

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079655.D
 Acq On : 07 Aug 2024 22:35
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 08 01:57:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	209451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	384590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107712	50.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.240%	
35) Dibromofluoromethane	7.810	113	118141	45.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.780%	
50) Toluene-d8	10.269	98	454137	44.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.860%	
62) 4-Bromofluorobenzene	12.569	95	128819	44.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	72354	44.089	ug/l	96
3) Chloromethane	2.146	50	151815	50.206	ug/l	98
4) Vinyl Chloride	2.281	62	179133	49.824	ug/l	99
5) Bromomethane	2.693	94	127088	56.337	ug/l	98
6) Chloroethane	2.834	64	128542	55.638	ug/l	98
7) Trichlorofluoromethane	3.175	101	167862	46.947	ug/l	97
8) Diethyl Ether	3.593	74	57441	53.183	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.970	101	104060	46.015	ug/l	96
10) Methyl Iodide	4.164	142	136822	49.811	ug/l	96
11) Tert butyl alcohol	5.052	59	25236	263.383	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	110897	49.003	ug/l	90
13) Acrolein	3.793	56	29781	198.760	ug/l	96
14) Allyl chloride	4.564	41	161252	53.959	ug/l #	86
15) Acrylonitrile	5.252	53	133453	264.419	ug/l	98
16) Acetone	4.028	43	89055	215.356	ug/l	96
17) Carbon Disulfide	4.269	76	348055	46.593	ug/l	100
18) Methyl Acetate	4.564	43	64902	50.550	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	241723	52.327	ug/l	98
20) Methylene Chloride	4.799	84	164009	54.790	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	128475	50.535	ug/l	90
22) Diisopropyl ether	6.216	45	374127	56.267	ug/l #	93
23) Vinyl Acetate	6.158	43	1388952	277.887	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	239256	53.695	ug/l	95
25) 2-Butanone	7.087	43	142653	243.326	ug/l	89
26) 2,2-Dichloropropane	7.075	77	179680	49.853	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	149846	51.565	ug/l	87
28) Bromochloromethane	7.428	49	113662	58.171	ug/l #	67
29) Tetrahydrofuran	7.446	42	96358	265.212	ug/l #	80
30) Chloroform	7.599	83	236115	52.327	ug/l	99
31) Cyclohexane	7.875	56	162140	45.882	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	189998	51.028	ug/l	97
36) 1,1-Dichloropropene	8.010	75	161557	45.471	ug/l	95
37) Ethyl Acetate	7.169	43	73212	50.258	ug/l	95
38) Carbon Tetrachloride	7.993	117	166039	44.455	ug/l	98
39) Methylcyclohexane	9.275	83	176269	41.581	ug/l	93
40) Benzene	8.252	78	531690	47.116	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	42734	53.332	ug/l #	79
42) 1,2-Dichloroethane	8.328	62	127689	47.484	ug/l	97
43) Isopropyl Acetate	8.363	43	130240	47.572	ug/l #	93
44) Trichloroethene	9.034	130	130041	46.292	ug/l	91
45) 1,2-Dichloropropane	9.305	63	134373	48.930	ug/l	98
46) Dibromomethane	9.393	93	69950	45.946	ug/l	91
47) Bromodichloromethane	9.581	83	174578	46.701	ug/l	98
48) Methyl methacrylate	9.381	41	60908	49.711	ug/l	86
49) 1,4-Dioxane	9.387	88	12147	769.999	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	340370	243.510	ug/l	94
52) Toluene	10.334	92	328129	47.015	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	158675	45.964	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	194901	46.936	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	92366	46.056	ug/l	92
56) Ethyl methacrylate	10.599	69	114001	47.975	ug/l	91
57) 1,3-Dichloropropane	10.881	76	160335	47.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	280295	255.773	ug/l	90
59) 2-Hexanone	10.922	43	229039	234.952	ug/l	94
60) Dibromochloromethane	11.075	129	116395	44.428	ug/l	99
61) 1,2-Dibromoethane	11.175	107	81722	43.496	ug/l	96
64) Tetrachloroethene	10.810	164	98822	42.085	ug/l	95
65) Chlorobenzene	11.604	112	354160	45.928	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	119145	46.961	ug/l	96
67) Ethyl Benzene	11.681	91	610845	48.389	ug/l	98
68) m/p-Xylenes	11.793	106	469930	93.831	ug/l	93
69) o-Xylene	12.116	106	216185	47.093	ug/l	89
70) Styrene	12.134	104	387354	48.130	ug/l	96
71) Bromoform	12.298	173	61235	42.694	ug/l #	98
73) Isopropylbenzene	12.416	105	557162	45.322	ug/l	100
74) N-amyl acetate	12.228	43	124920	51.326	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	104036	48.396	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	129573	89.582	ug/l #	100
77) Bromobenzene	12.698	156	127323	45.888	ug/l	85
78) n-propylbenzene	12.757	91	681992	49.305	ug/l	96
79) 2-Chlorotoluene	12.846	91	383948	49.851	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	458557	49.748	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	37995	50.101	ug/l	97
82) 4-Chlorotoluene	12.946	91	393381	48.994	ug/l	96
83) tert-Butylbenzene	13.163	119	393754	44.528	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	463649	45.071	ug/l	98
85) sec-Butylbenzene	13.340	105	590609	48.172	ug/l	99
86) p-Isopropyltoluene	13.457	119	489069	42.764	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	255860	44.517	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	250583	44.346	ug/l	96
89) n-Butylbenzene	13.781	91	447308	42.377	ug/l	98
90) Hexachloroethane	14.051	117	97395	45.418	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	222752	45.348	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13718	47.959	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	126330	40.819	ug/l	98
94) Hexachlorobutadiene	15.198	225	64211	38.442	ug/l	97
95) Naphthalene	15.328	128	243564	45.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	112092	41.174	ug/l	99

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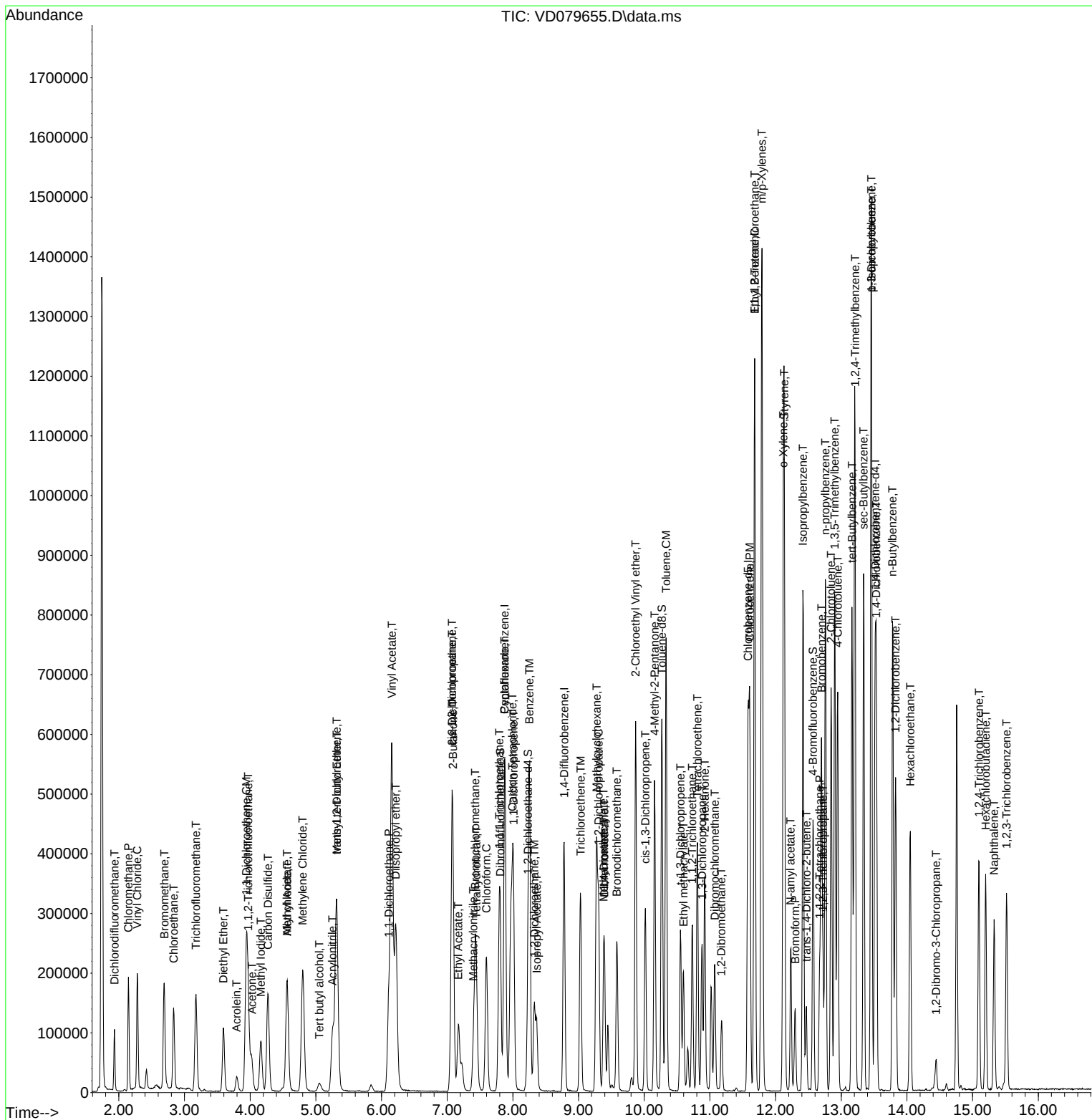
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MSVOA_D
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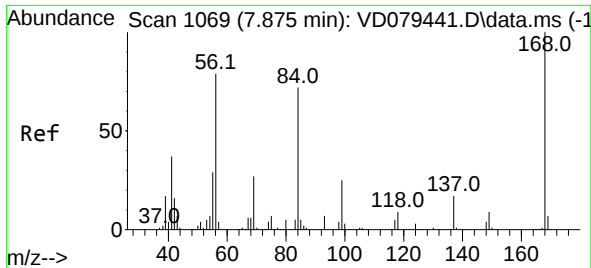
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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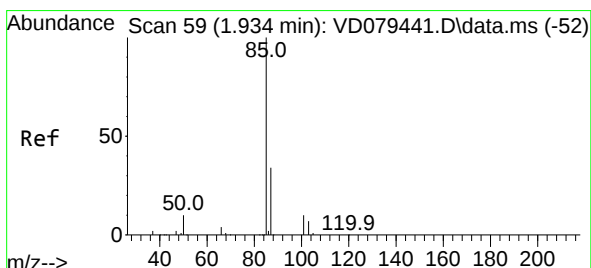
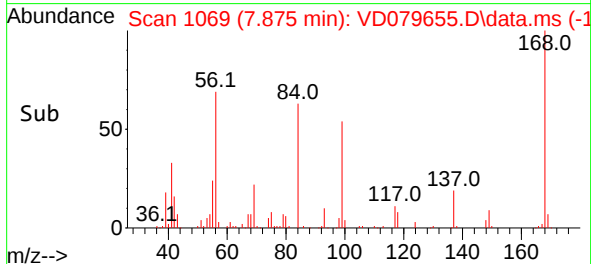
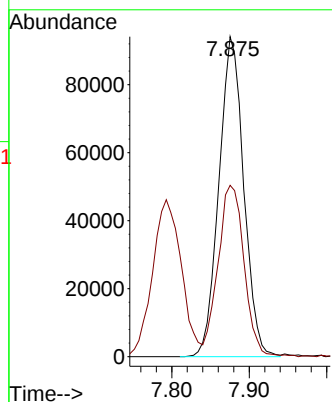
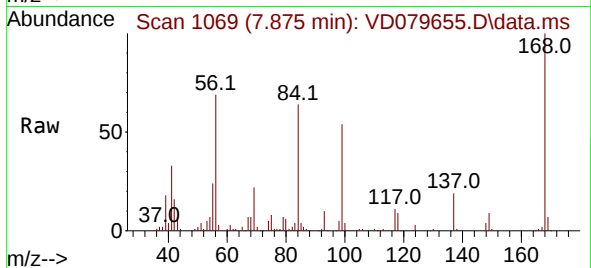




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079655.D
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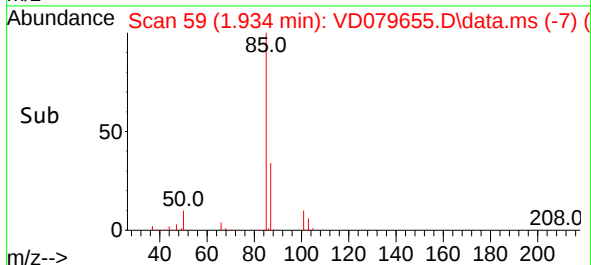
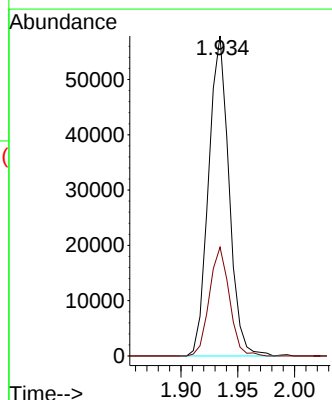
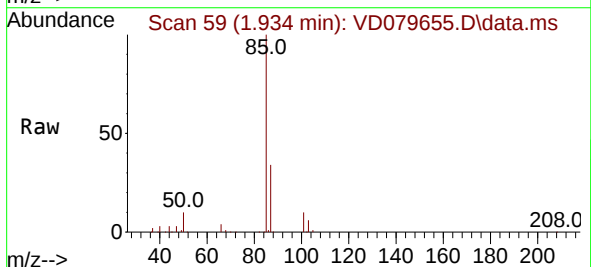
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MSVOA_D
ClientSampleId :

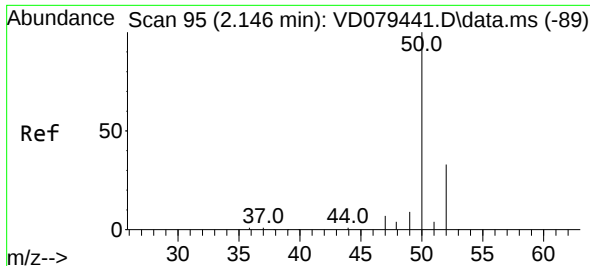
Tgt Ion:168 Resp: 209451
Ion Ratio Lower Upper
168 100
99 53.1 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 44.089 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 85 Resp: 72354
Ion Ratio Lower Upper
85 100
87 34.0 16.0 48.0

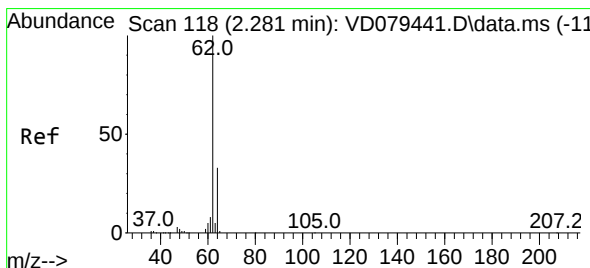
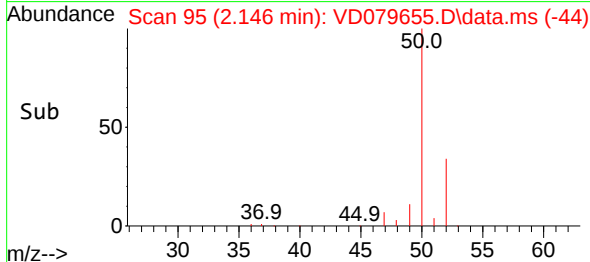
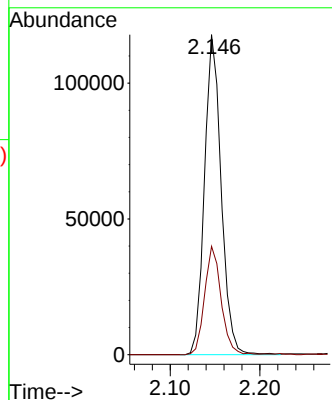
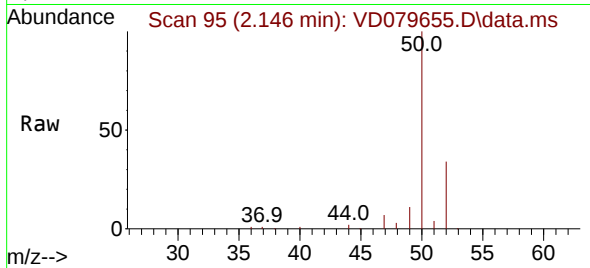




#3
Chloromethane
Concen: 50.206 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

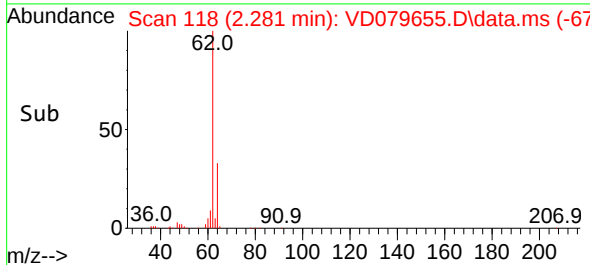
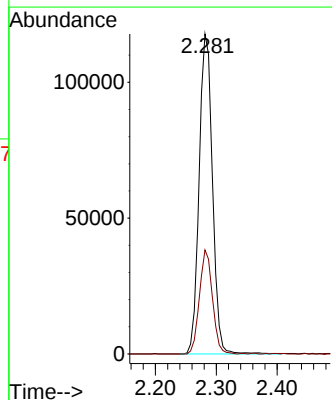
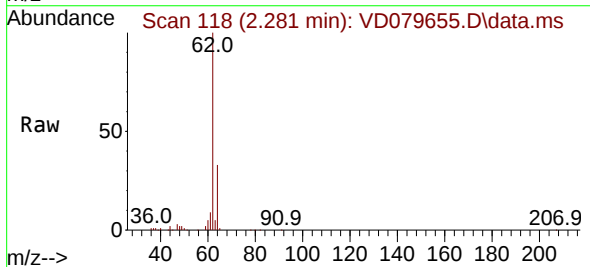
Instrument :
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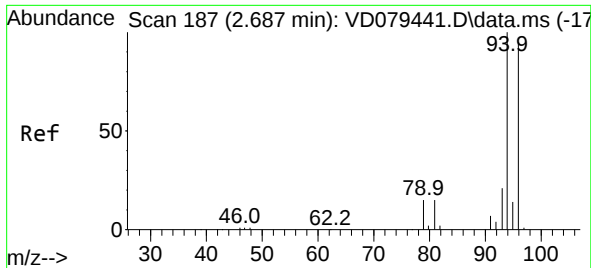
Tgt Ion: 50 Resp: 151815
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2



#4
Vinyl Chloride
Concen: 49.824 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 62 Resp: 179133
Ion Ratio Lower Upper
62 100
64 32.5 26.3 39.5

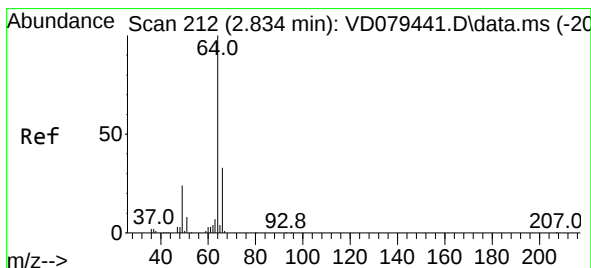
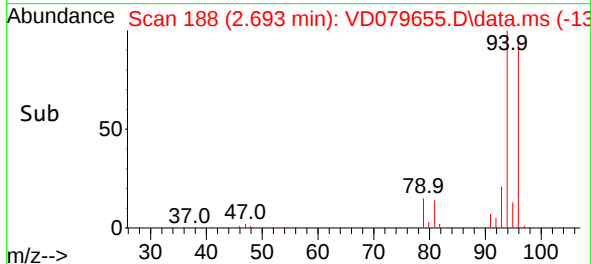
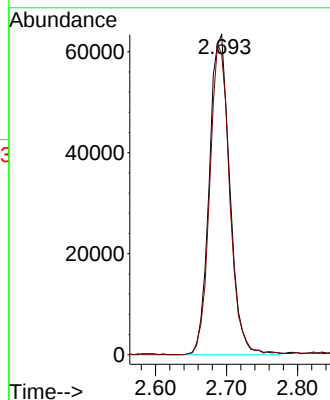
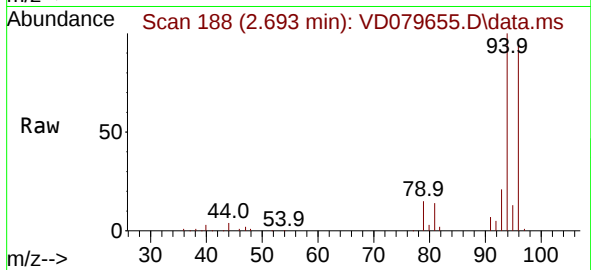




#5
Bromomethane
Concen: 56.337 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

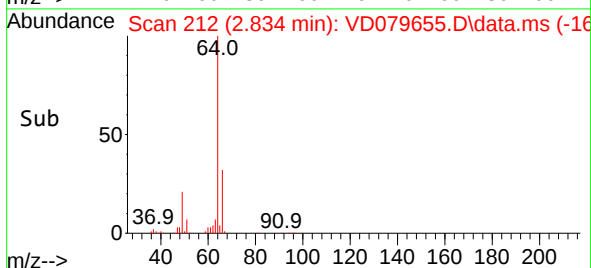
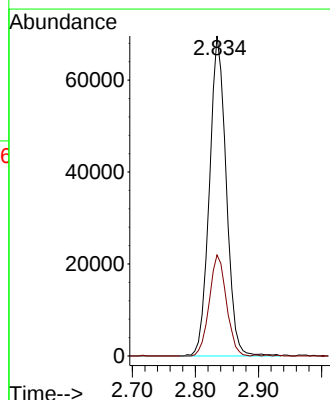
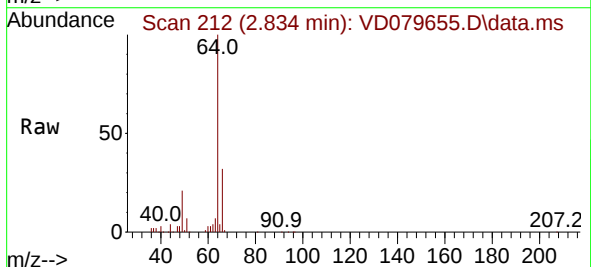
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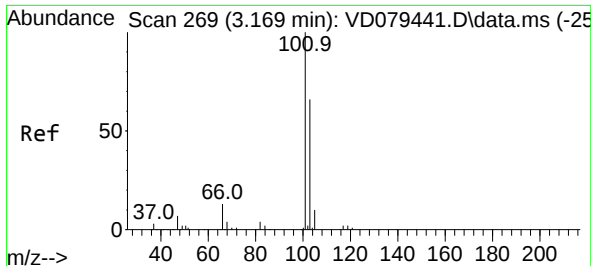
Tgt Ion: 94 Resp: 127088
Ion Ratio Lower Upper
94 100
96 94.1 76.9 115.3



#6
Chloroethane
Concen: 55.638 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079655.D
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Tgt Ion: 64 Resp: 128542
Ion Ratio Lower Upper
64 100
66 31.6 24.5 36.7

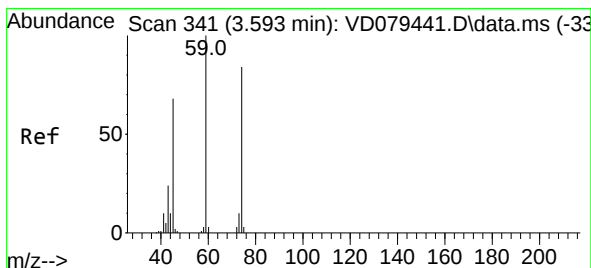
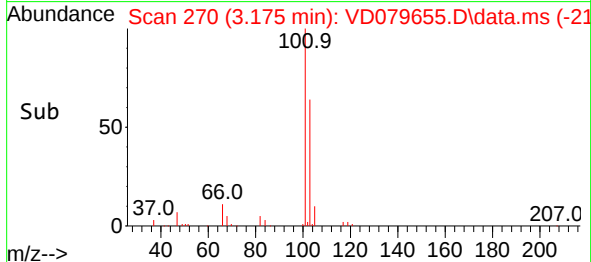
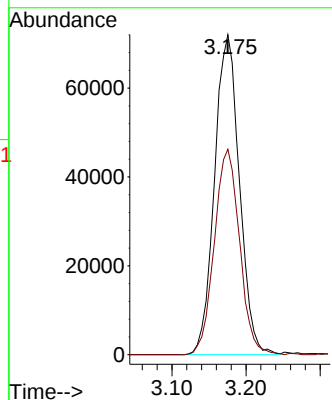
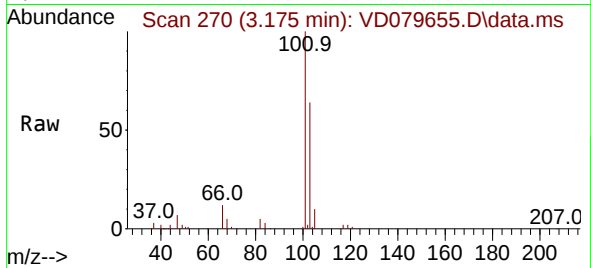




#7
Trichlorofluoromethane
Concen: 46.947 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

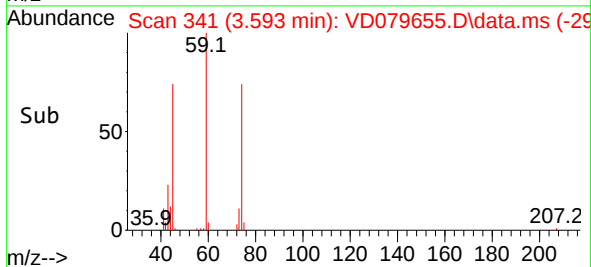
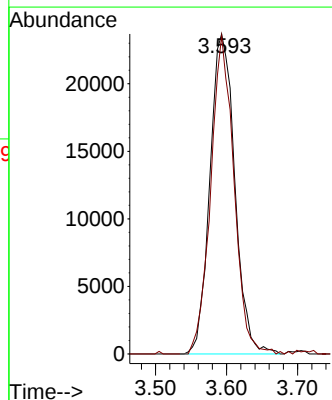
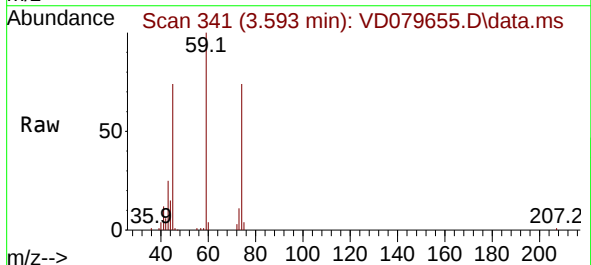
Instrument :
MSVOA_D
ClientSampleId :

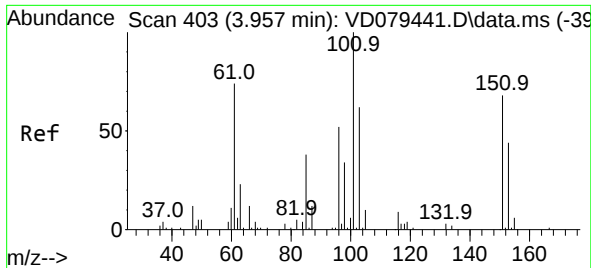
Tgt Ion:101 Resp: 167862
Ion Ratio Lower Upper
101 100
103 64.2 53.2 79.8



