
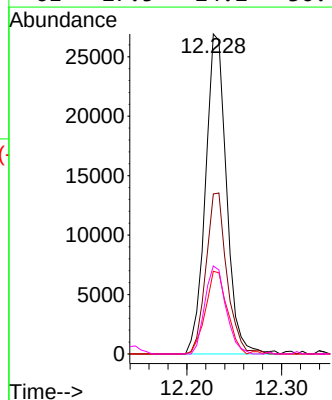
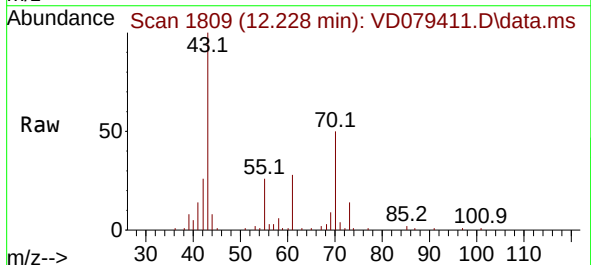
Instrument :
MSVOA_D
ClientSampleId :

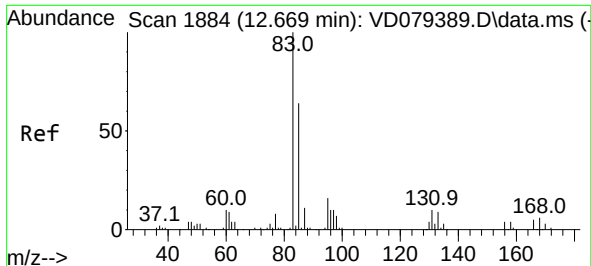
Tgt Ion:105 Resp: 201402
Ion Ratio Lower Upper
105 100
120 25.8 13.6 40.7



#74
N-ethyl acetate
Concen: 19.047 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 43 Resp: 41462
Ion Ratio Lower Upper
43 100
70 50.2 44.3 66.5
55 26.8 23.2 34.8
61 27.5 24.2 36.4

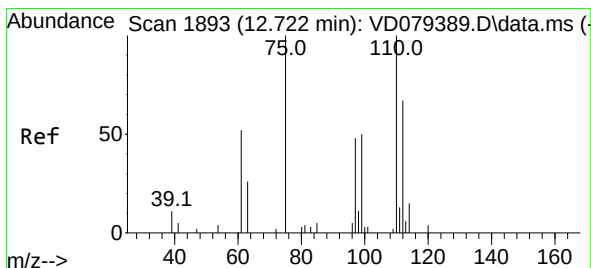
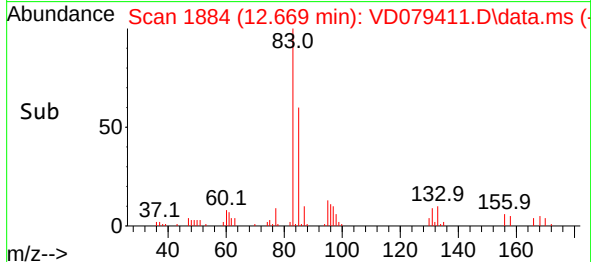
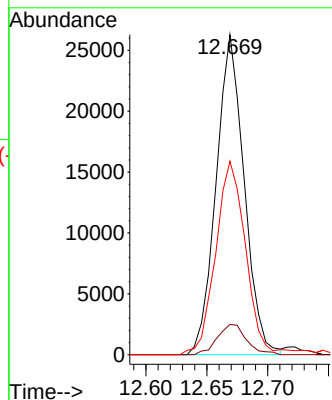
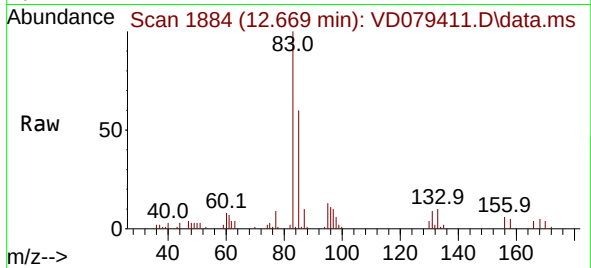




#75
1,1,2,2-Tetrachloroethane
Concen: 19.760 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

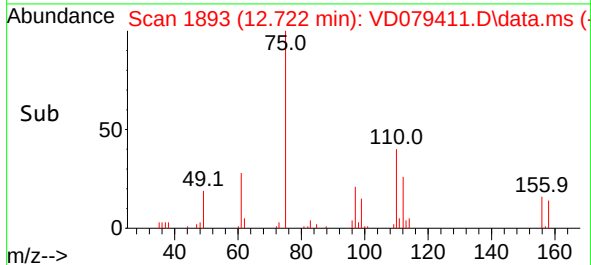
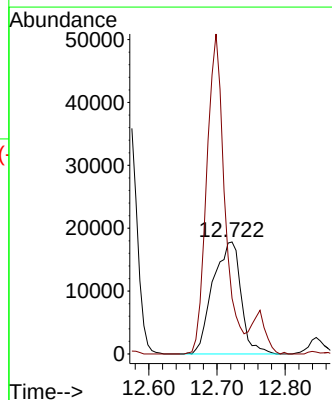
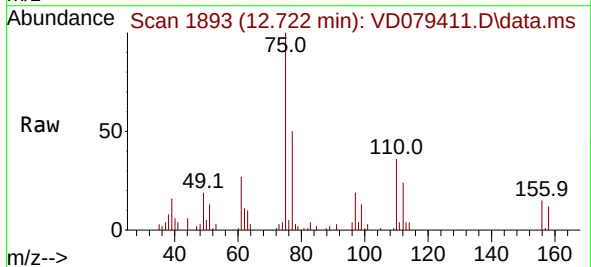
Instrument :
MSVOA_D
ClientSampleId :

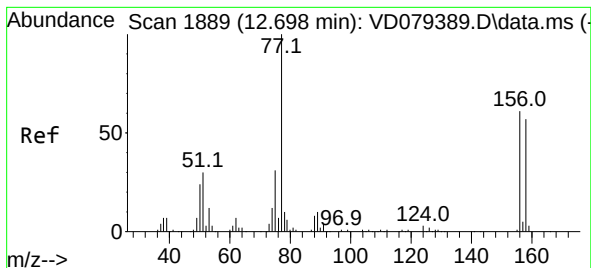
Tgt Ion: 83 Resp: 42119
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 65.8 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 35.052 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 75 Resp: 51083
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.105 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079411.D

