

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101424\
 Data File : VD079974.D
 Acq On : 14 Oct 2024 12:54
 Operator : RP/MD
 Sample : P4368-01 2.5 PPB
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 15 05:27:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 15 05:25:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	233928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	89610	54.732	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.460%	
35) Dibromofluoromethane	7.804	113	96549	57.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.360%	
50) Toluene-d8	10.269	98	302563	50.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.575	95	102667	48.881	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	4386	3.100	ug/l	99
3) Chloromethane	2.146	50	5064	3.485	ug/l	94
4) Vinyl Chloride	2.287	62	5942	3.289	ug/l	90
5) Bromomethane	2.699	94	5640	3.629	ug/l	95
6) Chloroethane	2.846	64	4747	3.849	ug/l #	75
7) Trichlorofluoromethane	3.169	101	8641	3.053	ug/l #	83
8) Diethyl Ether	3.593	74	2261	2.908	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.963	101	5000	2.876	ug/l #	69
10) Methyl Iodide	4.169	142	5100	2.992	ug/l #	93
11) Tert butyl alcohol	5.046	59	2036	20.331	ug/l	99
12) 1,1-Dichloroethene	3.940	96	4670	3.020	ug/l	87
13) Acrolein	3.799	56	2095	19.512	ug/l #	78
14) Allyl chloride	4.558	41	6680	2.908	ug/l	93
15) Acrylonitrile	5.269	53	5548	14.935	ug/l #	80
16) Acetone	4.022	43	5872	13.837	ug/l	100
17) Carbon Disulfide	4.269	76	13886	3.221	ug/l	99
18) Methyl Acetate	4.563	43	3719	4.082	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	9377	2.625	ug/l	98
20) Methylene Chloride	4.793	84	10468	5.022	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	5112	3.079	ug/l	94
22) Diisopropyl ether	6.222	45	12053	2.420	ug/l #	90
23) Vinyl Acetate	6.157	43	42676	15.247	ug/l	100
24) 1,1-Dichloroethane	6.122	63	9472	2.886	ug/l #	94
25) 2-Butanone	7.093	43	6941	13.432	ug/l	91
26) 2,2-Dichloropropane	7.081	77	9650	3.398	ug/l	91
27) cis-1,2-Dichloroethene	7.087	96	5963	2.888	ug/l	83
28) Bromochloromethane	7.422	49	4905	3.502	ug/l #	98
29) Tetrahydrofuran	7.446	42	4003	14.484	ug/l #	83
30) Chloroform	7.599	83	9729	2.799	ug/l	93
31) Cyclohexane	7.875	56	9702	3.900	ug/l #	53
32) 1,1,1-Trichloroethane	7.799	97	8829	3.066	ug/l	95
36) 1,1-Dichloropropene	8.004	75	6964	3.077	ug/l	93
37) Ethyl Acetate	7.181	43	3699	3.376	ug/l #	70
38) Carbon Tetrachloride	7.993	117	7133	2.837	ug/l #	83
39) Methylcyclohexane	9.269	83	7258	2.858	ug/l	92
40) Benzene	8.246	78	19948	2.788	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	2130	3.702	ug/l #	53
42) 1,2-Dichloroethane	8.328	62	5846	2.971	ug/l	89
43) Isopropyl Acetate	8.363	43	5531	2.740	ug/l	93
44) Trichloroethene	9.022	130	5066	2.862	ug/l	90
45) 1,2-Dichloropropane	9.304	63	5544	3.055	ug/l	98
46) Dibromomethane	9.387	93	2984	2.980	ug/l	91
47) Bromodichloromethane	9.581	83	7536	2.838	ug/l	99
48) Methyl methacrylate	9.381	41	2340	2.574	ug/l #	86
49) 1,4-Dioxane	9.381	88	602	54.718	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	12444	12.051	ug/l	95
52) Toluene	10.334	92	12694	2.897	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	5993	2.577	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	7137	2.601	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	3908	2.779	ug/l	96
56) Ethyl methacrylate	10.598	69	4028	2.452	ug/l #	93
57) 1,3-Dichloropropane	10.875	76	5829	2.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	7713	12.686	ug/l	99
59) 2-Hexanone	10.922	43	9507	12.431	ug/l	90
60) Dibromochloromethane	11.075	129	5065	2.772	ug/l	99
61) 1,2-Dibromoethane	11.175	107	3670	2.835	ug/l	96
64) Tetrachloroethene	10.810	164	4524	3.025	ug/l	87
65) Chlorobenzene	11.604	112	14469	2.932	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.681	131	4753	2.681	ug/l	92
67) Ethyl Benzene	11.681	91	21013	2.518	ug/l	90
68) m/p-Xylenes	11.787	106	15629	4.879	ug/l	99
69) o-Xylene	12.122	106	7927	2.675	ug/l	90
70) Styrene	12.134	104	13086	2.481	ug/l	100
71) Bromoform	12.298	173	3013	2.826	ug/l #	99
73) Isopropylbenzene	12.416	105	17506	2.456	ug/l	100
74) N-amyl acetate	12.228	43	4414	2.560	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	4586	3.173	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	5901	5.104	ug/l #	100
77) Bromobenzene	12.698	156	5710	3.096	ug/l	93
78) n-propylbenzene	12.763	91	25002	2.821	ug/l	97
79) 2-Chlorotoluene	12.851	91	14278	2.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	15676	2.609	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	1582	3.054	ug/l #	82
82) 4-Chlorotoluene	12.945	91	14734	2.664	ug/l	99
83) tert-Butylbenzene	13.163	119	13093	2.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	14065	2.331	ug/l	89
85) sec-Butylbenzene	13.345	105	18893	2.387	ug/l	98
86) p-Isopropyltoluene	13.463	119	16224	2.457	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	10254	2.718	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	11826	3.137	ug/l	89
89) n-Butylbenzene	13.786	91	15508	2.428	ug/l	99
90) Hexachloroethane	14.051	117	4461	3.057	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	9010	2.733	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	877	3.634	ug/l	76
93) 1,2,4-Trichlorobenzene	15.098	180	5742	2.780	ug/l	98
94) Hexachlorobutadiene	15.204	225	3195	2.809	ug/l	96
95) Naphthalene	15.339	128	10542	2.862	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.522	180	4901	2.677	ug/l	97

