

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093024\
 Data File : VD079936.D
 Acq On : 30 Sep 2024 14:59
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 01 05:05:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D093024S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 05:04:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	14359	11.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.800%#
35) Dibromofluoromethane	7.810	113	13752	11.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	22.580%#
50) Toluene-d8	10.269	98	49479	10.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.620%#
62) 4-Bromofluorobenzene	12.569	95	15342	10.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.840%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	13211	10.346	ug/l	98
3) Chloromethane	2.146	50	19219	9.543	ug/l #	87
4) Vinyl Chloride	2.281	62	24408	9.506	ug/l	97
5) Bromomethane	2.693	94	25157	12.954	ug/l	99
6) Chloroethane	2.840	64	17770	9.945	ug/l	97
7) Trichlorofluoromethane	3.175	101	23099	9.788	ug/l	87
8) Diethyl Ether	3.599	74	6422	9.826	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.970	101	13342	9.770	ug/l	98
10) Methyl Iodide	4.169	142	7485	5.528	ug/l	94
11) Tert butyl alcohol	5.046	59	2599	41.466	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	13178	9.666	ug/l #	87
13) Acrolein	3.805	56	5903	42.841	ug/l	86
14) Allyl chloride	4.569	41	14445	8.165	ug/l #	86
15) Acrylonitrile	5.258	53	13448	46.276	ug/l #	88
16) Acetone	4.022	43	13098	35.409	ug/l	98
17) Carbon Disulfide	4.269	76	42958	9.778	ug/l #	84
18) Methyl Acetate	4.558	43	3442	3.482	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	23564	8.336	ug/l #	85
20) Methylene Chloride	4.793	84	15437	8.429	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	13873	8.868	ug/l #	80
22) Diisopropyl ether	6.216	45	32285	8.558	ug/l #	97
23) Vinyl Acetate	6.158	43	65828	34.350	ug/l #	94
24) 1,1-Dichloroethane	6.116	63	25578	9.836	ug/l	94
25) 2-Butanone	7.087	43	15228	34.809	ug/l	94
26) 2,2-Dichloropropane	7.075	77	20633	9.461	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	16681	9.860	ug/l	97
28) Bromochloromethane	7.422	49	12371	11.842	ug/l	89
29) Tetrahydrofuran	7.446	42	9092	44.544	ug/l	95
30) Chloroform	7.593	83	27234	10.207	ug/l	99
31) Cyclohexane	7.875	56	18557	8.177	ug/l #	91
32) 1,1,1-Trichloroethane	7.781	97	23266	10.125	ug/l	95
36) 1,1-Dichloropropene	8.010	75	18687	9.465	ug/l	99
37) Ethyl Acetate	7.169	43	5175	6.965	ug/l #	85
38) Carbon Tetrachloride	7.993	117	20340	10.285	ug/l	95
39) Methylcyclohexane	9.275	83	18289	7.883	ug/l	95
40) Benzene	8.246	78	53903	9.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	4185	10.271	ug/l	90
42) 1,2-Dichloroethane	8.328	62	16243	10.951	ug/l	97
43) Isopropyl Acetate	8.357	43	12854	9.345	ug/l	94
44) Trichloroethene	9.028	130	14054	9.694	ug/l	84
45) 1,2-Dichloropropane	9.305	63	12875	9.189	ug/l #	82
46) Dibromomethane	9.393	93	8291	10.543	ug/l	98
47) Bromodichloromethane	9.587	83	21717	11.078	ug/l	97
48) Methyl methacrylate	9.381	41	5550	7.224	ug/l #	88
49) 1,4-Dioxane	9.387	88	1826	241.971	ug/l	96
51) 4-Methyl-2-Pentanone	10.163	43	30163	41.710	ug/l	96
52) Toluene	10.334	92	33074	9.207	ug/l	98
53) t-1,3-Dichloropropene	10.546	75	16864	9.402	ug/l #	88
54) cis-1,3-Dichloropropene	10.022	75	20357	9.541	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	11830	11.475	ug/l #	86
56) Ethyl methacrylate	10.599	69	10287	11.110	ug/l	93
57) 1,3-Dichloropropane	10.875	76	17128	9.679	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	22622	44.068	ug/l	100
59) 2-Hexanone	10.922	43	21997	37.698	ug/l	94
60) Dibromochloromethane	11.069	129	14365	11.495	ug/l	97
61) 1,2-Dibromoethane	11.175	107	9238	9.670	ug/l	94
64) Tetrachloroethene	10.804	164	12766	10.986	ug/l	92
65) Chlorobenzene	11.610	112	39629	10.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	14787	10.760	ug/l	94
67) Ethyl Benzene	11.681	91	60139	8.588	ug/l	95
68) m/p-Xylenes	11.787	106	48301	18.011	ug/l	99
69) o-Xylene	12.116	106	21467	8.841	ug/l	99
70) Styrene	12.134	104	39243	10.423	ug/l	98
71) Bromoform	12.304	173	7621	10.789	ug/l #	94
73) Isopropylbenzene	12.422	105	53718	7.627	ug/l	99
74) N-amyl acetate	12.234	43	11923	8.600	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	11774	8.955	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	14309	16.652	ug/l #	100
77) Bromobenzene	12.698	156	15181	9.620	ug/l	97
78) n-propylbenzene	12.763	91	68930	7.857	ug/l	99
79) 2-Chlorotoluene	12.845	91	39947	8.453	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	45927	7.825	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.457	75	4222	10.315	ug/l	89
82) 4-Chlorotoluene	12.945	91	45305	9.073	ug/l	98
83) tert-Butylbenzene	13.163	119	38112	7.798	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	47227	7.918	ug/l	99
85) sec-Butylbenzene	13.345	105	58089	7.778	ug/l	95
86) p-Isopropyltoluene	13.457	119	48720	7.541	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	31410	9.610	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	31754	9.820	ug/l	95
89) n-Butylbenzene	13.787	91	46278	7.389	ug/l	98
90) Hexachloroethane	14.057	117	12437	9.692	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	27812	10.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1931	10.071	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	15238	8.915	ug/l	99
94) Hexachlorobutadiene	15.204	225	7818	9.343	ug/l	92
95) Naphthalene	15.328	128	24899	7.875	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.516	180	13076	9.073	ug/l	91

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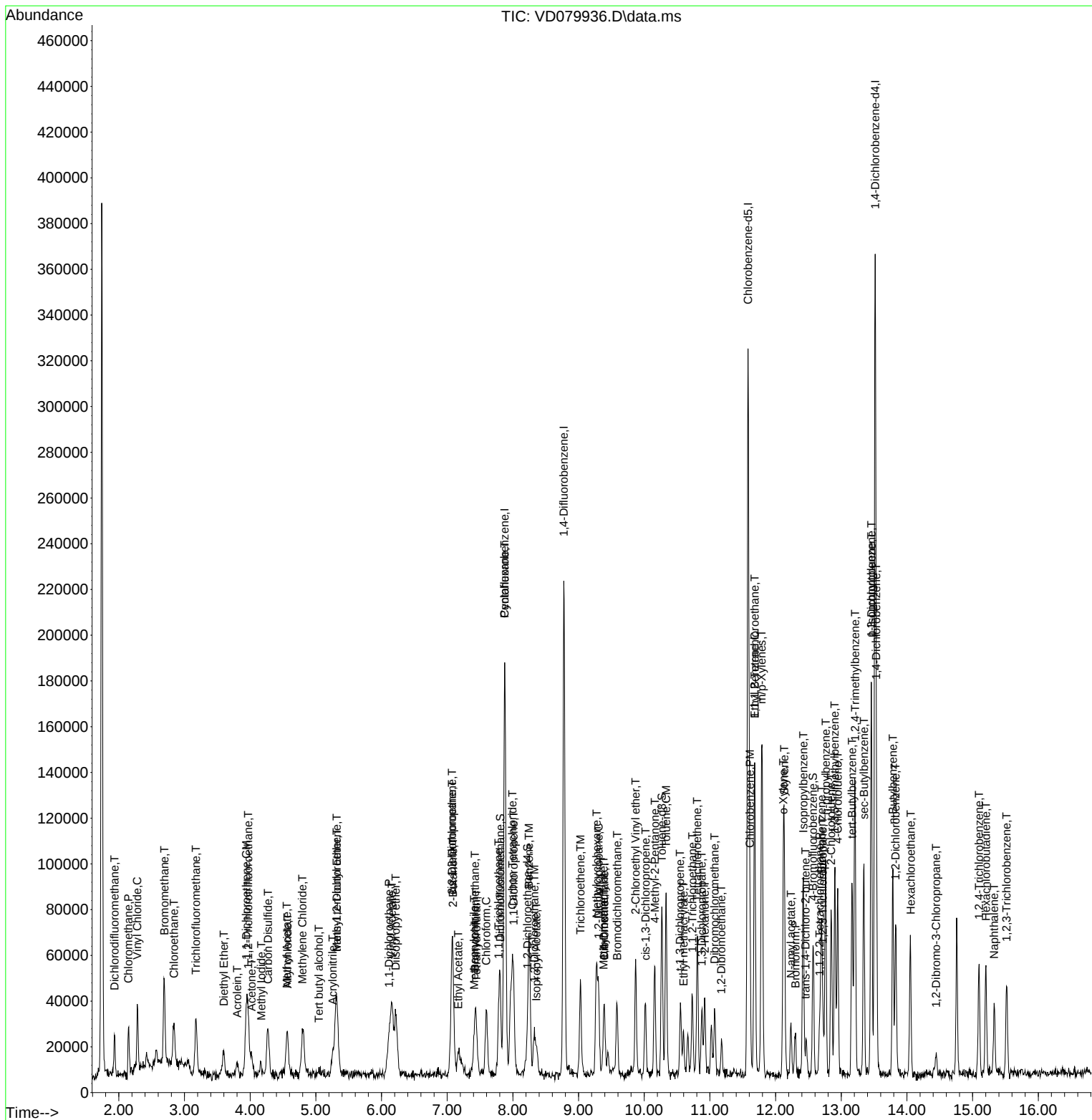
Instrument :
MSVOA_D
ClientSampleId :

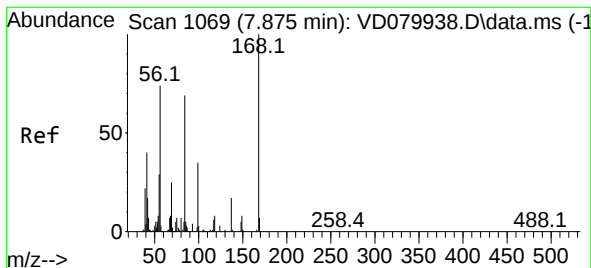
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Quant Title : SW846 8260
QLast Update : Tue Oct 01 05:04:24 2024
Response via : Initial Calibration

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

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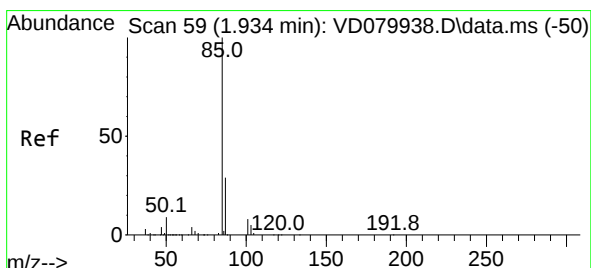
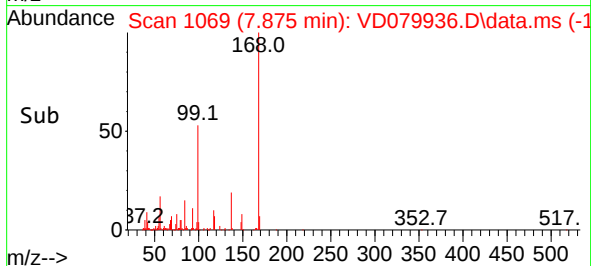
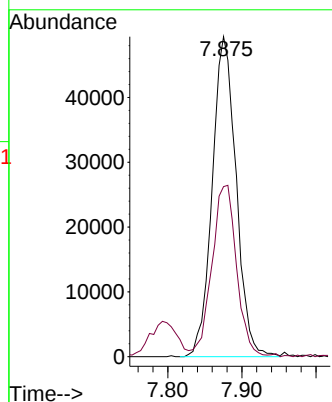
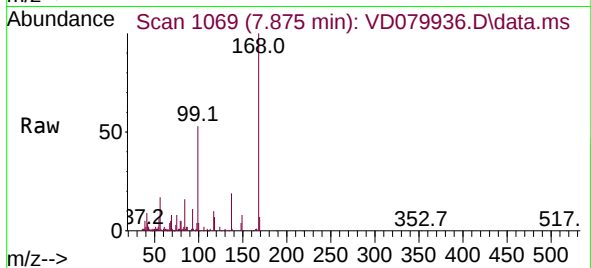




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079936.D
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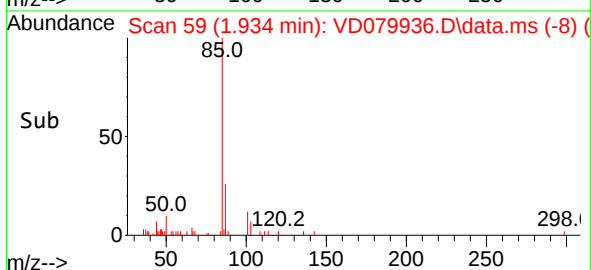
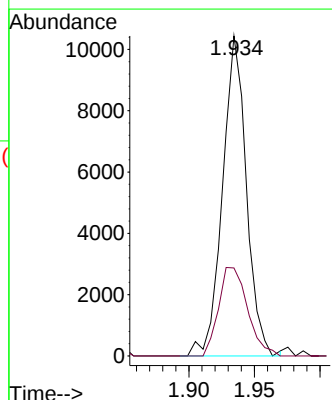
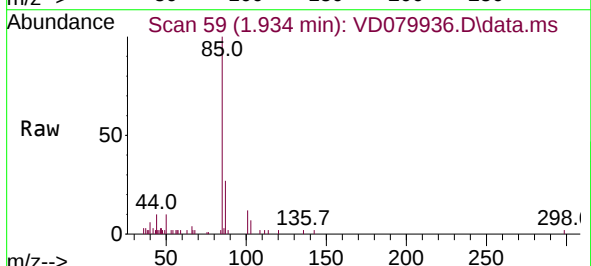
Instrument :
MSVOA_D
ClientSampleId :

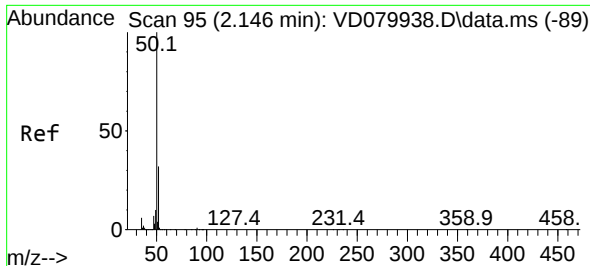
Tgt Ion:168 Resp: 110667
Ion Ratio Lower Upper
168 100
99 53.1 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 10.346 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 85 Resp: 13211
Ion Ratio Lower Upper
85 100
87 27.5 14.4 43.2

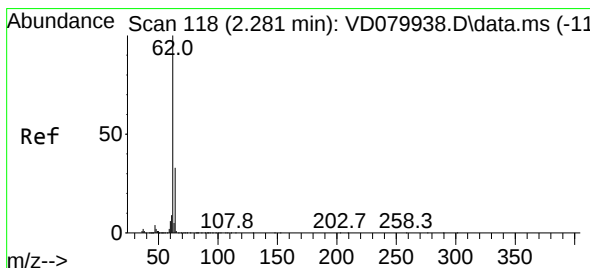
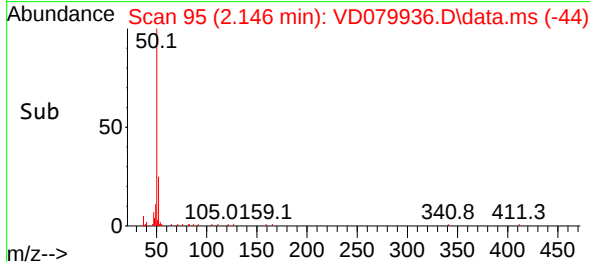
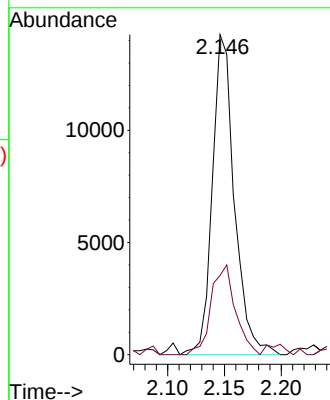
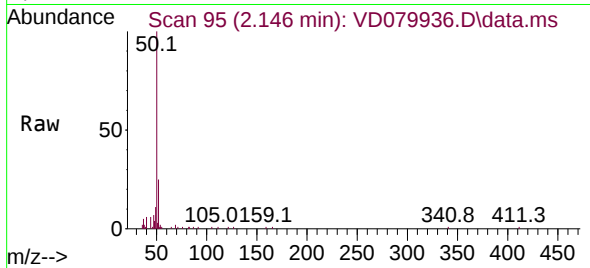




#3
Chloromethane
Concen: 9.543 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

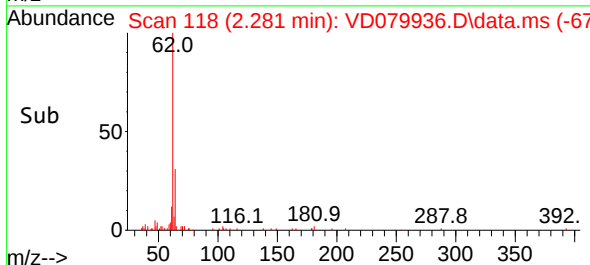
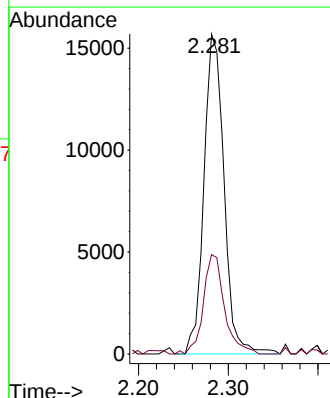
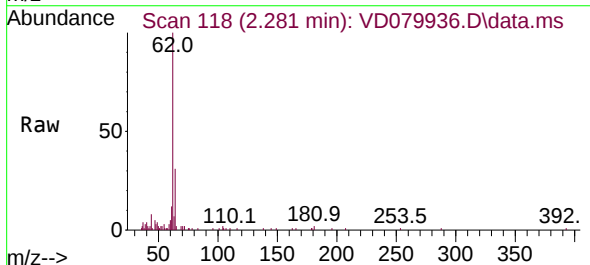
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MSVOA_D
ClientSampleId :

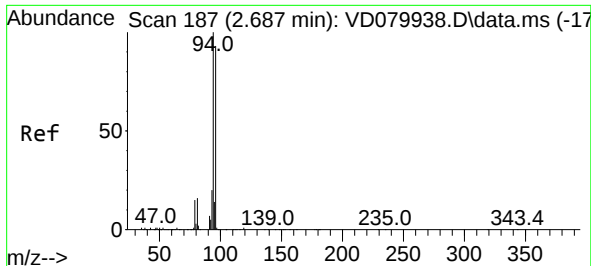
Tgt Ion: 50 Resp: 19219
Ion Ratio Lower Upper
50 100
52 24.8 25.6 38.4#



#4
Vinyl Chloride
Concen: 9.506 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 62 Resp: 24408
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0

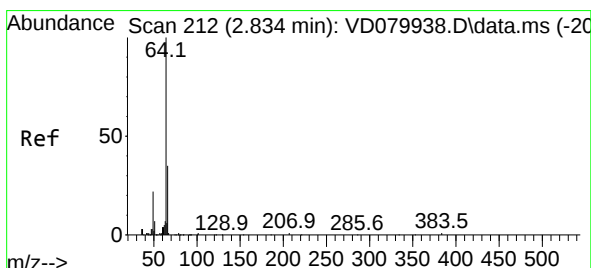
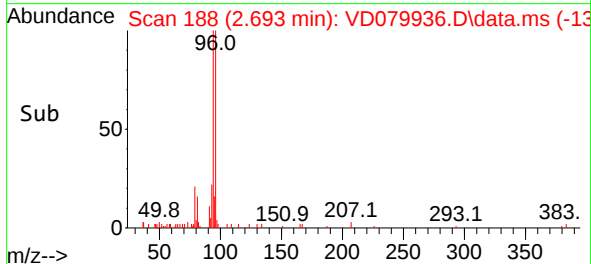
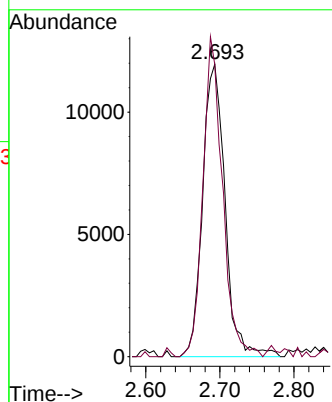
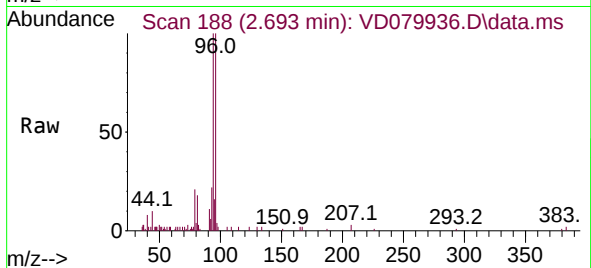




#5
Bromomethane
Concen: 12.954 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

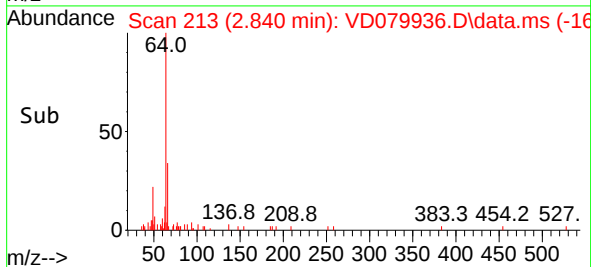
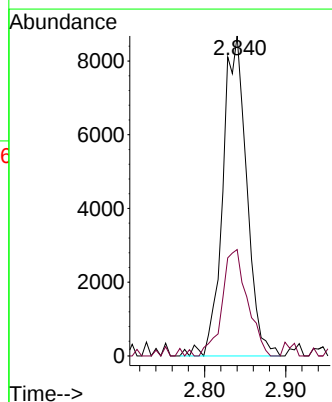
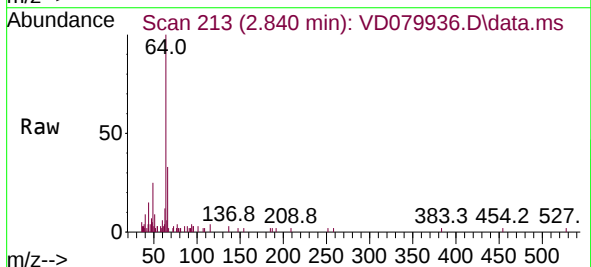
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ClientSampleId :

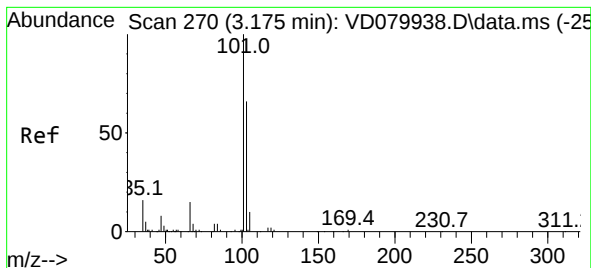
Tgt Ion: 94 Resp: 25157
Ion Ratio Lower Upper
94 100
96 95.6 75.9 113.9



#6
Chloroethane
Concen: 9.945 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 64 Resp: 17770
Ion Ratio Lower Upper
64 100
66 33.2 28.0 42.0





#7

Trichlorofluoromethane

Concen: 9.788 ug/l

RT: 3.175 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

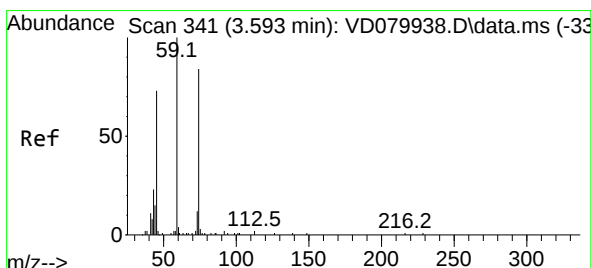
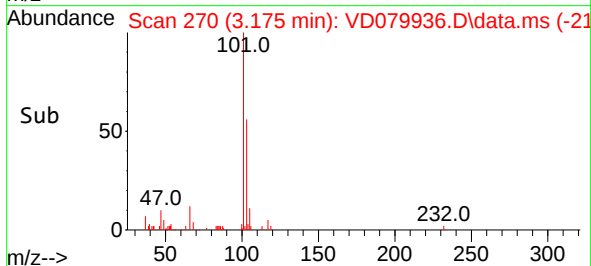
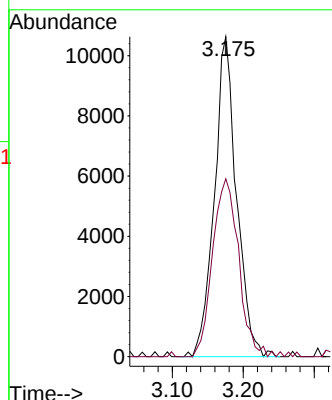
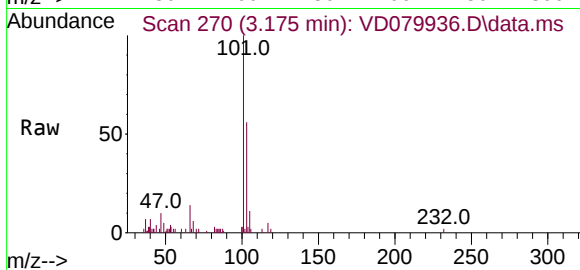
ClientSampleId :

Tgt Ion:101 Resp: 23099

Ion Ratio Lower Upper

101 100

103 55.6 52.6 79.0



#8

Diethyl Ether

Concen: 9.826 ug/l

RT: 3.599 min Scan# 342

Delta R.T. 0.006 min

Lab File: VD079936.D

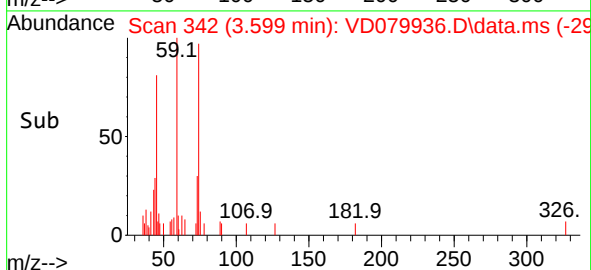
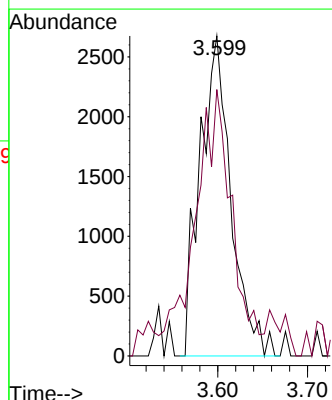
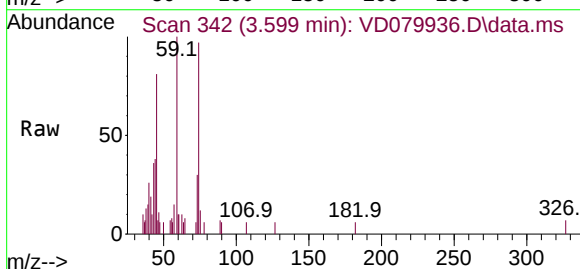
Acq: 30 Sep 2024 14:59

