

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079938.D
 Acq On : 30 Sep 2024 15:53
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 01 05:05:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:04:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	125201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72010	50.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.040%	
35) Dibromofluoromethane	7.805	113	68814	52.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.269	98	268893	51.651	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.569	95	82323	54.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	61431	42.524	ug/l	100
3) Chloromethane	2.146	50	89696	39.369	ug/l	100
4) Vinyl Chloride	2.281	62	122676	42.231	ug/l	100
5) Bromomethane	2.687	94	104585	47.601	ug/l	100
6) Chloroethane	2.834	64	86463	42.772	ug/l	100
7) Trichlorofluoromethane	3.175	101	115435	43.235	ug/l	100
8) Diethyl Ether	3.593	74	32555	44.030	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	68727	44.483	ug/l	100
10) Methyl Iodide	4.164	142	74138	48.395	ug/l	100
11) Tert butyl alcohol	5.058	59	18061	254.707	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	69124	44.816	ug/l	100
13) Acrolein	3.793	56	33827	217.001	ug/l	100
14) Allyl chloride	4.564	41	86927	43.430	ug/l	100
15) Acrylonitrile	5.252	53	72609	220.850	ug/l	100
16) Acetone	4.022	43	70601	168.705	ug/l	100
17) Carbon Disulfide	4.269	76	225117	45.291	ug/l	100
18) Methyl Acetate	4.564	43	30199	27.002	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	150566	47.080	ug/l	100
20) Methylene Chloride	4.799	84	80069	38.644	ug/l	100
21) trans-1,2-Dichloroethene	5.311	96	79842	45.112	ug/l	100
22) Diisopropyl ether	6.216	45	201676	47.255	ug/l	100
23) Vinyl Acetate	6.158	43	595159	274.508	ug/l	100
24) 1,1-Dichloroethane	6.111	63	132331	44.978	ug/l	100
25) 2-Butanone	7.081	43	92575	187.046	ug/l	100
26) 2,2-Dichloropropane	7.075	77	111310	45.114	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	91677	47.900	ug/l	100
28) Bromochloromethane	7.422	49	63647	53.854	ug/l	100
29) Tetrahydrofuran	7.446	42	52754	228.452	ug/l	100
30) Chloroform	7.593	83	143415	47.512	ug/l	100
31) Cyclohexane	7.875	56	103092	40.153	ug/l	100
32) 1,1,1-Trichloroethane	7.799	97	121578	46.769	ug/l	100
36) 1,1-Dichloropropene	8.010	75	99429	46.449	ug/l	100
37) Ethyl Acetate	7.169	43	37881	47.024	ug/l	100
38) Carbon Tetrachloride	7.987	117	106169	49.515	ug/l	100
39) Methylcyclohexane	9.275	83	116680	46.384	ug/l	100
40) Benzene	8.252	78	302754	49.322	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22701	51.382	ug/l	100
42) 1,2-Dichloroethane	8.322	62	83496	51.916	ug/l	100
43) Isopropyl Acetate	8.363	43	77868	52.209	ug/l	100
44) Trichloroethene	9.028	130	75647	48.122	ug/l	100
45) 1,2-Dichloropropane	9.305	63	74128	48.795	ug/l	100
46) Dibromomethane	9.393	93	44882	52.635	ug/l	100
47) Bromodichloromethane	9.587	83	110478	51.976	ug/l	100
48) Methyl methacrylate	9.381	41	36177	43.431	ug/l	100
49) 1,4-Dioxane	9.387	88	7976	974.794	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	208133	265.445	ug/l	100
52) Toluene	10.334	92	194017	49.812	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	98688	50.744	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	114464	49.476	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	54574	48.824	ug/l	100
56) Ethyl methacrylate	10.599	69	73685	73.394	ug/l	100
57) 1,3-Dichloropropane	10.875	76	96202	50.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	155380	279.163	ug/l	100
59) 2-Hexanone	10.922	43	147451	233.058	ug/l	100
60) Dibromochloromethane	11.075	129	76116	56.178	ug/l	100
61) 1,2-Dibromoethane	11.175	107	53525	51.675	ug/l	100
64) Tetrachloroethene	10.810	164	66945	52.732	ug/l	100
65) Chlorobenzene	11.604	112	212413	50.192	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	74119	49.367	ug/l	100
67) Ethyl Benzene	11.681	91	378570	49.484	ug/l	100
68) m/p-Xylenes	11.793	106	293581	100.202	ug/l	100
69) o-Xylene	12.122	106	134832	50.824	ug/l	100
70) Styrene	12.134	104	243263	59.138	ug/l	100
71) Bromoform	12.298	173	43804	56.763	ug/l #	100
73) Isopropylbenzene	12.422	105	345407	43.352	ug/l	100
74) N-amyl acetate	12.228	43	79615	50.765	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.669	83	65480	44.026	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	85553	88.016	ug/l #	100
77) Bromobenzene	12.698	156	87385	48.954	ug/l	100
78) n-propylbenzene	12.763	91	442515	44.593	ug/l	100
79) 2-Chlorotoluene	12.845	91	245923	46.007	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	295723	44.543	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	23196	50.098	ug/l	100
82) 4-Chlorotoluene	12.945	91	261346	46.272	ug/l	100
83) tert-Butylbenzene	13.163	119	244107	44.154	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	310651	46.041	ug/l	100
85) sec-Butylbenzene	13.340	105	384512	45.515	ug/l	100
86) p-Isopropyltoluene	13.457	119	325855	44.590	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	178082	48.165	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	174759	47.779	ug/l	100
89) n-Butylbenzene	13.787	91	309192	43.642	ug/l	100
90) Hexachloroethane	14.051	117	67536	46.526	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	155911	49.925	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	10201	47.031	ug/l	100
93) 1,2,4-Trichlorobenzene	15.092	180	96164	49.736	ug/l	100
94) Hexachlorobutadiene	15.198	225	50790	53.661	ug/l	100
95) Naphthalene	15.328	128	174323	48.740	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	84296	51.708	ug/l	100

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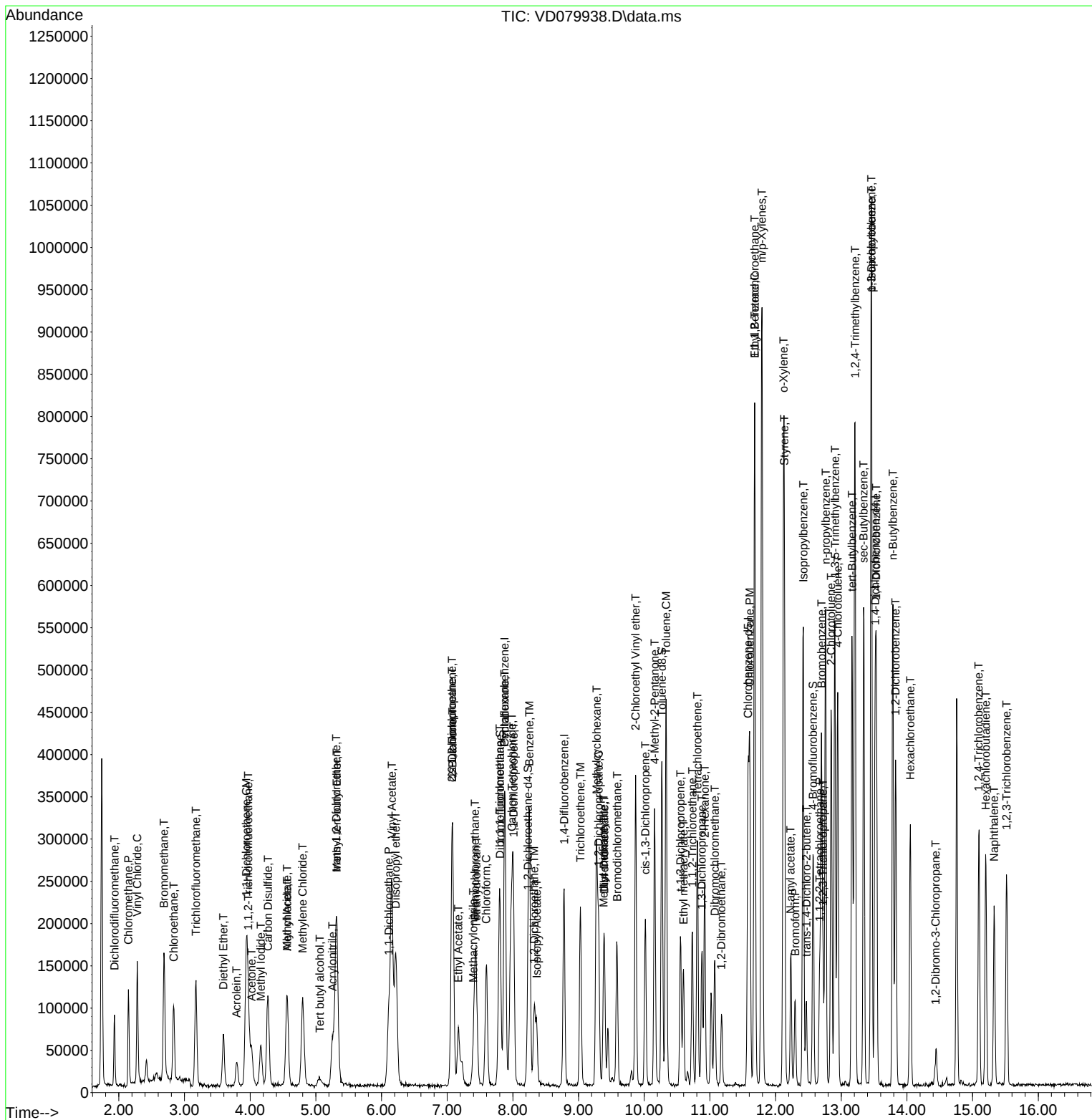
Instrument :
MSVOA_D
ClientSampleId :

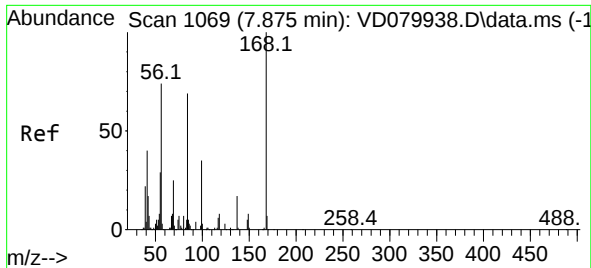
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Quant Title : SW846 8260
QLast Update : Tue Oct 01 05:04:24 2024
Response via : Initial Calibration

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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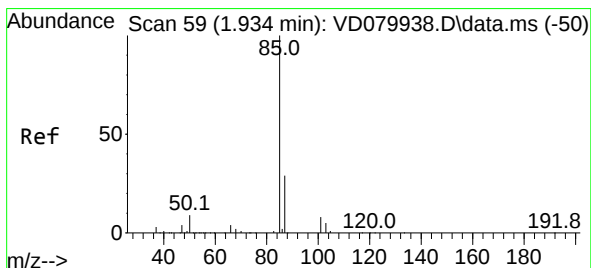
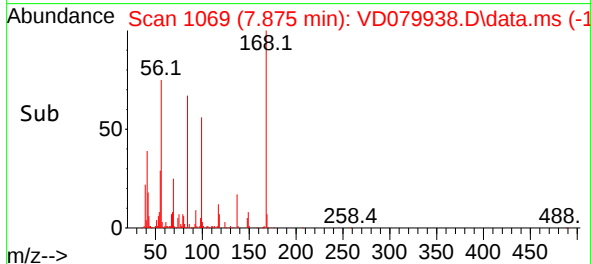
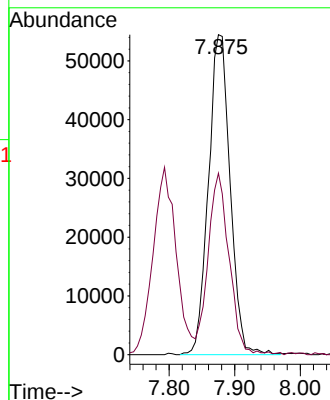
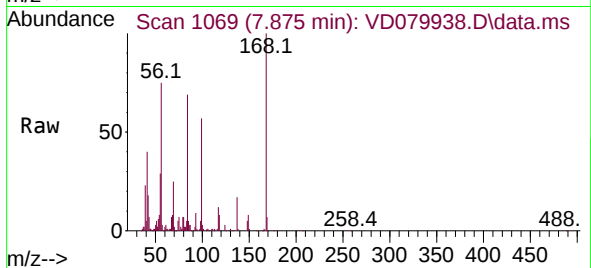




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

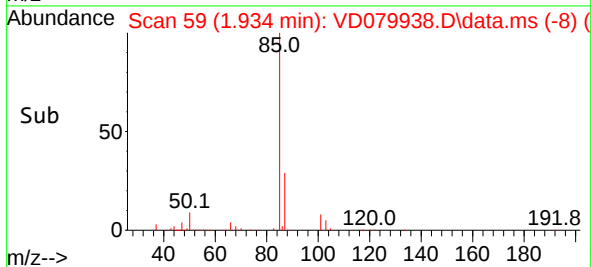
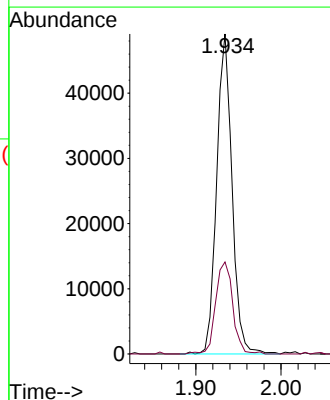
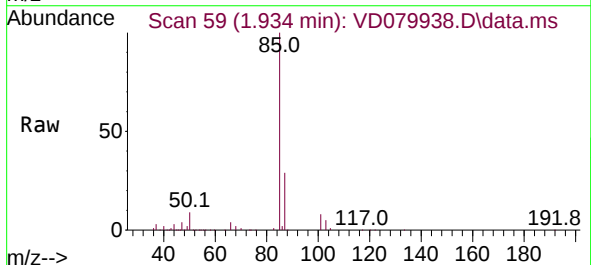
Instrument :
MSVOA_D
ClientSampleId :

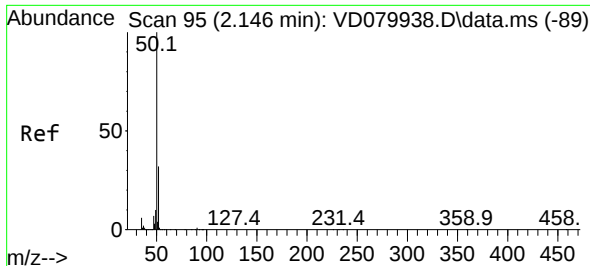
Tgt Ion:168 Resp: 125201
Ion Ratio Lower Upper
168 100
99 56.0 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 42.524 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 85 Resp: 61431
Ion Ratio Lower Upper
85 100
87 28.8 14.4 43.2

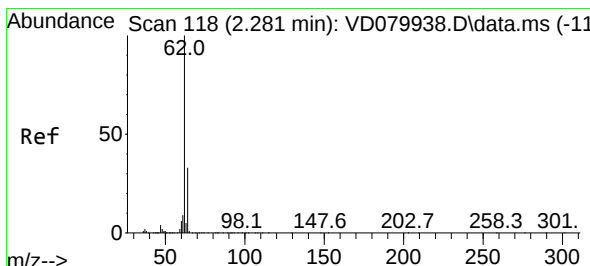
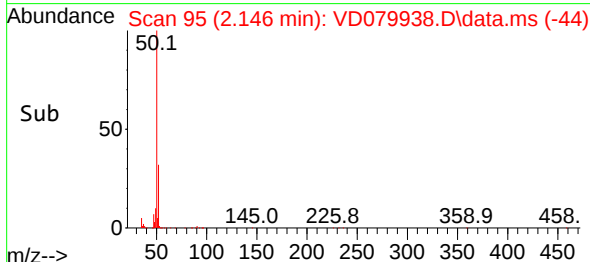
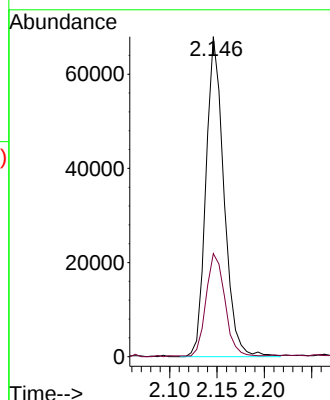
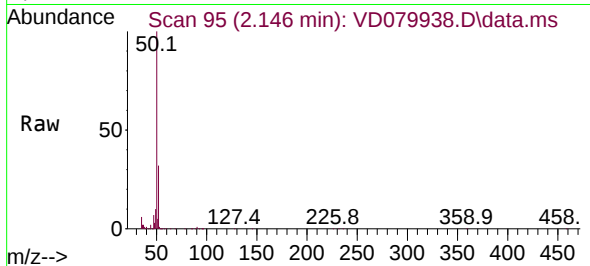




#3
Chloromethane
Concen: 39.369 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

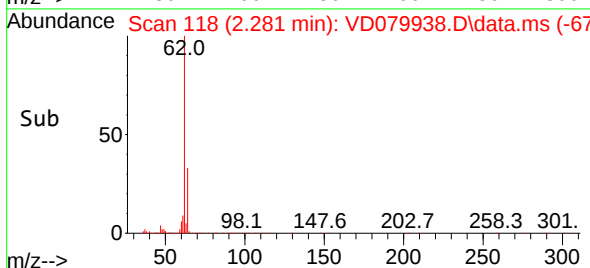
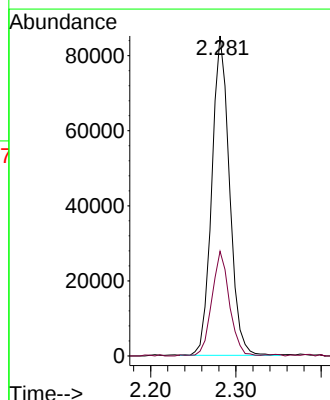
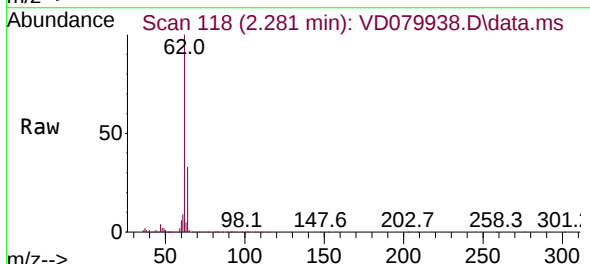
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MSVOA_D
ClientSampleId :

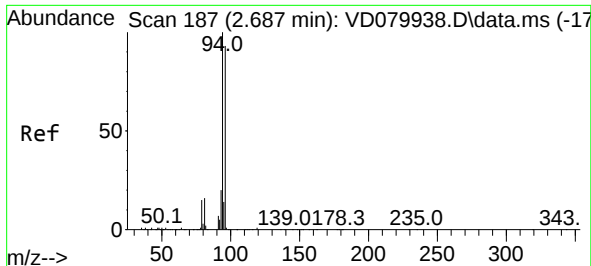
Tgt Ion: 50 Resp: 89696
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 42.231 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 62 Resp: 122676
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

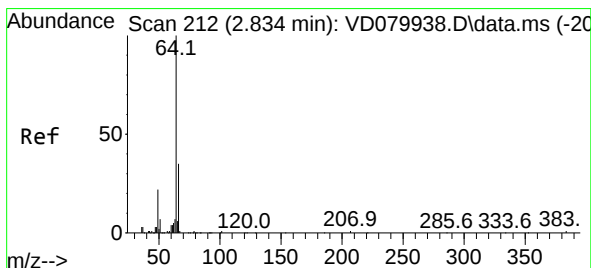
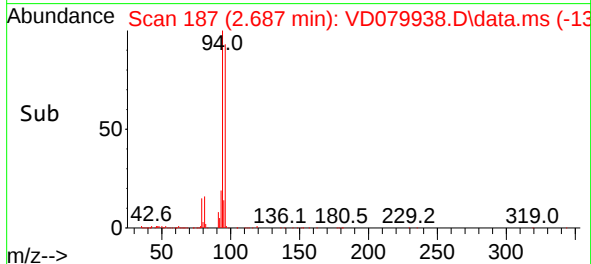
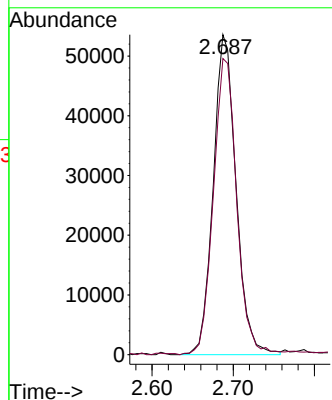
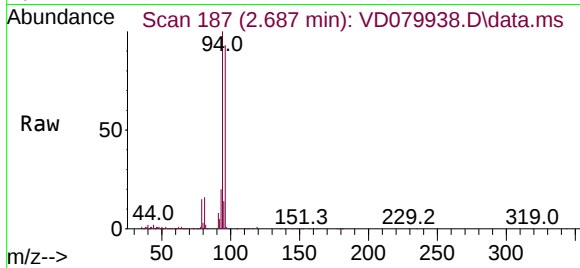




#5
Bromomethane
Concen: 47.601 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

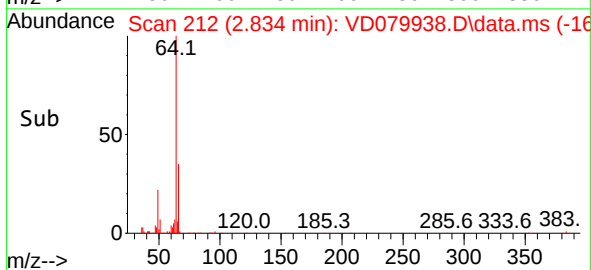
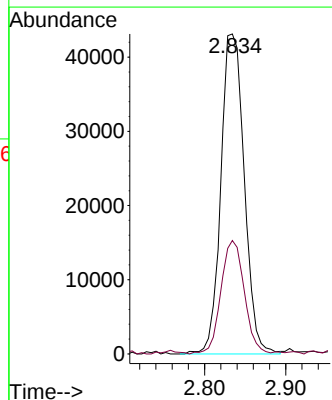
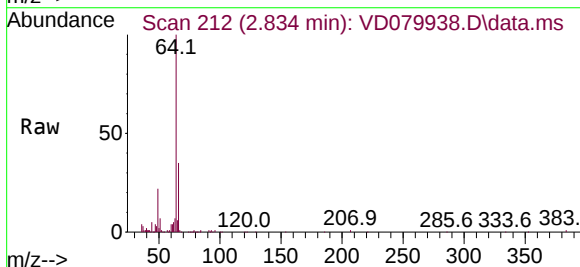
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ClientSampleId :

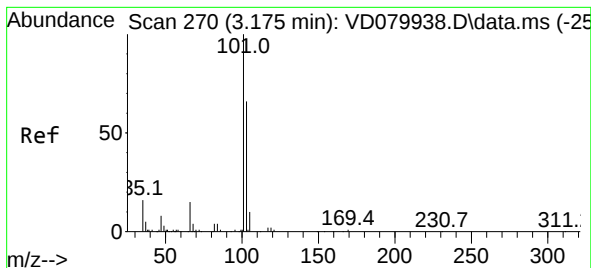
Tgt Ion: 94 Resp: 104585
Ion Ratio Lower Upper
94 100
96 94.9 75.9 113.9



#6
Chloroethane
Concen: 42.772 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 64 Resp: 86463
Ion Ratio Lower Upper
64 100
66 35.0 28.0 42.0





#7

Trichlorofluoromethane

Concen: 43.235 ug/l

RT: 3.175 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

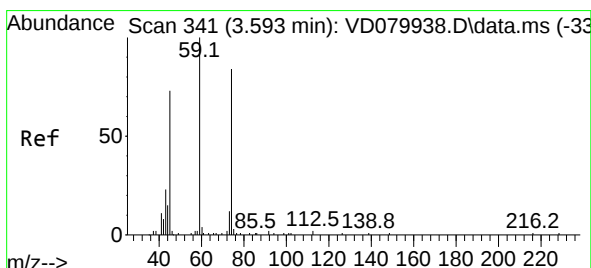
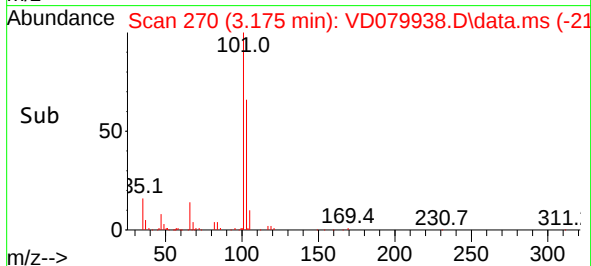
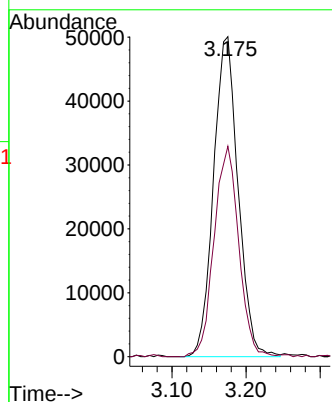
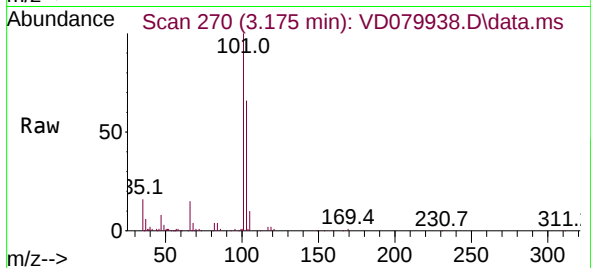
ClientSampleId :

Tgt Ion:101 Resp: 115435

Ion Ratio Lower Upper

101 100

103 65.8 52.6 79.0



#8

Diethyl Ether

Concen: 44.030 ug/l

RT: 3.593 min Scan# 341

Delta R.T. 0.000 min

Lab File: VD079938.D

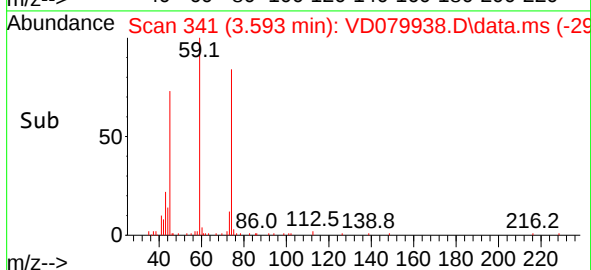
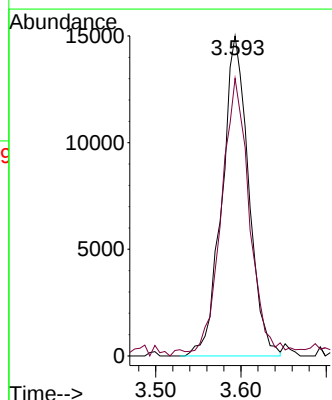
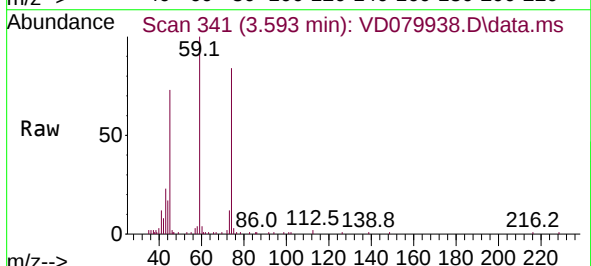
Acq: 30 Sep 2024 15:53