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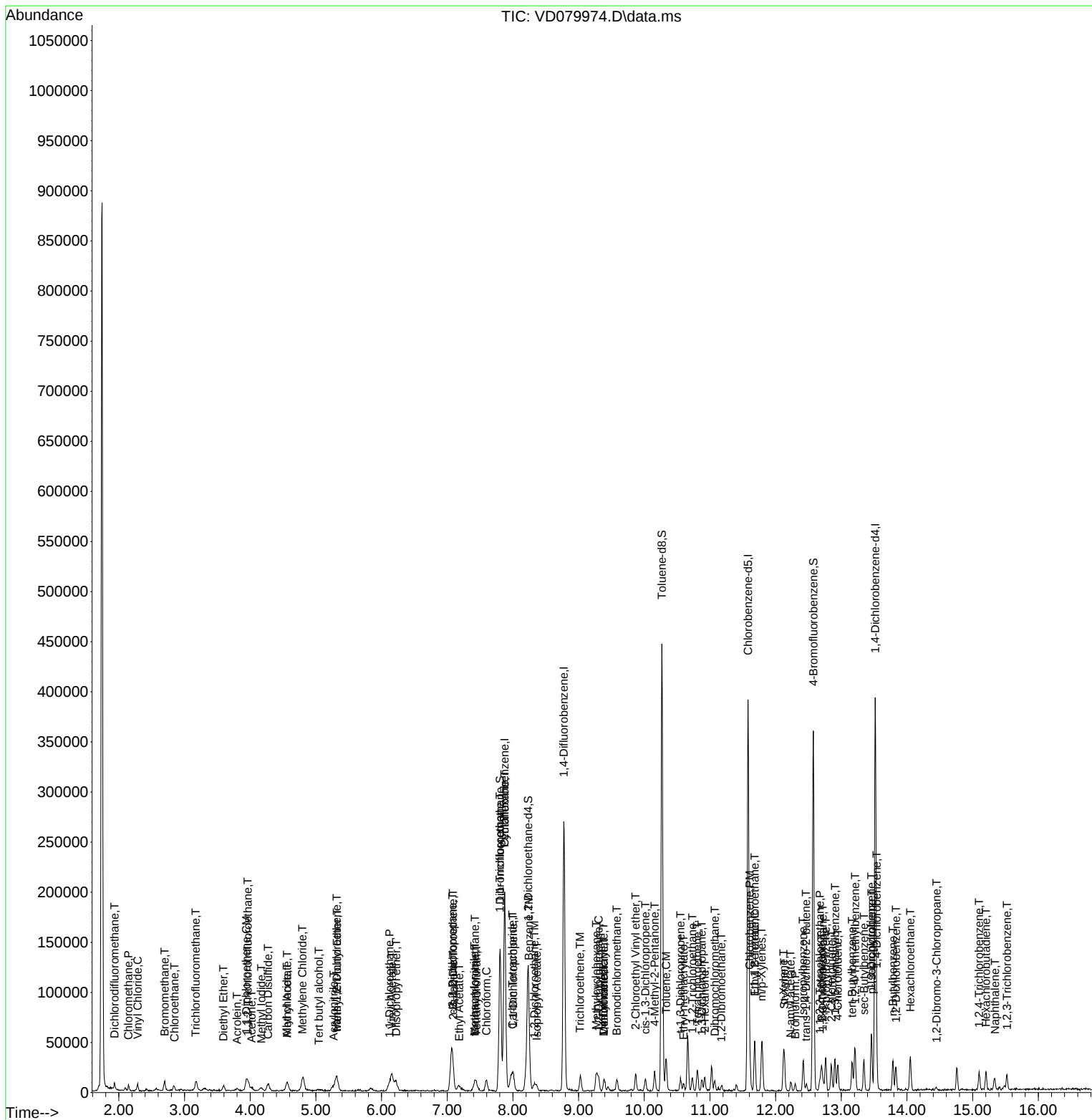
Instrument :
MSVOA_D
ClientSampleId :

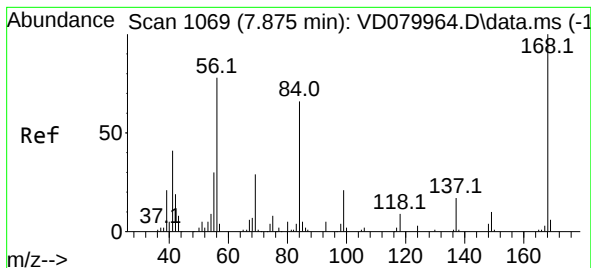
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Quant Title : SW846 8260
QLast Update : Tue Oct 15 05:25:09 2024
Response via : Initial Calibration

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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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

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Instrument :

MSVOA_D

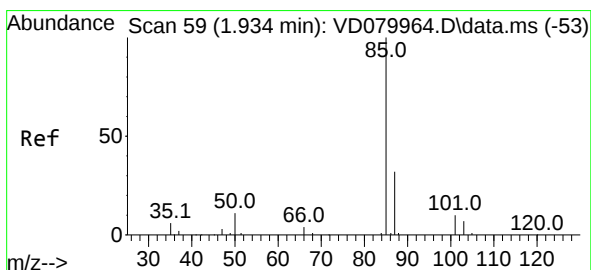
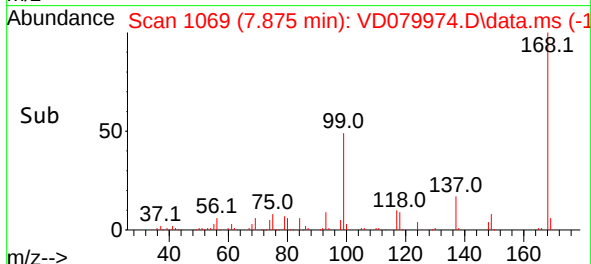
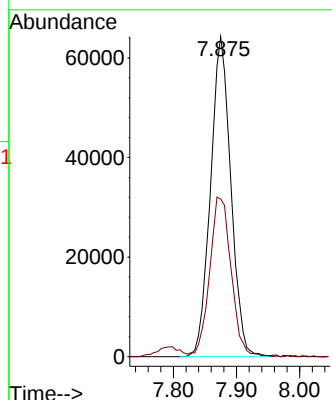
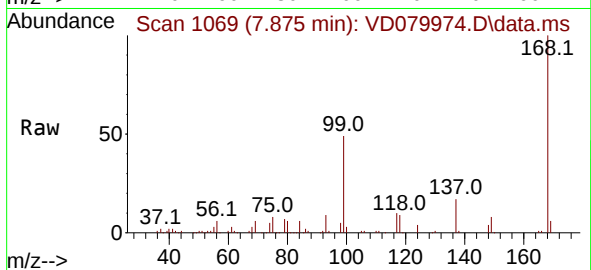
ClientSampleId :