#8
Diethyl Ether
Concen: 53.183 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD079655.D
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Tgt Ion: 74 Resp: 57441
Ion Ratio Lower Upper
74 100
45 93.0 37.9 113.6

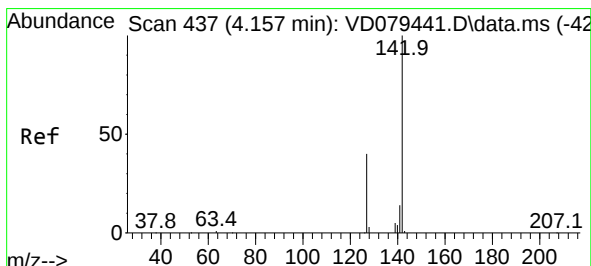
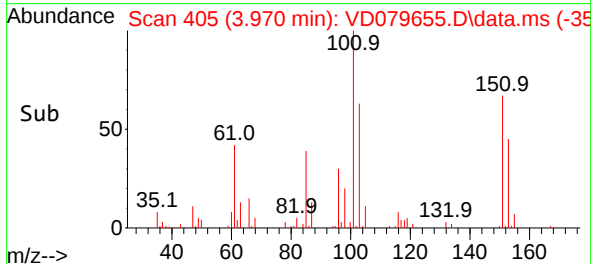
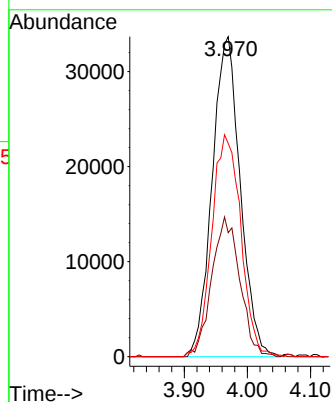
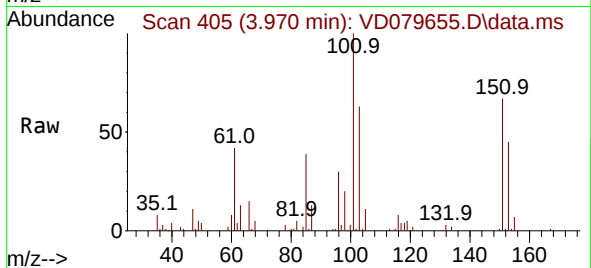




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.015 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

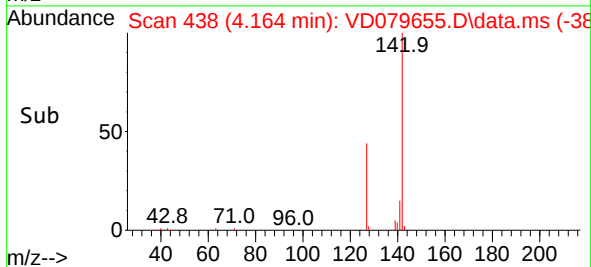
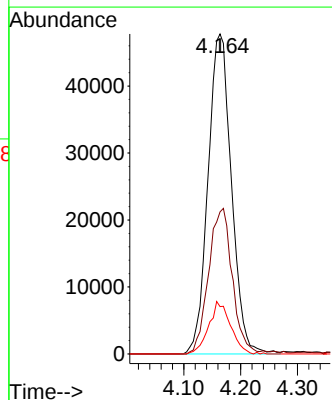
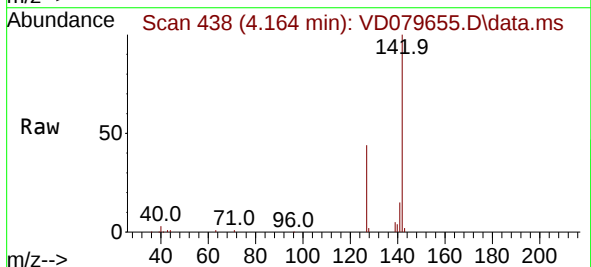
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 104060
Ion Ratio Lower Upper
101 100
85 43.5 33.5 50.3
151 71.6 60.3 90.5



#10
Methyl Iodide
Concen: 49.811 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.012 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

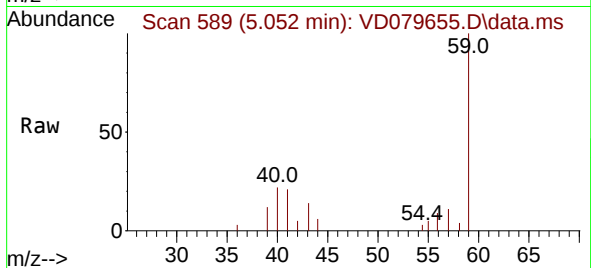
Tgt Ion:142 Resp: 136822
Ion Ratio Lower Upper
142 100
127 45.9 34.2 51.4
141 15.2 11.7 17.5



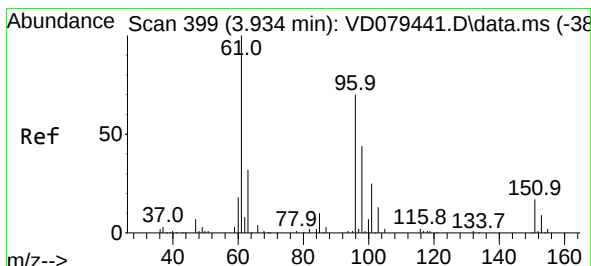
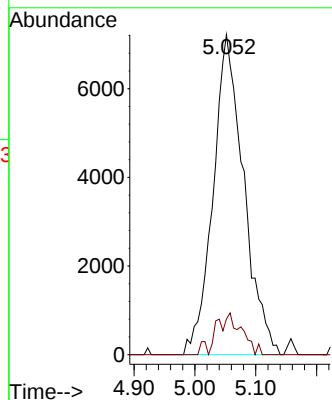
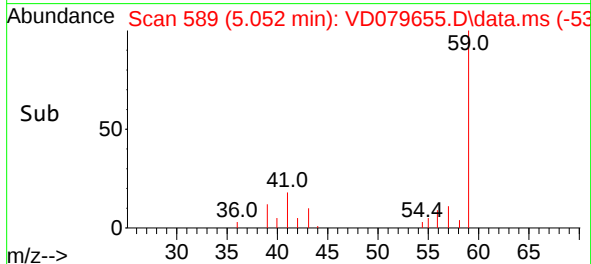


#11
Tert butyl alcohol
Concen: 263.383 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

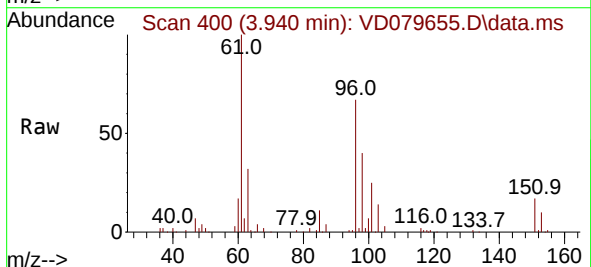
Instrument :
MSVOA_D
ClientSampleId :



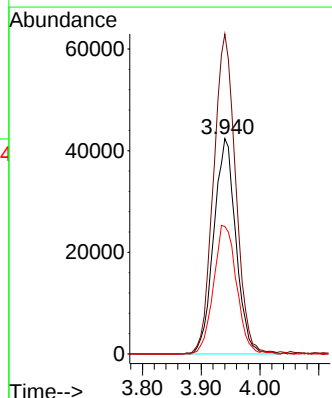
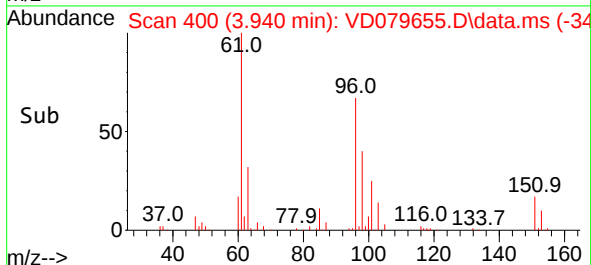
Tgt Ion: 59 Resp: 25236
Ion Ratio Lower Upper
59 100
57 6.9 3.6 5.4#

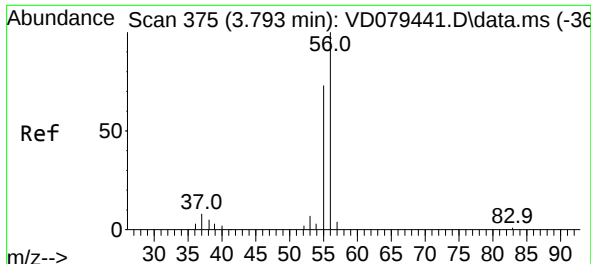


#12
1,1-Dichloroethene
Concen: 49.003 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35



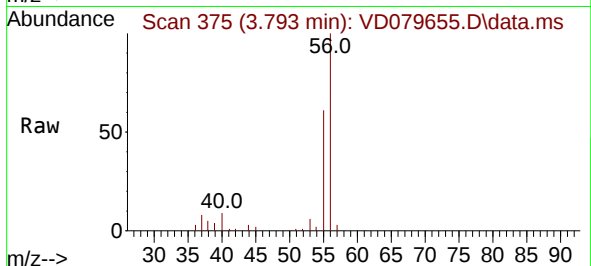
Tgt Ion: 96 Resp: 110897
Ion Ratio Lower Upper
96 100
61 148.6 107.3 160.9
98 59.2 51.7 77.5



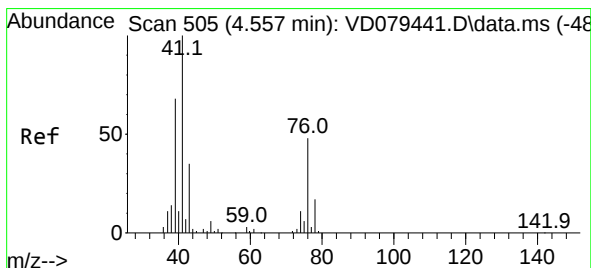
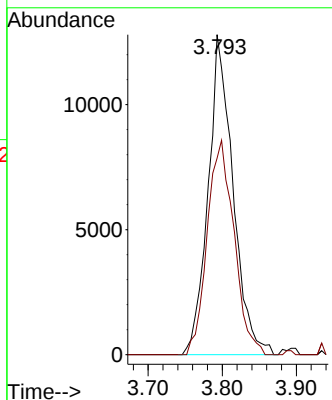
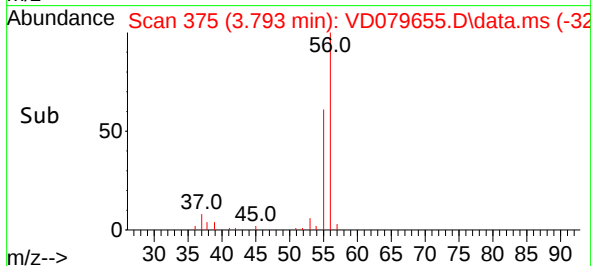


#13
Acrolein
Concen: 198.760 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

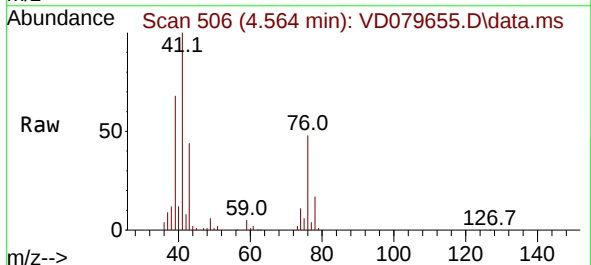
Instrument :
MSVOA_D
ClientSampleId :



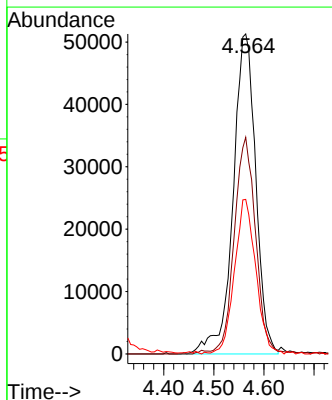
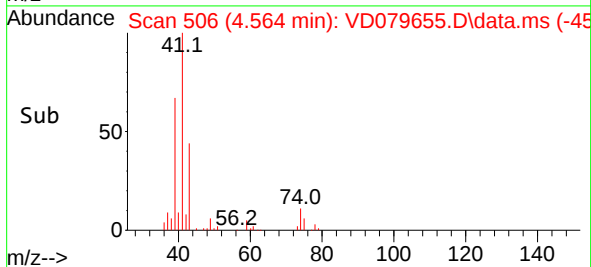
Tgt Ion: 56 Resp: 29781
Ion Ratio Lower Upper
56 100
55 72.3 55.3 82.9



#14
Allyl chloride
Concen: 53.959 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35



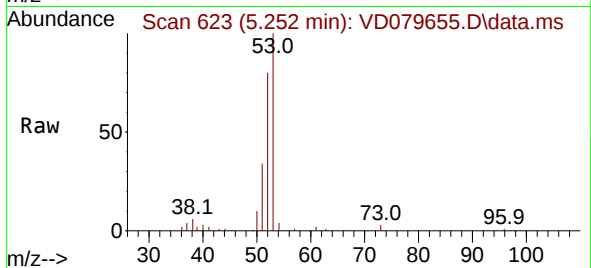
Tgt Ion: 41 Resp: 161252
Ion Ratio Lower Upper
41 100
39 62.1 58.0 87.0
76 45.5 45.9 68.9#



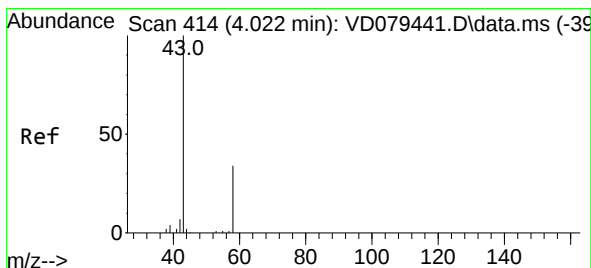
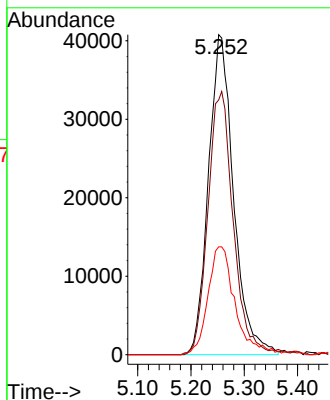
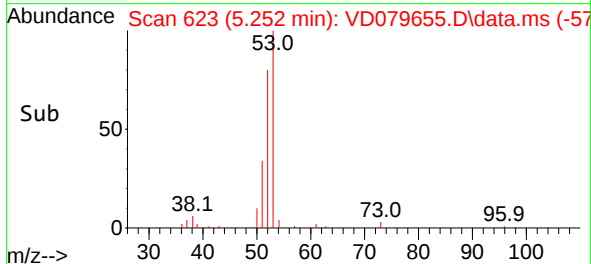


#15
Acrylonitrile
Concen: 264.419 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Instrument :
MSVOA_D
ClientSampleId :

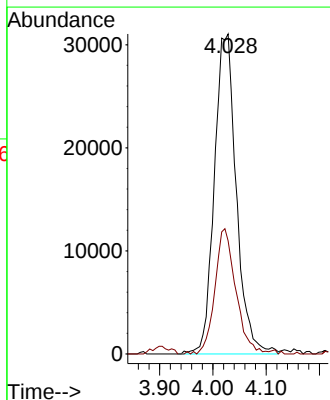
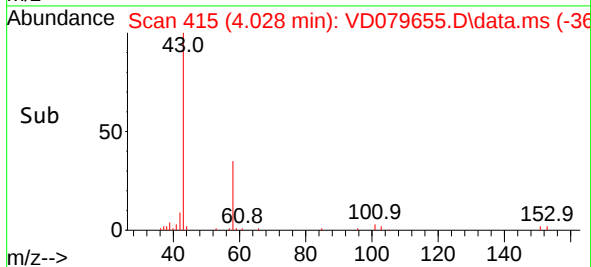
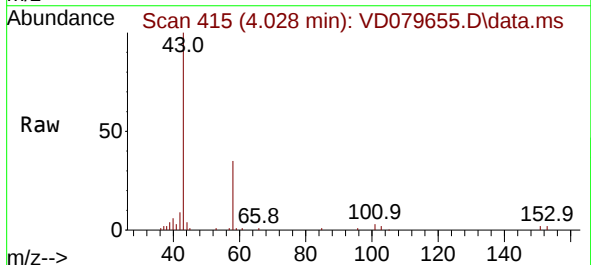


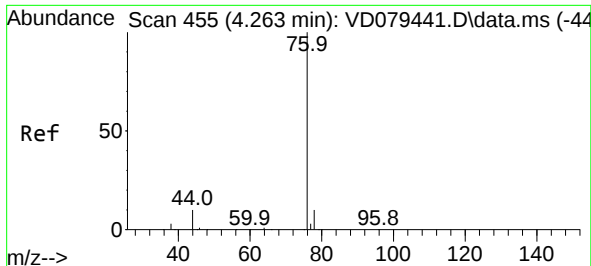
Tgt Ion: 53 Resp: 133453
Ion Ratio Lower Upper
53 100
52 82.2 67.7 101.5
51 36.4 28.6 42.8



#16
Acetone
Concen: 215.356 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 43 Resp: 89055
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

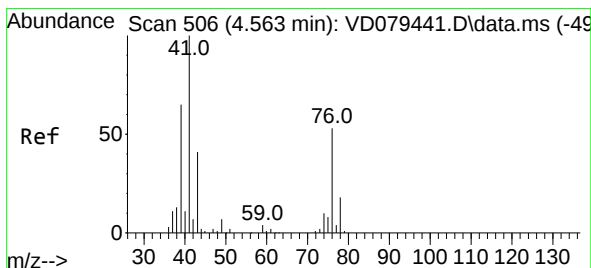
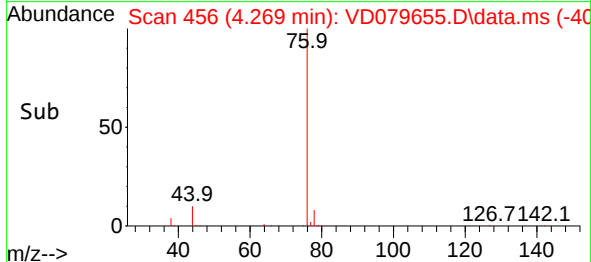
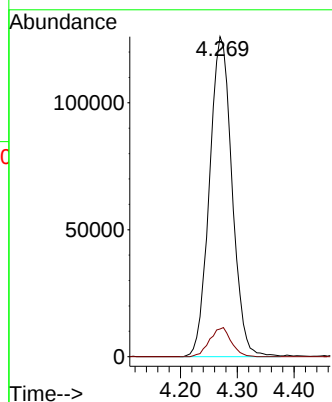
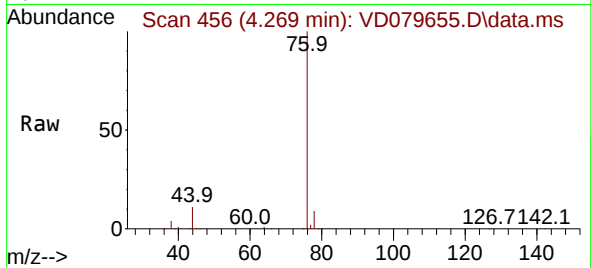




#17
Carbon Disulfide
Concen: 46.593 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

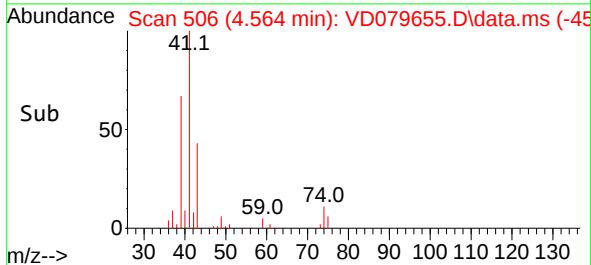
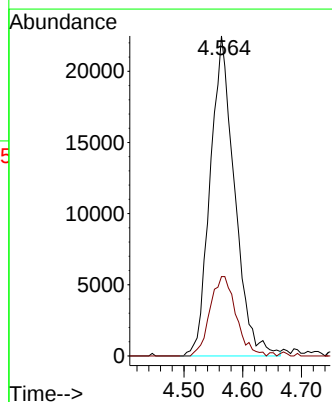
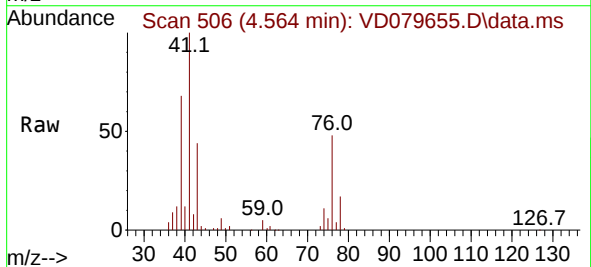
Instrument :
MSVOA_D
ClientSampleId :

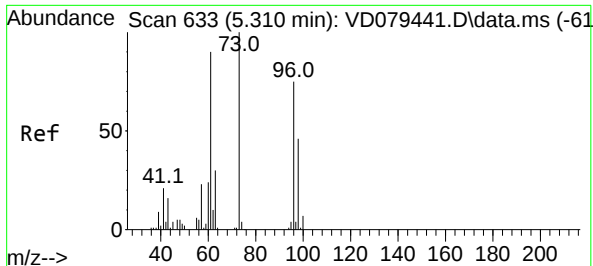
Tgt Ion: 76 Resp: 348055
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 50.550 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 43 Resp: 64902
Ion Ratio Lower Upper
43 100
74 26.4 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 52.327 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

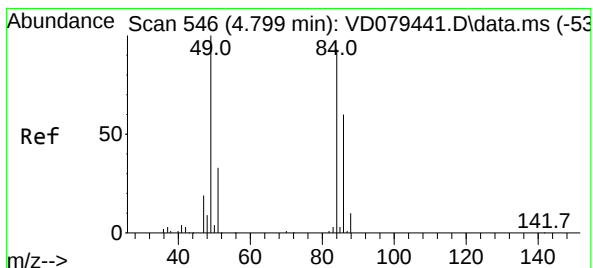
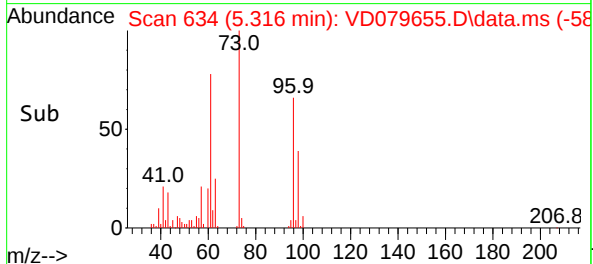
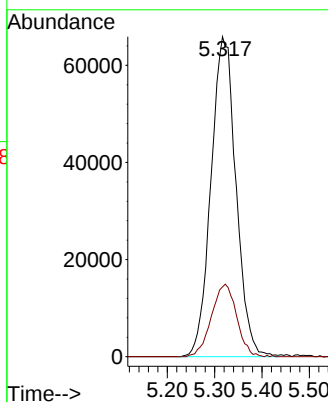
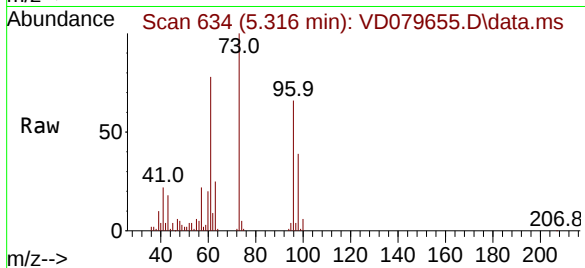
ClientSampleId :

Tgt Ion: 73 Resp: 241723

Ion Ratio Lower Upper

73 100

57 21.8 18.3 27.5



#20

Methylene Chloride

Concen: 54.790 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Tgt Ion: 84 Resp: 164009

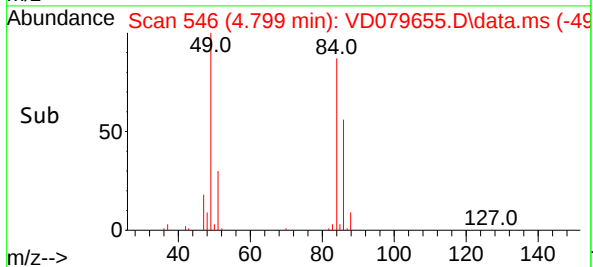
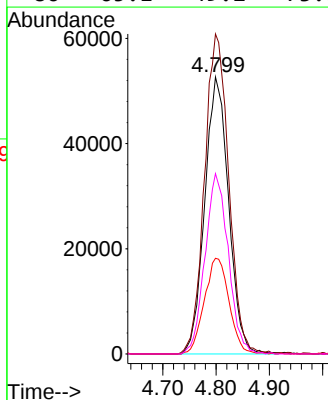
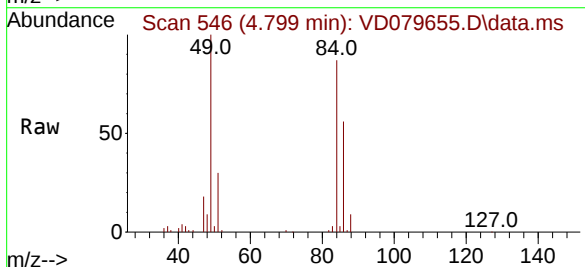
Ion Ratio Lower Upper

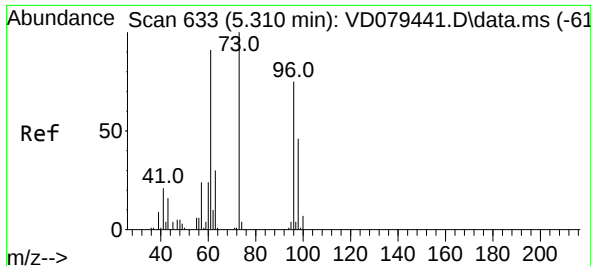
84 100

49 115.5 75.6 113.4#

51 34.5 24.2 36.2

86 65.1 49.2 73.8

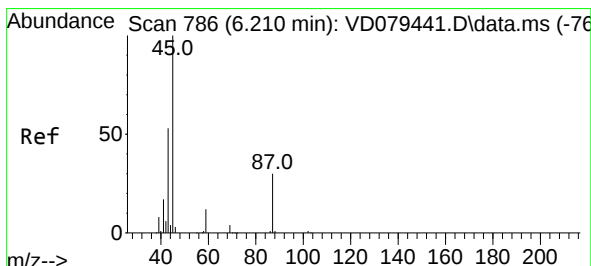
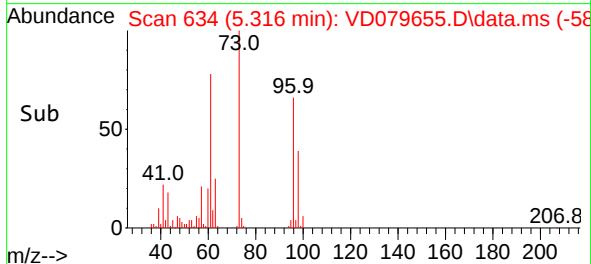
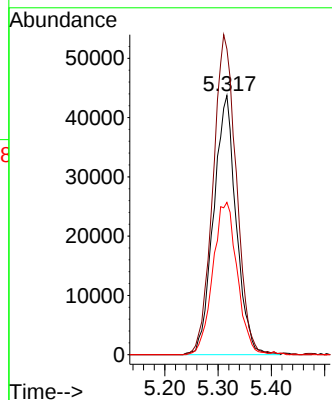
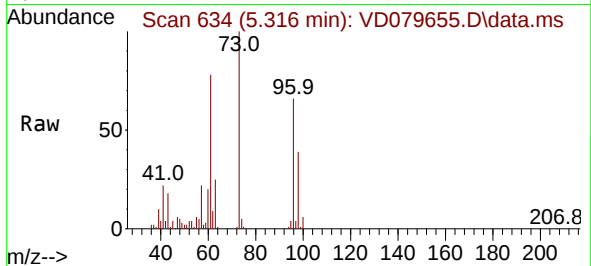