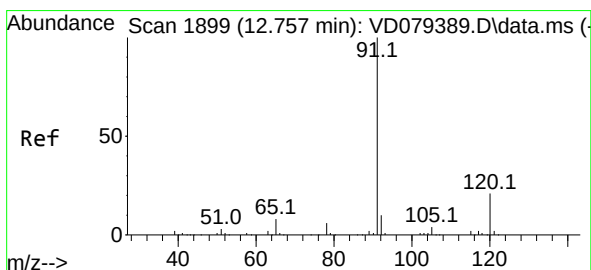
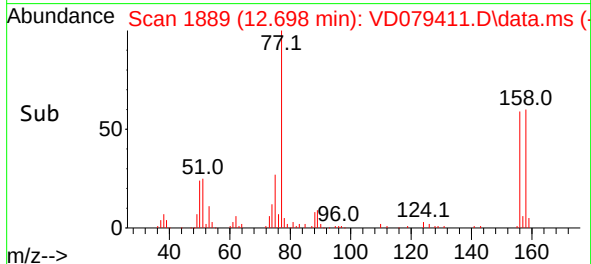
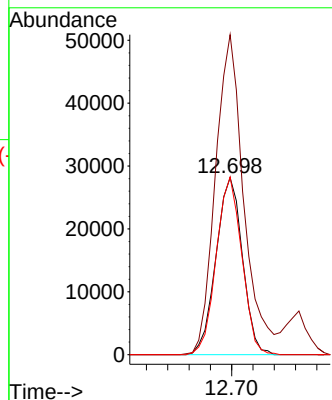
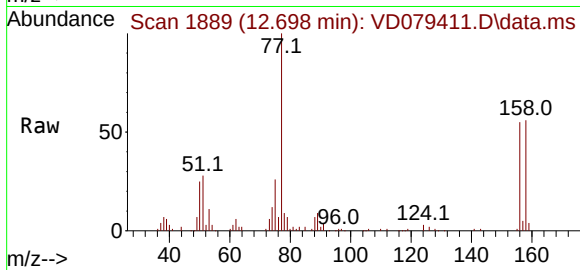
Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	48565
Ion Ratio	Lower	Upper	
156	100		
77	192.9	77.3	231.9
158	96.8	49.6	149.0



#78

n-propylbenzene

Concen: 19.327 ug/l

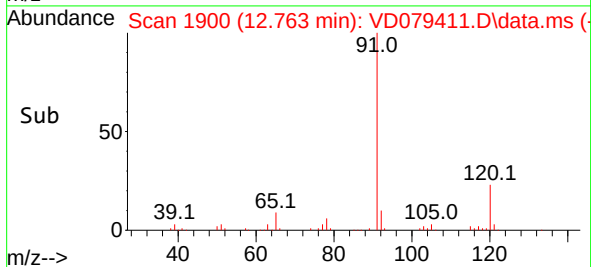
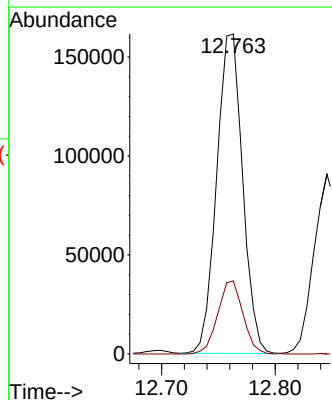
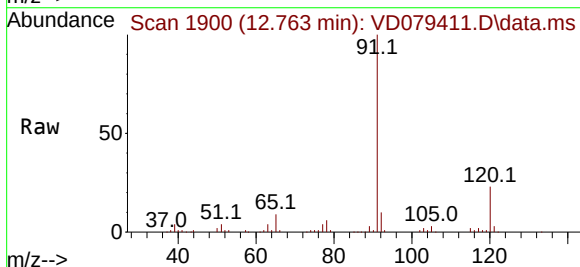
RT: 12.763 min Scan# 1900

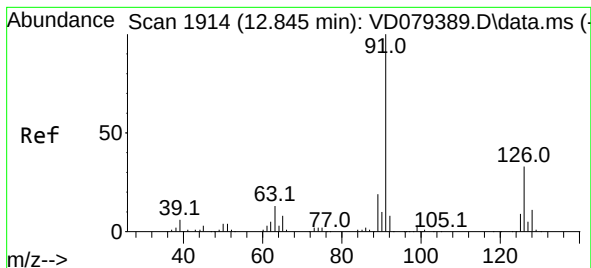
Delta R.T. 0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Tgt Ion:	91	Resp:	256308
Ion Ratio	Lower	Upper	
91	100		
120	22.2	12.3	36.8





#79

2-Chlorotoluene

Concen: 19.527 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

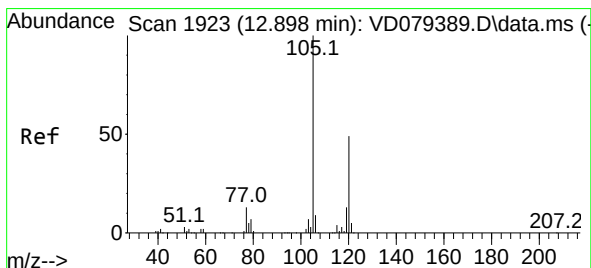
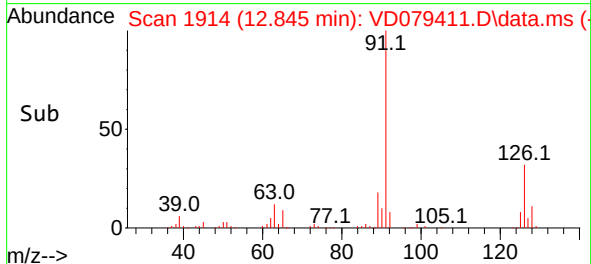
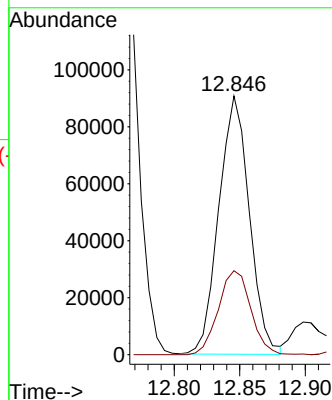
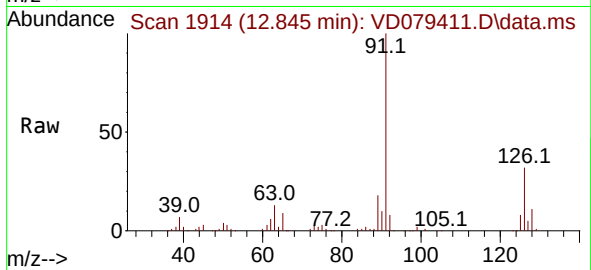
ClientSampleId :