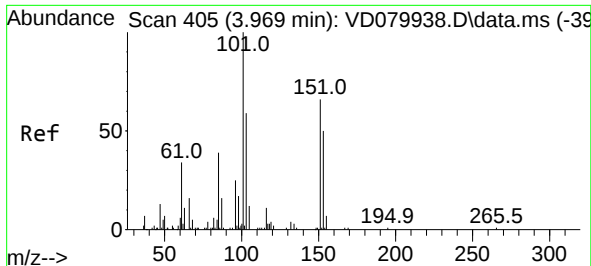
Tgt Ion: 74 Resp: 6422

Ion Ratio Lower Upper

74 100

45 97.6 44.0 132.0

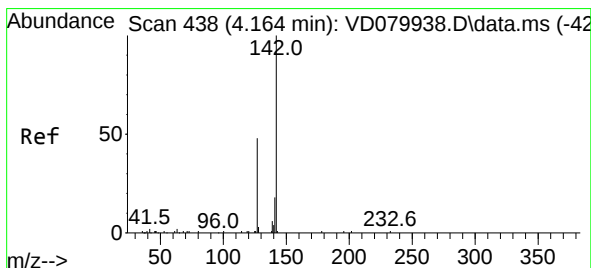
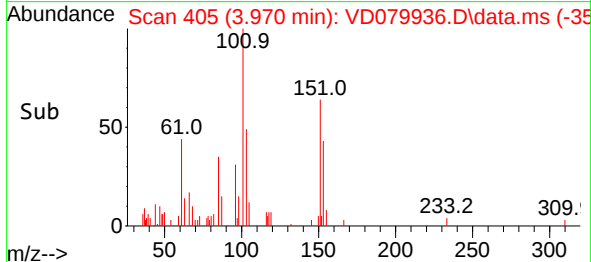
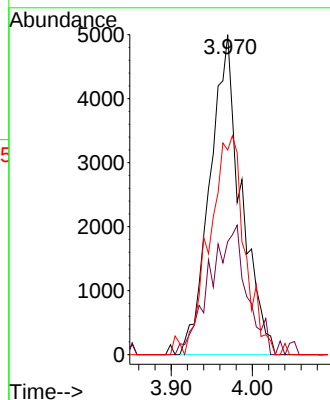
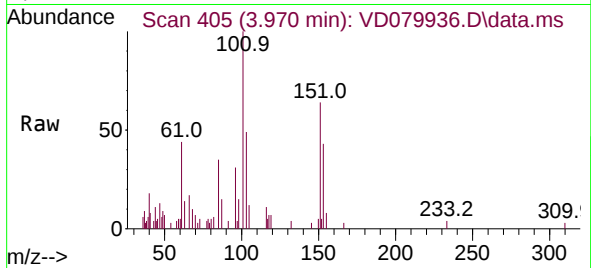




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.770 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

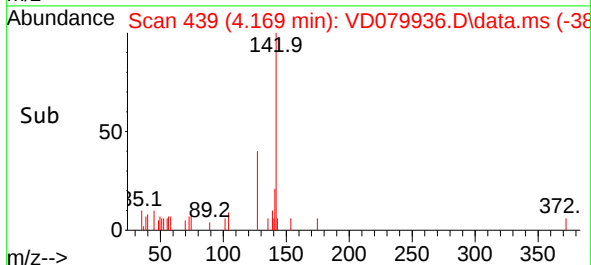
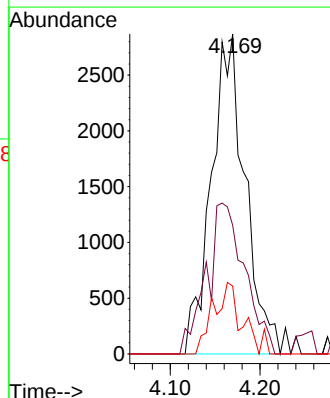
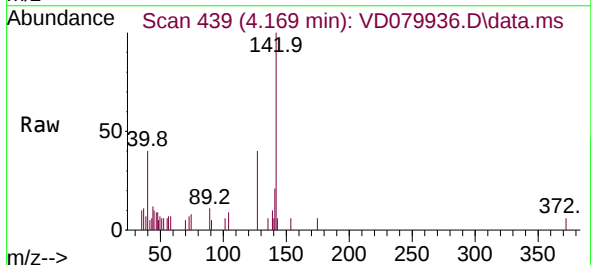
Instrument :
MSVOA_D
ClientSampleId :

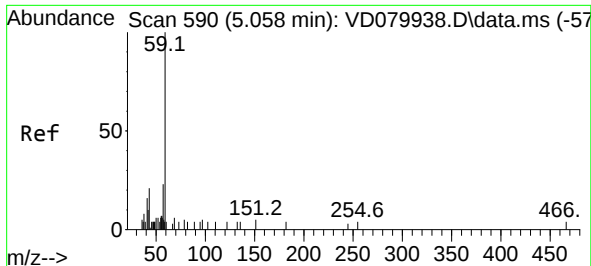
Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.1	36.4	54.6
151	76.2	59.8	89.8



#10
Methyl Iodide
Concen: 5.528 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

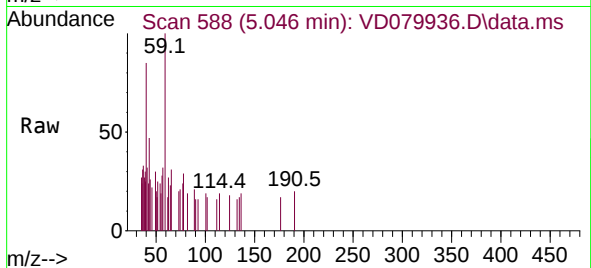
Tgt Ion	Ratio	Lower	Upper
142	100		
127	53.3	38.5	57.7
141	18.0	13.9	20.9



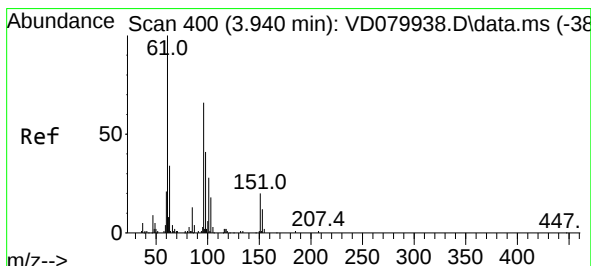
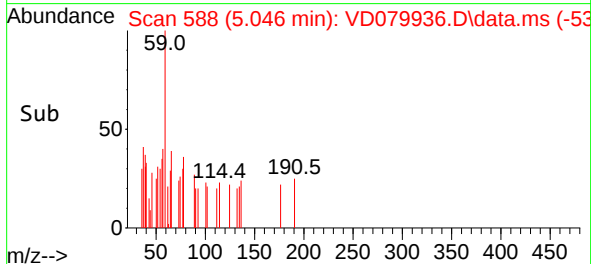
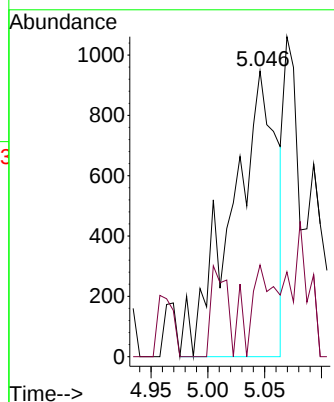


#11
Tert butyl alcohol
Concen: 41.466 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :

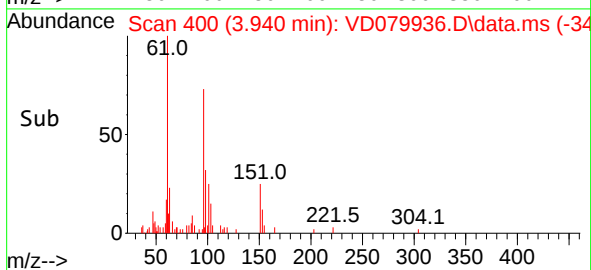
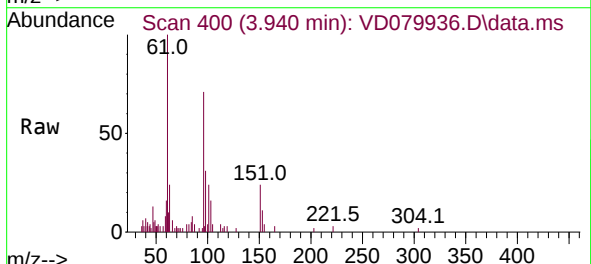
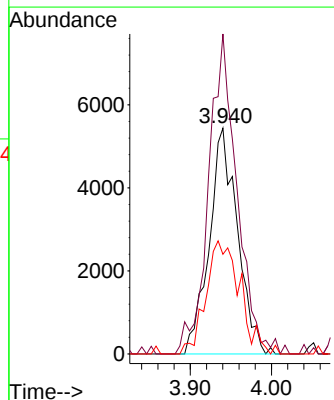


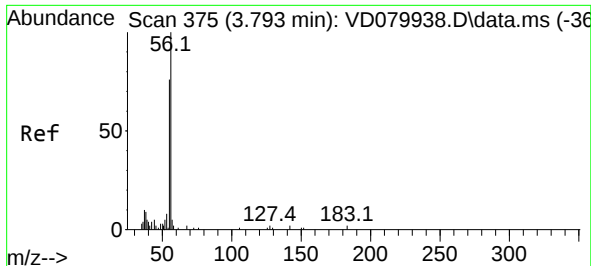
Tgt Ion: 59 Resp: 2599
Ion Ratio Lower Upper
59 100
57 15.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 9.666 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 96 Resp: 13178
Ion Ratio Lower Upper
96 100
61 138.9 120.3 180.5
98 44.2 49.8 74.6#

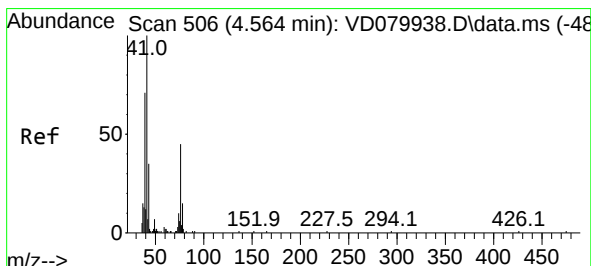
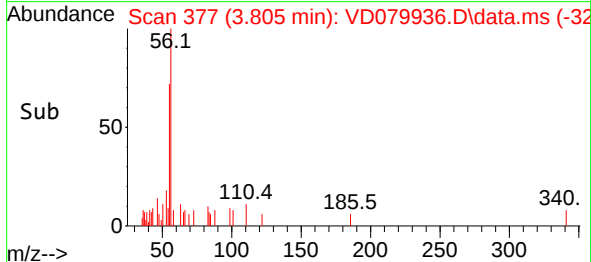
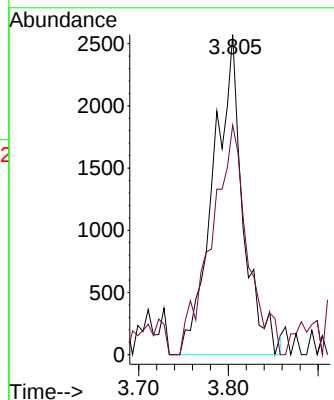
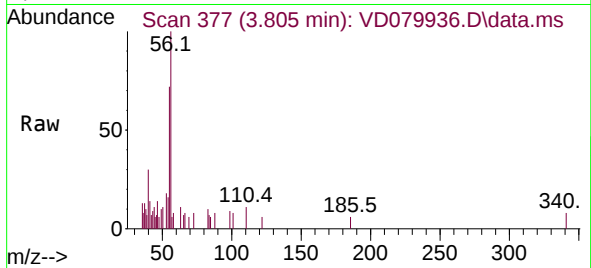




#13
Acrolein
Concen: 42.841 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

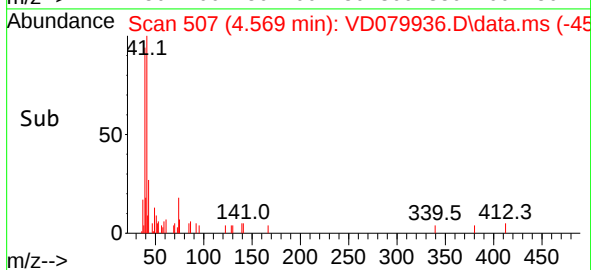
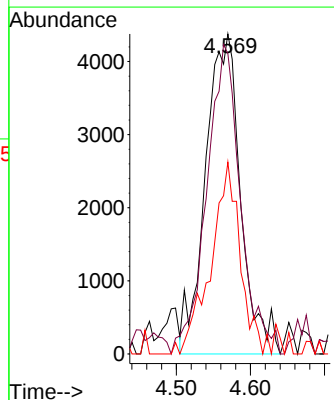
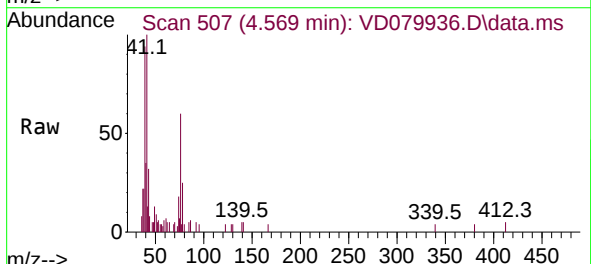
Instrument :
MSVOA_D
ClientSampleId :

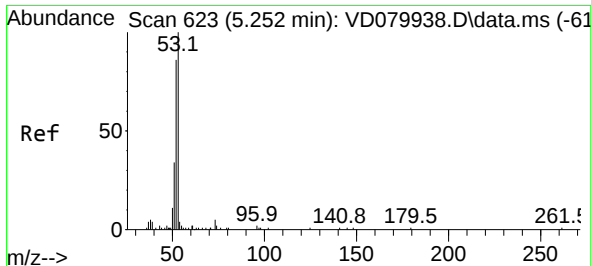
Tgt Ion: 56 Resp: 5903
Ion Ratio Lower Upper
56 100
55 87.6 60.3 90.5



#14
Allyl chloride
Concen: 8.165 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

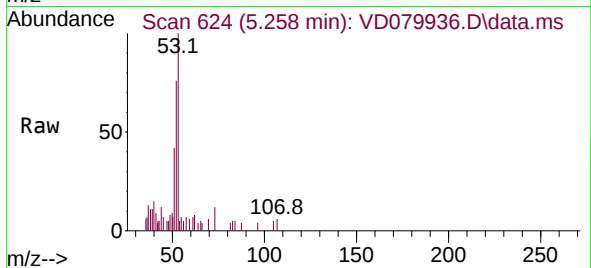
Tgt Ion: 41 Resp: 14445
Ion Ratio Lower Upper
41 100
39 92.6 58.1 87.1#
76 49.8 39.5 59.3



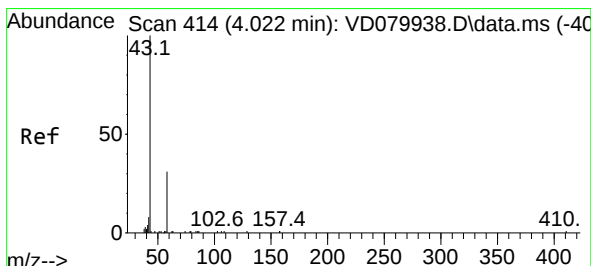
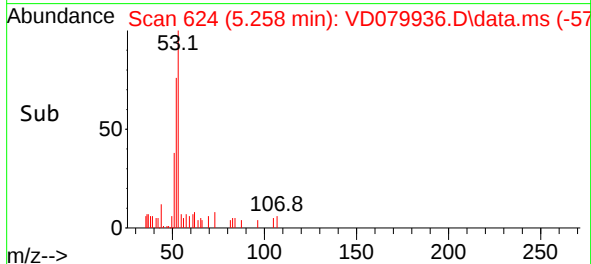
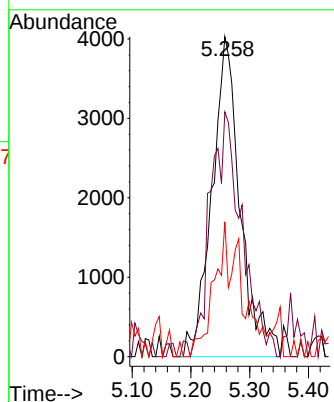


#15
Acrylonitrile
Concen: 46.276 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :

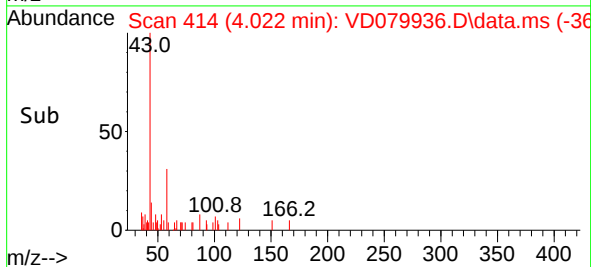
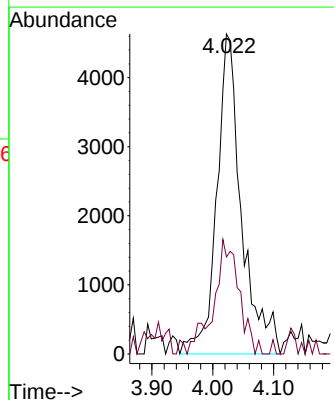
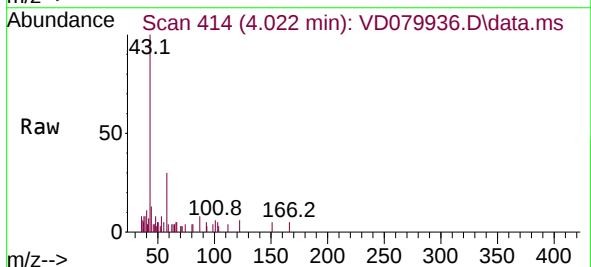


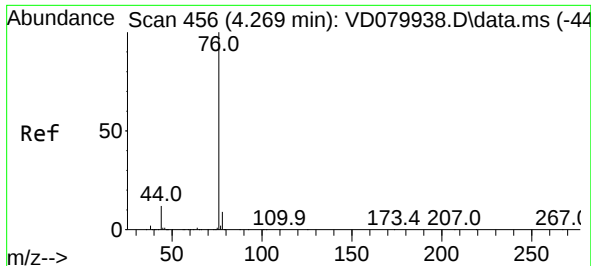
Tgt Ion: 53 Resp: 13448
Ion Ratio Lower Upper
53 100
52 84.6 68.9 103.3
51 20.6 32.7 49.1#



#16
Acetone
Concen: 35.409 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 43 Resp: 13098
Ion Ratio Lower Upper
43 100
58 30.3 25.1 37.7

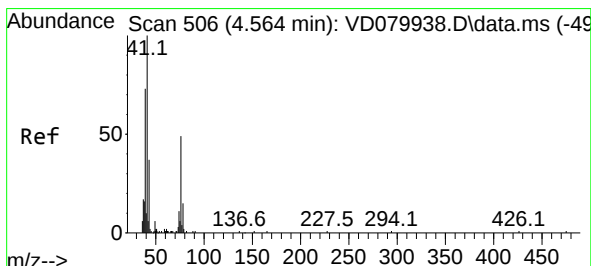
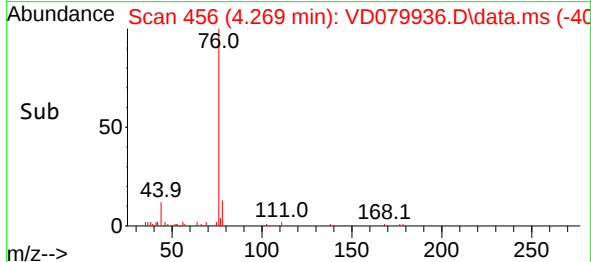
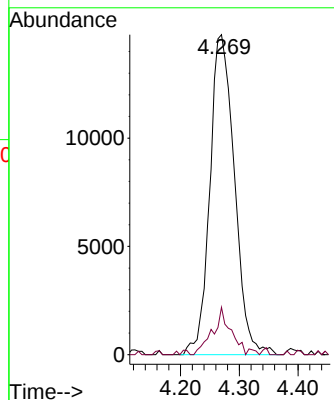
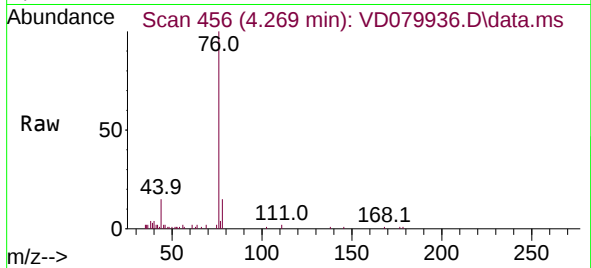




#17
Carbon Disulfide
Concen: 9.778 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

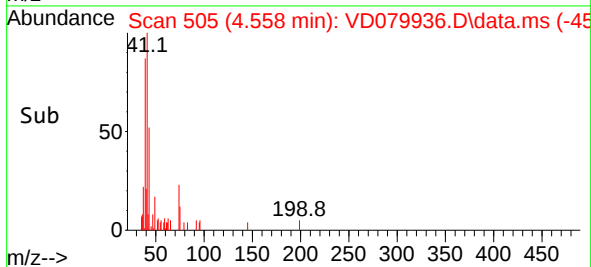
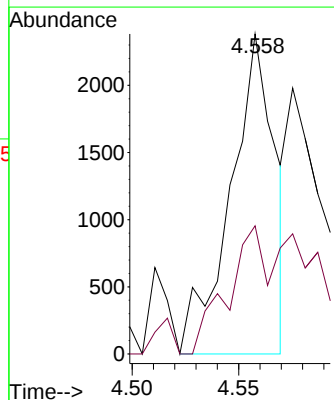
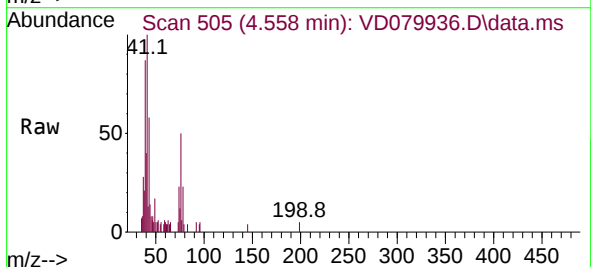
Instrument :
MSVOA_D
ClientSampleId :

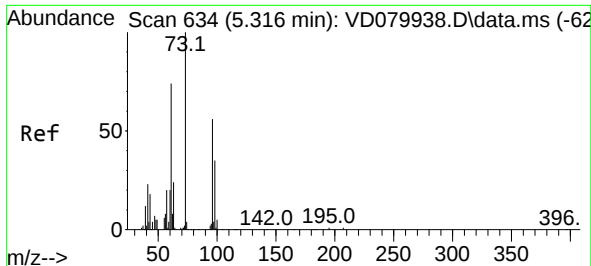
Tgt Ion: 76 Resp: 42958
Ion Ratio Lower Upper
76 100
78 14.8 7.2 10.8#



#18
Methyl Acetate
Concen: 3.482 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 43 Resp: 3442
Ion Ratio Lower Upper
43 100
74 34.5 24.3 36.5

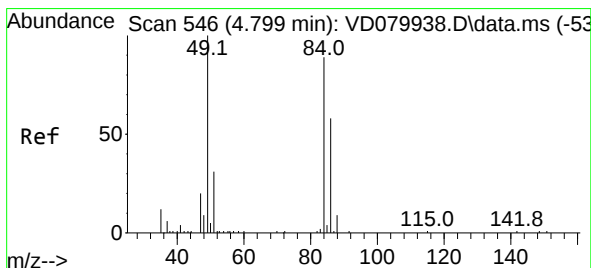
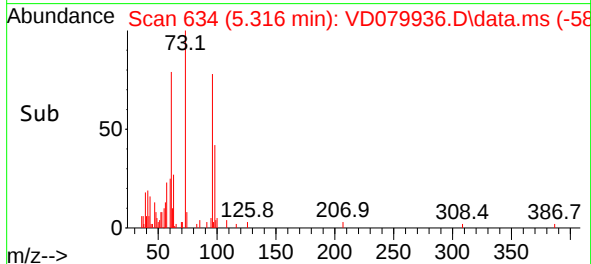
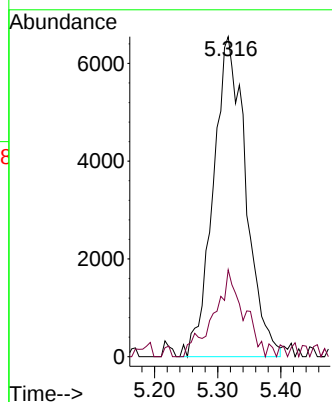
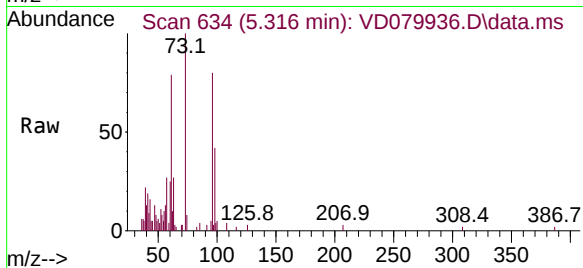




#19
Methyl tert-butyl Ether
Concen: 8.336 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

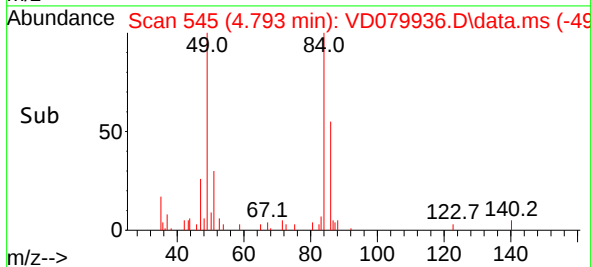
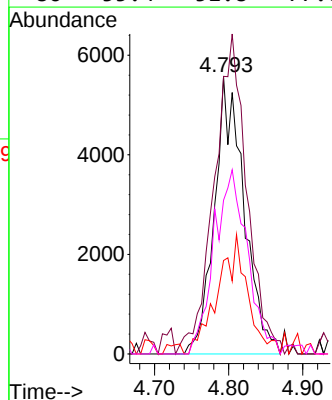
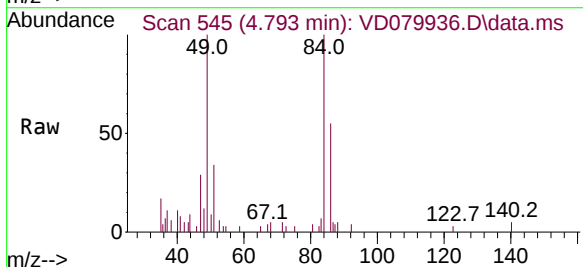
Instrument :
MSVOA_D
ClientSampleId :

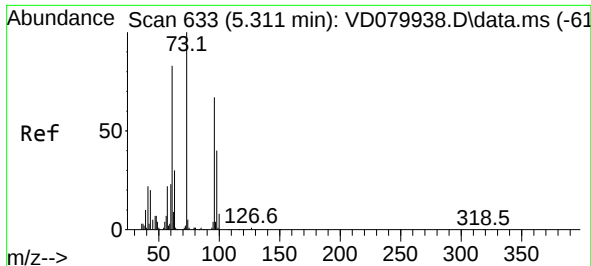
Tgt Ion: 73 Resp: 23564
Ion Ratio Lower Upper
73 100
57 27.2 16.2 24.4#



#20
Methylene Chloride
Concen: 8.429 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 84 Resp: 15437
Ion Ratio Lower Upper
84 100
49 96.7 89.0 133.4
51 33.7 28.2 42.2
86 55.4 51.8 77.6