#21
trans-1,2-Dichloroethene
Concen: 50.535 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

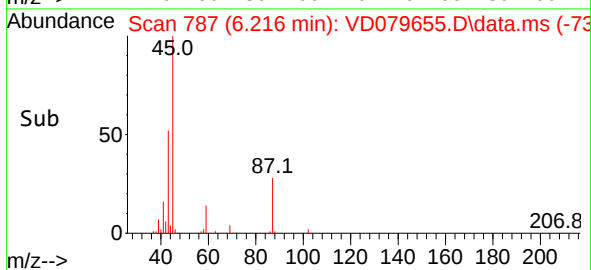
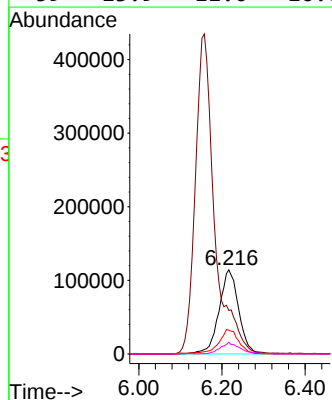
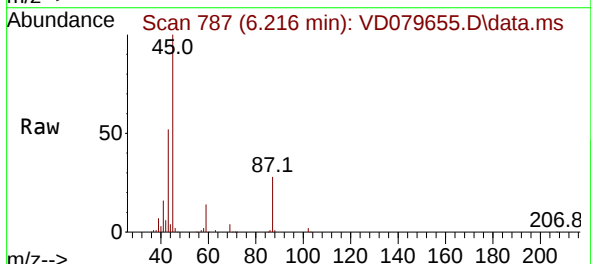
Instrument :
MSVOA_D
ClientSampleId :

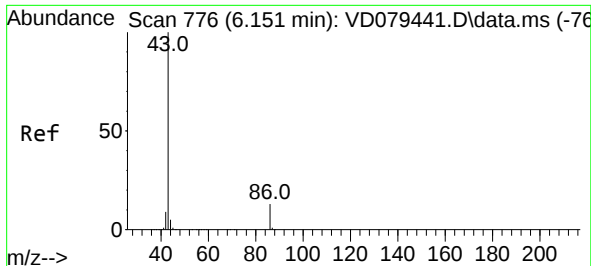
Tgt Ion: 96 Resp: 128475
Ion Ratio Lower Upper
96 100
61 117.9 84.5 126.7
98 58.7 50.5 75.7



#22
Diisopropyl ether
Concen: 56.267 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 45 Resp: 374127
Ion Ratio Lower Upper
45 100
43 50.9 41.7 62.5
87 28.0 30.2 45.2#
59 13.9 11.0 16.6

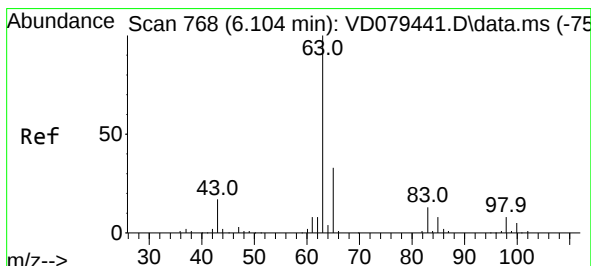
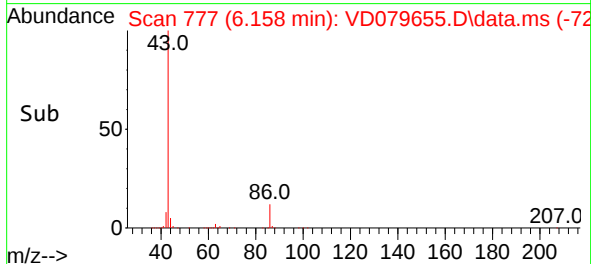
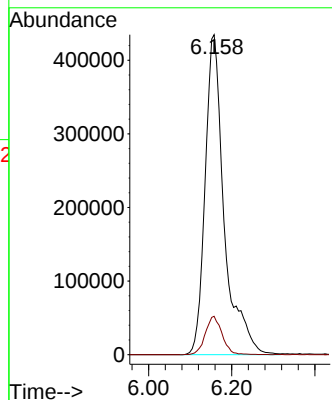
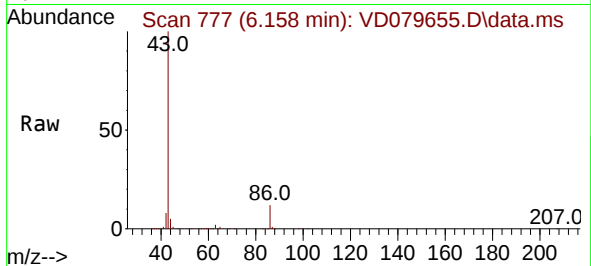




#23
 Vinyl Acetate
 Concen: 277.887 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079655.D
 Acq: 07 Aug 2024 22:35

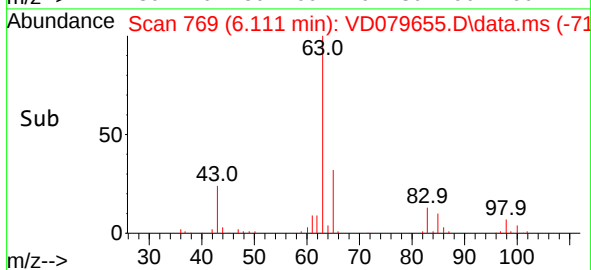
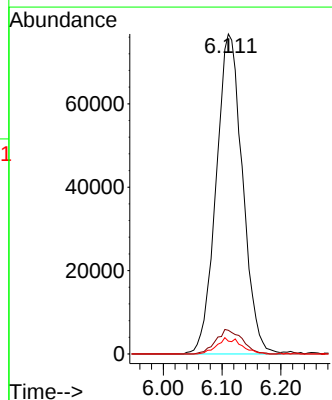
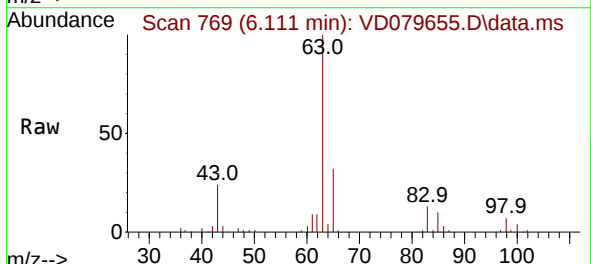
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 1388952
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 53.695 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079655.D
 Acq: 07 Aug 2024 22:35

Tgt Ion: 63 Resp: 239256
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.7 14.0
 100 4.0 2.9 8.6

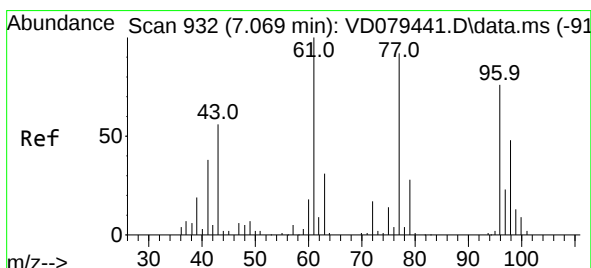
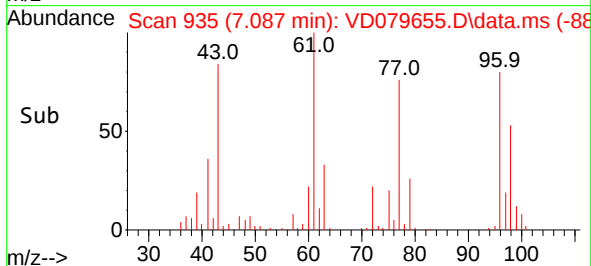
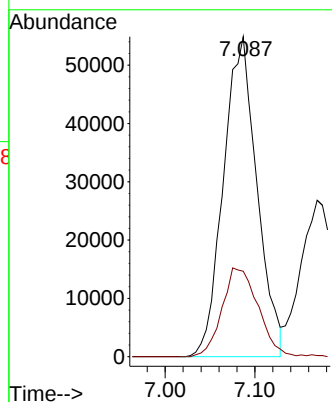
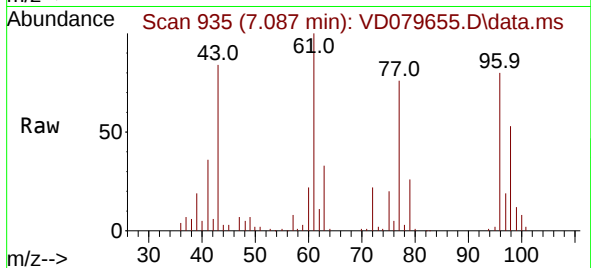




#25
2-Butanone
Concen: 243.326 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

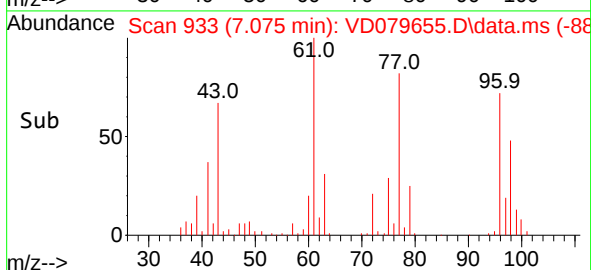
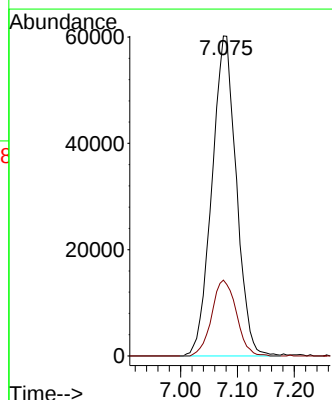
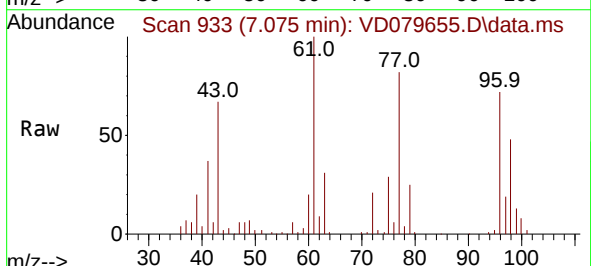
Instrument :
MSVOA_D
ClientSampleId :

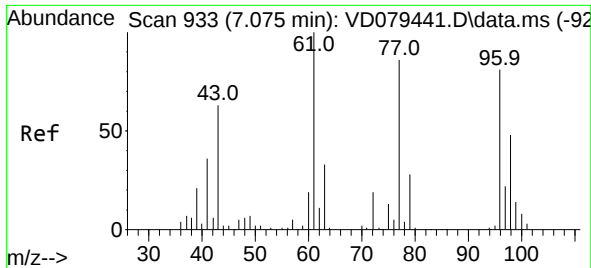
Tgt Ion: 43 Resp: 142653
Ion Ratio Lower Upper
43 100
72 26.7 26.4 39.6



#26
2,2-Dichloropropane
Concen: 49.853 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 77 Resp: 179680
Ion Ratio Lower Upper
77 100
97 23.9 12.4 37.2

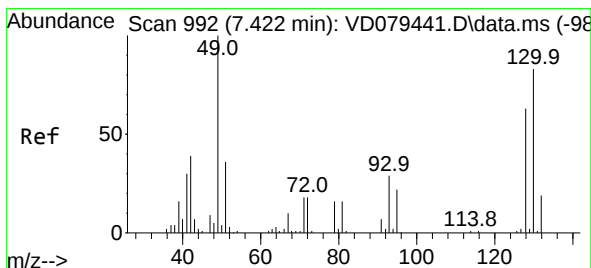
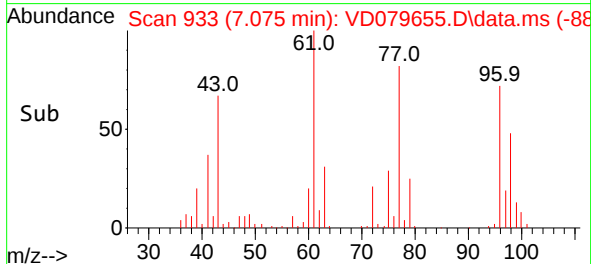
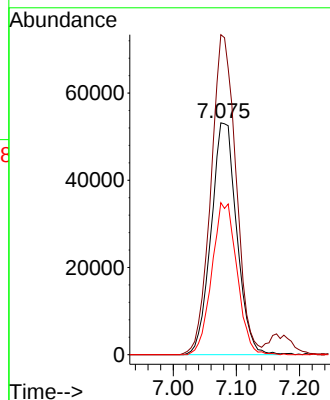
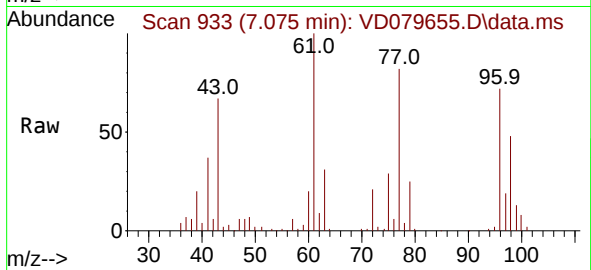




#27
 cis-1,2-Dichloroethene
 Concen: 51.565 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD079655.D
 Acq: 07 Aug 2024 22:35

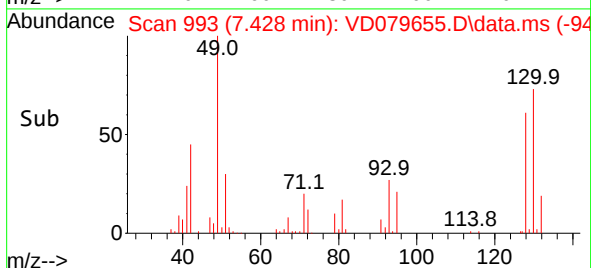
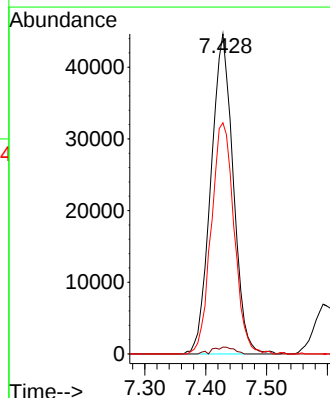
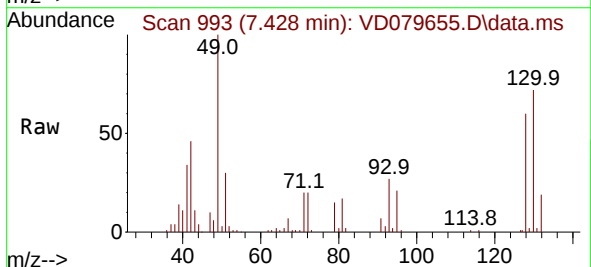
Instrument :
 MSVOA_D
 ClientSampleId :

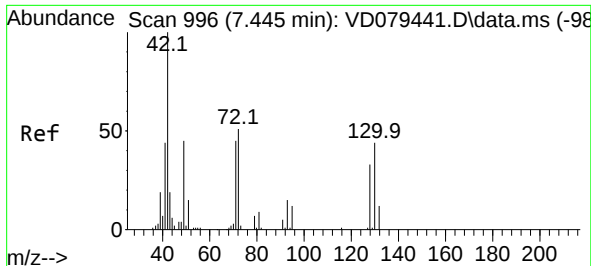
Tgt Ion: 96 Resp: 149846
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 229.0
 98 64.3 0.0 127.2



#28
 Bromochloromethane
 Concen: 58.171 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.012 min
 Lab File: VD079655.D
 Acq: 07 Aug 2024 22:35

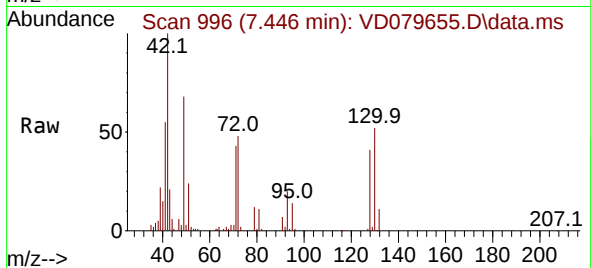
Tgt Ion: 49 Resp: 113662
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 7.0
 130 73.9 87.7 131.5#



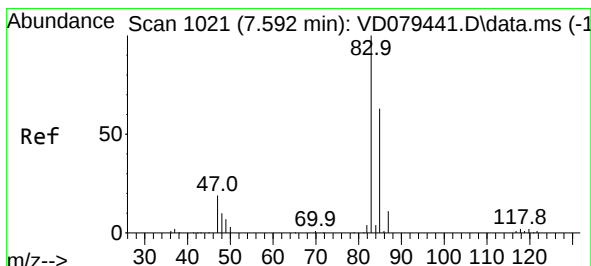
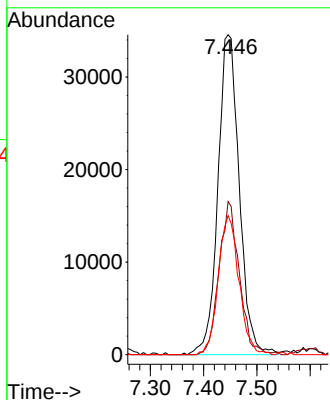
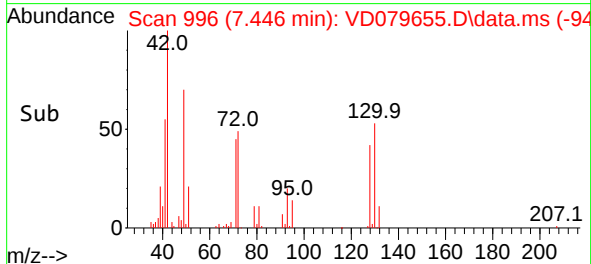


#29
Tetrahydrofuran
Concen: 265.212 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Instrument :
MSVOA_D
ClientSampleId :

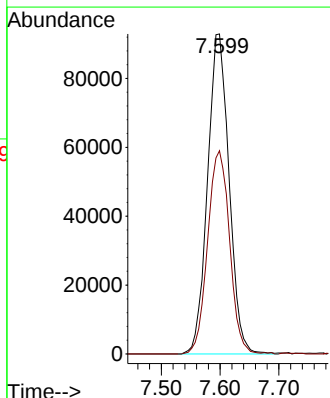
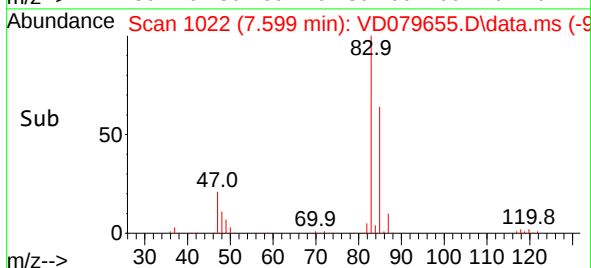
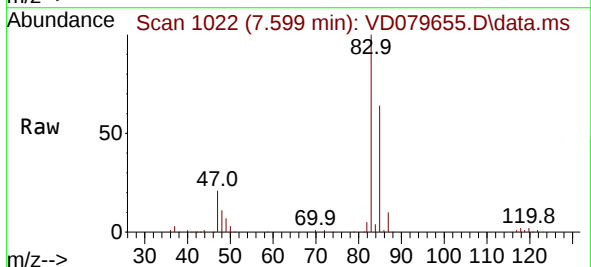


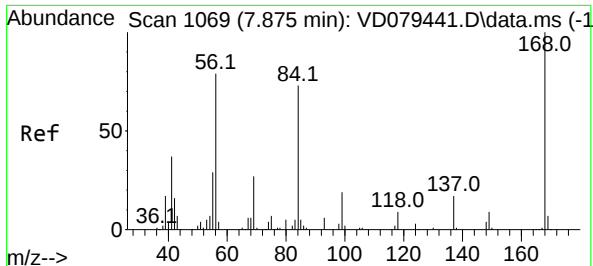
Tgt Ion: 42 Resp: 96358
Ion Ratio Lower Upper
42 100
72 45.5 49.4 74.0#
71 42.3 45.0 67.6#



#30
Chloroform
Concen: 52.327 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

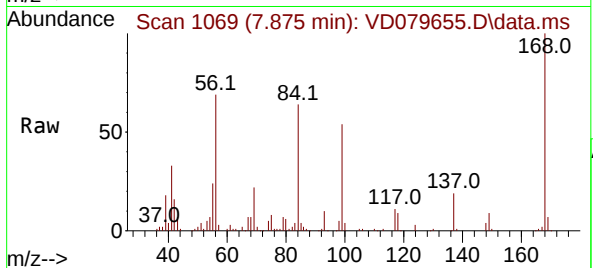
Tgt Ion: 83 Resp: 236115
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.6



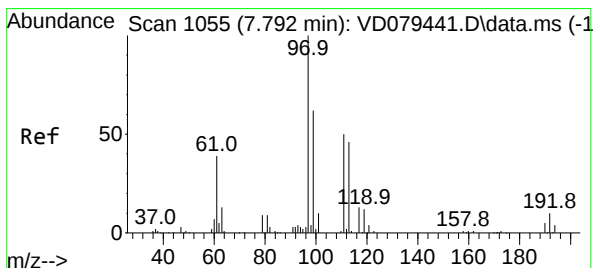
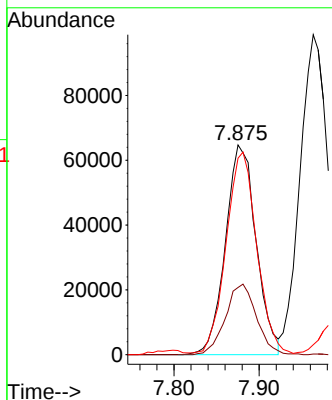
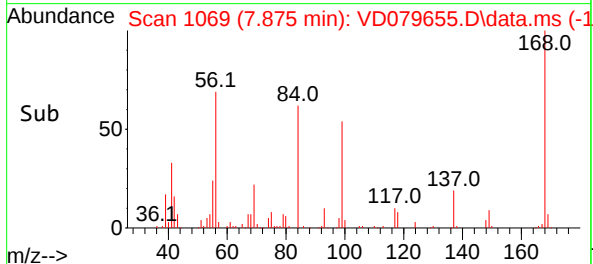


#31
Cyclohexane
Concen: 45.882 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Instrument :
MSVOA_D
ClientSampleId :

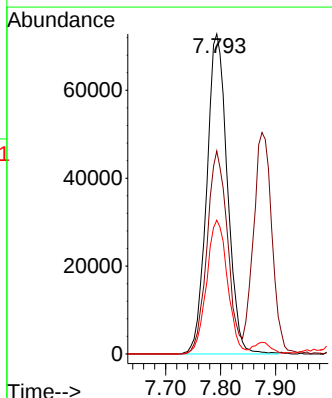
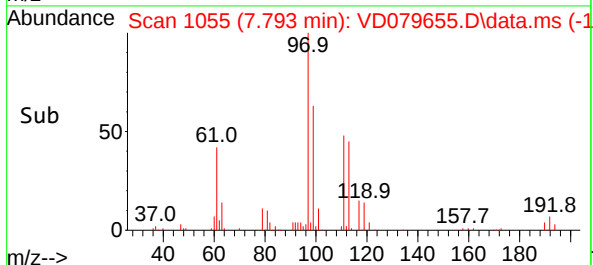
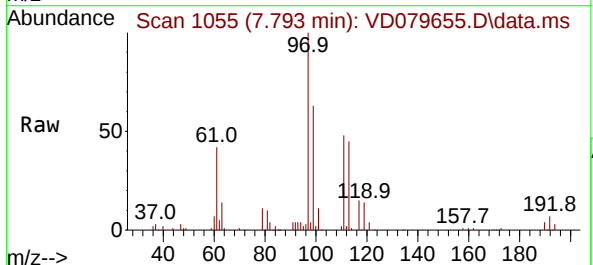


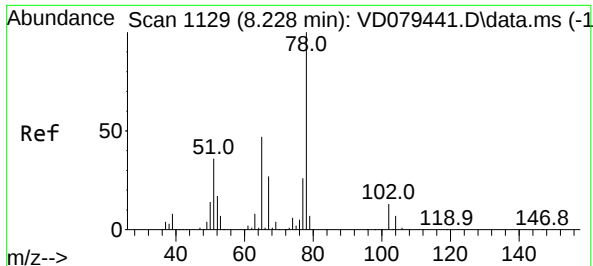
Tgt Ion: 56 Resp: 162140
Ion Ratio Lower Upper
56 100
69 32.0 28.0 42.0
84 91.3 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 51.028 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 97 Resp: 189998
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 42.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.621 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

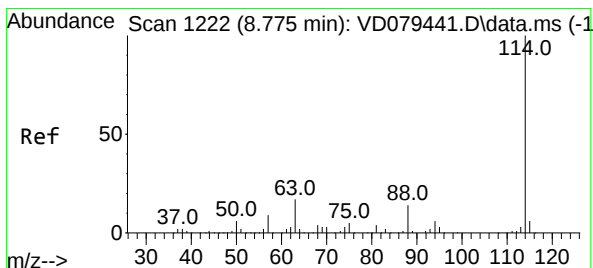
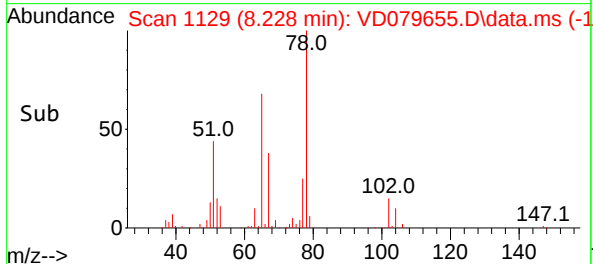
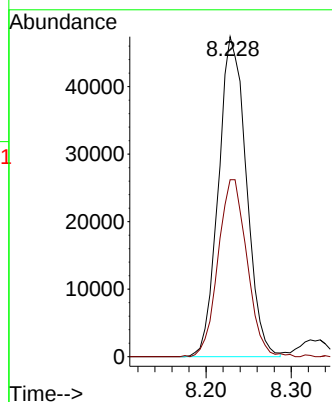
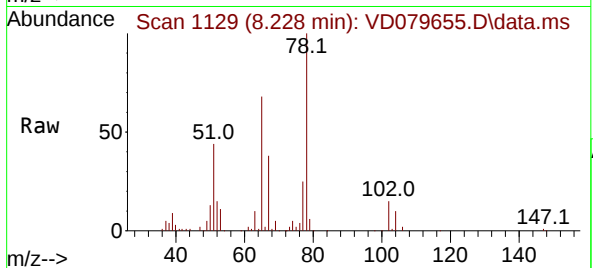
ClientSampleId :