Tgt Ion: 91 Resp: 146941

Ion Ratio Lower Upper

91 100

126 34.5 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 19.571 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VD079411.D

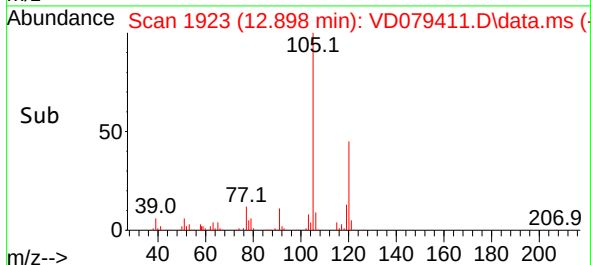
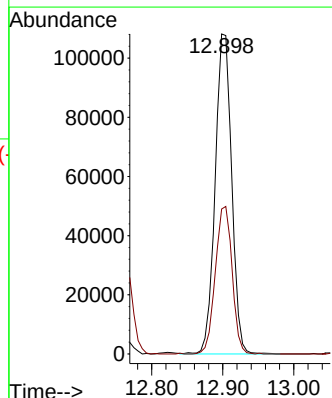
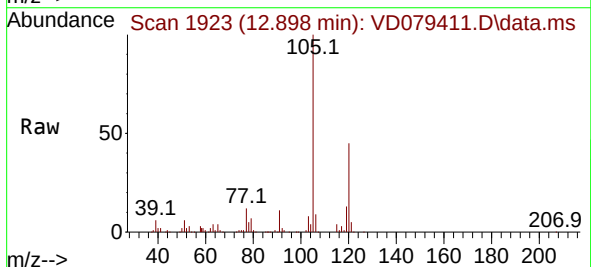
Acq: 26 Jul 2024 16:47

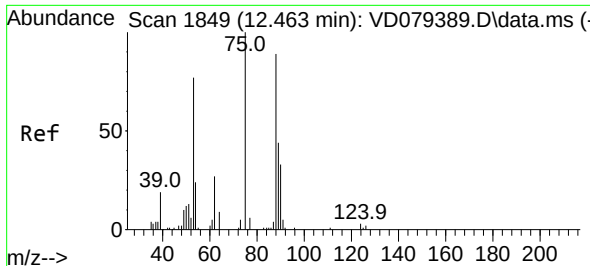
Tgt Ion: 105 Resp: 174300

Ion Ratio Lower Upper

105 100

120 46.8 25.7 77.1

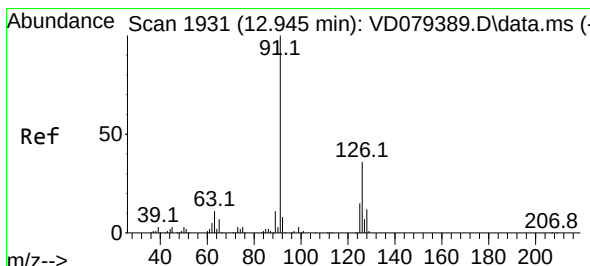
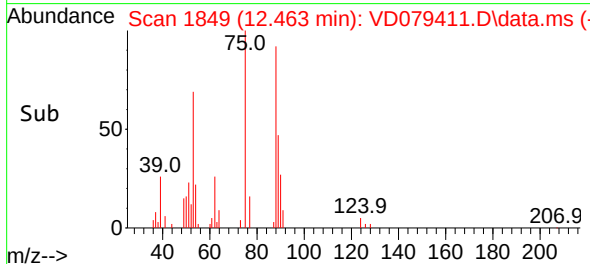
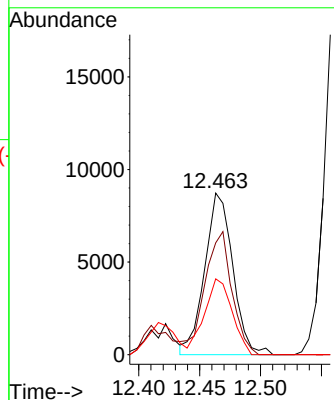
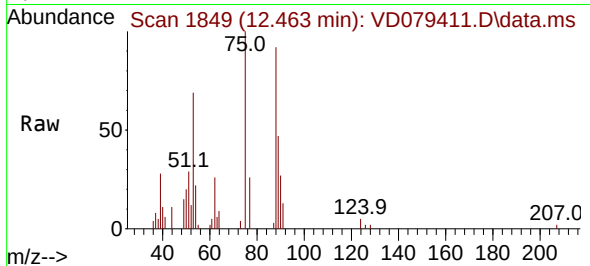




#81
trans-1,4-Dichloro-2-butene
Concen: 19.502 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

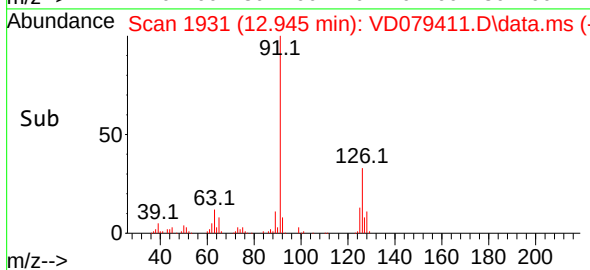
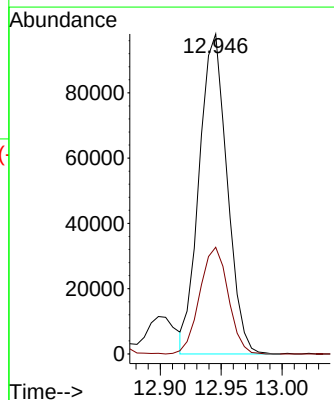
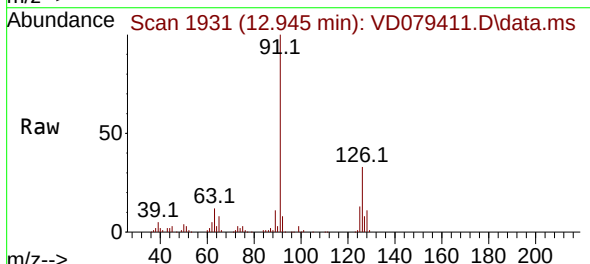
Instrument :
MSVOA_D
ClientSampleId :