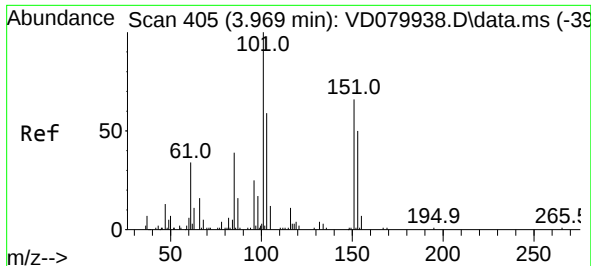
Tgt Ion: 74 Resp: 32555

Ion Ratio Lower Upper

74 100

45 88.0 44.0 132.0

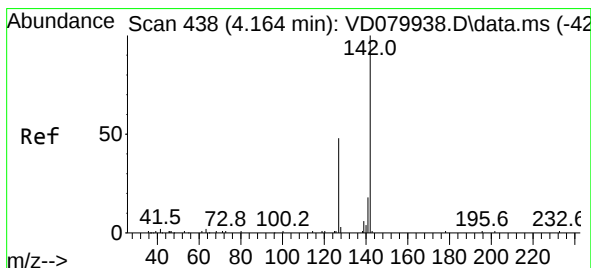
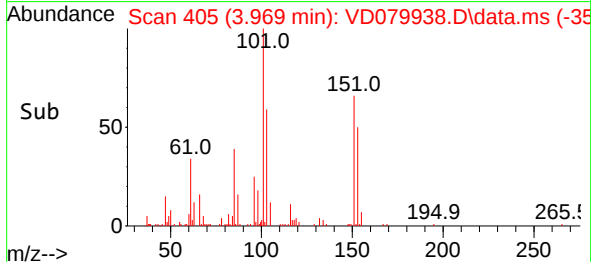
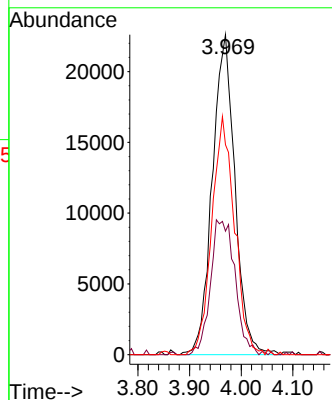
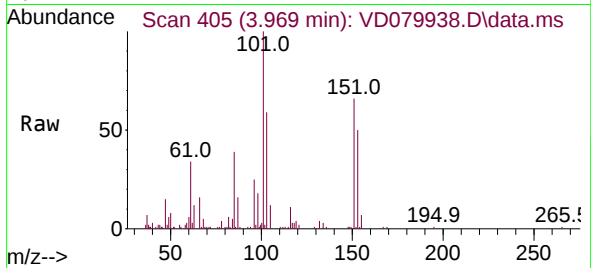




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.483 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

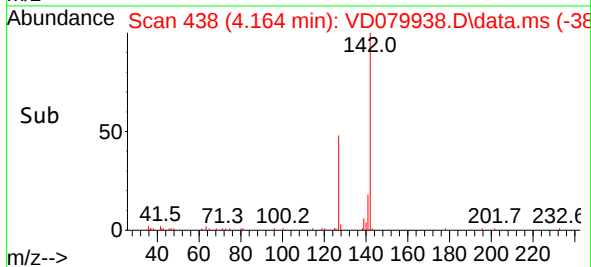
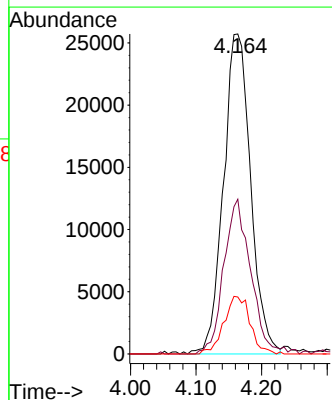
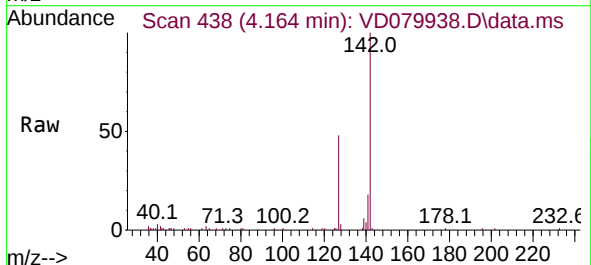
Instrument :
MSVOA_D
ClientSampleId :

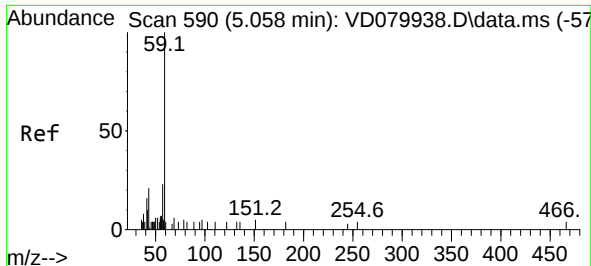
Tgt Ion:101 Resp: 68727
Ion Ratio Lower Upper
101 100
85 45.5 36.4 54.6
151 74.8 59.8 89.8



#10
Methyl Iodide
Concen: 48.395 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

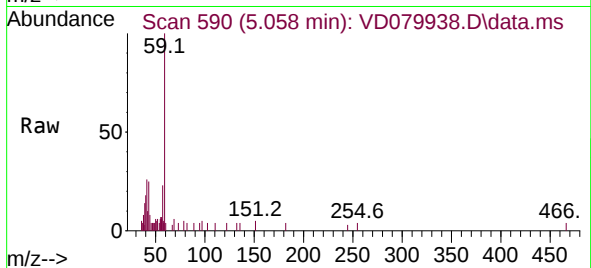
Tgt Ion:142 Resp: 74138
Ion Ratio Lower Upper
142 100
127 48.1 38.5 57.7
141 17.4 13.9 20.9



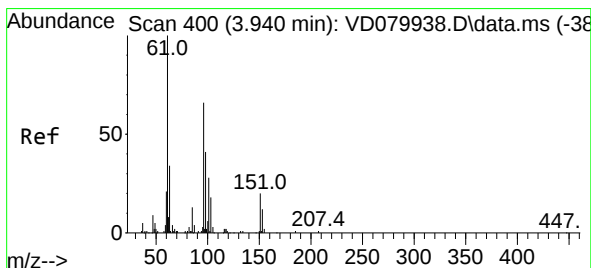
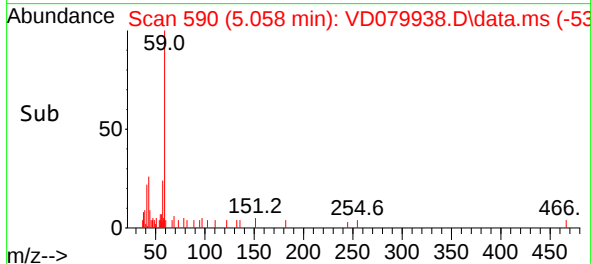
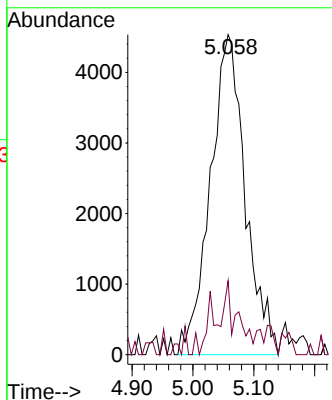


#11
Tert butyl alcohol
Concen: 254.707 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Instrument :
MSVOA_D
ClientSampleId :

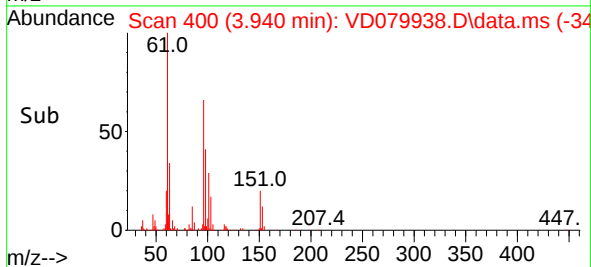
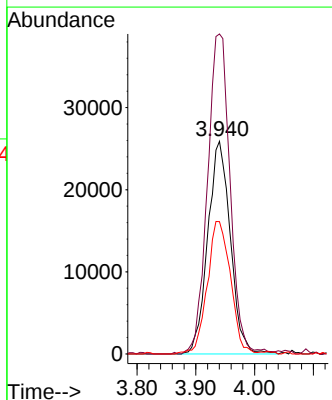
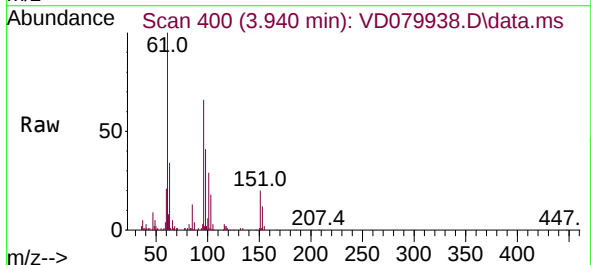


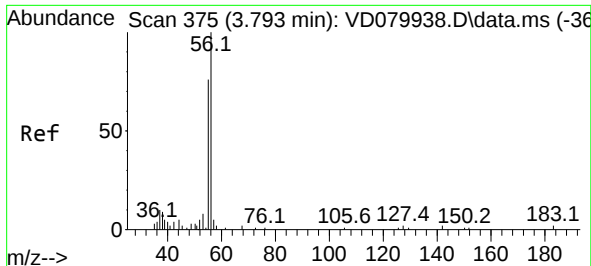
Tgt Ion: 59 Resp: 18061
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 44.816 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 96 Resp: 69124
Ion Ratio Lower Upper
96 100
61 150.4 120.3 180.5
98 62.2 49.8 74.6

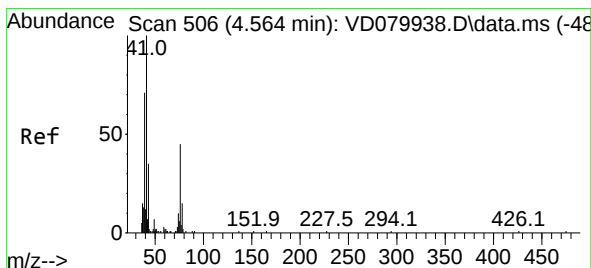
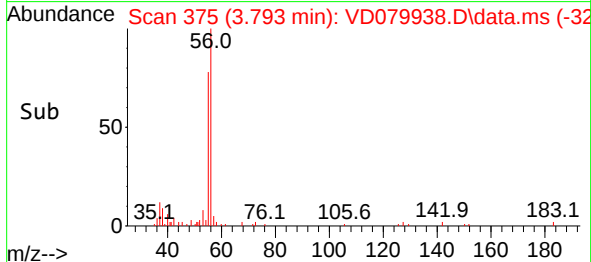
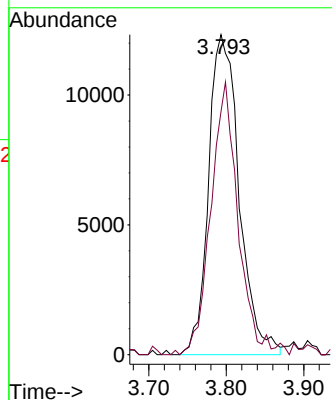
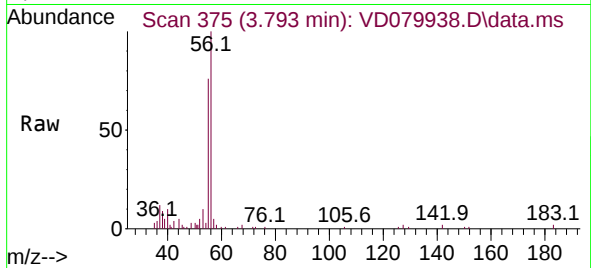




#13
Acrolein
Concen: 217.001 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

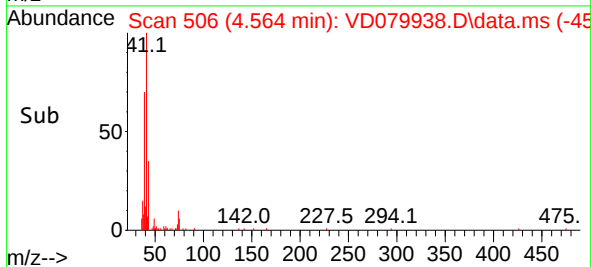
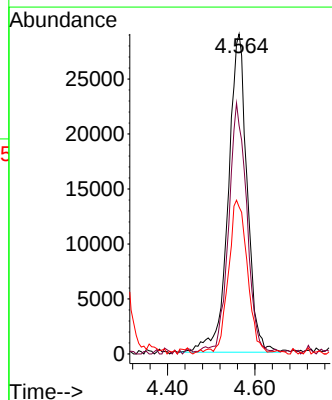
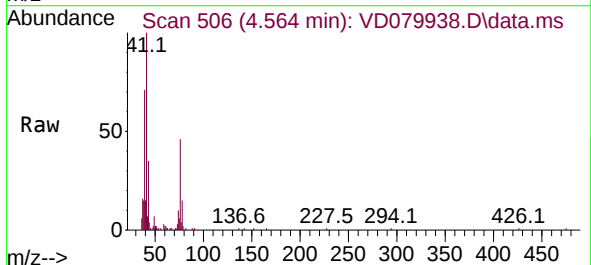
Instrument :
MSVOA_D
ClientSampleId :

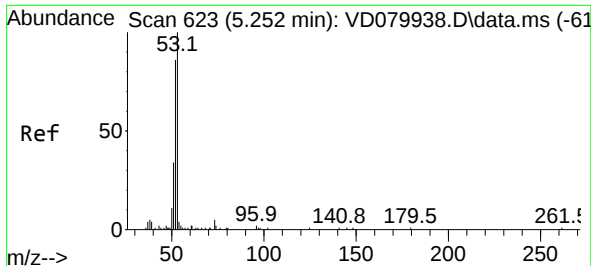
Tgt Ion: 56 Resp: 33827
Ion Ratio Lower Upper
56 100
55 75.4 60.3 90.5



#14
Allyl chloride
Concen: 43.430 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 41 Resp: 86927
Ion Ratio Lower Upper
41 100
39 72.6 58.1 87.1
76 49.4 39.5 59.3

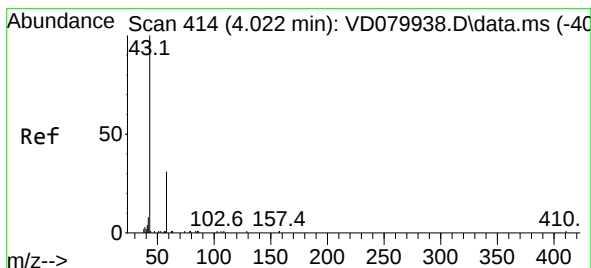
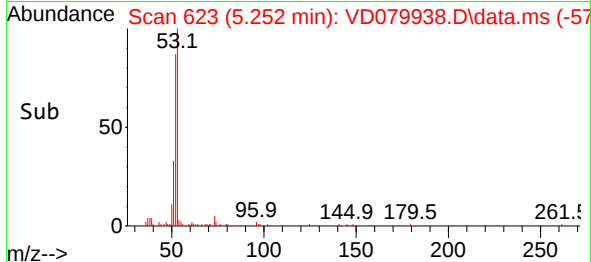
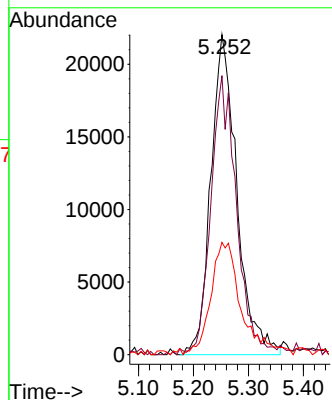
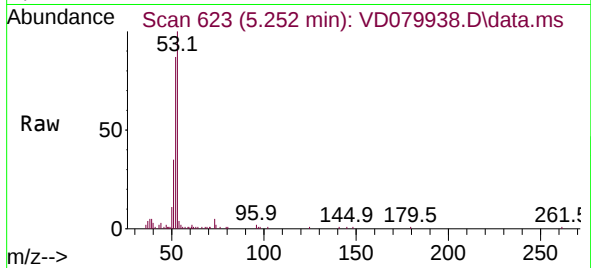




#15
Acrylonitrile
Concen: 220.850 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

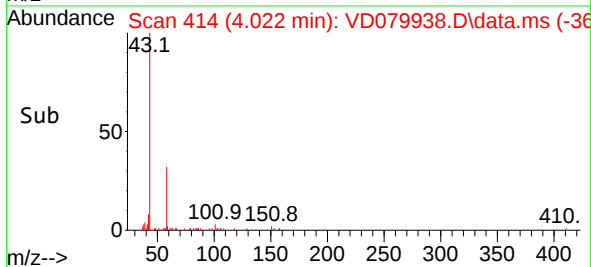
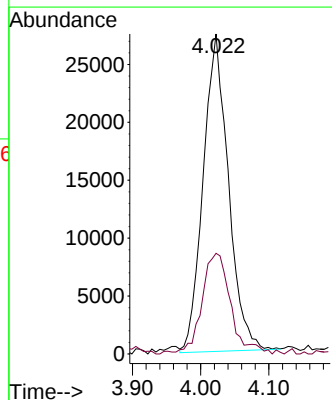
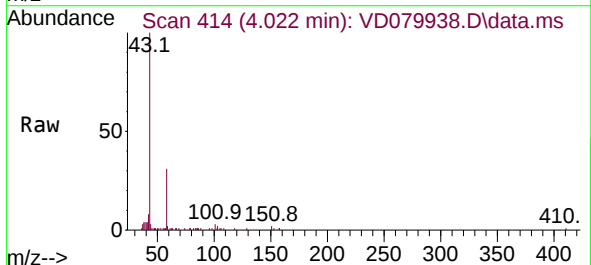
Instrument :
MSVOA_D
ClientSampleId :

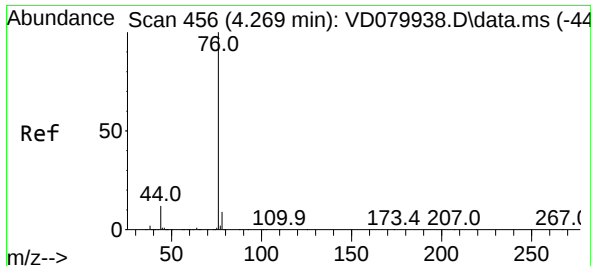
Tgt Ion: 53	Resp: 72609
Ion Ratio	Lower Upper
53 100	
52 86.1	68.9 103.3
51 40.9	32.7 49.1



#16
Acetone
Concen: 168.705 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 43	Resp: 70601
Ion Ratio	Lower Upper
43 100	
58 31.4	25.1 37.7

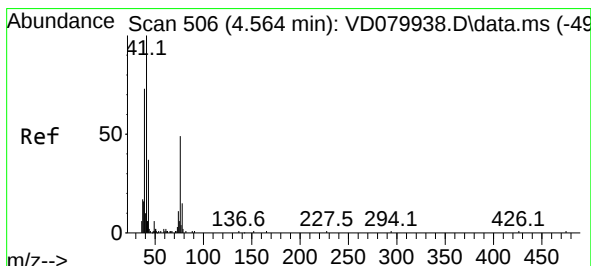
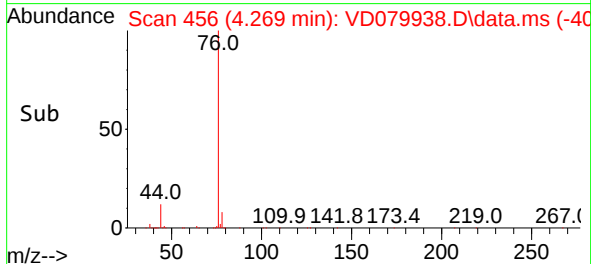
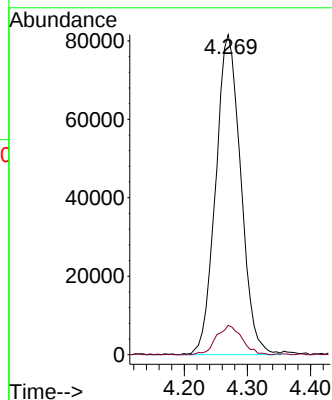
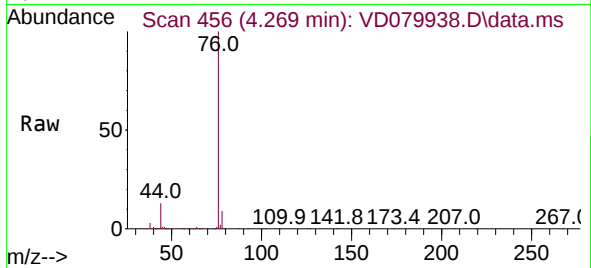




#17
Carbon Disulfide
Concen: 45.291 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

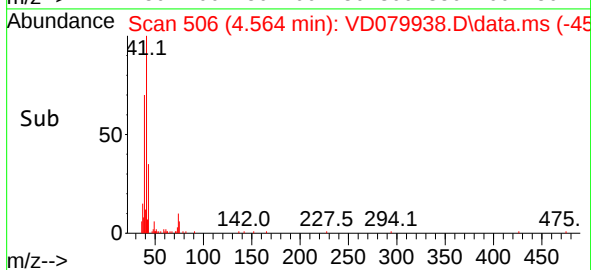
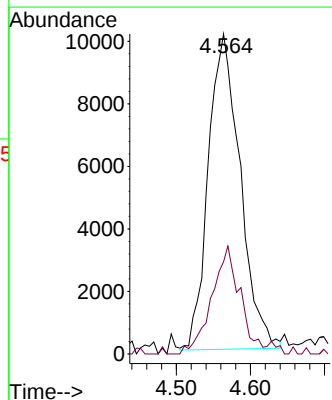
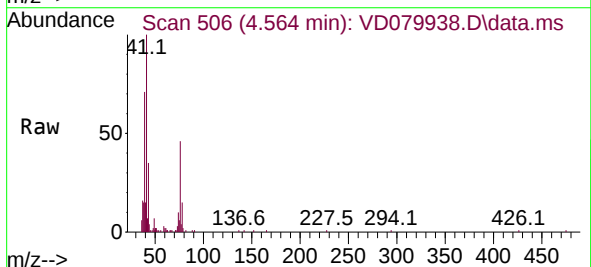
Instrument :
MSVOA_D
ClientSampleId :

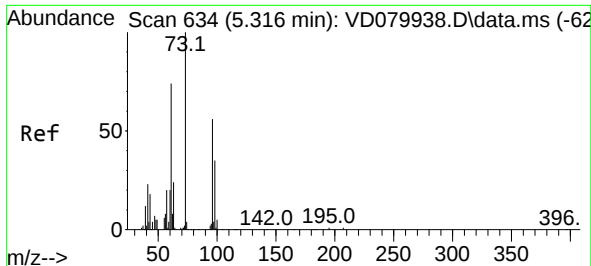
Tgt Ion: 76 Resp: 225117
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 27.002 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 43 Resp: 30199
Ion Ratio Lower Upper
43 100
74 30.4 24.3 36.5





#19

Methyl tert-butyl Ether

Concen: 47.080 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

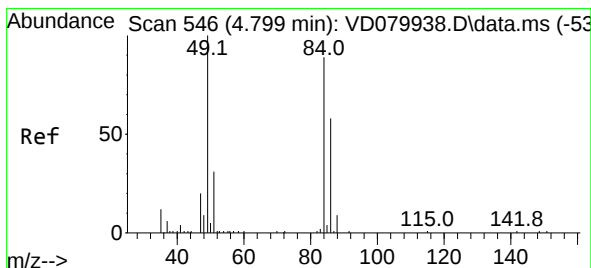
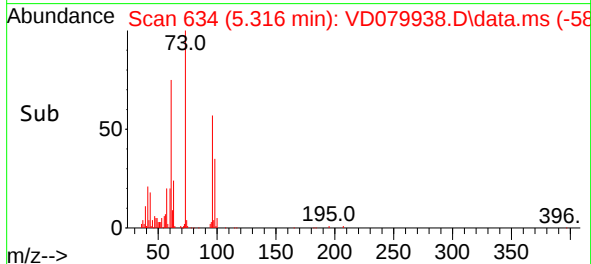
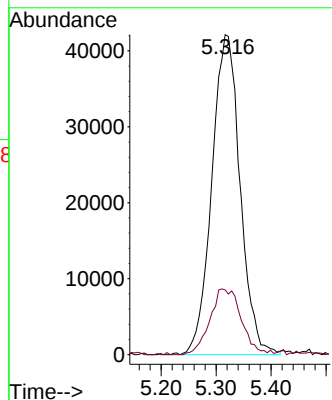
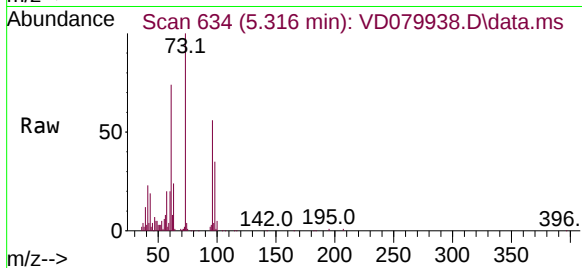
ClientSampleId :

Tgt Ion: 73 Resp: 150566

Ion Ratio Lower Upper

73 100

57 20.3 16.2 24.4



#20

Methylene Chloride

Concen: 38.644 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Tgt Ion: 84 Resp: 80069

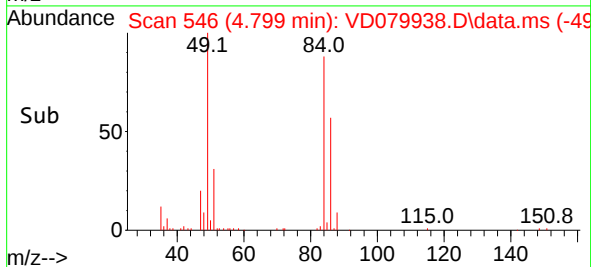
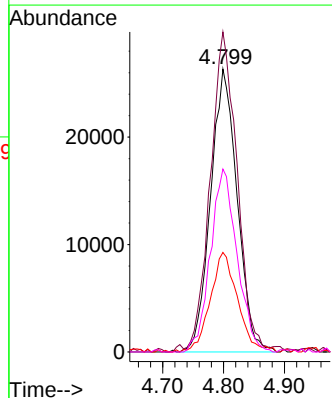
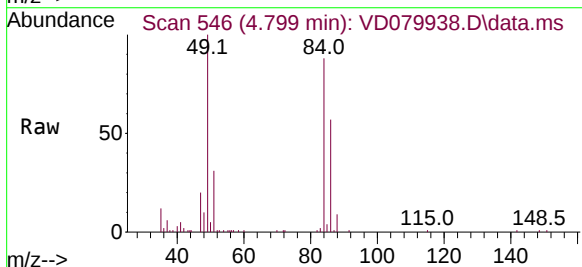
Ion Ratio Lower Upper