Tgt Ion: 65 Resp: 107712

Ion Ratio Lower Upper

65 100

67 57.5 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

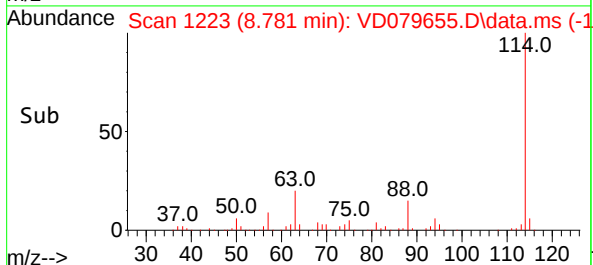
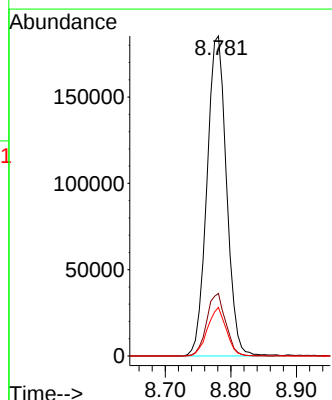
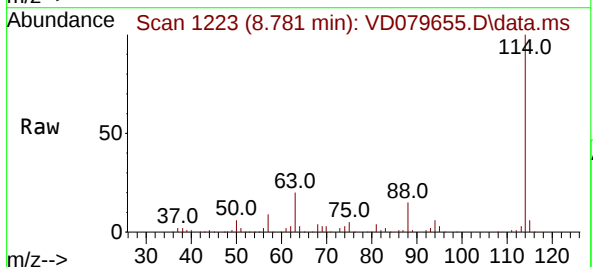
Tgt Ion: 114 Resp: 384590

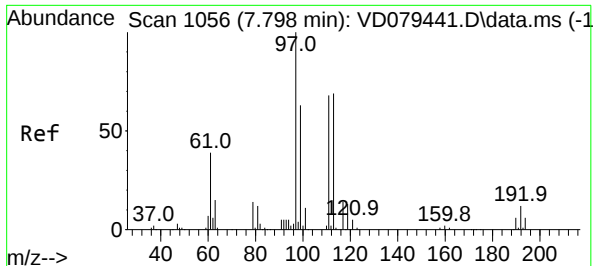
Ion Ratio Lower Upper

114 100

63 19.5 0.0 34.0

88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 45.385 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

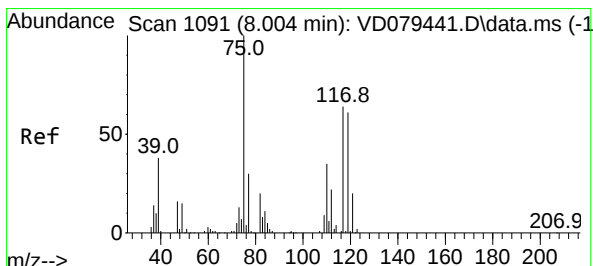
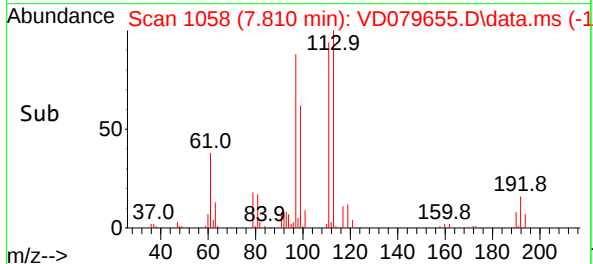
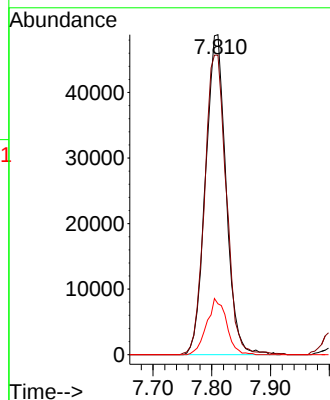
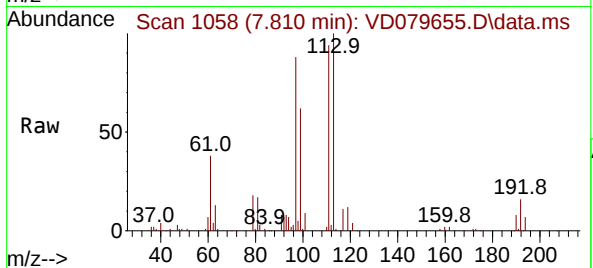
Tgt Ion:113 Resp: 118141

Ion Ratio Lower Upper

113 100

111 99.0 84.0 126.0

192 17.0 15.4 23.0



#36

1,1-Dichloropropene

Concen: 45.471 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

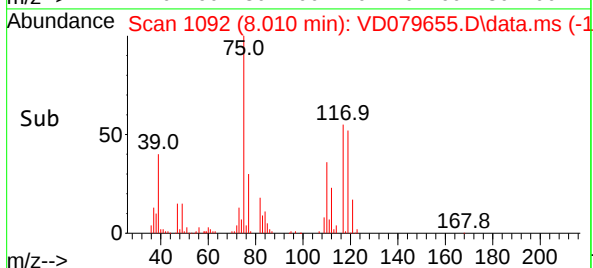
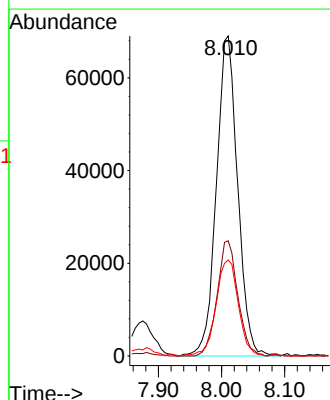
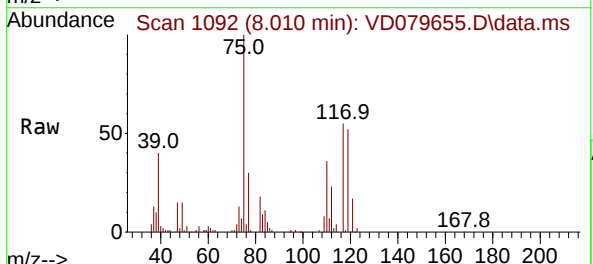
Tgt Ion: 75 Resp: 161557

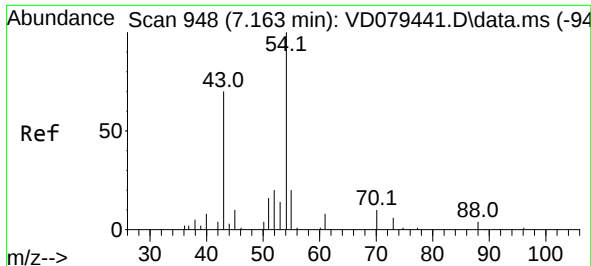
Ion Ratio Lower Upper

75 100

110 35.0 19.6 58.7

77 31.4 26.1 39.1





#37

Ethyl Acetate

Concen: 50.258 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD079655.D

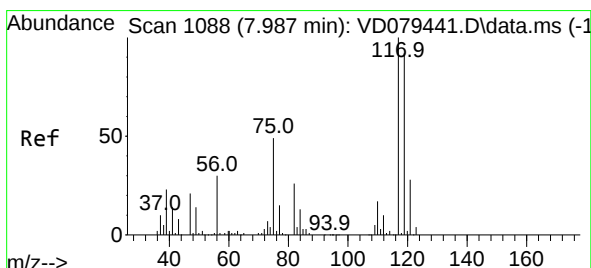
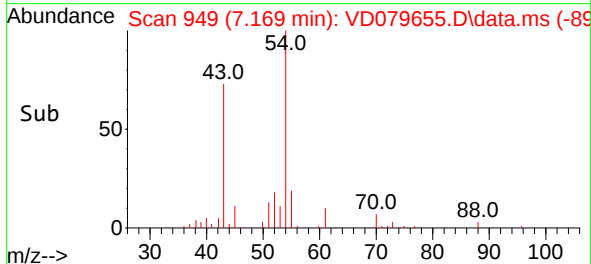
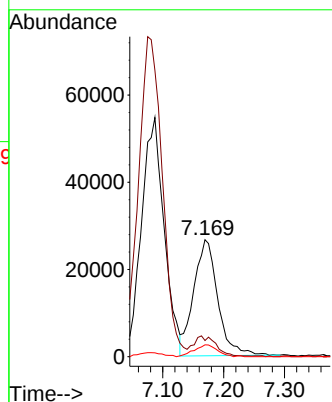
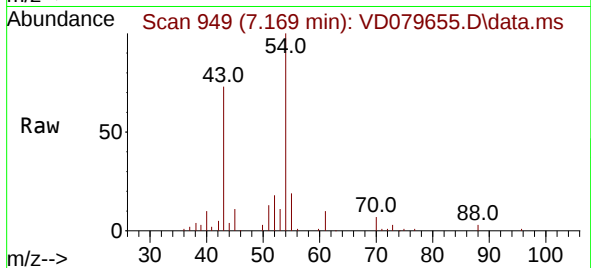
Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 73212
Ion Ratio	Lower Upper
43 100	
61 15.6	13.9 20.9
70 9.8	9.8 14.6



#38

Carbon Tetrachloride

Concen: 44.455 ug/l

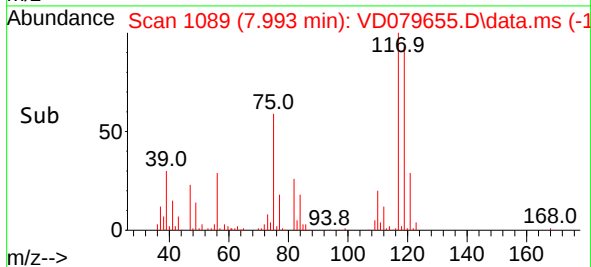
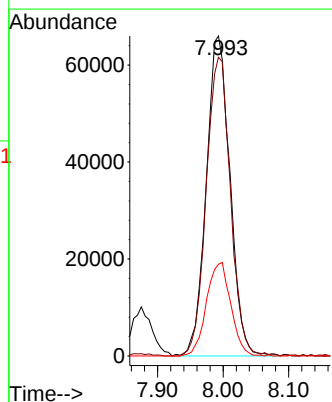
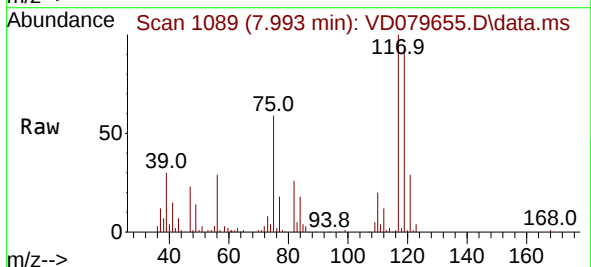
RT: 7.993 min Scan# 1089

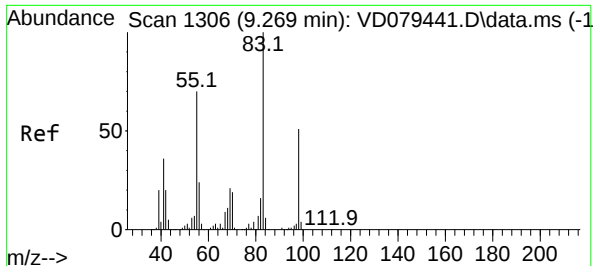
Delta R.T. 0.006 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Tgt Ion: 117	Resp: 166039
Ion Ratio	Lower Upper
117 100	
119 93.4	75.4 113.0
121 28.7	25.0 37.4





#39

Methylcyclohexane

Concen: 41.581 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

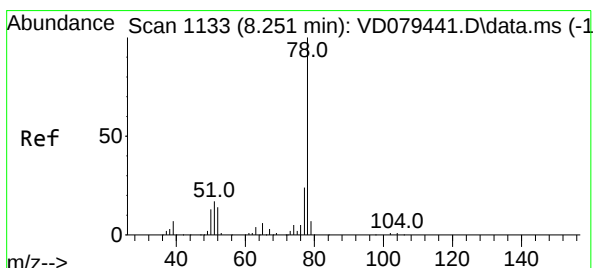
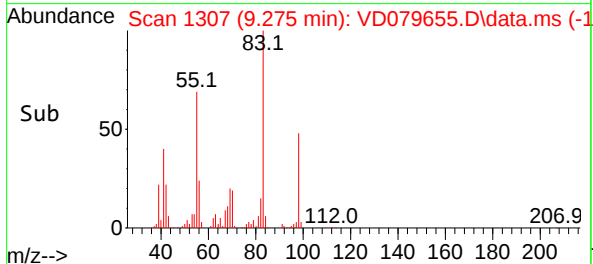
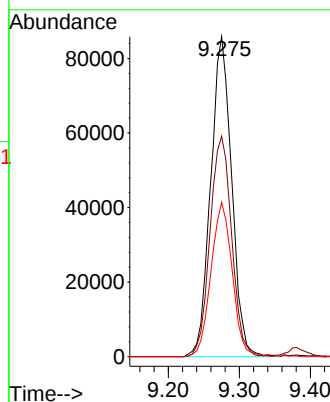
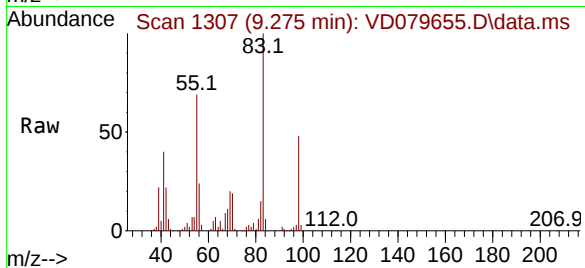
Tgt Ion: 83 Resp: 176269

Ion Ratio Lower Upper

83 100

55 68.9 50.1 75.1

98 48.3 41.9 62.9



#40

Benzene

Concen: 47.116 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD079655.D

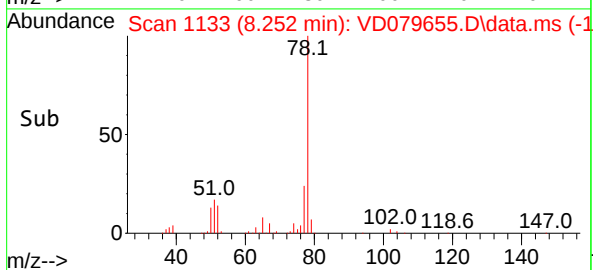
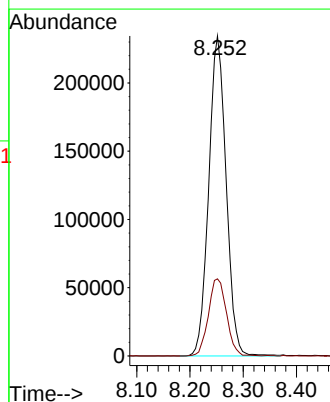
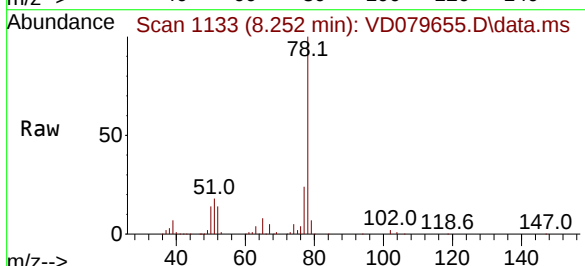
Acq: 07 Aug 2024 22:35

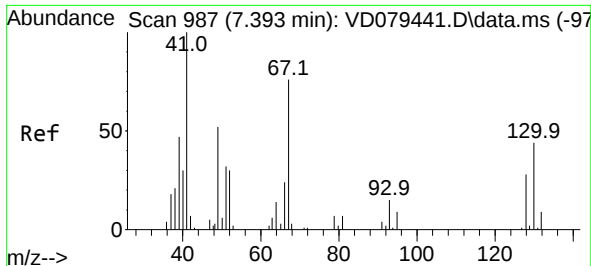
Tgt Ion: 78 Resp: 531690

Ion Ratio Lower Upper

78 100

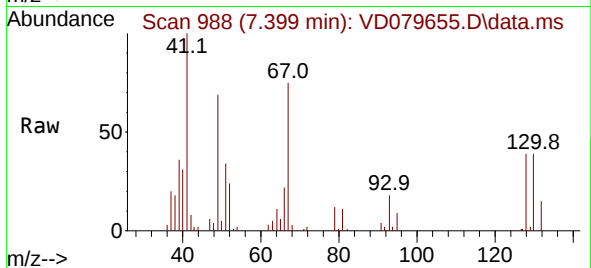
77 24.1 18.1 27.1



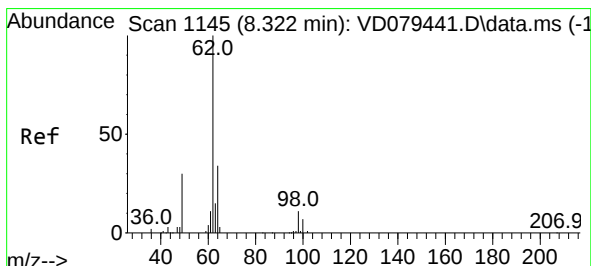
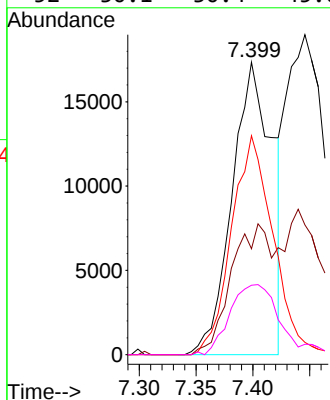
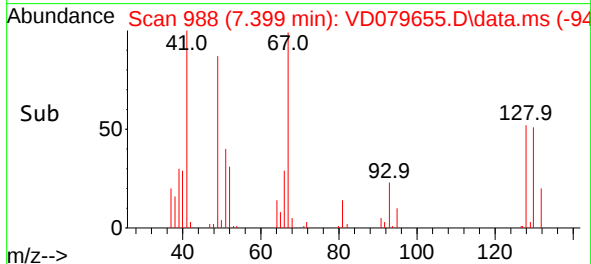


#41
Methacrylonitrile
Concen: 53.332 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

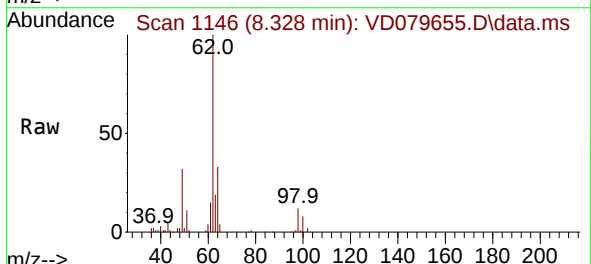
Instrument :
MSVOA_D
ClientSampleId :



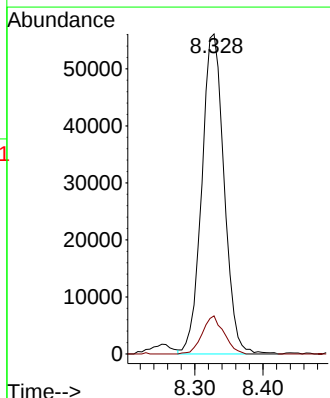
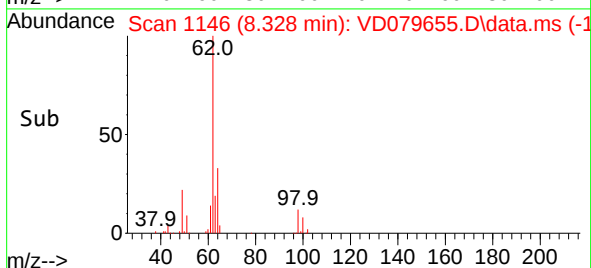
Tgt Ion: 41 Resp: 42734
Ion Ratio Lower Upper
41 100
39 43.0 41.4 62.0
67 78.0 85.8 128.6#
52 30.1 30.4 45.6#

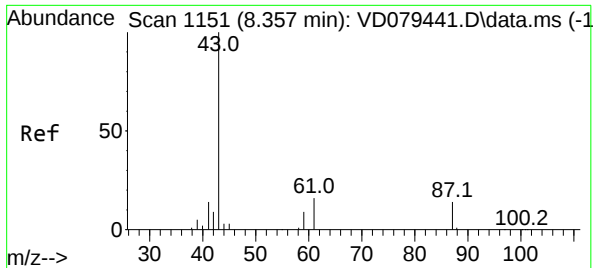


#42
1,2-Dichloroethane
Concen: 47.484 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35



Tgt Ion: 62 Resp: 127689
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.8

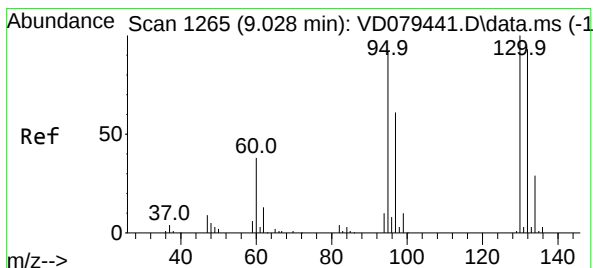
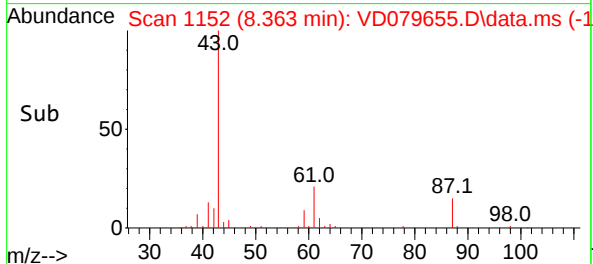
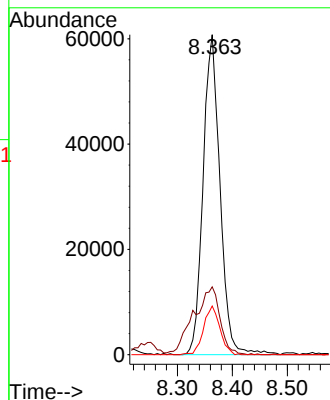
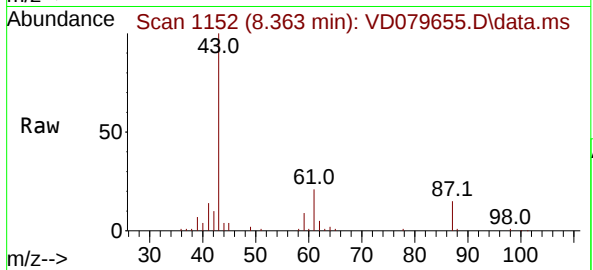




#43
Isopropyl Acetate
Concen: 47.572 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

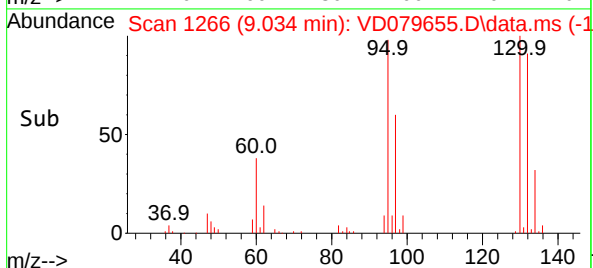
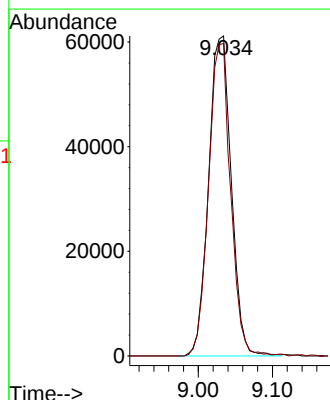
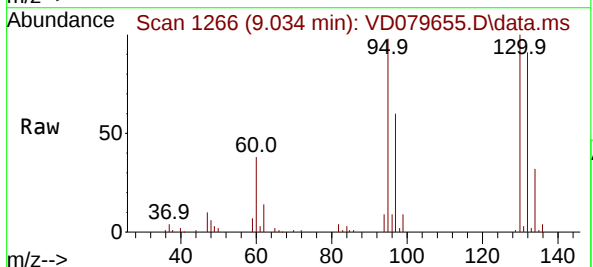
Instrument :
MSVOA_D
ClientSampleId :

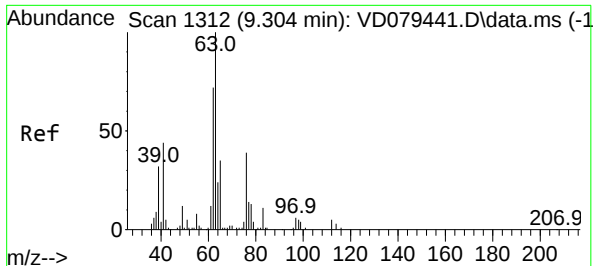
Tgt Ion: 43 Resp: 130240
Ion Ratio Lower Upper
43 100
61 32.9 29.3 43.9
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 46.292 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion:130 Resp: 130041
Ion Ratio Lower Upper
130 100
95 97.7 0.0 177.8





#45

1,2-Dichloropropane

Concen: 48.930 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

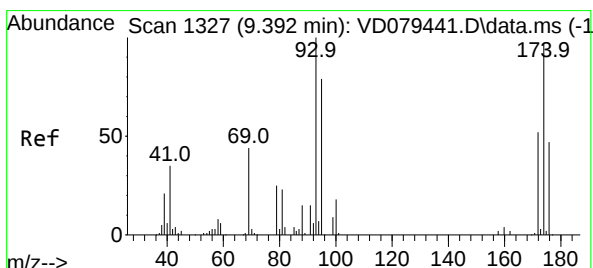
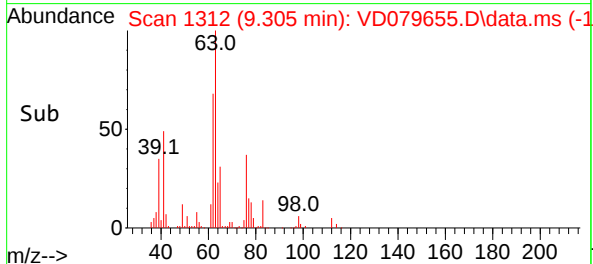
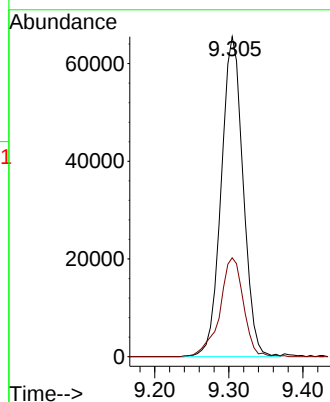
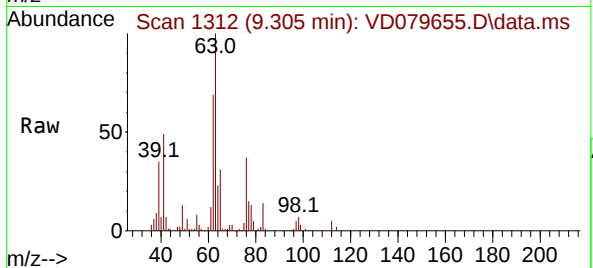
ClientSampleId :