Tgt Ion:168 Resp: 143929

Ion Ratio Lower Upper

168 100

99 49.2 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 3.100 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD079974.D

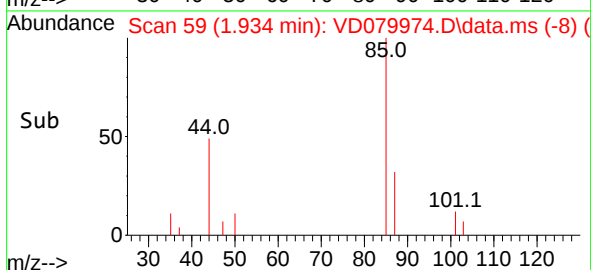
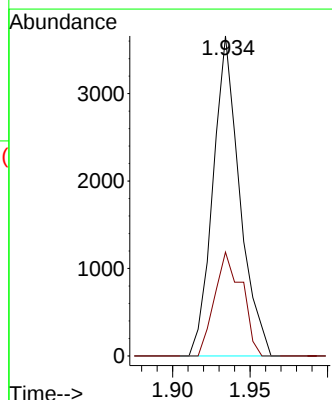
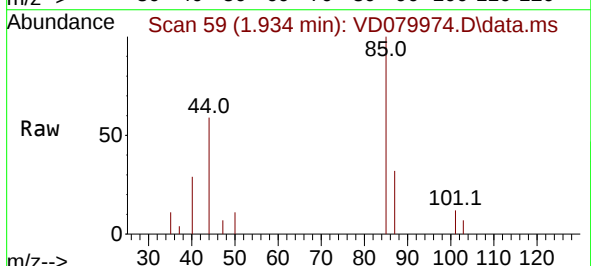
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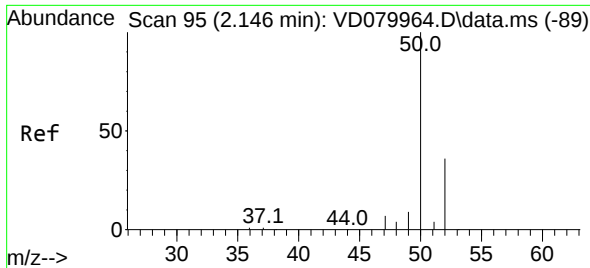
Tgt Ion: 85 Resp: 4386

Ion Ratio Lower Upper

85 100

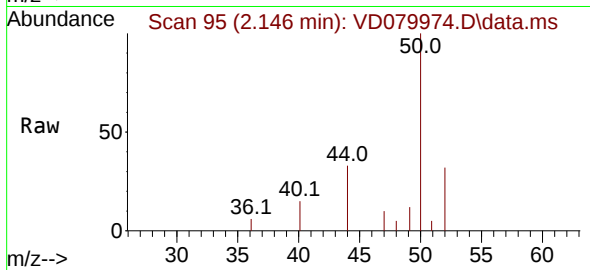
87 32.4 16.1 48.2



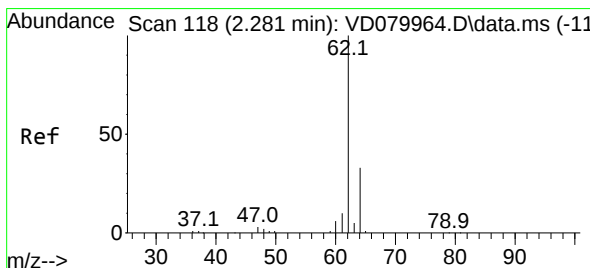
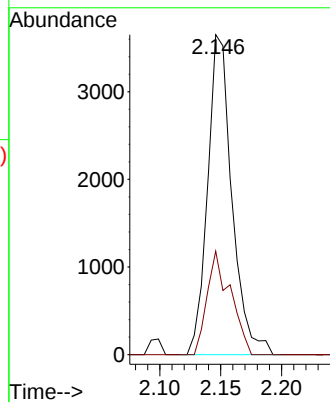
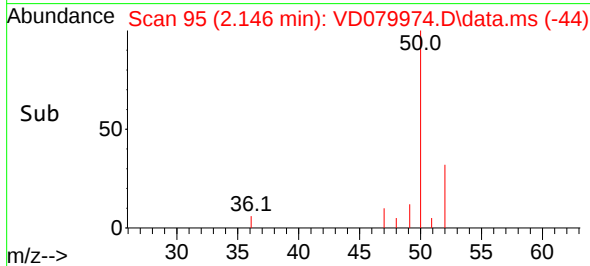


#3
Chloromethane
Concen: 3.485 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument :
MSVOA_D
ClientSampleId :

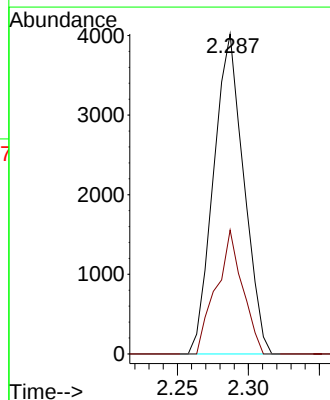
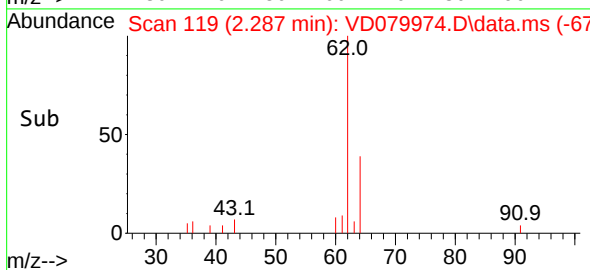
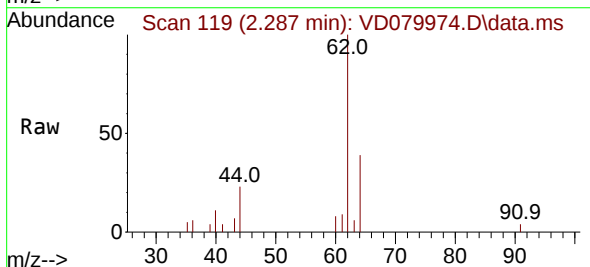


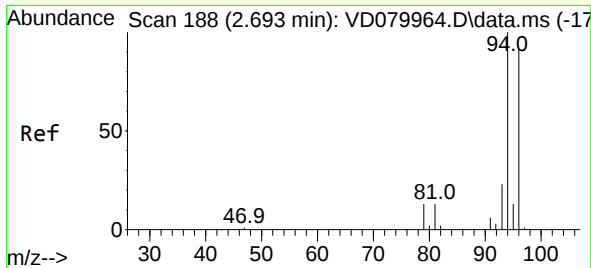
Tgt Ion: 50 Resp: 5064
Ion Ratio Lower Upper
50 100
52 32.3 28.8 43.2