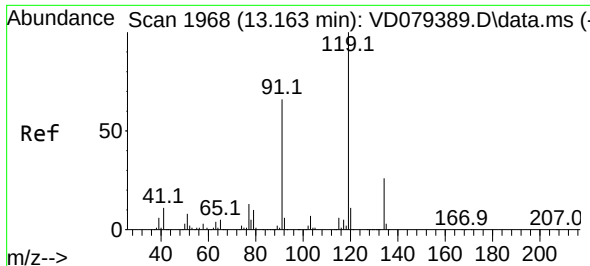
Tgt Ion: 75 Resp: 13993
Ion Ratio Lower Upper
75 100
53 74.1 61.4 92.2
89 46.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 19.884 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 91 Resp: 156271
Ion Ratio Lower Upper
91 100
126 34.0 18.9 56.9

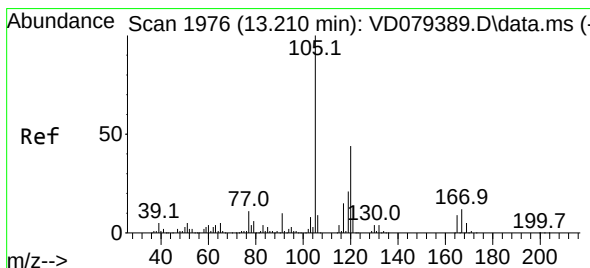
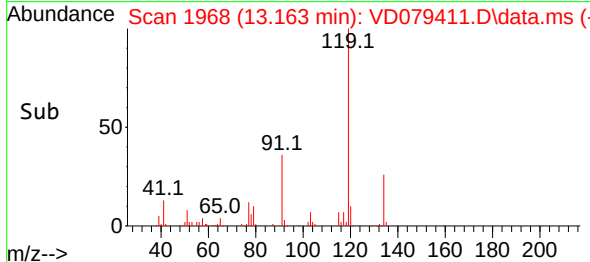
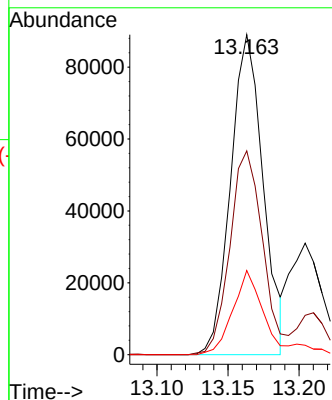
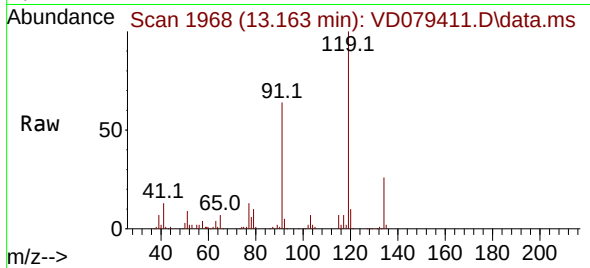




#83
tert-Butylbenzene
Concen: 19.339 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

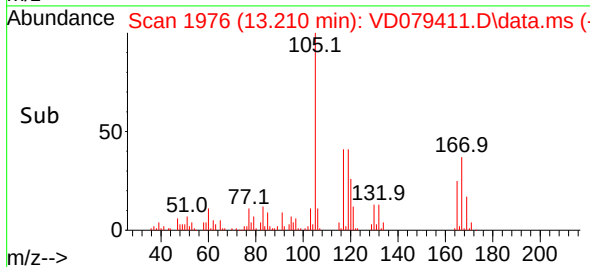
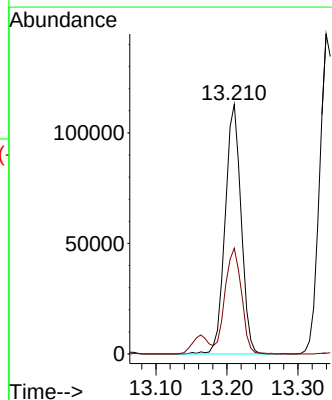
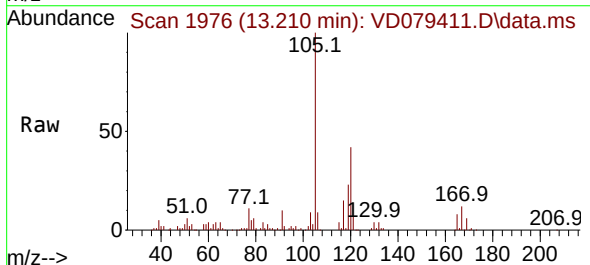
Instrument :
MSVOA_D
ClientSampleId :

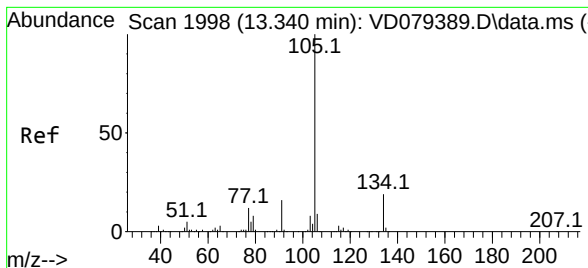
Tgt Ion:119 Resp: 141720
Ion Ratio Lower Upper
119 100
91 64.8 28.2 84.7
134 24.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.741 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion:105 Resp: 176054
Ion Ratio Lower Upper
105 100
120 43.6 23.6 71.0