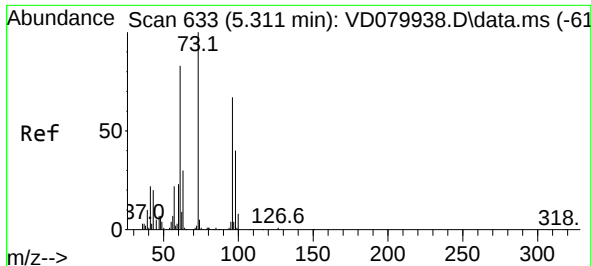
84 100

49 111.2 89.0 133.4

51 35.2 28.2 42.2

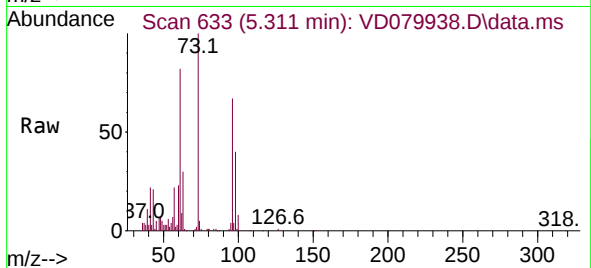
86 64.7 51.8 77.6



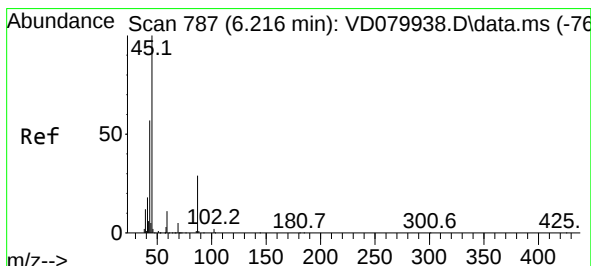
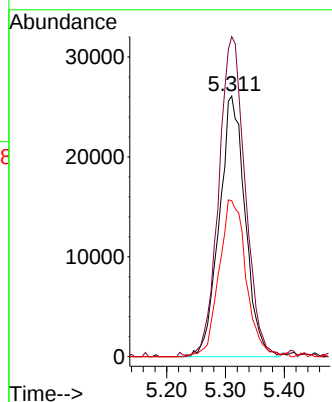
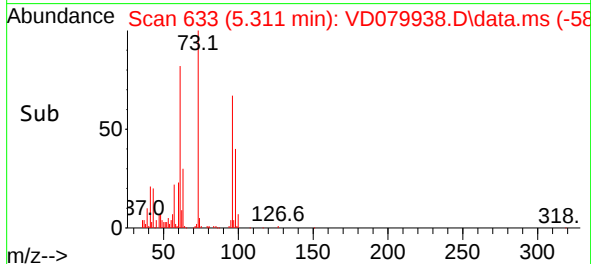


#21
trans-1,2-Dichloroethene
Concen: 45.112 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Instrument :
MSVOA_D
ClientSampleId :

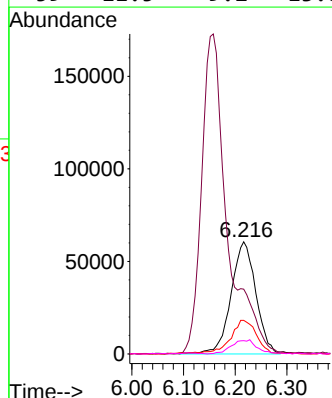
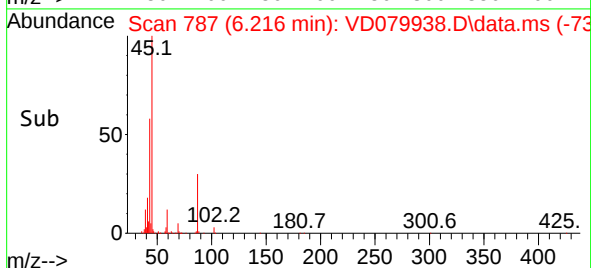
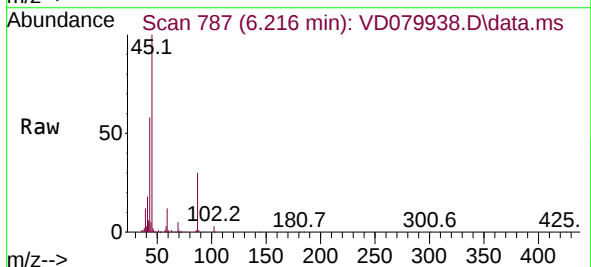


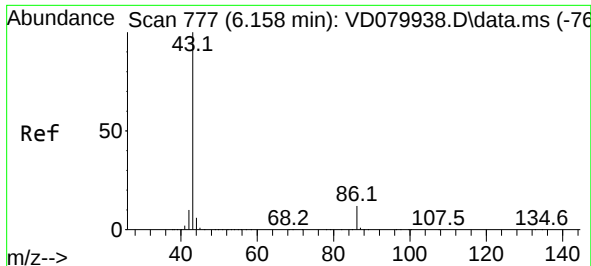
Tgt Ion: 96 Resp: 79842
Ion Ratio Lower Upper
96 100
61 121.9 97.5 146.3
98 59.8 47.8 71.8



#22
Diisopropyl ether
Concen: 47.255 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 45 Resp: 201676
Ion Ratio Lower Upper
45 100
43 56.9 45.5 68.3
87 29.2 23.4 35.0
59 11.5 9.2 13.8

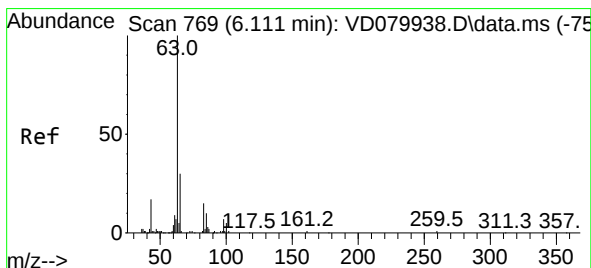
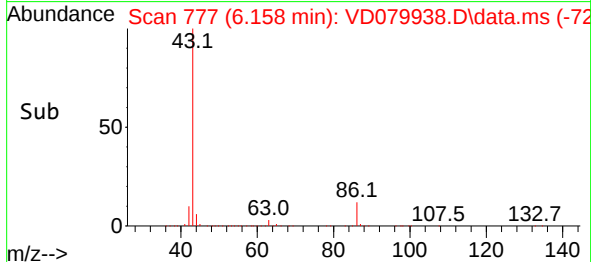
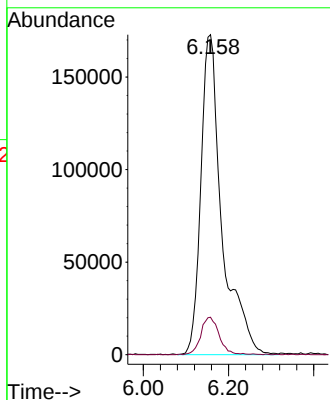
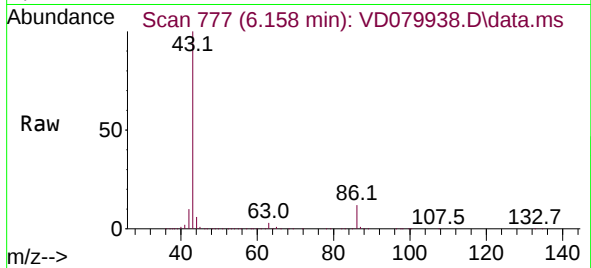




#23
 Vinyl Acetate
 Concen: 274.508 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

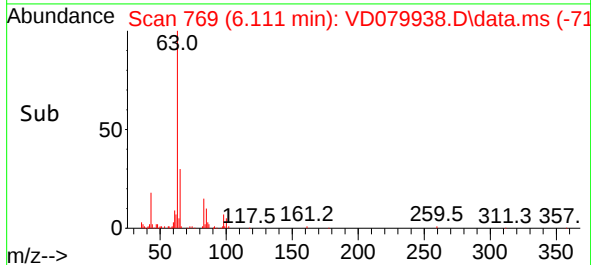
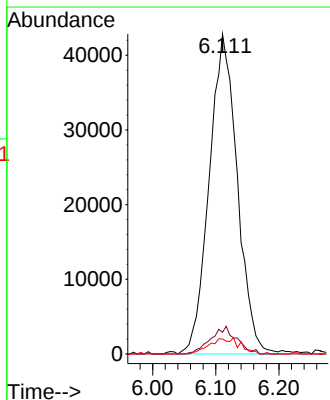
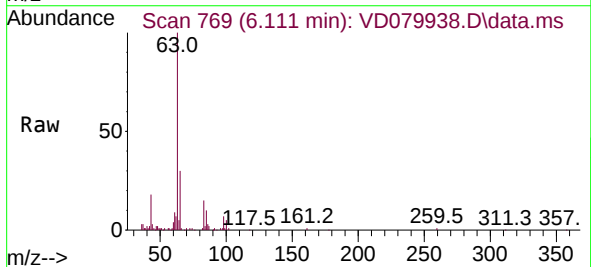
Instrument :
 MSVOA_D
 ClientSampleId :

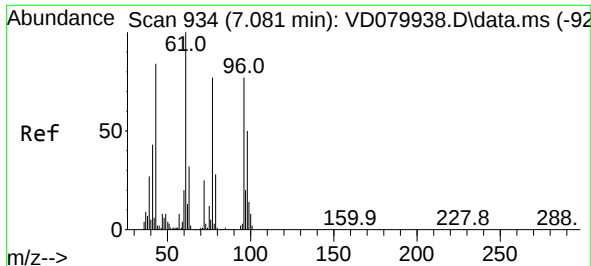
Tgt Ion: 43 Resp: 595159
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 44.978 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

Tgt Ion: 63 Resp: 132331
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.7 2.4 7.1

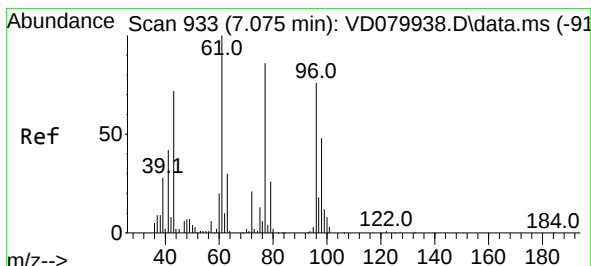
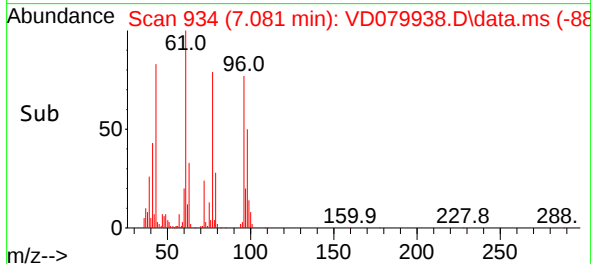
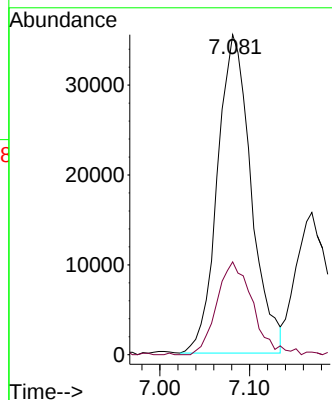
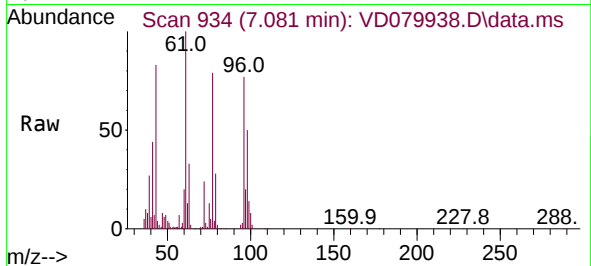




#25
2-Butanone
Concen: 187.046 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

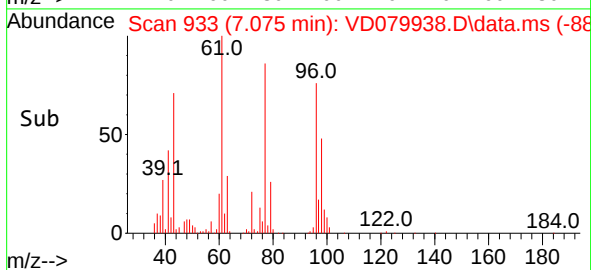
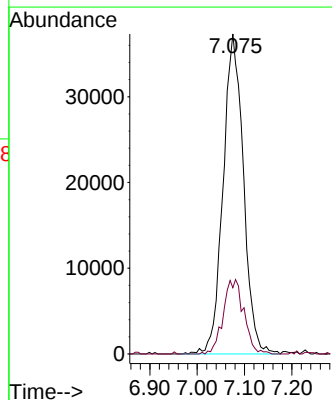
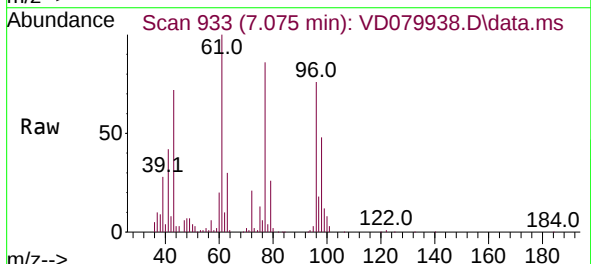
Instrument :
MSVOA_D
ClientSampleId :

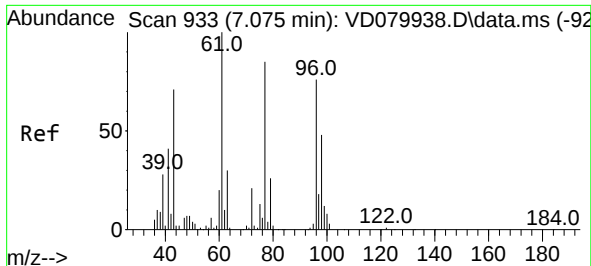
Tgt Ion: 43 Resp: 92575
Ion Ratio Lower Upper
43 100
72 29.2 23.4 35.0



#26
2,2-Dichloropropane
Concen: 45.114 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 77 Resp: 111310
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.4



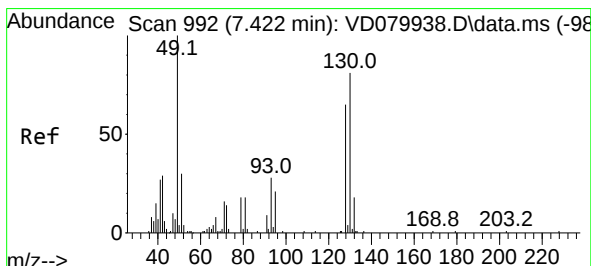
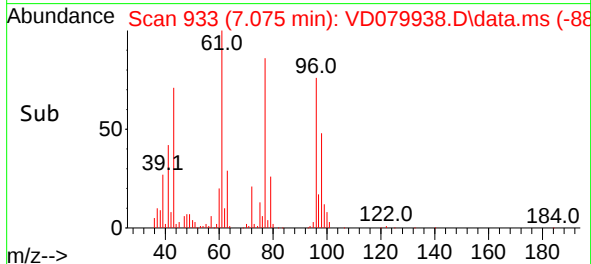
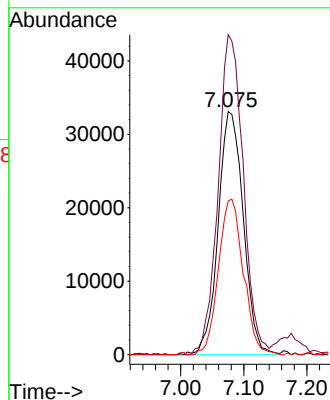
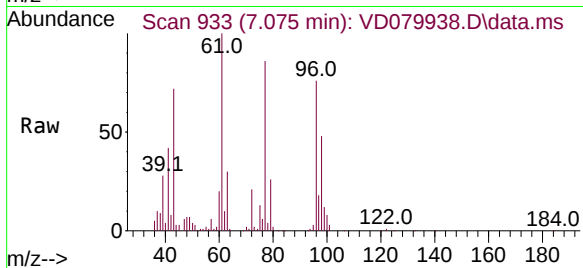


#27
 cis-1,2-Dichloroethene
 Concen: 47.900 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 91677

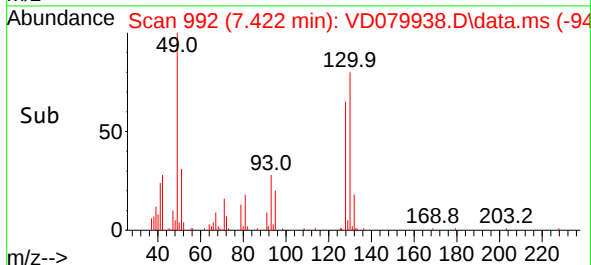
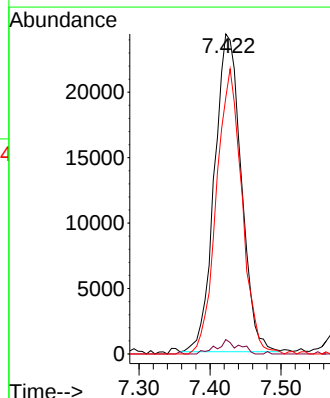
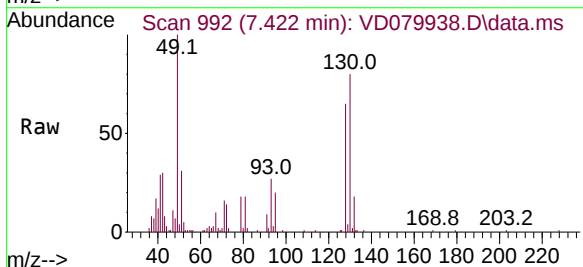
Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	262.6
98	63.3	0.0	126.6

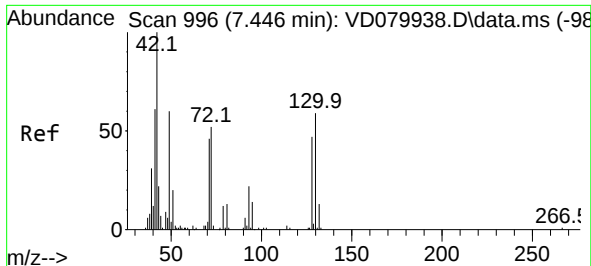


#28
 Bromochloromethane
 Concen: 53.854 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

Tgt Ion: 49 Resp: 63647

Ion	Ratio	Lower	Upper
49	100		
129	3.7	0.0	7.4
130	85.4	68.3	102.5





#29

Tetrahydrofuran

Concen: 228.452 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

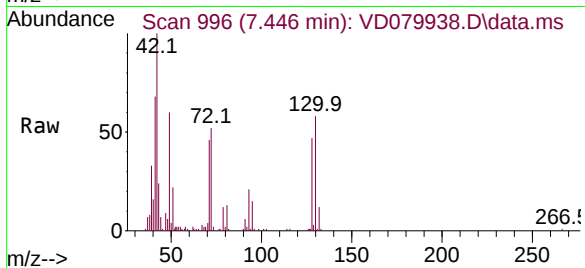
Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

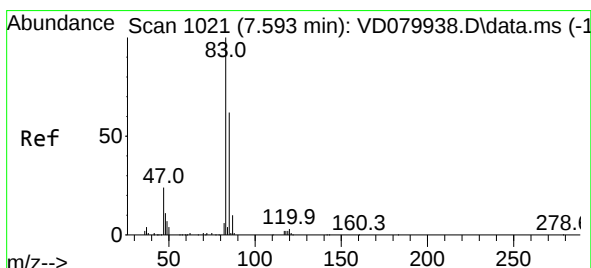
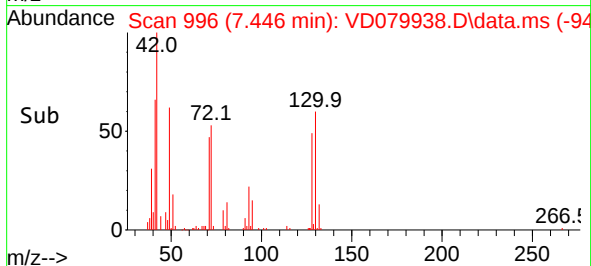
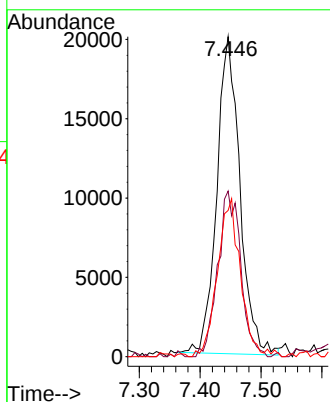
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	52754
Ion Ratio	100	Lower	Upper
72	51.8	41.4	62.2
71	49.1	39.3	58.9



#30

Chloroform

Concen: 47.512 ug/l

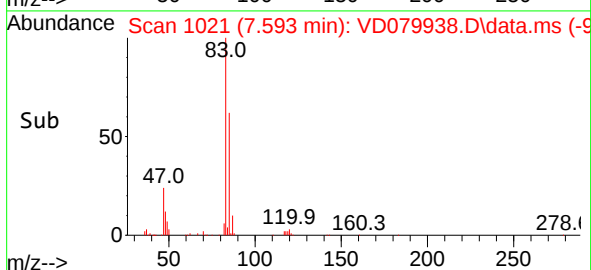
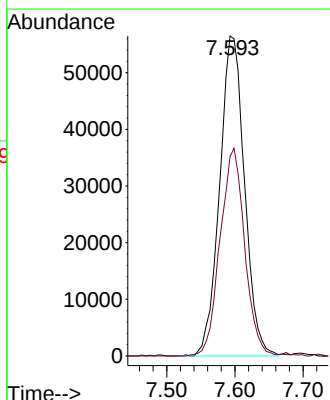
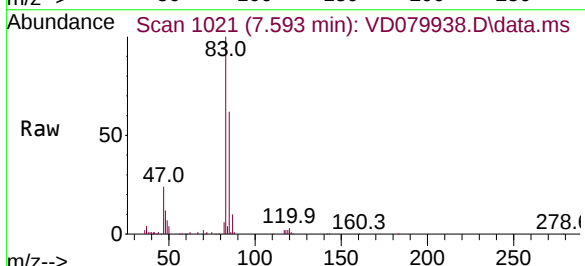
RT: 7.593 min Scan# 1021

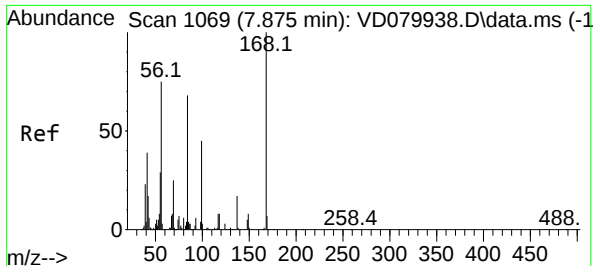
Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Tgt Ion:	83	Resp:	143415
Ion Ratio	100	Lower	Upper
85	62.3	49.8	74.8





#31

Cyclohexane

Concen: 40.153 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

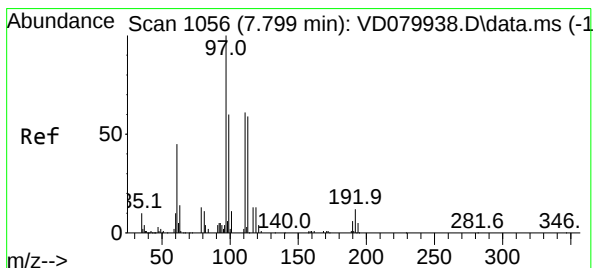
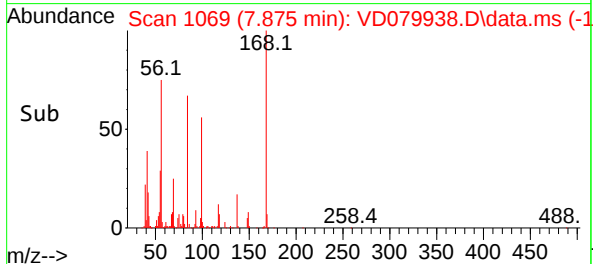
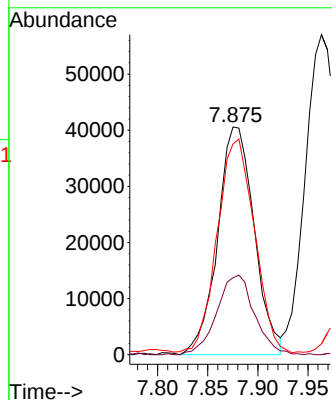
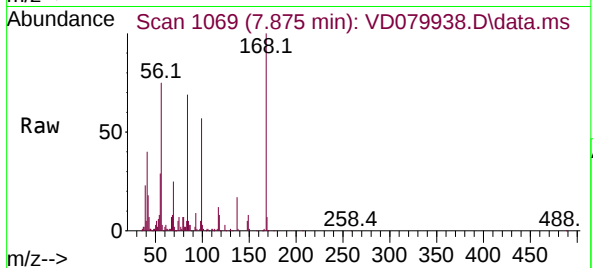
Tgt Ion: 56 Resp: 103092

Ion Ratio Lower Upper

56 100

69 33.8 27.0 40.6

84 91.1 72.9 109.3



#32

1,1,1-Trichloroethane

Concen: 46.769 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

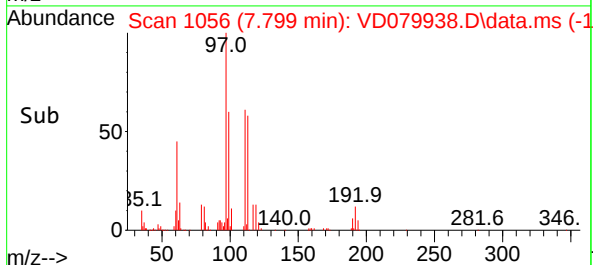
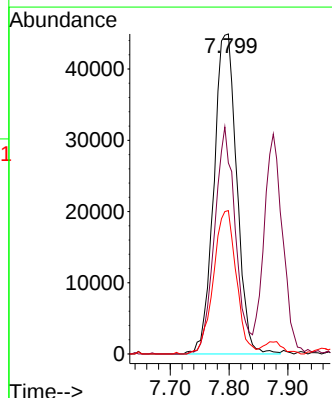
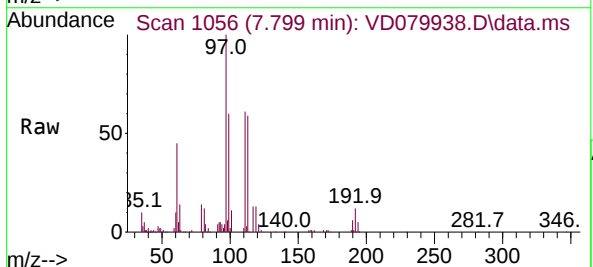
Tgt Ion: 97 Resp: 121578

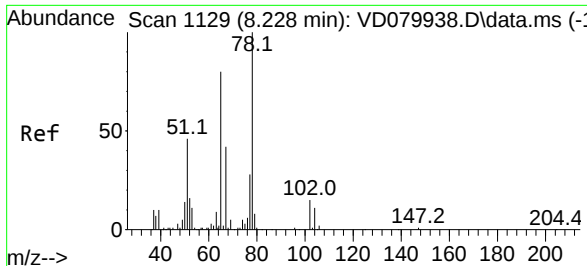
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 44.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.516 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