#4
Vinyl Chloride
Concen: 3.289 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 62 Resp: 5942
Ion Ratio Lower Upper
62 100
64 38.7 26.5 39.7

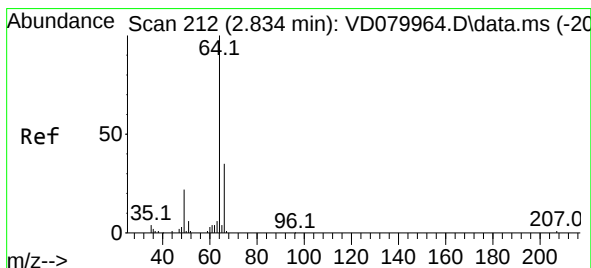
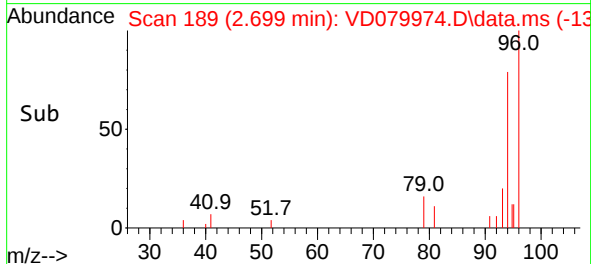
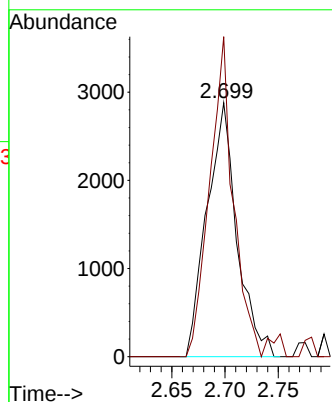
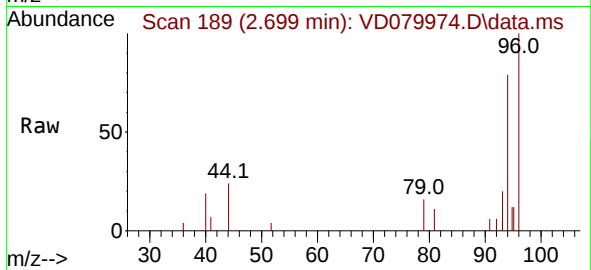




#5
Bromomethane
Concen: 3.629 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

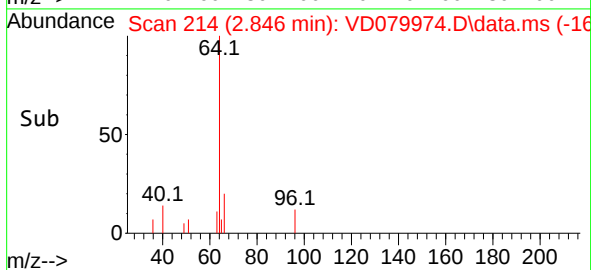
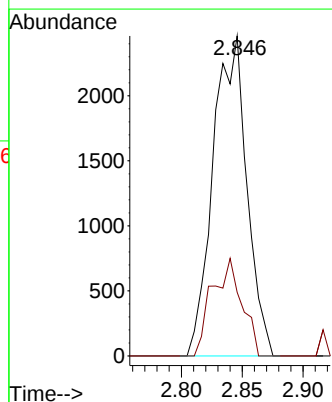
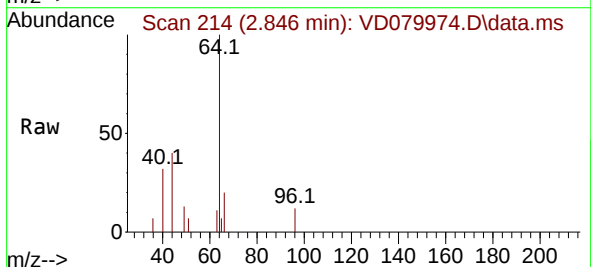
Instrument :
MSVOA_D
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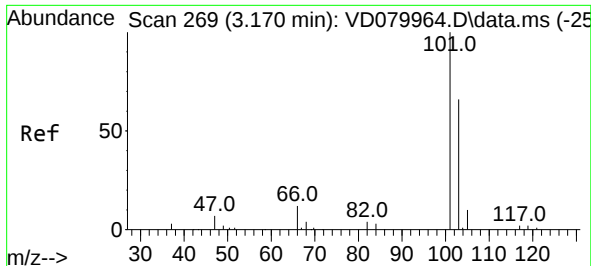
Tgt Ion: 94 Resp: 5640
Ion Ratio Lower Upper
94 100
96 100.0 76.2 114.2



#6
Chloroethane
Concen: 3.849 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.012 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 64 Resp: 4747
Ion Ratio Lower Upper
64 100
66 19.9 27.6 41.4#

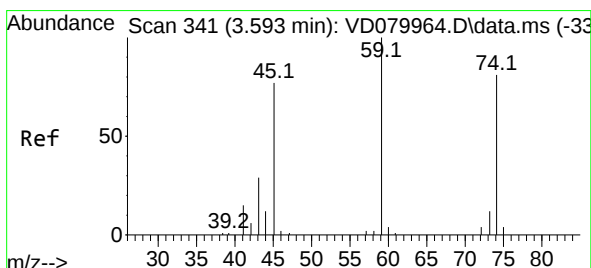
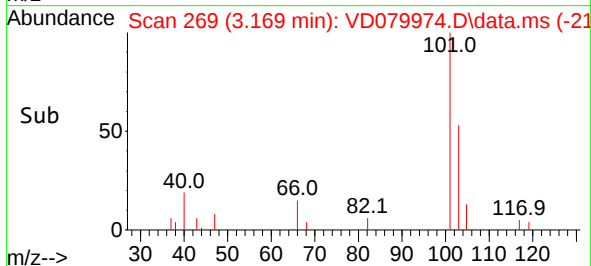
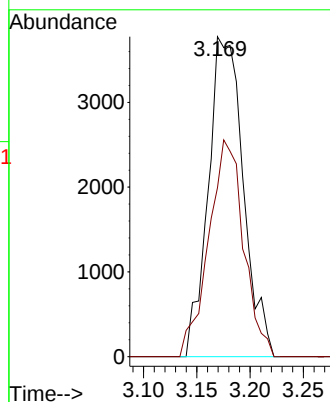
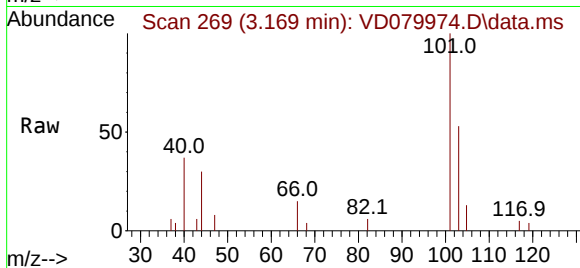