#85

sec-Butylbenzene

Concen: 19.586 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

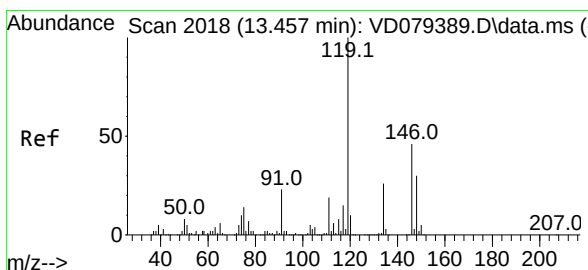
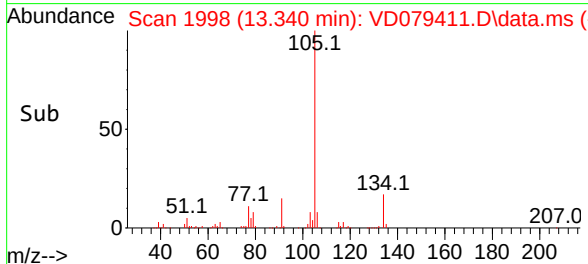
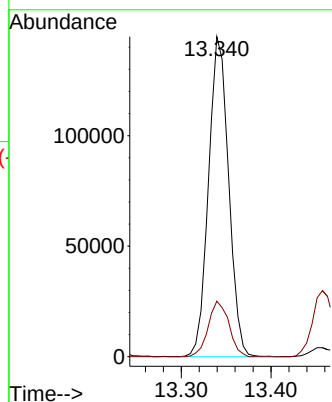
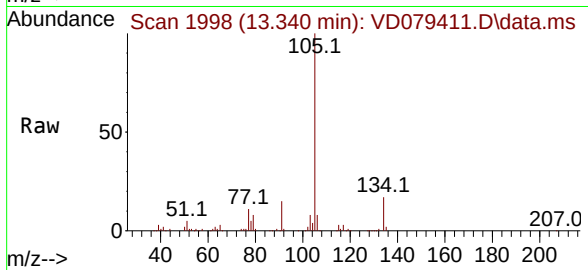
ClientSampleId :

Tgt Ion:105 Resp: 225324

Ion Ratio Lower Upper

105 100

134 17.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.521 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

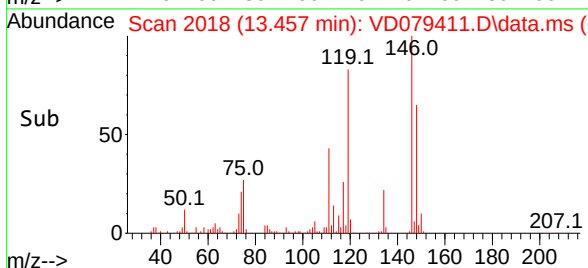
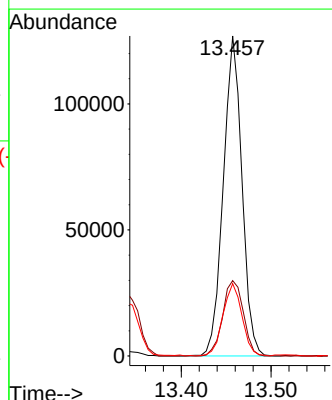
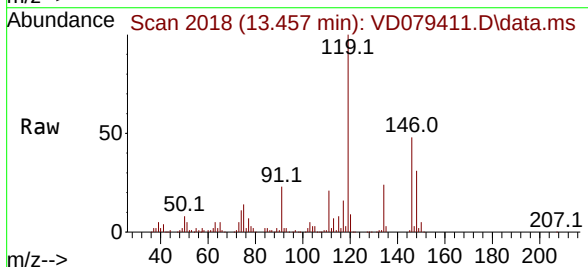
Tgt Ion:119 Resp: 183103

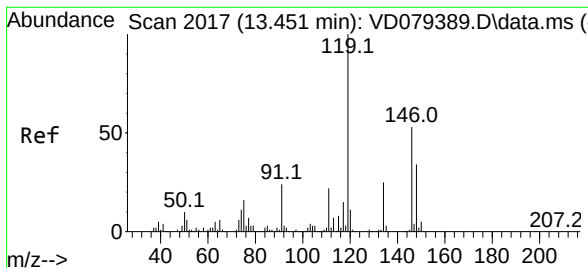
Ion Ratio Lower Upper

119 100

134 26.0 13.7 41.1

91 23.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.202 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

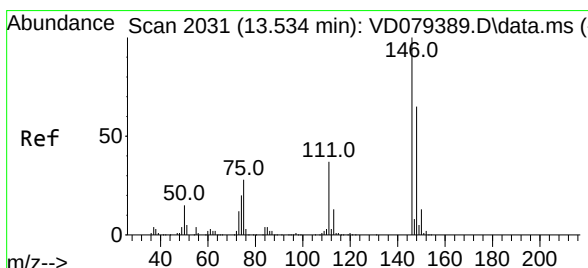
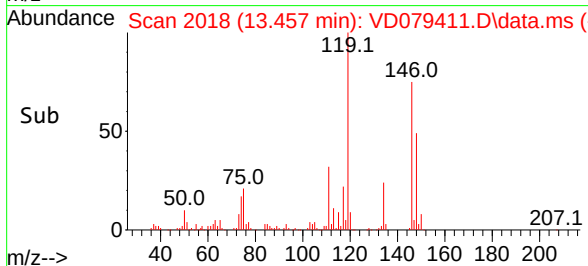
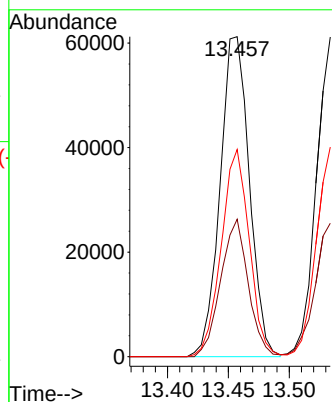
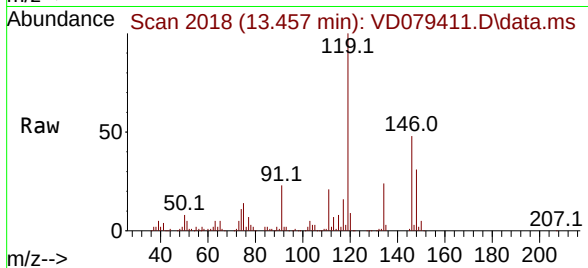
Tgt Ion:146 Resp: 102384

Ion Ratio Lower Upper

146 100

111 40.6 18.5 55.5

148 62.1 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 19.689 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