Tgt Ion: 63 Resp: 134373

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.8



#46

Dibromomethane

Concen: 45.946 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

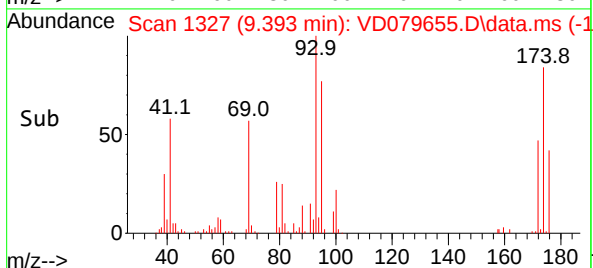
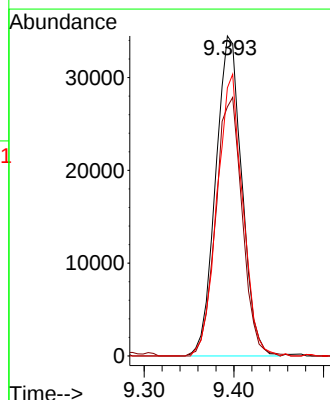
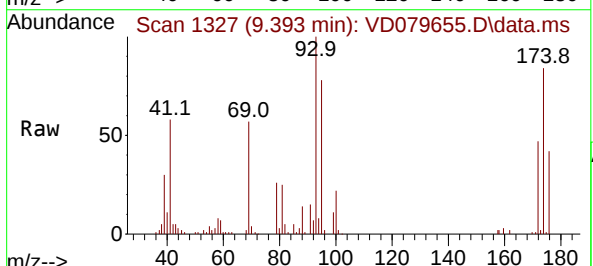
Tgt Ion: 93 Resp: 69950

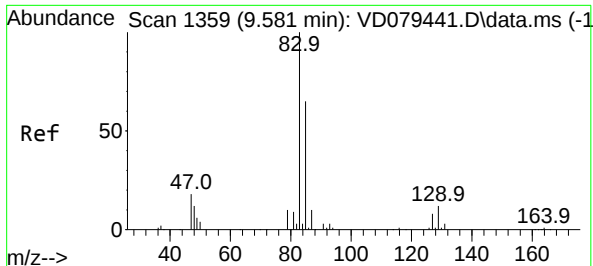
Ion Ratio Lower Upper

93 100

95 81.9 65.6 98.4

174 86.3 82.3 123.5





#47

Bromodichloromethane

Concen: 46.701 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

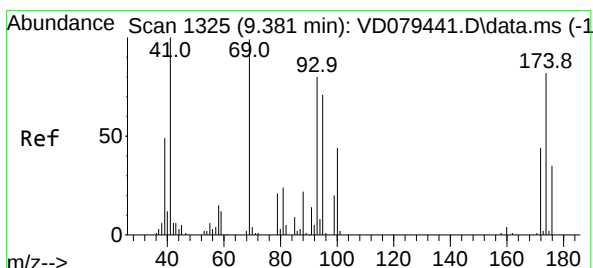
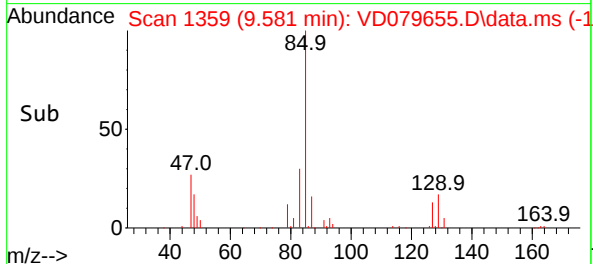
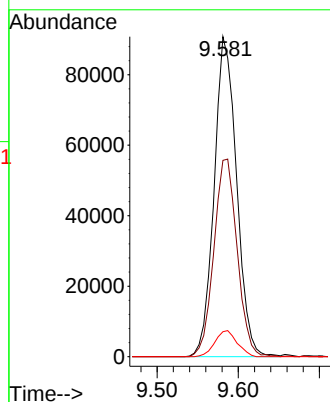
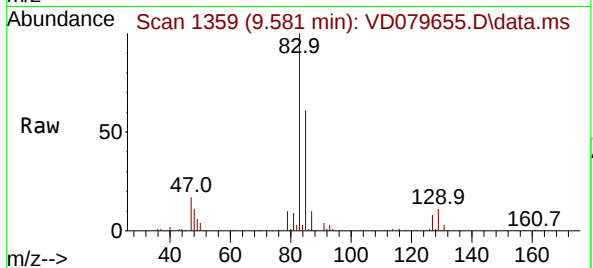
Tgt Ion: 83 Resp: 174578

Ion Ratio Lower Upper

83 100

85 61.3 50.1 75.1

127 7.8 6.8 10.2



#48

Methyl methacrylate

Concen: 49.711 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

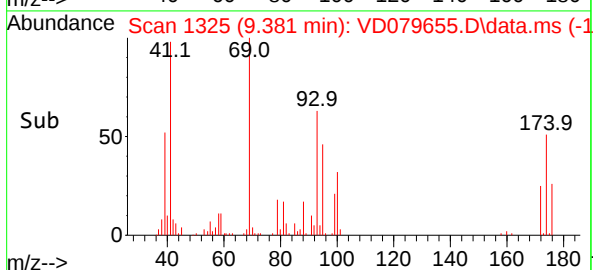
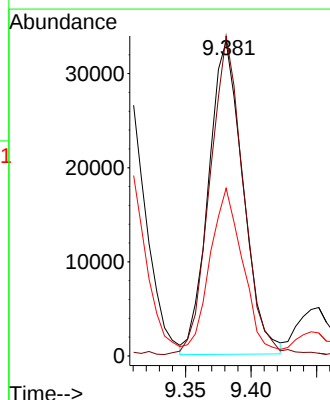
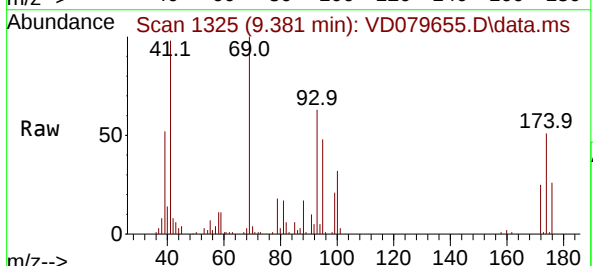
Tgt Ion: 41 Resp: 60908

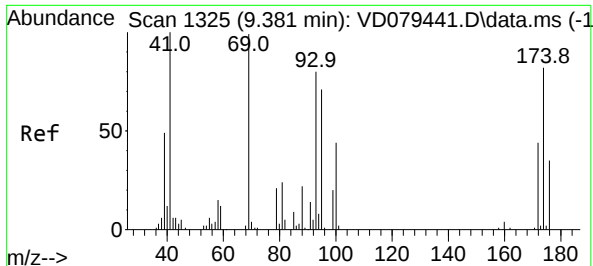
Ion Ratio Lower Upper

41 100

69 100.3 96.7 145.1

39 52.4 43.8 65.6





#49

1,4-Dioxane

Concen: 769.999 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

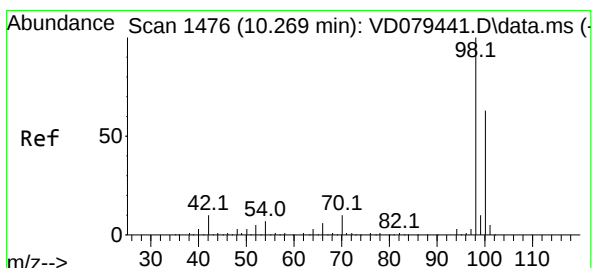
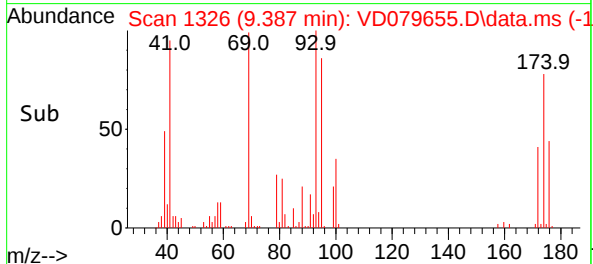
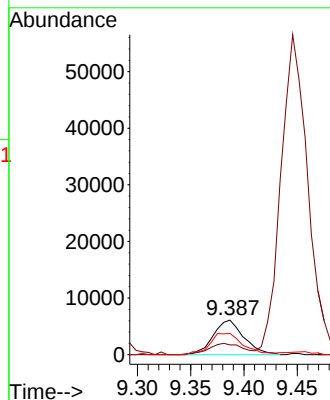
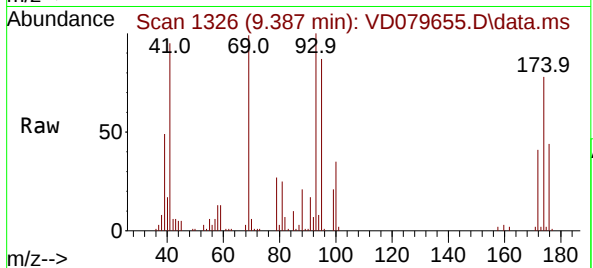
Tgt Ion: 88 Resp: 12147

Ion Ratio Lower Upper

88 100

43 36.8 21.5 32.3#

58 66.5 42.2 63.4#



#50

Toluene-d8

Concen: 44.925 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079655.D

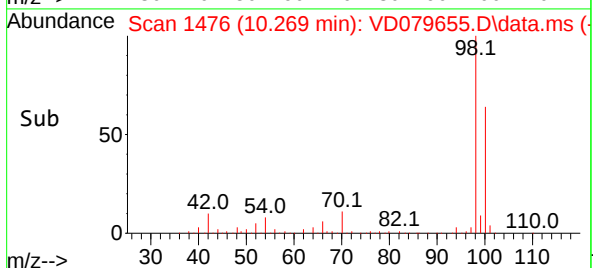
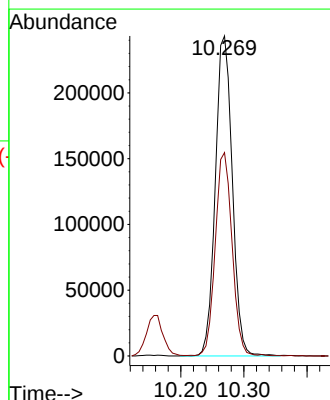
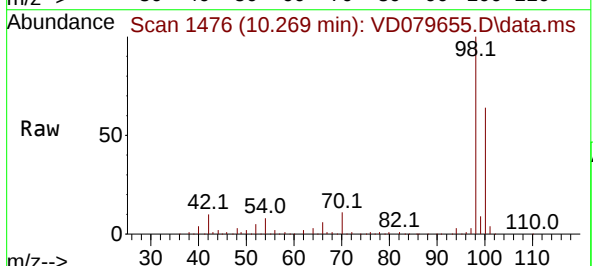
Acq: 07 Aug 2024 22:35

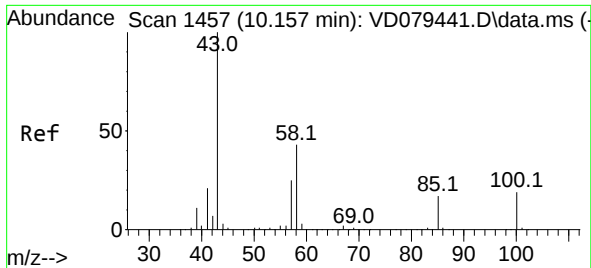
Tgt Ion: 98 Resp: 454137

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4

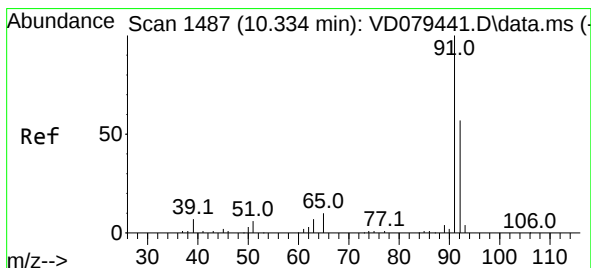
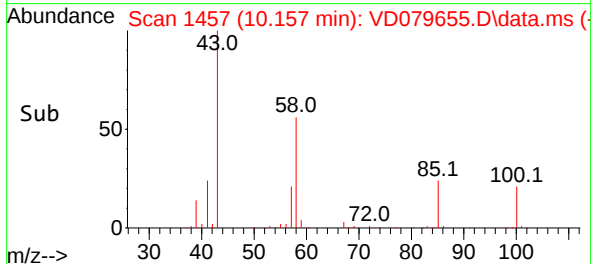
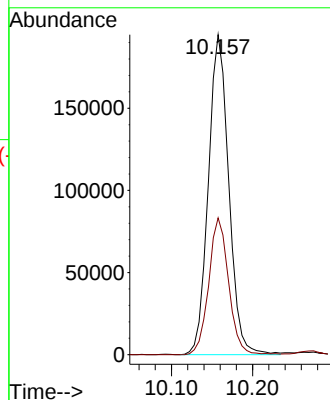
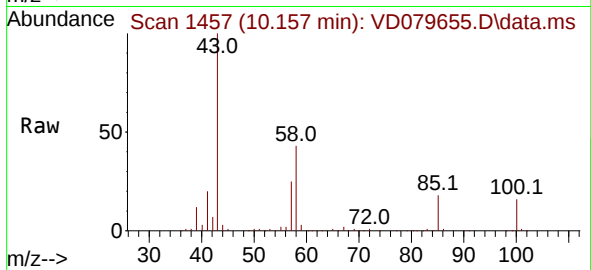




#51
4-Methyl-2-Pentanone
Concen: 243.510 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

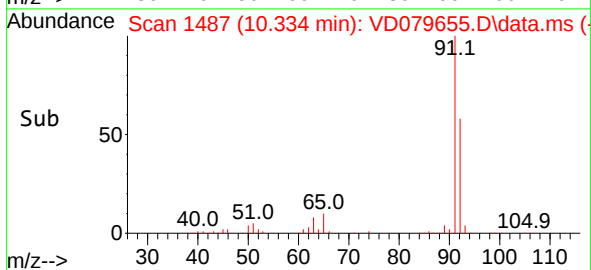
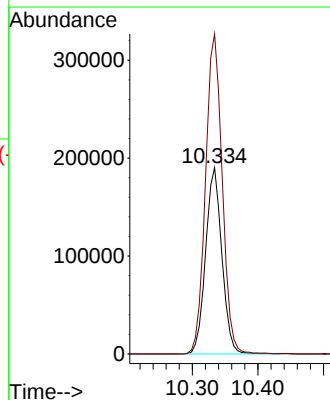
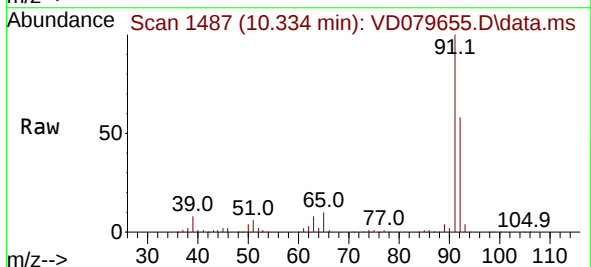
Instrument :
MSVOA_D
ClientSampleId :

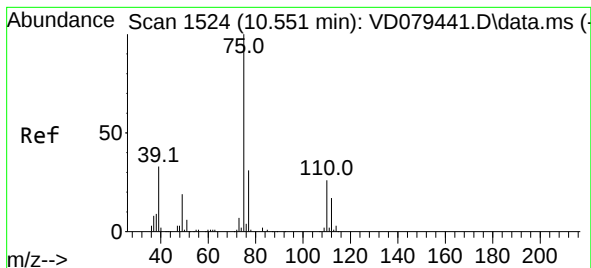
Tgt Ion: 43 Resp: 340370
Ion Ratio Lower Upper
43 100
58 41.6 36.6 55.0



#52
Toluene
Concen: 47.015 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 92 Resp: 328129
Ion Ratio Lower Upper
92 100
91 176.9 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 45.964 ug/l

RT: 10.552 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

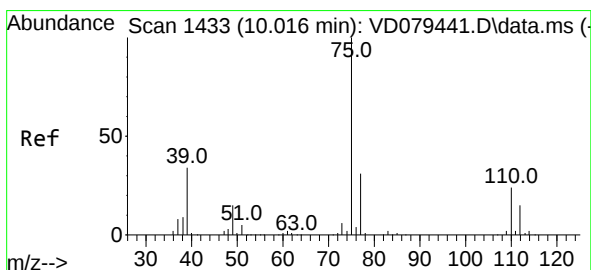
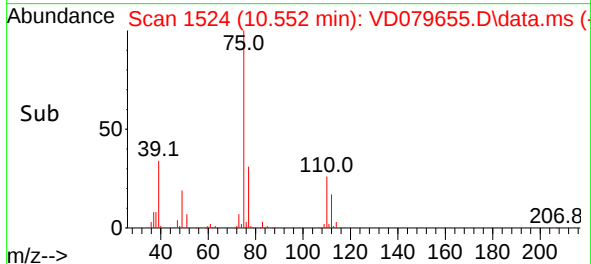
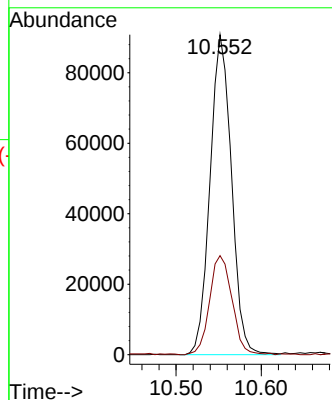
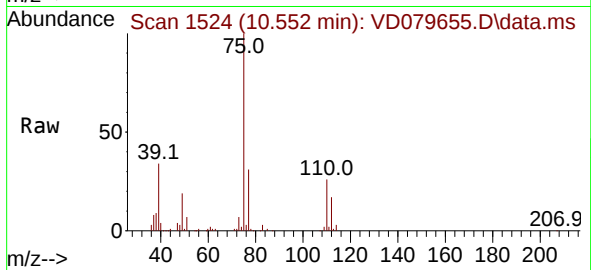
ClientSampleId :

Tgt Ion: 75 Resp: 158675

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 46.936 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

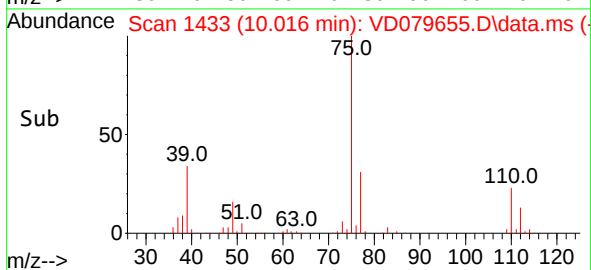
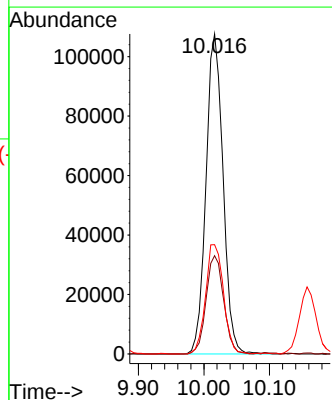
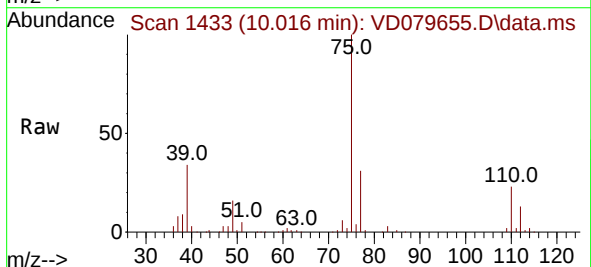
Tgt Ion: 75 Resp: 194901

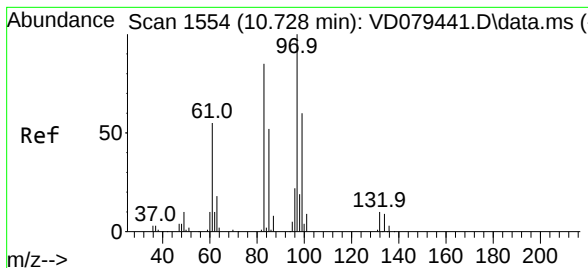
Ion Ratio Lower Upper

75 100

77 30.7 24.4 36.6

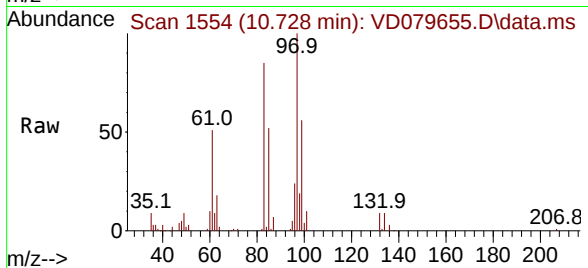
39 34.1 24.2 36.2



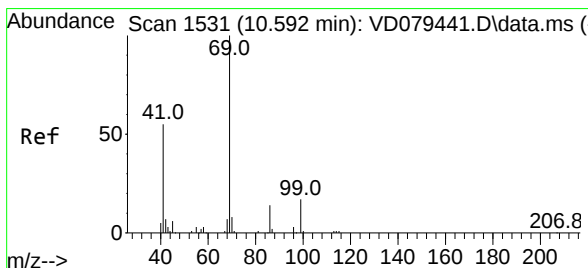
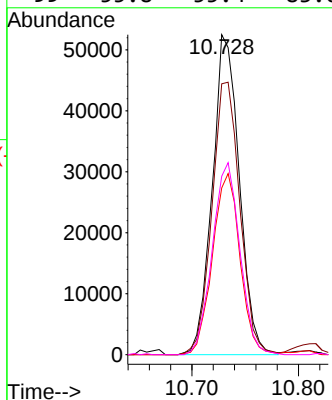
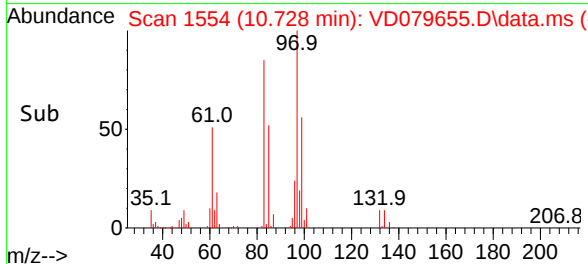


#55
1,1,2-Trichloroethane
Concen: 46.056 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

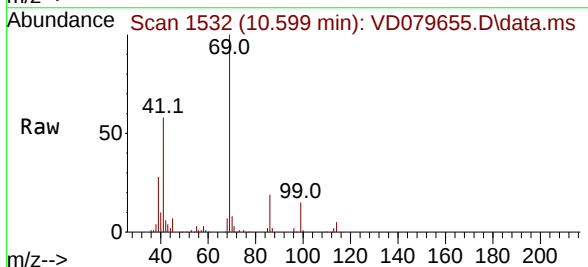
Instrument :
MSVOA_D
ClientSampleId :



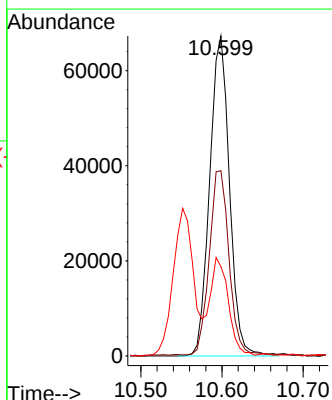
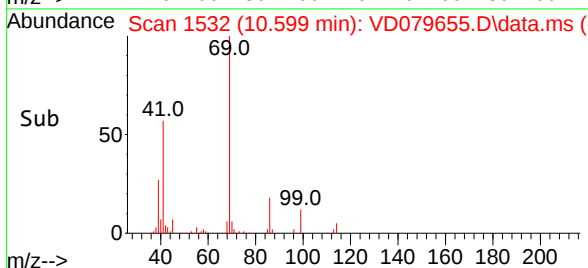
Tgt Ion:	97	Resp:	92366
Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.8	98.8
85	52.1	43.8	65.8
99	55.8	55.4	83.0

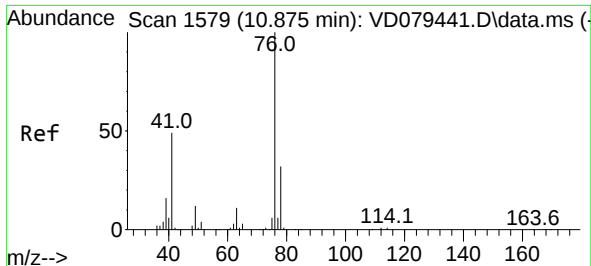


#56
Ethyl methacrylate
Concen: 47.975 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35



Tgt Ion:	69	Resp:	114001
Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.8	59.6
39	28.1	20.2	30.4





#57

1,3-Dichloropropane

Concen: 47.048 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

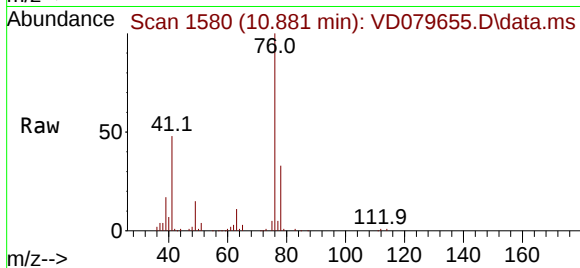
Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

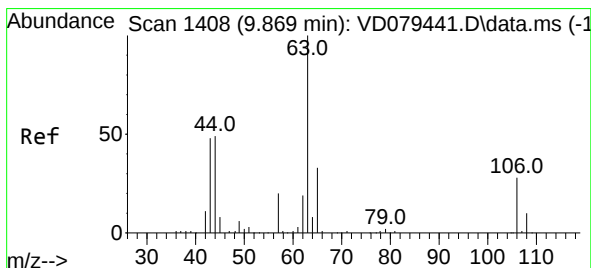
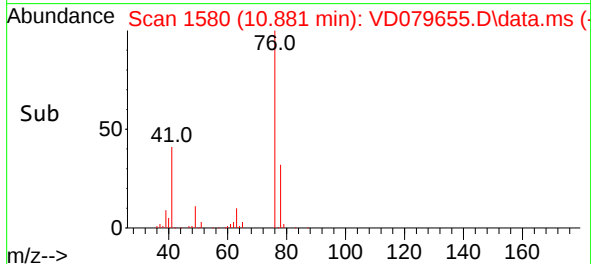
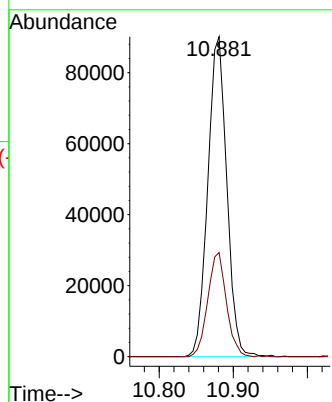


Tgt Ion: 76 Resp: 160335

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 255.773 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079655.D

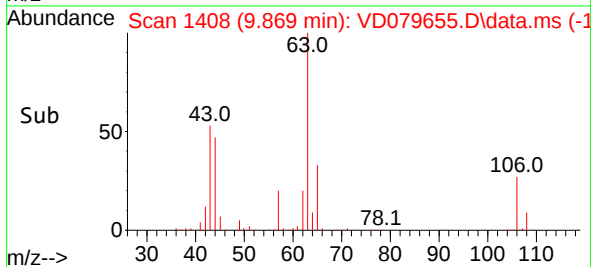
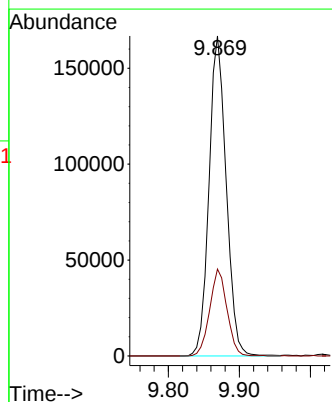
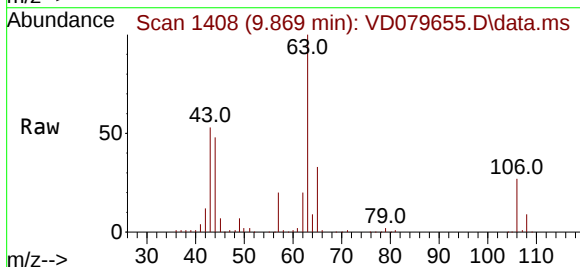
Acq: 07 Aug 2024 22:35