#7
Trichlorofluoromethane
Concen: 3.053 ug/l
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

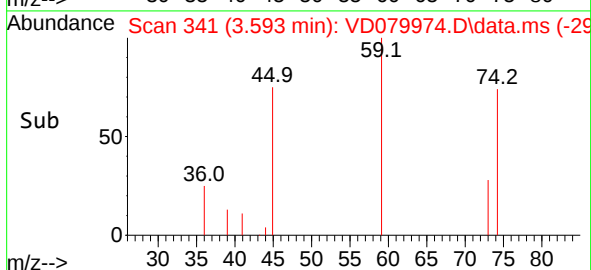
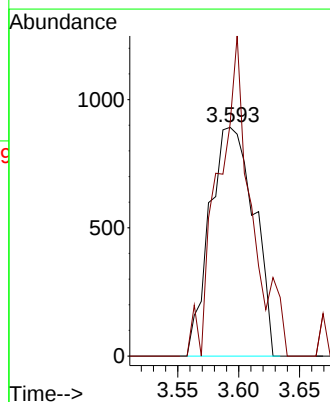
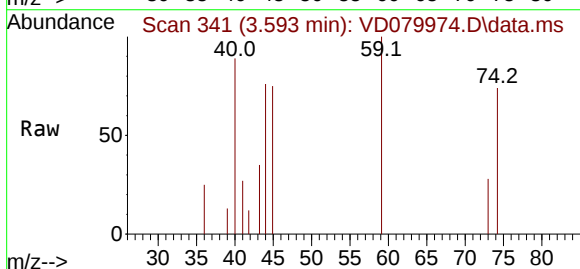
Instrument :
MSVOA_D
ClientSampleId :

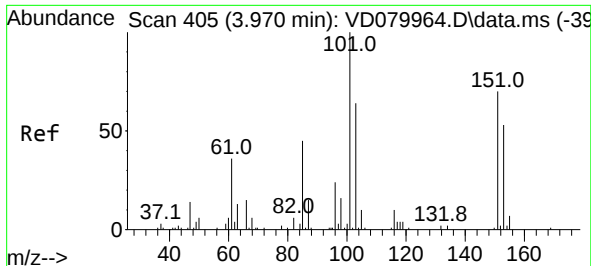
Tgt Ion:101 Resp: 8641
Ion Ratio Lower Upper
101 100
103 52.8 53.0 79.6#



#8
Diethyl Ether
Concen: 2.908 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 74 Resp: 2261
Ion Ratio Lower Upper
74 100
45 104.2 47.8 143.3

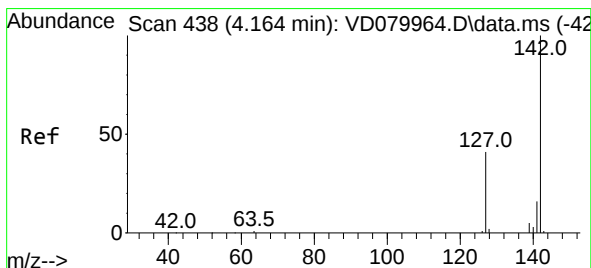
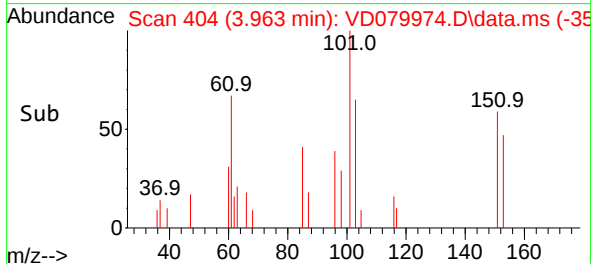
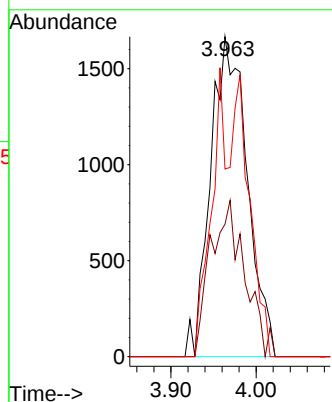
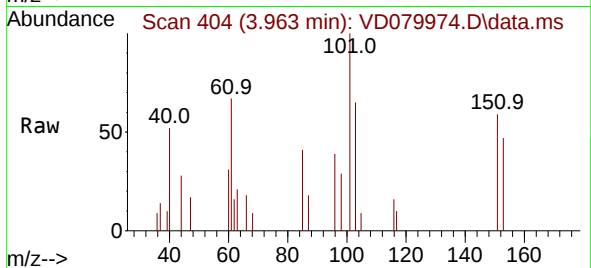




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.876 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

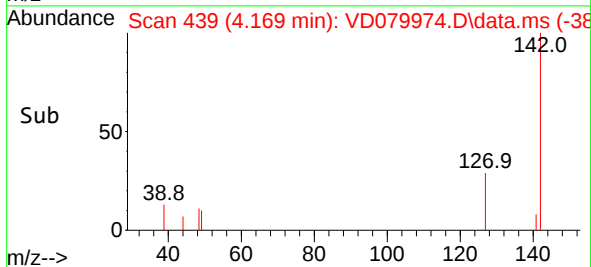
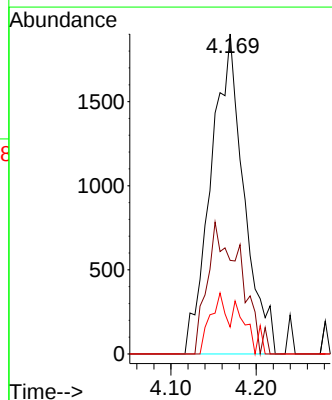
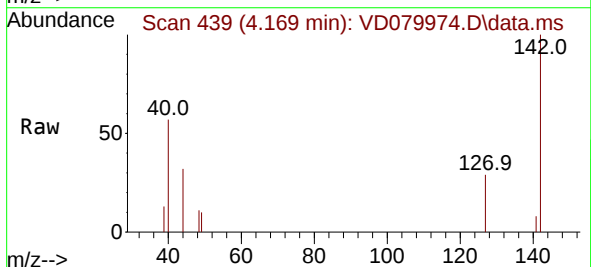
Instrument :
MSVOA_D
ClientSampleId :