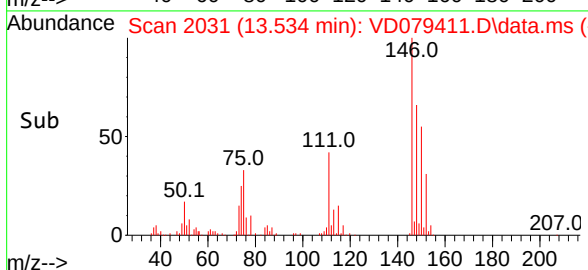
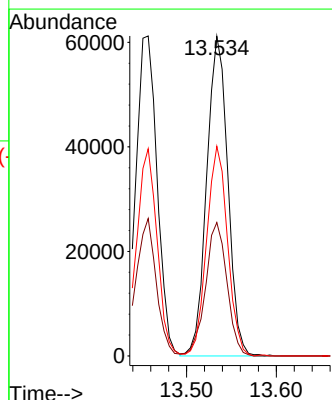
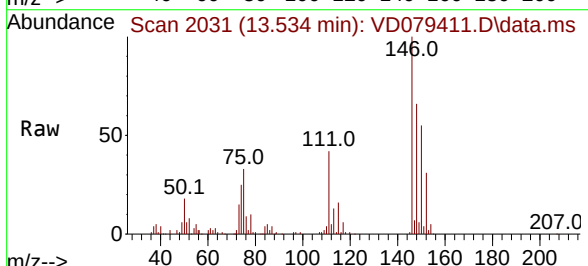
Tgt Ion:146 Resp: 99804

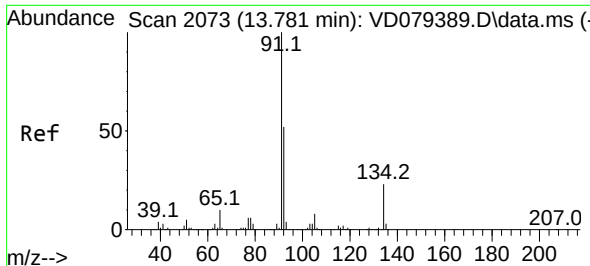
Ion Ratio Lower Upper

146 100

111 42.4 17.5 52.6

148 65.1 31.4 94.2

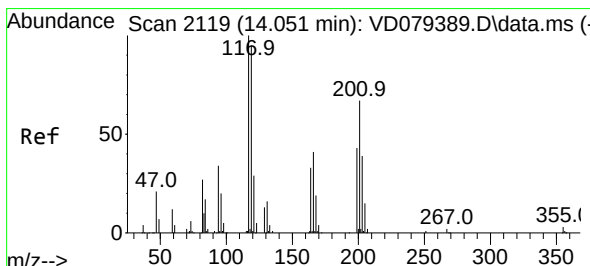
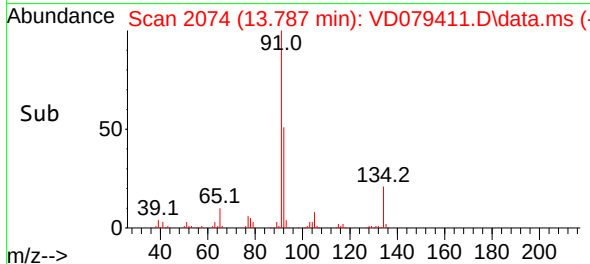
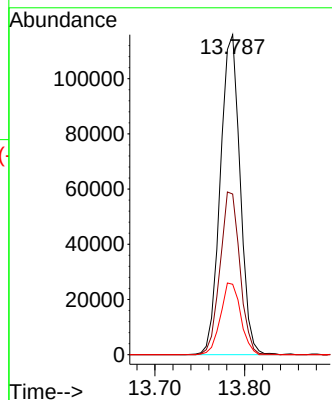
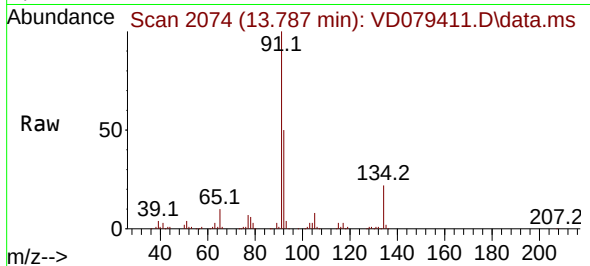




#89
n-Butylbenzene
Concen: 19.592 ug/l
RT: 13.787 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

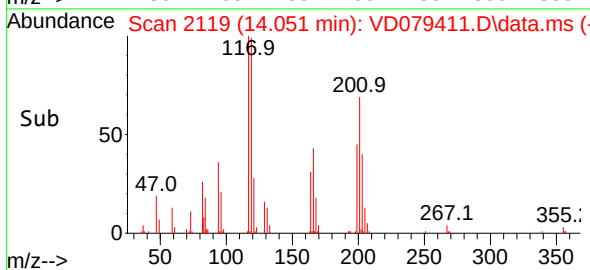
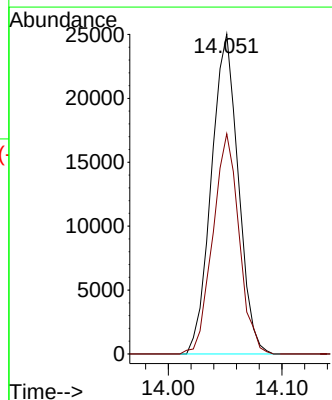
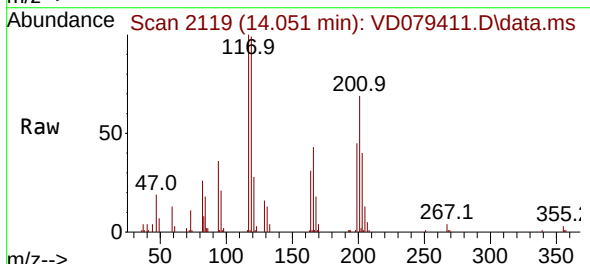
Instrument :
MSVOA_D
ClientSampleId :