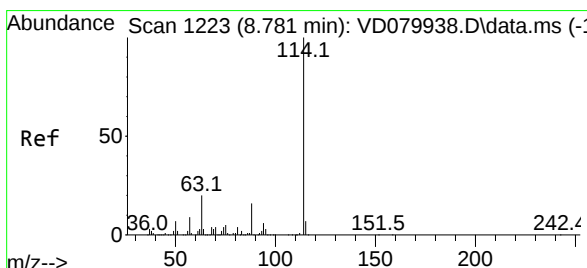
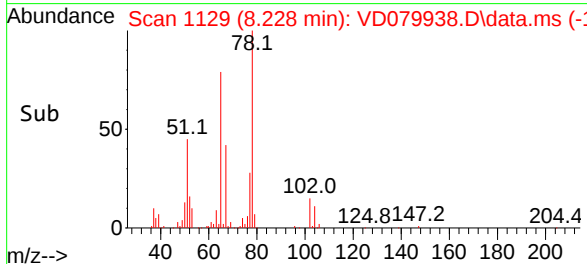
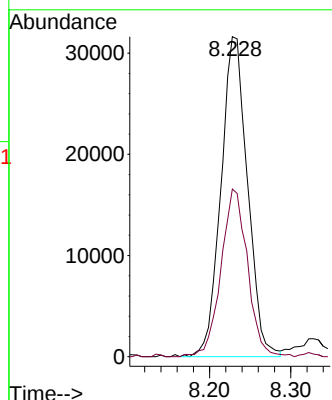
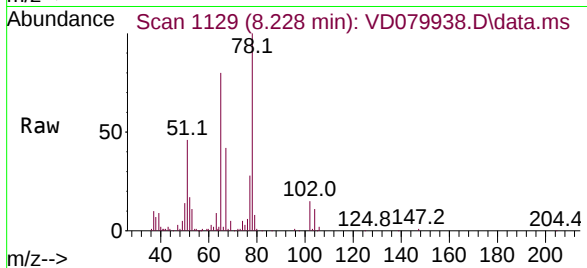
ClientSampleId :

Tgt Ion: 65 Resp: 72010

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

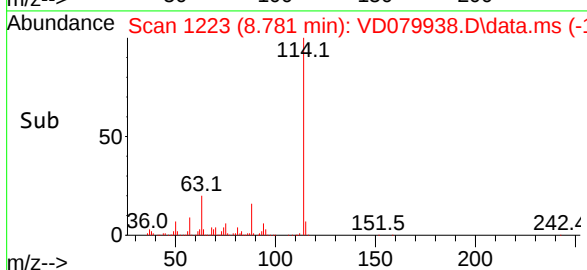
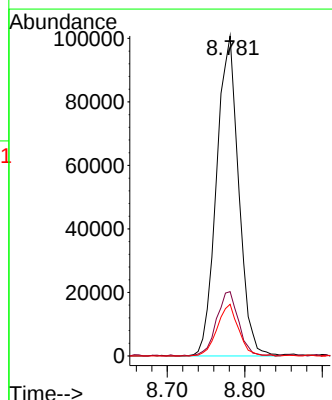
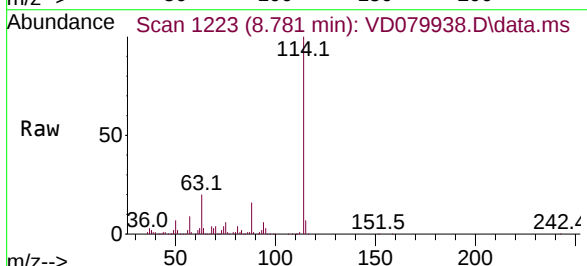
Tgt Ion: 114 Resp: 200041

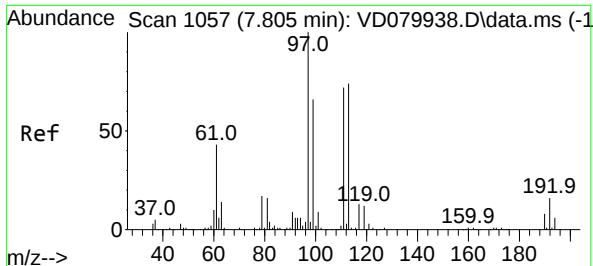
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.097 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079938.D

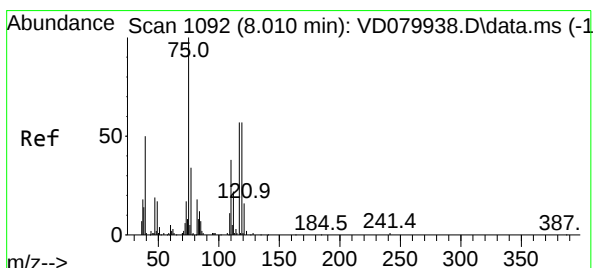
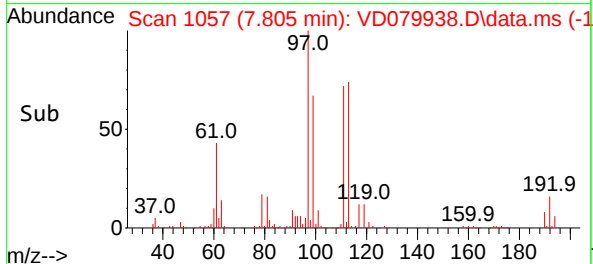
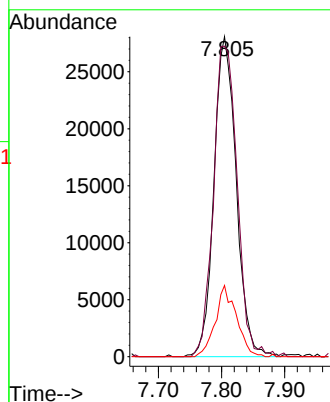
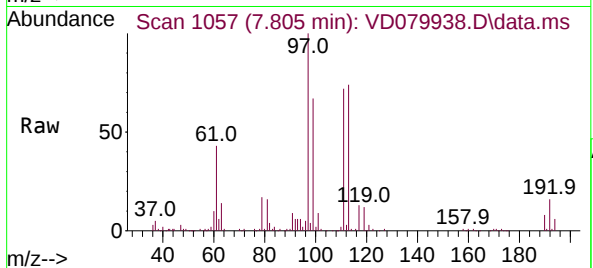
Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	68814
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	21.1	16.9	25.3



#36

1,1-Dichloropropene

Concen: 46.449 ug/l

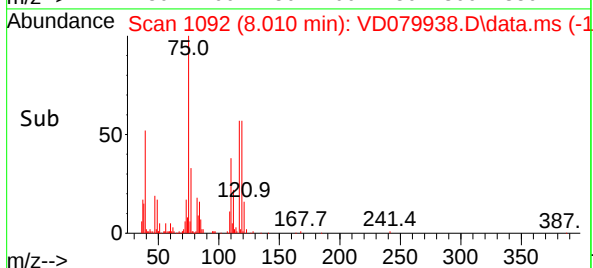
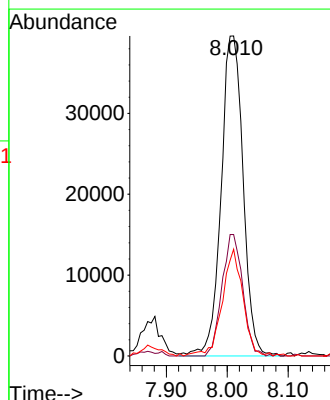
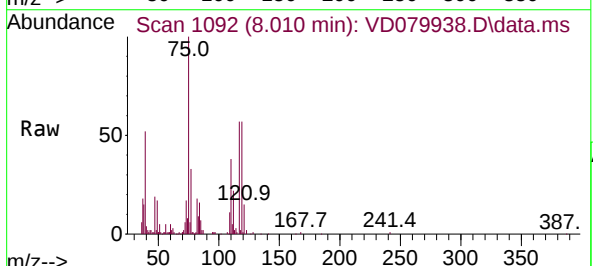
RT: 8.010 min Scan# 1092

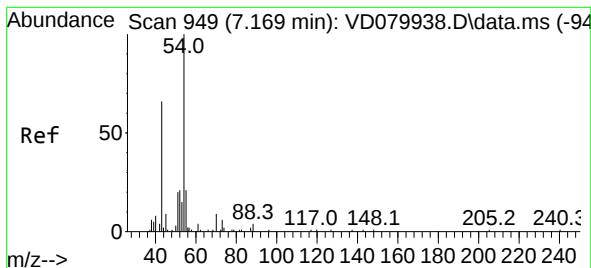
Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Tgt Ion:	75	Resp:	99429
Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.9	53.7
77	31.4	25.1	37.7





#37

Ethyl Acetate

Concen: 47.024 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

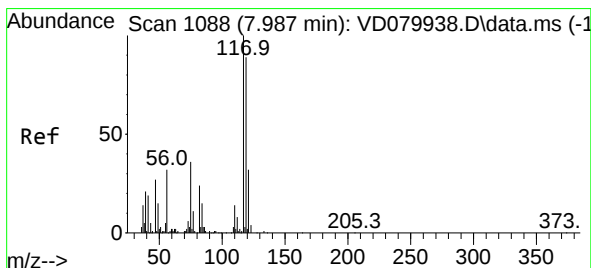
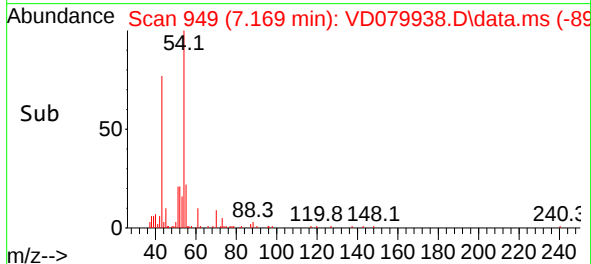
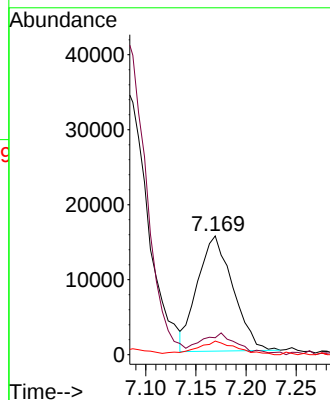
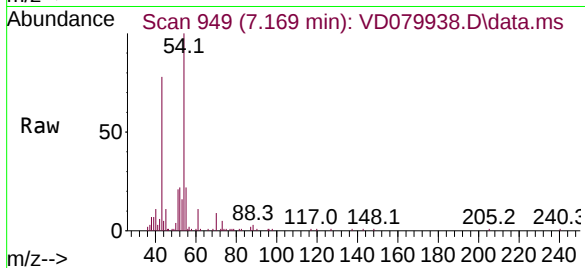
Tgt Ion: 43 Resp: 37881

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.8

70 13.0 10.4 15.6



#38

Carbon Tetrachloride

Concen: 49.515 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

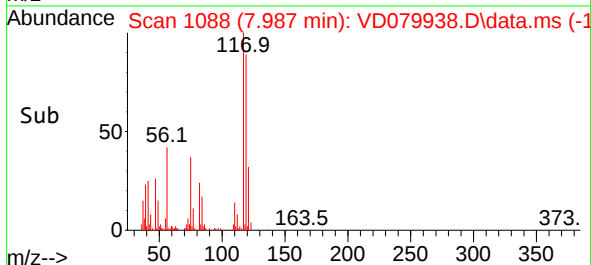
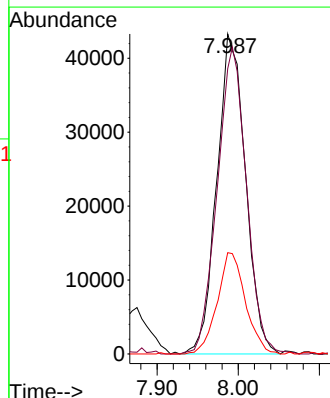
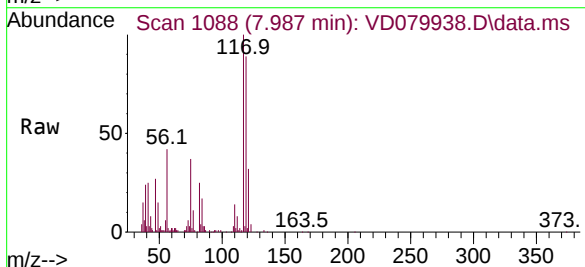
Tgt Ion: 117 Resp: 106169

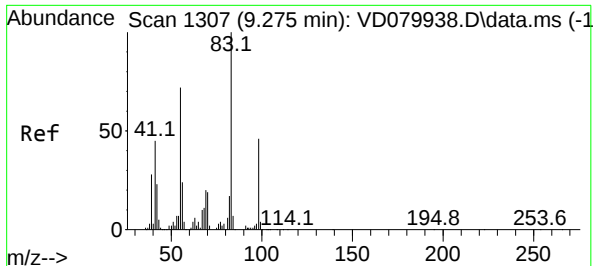
Ion Ratio Lower Upper

117 100

119 89.2 71.4 107.0

121 31.6 25.3 37.9





#39

Methylcyclohexane

Concen: 46.384 ug/l

RT: 9.275 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

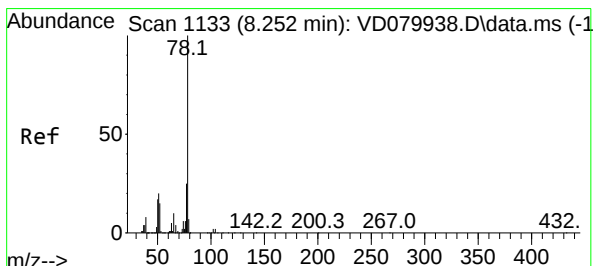
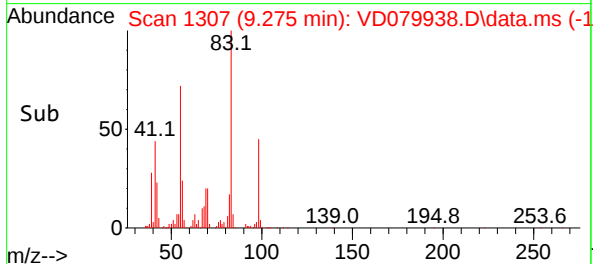
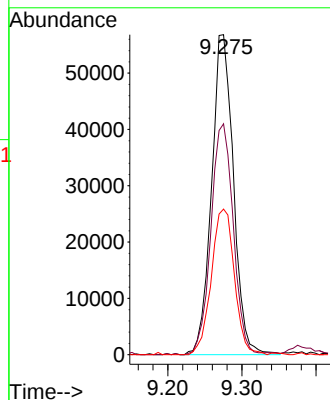
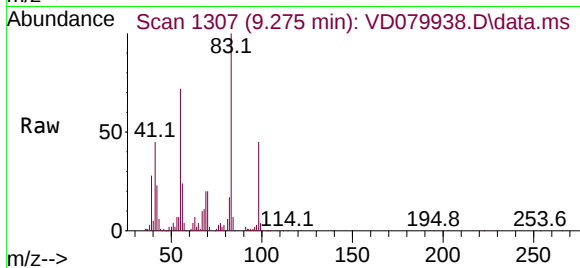
Tgt Ion: 83 Resp: 116680

Ion Ratio Lower Upper

83 100

55 72.1 57.7 86.5

98 45.5 36.4 54.6



#40

Benzene

Concen: 49.322 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD079938.D

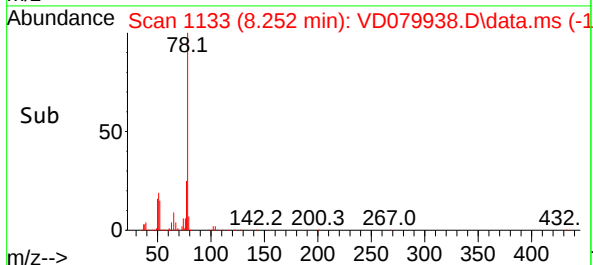
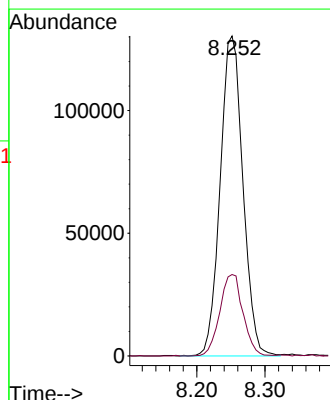
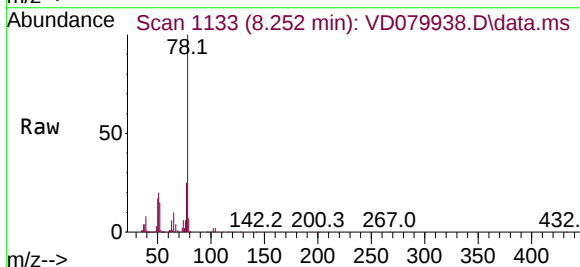
Acq: 30 Sep 2024 15:53

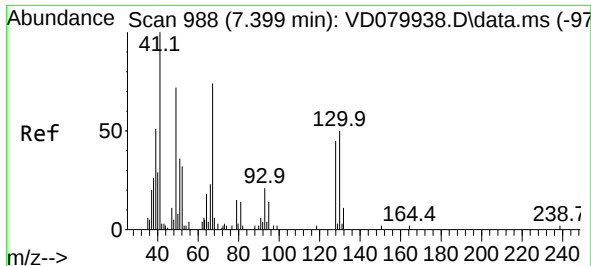
Tgt Ion: 78 Resp: 302754

Ion Ratio Lower Upper

78 100

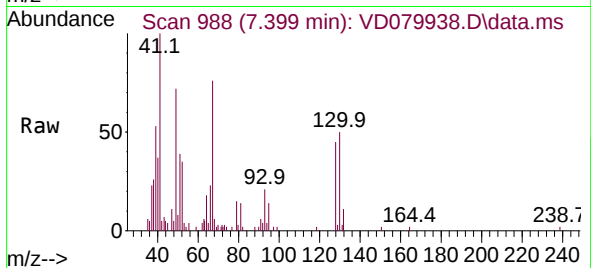
77 25.4 20.3 30.5



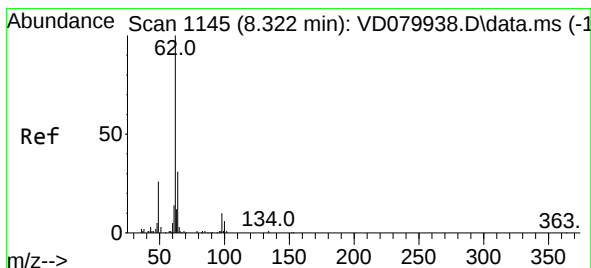
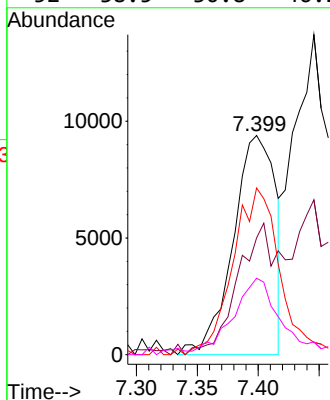
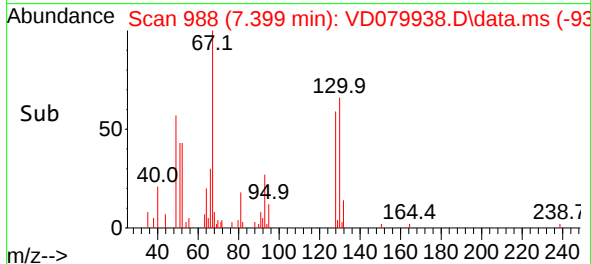


#41
Methacrylonitrile
Concen: 51.382 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Instrument :
MSVOA_D
ClientSampleId :

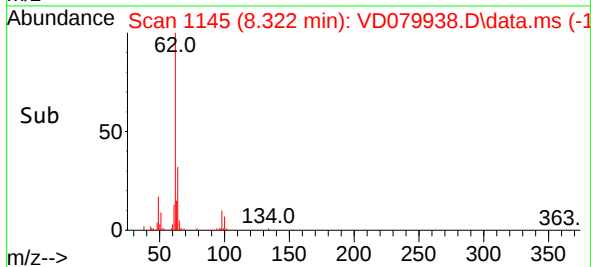
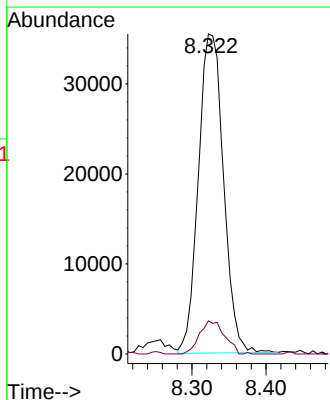
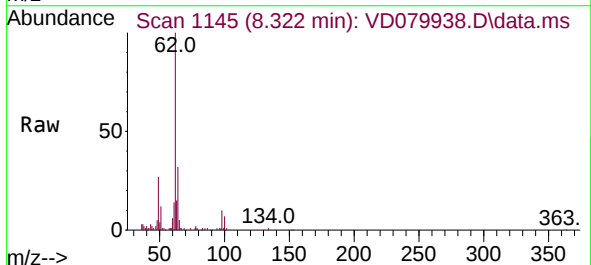


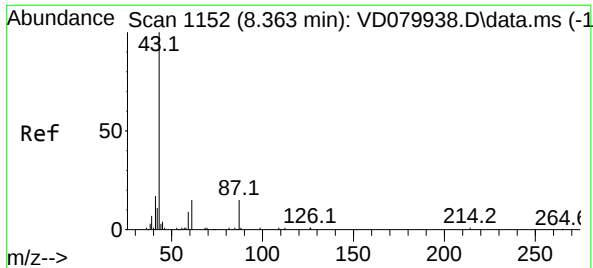
Tgt Ion: 41 Resp: 22701
Ion Ratio Lower Upper
41 100
39 60.0 48.0 72.0
67 84.9 67.9 101.9
52 38.5 30.8 46.2



#42
1,2-Dichloroethane
Concen: 51.916 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 62 Resp: 83496
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6





#43

Isopropyl Acetate

Concen: 52.209 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD079938.D

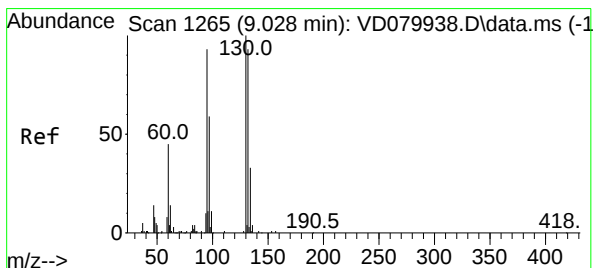
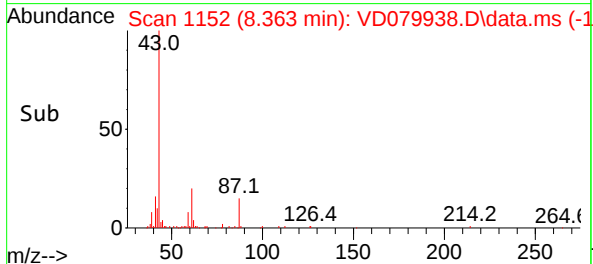
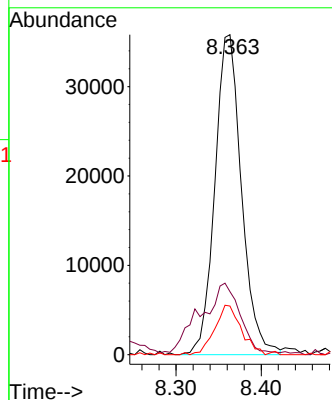
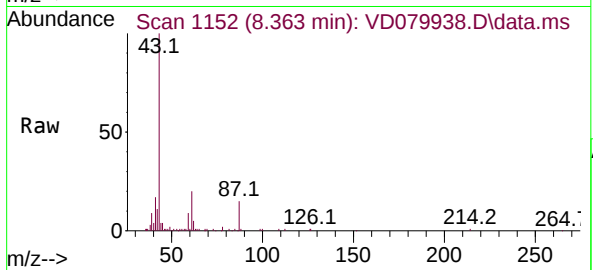
Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	77868
Ion	Ratio	Lower	Upper
43	100		
61	34.3	27.4	41.2
87	15.5	12.4	18.6



#44

Trichloroethene

Concen: 48.122 ug/l

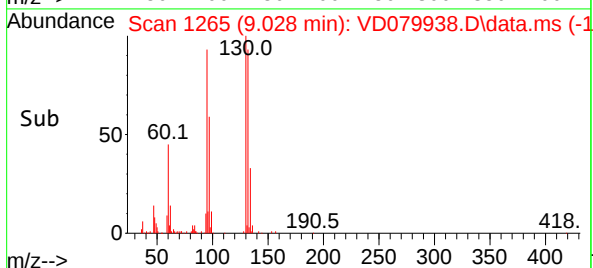
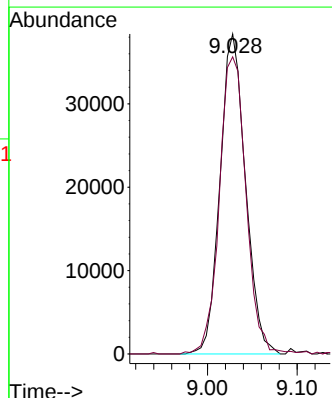
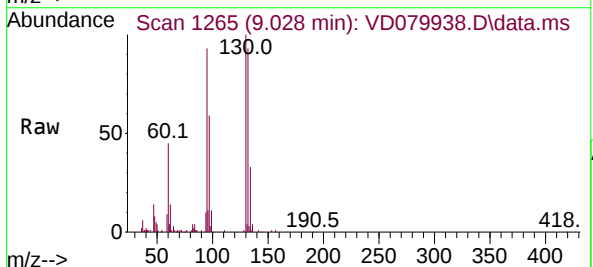
RT: 9.028 min Scan# 1265

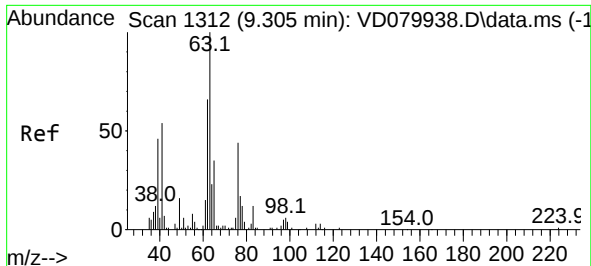
Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Tgt Ion:	130	Resp:	75647
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	185.6





#45

1,2-Dichloropropane

Concen: 48.795 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

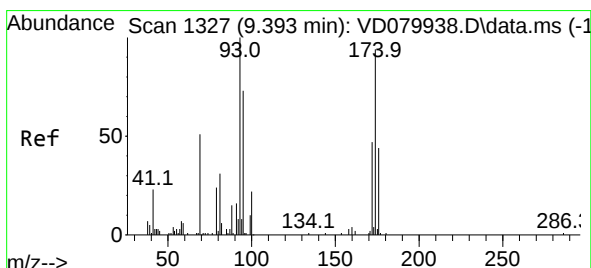
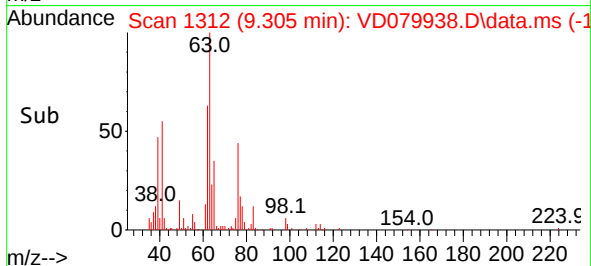
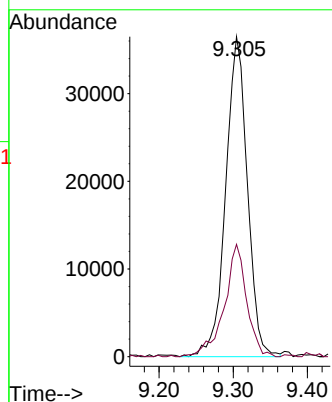
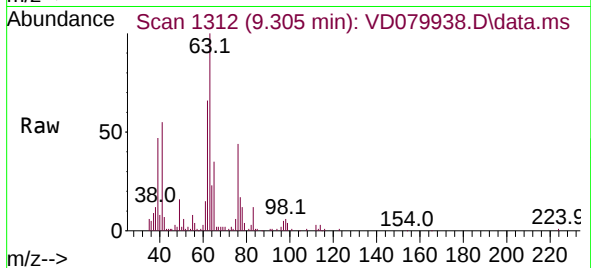
ClientSampleId :