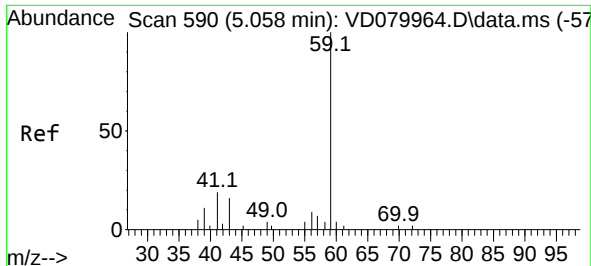
Tgt Ion:101 Resp: 5000
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 34.5 60.3 90.5#



#10
Methyl Iodide
Concen: 2.992 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

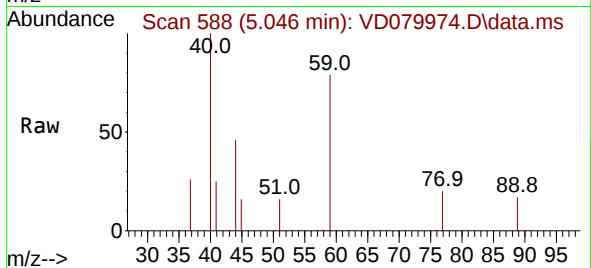
Tgt Ion:142 Resp: 5100
Ion Ratio Lower Upper
142 100
127 41.4 35.3 52.9
141 9.6 12.2 18.2#



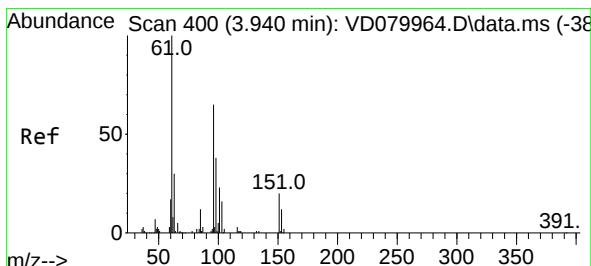
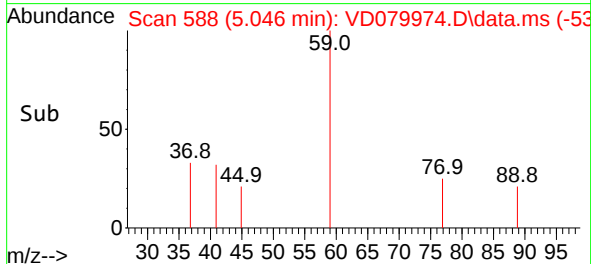
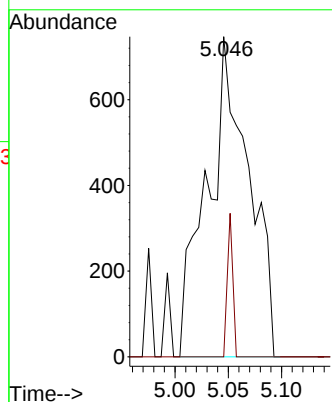


#11
Tert butyl alcohol
Concen: 20.331 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument :
MSVOA_D
ClientSampleId :

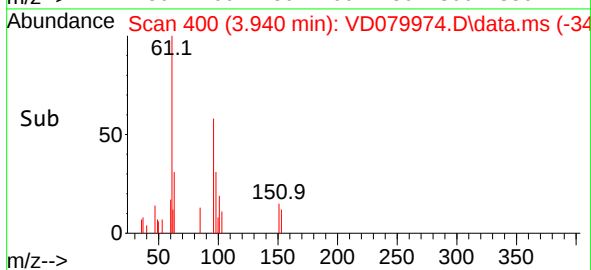
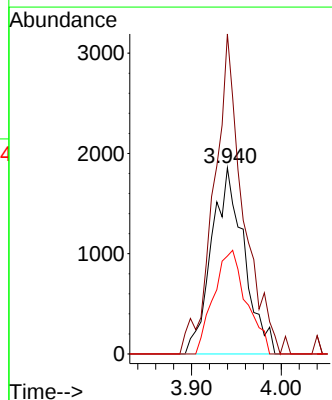
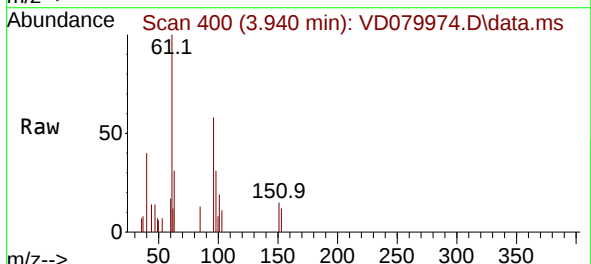


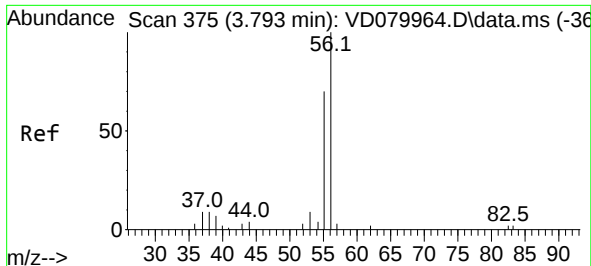
Tgt Ion: 59 Resp: 2036
Ion Ratio Lower Upper
59 100
57 5.8 4.8 7.2



#12
1,1-Dichloroethene
Concen: 3.020 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 96 Resp: 4670
Ion Ratio Lower Upper
96 100
61 172.0 122.6 184.0
98 52.6 47.1 70.7