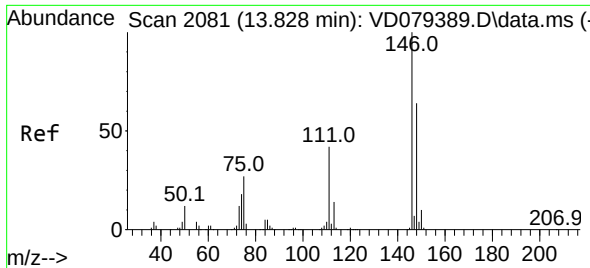
Tgt Ion: 91 Resp: 177350
Ion Ratio Lower Upper
91 100
92 51.0 25.7 77.0
134 22.8 13.6 40.8



#90
Hexachloroethane
Concen: 19.875 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

Tgt Ion: 117 Resp: 41187
Ion Ratio Lower Upper
117 100
201 67.1 36.3 108.9

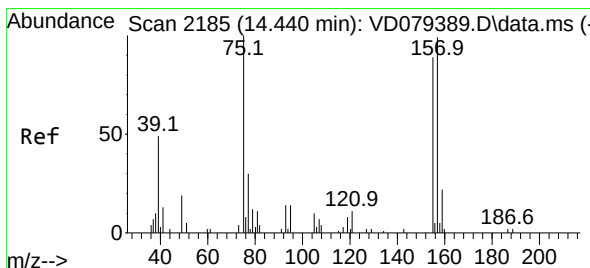
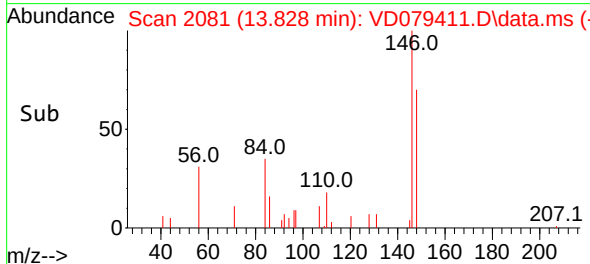
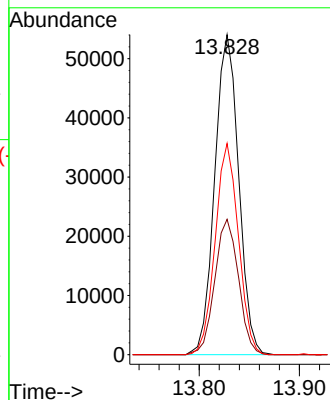
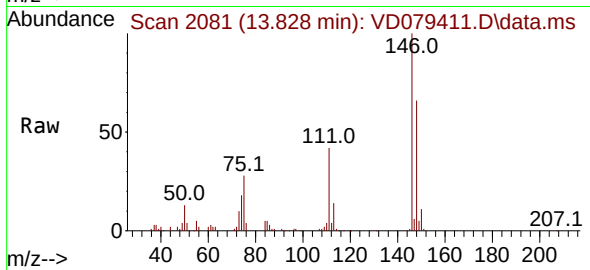




#91
1,2-Dichlorobenzene
Concen: 20.247 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

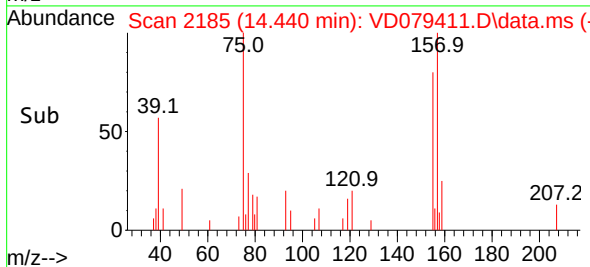
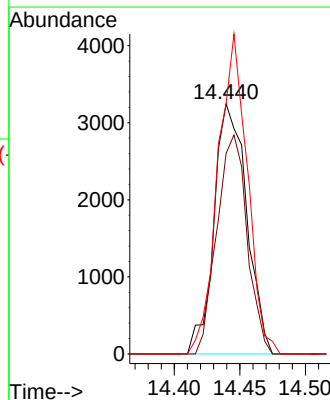
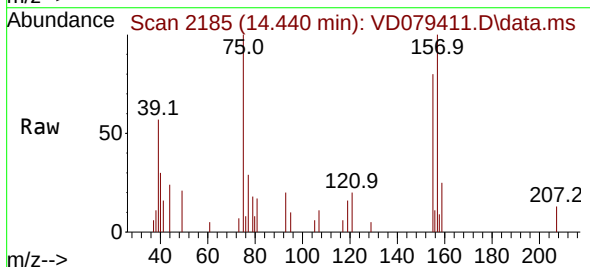
Instrument :
MSVOA_D
ClientSampleId :

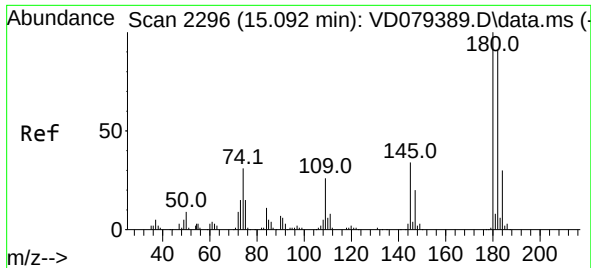
Tgt Ion:	146	Resp:	89497
Ion Ratio	Lower	Upper	
146	100		
111	42.0	19.1	57.1
148	64.1	31.1	93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.166 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

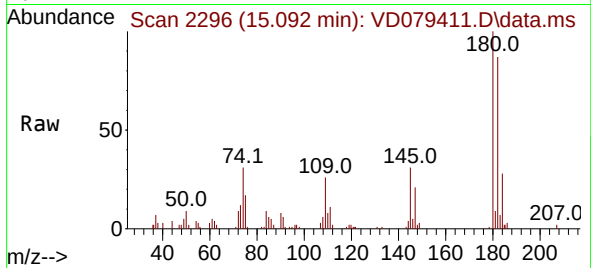
Tgt Ion:	75	Resp:	5601
Ion Ratio	Lower	Upper	
75	100		
155	81.1	47.7	143.1
157	115.9	63.4	190.2