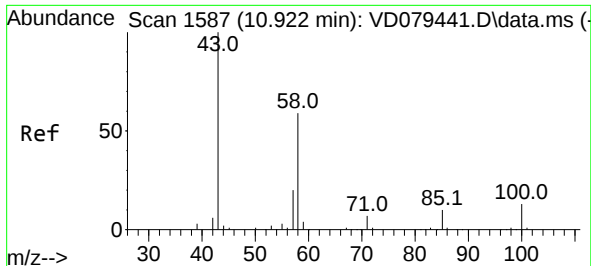
Tgt Ion: 63 Resp: 280295

Ion Ratio Lower Upper

63 100

106 27.3 26.4 39.6

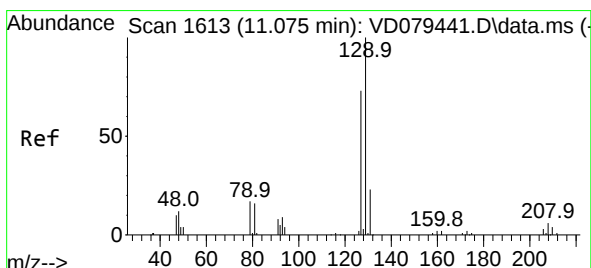
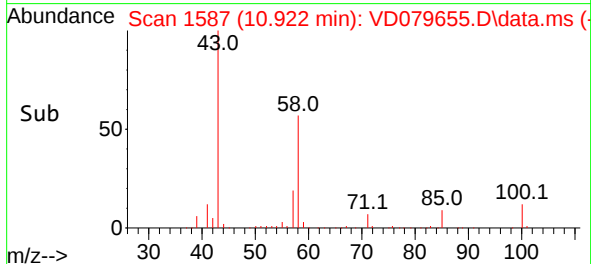
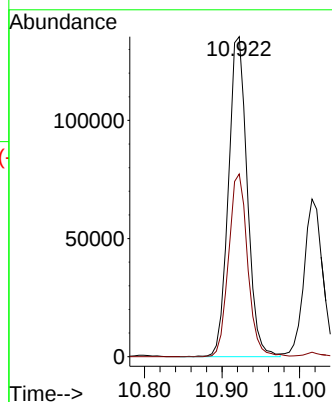
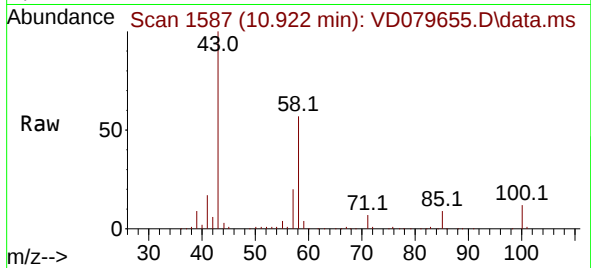




#59
2-Hexanone
Concen: 234.952 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

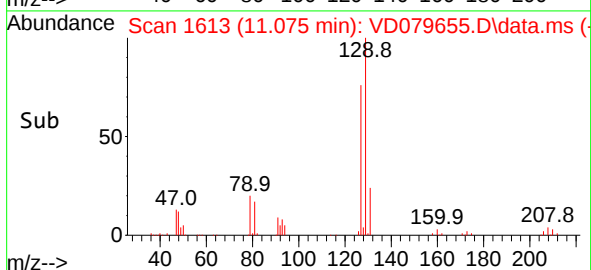
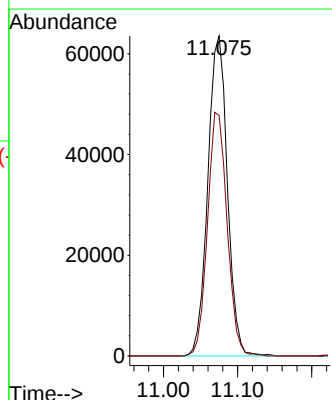
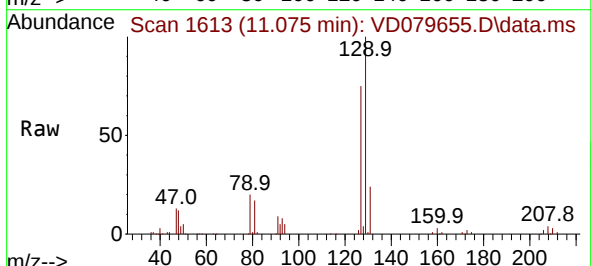
Instrument :
MSVOA_D
ClientSampleId :

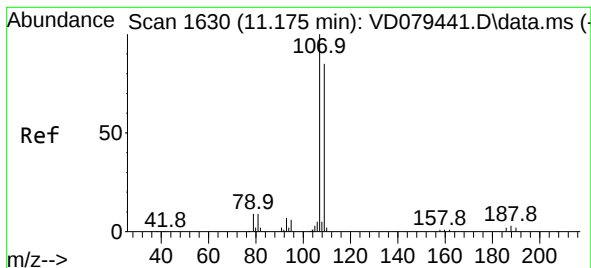
Tgt Ion: 43 Resp: 229039
Ion Ratio Lower Upper
43 100
58 57.8 31.1 93.5



#60
Dibromochloromethane
Concen: 44.428 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 129 Resp: 116395
Ion Ratio Lower Upper
129 100
127 76.3 38.0 113.9

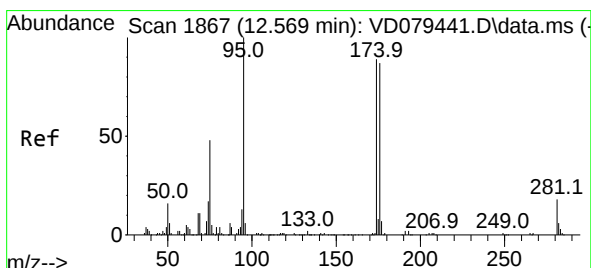
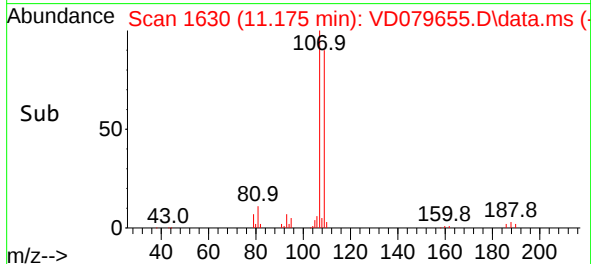
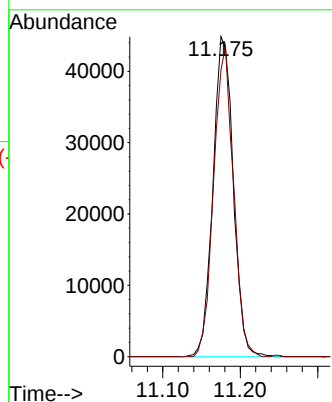
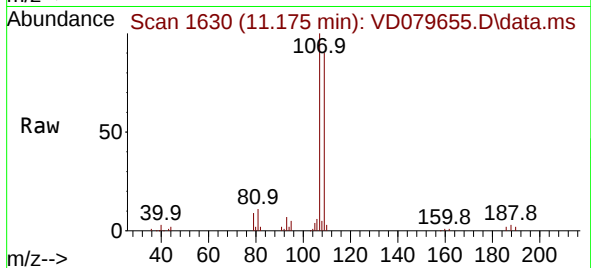




#61
1,2-Dibromoethane
Concen: 43.496 ug/l
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

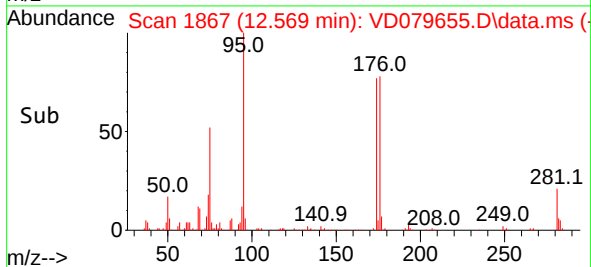
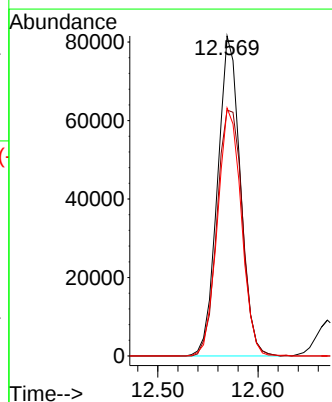
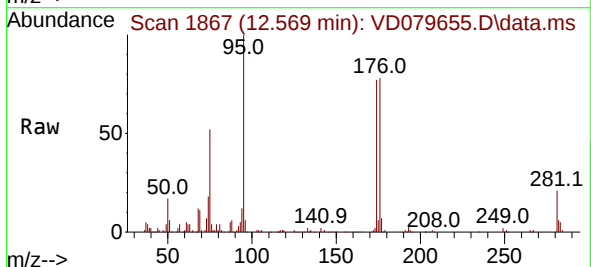
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:107 Resp: 81722
Ion Ratio Lower Upper
107 100
109 94.2 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 44.037 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

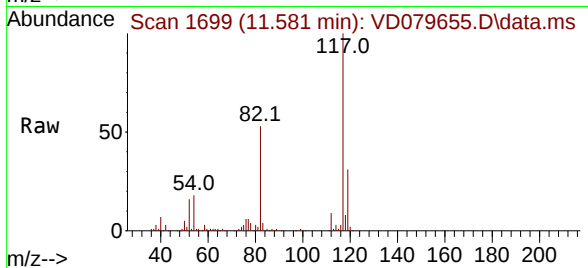
Tgt Ion: 95 Resp: 128819
Ion Ratio Lower Upper
95 100
174 85.5 0.0 195.4
176 81.0 0.0 192.6



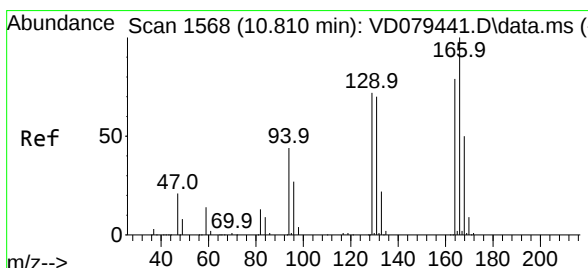
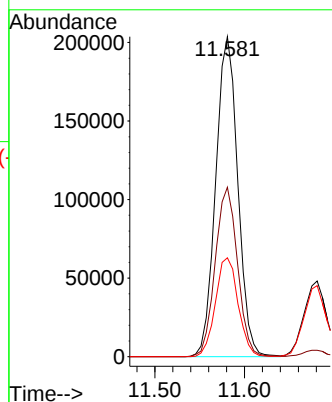
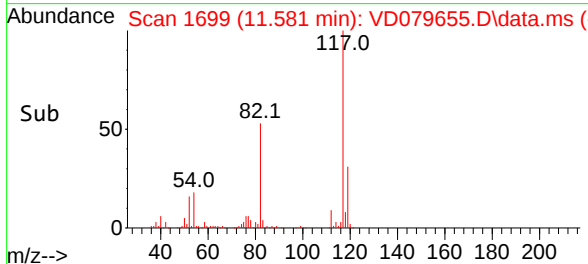


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

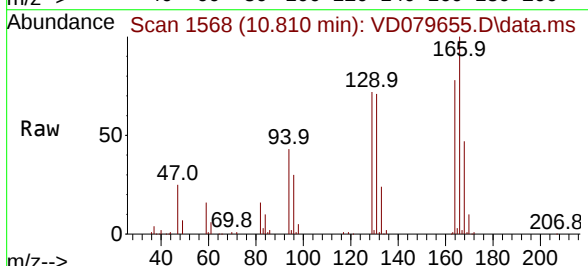
Instrument :
MSVOA_D
ClientSampleId :



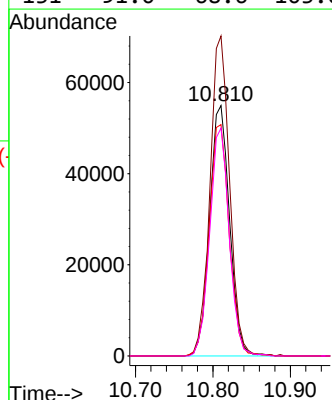
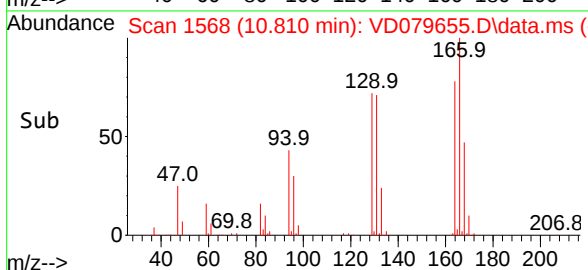
Tgt Ion:117 Resp: 348233
Ion Ratio Lower Upper
117 100
82 52.9 39.8 59.6
119 30.9 25.7 38.5

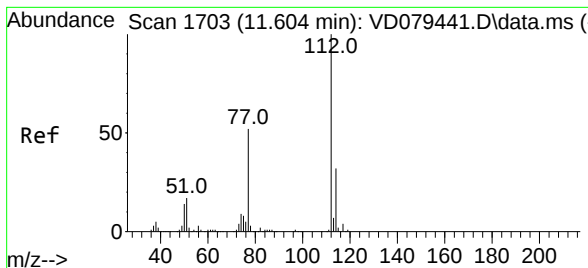


#64
Tetrachloroethene
Concen: 42.085 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35



Tgt Ion:164 Resp: 98822
Ion Ratio Lower Upper
164 100
166 127.8 108.6 163.0
129 92.4 74.6 112.0
131 91.0 68.6 103.0





#65

Chlorobenzene

Concen: 45.928 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

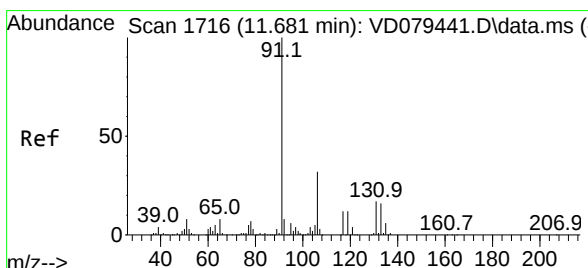
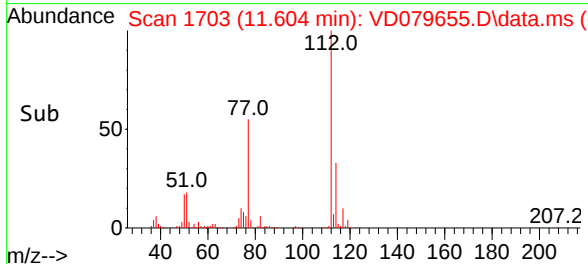
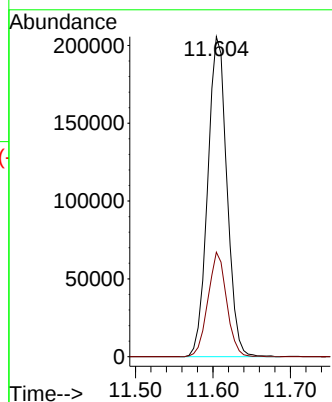
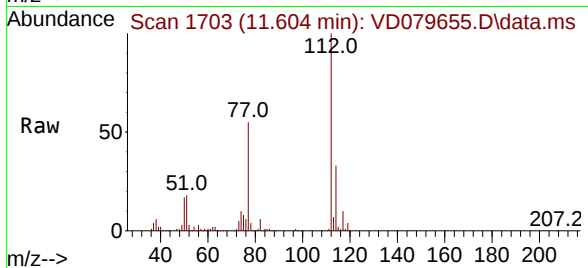
ClientSampleId :

Tgt Ion:112 Resp: 354160

Ion Ratio Lower Upper

112 100

114 32.7 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 46.961 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

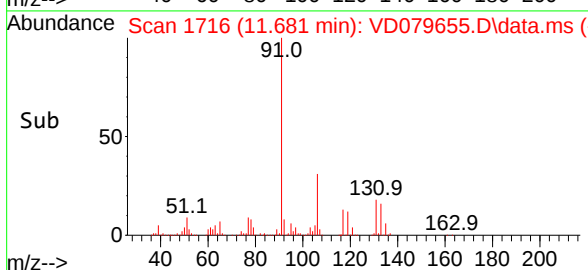
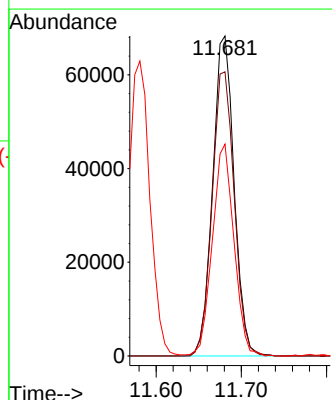
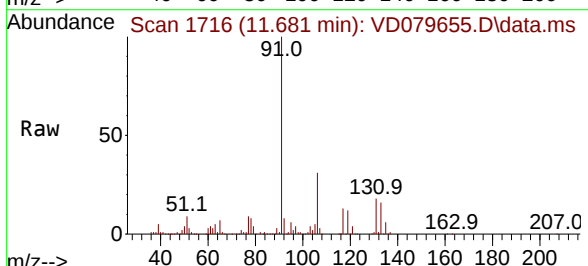
Tgt Ion:131 Resp: 119145

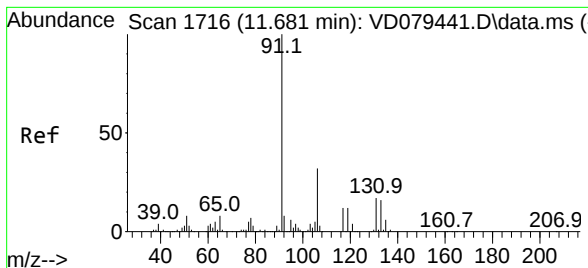
Ion Ratio Lower Upper

131 100

133 91.8 49.2 147.6

119 66.8 33.4 100.2





#67

Ethyl Benzene

Concen: 48.389 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

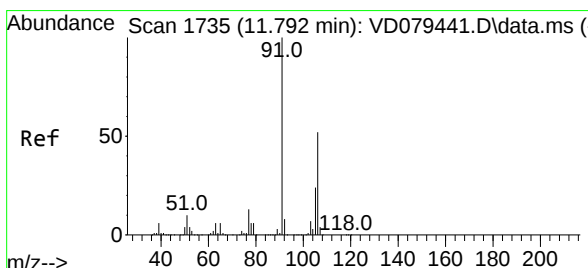
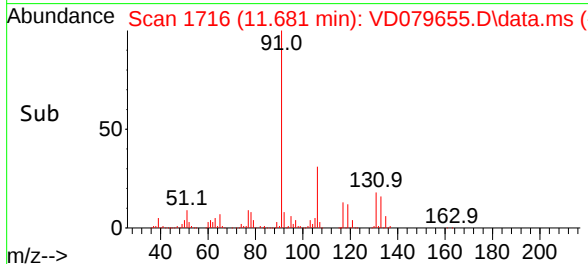
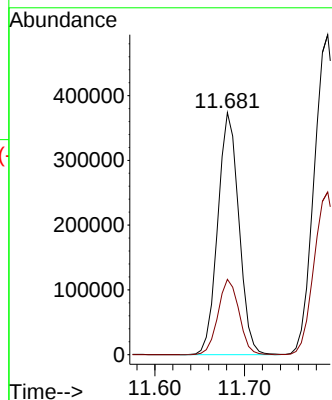
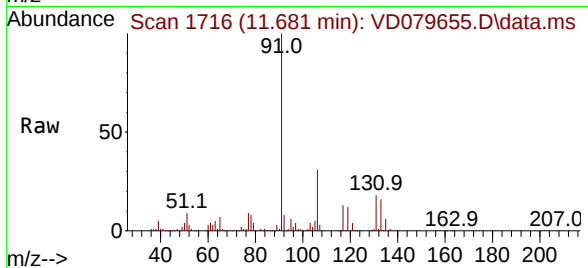
ClientSampleId :

Tgt Ion: 91 Resp: 610845

Ion Ratio Lower Upper

91 100

106 31.1 25.8 38.6



#68

m/p-Xylenes

Concen: 93.831 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079655.D

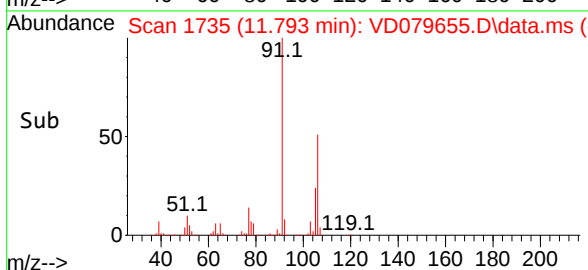
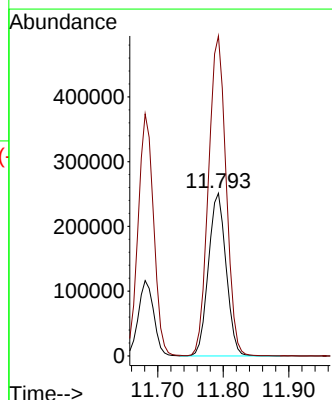
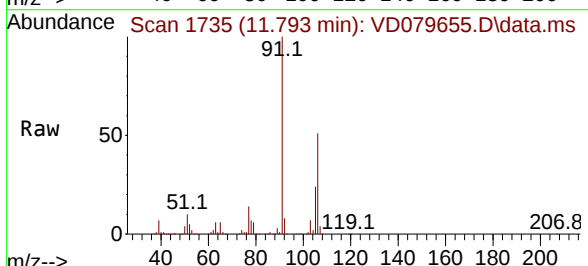
Acq: 07 Aug 2024 22:35

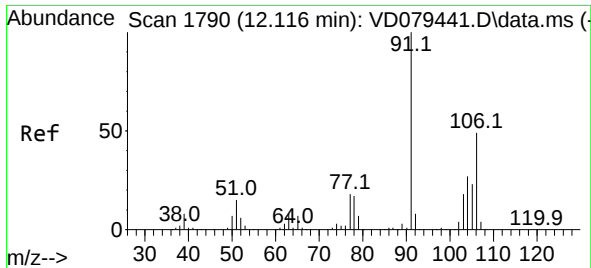
Tgt Ion:106 Resp: 469930

Ion Ratio Lower Upper

106 100

91 196.2 148.5 222.7

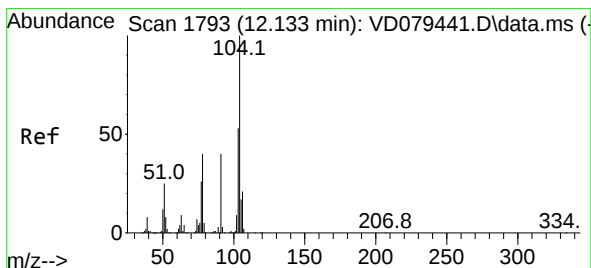
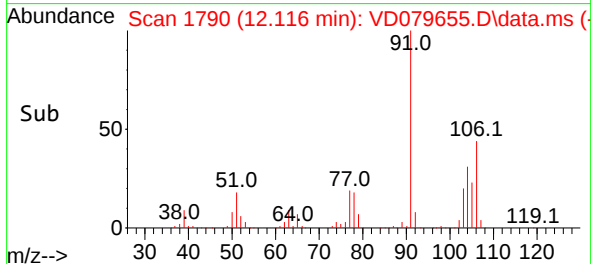
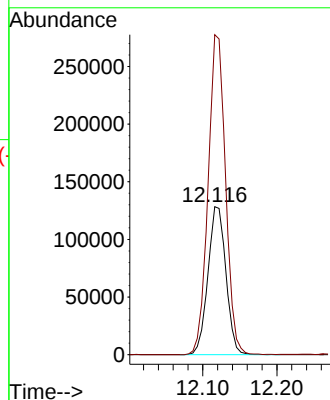
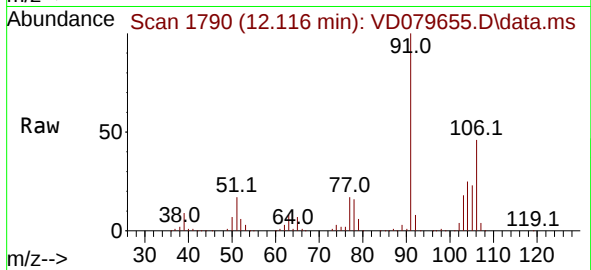




#69
o-Xylene
Concen: 47.093 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

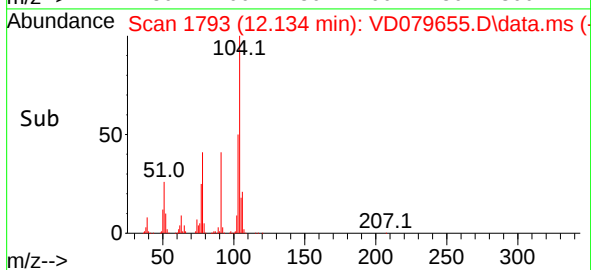
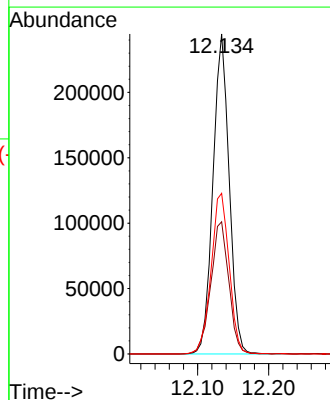
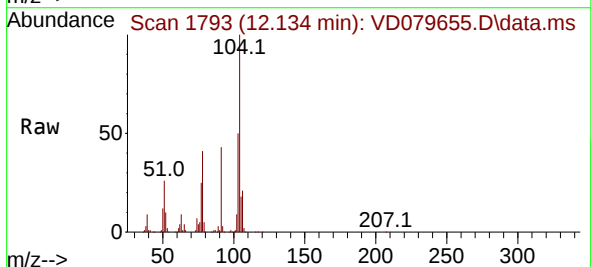
Instrument :
MSVOA_D
ClientSampleId :

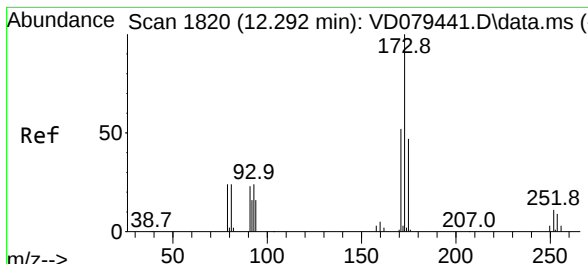
Tgt Ion:106 Resp: 216185
Ion Ratio Lower Upper
106 100
91 210.3 96.7 290.1



#70
Styrene
Concen: 48.130 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion:104 Resp: 387354
Ion Ratio Lower Upper
104 100
78 46.0 33.0 49.6
103 55.9 44.2 66.4