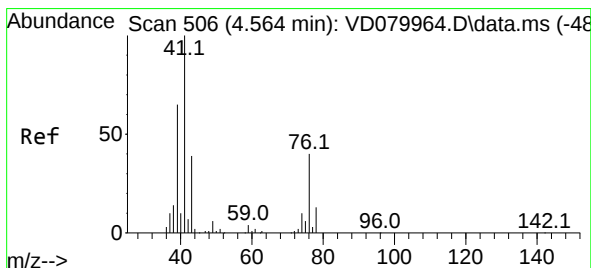
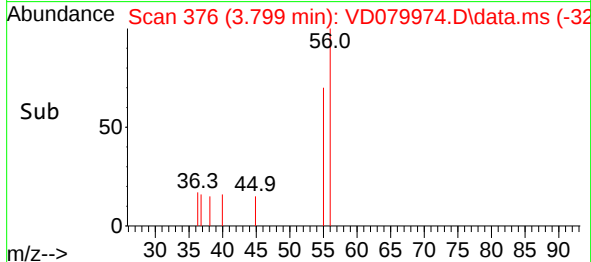
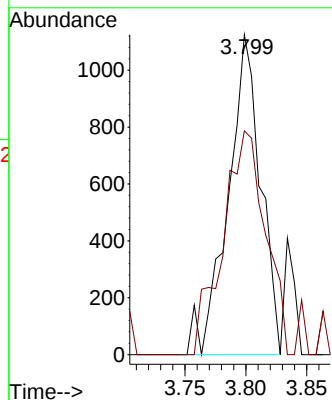
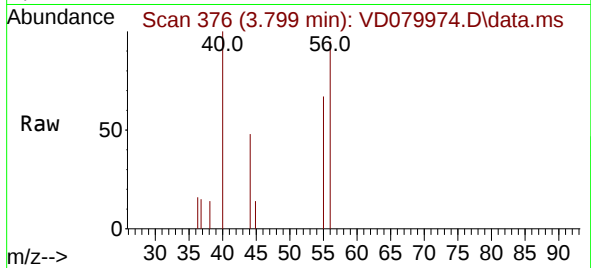




#13
Acrolein
Concen: 19.512 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

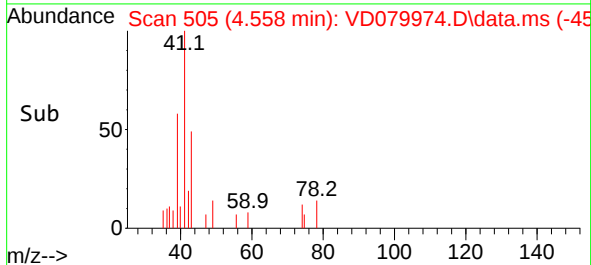
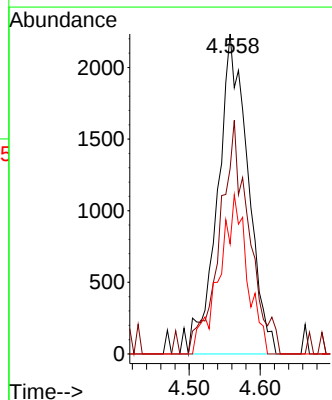
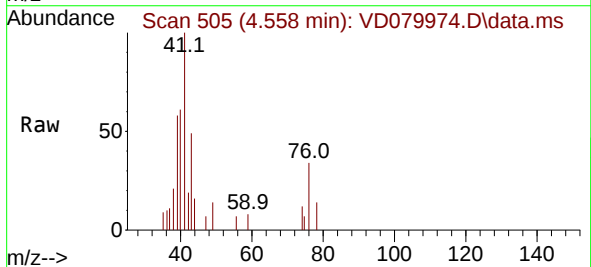
Instrument :
MSVOA_D
ClientSampleId :

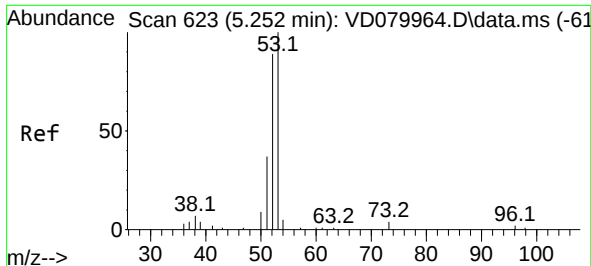
Tgt Ion: 56 Resp: 2095
Ion Ratio Lower Upper
56 100
55 91.5 58.2 87.2#



#14
Allyl chloride
Concen: 2.908 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 41 Resp: 6680
Ion Ratio Lower Upper
41 100
39 70.9 53.3 79.9
76 46.1 32.0 48.0

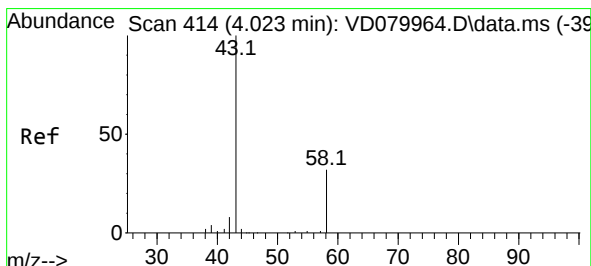
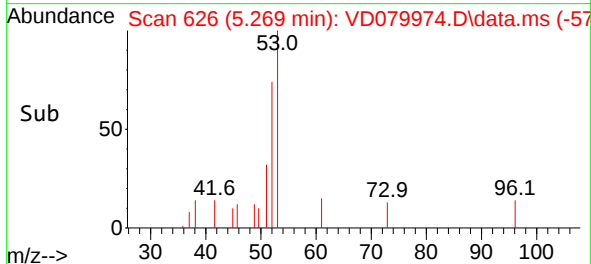
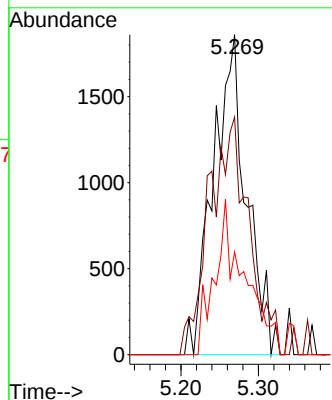
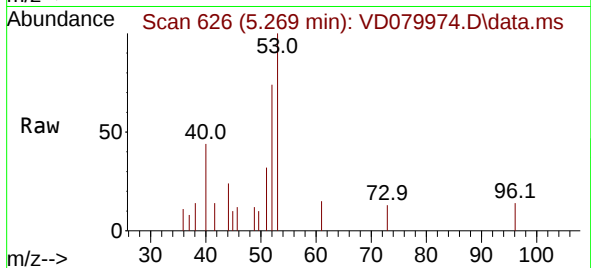




#15
Acrylonitrile
Concen: 14.935 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.017 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