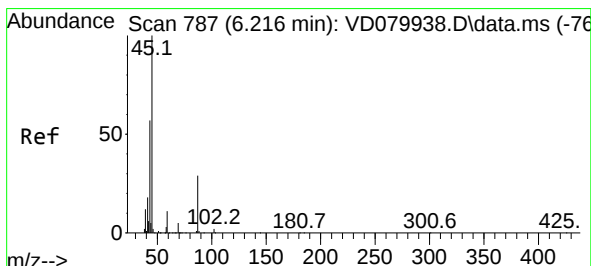
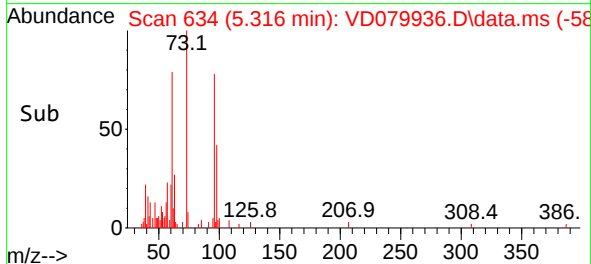
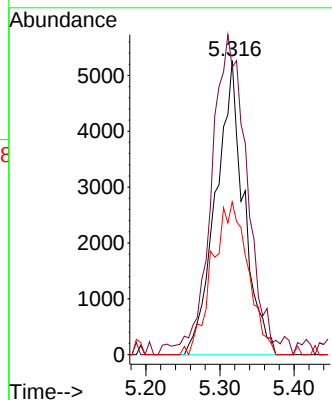
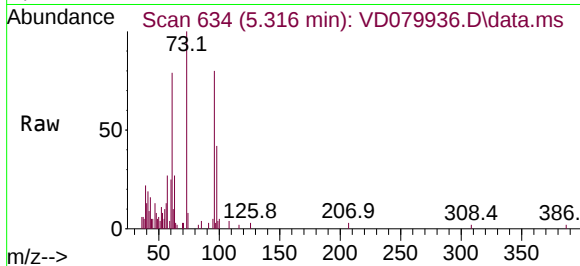




#21
trans-1,2-Dichloroethene
Concen: 8.868 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

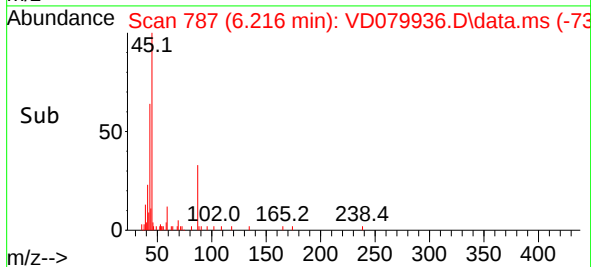
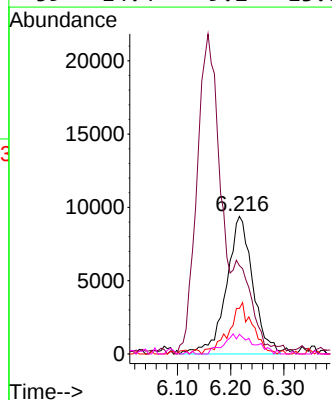
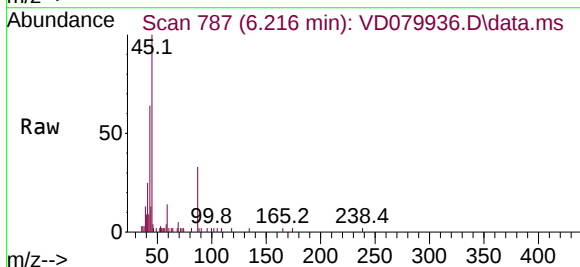
Instrument :
MSVOA_D
ClientSampleId :

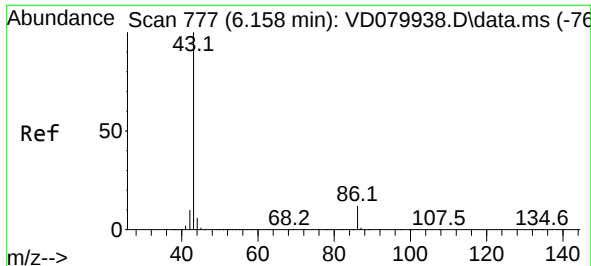
Tgt Ion: 96 Resp: 13873
Ion Ratio Lower Upper
96 100
61 94.1 97.5 146.3#
98 52.0 47.8 71.8



#22
Diisopropyl ether
Concen: 8.558 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 45 Resp: 32285
Ion Ratio Lower Upper
45 100
43 58.6 45.5 68.3
87 31.1 23.4 35.0
59 14.4 9.2 13.8#

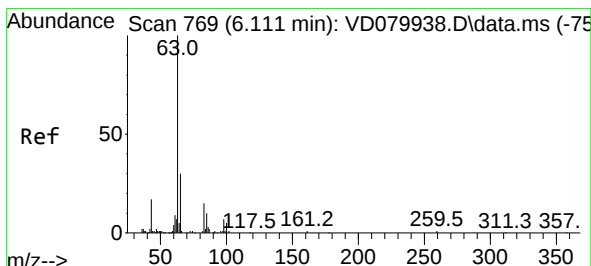
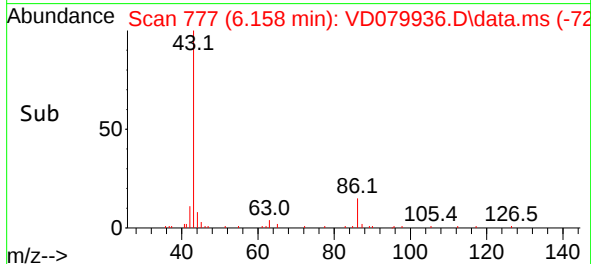
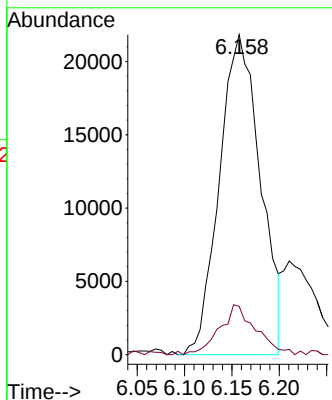
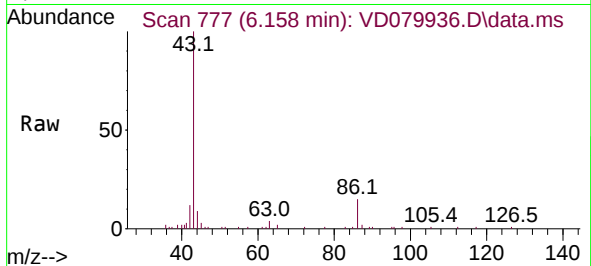




#23
 Vinyl Acetate
 Concen: 34.350 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD079936.D
 Acq: 30 Sep 2024 14:59

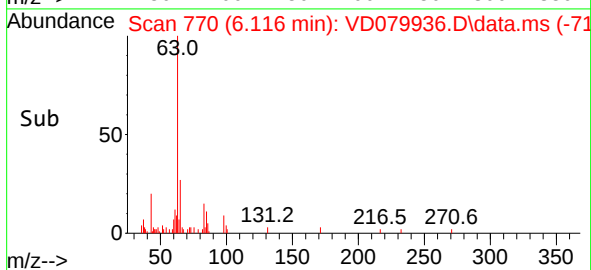
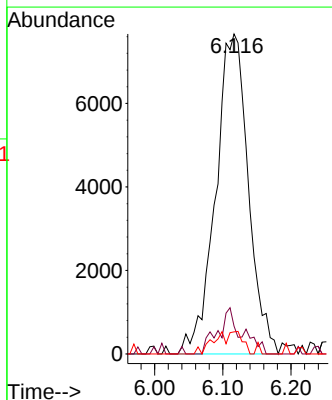
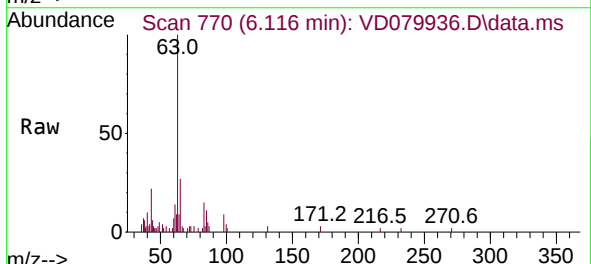
Instrument :
 MSVOA_D
 ClientSampleId :

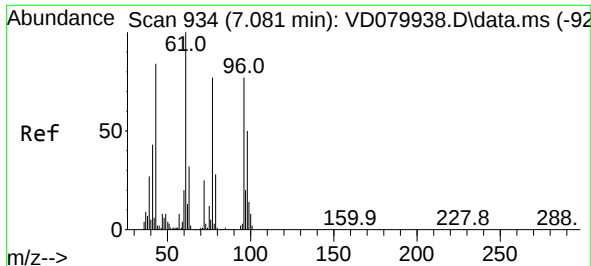
Tgt Ion: 43 Resp: 65828
 Ion Ratio Lower Upper
 43 100
 86 14.1 9.3 13.9#



#24
 1,1-Dichloroethane
 Concen: 9.836 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD079936.D
 Acq: 30 Sep 2024 14:59

Tgt Ion: 63 Resp: 25578
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.4 10.2
 100 6.9 2.4 7.1





#25

2-Butanone

Concen: 34.809 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

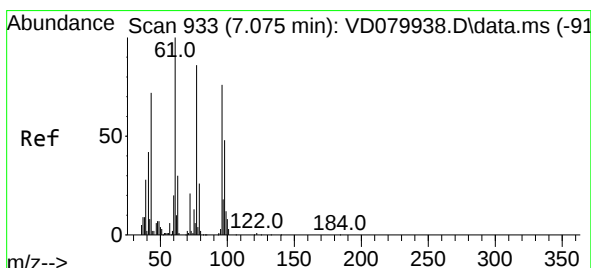
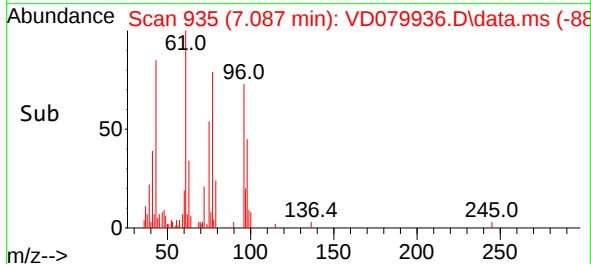
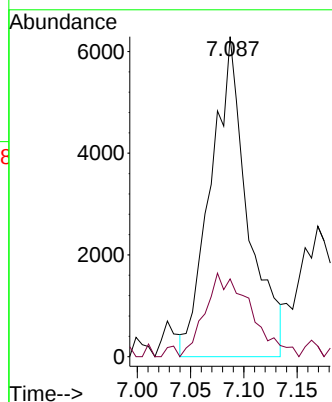
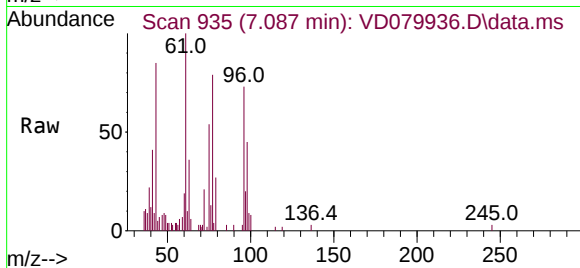
ClientSampleId :

Tgt Ion: 43 Resp: 15228

Ion Ratio Lower Upper

43 100

72 26.1 23.4 35.0



#26

2,2-Dichloropropane

Concen: 9.461 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD079936.D

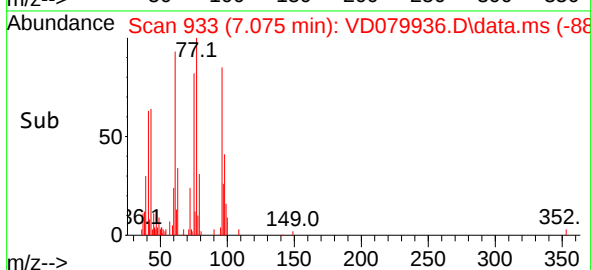
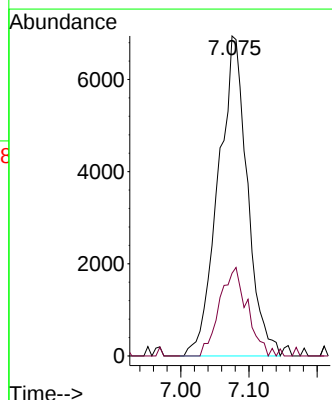
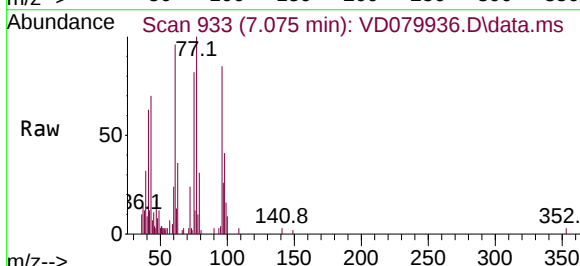
Acq: 30 Sep 2024 14:59

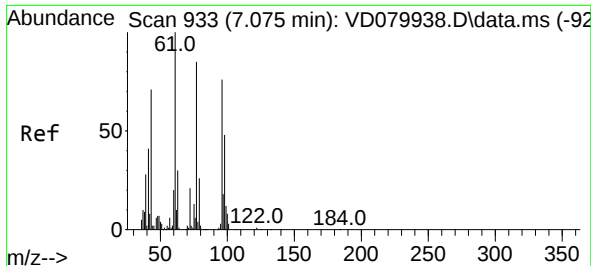
Tgt Ion: 77 Resp: 20633

Ion Ratio Lower Upper

77 100

97 26.7 11.8 35.4



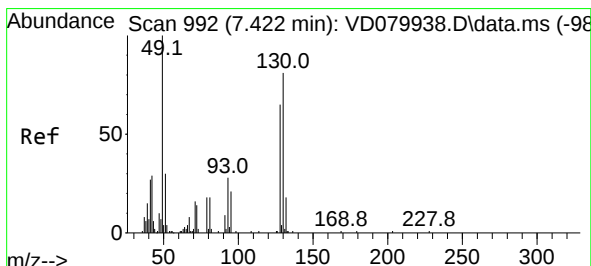
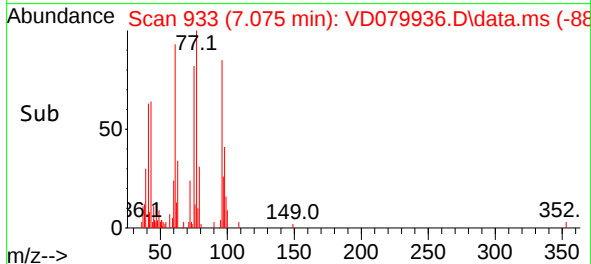
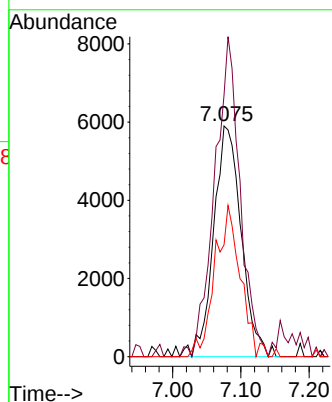
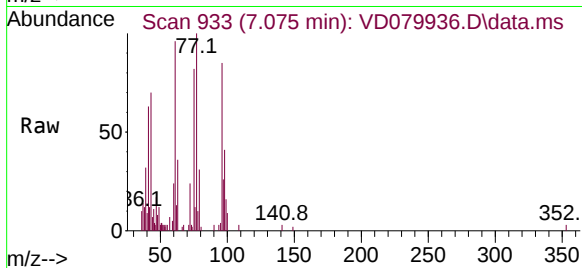


#27
 cis-1,2-Dichloroethene
 Concen: 9.860 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD079936.D
 Acq: 30 Sep 2024 14:59

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 16681

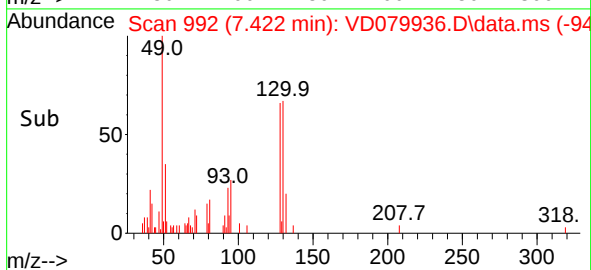
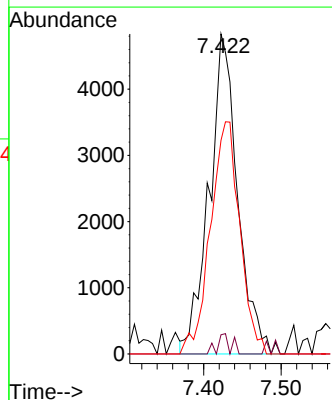
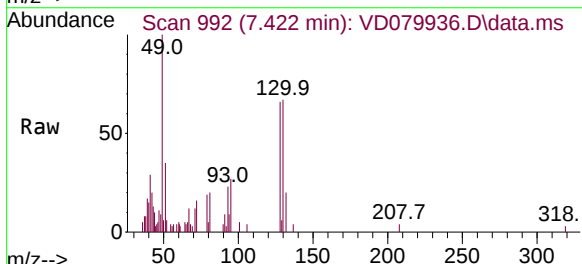
Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	262.6
98	60.5	0.0	126.6

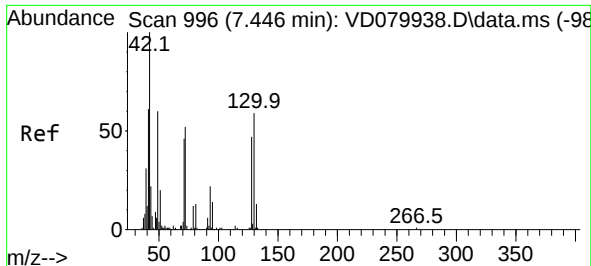


#28
 Bromochloromethane
 Concen: 11.842 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD079936.D
 Acq: 30 Sep 2024 14:59

Tgt Ion: 49 Resp: 12371

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	7.4
130	74.9	68.3	102.5





#29

Tetrahydrofuran

Concen: 44.544 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

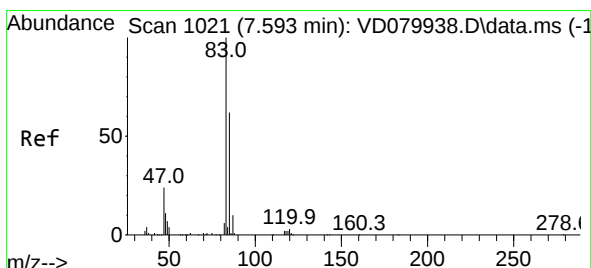
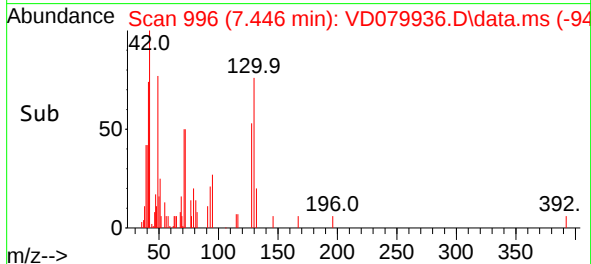
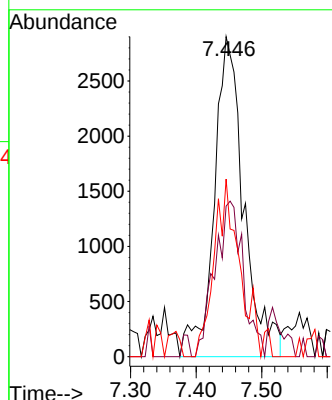
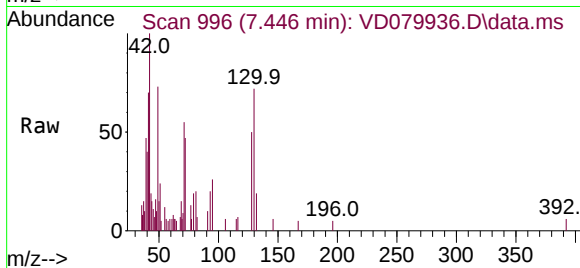
Tgt Ion: 42 Resp: 9092

Ion Ratio Lower Upper

42 100

72 46.5 41.4 62.2

71 47.1 39.3 58.9



#30

Chloroform

Concen: 10.207 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079936.D

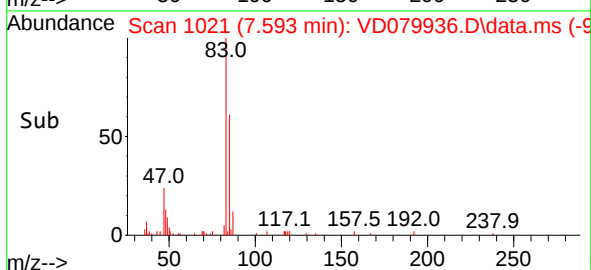
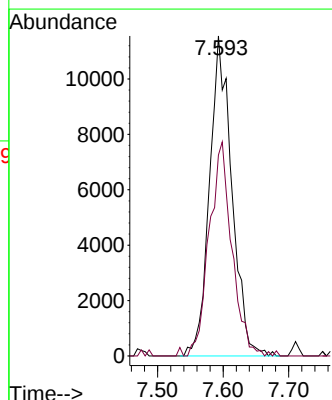
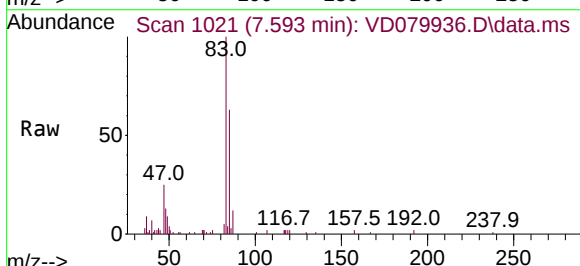
Acq: 30 Sep 2024 14:59

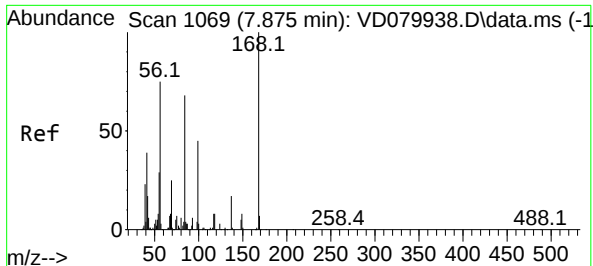
Tgt Ion: 83 Resp: 27234

Ion Ratio Lower Upper

83 100

85 62.8 49.8 74.8

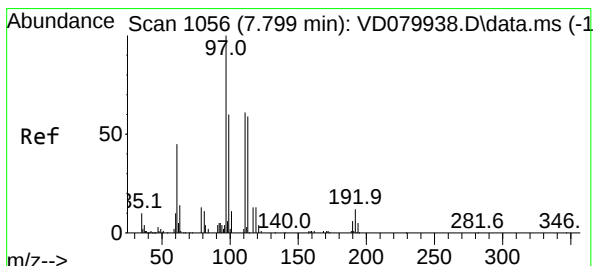
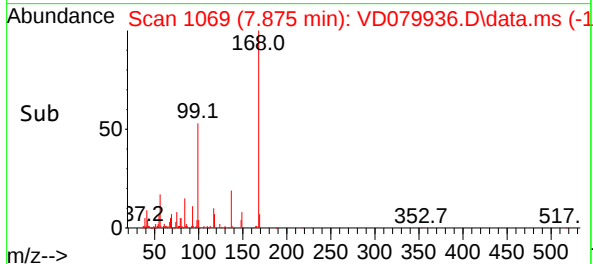
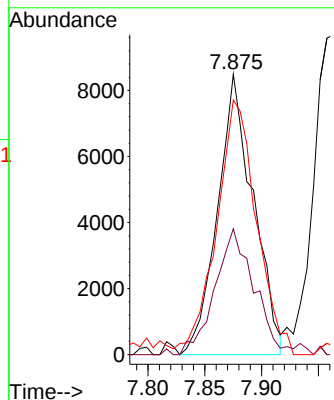
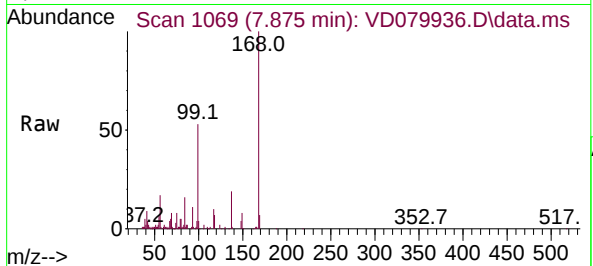




#31
Cyclohexane
Concen: 8.177 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

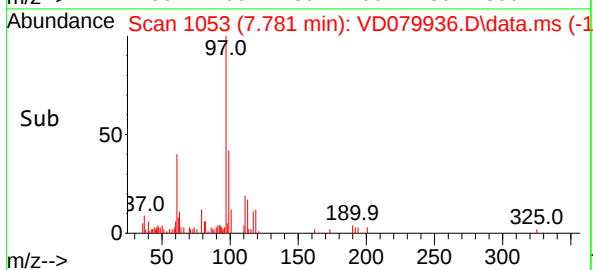
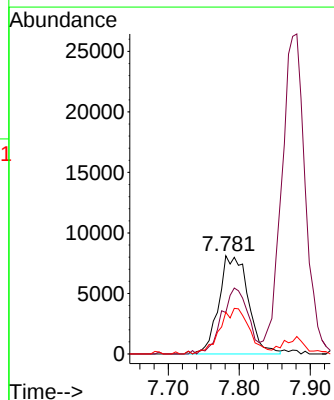
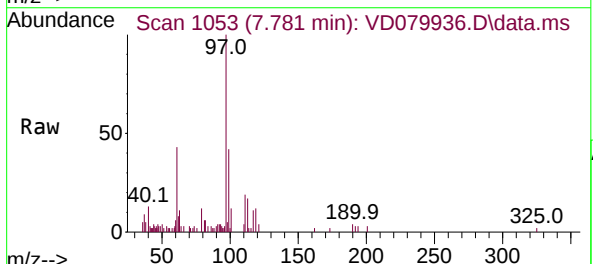
Instrument :
MSVOA_D
ClientSampleId :

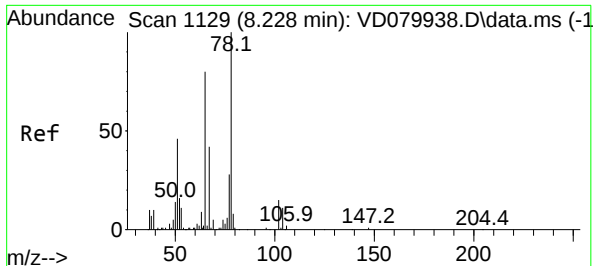
Tgt Ion: 56 Resp: 18557
Ion Ratio Lower Upper
56 100
69 44.9 27.0 40.6#
84 86.8 72.9 109.3



#32
1,1,1-Trichloroethane
Concen: 10.125 ug/l
RT: 7.781 min Scan# 1053
Delta R.T. -0.018 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 97 Resp: 23266
Ion Ratio Lower Upper
97 100
99 60.6 51.9 77.9
61 46.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 11.396 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

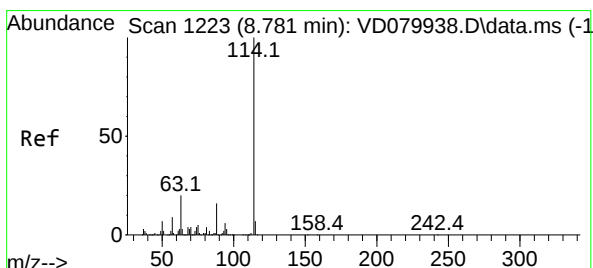
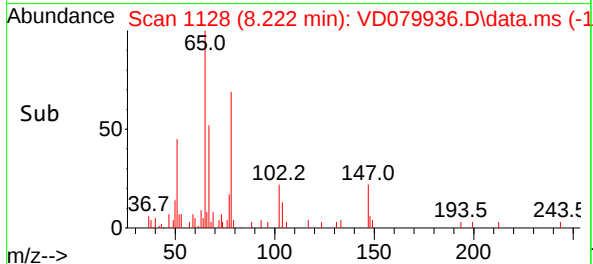
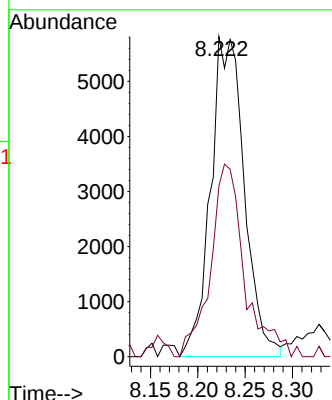
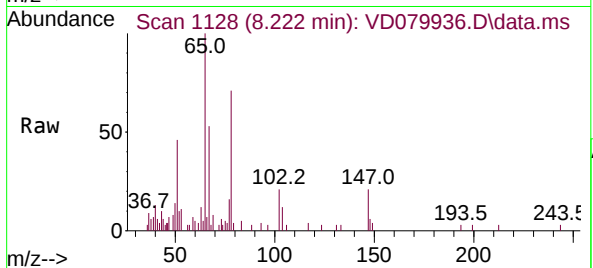
ClientSampleId :