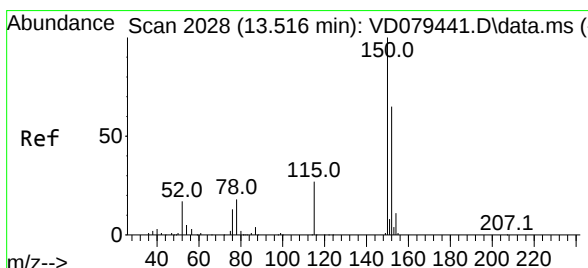
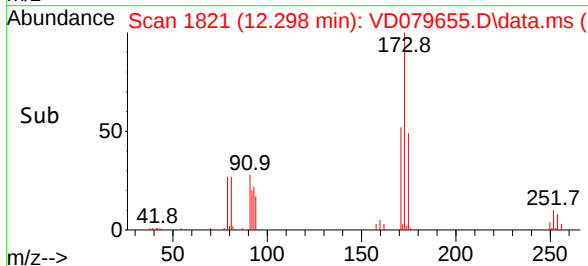
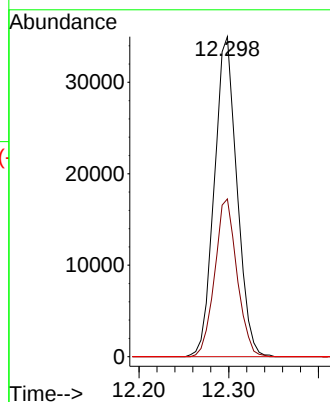
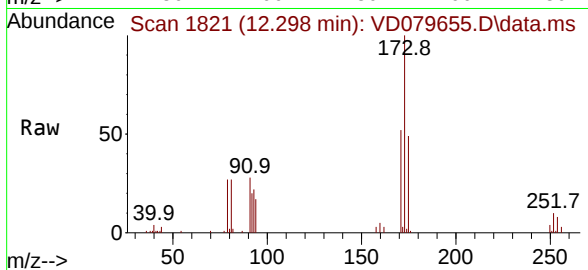




#71
Bromoform
Concen: 42.694 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

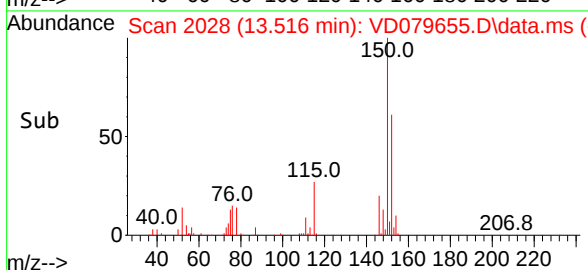
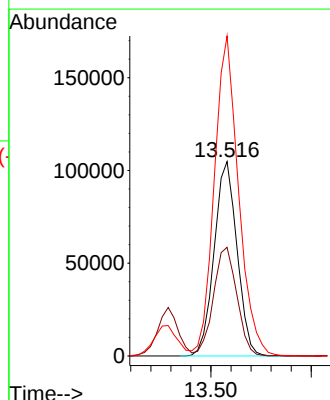
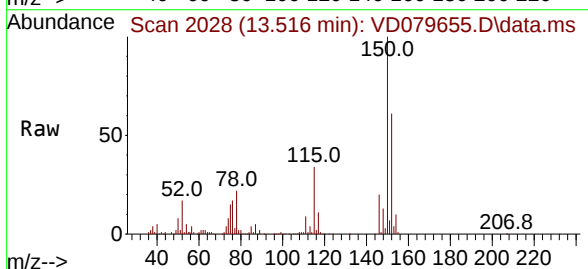
Instrument :
MSVOA_D
ClientSampleId :

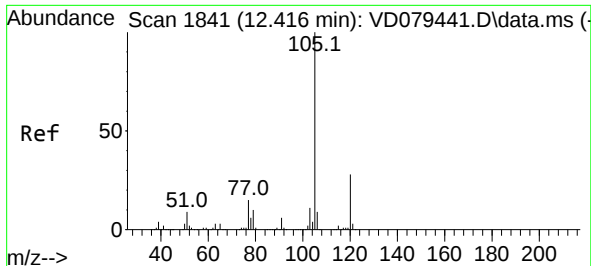
Tgt Ion:173 Resp: 61235
Ion Ratio Lower Upper
173 100
175 48.5 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion:152 Resp: 165475
Ion Ratio Lower Upper
152 100
115 57.5 26.5 79.5
150 174.7 0.0 341.6

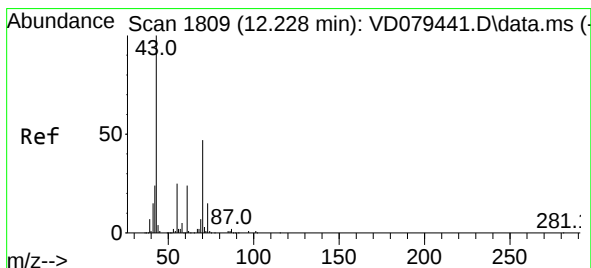
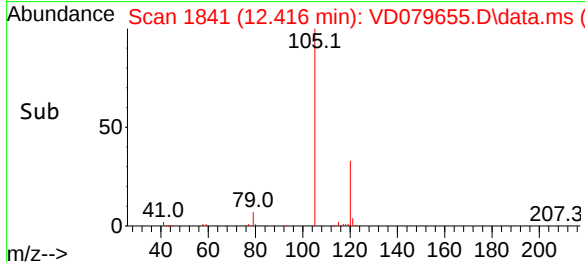
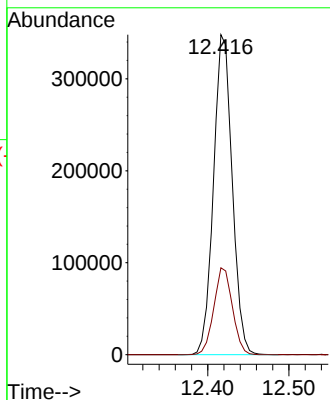
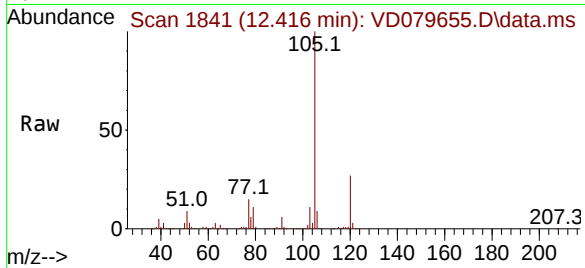




#73
Isopropylbenzene
Concen: 45.322 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

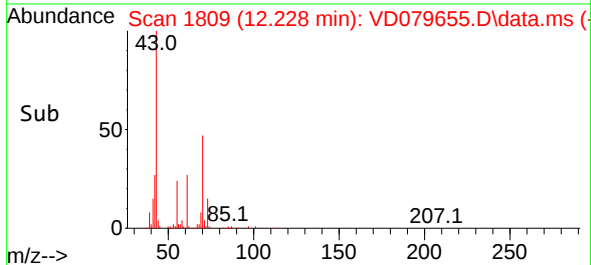
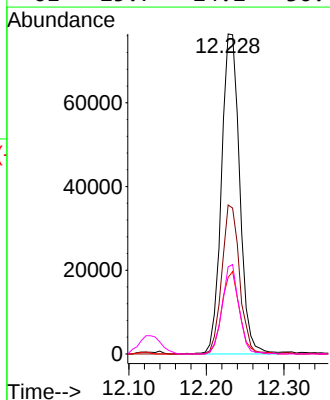
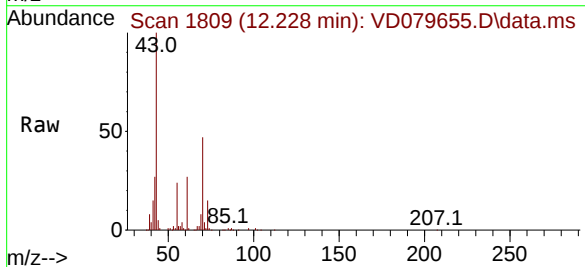
Instrument :
MSVOA_D
ClientSampleId :

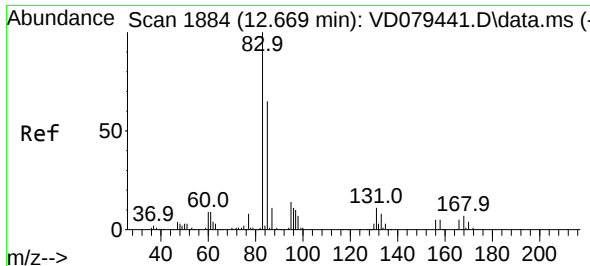
Tgt Ion:105 Resp: 557162
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.7



#74
N-ethyl acetate
Concen: 51.326 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 43 Resp: 124920
Ion Ratio Lower Upper
43 100
70 45.4 44.3 66.5
55 25.0 23.2 34.8
61 25.7 24.2 36.4

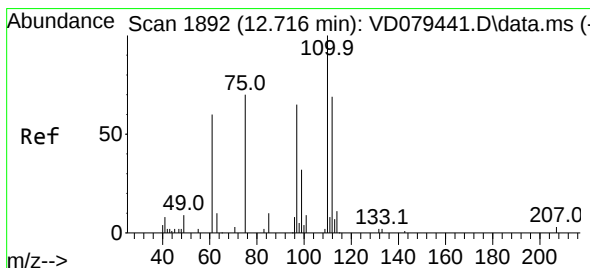
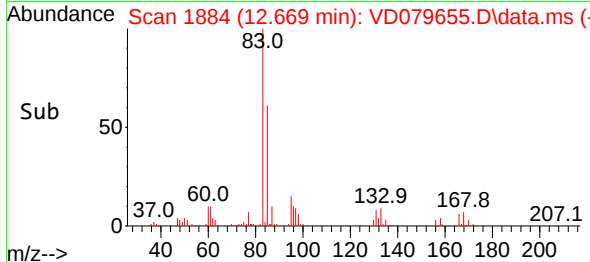
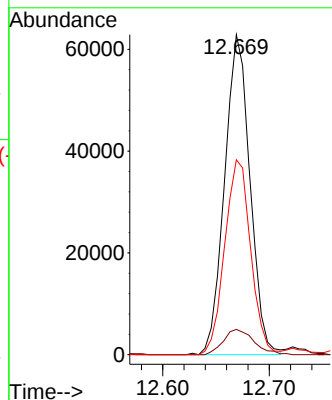
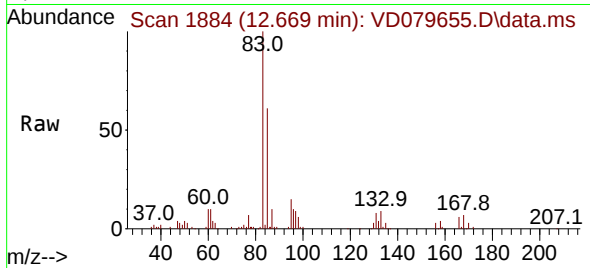




#75
1,1,2,2-Tetrachloroethane
Concen: 48.396 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

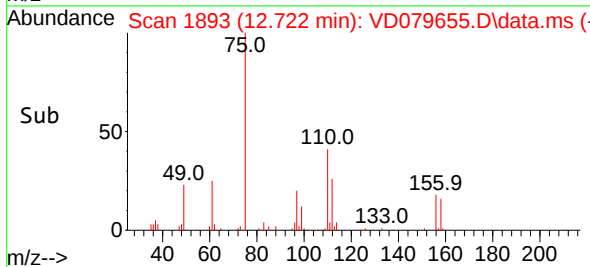
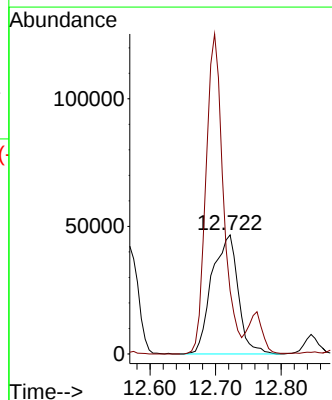
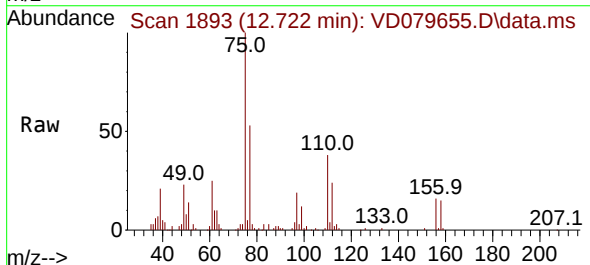
Instrument :
MSVOA_D
ClientSampleId :

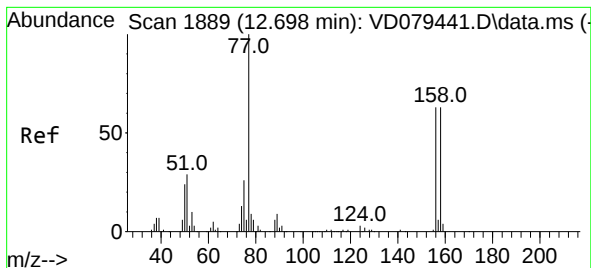
Tgt Ion: 83 Resp: 104036
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 62.4 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 89.582 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 75 Resp: 129573
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.888 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

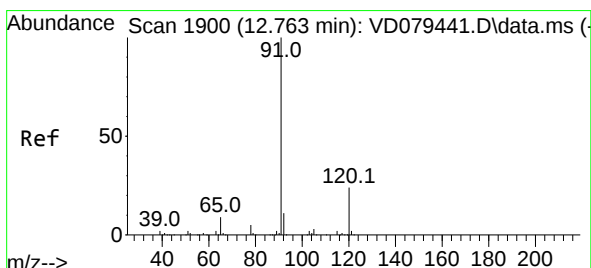
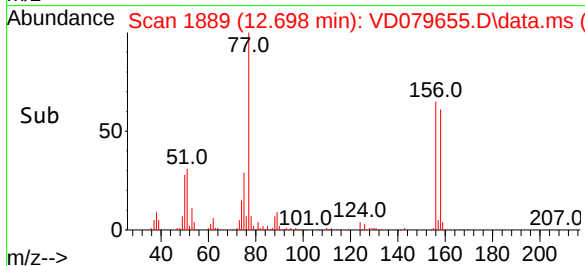
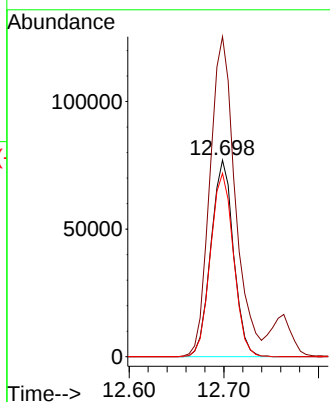
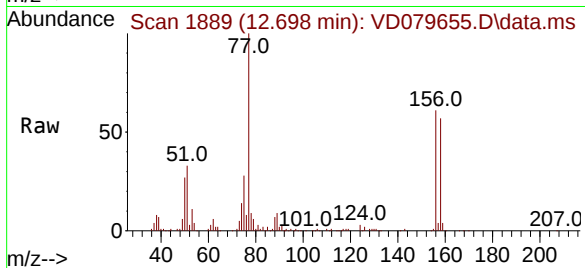
Tgt Ion:156 Resp: 127323

Ion Ratio Lower Upper

156 100

77 182.8 77.3 231.9

158 95.5 49.6 149.0



#78

n-propylbenzene

Concen: 49.305 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VD079655.D

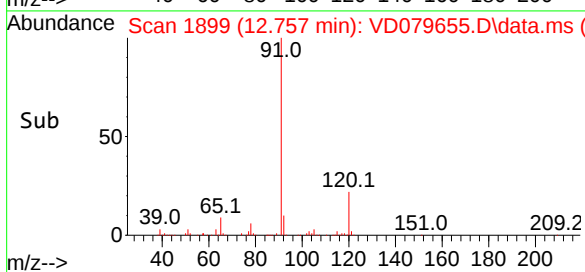
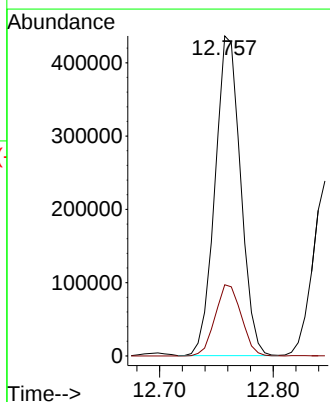
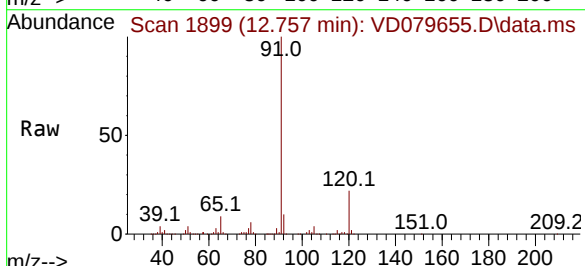
Acq: 07 Aug 2024 22:35

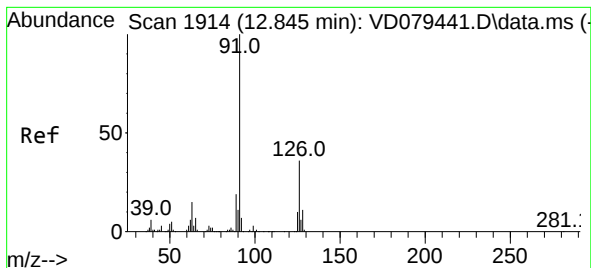
Tgt Ion: 91 Resp: 681992

Ion Ratio Lower Upper

91 100

120 22.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 49.851 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

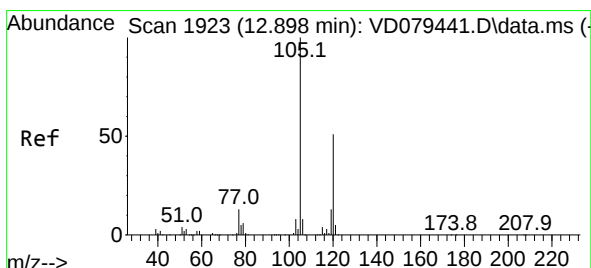
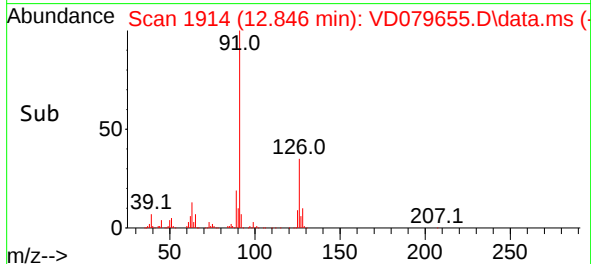
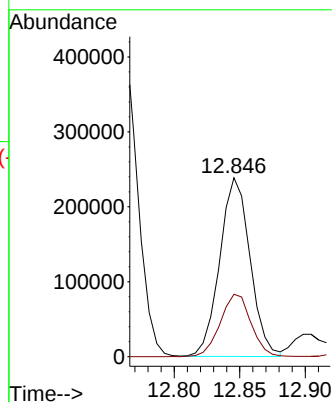
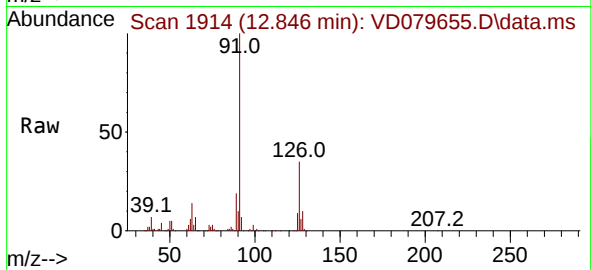
ClientSampleId :

Tgt Ion: 91 Resp: 383948

Ion Ratio Lower Upper

91 100

126 35.5 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 49.748 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079655.D

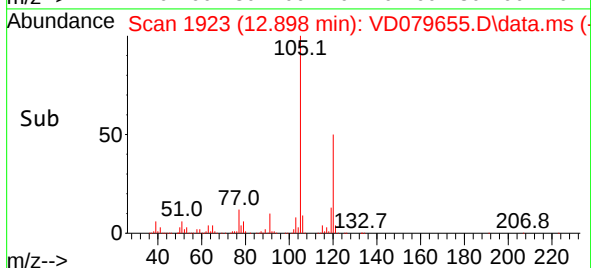
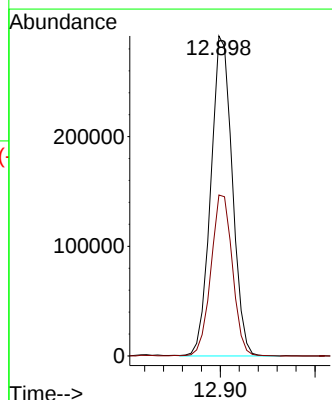
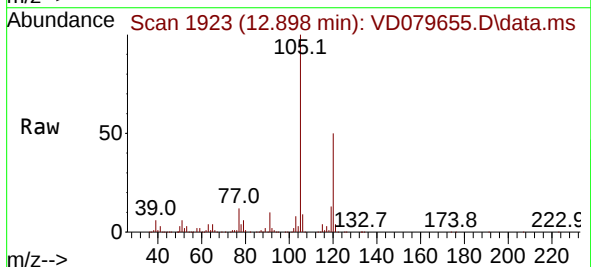
Acq: 07 Aug 2024 22:35

Tgt Ion: 105 Resp: 458557

Ion Ratio Lower Upper

105 100

120 50.5 25.7 77.1

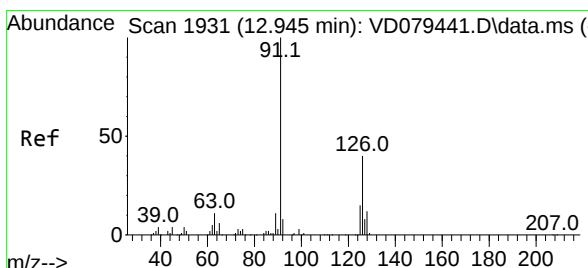
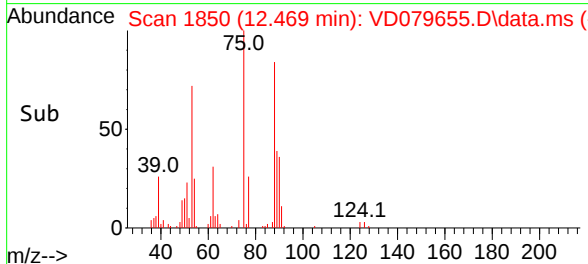
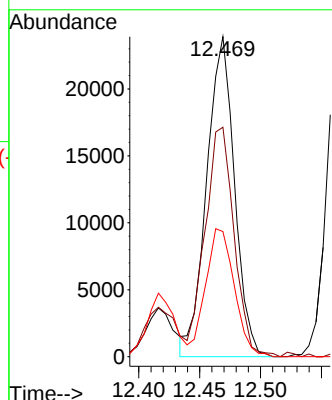
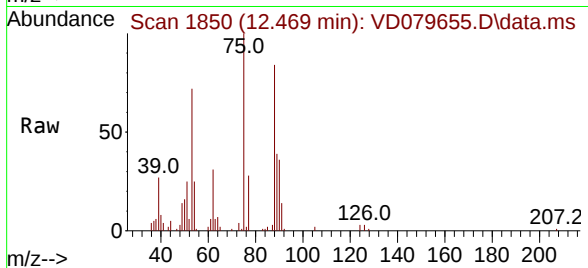




#81
trans-1,4-Dichloro-2-butene
Concen: 50.101 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

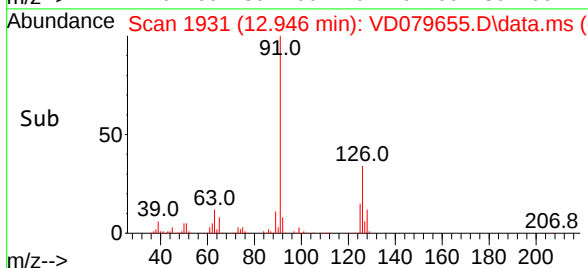
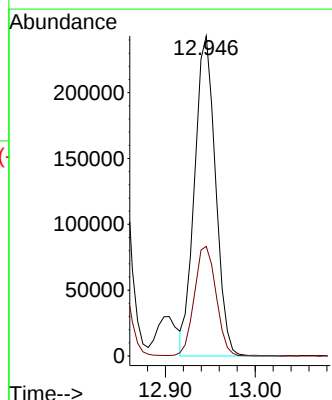
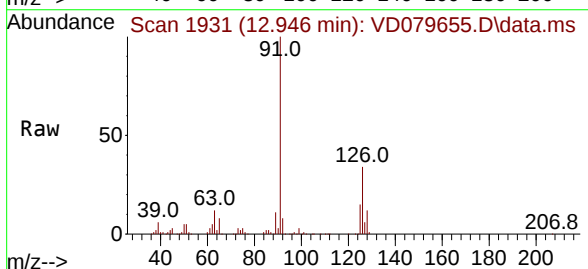
Instrument :
MSVOA_D
ClientSampleId :

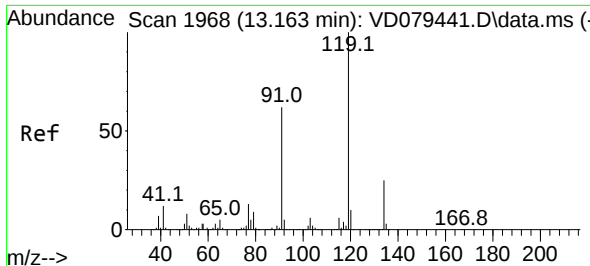
Tgt Ion: 75 Resp: 37995
Ion Ratio Lower Upper
75 100
53 74.5 61.4 92.2
89 41.5 35.4 53.0



#82
4-Chlorotoluene
Concen: 48.994 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 91 Resp: 393381
Ion Ratio Lower Upper
91 100
126 35.7 18.9 56.9

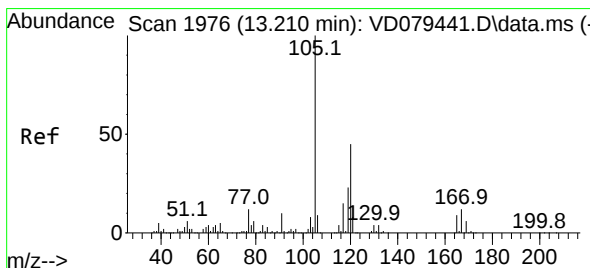
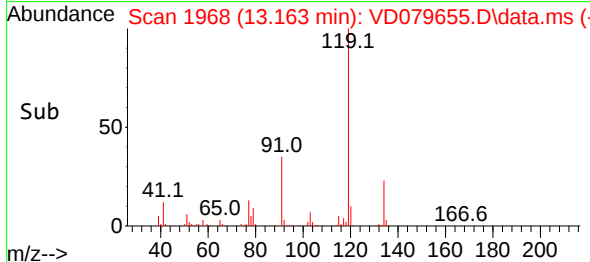
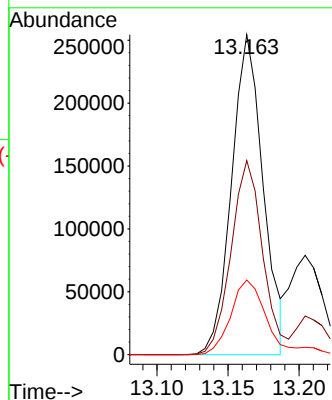
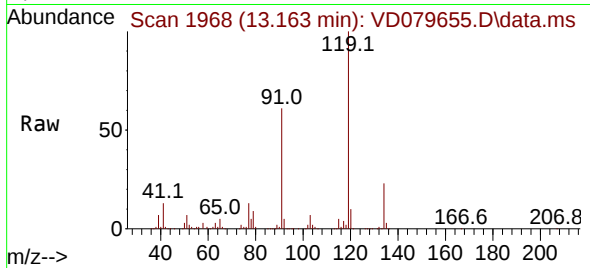