Tgt Ion: 63 Resp: 74128

Ion Ratio Lower Upper

63 100

65 35.1 28.1 42.1



#46

Dibromomethane

Concen: 52.635 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

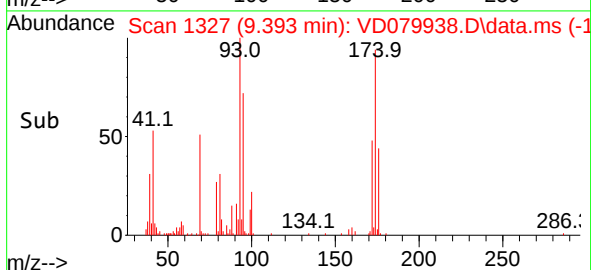
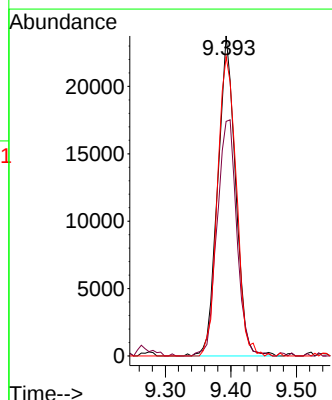
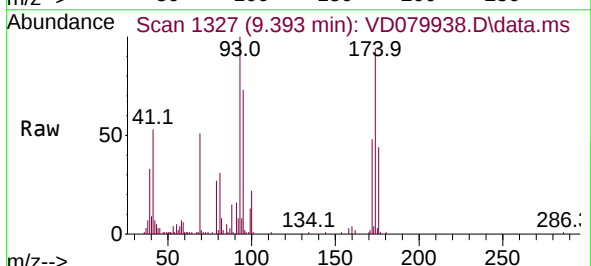
Tgt Ion: 93 Resp: 44882

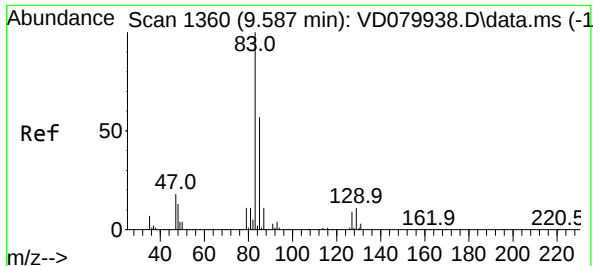
Ion Ratio Lower Upper

93 100

95 81.2 65.0 97.4

174 98.6 78.9 118.3

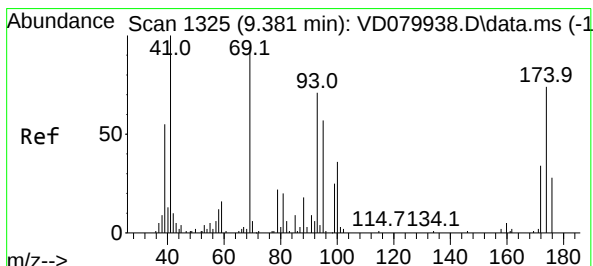
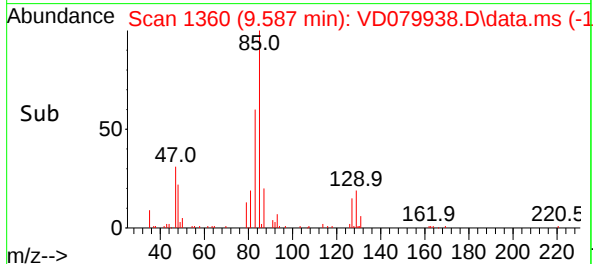
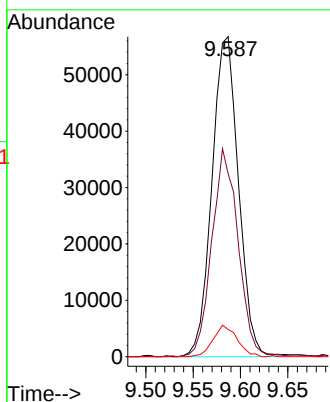
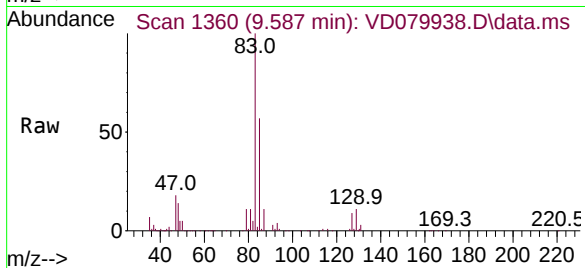




#47
Bromodichloromethane
Concen: 51.976 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

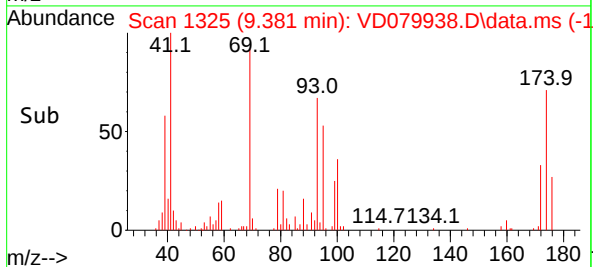
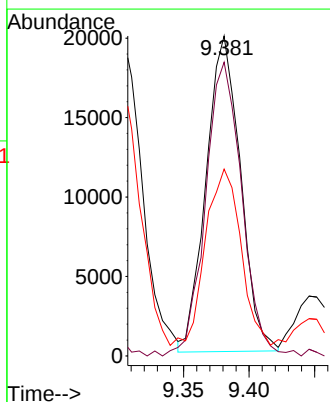
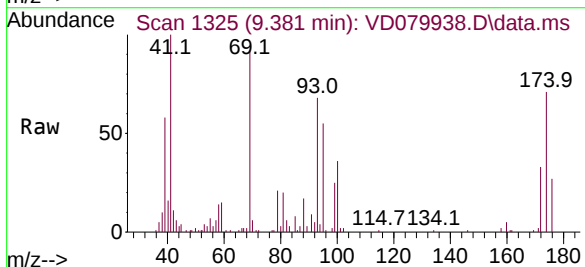
Instrument :
MSVOA_D
ClientSampleId :

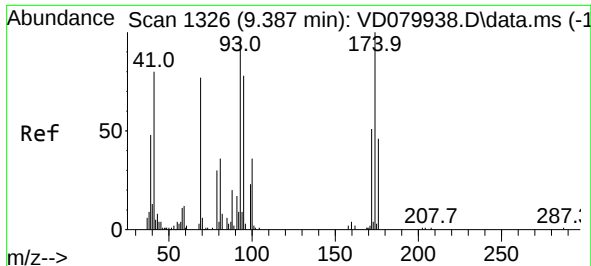
Tgt Ion: 83 Resp: 110478
Ion Ratio Lower Upper
83 100
85 57.2 45.8 68.6
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 43.431 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 41 Resp: 36177
Ion Ratio Lower Upper
41 100
69 98.4 78.7 118.1
39 59.1 47.3 70.9





#49

1,4-Dioxane

Concen: 974.794 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

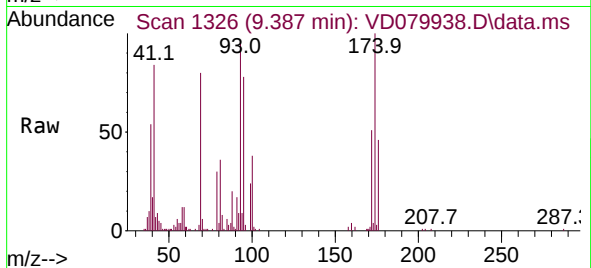
Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :



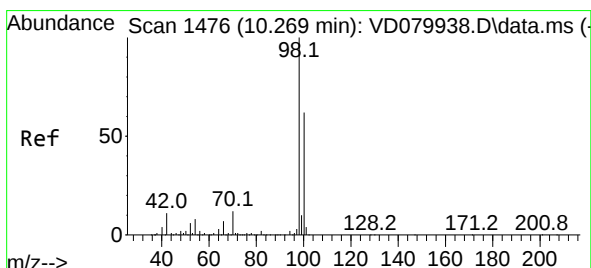
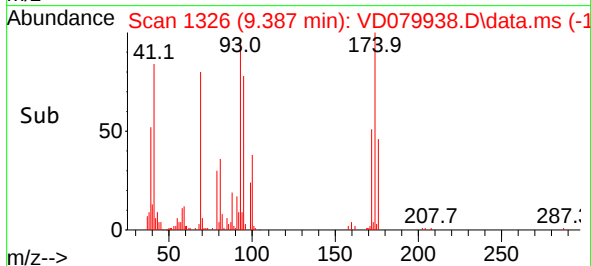
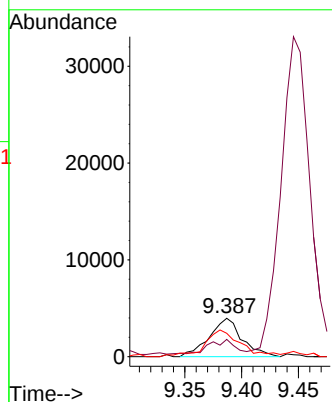
Tgt Ion: 88 Resp: 7976

Ion Ratio Lower Upper

88 100

43 28.9 23.1 34.7

58 75.9 60.7 91.1



#50

Toluene-d8

Concen: 51.651 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079938.D

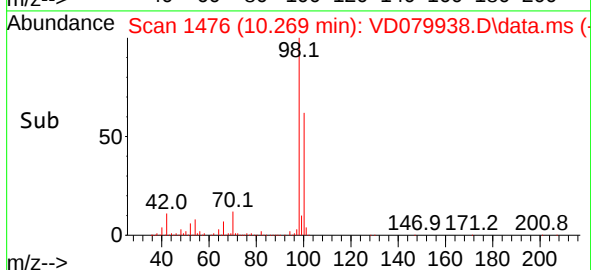
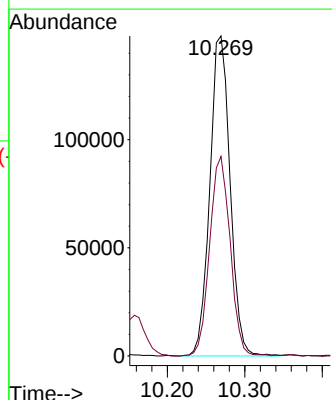
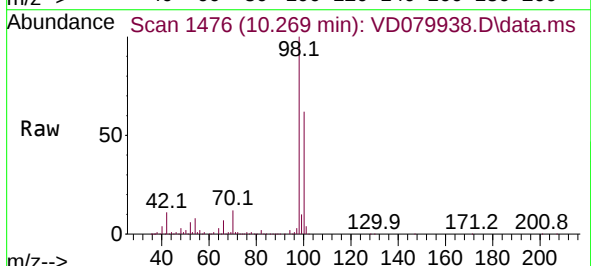
Acq: 30 Sep 2024 15:53

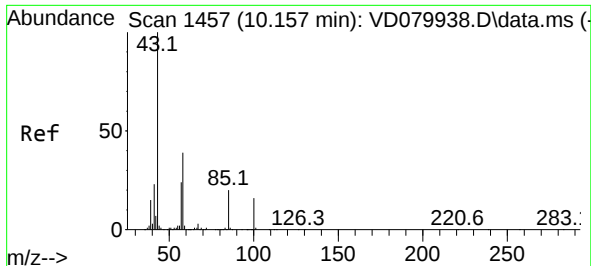
Tgt Ion: 98 Resp: 268893

Ion Ratio Lower Upper

98 100

100 63.1 50.5 75.7

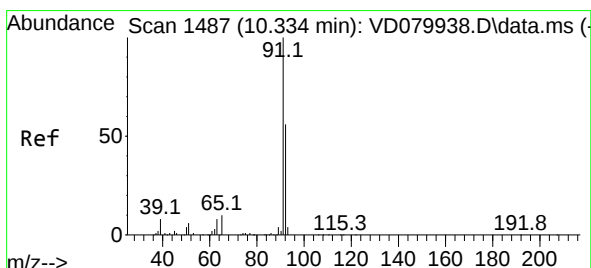
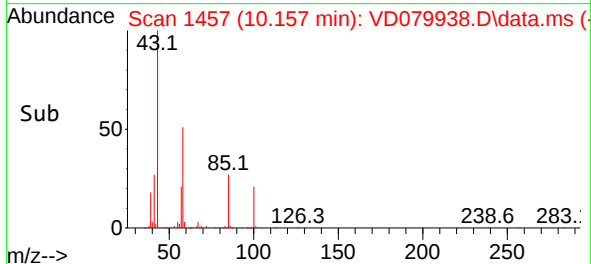
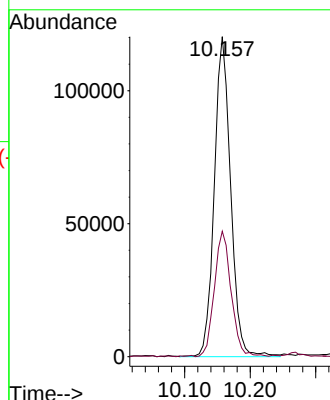
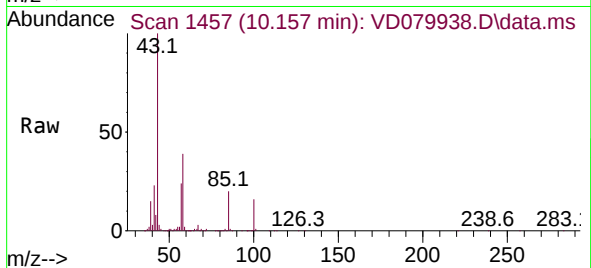




#51
4-Methyl-2-Pentanone
Concen: 265.445 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

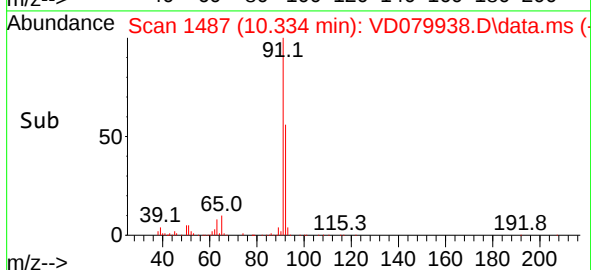
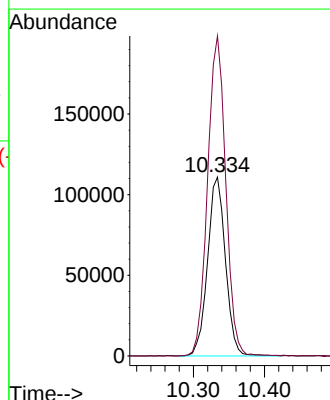
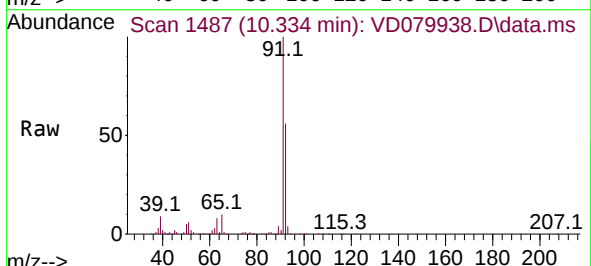
Instrument :
MSVOA_D
ClientSampleId :

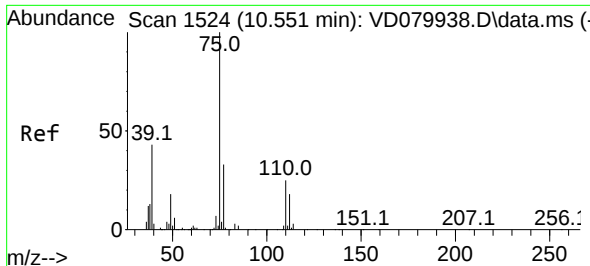
Tgt Ion: 43 Resp: 208133
Ion Ratio Lower Upper
43 100
58 40.4 32.3 48.5



#52
Toluene
Concen: 49.812 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 92 Resp: 194017
Ion Ratio Lower Upper
92 100
91 181.7 145.4 218.0

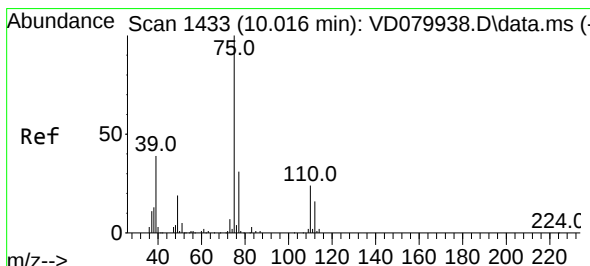
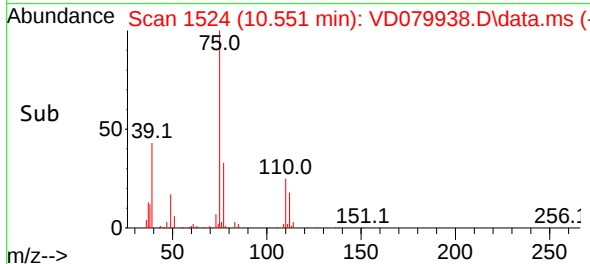
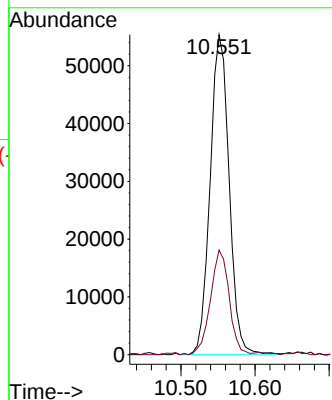
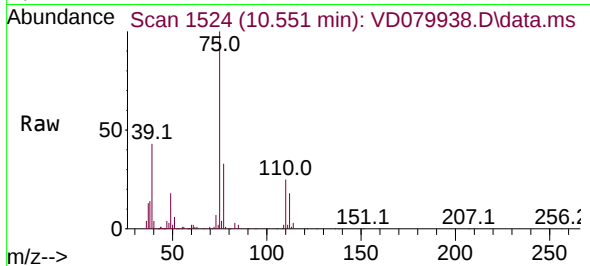




#53
 t-1,3-Dichloropropene
 Concen: 50.744 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

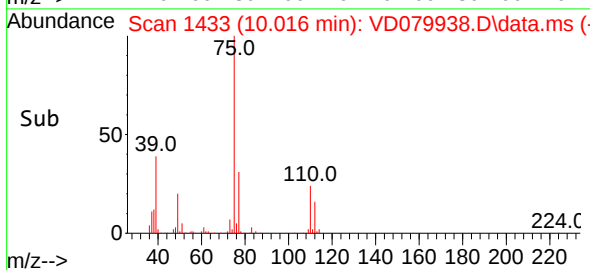
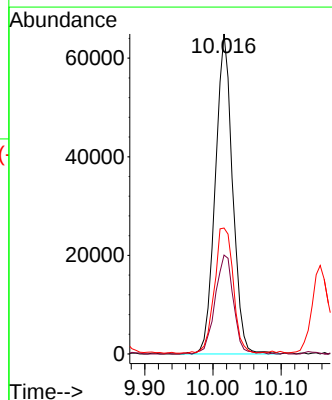
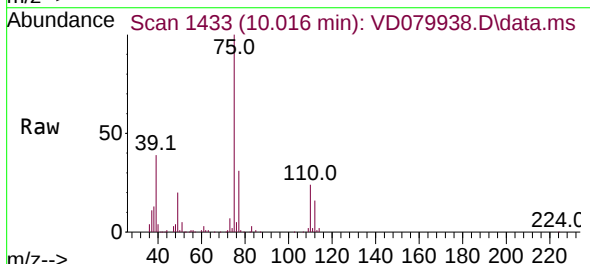
Instrument :
 MSVOA_D
 ClientSampleId :

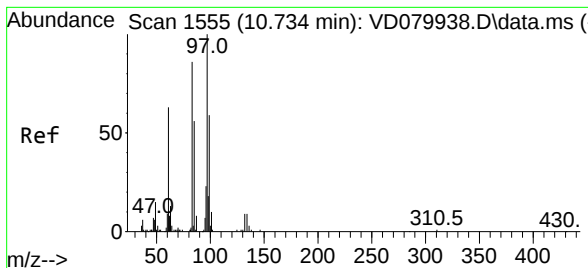
Tgt Ion: 75 Resp: 98688
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.476 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

Tgt Ion: 75 Resp: 114464
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 39.1 31.3 46.9

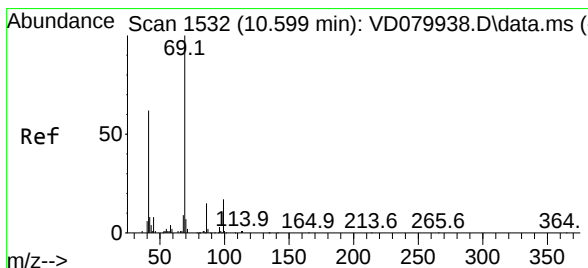
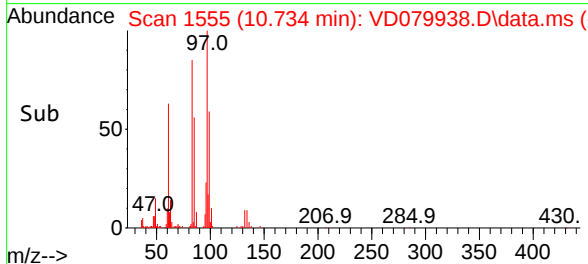
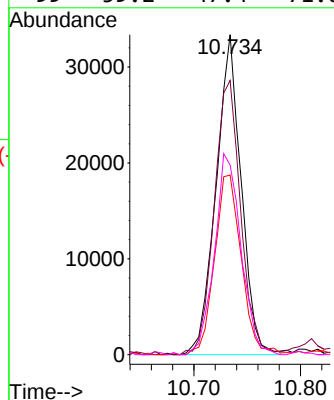
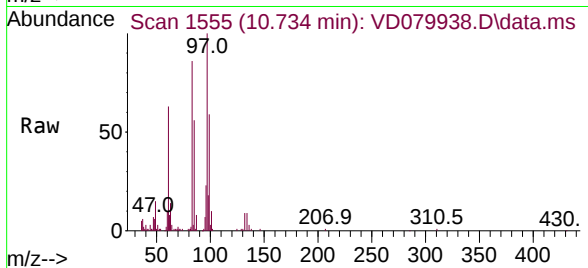




#55
1,1,2-Trichloroethane
Concen: 48.824 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

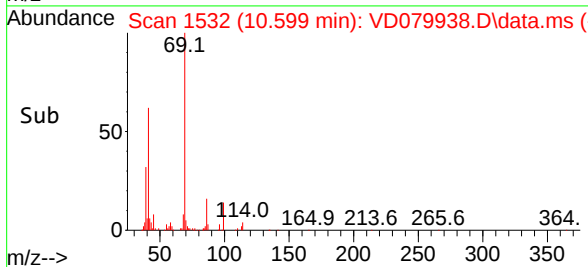
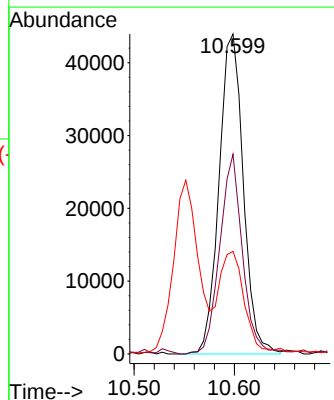
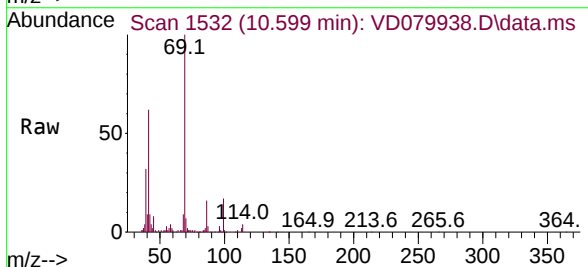
Instrument :
MSVOA_D
ClientSampleId :

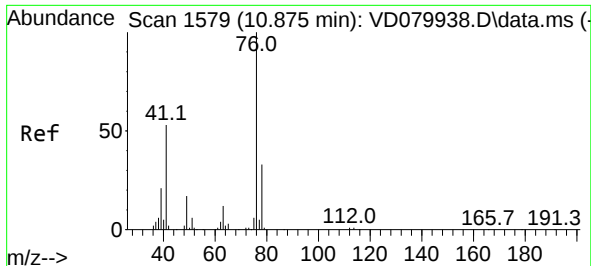
Tgt Ion: 97	Resp: 54574
Ion Ratio	Lower Upper
97 100	
83 85.7	68.6 102.8
85 56.2	45.0 67.4
99 59.2	47.4 71.0



#56
Ethyl methacrylate
Concen: 73.394 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 69	Resp: 73685
Ion Ratio	Lower Upper
69 100	
41 58.7	47.0 70.4
39 35.7	28.6 42.8





#57

1,3-Dichloropropane

Concen: 50.138 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

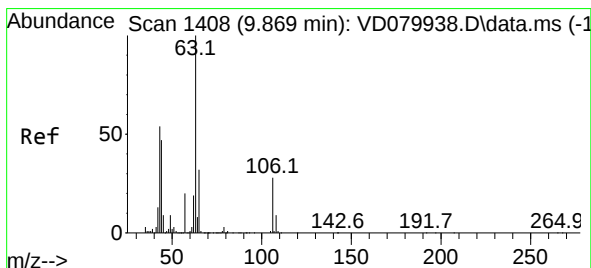
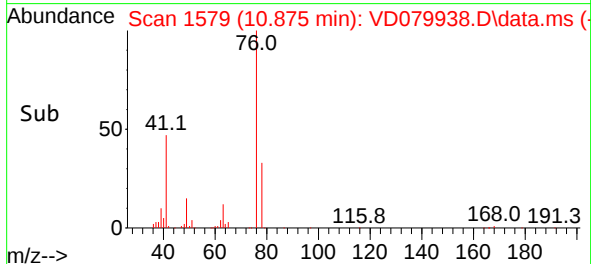
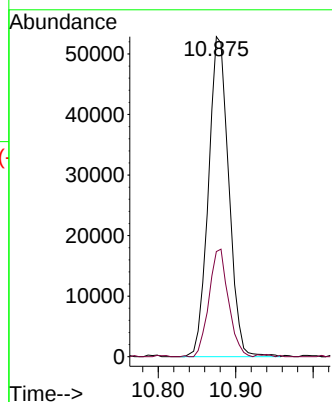
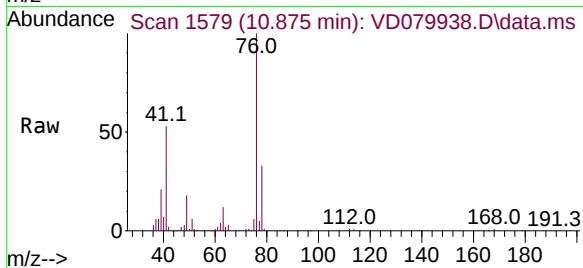
ClientSampleId :

Tgt Ion: 76 Resp: 96202

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 279.163 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079938.D