Tgt Ion: 65 Resp: 14359

Ion Ratio Lower Upper

65 100

67 60.8 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

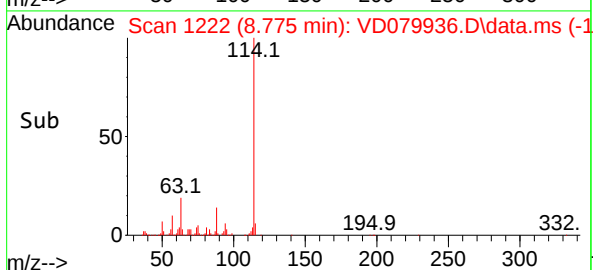
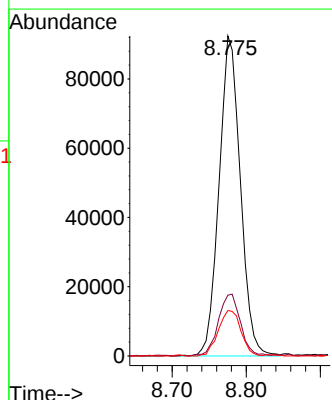
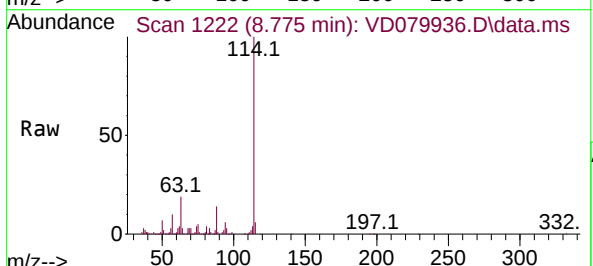
Tgt Ion: 114 Resp: 184495

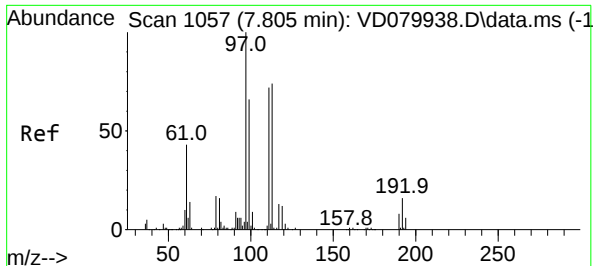
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.2

88 14.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 11.288 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

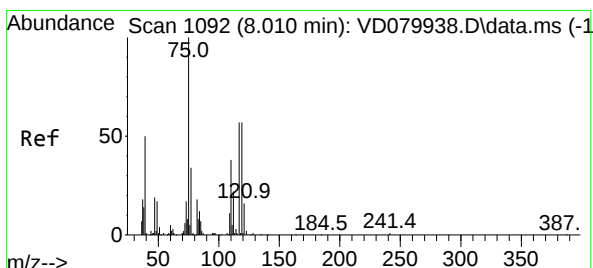
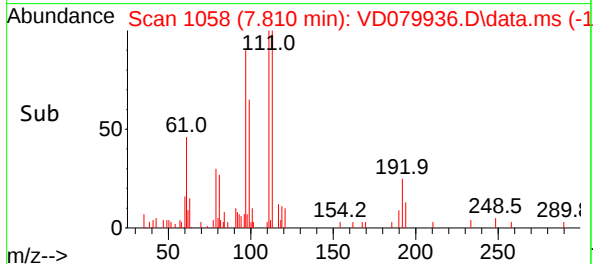
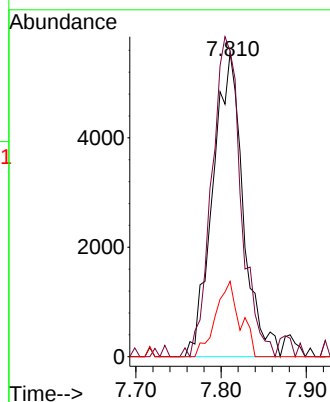
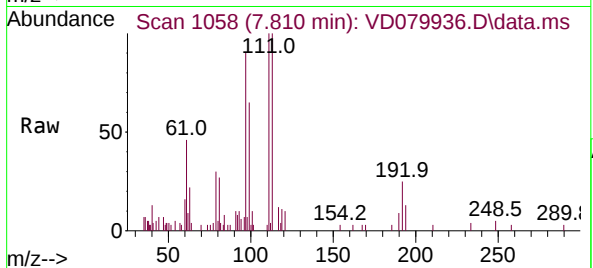
Tgt Ion:113 Resp: 13752

Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

192 20.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 9.465 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

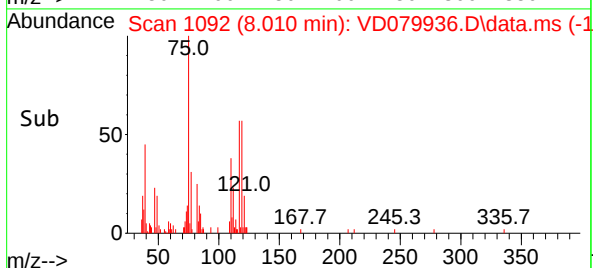
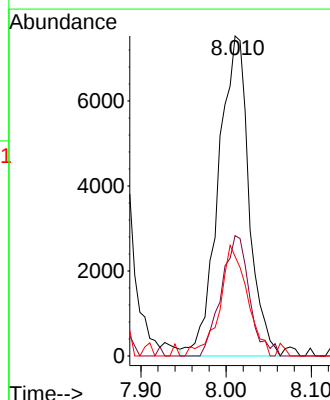
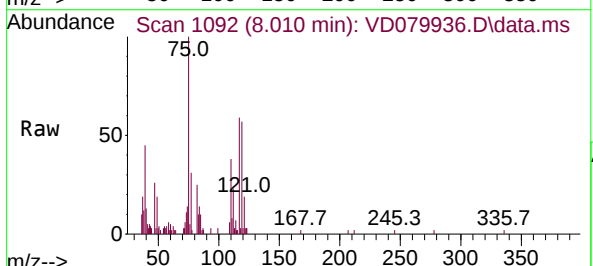
Tgt Ion: 75 Resp: 18687

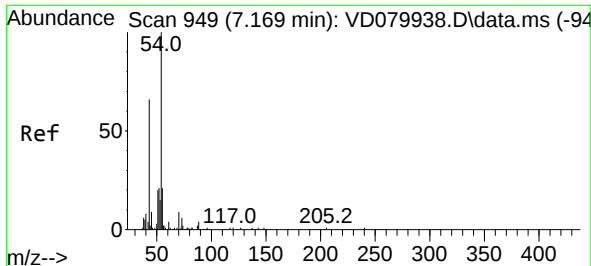
Ion Ratio Lower Upper

75 100

110 34.8 17.9 53.7

77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 6.965 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

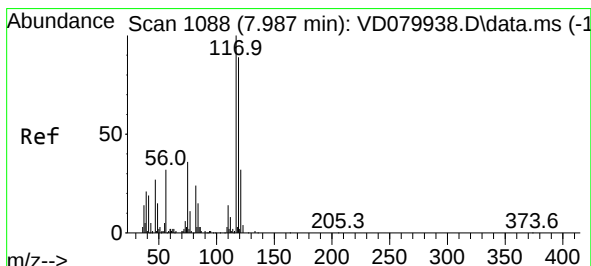
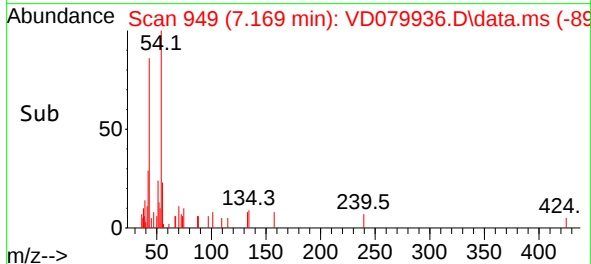
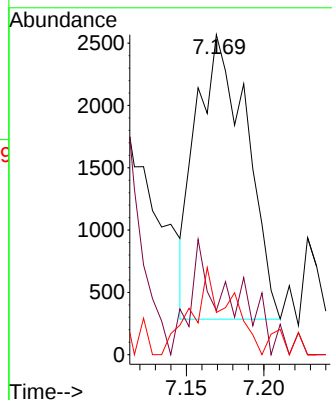
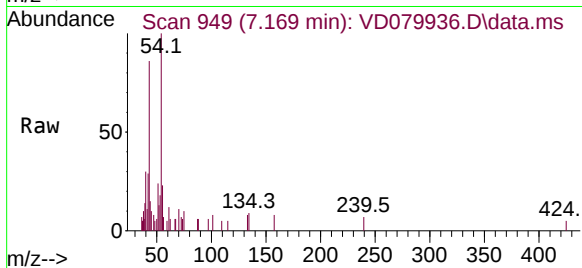
Tgt Ion: 43 Resp: 5175

Ion Ratio Lower Upper

43 100

61 16.2 15.8 23.8

70 23.0 10.4 15.6#



#38

Carbon Tetrachloride

Concen: 10.285 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

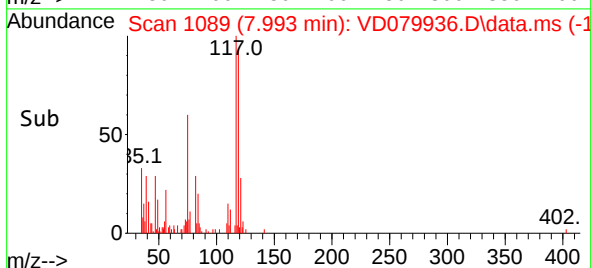
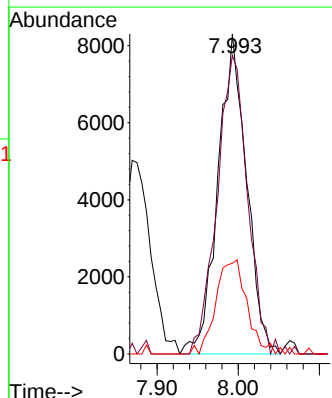
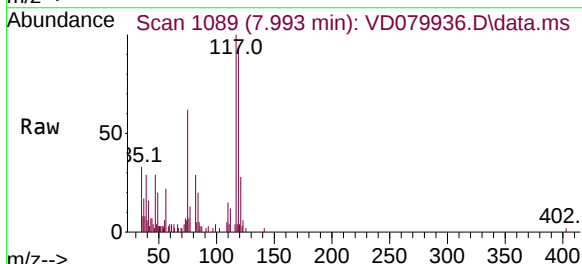
Tgt Ion: 117 Resp: 20340

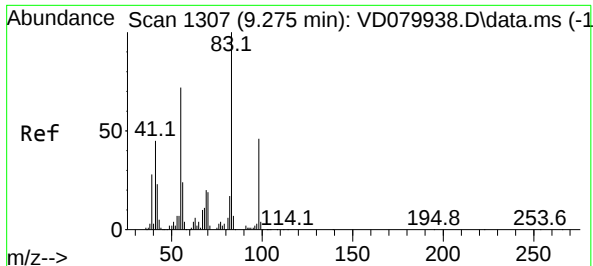
Ion Ratio Lower Upper

117 100

119 93.3 71.4 107.0

121 28.4 25.3 37.9





#39

Methylcyclohexane

Concen: 7.883 ug/l

RT: 9.275 min Scan# 1132

Delta R.T. 0.000 min

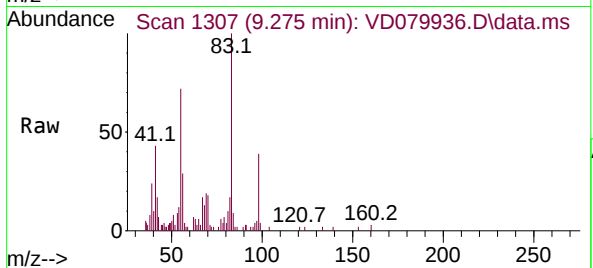
Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

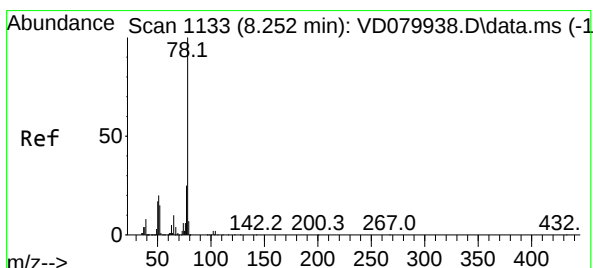
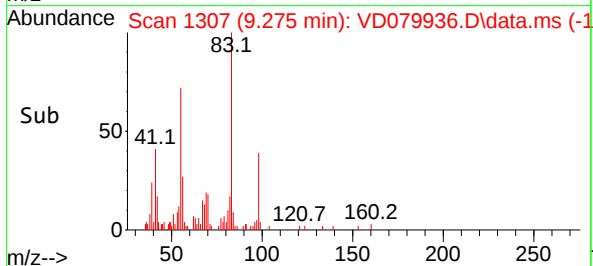
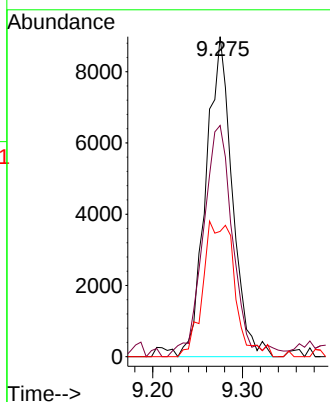
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 83	Resp: 18289
Ion Ratio	Lower Upper
83 100	
55 70.2	57.7 86.5
98 39.1	36.4 54.6



#40

Benzene

Concen: 9.521 ug/l

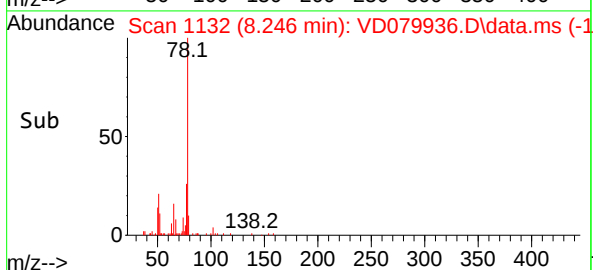
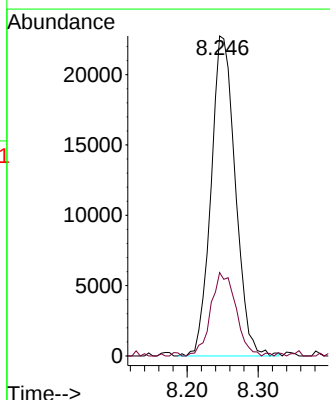
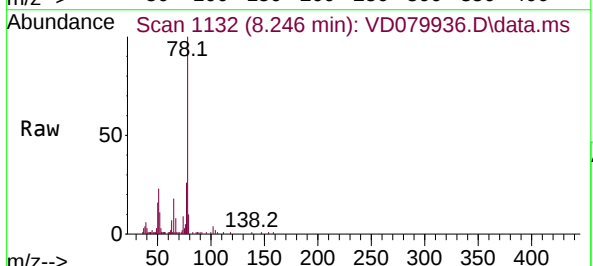
RT: 8.246 min Scan# 1132

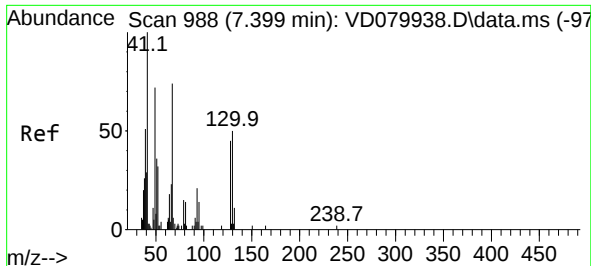
Delta R.T. -0.006 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Tgt Ion: 78	Resp: 53903
Ion Ratio	Lower Upper
78 100	
77 25.1	20.3 30.5

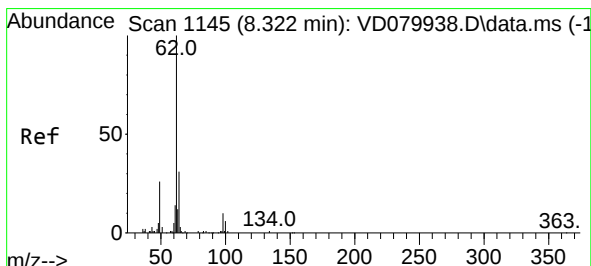
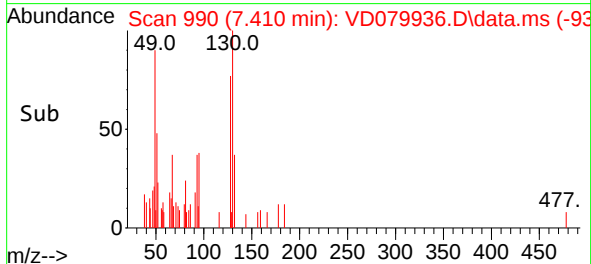
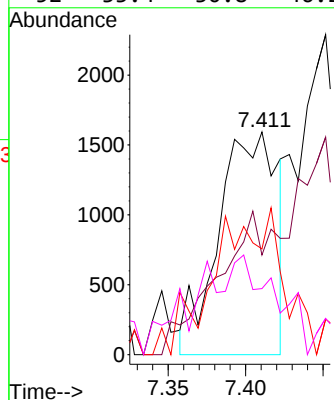
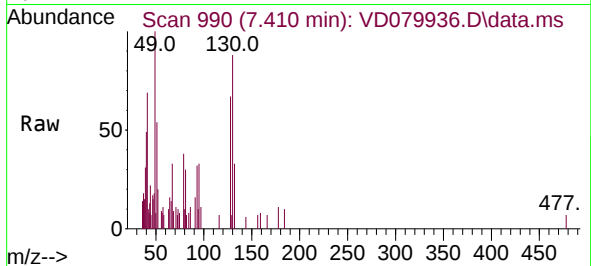




#41
Methacrylonitrile
Concen: 10.271 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

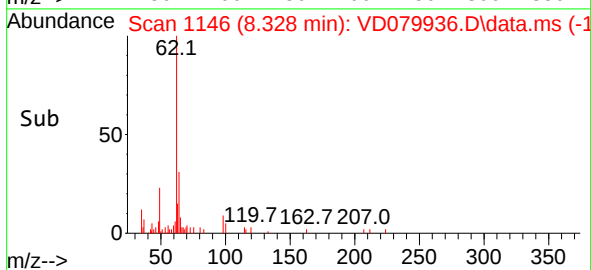
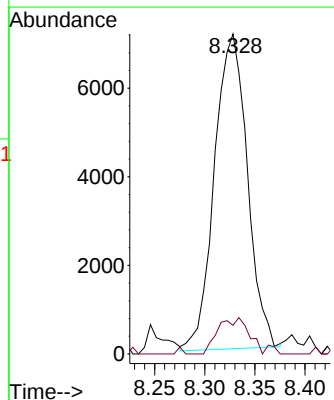
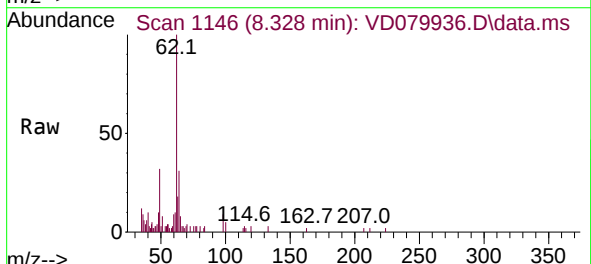
Instrument :
MSVOA_D
ClientSampleId :

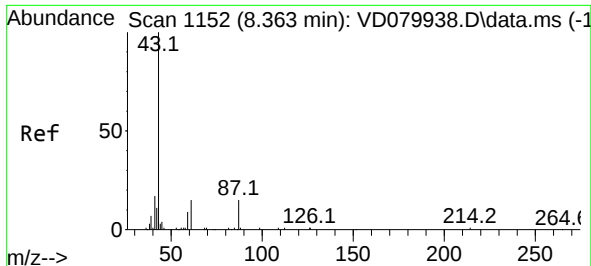
Tgt Ion:	41	Resp:	4185
Ion	Ratio	Lower	Upper
41	100		
39	50.5	48.0	72.0
67	76.0	67.9	101.9
52	33.4	30.8	46.2



#42
1,2-Dichloroethane
Concen: 10.951 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion:	62	Resp:	16243
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 9.345 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD079936.D

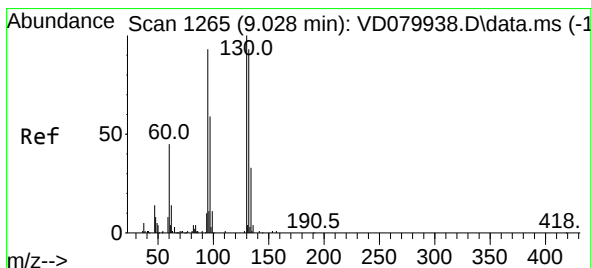
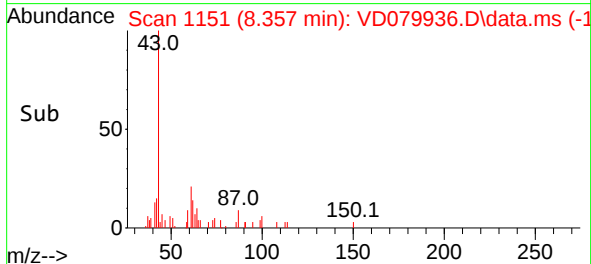
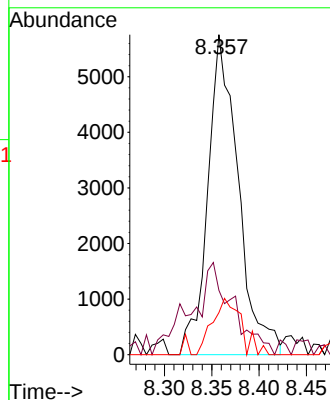
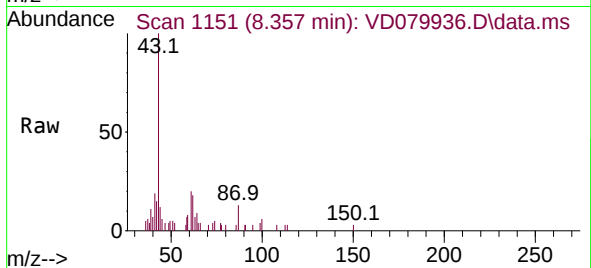
Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	12854
Ion	Ratio	Lower	Upper
43	100		
61	29.6	27.4	41.2
87	16.6	12.4	18.6



#44

Trichloroethene

Concen: 9.694 ug/l

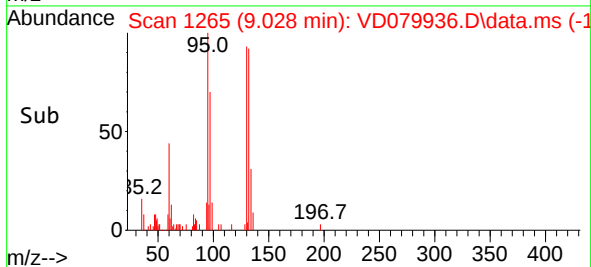
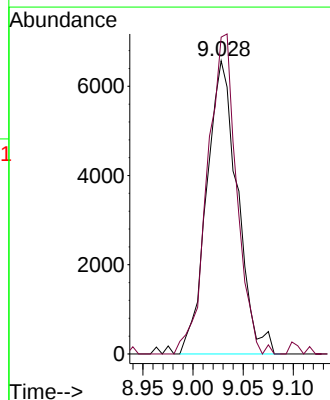
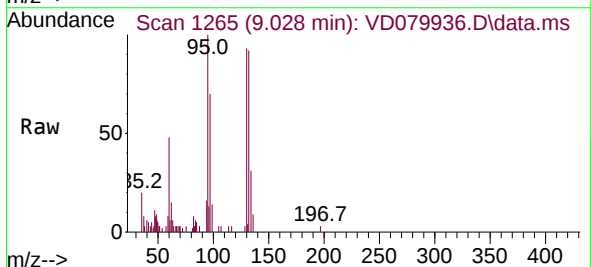
RT: 9.028 min Scan# 1265

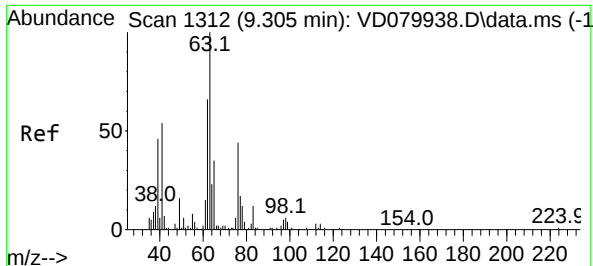
Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Tgt Ion:	130	Resp:	14054
Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	185.6





#45

1,2-Dichloropropane

Concen: 9.189 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

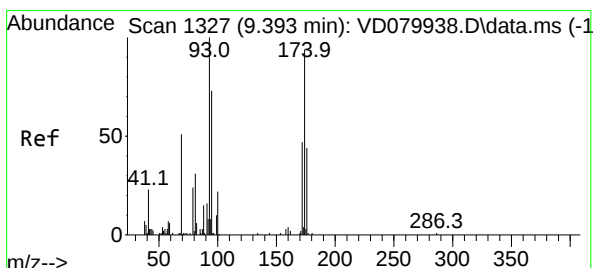
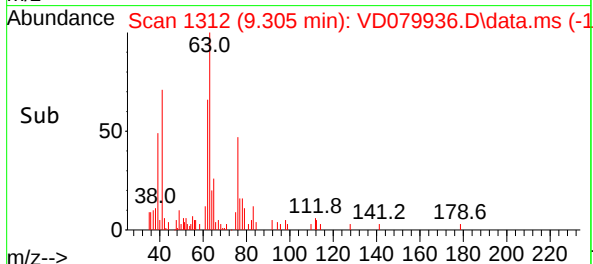
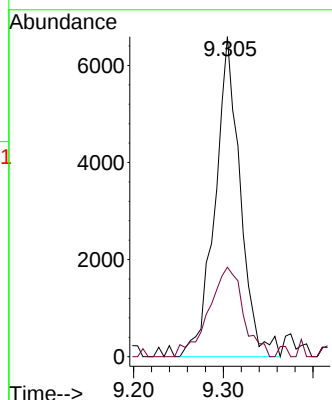
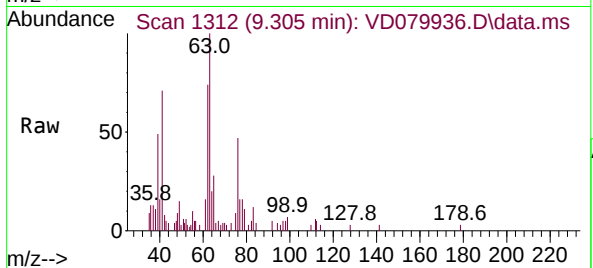
ClientSampleId :