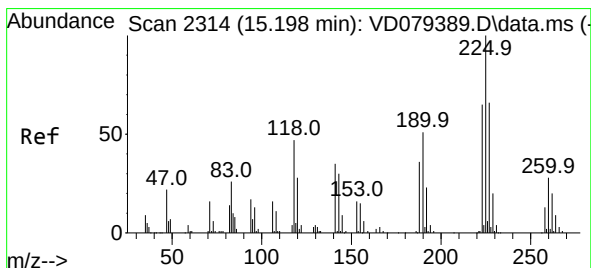
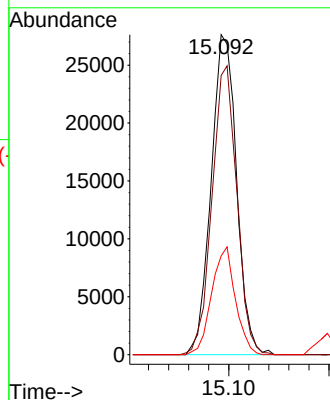
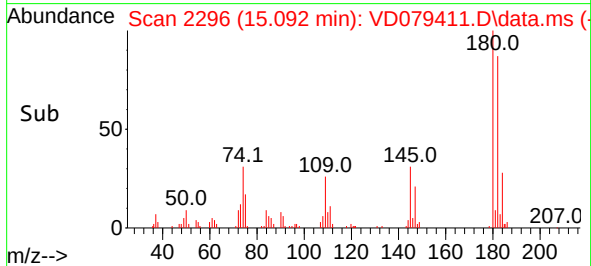


#93
1,2,4-Trichlorobenzene
Concen: 20.759 ug/l
RT: 15.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47

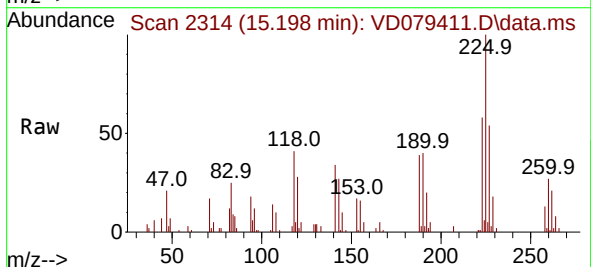
Instrument :
MSVOA_D
ClientSampleId :



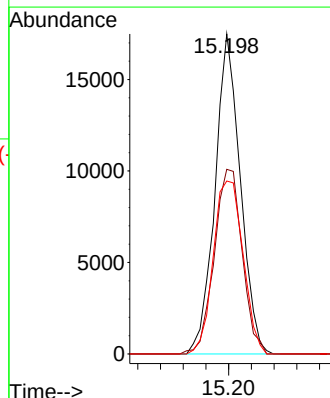
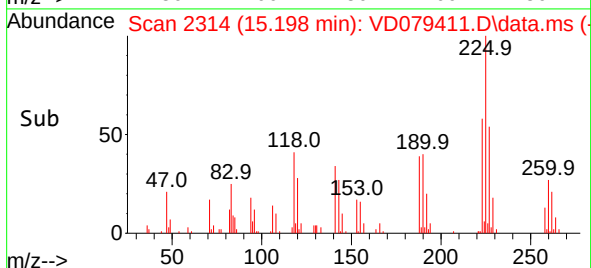
Tgt Ion:180 Resp: 48650
Ion Ratio Lower Upper
180 100
182 88.2 46.9 140.7
145 31.4 14.0 41.9

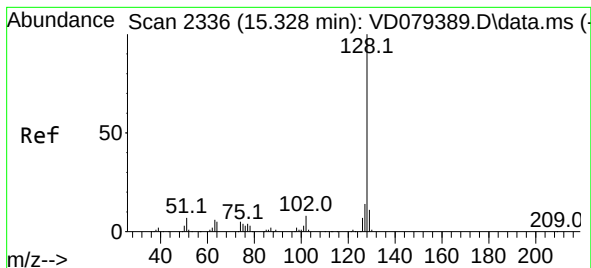


#94
Hexachlorobutadiene
Concen: 19.574 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.000 min
Lab File: VD079411.D
Acq: 26 Jul 2024 16:47



Tgt Ion:225 Resp: 27060
Ion Ratio Lower Upper
225 100
223 63.7 33.3 99.9
227 63.6 33.6 100.6





#95

Naphthalene

Concen: 19.655 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079411.D

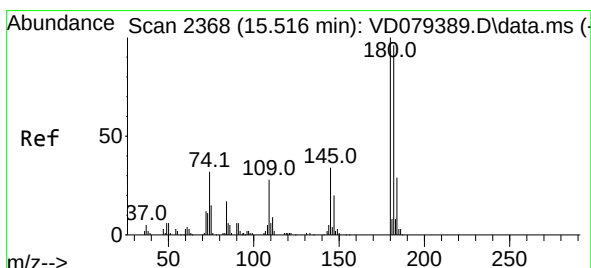
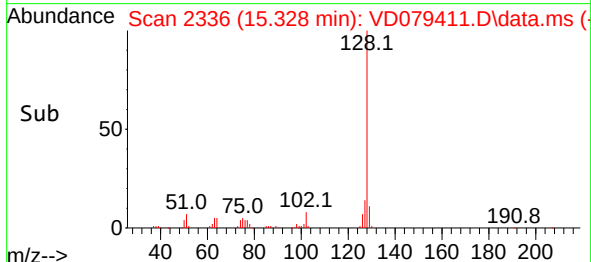
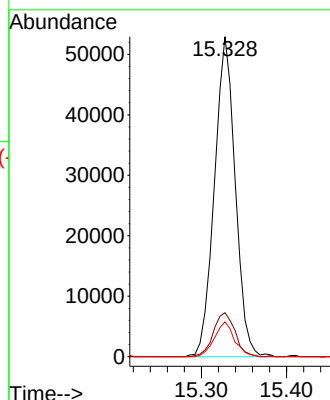
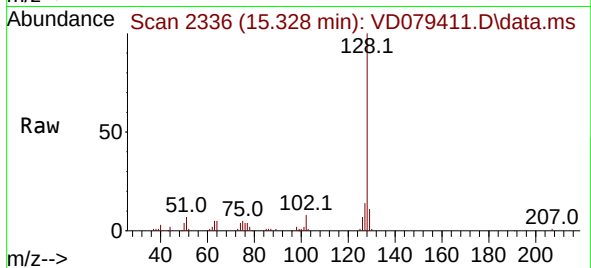
Acq: 26 Jul 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	90013
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.2 15.4
129	10.9	8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.870 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD079411.D

Acq: 26 Jul 2024 16:47

Tgt Ion:180	Resp:	41757
Ion Ratio	Lower	Upper
180	100	
182	95.0	47.8 143.3
145	37.7	16.1 48.2