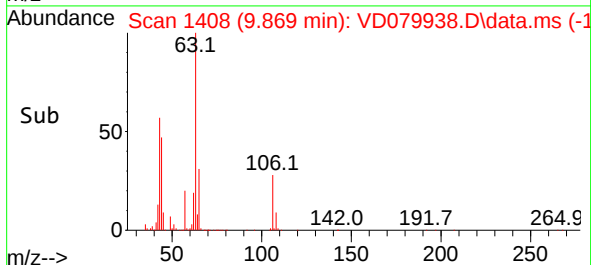
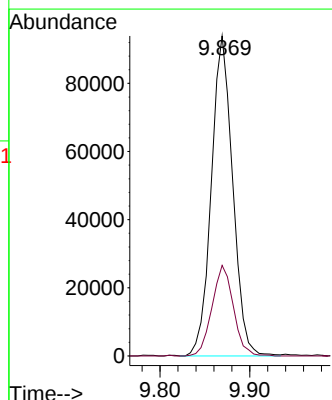
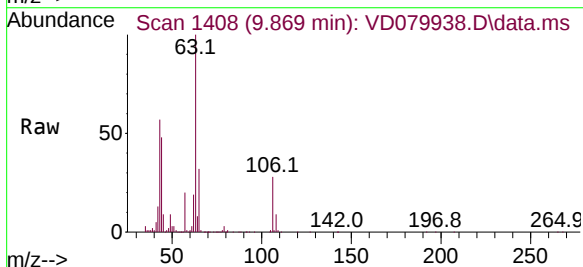
Acq: 30 Sep 2024 15:53

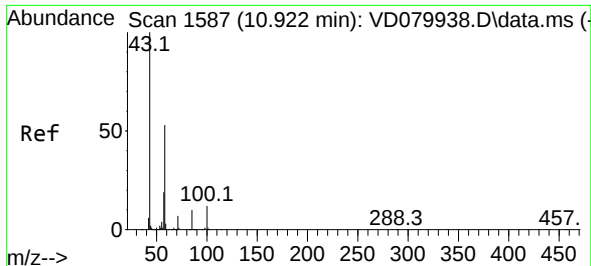
Tgt Ion: 63 Resp: 155380

Ion Ratio Lower Upper

63 100

106 28.3 22.6 34.0

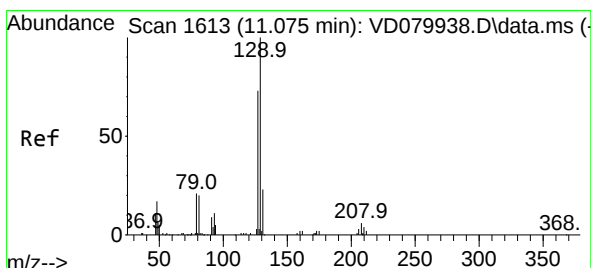
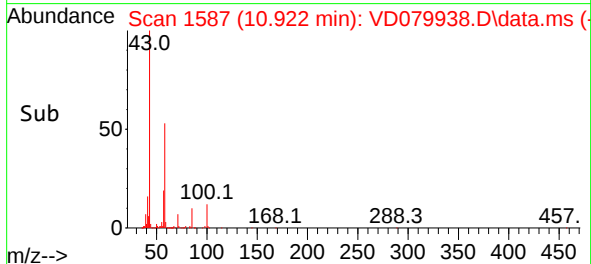
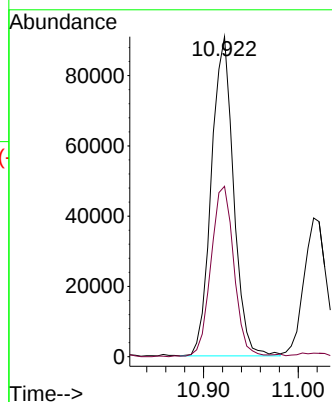
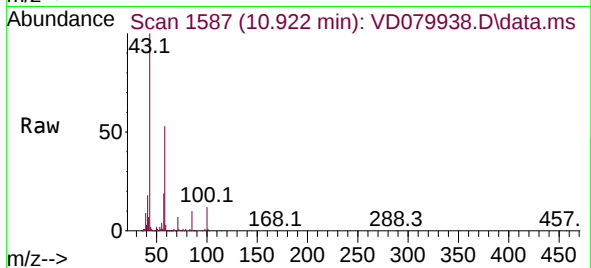




#59
2-Hexanone
Concen: 233.058 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

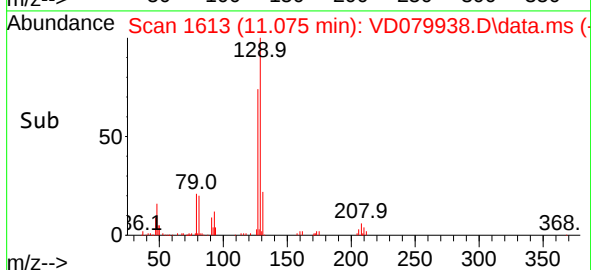
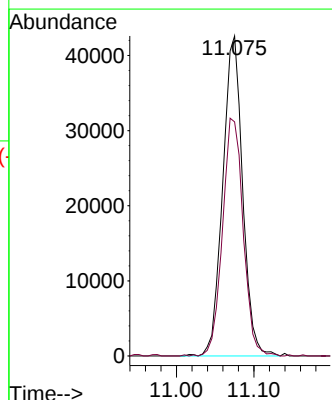
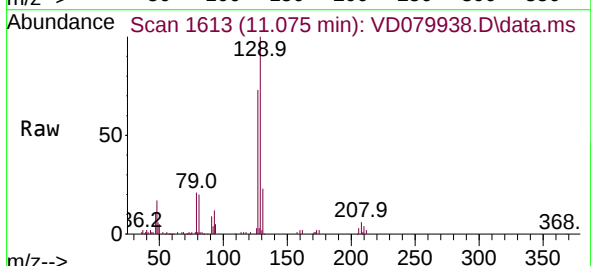
Instrument :
MSVOA_D
ClientSampleId :

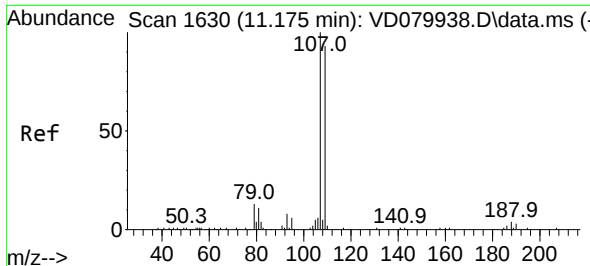
Tgt Ion: 43 Resp: 147451
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1



#60
Dibromochloromethane
Concen: 56.178 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 129 Resp: 76116
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

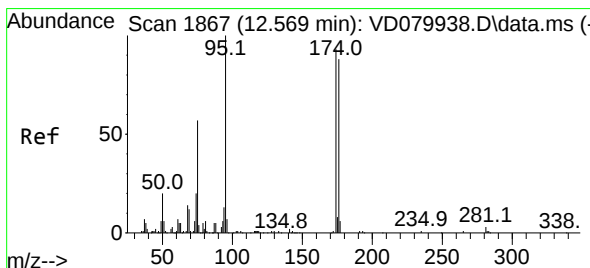
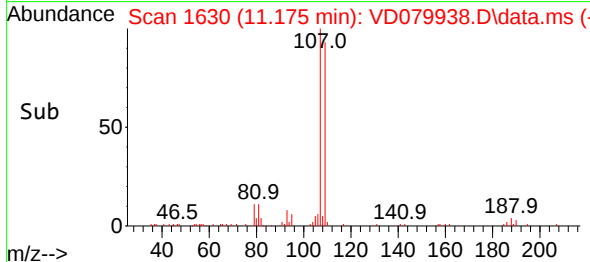
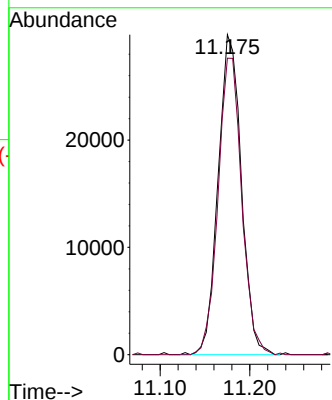
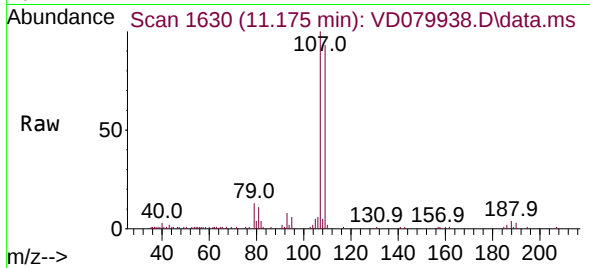




#61
1,2-Dibromoethane
Concen: 51.675 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

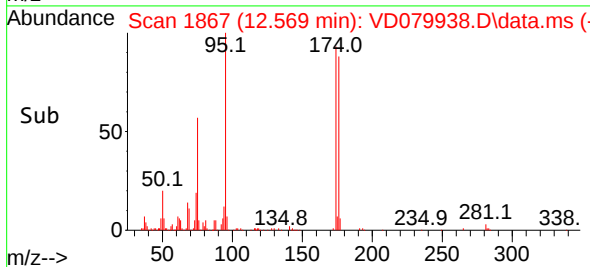
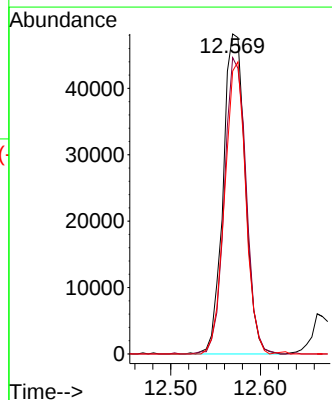
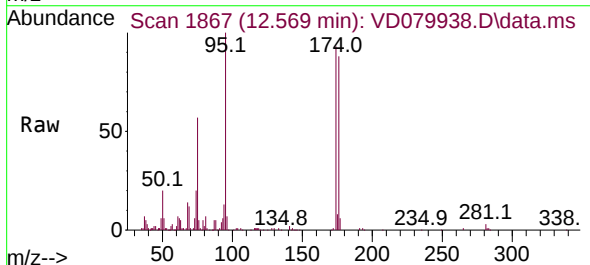
Instrument :
MSVOA_D
ClientSampleId :

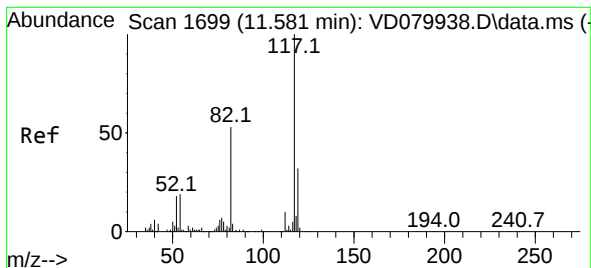
Tgt Ion:107 Resp: 53525
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 54.051 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 95 Resp: 82323
Ion Ratio Lower Upper
95 100
174 91.0 0.0 182.0
176 87.0 0.0 174.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

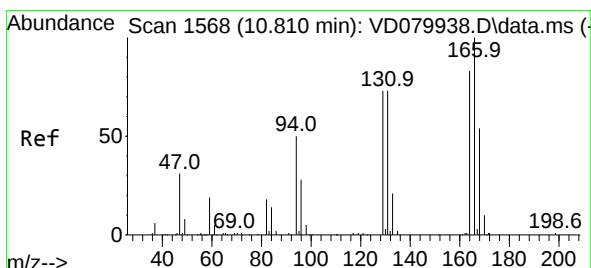
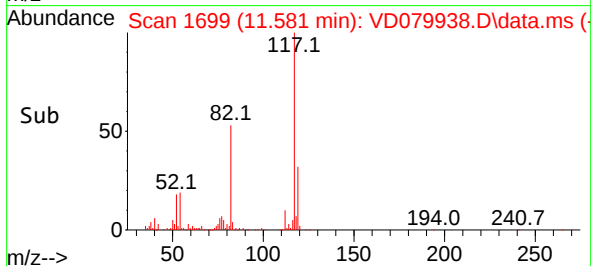
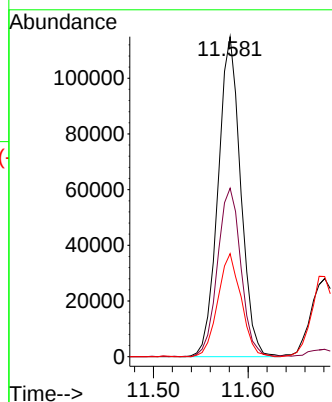
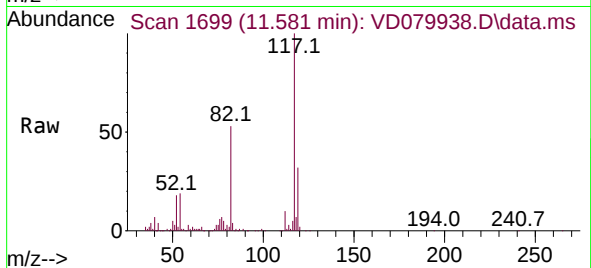
Tgt Ion:117 Resp: 190910

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

119 32.2 25.8 38.6



#64

Tetrachloroethene

Concen: 52.732 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Tgt Ion:164 Resp: 66945

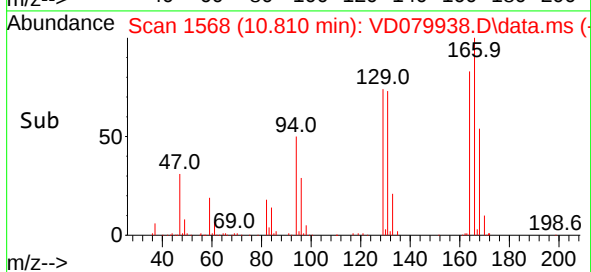
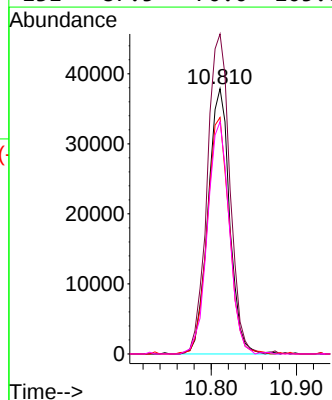
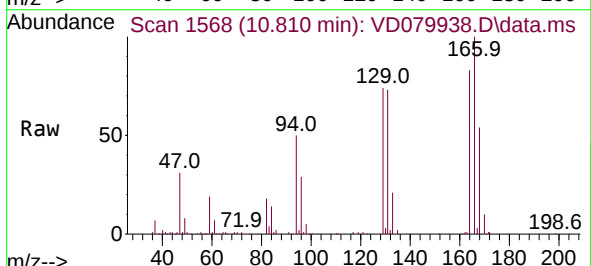
Ion Ratio Lower Upper

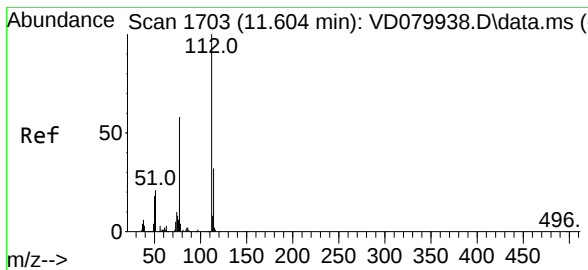
164 100

166 120.6 96.5 144.7

129 88.6 70.9 106.3

131 87.5 70.0 105.0

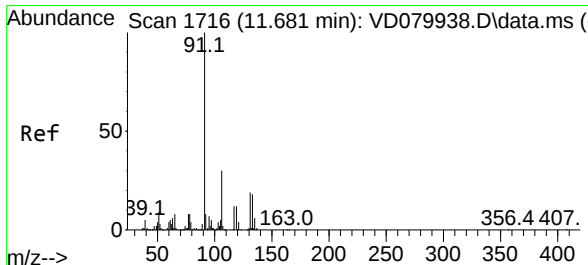
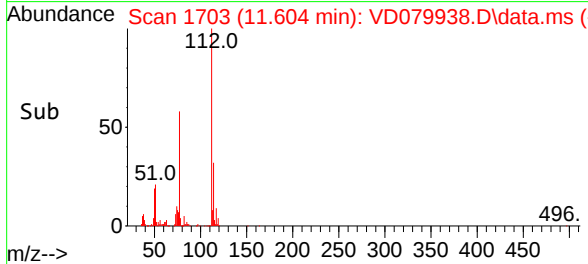
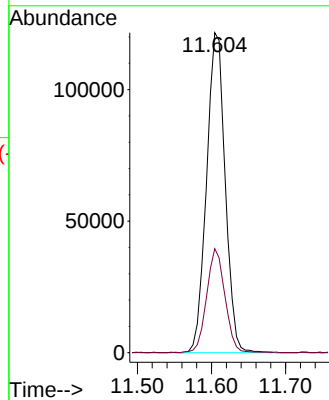
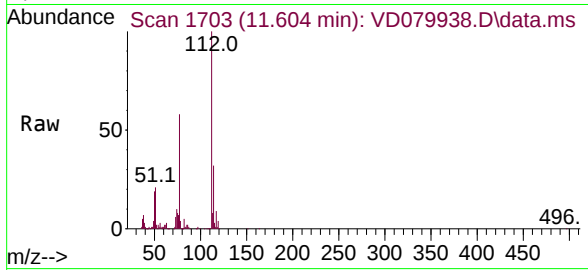




#65
Chlorobenzene
Concen: 50.192 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

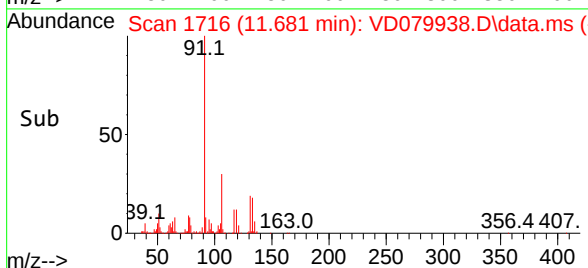
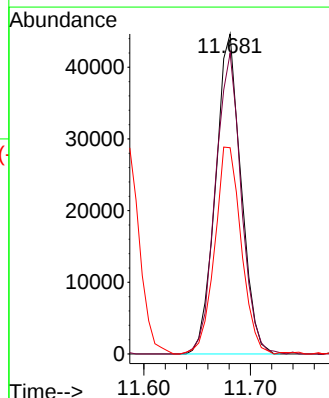
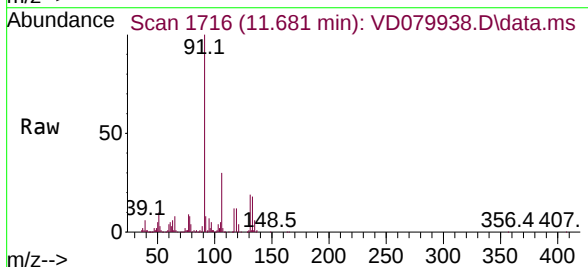
Instrument :
MSVOA_D
ClientSampleId :

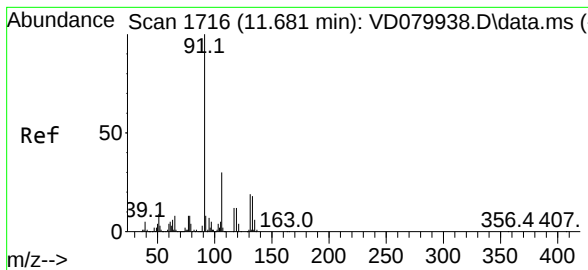
Tgt Ion:112 Resp: 212413
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.367 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion:131 Resp: 74119
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 67.3 33.7 101.0

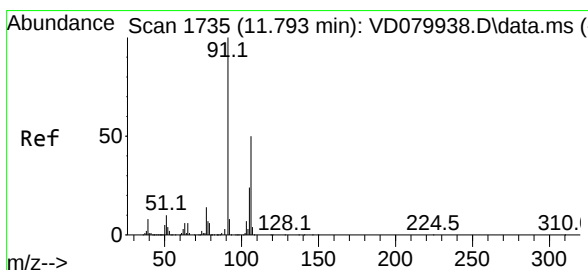
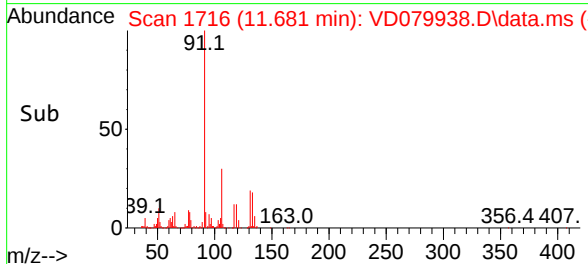
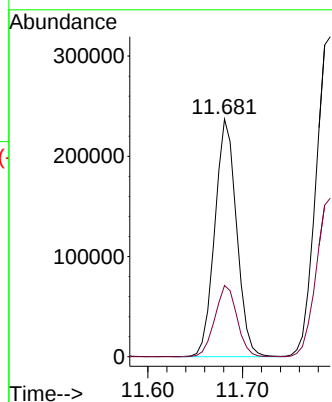
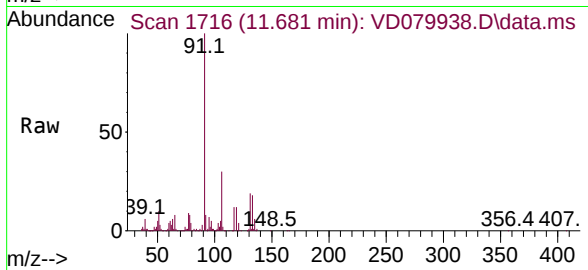




#67
Ethyl Benzene
Concen: 49.484 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

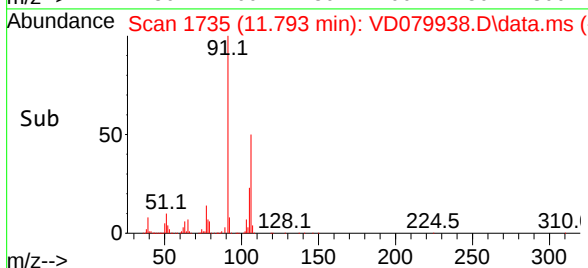
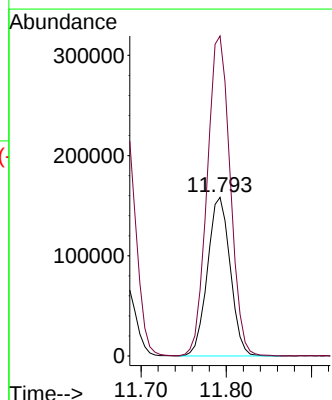
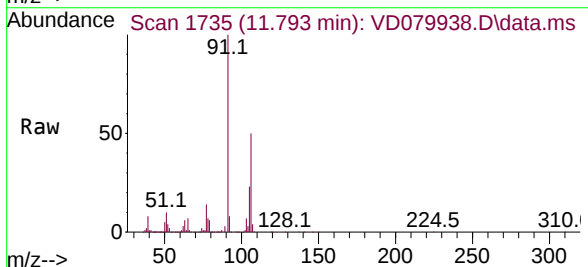
Instrument :
MSVOA_D
ClientSampleId :

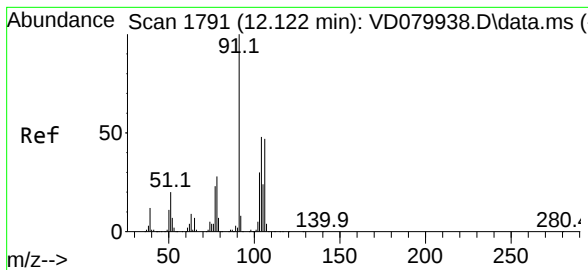
Tgt Ion: 91 Resp: 378570
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 100.202 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion:106 Resp: 293581
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2

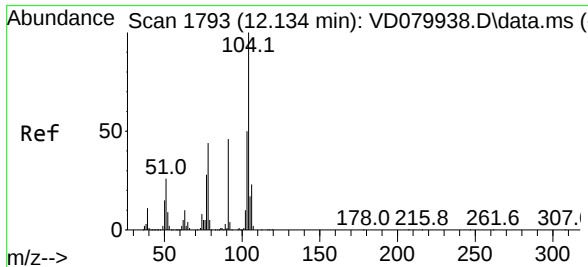
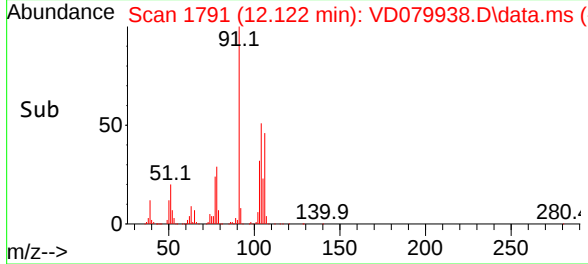
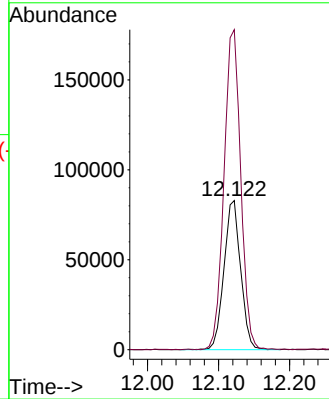
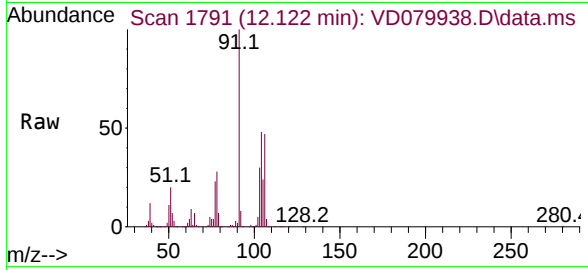




#69
o-Xylene
Concen: 50.824 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

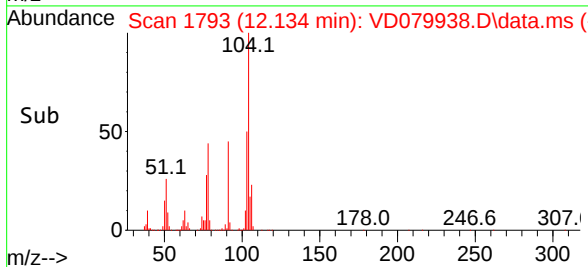
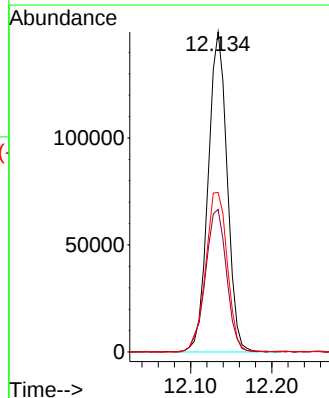
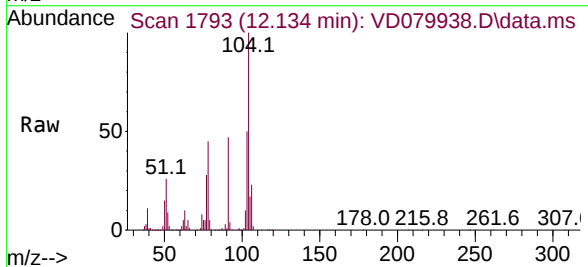
Instrument :
MSVOA_D
ClientSampleId :

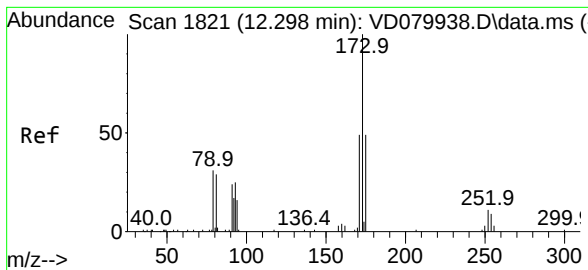
Tgt Ion:106 Resp: 134832
Ion Ratio Lower Upper
106 100
91 215.6 107.8 323.4