Tgt Ion: 63 Resp: 12875

Ion Ratio Lower Upper

63 100

65 24.8 28.1 42.1#



#46

Dibromomethane

Concen: 10.543 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

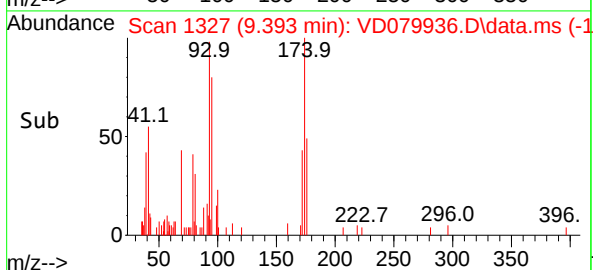
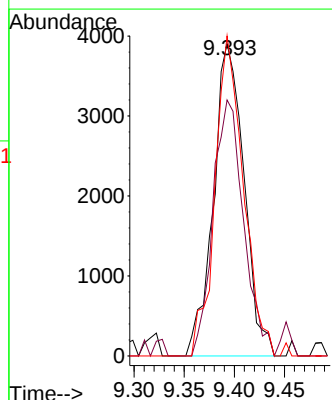
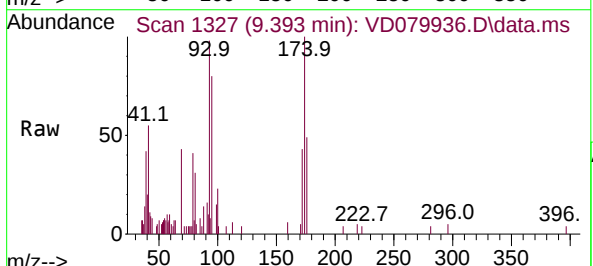
Tgt Ion: 93 Resp: 8291

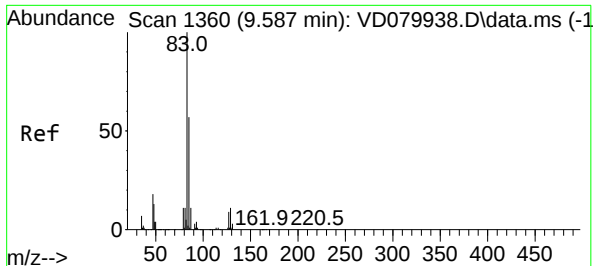
Ion Ratio Lower Upper

93 100

95 82.1 65.0 97.4

174 95.2 78.9 118.3

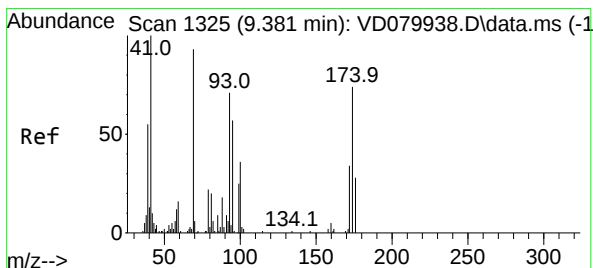
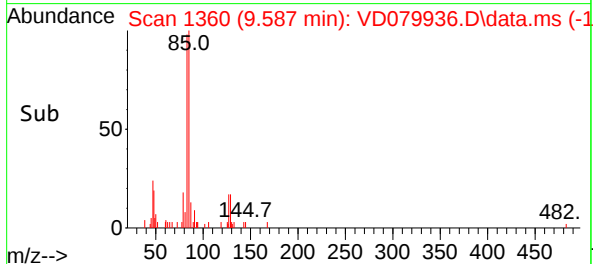
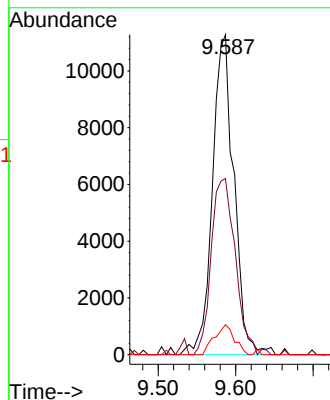
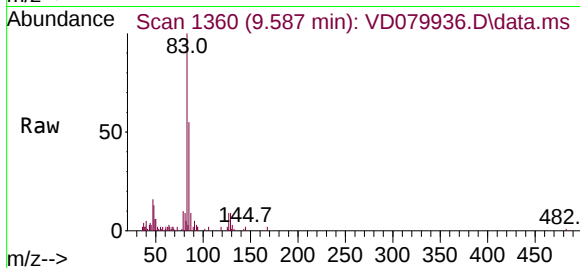




#47
Bromodichloromethane
Concen: 11.078 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

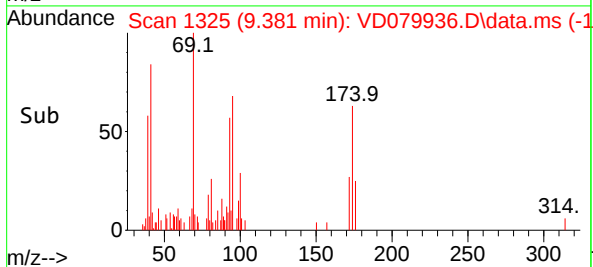
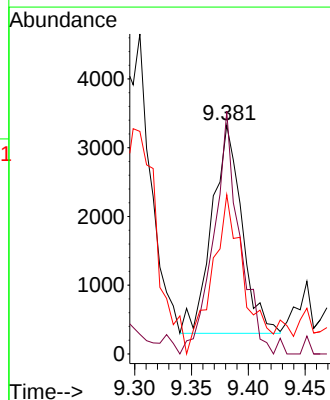
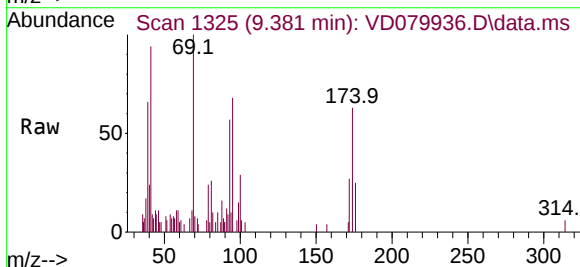
Instrument :
MSVOA_D
ClientSampleId :

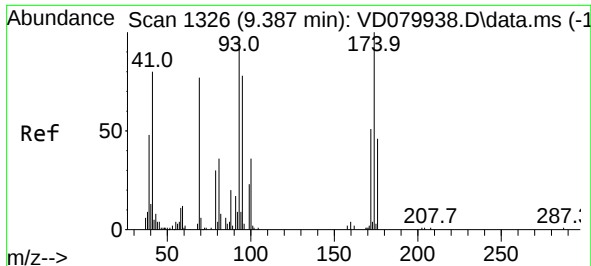
Tgt Ion: 83 Resp: 21717
Ion Ratio Lower Upper
83 100
85 55.1 45.8 68.6
127 9.3 6.8 10.2



#48
Methyl methacrylate
Concen: 7.224 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 41 Resp: 5550
Ion Ratio Lower Upper
41 100
69 100.4 78.7 118.1
39 81.4 47.3 70.9

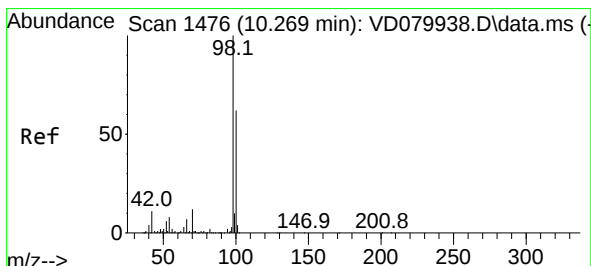
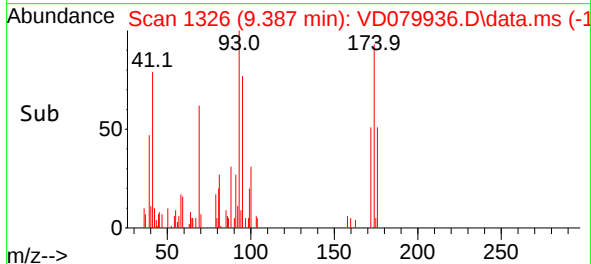
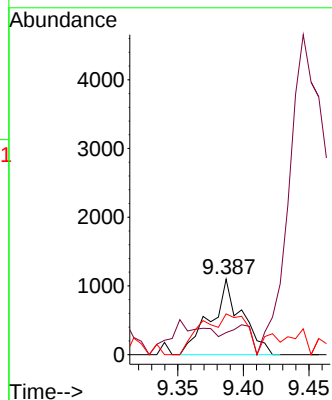
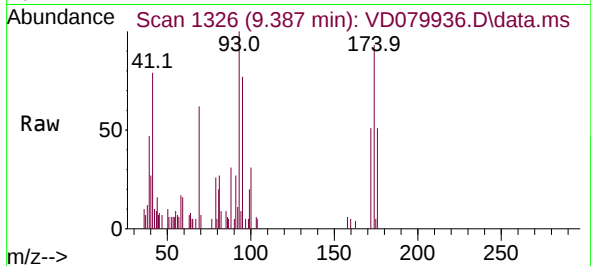




#49
1,4-Dioxane
Concen: 241.971 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

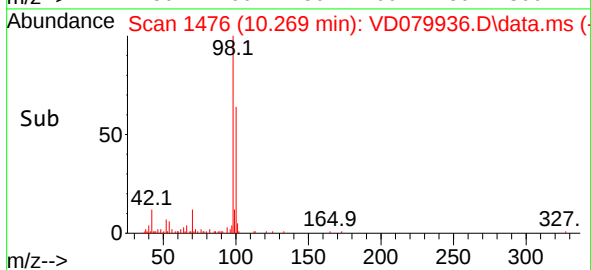
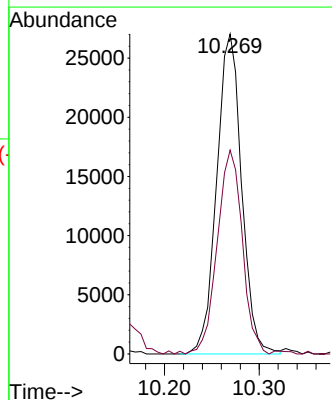
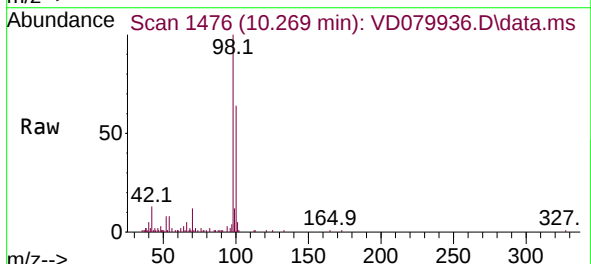
Instrument :
MSVOA_D
ClientSampleId :

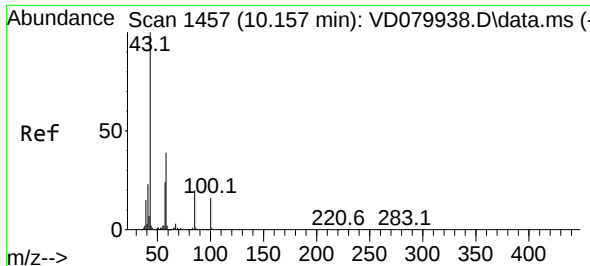
Tgt Ion: 88 Resp: 1826
Ion Ratio Lower Upper
88 100
43 23.4 23.1 34.7
58 76.7 60.7 91.1



#50
Toluene-d8
Concen: 10.305 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 98 Resp: 49479
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7

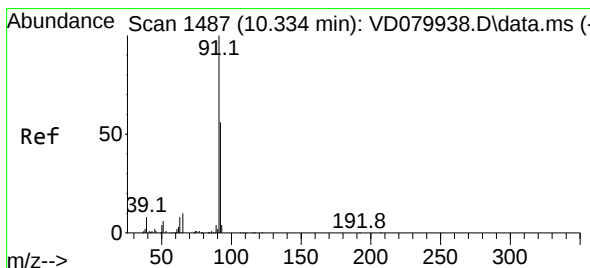
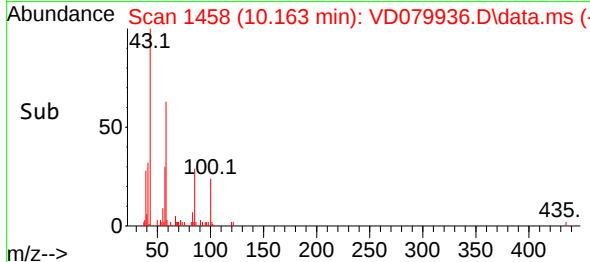
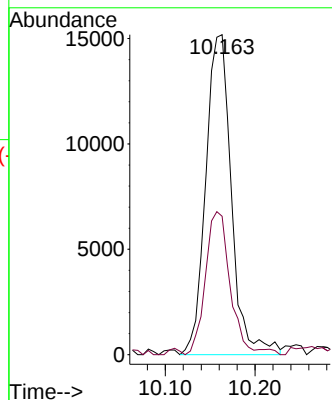
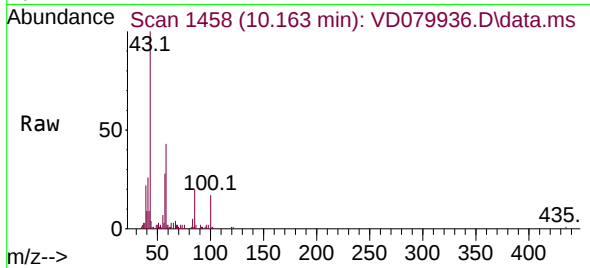




#51
4-Methyl-2-Pentanone
Concen: 41.710 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

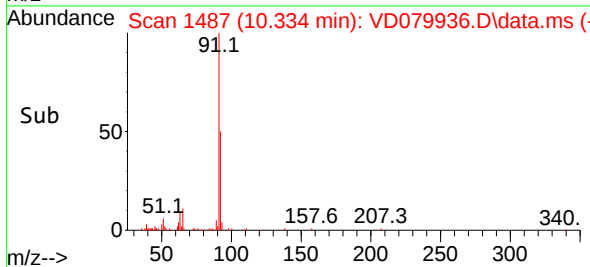
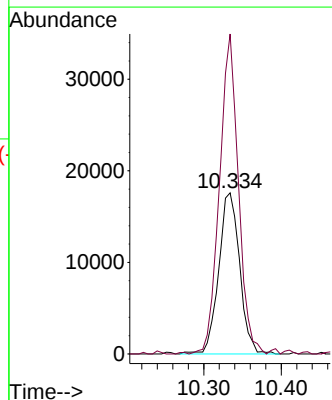
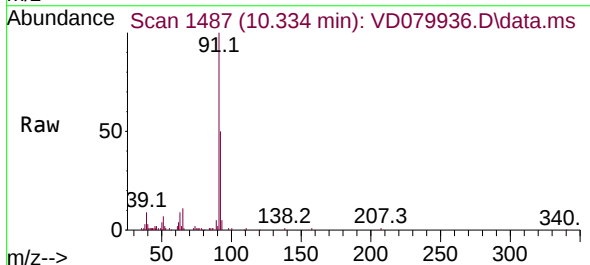
Instrument :
MSVOA_D
ClientSampleId :

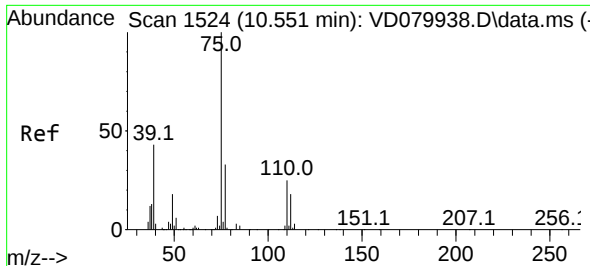
Tgt Ion: 43 Resp: 30163
Ion Ratio Lower Upper
43 100
58 42.8 32.3 48.5



#52
Toluene
Concen: 9.207 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 92 Resp: 33074
Ion Ratio Lower Upper
92 100
91 179.1 145.4 218.0

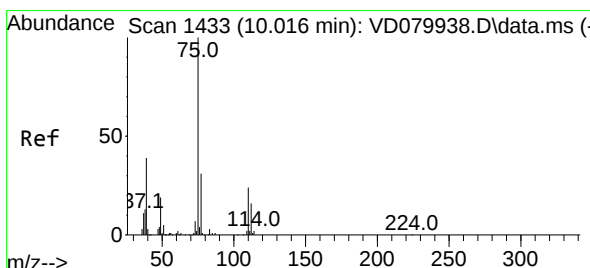
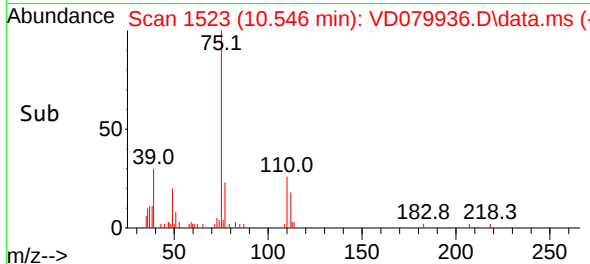
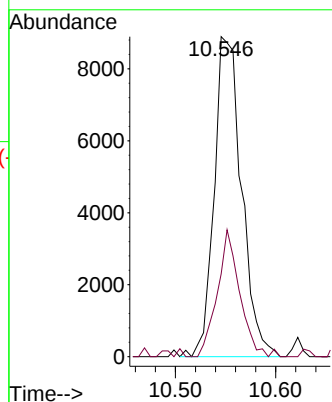
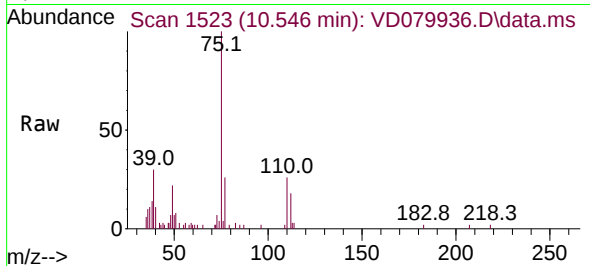




#53
 t-1,3-Dichloropropene
 Concen: 9.402 ug/l
 RT: 10.546 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD079936.D
 Acq: 30 Sep 2024 14:59

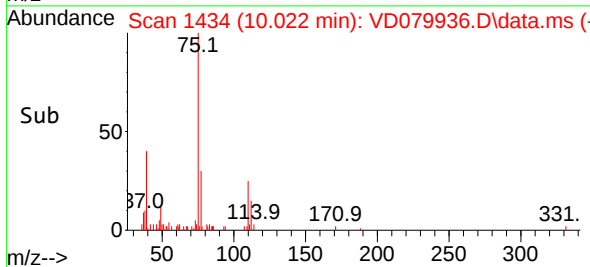
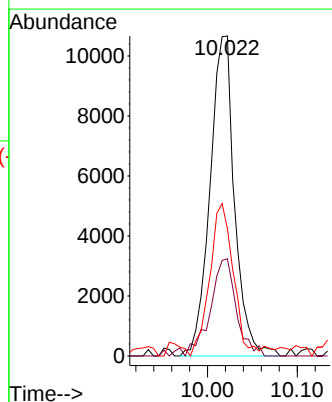
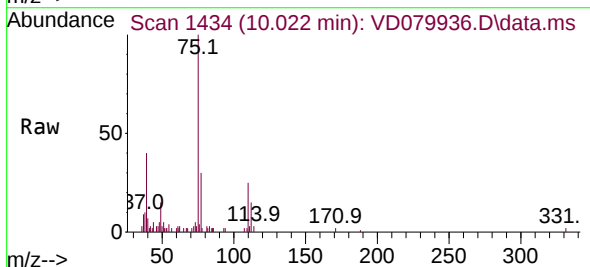
Instrument :
 MSVOA_D
 ClientSampleId :

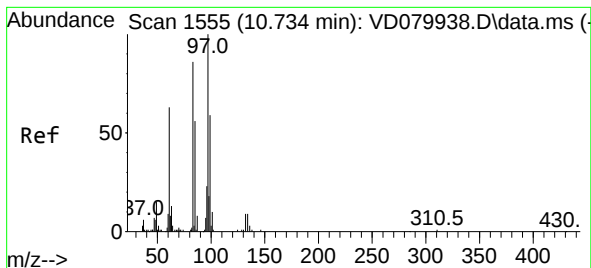
Tgt Ion: 75 Resp: 16864
 Ion Ratio Lower Upper
 75 100
 77 25.8 26.2 39.2#



#54
 cis-1,3-Dichloropropene
 Concen: 9.541 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD079936.D
 Acq: 30 Sep 2024 14:59

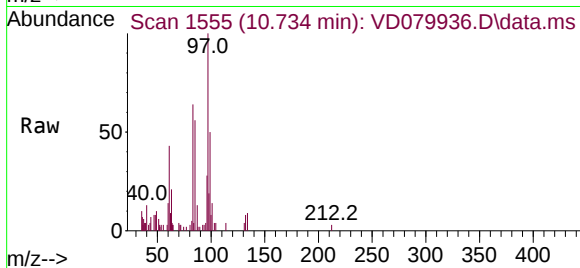
Tgt Ion: 75 Resp: 20357
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.7 37.1
 39 37.2 31.3 46.9



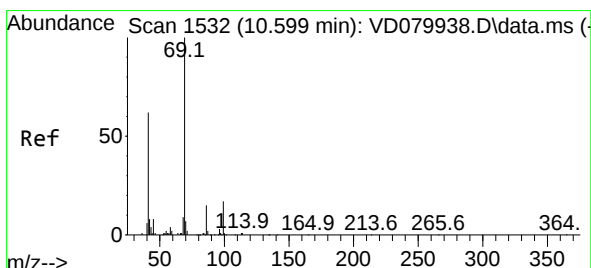
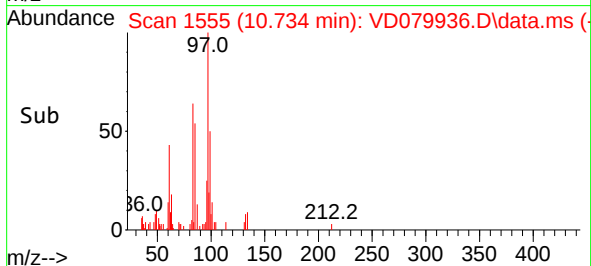
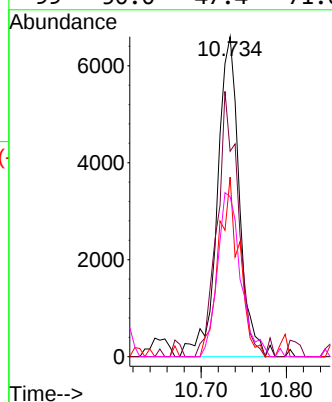


#55
1,1,2-Trichloroethane
Concen: 11.475 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :

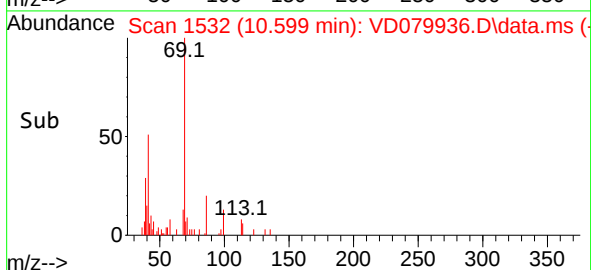
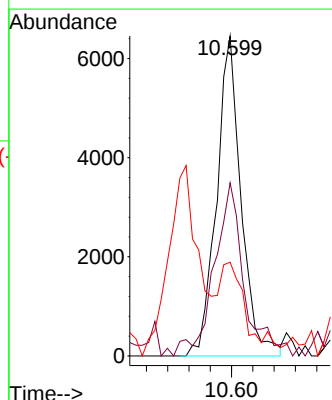
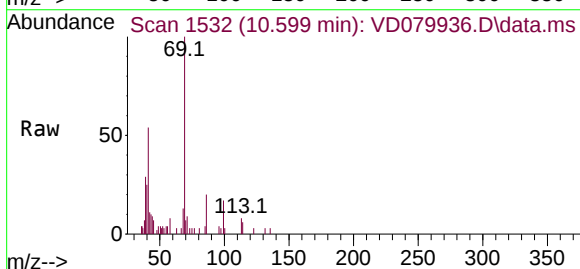


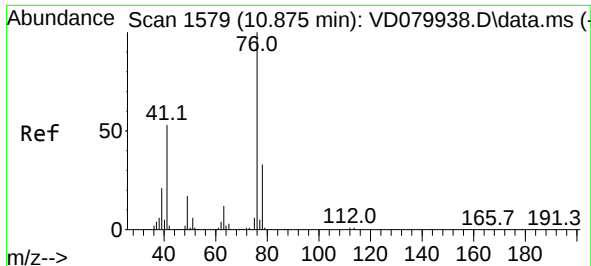
Tgt Ion: 97	Resp: 11830
Ion Ratio	Lower Upper
97 100	
83 64.2	68.6 102.8#
85 56.1	45.0 67.4
99 50.0	47.4 71.0



#56
Ethyl methacrylate
Concen: 11.110 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 69	Resp: 10287
Ion Ratio	Lower Upper
69 100	
41 66.0	47.0 70.4
39 33.9	28.6 42.8





#57

1,3-Dichloropropane

Concen: 9.679 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

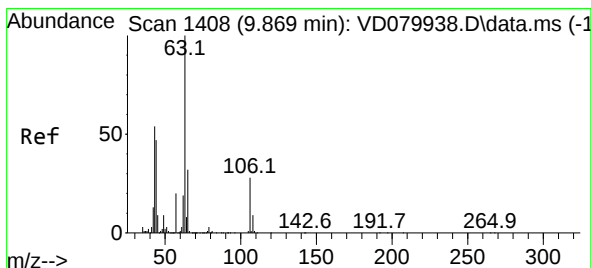
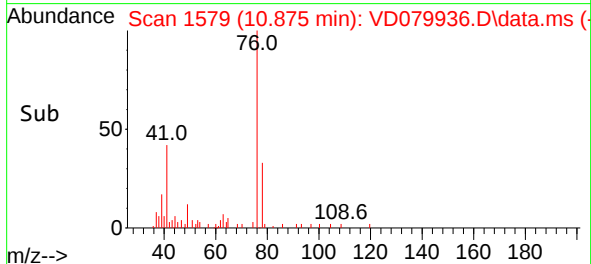
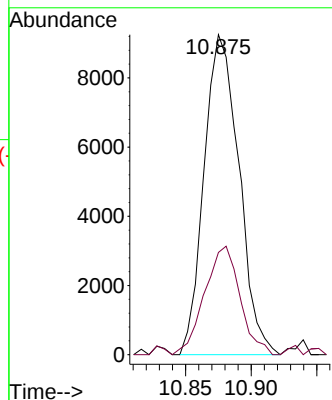
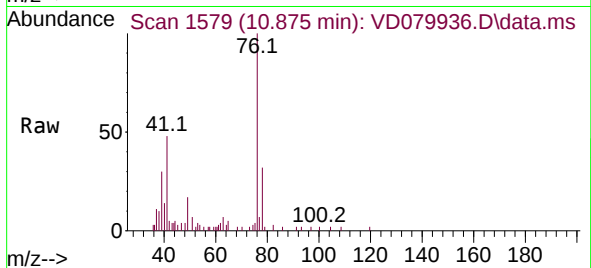
ClientSampleId :

Tgt Ion: 76 Resp: 17128

Ion Ratio Lower Upper

76 100

78 34.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 44.068 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079936.D

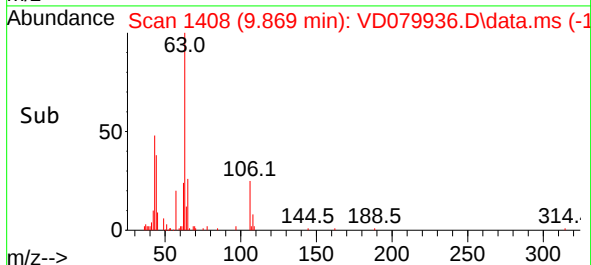
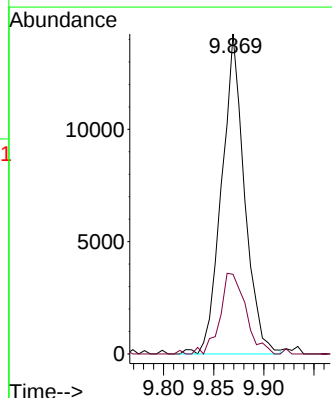
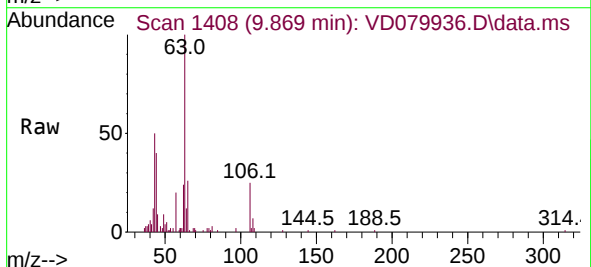
Acq: 30 Sep 2024 14:59