#83
tert-Butylbenzene
Concen: 44.528 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

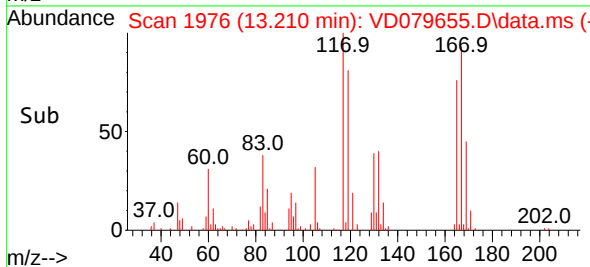
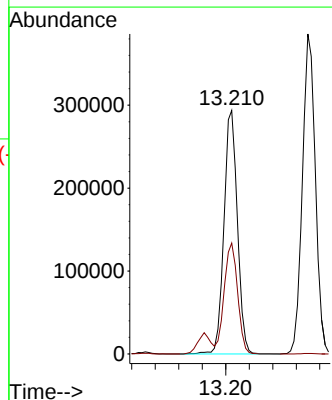
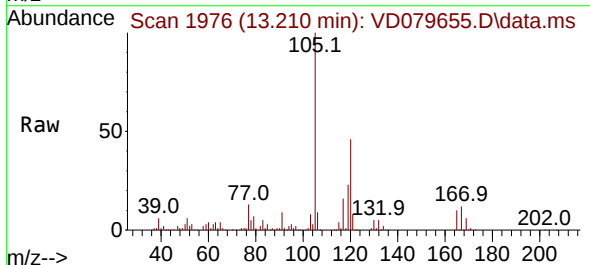
Instrument :
MSVOA_D
ClientSampleId :

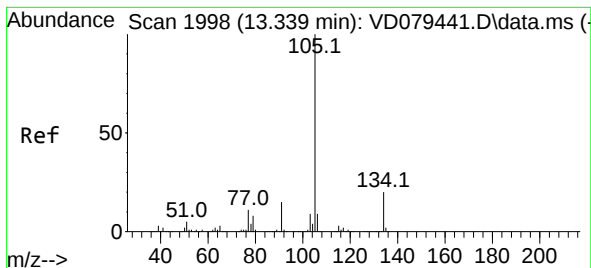
Tgt Ion:119 Resp: 393754
Ion Ratio Lower Upper
119 100
91 61.1 28.2 84.7
134 27.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 45.071 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion:105 Resp: 463649
Ion Ratio Lower Upper
105 100
120 45.7 23.6 71.0





#85

sec-Butylbenzene

Concen: 48.172 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

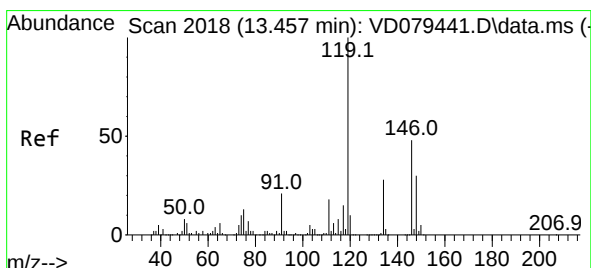
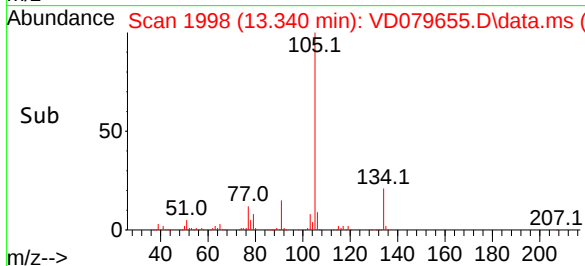
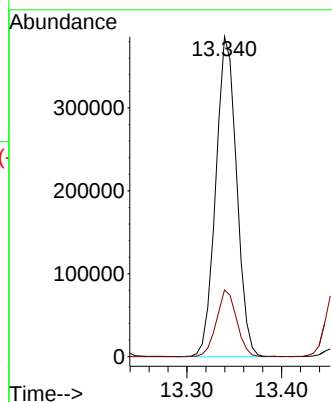
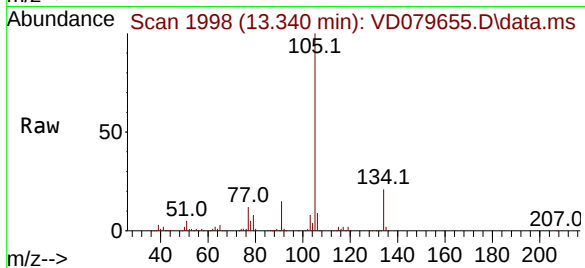
ClientSampleId :

Tgt Ion:105 Resp: 590609

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 42.764 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

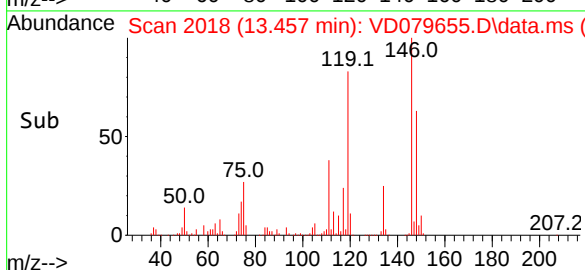
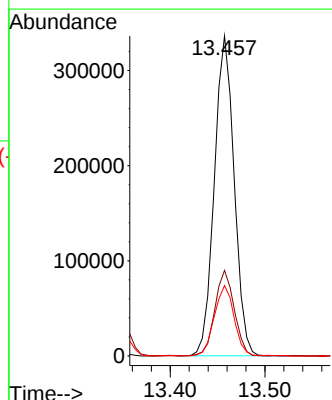
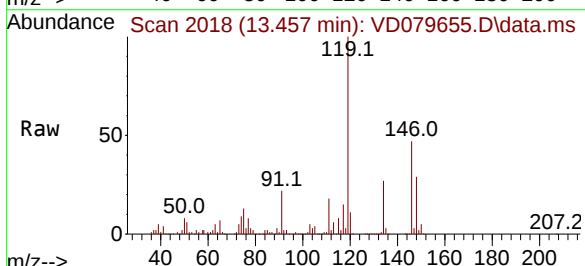
Tgt Ion:119 Resp: 489069

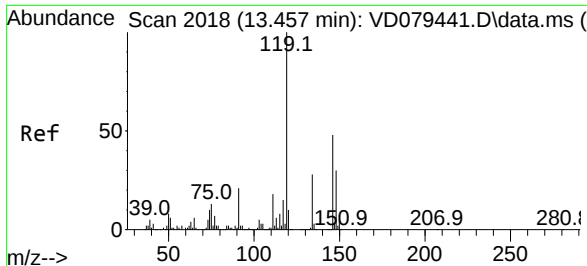
Ion Ratio Lower Upper

119 100

134 26.2 13.7 41.1

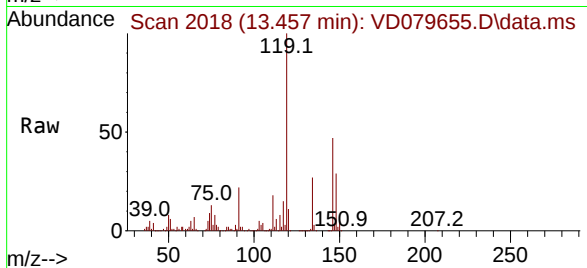
91 22.1 10.7 32.1



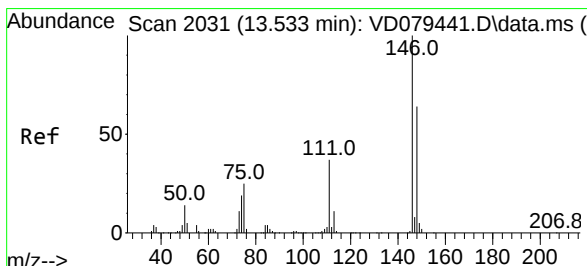
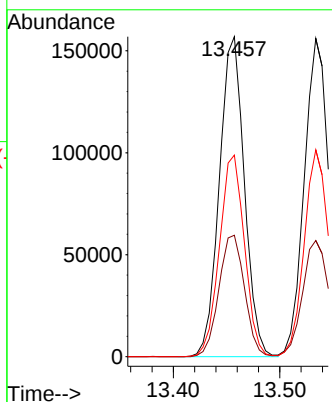
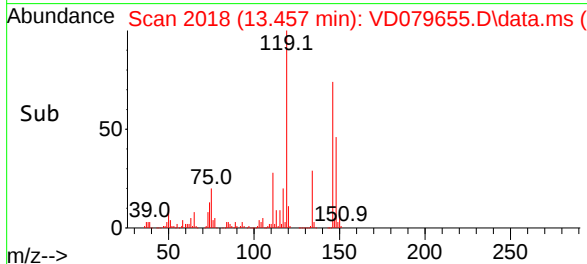


#87
1,3-Dichlorobenzene
Concen: 44.517 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

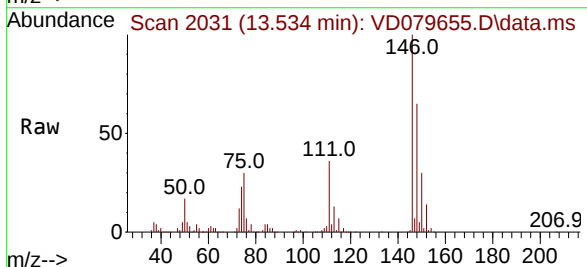
Instrument :
MSVOA_D
ClientSampleId :



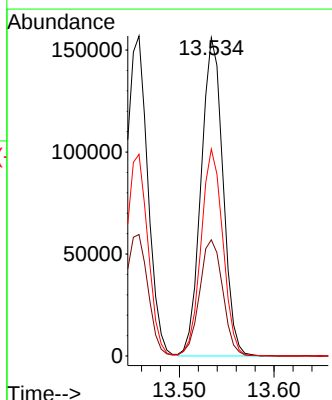
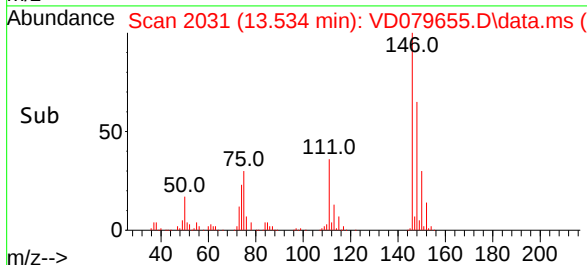
Tgt Ion:146 Resp: 255860
Ion Ratio Lower Upper
146 100
111 38.9 18.5 55.5
148 63.2 30.9 92.8

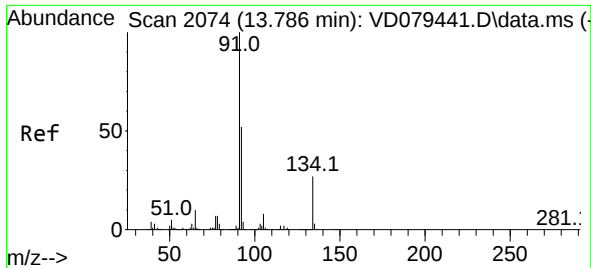


#88
1,4-Dichlorobenzene
Concen: 44.346 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35



Tgt Ion:146 Resp: 250583
Ion Ratio Lower Upper
146 100
111 38.7 17.5 52.6
148 64.6 31.4 94.2

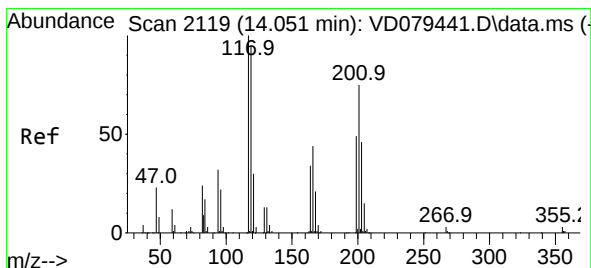
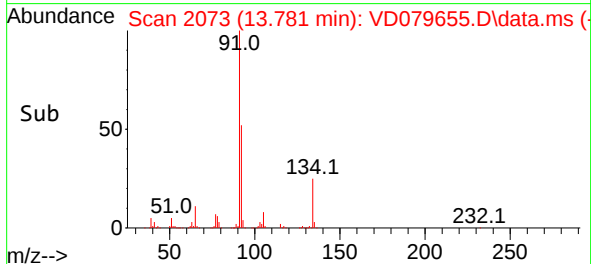
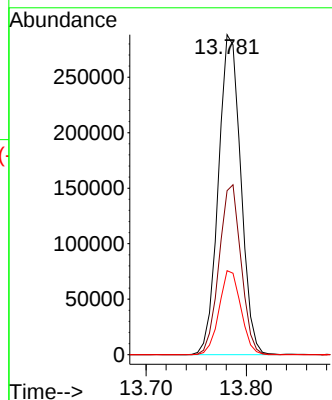
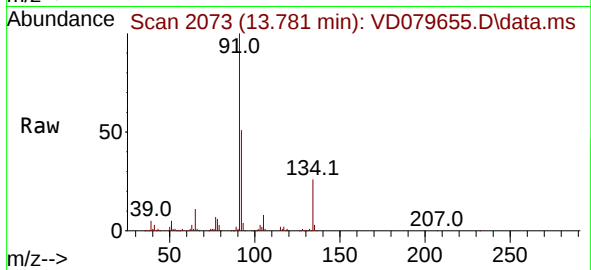




#89
n-Butylbenzene
Concen: 42.377 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

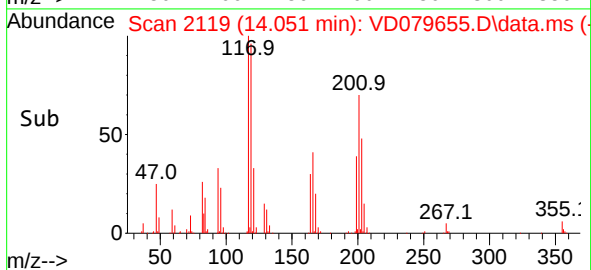
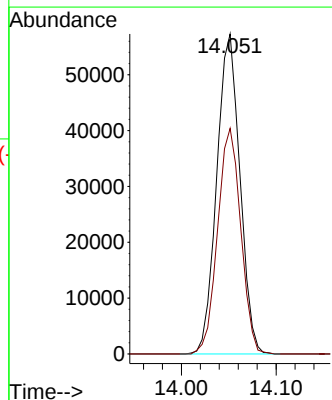
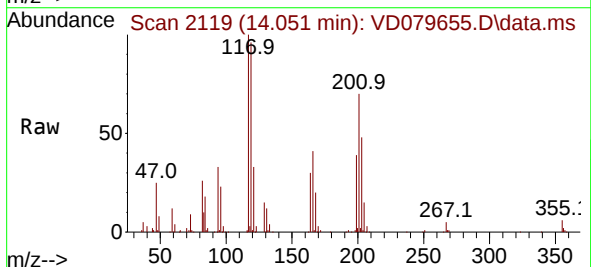
Instrument :
MSVOA_D
ClientSampleId :

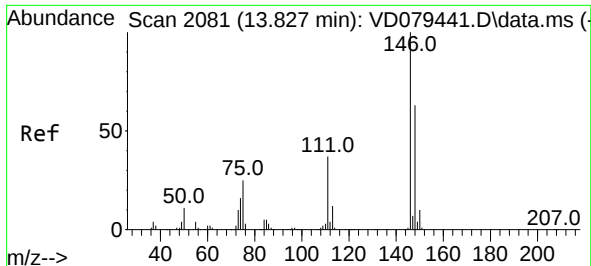
Tgt Ion: 91 Resp: 447308
Ion Ratio Lower Upper
91 100
92 52.0 25.7 77.0
134 25.5 13.6 40.8



#90
Hexachloroethane
Concen: 45.418 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion: 117 Resp: 97395
Ion Ratio Lower Upper
117 100
201 70.4 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 45.348 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

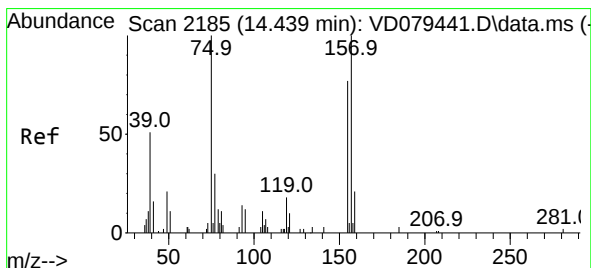
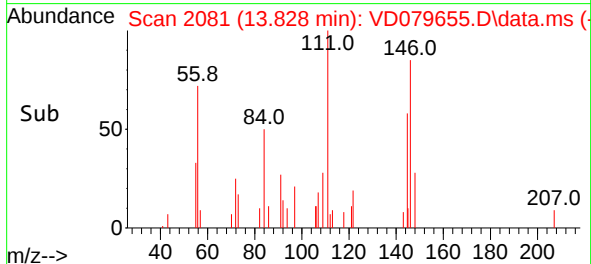
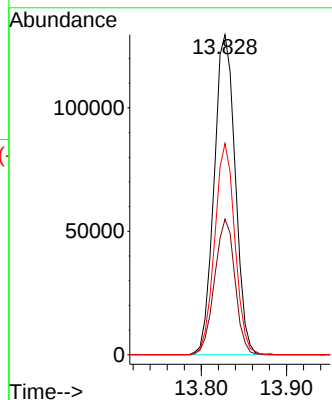
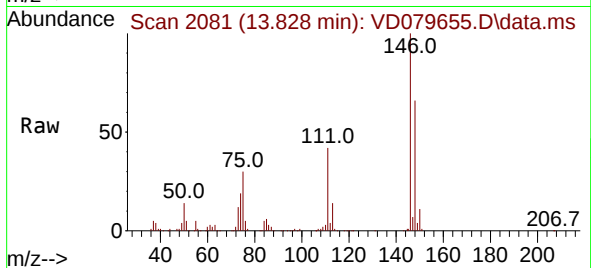
Tgt Ion:146 Resp: 222752

Ion Ratio Lower Upper

146 100

111 40.9 19.1 57.1

148 63.4 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.959 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

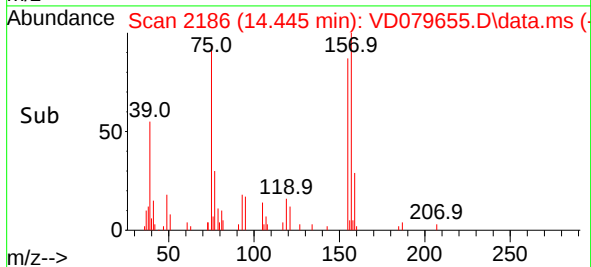
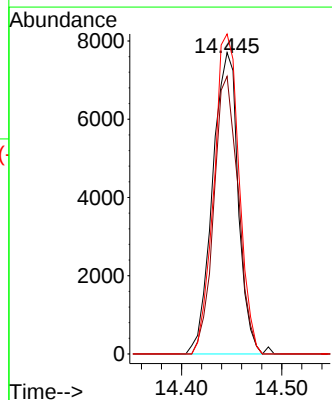
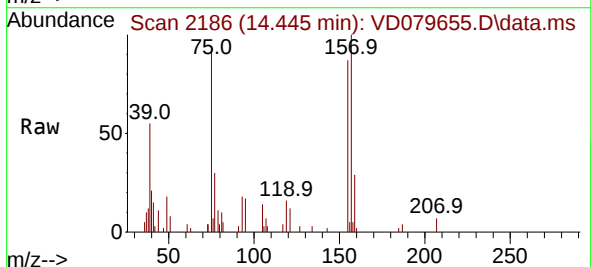
Tgt Ion: 75 Resp: 13718

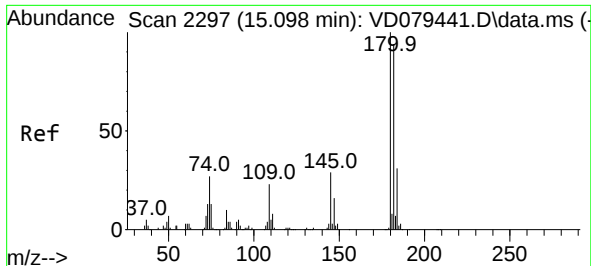
Ion Ratio Lower Upper

75 100

155 86.9 47.7 143.1

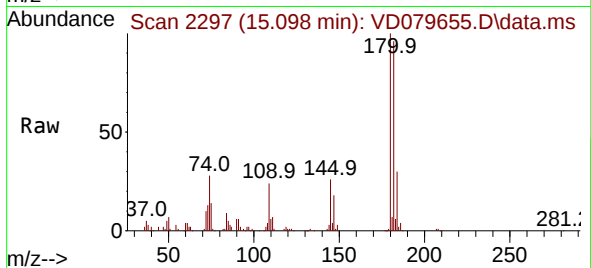
157 104.0 63.4 190.2



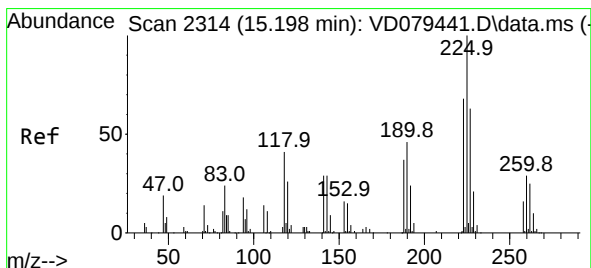
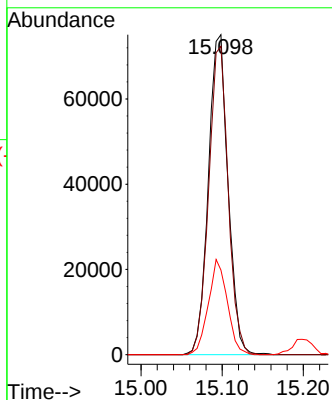
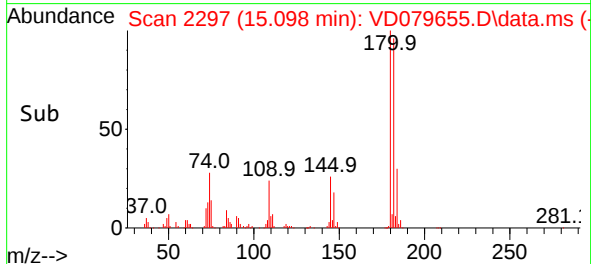


#93
1,2,4-Trichlorobenzene
Concen: 40.819 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Instrument :
MSVOA_D
ClientSampleId :

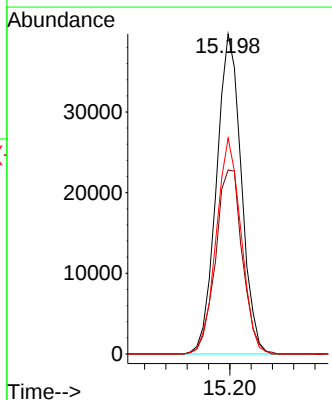
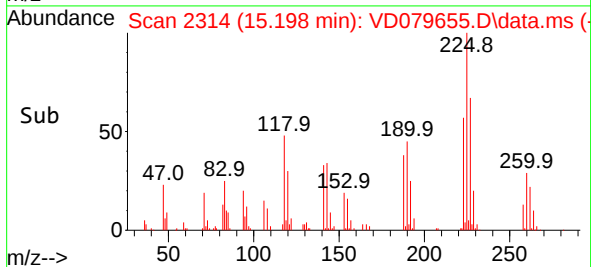
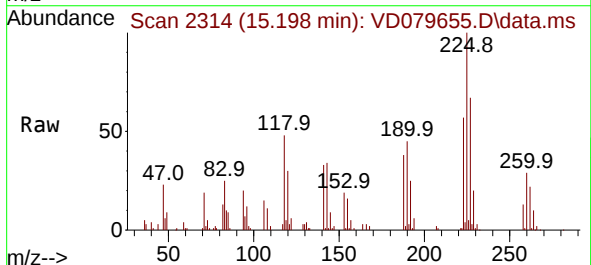


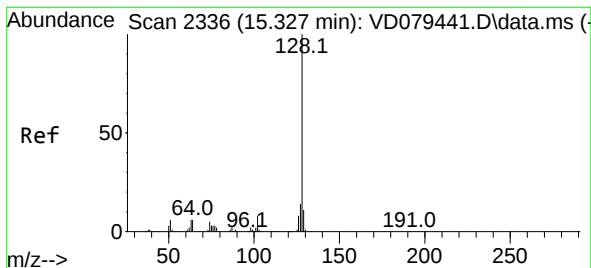
Tgt Ion:180 Resp: 126330
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.7
145 28.8 14.0 41.9



#94
Hexachlorobutadiene
Concen: 38.442 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD079655.D
Acq: 07 Aug 2024 22:35

Tgt Ion:225 Resp: 64211
Ion Ratio Lower Upper
225 100
223 62.2 33.3 99.9
227 67.5 33.6 100.6





#95

Naphthalene

Concen: 45.470 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

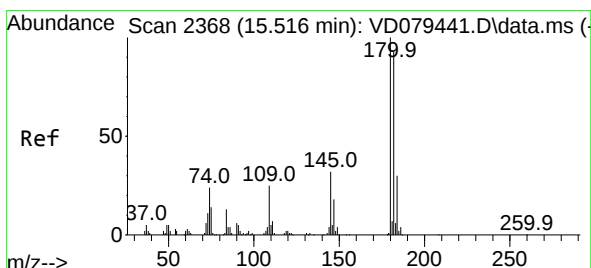
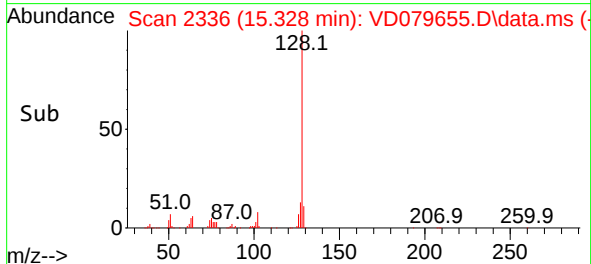
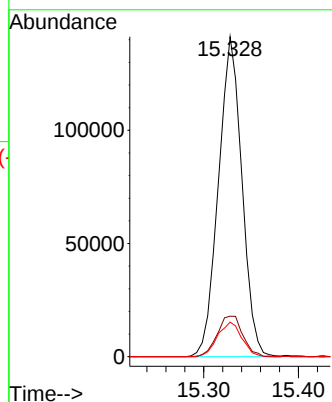
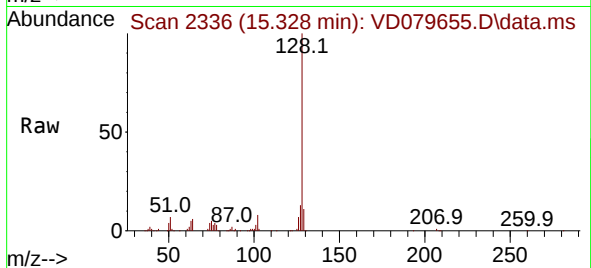
Tgt Ion:128 Resp: 243564

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 41.174 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079655.D

Acq: 07 Aug 2024 22:35

Tgt Ion:180 Resp: 112092

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

145 31.2 16.1 48.2