#70
Styrene
Concen: 59.138 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion:104 Resp: 243263
Ion Ratio Lower Upper
104 100
78 49.9 39.9 59.9
103 56.9 45.5 68.3

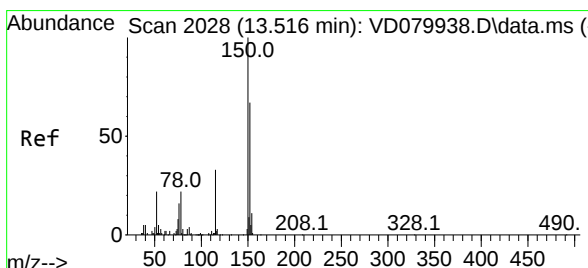
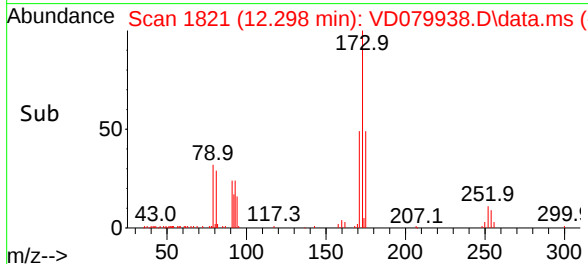
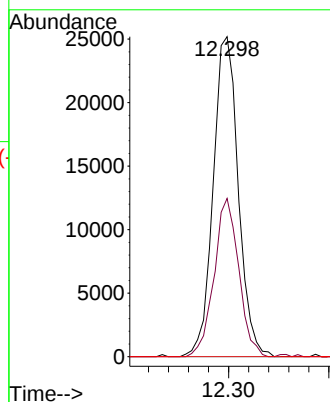
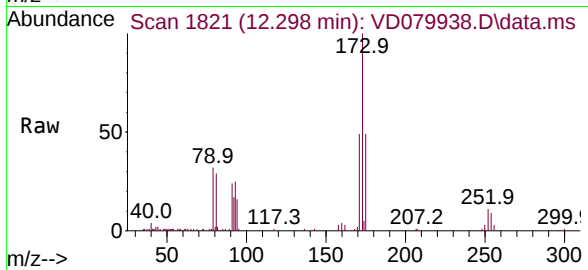




#71
Bromoform
Concen: 56.763 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

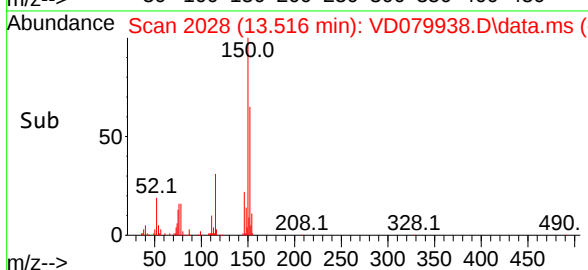
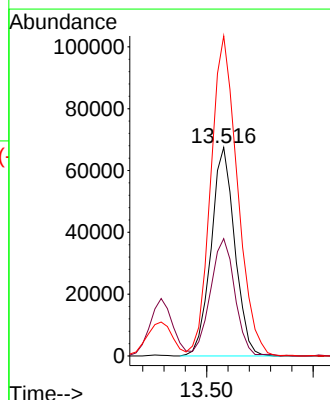
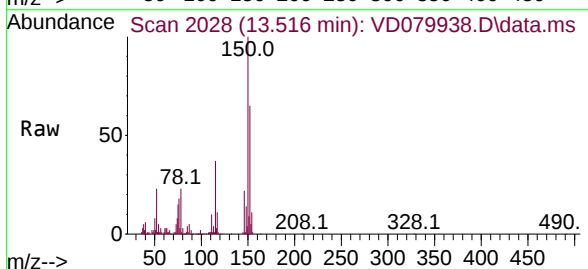
Instrument :
MSVOA_D
ClientSampleId :

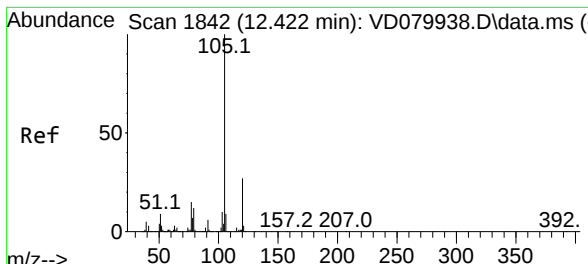
Tgt Ion:173 Resp: 43804
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion:152 Resp: 103946
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.1
150 173.8 0.0 347.6

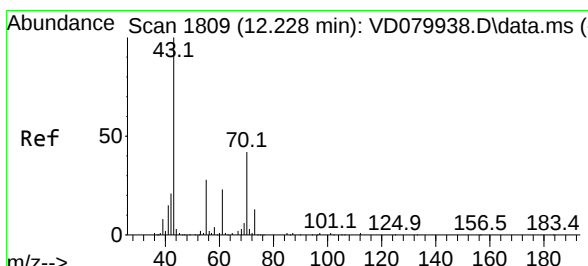
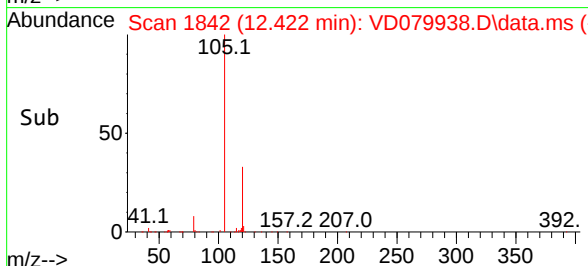
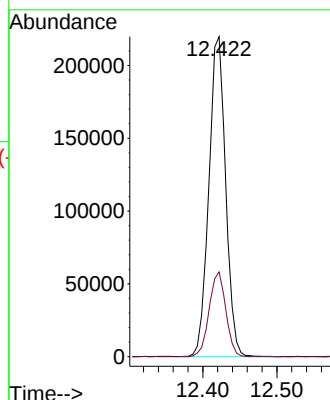
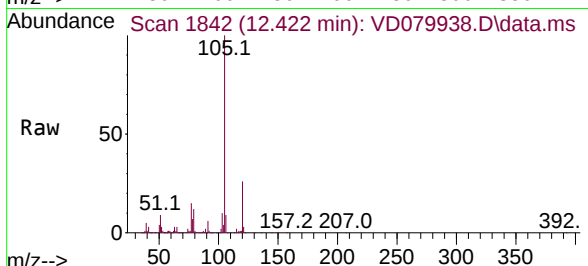




#73
Isopropylbenzene
Concen: 43.352 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

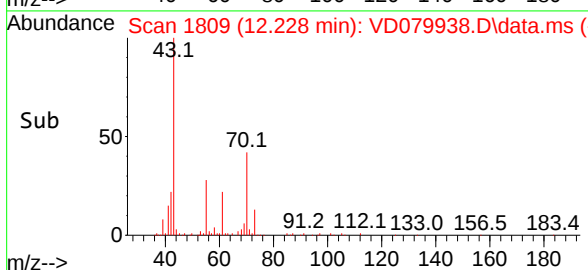
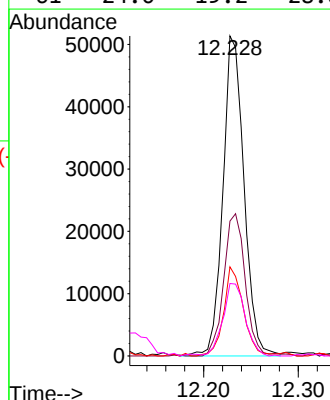
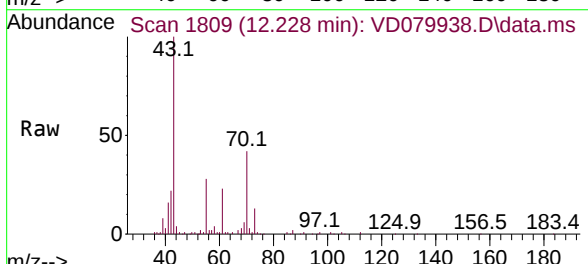
Instrument :
MSVOA_D
ClientSampleId :

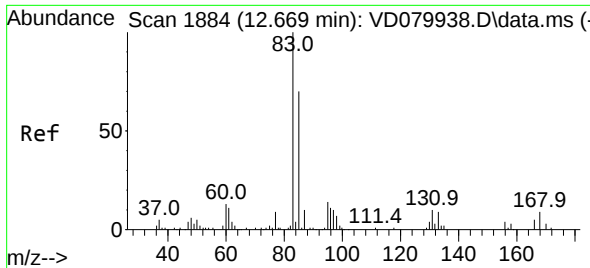
Tgt Ion:105 Resp: 345407
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 50.765 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 43 Resp: 79615
Ion Ratio Lower Upper
43 100
70 45.5 36.4 54.6
55 26.0 20.8 31.2
61 24.0 19.2 28.8

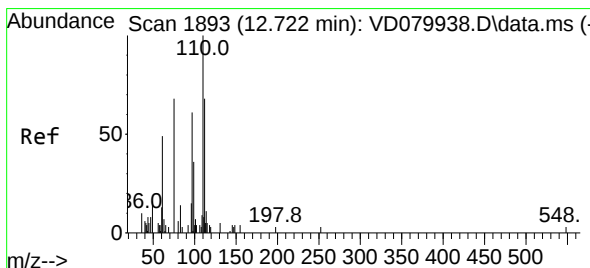
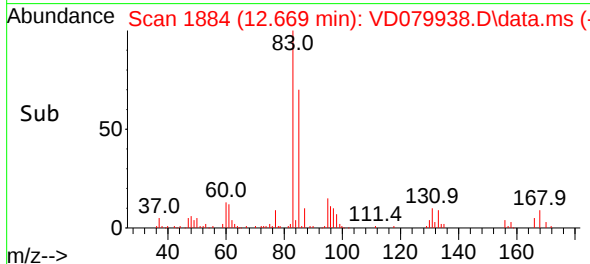
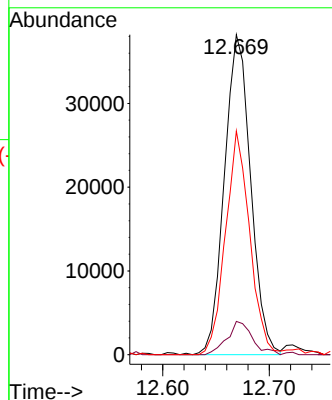
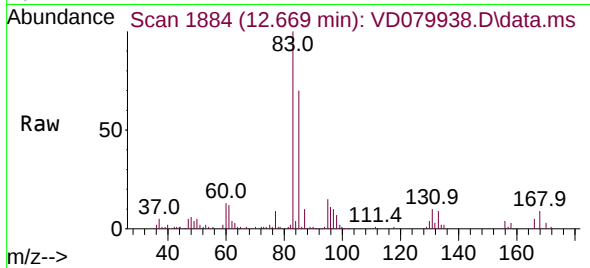




#75
1,1,2,2-Tetrachloroethane
Concen: 44.026 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

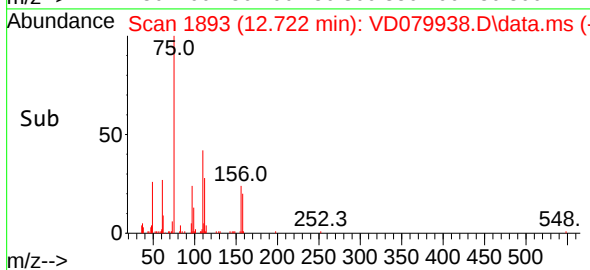
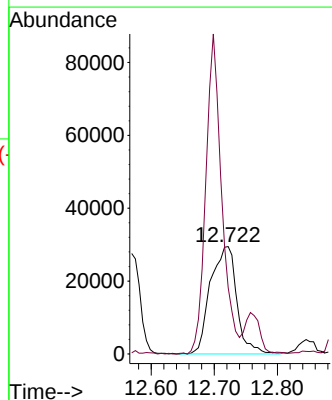
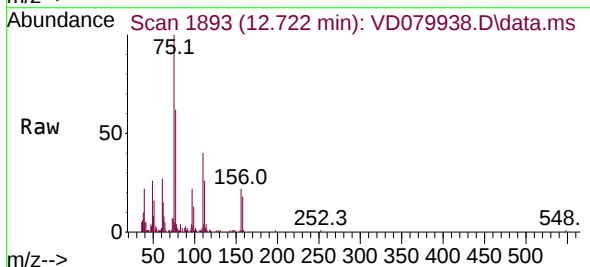
Instrument :
MSVOA_D
ClientSampleId :

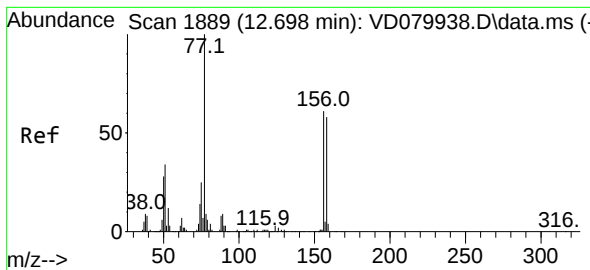
Tgt Ion: 83 Resp: 65480
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 88.016 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 75 Resp: 85553
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.954 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

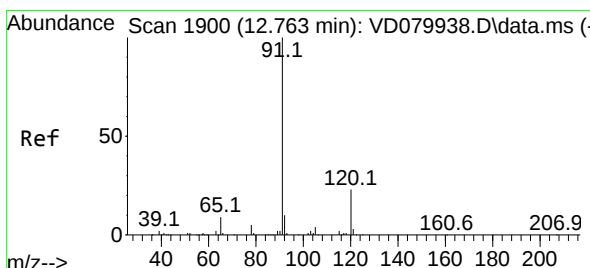
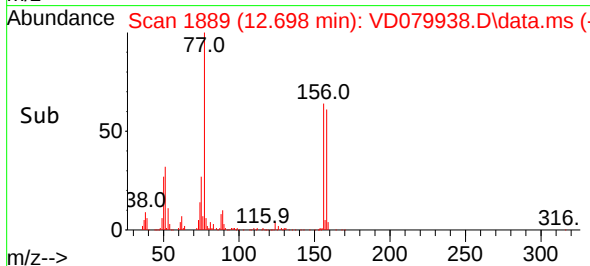
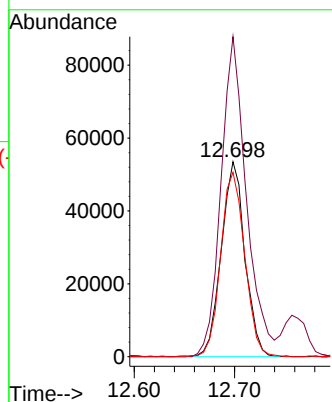
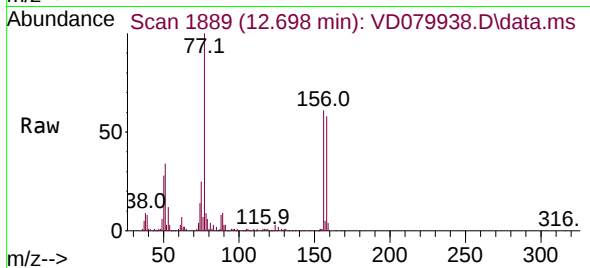
Tgt Ion:156 Resp: 87385

Ion Ratio Lower Upper

156 100

77 176.8 88.4 265.2

158 96.5 48.3 144.8



#78

n-propylbenzene

Concen: 44.593 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD079938.D

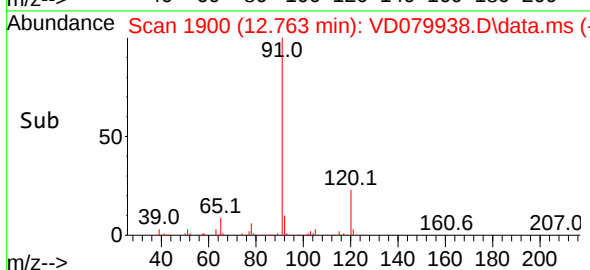
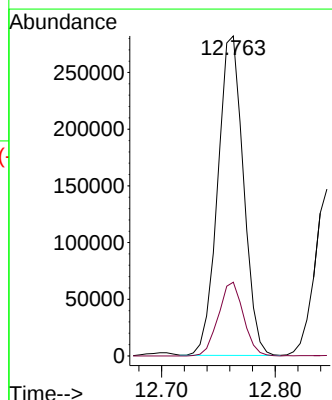
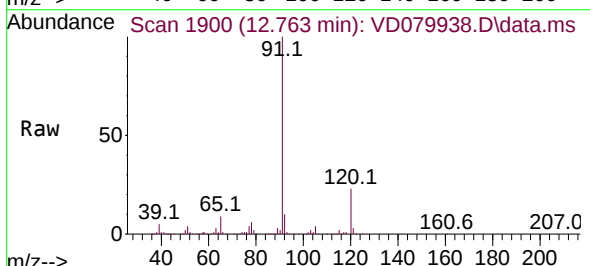
Acq: 30 Sep 2024 15:53

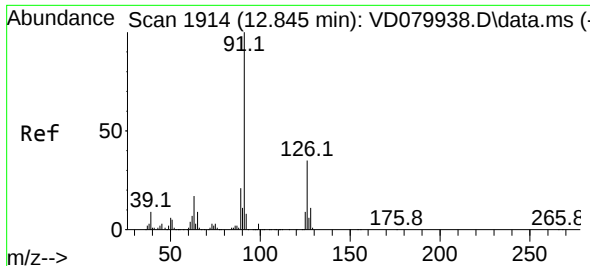
Tgt Ion: 91 Resp: 442515

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8

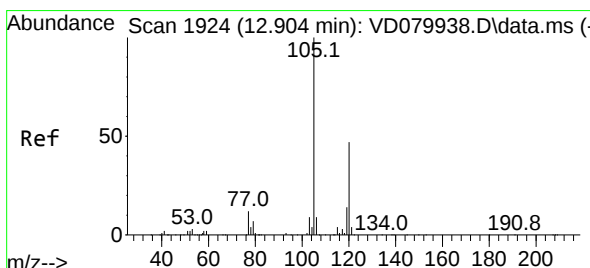
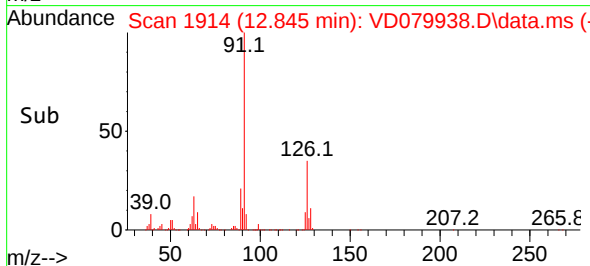
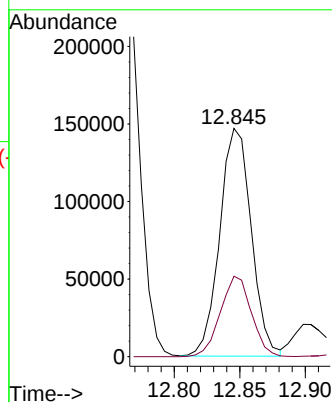
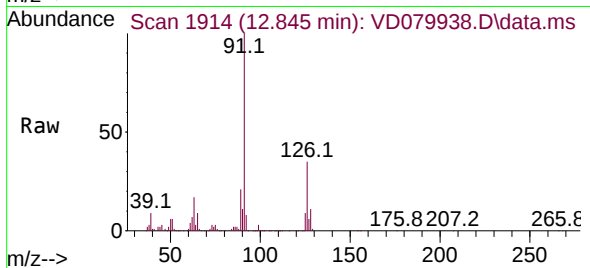




#79
2-Chlorotoluene
Concen: 46.007 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

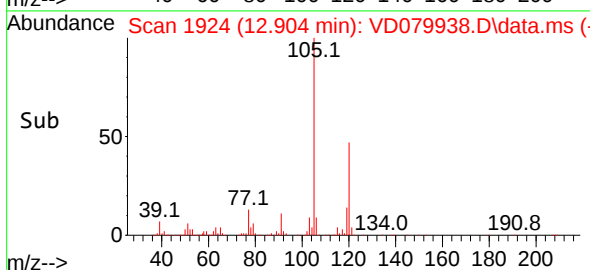
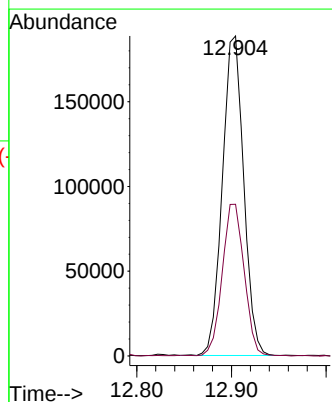
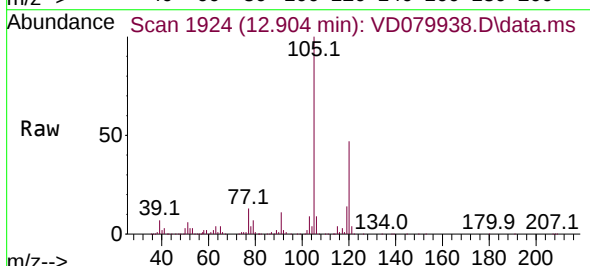
Instrument :
MSVOA_D
ClientSampleId :

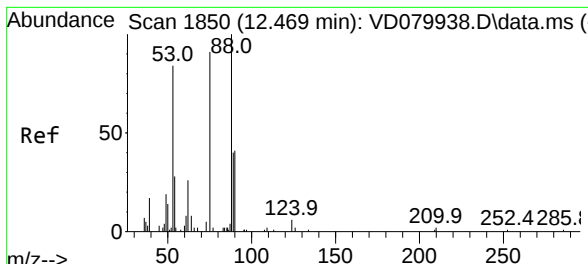
Tgt Ion: 91 Resp: 245923
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 44.543 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 105 Resp: 295723
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.4

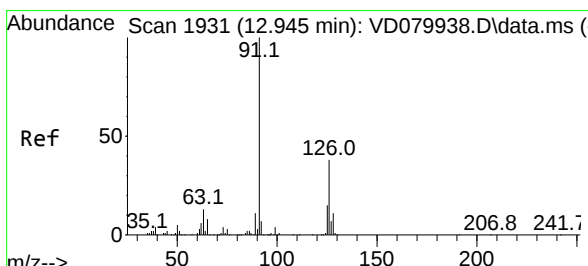
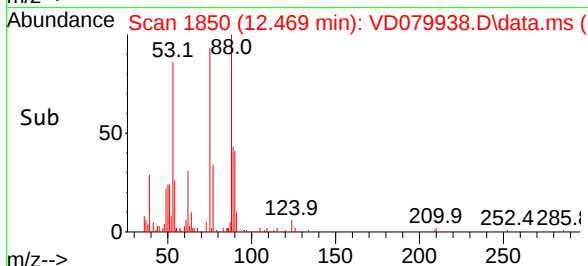
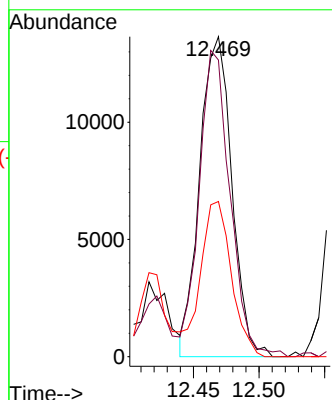
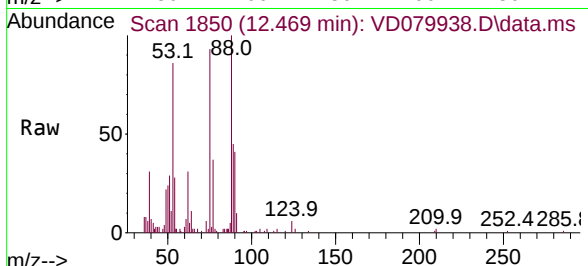




#81
trans-1,4-Dichloro-2-butene
Concen: 50.098 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

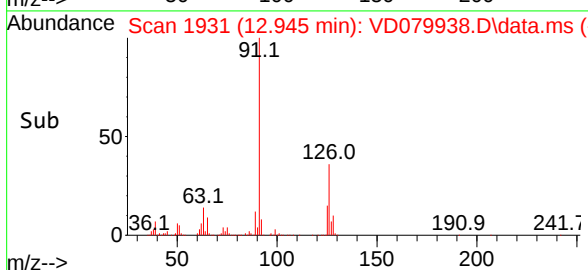
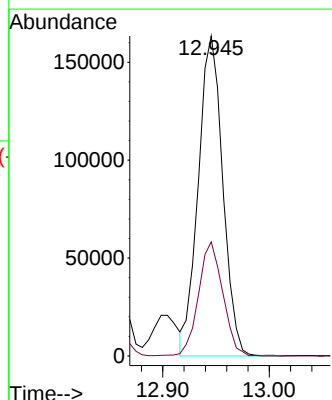
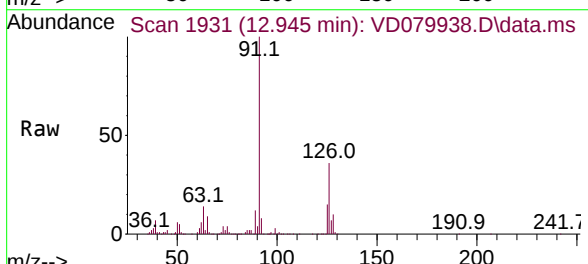
Instrument :
MSVOA_D
ClientSampleId :

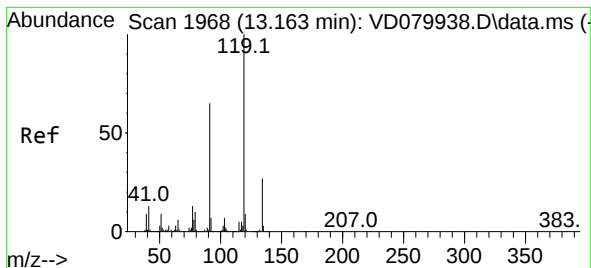
Tgt Ion: 75 Resp: 23196
Ion Ratio Lower Upper
75 100
53 92.1 73.7 110.5
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.272 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079938.D
Acq: 30 Sep 2024 15:53

Tgt Ion: 91 Resp: 261346
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.9

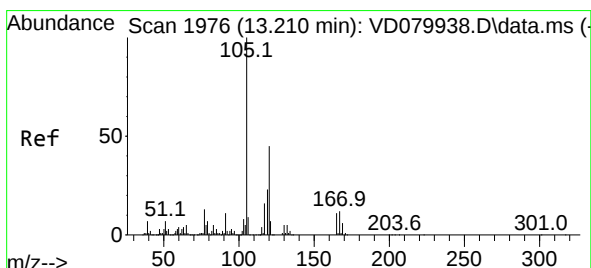
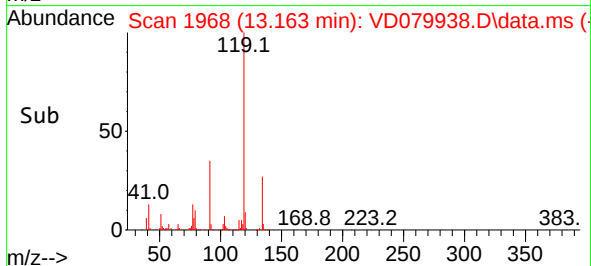
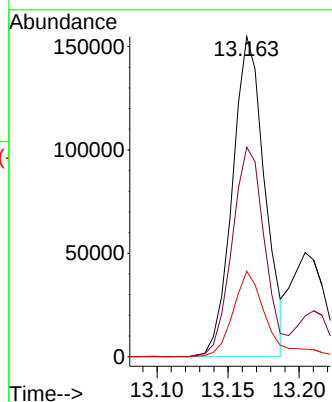
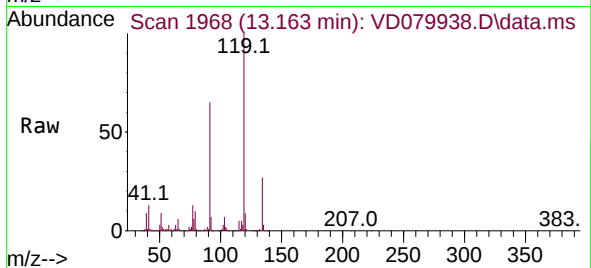