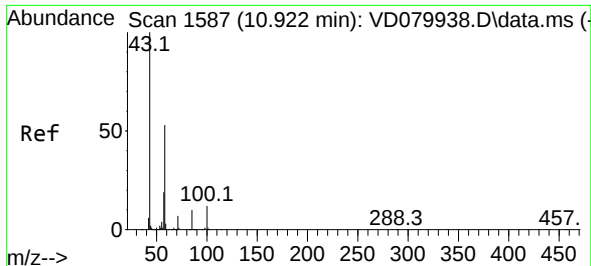
Tgt Ion: 63 Resp: 22622

Ion Ratio Lower Upper

63 100

106 28.2 22.6 34.0

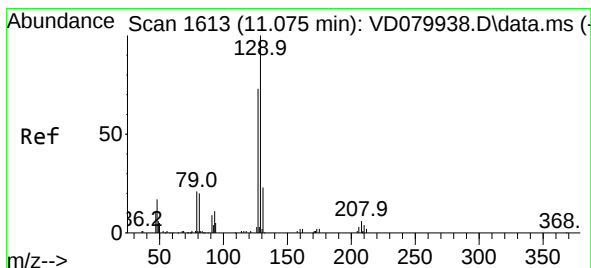
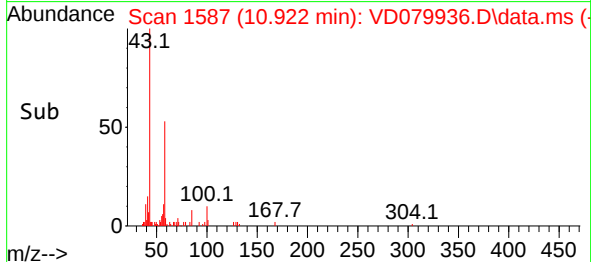
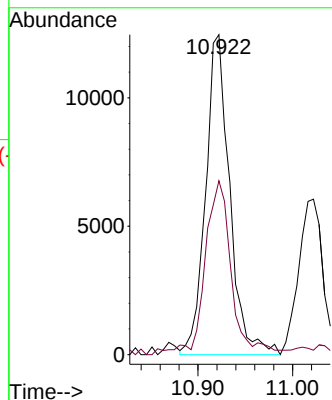
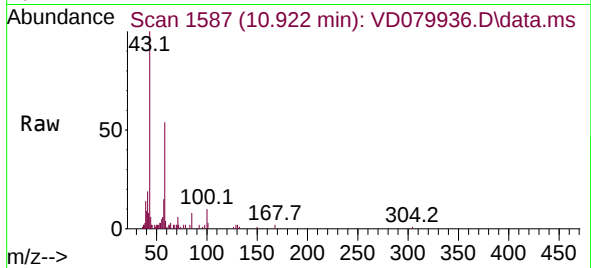




#59
2-Hexanone
Concen: 37.698 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

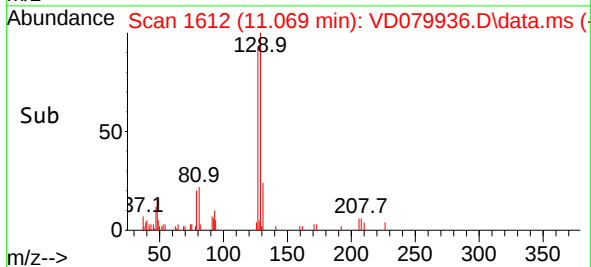
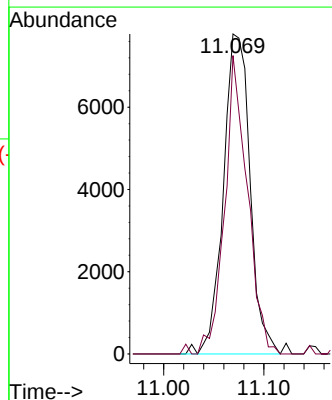
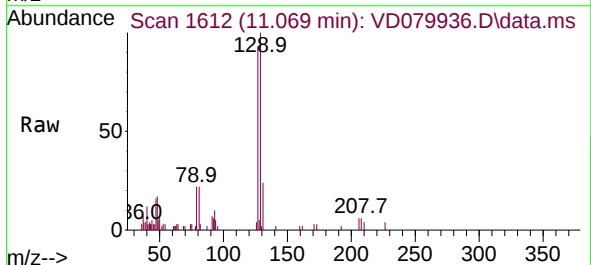
Instrument :
MSVOA_D
ClientSampleId :

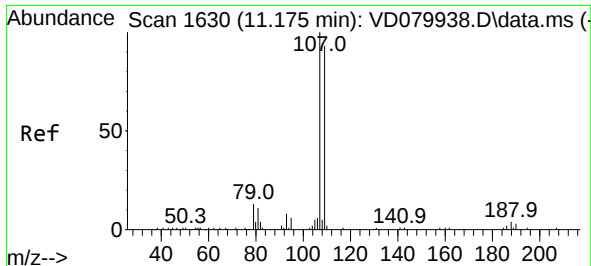
Tgt Ion: 43 Resp: 21997
Ion Ratio Lower Upper
43 100
58 59.6 27.7 83.1



#60
Dibromochloromethane
Concen: 11.495 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 129 Resp: 14365
Ion Ratio Lower Upper
129 100
127 79.5 38.6 115.7

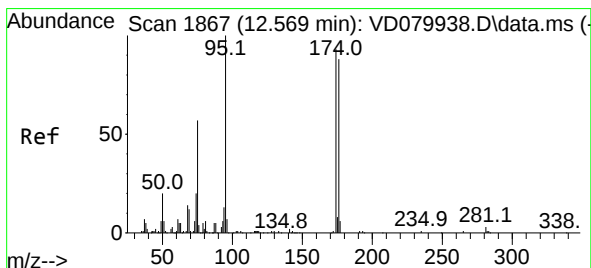
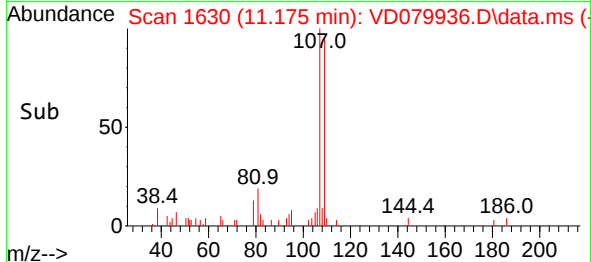
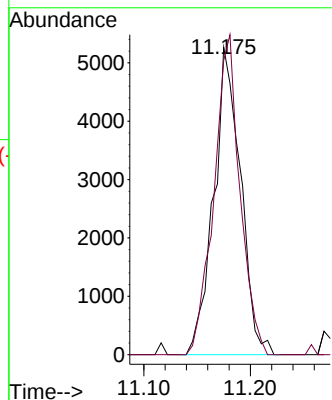
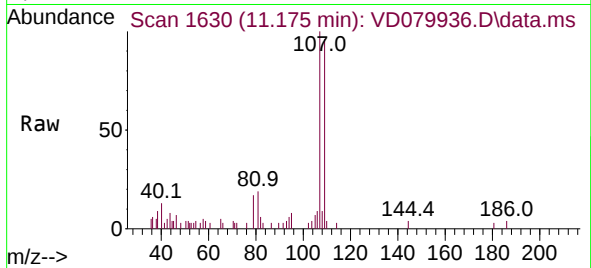




#61
1,2-Dibromoethane
Concen: 9.670 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

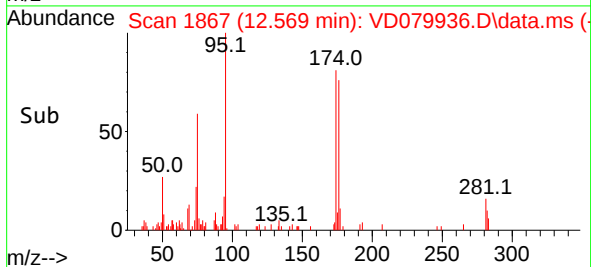
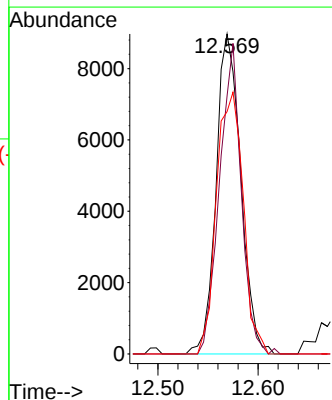
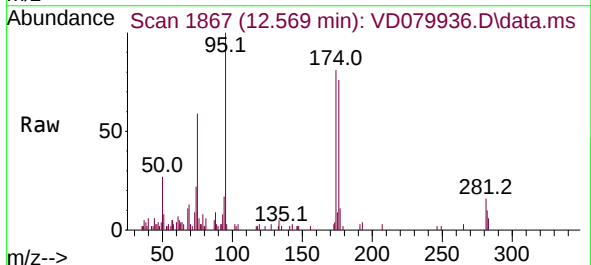
Instrument :
MSVOA_D
ClientSampleId :

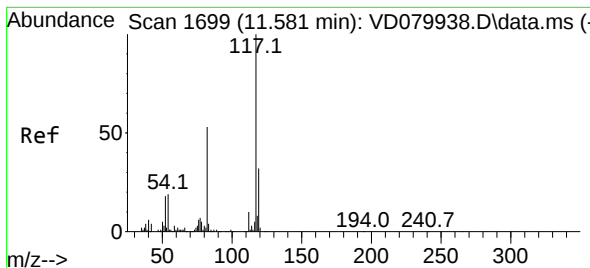
Tgt Ion:107 Resp: 9238
Ion Ratio Lower Upper
107 100
109 100.8 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 10.922 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 95 Resp: 15342
Ion Ratio Lower Upper
95 100
174 85.3 0.0 182.0
176 88.4 0.0 174.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

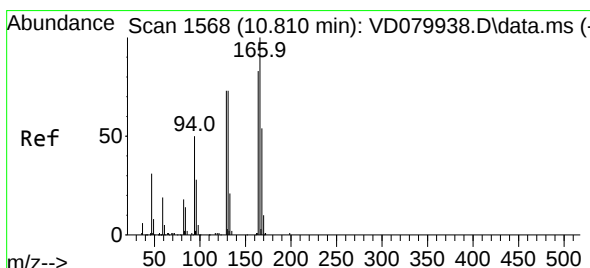
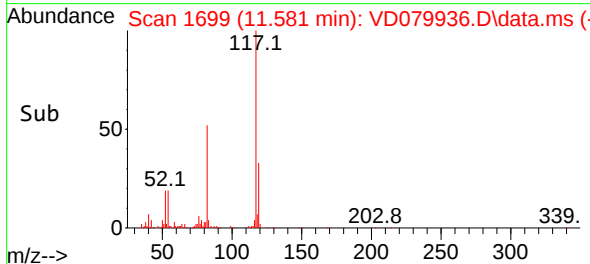
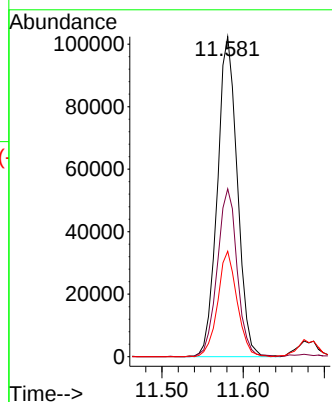
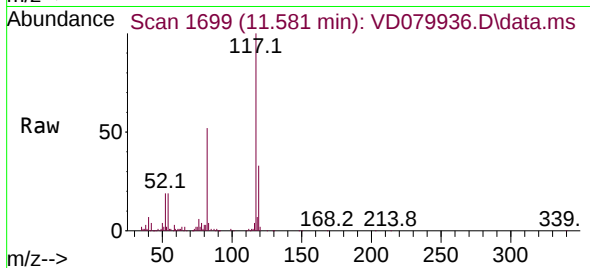
Tgt Ion:117 Resp: 174741

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

119 32.9 25.8 38.6



#64

Tetrachloroethene

Concen: 10.986 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Tgt Ion:164 Resp: 12766

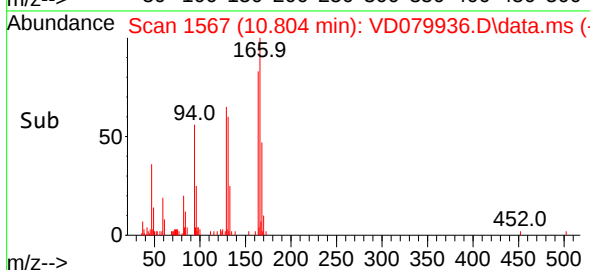
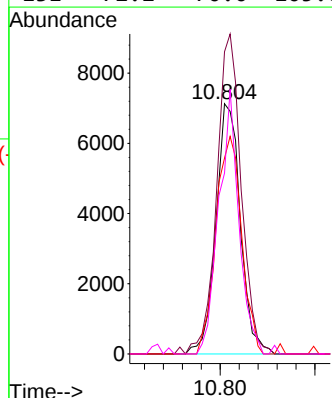
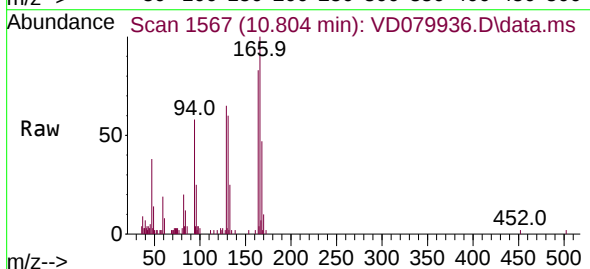
Ion Ratio Lower Upper

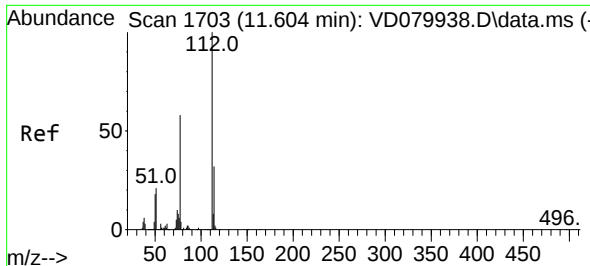
164 100

166 120.8 96.5 144.7

129 78.3 70.9 106.3

131 72.2 70.0 105.0

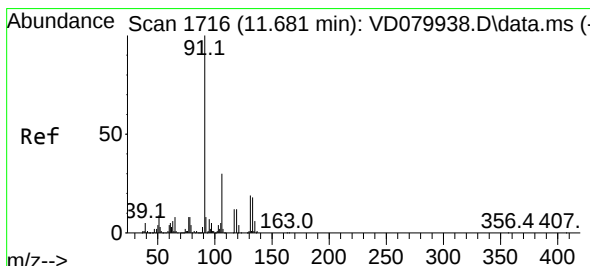
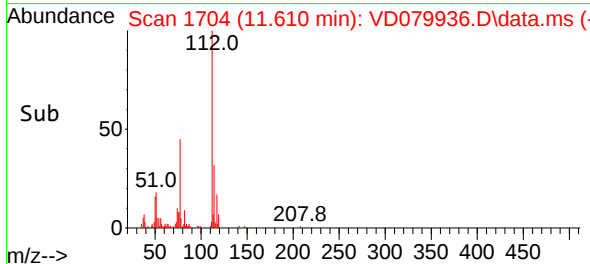
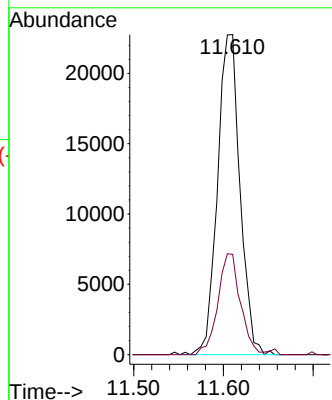
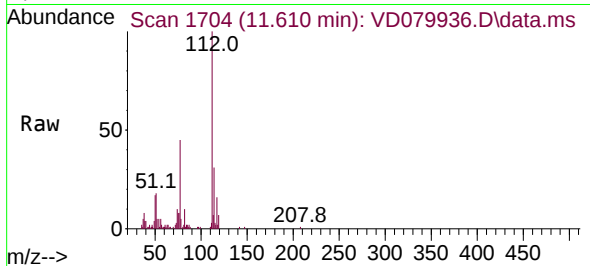




#65
Chlorobenzene
Concen: 10.231 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

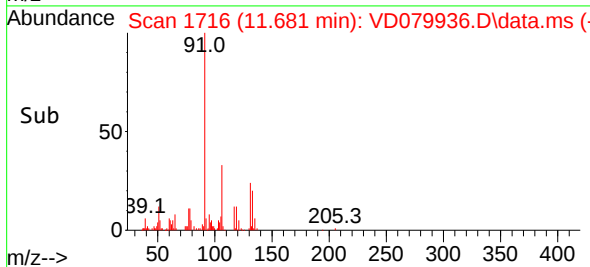
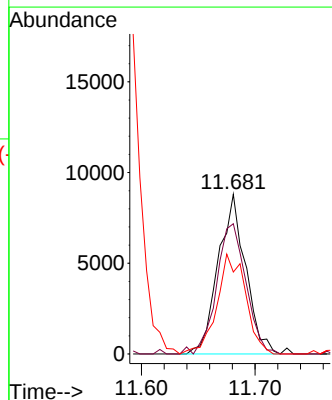
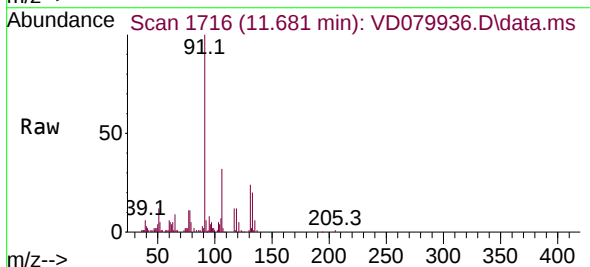
Instrument :
MSVOA_D
ClientSampleId :

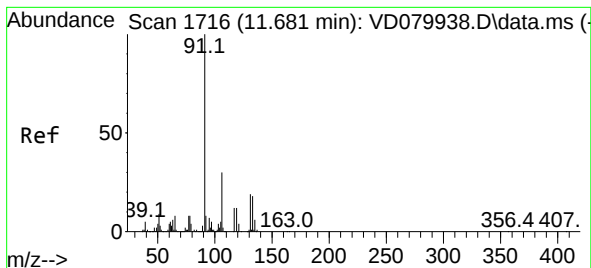
Tgt Ion:112 Resp: 39629
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.760 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion:131 Resp: 14787
Ion Ratio Lower Upper
131 100
133 87.6 47.7 143.1
119 65.4 33.7 101.0





#67

Ethyl Benzene

Concen: 8.588 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

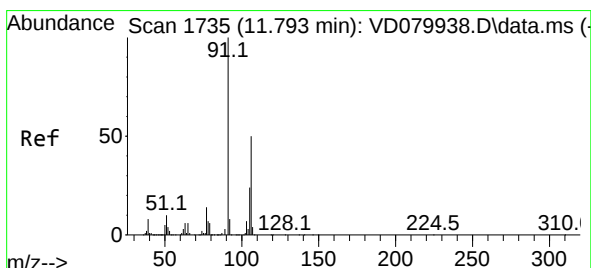
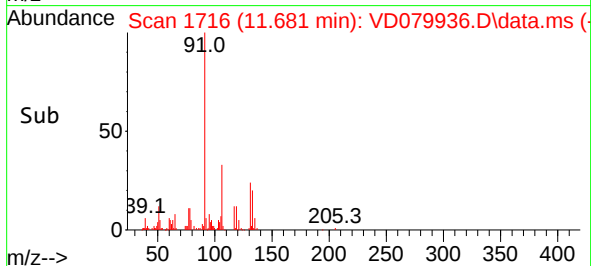
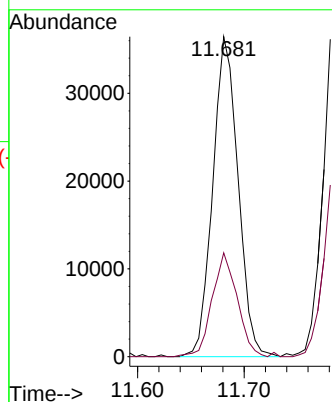
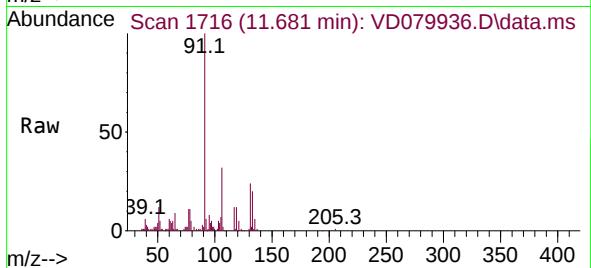
ClientSampleId :

Tgt Ion: 91 Resp: 60139

Ion Ratio Lower Upper

91 100

106 32.5 24.0 36.0



#68

m/p-Xylenes

Concen: 18.011 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD079936.D

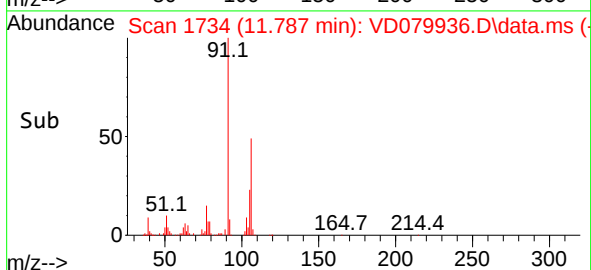
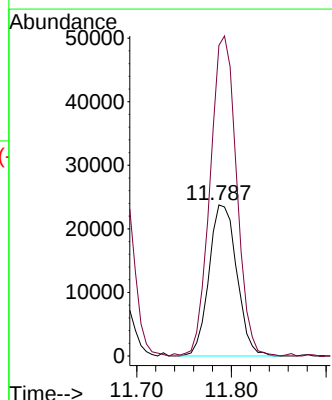
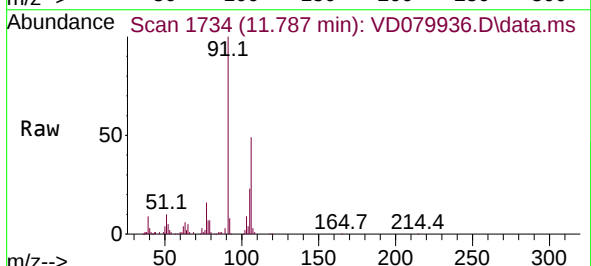
Acq: 30 Sep 2024 14:59

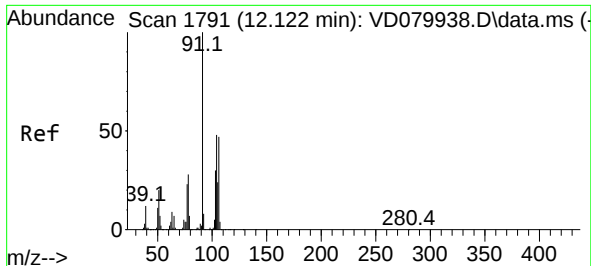
Tgt Ion: 106 Resp: 48301

Ion Ratio Lower Upper

106 100

91 202.6 163.4 245.2

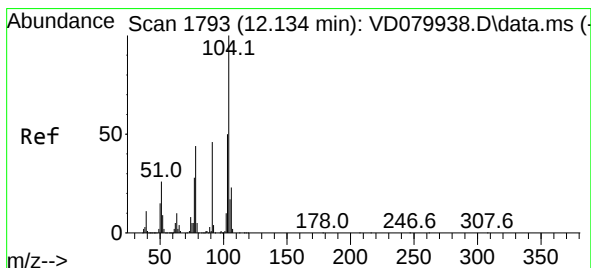
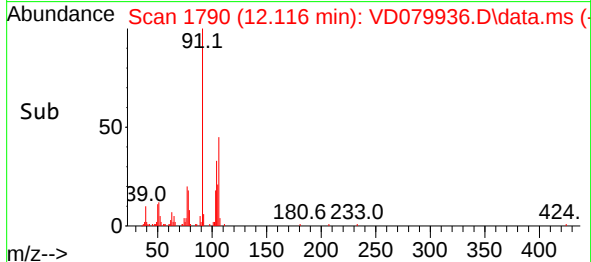
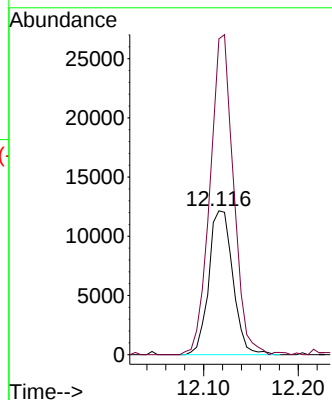
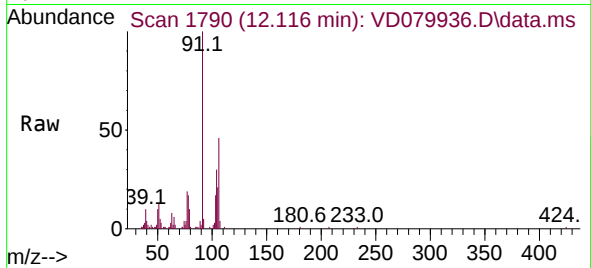




#69
o-Xylene
Concen: 8.841 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

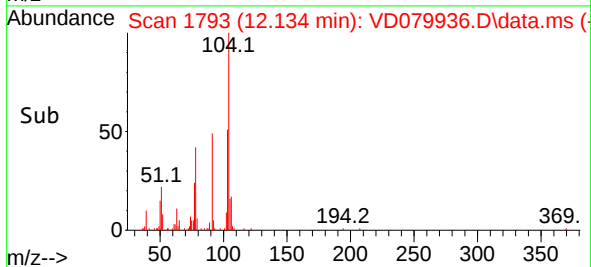
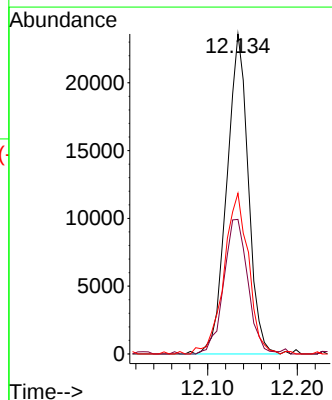
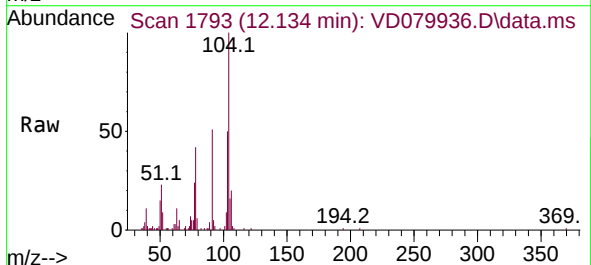
Instrument :
MSVOA_D
ClientSampleId :

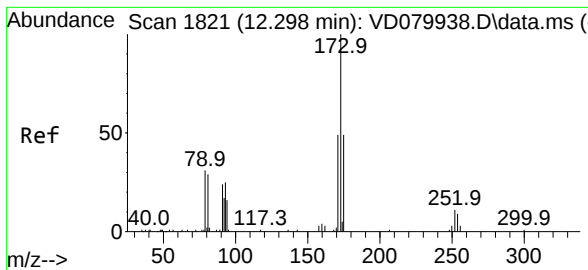
Tgt Ion:106 Resp: 21467
Ion Ratio Lower Upper
106 100
91 216.8 107.8 323.4



#70
Styrene
Concen: 10.423 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion:104 Resp: 39243
Ion Ratio Lower Upper
104 100
78 47.2 39.9 59.9
103 57.4 45.5 68.3