#83
 tert-Butylbenzene
 Concen: 44.154 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

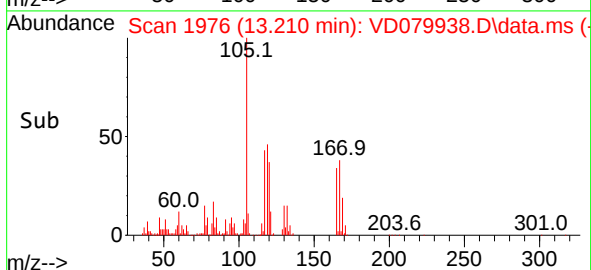
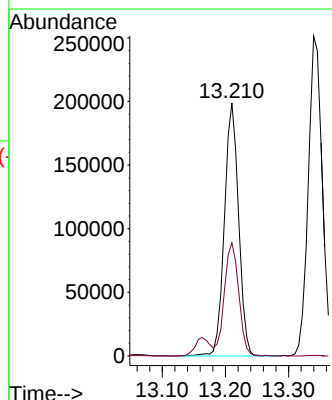
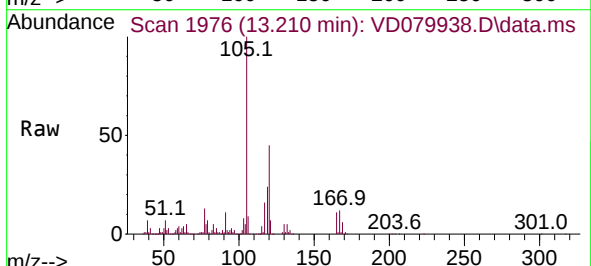
Instrument :
 MSVOA_D
 ClientSampleId :

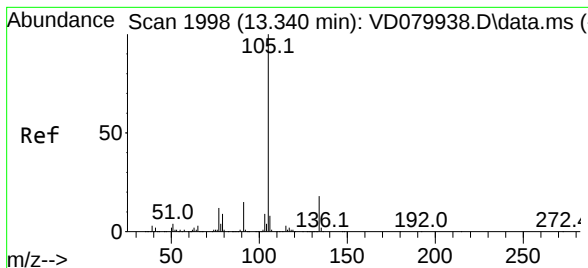
Tgt Ion:119 Resp: 244107
 Ion Ratio Lower Upper
 119 100
 91 67.0 33.5 100.5
 134 27.6 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 46.041 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

Tgt Ion:105 Resp: 310651
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.0





#85

sec-Butylbenzene

Concen: 45.515 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

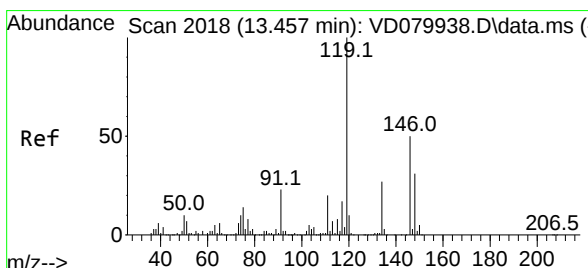
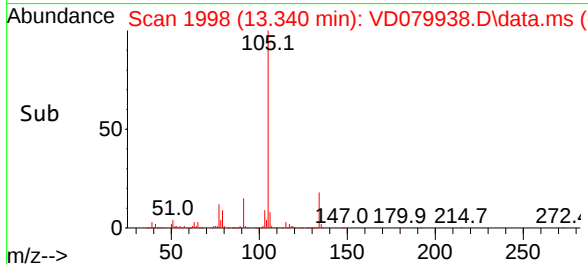
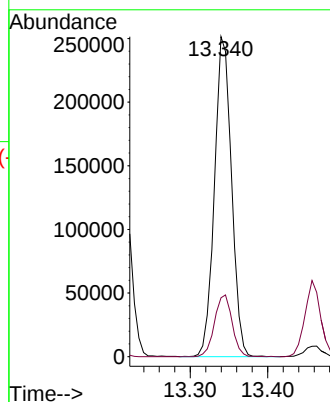
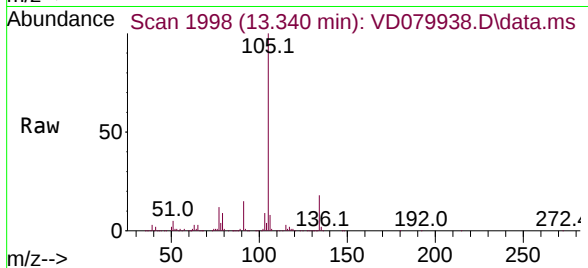
ClientSampleId :

Tgt Ion:105 Resp: 384512

Ion Ratio Lower Upper

105 100

134 19.9 10.0 29.8



#86

p-Isopropyltoluene

Concen: 44.590 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

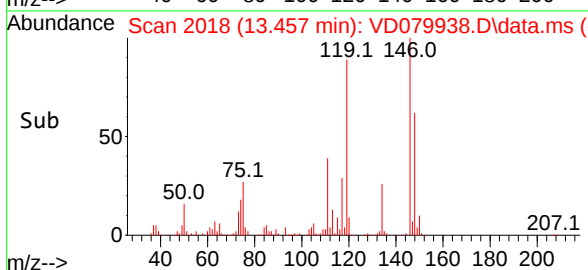
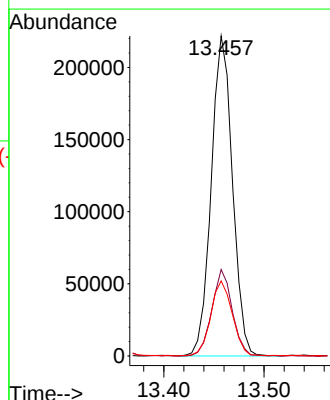
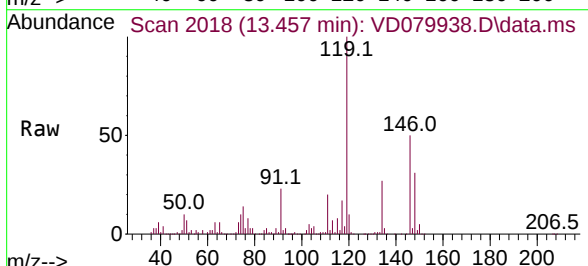
Tgt Ion:119 Resp: 325855

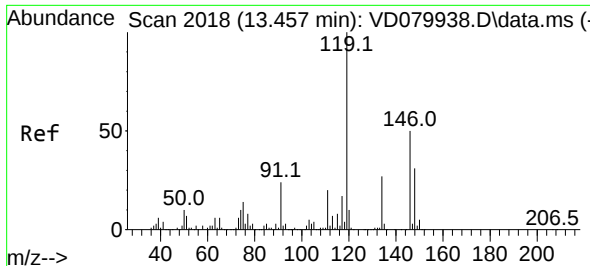
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.6 11.8 35.4

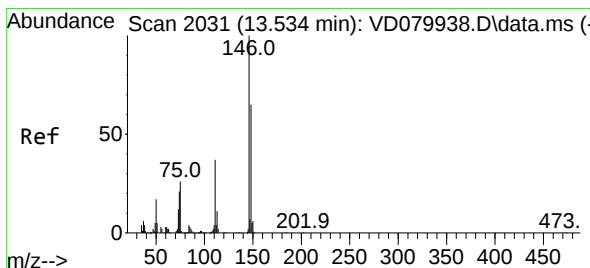
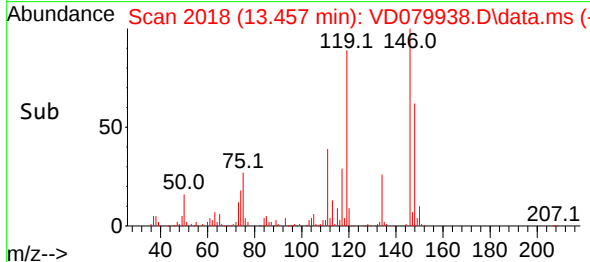
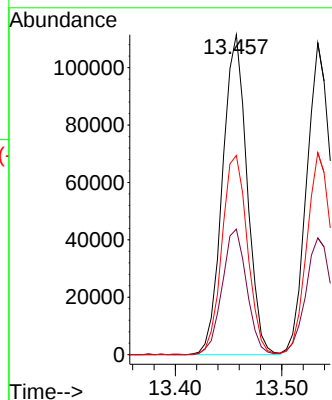
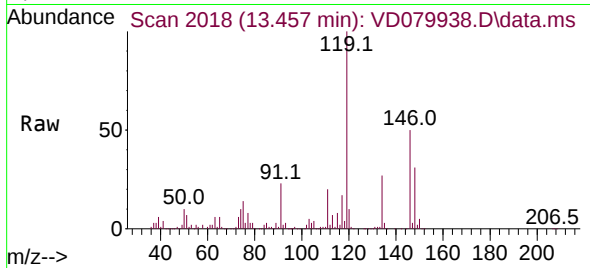




#87
 1,3-Dichlorobenzene
 Concen: 48.165 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

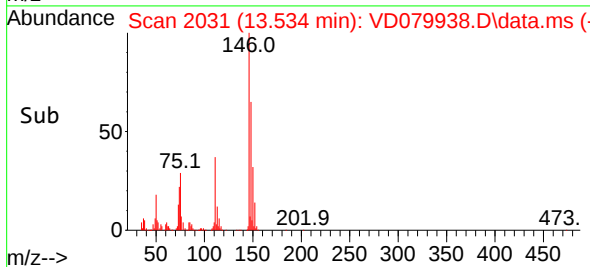
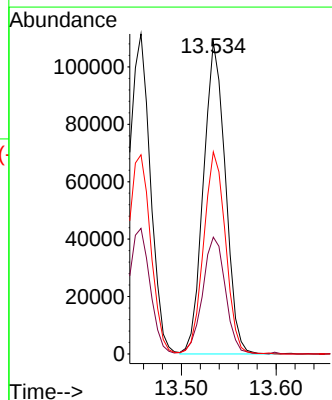
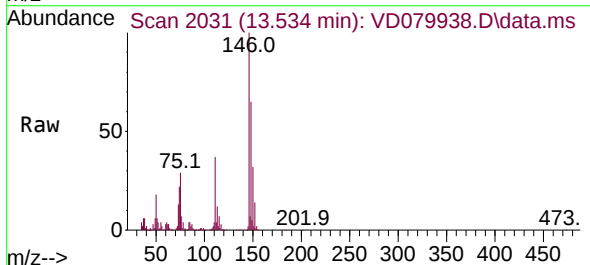
Instrument :
 MSVOA_D
 ClientSampleId :

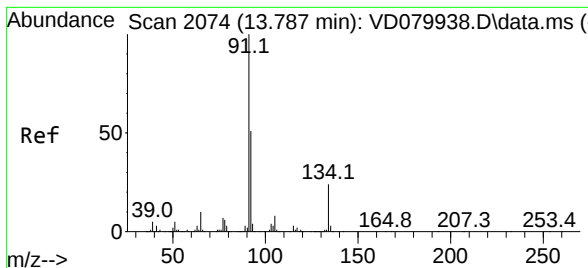
Tgt Ion:146 Resp: 178082
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.3
 148 64.7 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 47.779 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

Tgt Ion:146 Resp: 174759
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.4
 148 64.6 32.3 96.9





#89

n-Butylbenzene

Concen: 43.642 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

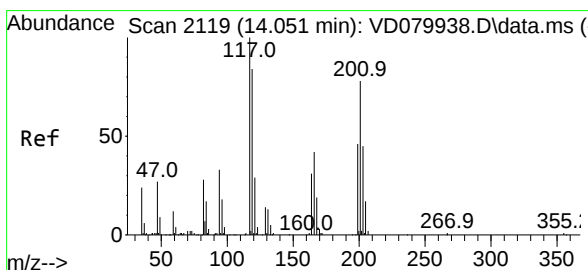
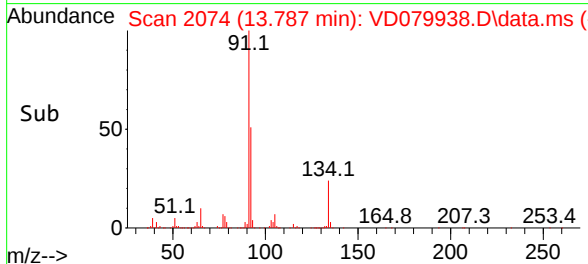
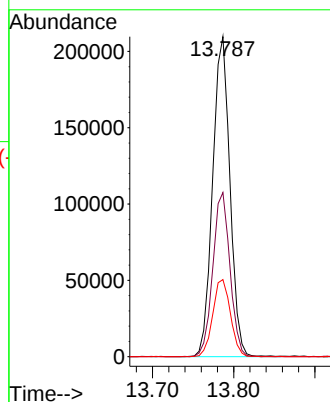
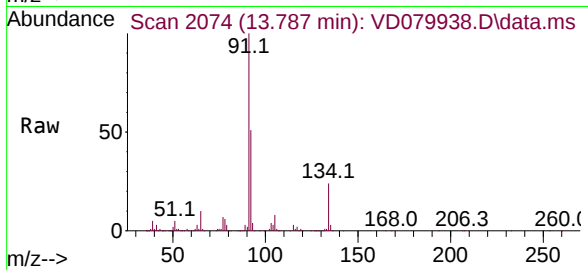
Tgt Ion: 91 Resp: 309192

Ion Ratio Lower Upper

91 100

92 51.2 25.6 76.8

134 24.8 12.4 37.2



#90

Hexachloroethane

Concen: 46.526 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD079938.D

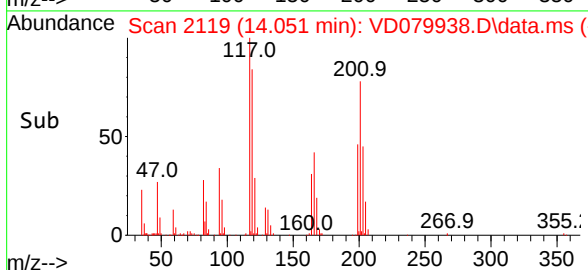
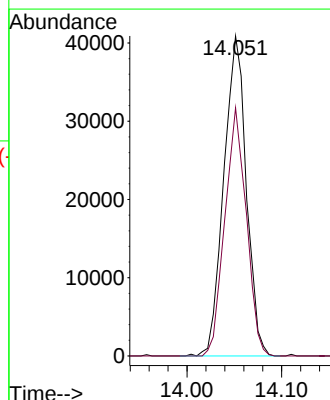
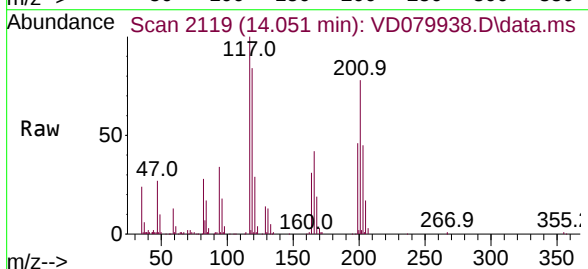
Acq: 30 Sep 2024 15:53

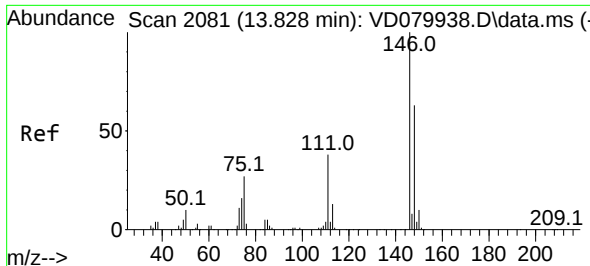
Tgt Ion: 117 Resp: 67536

Ion Ratio Lower Upper

117 100

201 73.9 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 49.925 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

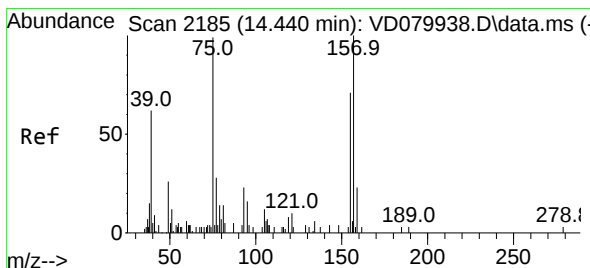
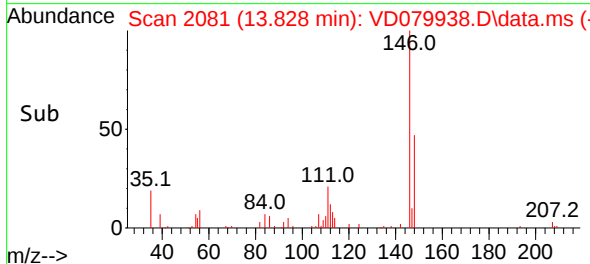
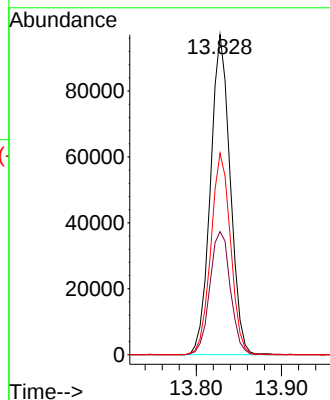
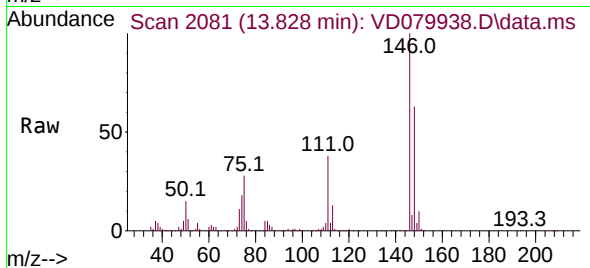
Tgt Ion:146 Resp: 155911

Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

148 62.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.031 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD079938.D

Acq: 30 Sep 2024 15:53

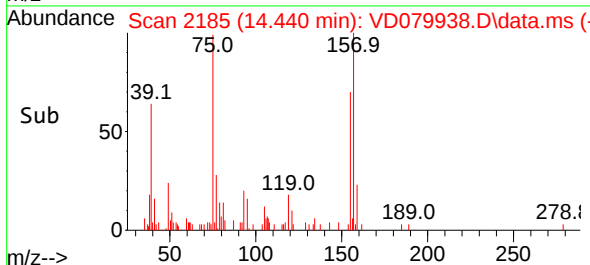
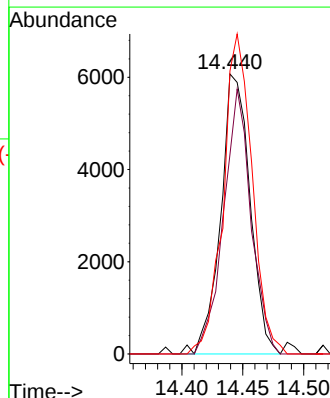
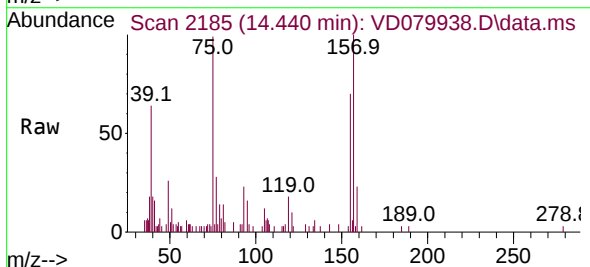
Tgt Ion: 75 Resp: 10201

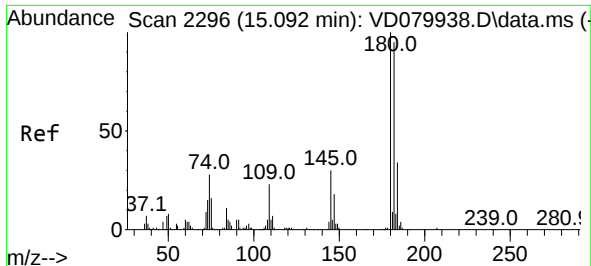
Ion Ratio Lower Upper

75 100

155 88.7 44.4 133.1

157 112.1 56.0 168.2

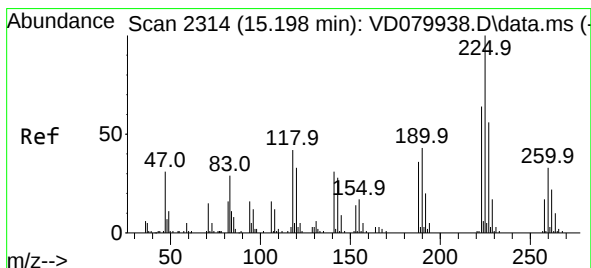
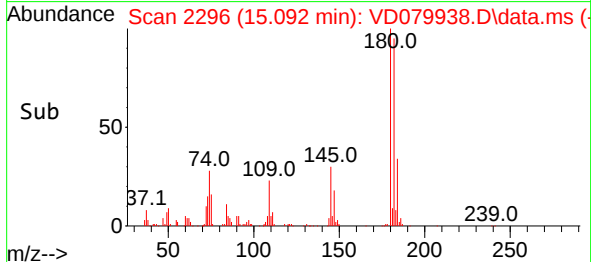
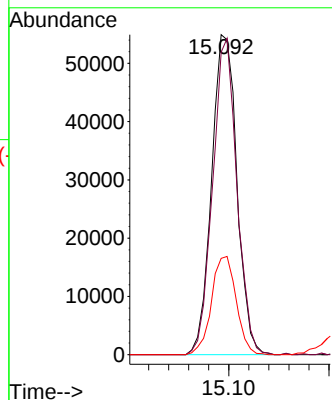
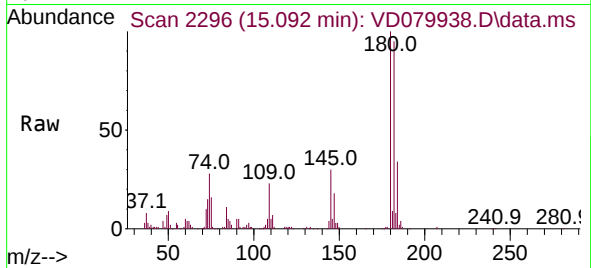




#93
 1,2,4-Trichlorobenzene
 Concen: 49.736 ug/l
 RT: 15.092 min Scan# 2296
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

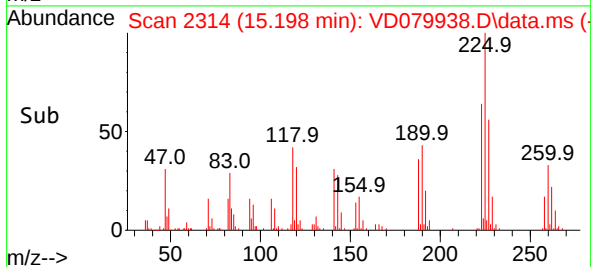
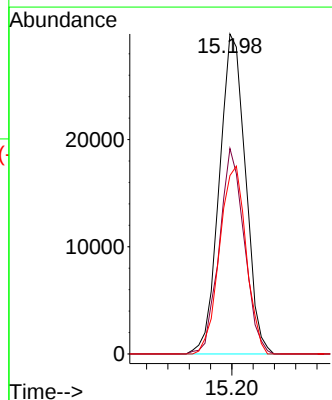
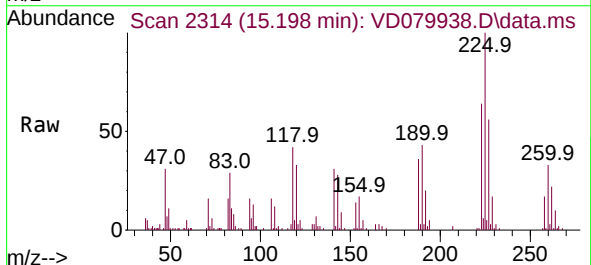
Instrument :
 MSVOA_D
 ClientSampleId :

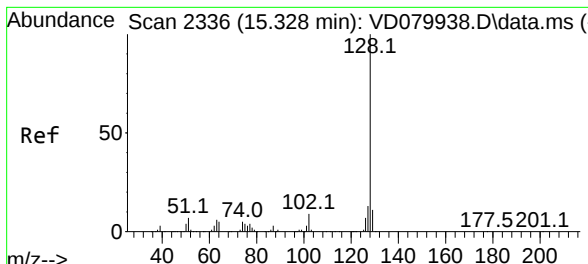
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	30.0	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 53.661 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.6	92.0
227	59.5	29.8	89.3

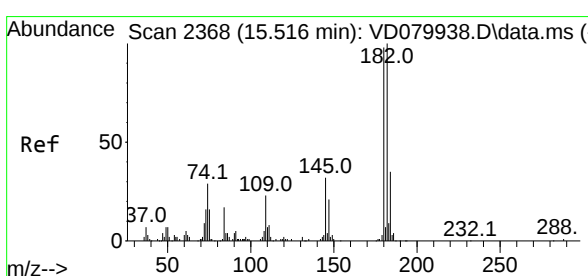
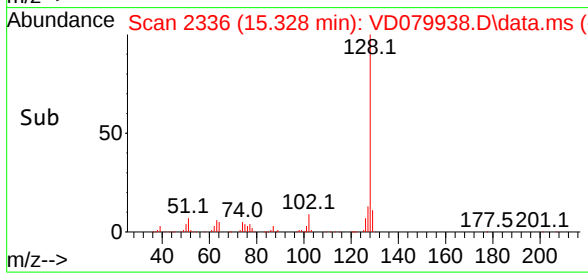
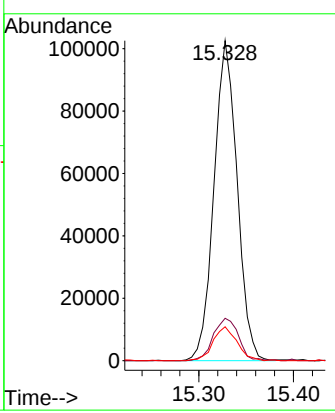
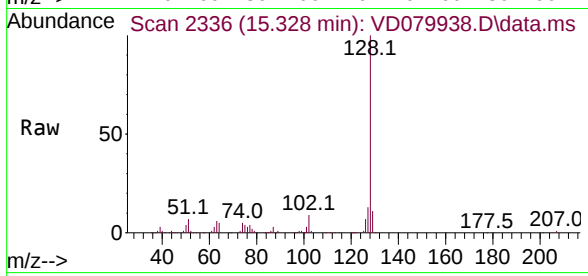




#95
 Naphthalene
 Concen: 48.740 ug/l
 RT: 15.328 min Scan# 2336
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	174323
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	10.6	8.5	12.7



#96
 1,2,3-Trichlorobenzene
 Concen: 51.708 ug/l
 RT: 15.516 min Scan# 2368
 Delta R.T. 0.000 min
 Lab File: VD079938.D
 Acq: 30 Sep 2024 15:53

Tgt Ion:	180	Resp:	84296
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.6	142.8
145	30.2	15.1	45.3