#71

Bromoform

Concen: 10.789 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD079936.D

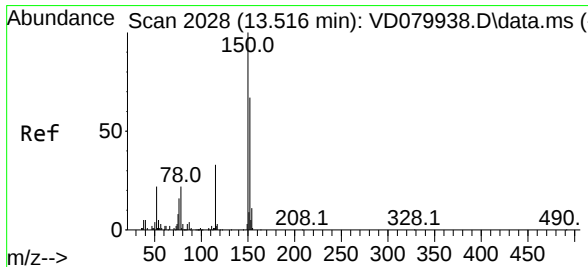
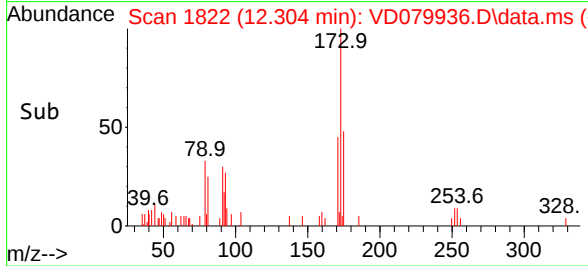
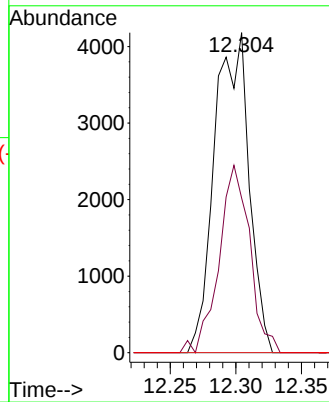
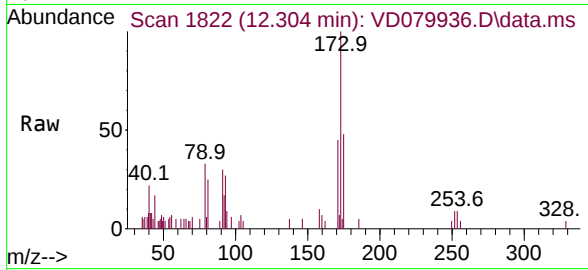
Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	7621
Ion Ratio	Lower	Upper
173	100	
175	52.4	24.3 72.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

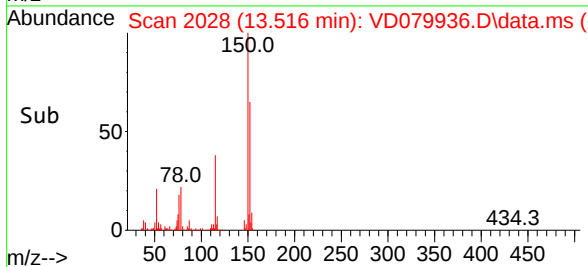
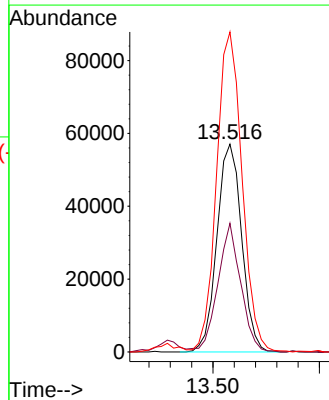
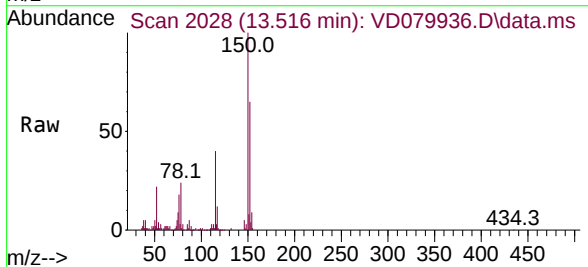
RT: 13.516 min Scan# 2028

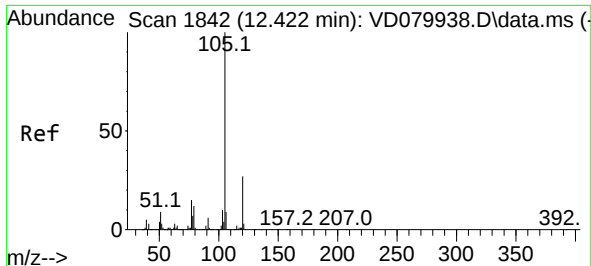
Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Tgt Ion:152	Resp:	91893
Ion Ratio	Lower	Upper
152	100	
115	57.4	29.0 87.1
150	159.1	0.0 347.6

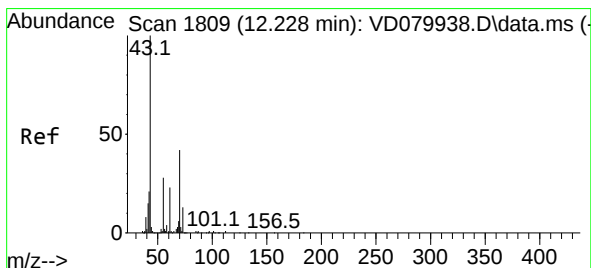
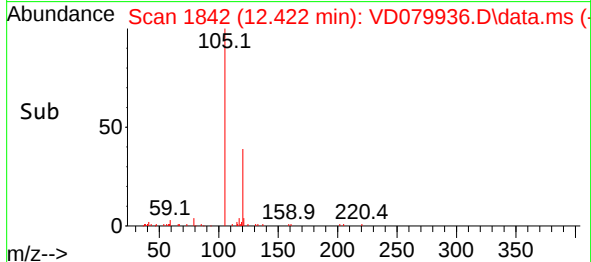
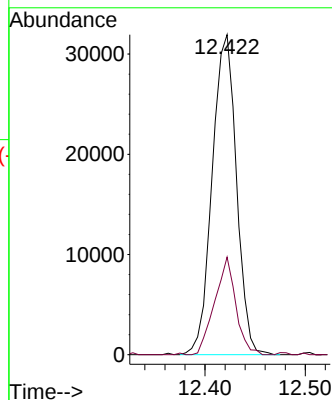
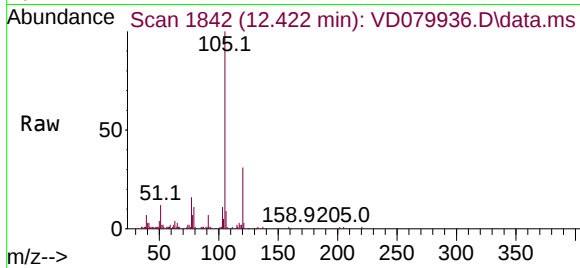




#73
Isopropylbenzene
Concen: 7.627 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

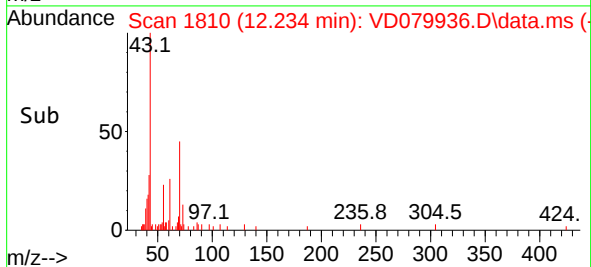
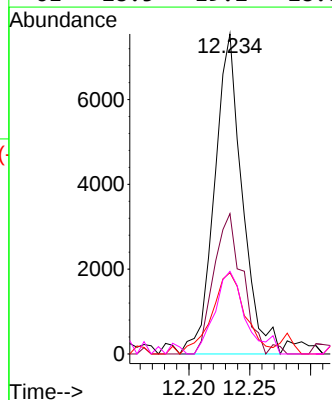
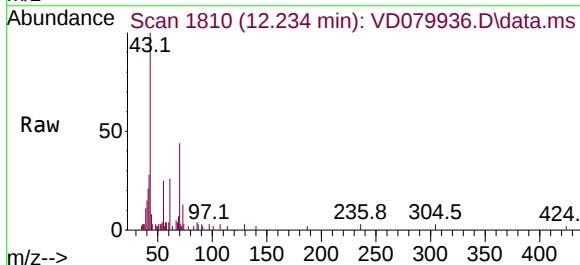
Instrument :
MSVOA_D
ClientSampleId :

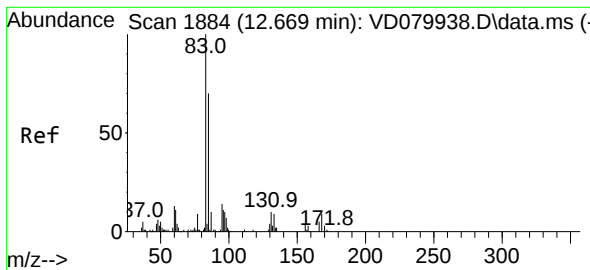
Tgt Ion:105 Resp: 53718
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 8.600 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 43 Resp: 11923
Ion Ratio Lower Upper
43 100
70 45.8 36.4 54.6
55 31.2 20.8 31.2
61 28.5 19.2 28.8

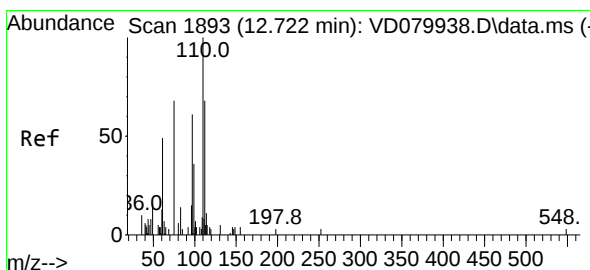
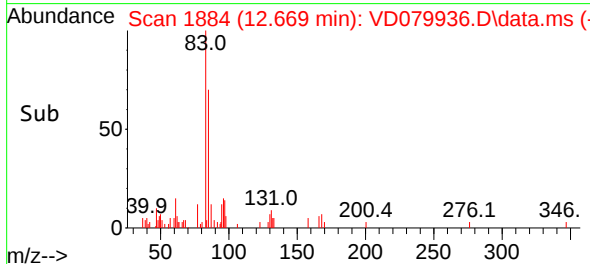
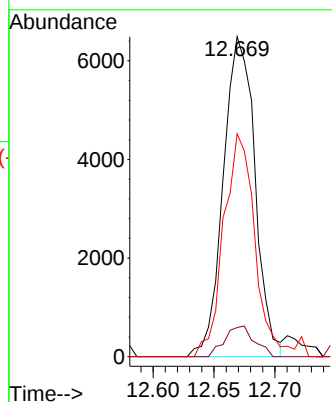
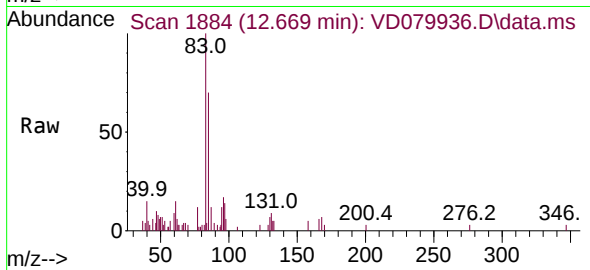




#75
1,1,2,2-Tetrachloroethane
Concen: 8.955 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

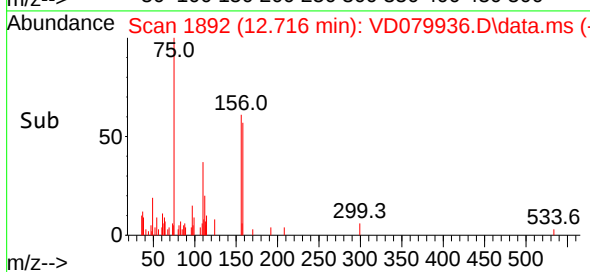
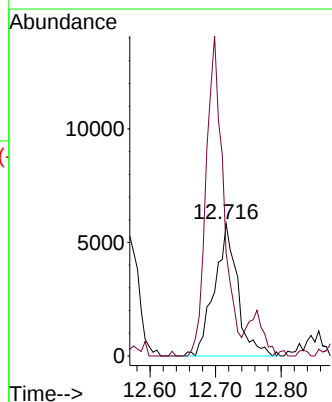
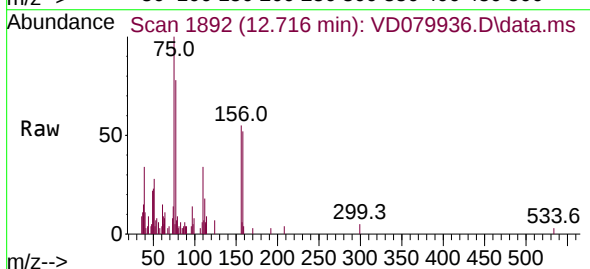
Instrument :
MSVOA_D
ClientSampleId :

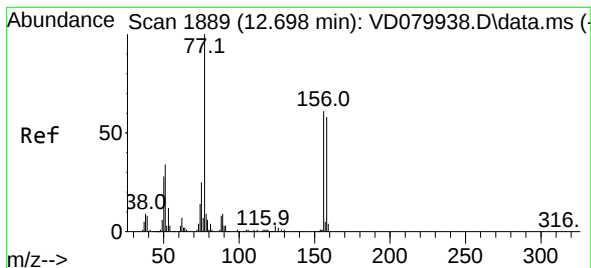
Tgt Ion:	83	Resp:	11774
Ion	Ratio	Lower	Upper
83	100		
131	8.9	5.1	15.4
85	68.6	32.3	96.8



#76
1,2,3-Trichloropropane
Concen: 16.652 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion:	75	Resp:	14309
Ion	Ratio	Lower	Upper
75	100		
77	181.3	0.0	0.0#





#77

Bromobenzene

Concen: 9.620 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079936.D

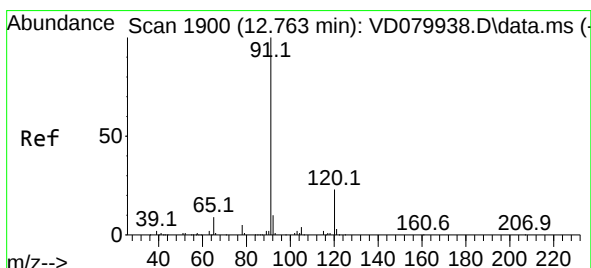
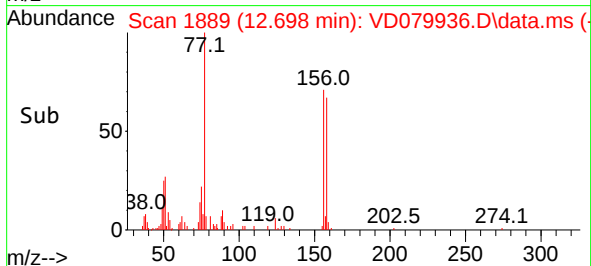
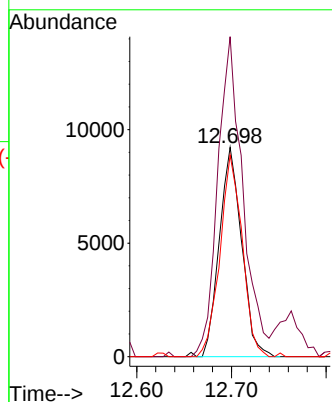
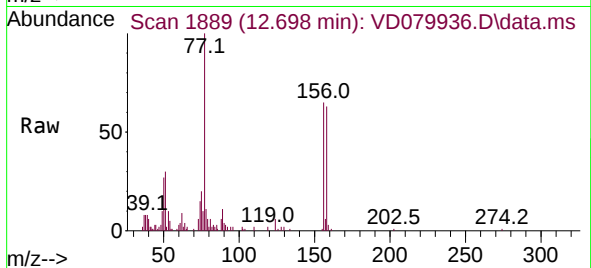
Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	15181
Ion Ratio	Lower	Upper	
156	100		
77	170.9	88.4	265.2
158	95.5	48.3	144.8



#78

n-propylbenzene

Concen: 7.857 ug/l

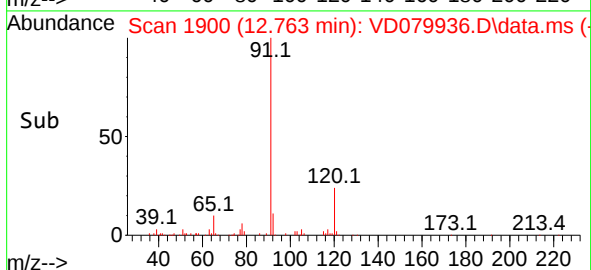
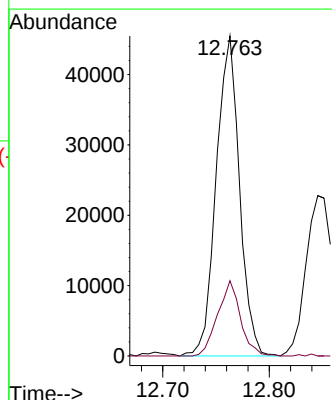
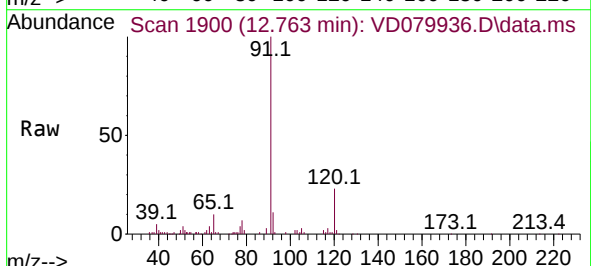
RT: 12.763 min Scan# 1900

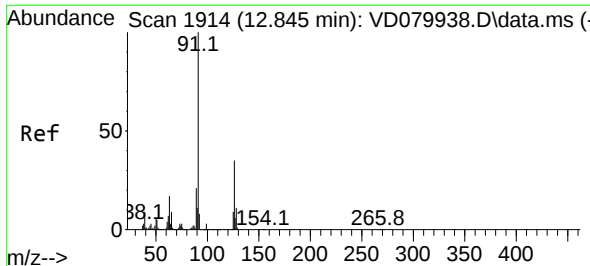
Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Tgt Ion:	91	Resp:	68930
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.3	33.8

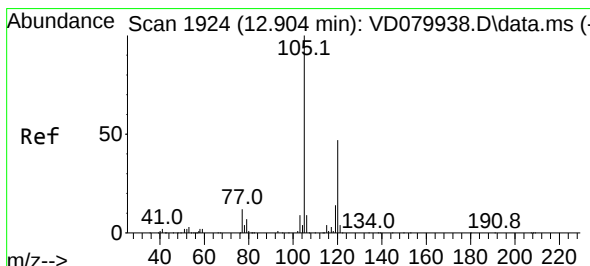
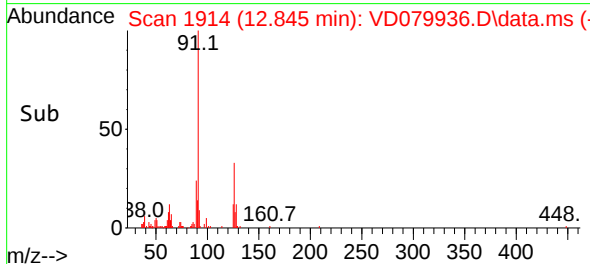
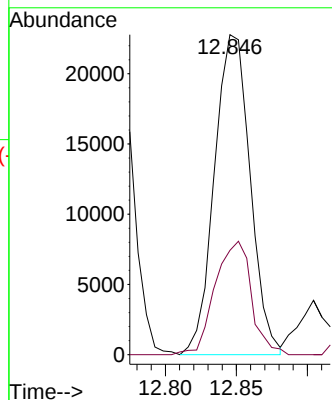
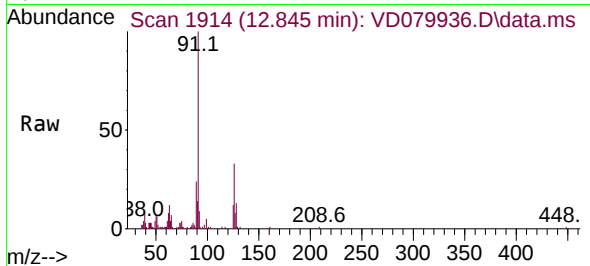




#79
2-Chlorotoluene
Concen: 8.453 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

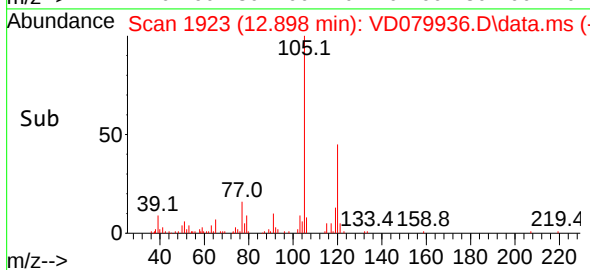
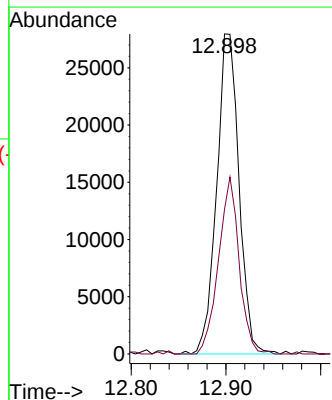
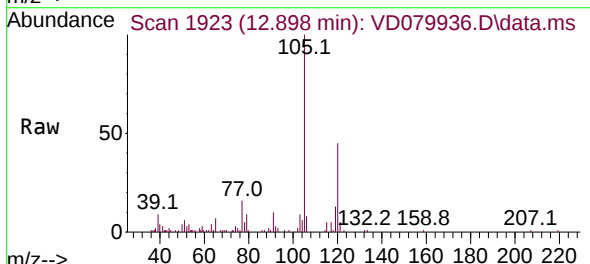
Instrument :
MSVOA_D
ClientSampleId :

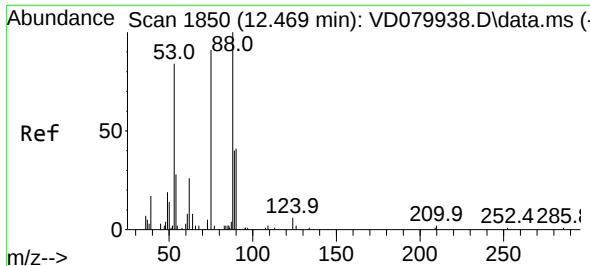
Tgt Ion: 91 Resp: 39947
Ion Ratio Lower Upper
91 100
126 35.9 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 7.825 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 105 Resp: 45927
Ion Ratio Lower Upper
105 100
120 51.0 24.4 73.4

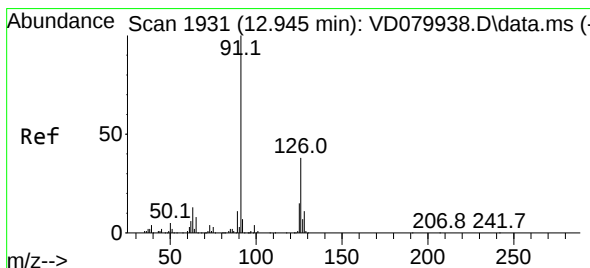
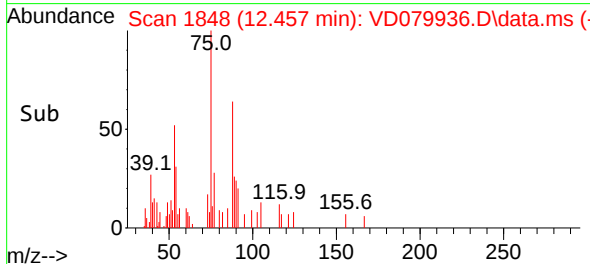
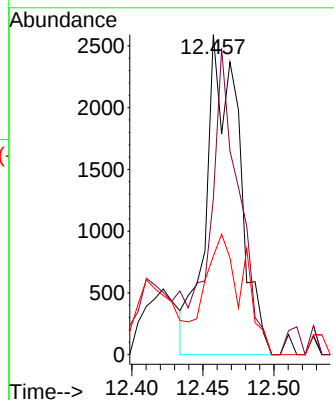
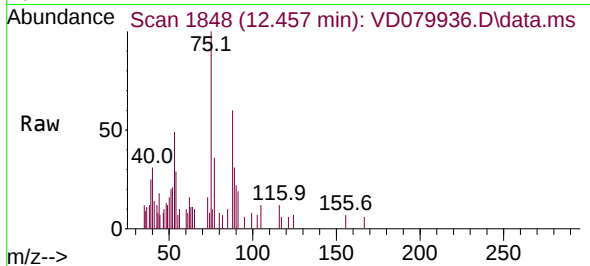




#81
trans-1,4-Dichloro-2-butene
Concen: 10.315 ug/l
RT: 12.457 min Scan# 1848
Delta R.T. -0.012 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

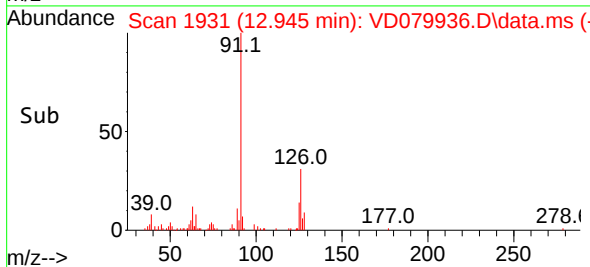
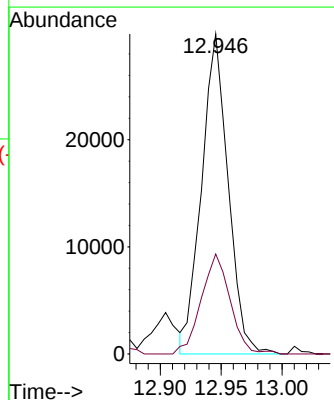
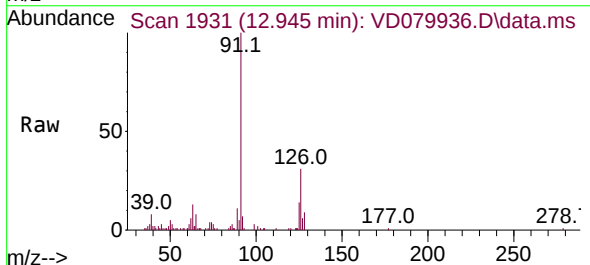
Instrument :
MSVOA_D
ClientSampleId :

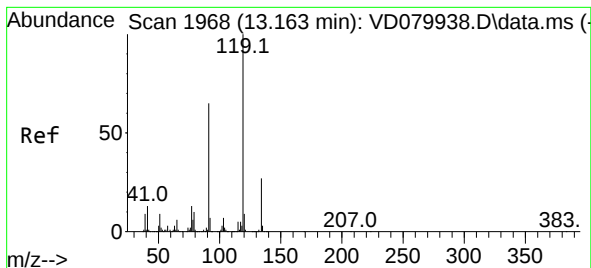
Tgt Ion: 75 Resp: 4222
Ion Ratio Lower Upper
75 100
53 79.2 73.7 110.5
89 43.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 9.073 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 91 Resp: 45305
Ion Ratio Lower Upper
91 100
126 34.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 7.798 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

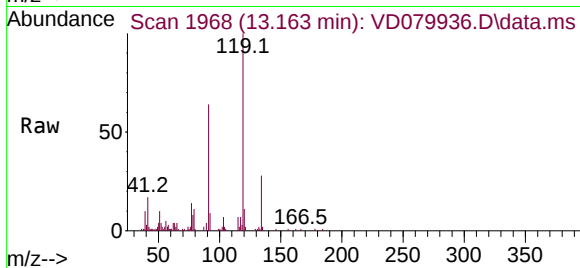
Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :



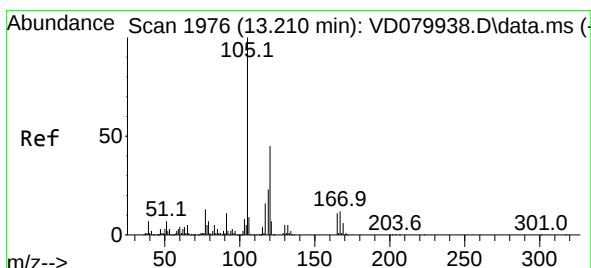
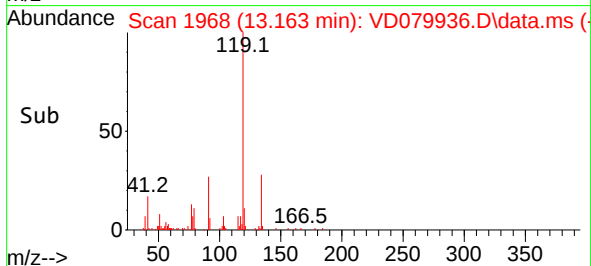
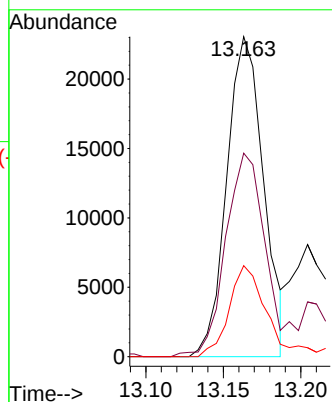
Tgt Ion:119 Resp: 38112

Ion Ratio Lower Upper

119 100

91 70.7 33.5 100.5

134 29.8 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 7.918 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079936.D

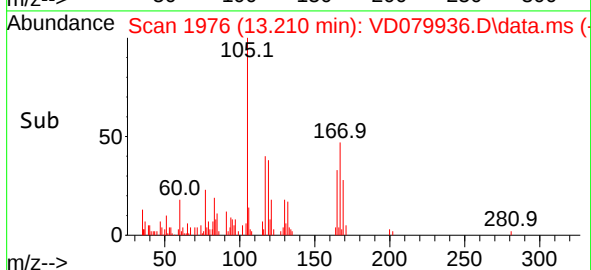
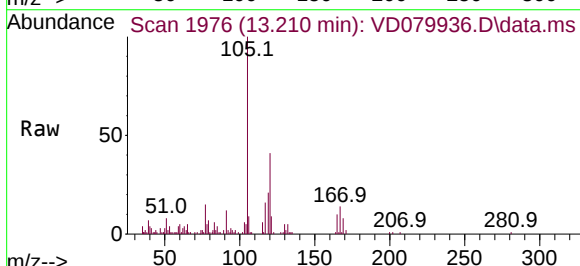
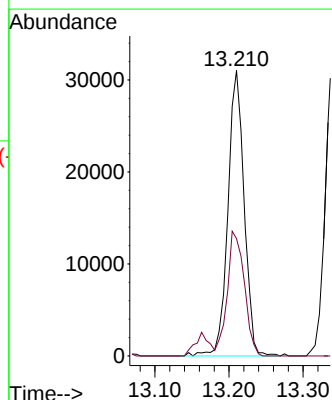
Acq: 30 Sep 2024 14:59

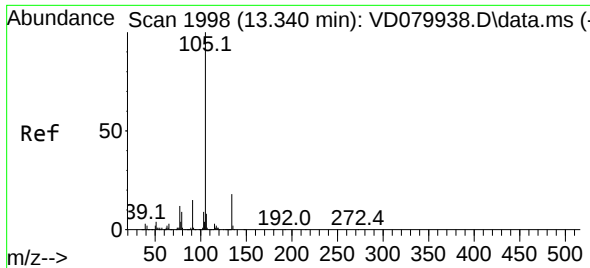
Tgt Ion:105 Resp: 47227

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.0

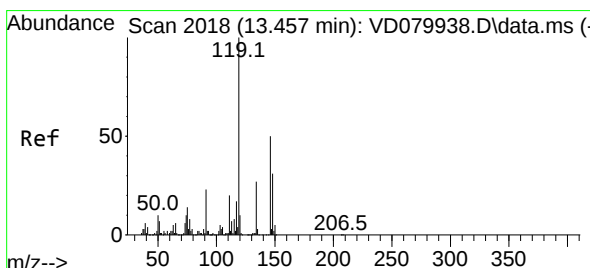
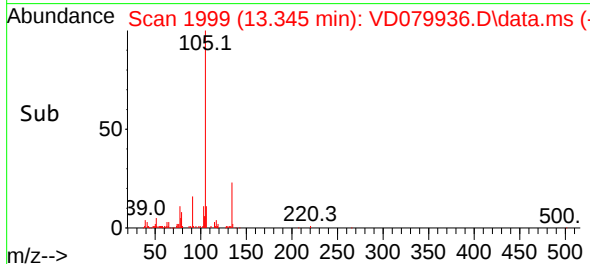
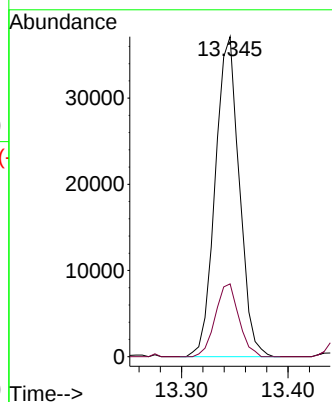
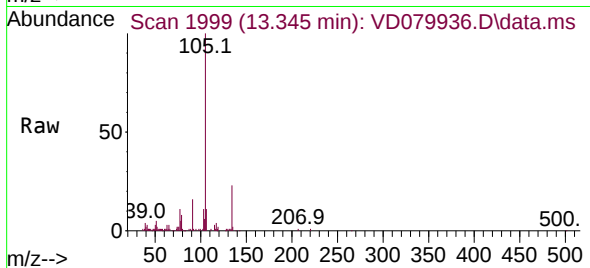




#85
 sec-Butylbenzene
 Concen: 7.778 ug/l
 RT: 13.345 min Scan# 1998
 Delta R.T. 0.006 min
 Lab File: VD079936.D
 Acq: 30 Sep 2024 14:59

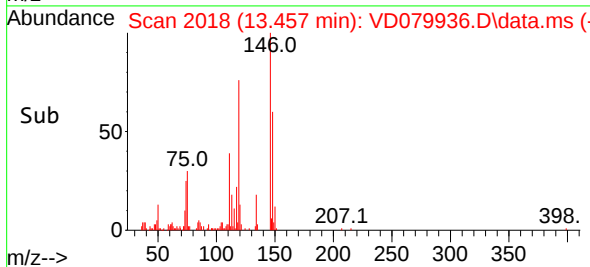
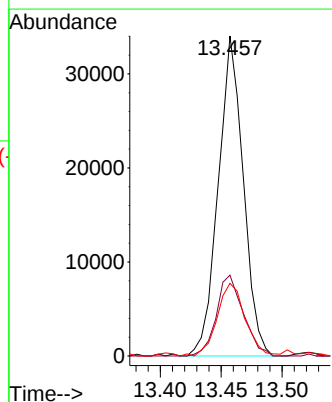
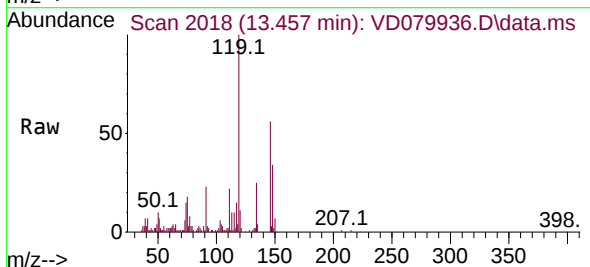
Instrument :
 MSVOA_D
 ClientSampleId :

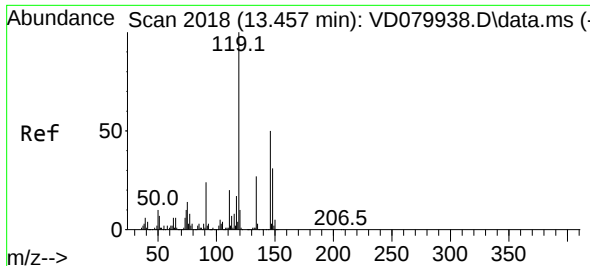
Tgt Ion:105 Resp: 58089
 Ion Ratio Lower Upper
 105 100
 134 22.3 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 7.541 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079936.D
 Acq: 30 Sep 2024 14:59

Tgt Ion:119 Resp: 48720
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 38.9
 91 25.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 9.610 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

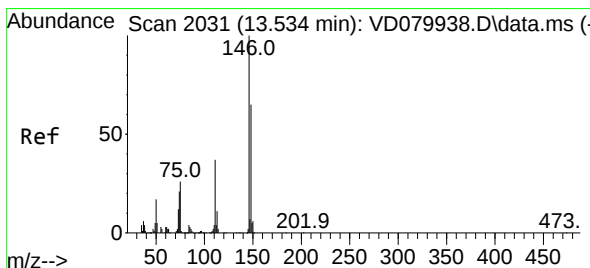
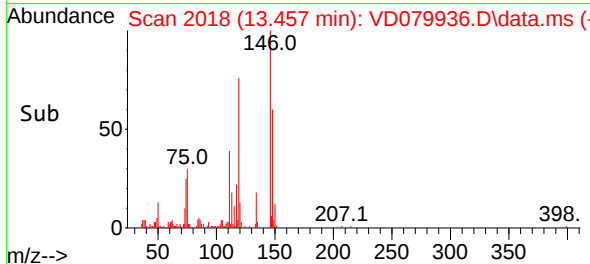
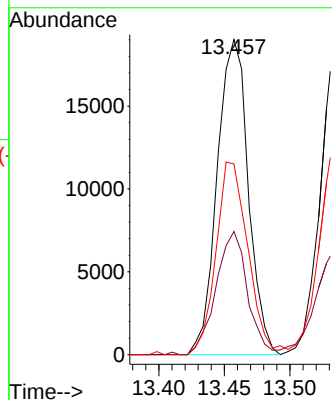
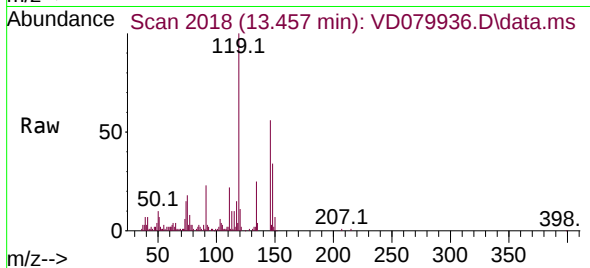
Tgt Ion:146 Resp: 31410

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.3

148 63.0 32.4 97.0



#88

1,4-Dichlorobenzene

Concen: 9.820 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

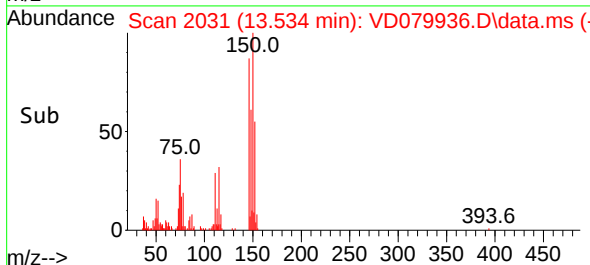
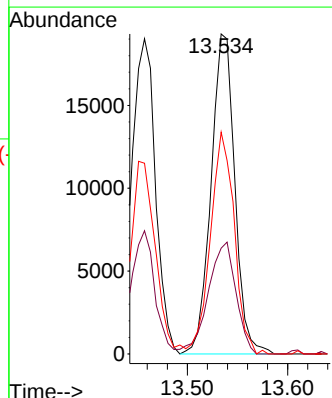
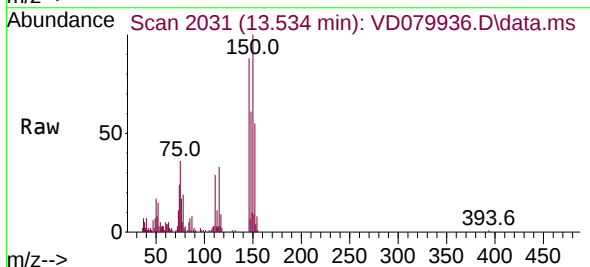
Tgt Ion:146 Resp: 31754

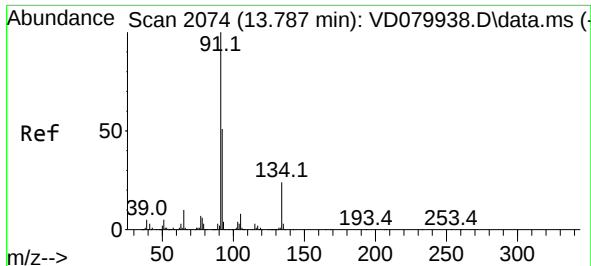
Ion Ratio Lower Upper

146 100

111 40.6 19.4 58.4

148 69.3 32.3 96.9





#89

n-Butylbenzene

Concen: 7.389 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

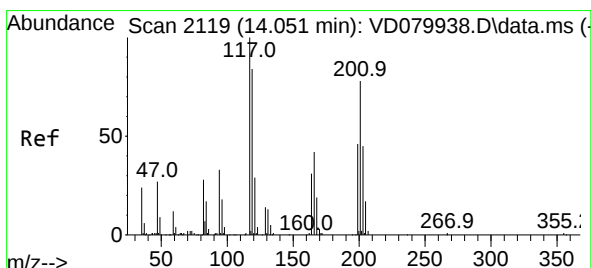
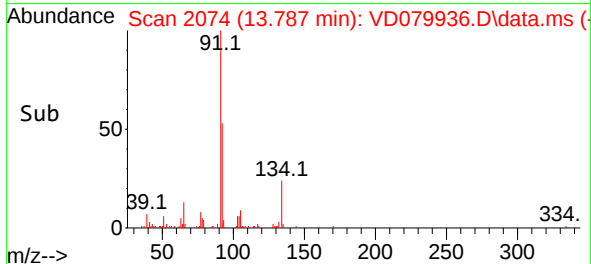
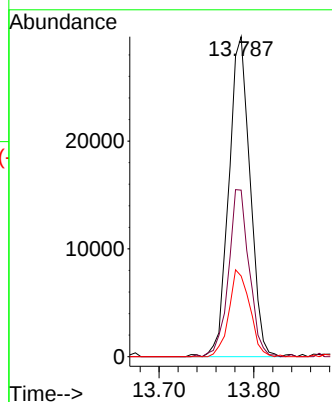
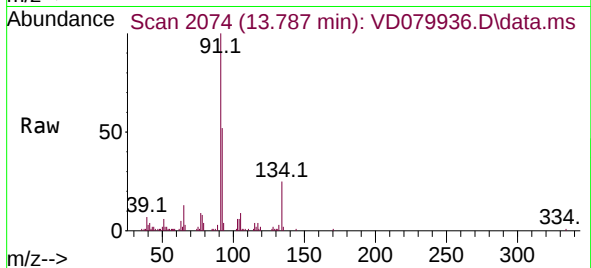
Tgt Ion: 91 Resp: 46278

Ion Ratio Lower Upper

91 100

92 50.8 25.6 76.8

134 26.7 12.4 37.2



#90

Hexachloroethane

Concen: 9.692 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD079936.D

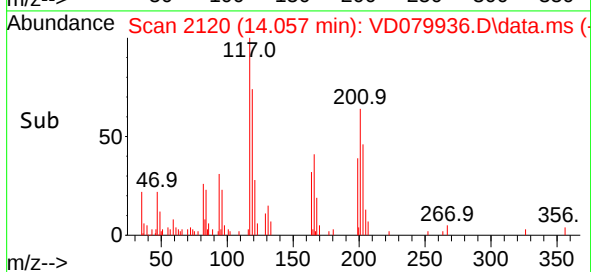
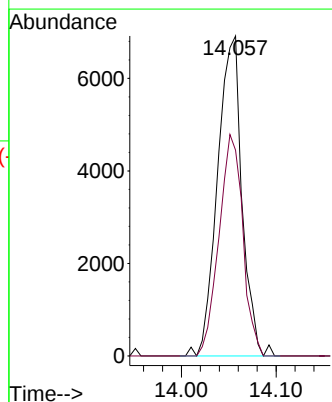
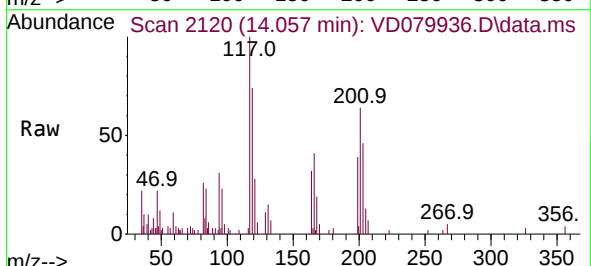
Acq: 30 Sep 2024 14:59

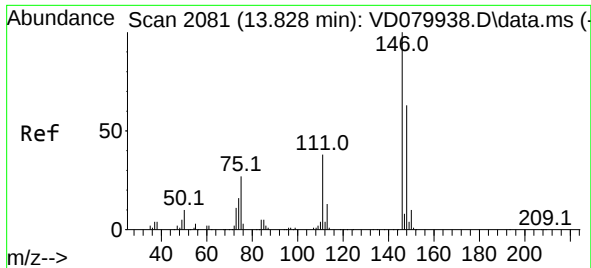
Tgt Ion: 117 Resp: 12437

Ion Ratio Lower Upper

117 100

201 67.3 37.0 110.9

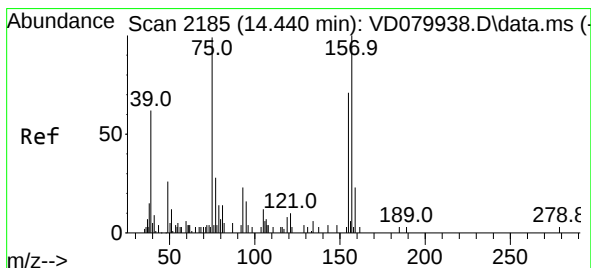
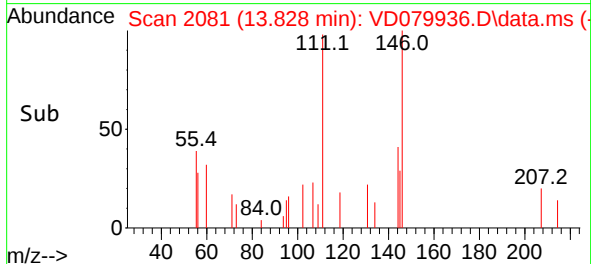
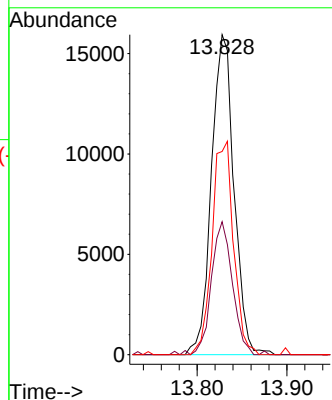
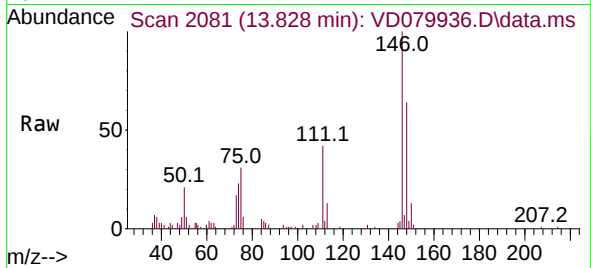




#91
1,2-Dichlorobenzene
Concen: 10.074 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

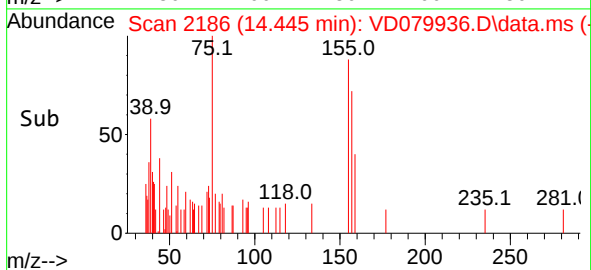
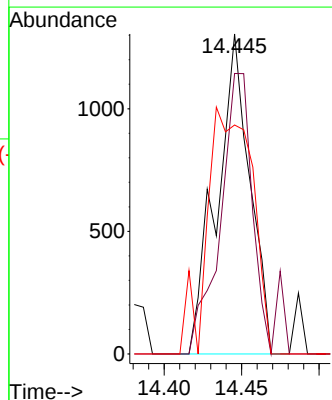
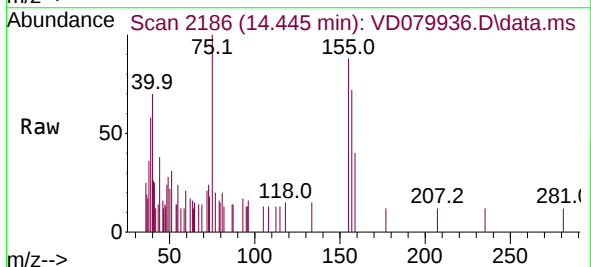
Instrument :
MSVOA_D
ClientSampleId :

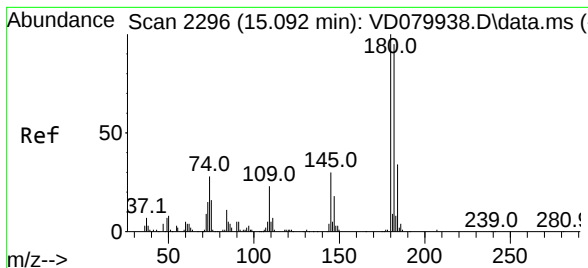
Tgt Ion:146 Resp: 27812
Ion Ratio Lower Upper
146 100
111 38.8 20.1 60.2
148 63.5 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.071 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion: 75 Resp: 1931
Ion Ratio Lower Upper
75 100
155 84.3 44.4 133.1
157 105.1 56.0 168.2





#93

1,2,4-Trichlorobenzene

Concen: 8.915 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

Instrument :

MSVOA_D

ClientSampleId :

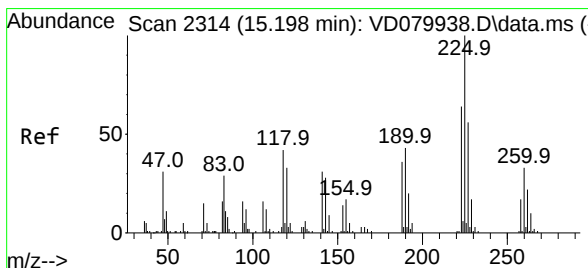
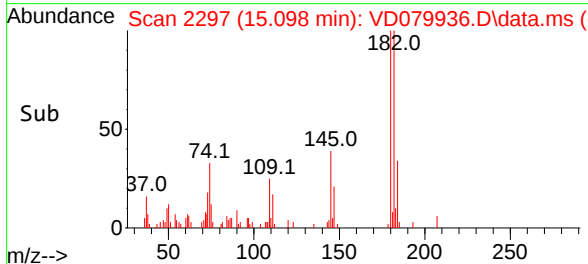
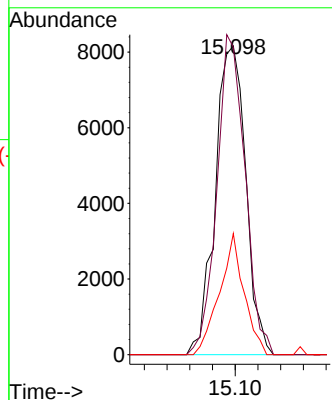
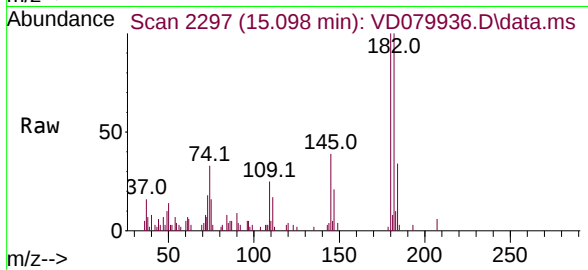
Tgt Ion:180 Resp: 15238

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 31.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 9.343 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD079936.D

Acq: 30 Sep 2024 14:59

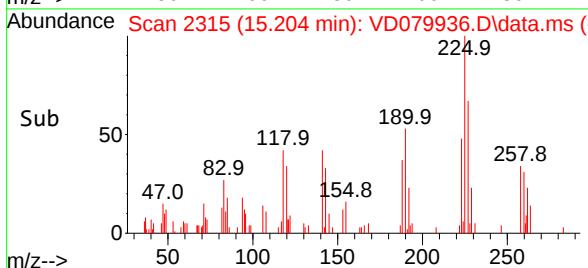
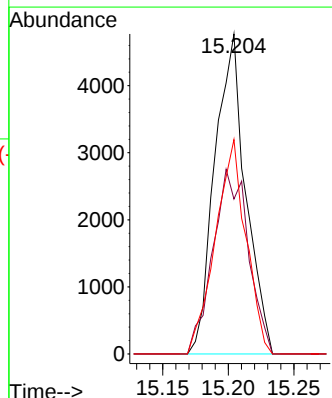
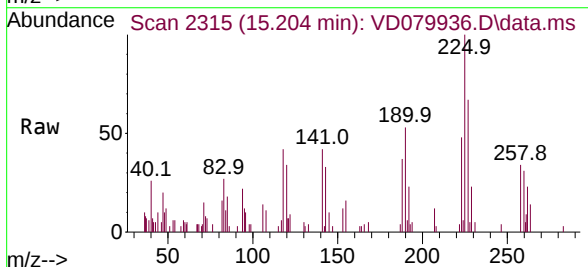
Tgt Ion:225 Resp: 7818

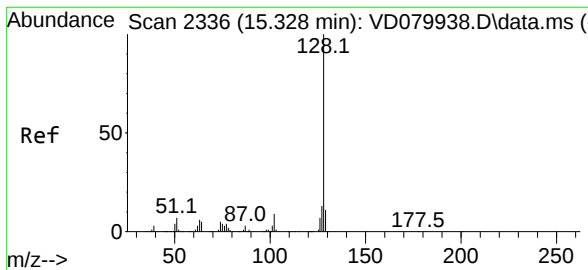
Ion Ratio Lower Upper

225 100

223 66.1 30.6 92.0

227 66.3 29.8 89.3

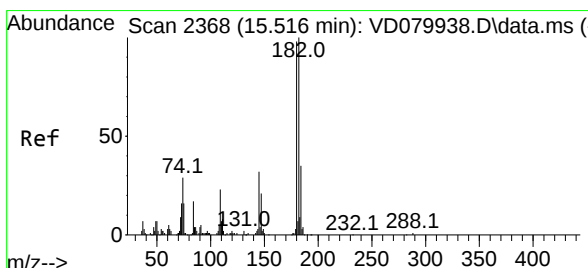
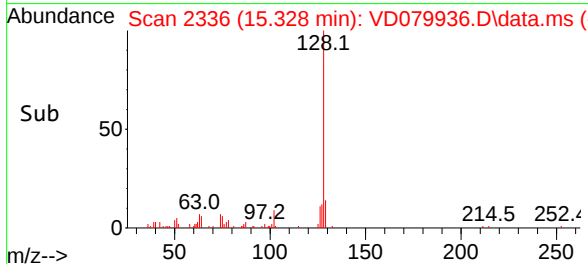
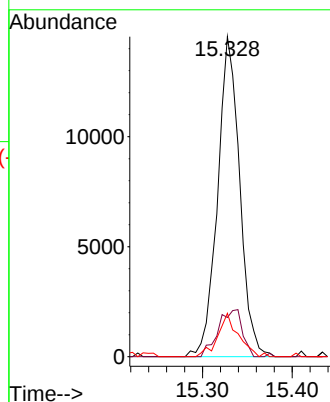
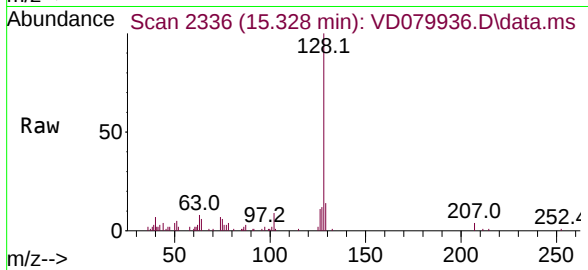




#95
Naphthalene
Concen: 7.875 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	24899
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.6	16.0
129	13.5	8.5	12.7#



#96
1,2,3-Trichlorobenzene
Concen: 9.073 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079936.D
Acq: 30 Sep 2024 14:59

Tgt Ion:	180	Resp:	13076
Ion	Ratio	Lower	Upper
180	100		
182	105.9	47.6	142.8
145	31.9	15.1	45.3