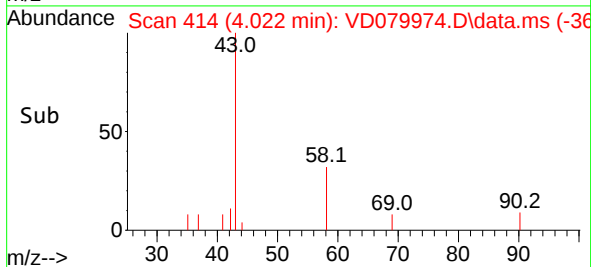
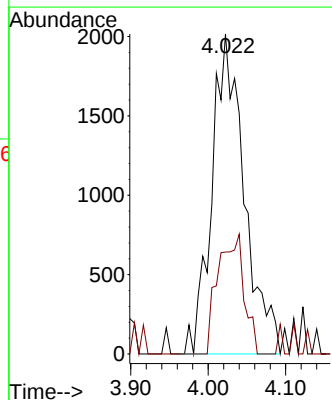
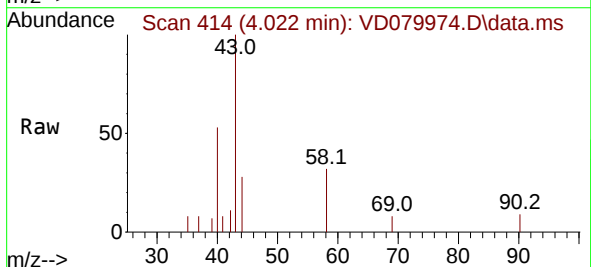
Instrument :
MSVOA_D
ClientSampleId :

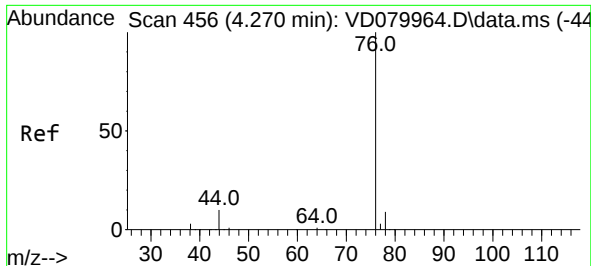
Tgt Ion: 53 Resp: 5548
Ion Ratio Lower Upper
53 100
52 60.7 66.2 99.4#
51 43.6 30.3 45.5



#16
Acetone
Concen: 13.837 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 43 Resp: 5872
Ion Ratio Lower Upper
43 100
58 31.8 25.4 38.2

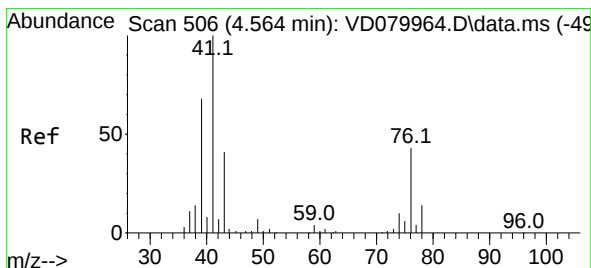
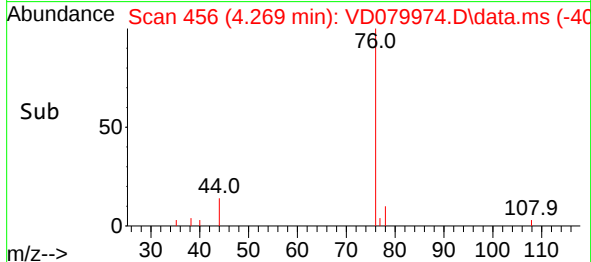
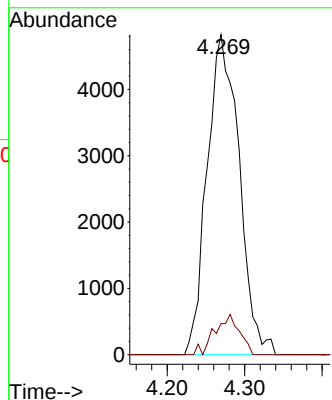
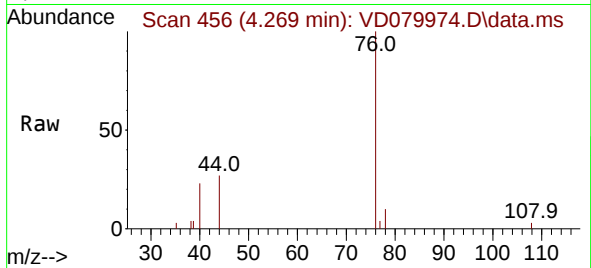




#17
Carbon Disulfide
Concen: 3.221 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

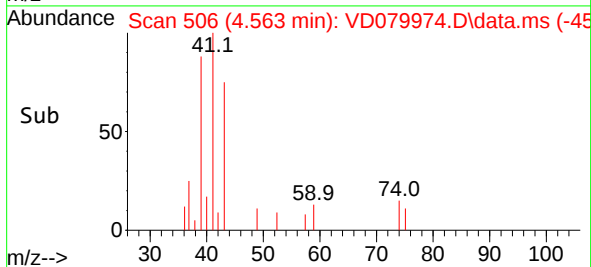
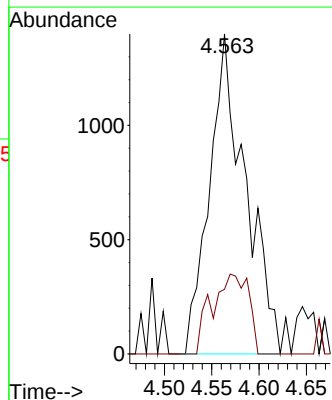
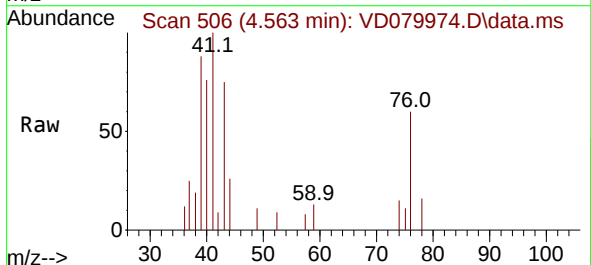
Instrument :
MSVOA_D
ClientSampleId :

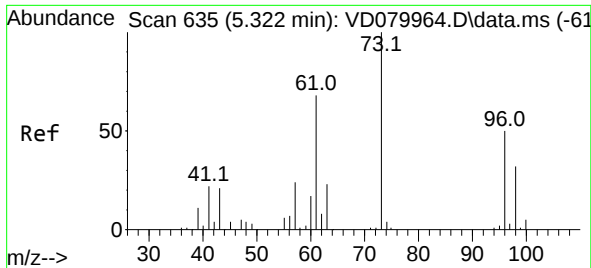
Tgt Ion: 76 Resp: 13886
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 4.082 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 43 Resp: 3719
Ion Ratio Lower Upper
43 100
74 25.2 20.5 30.7

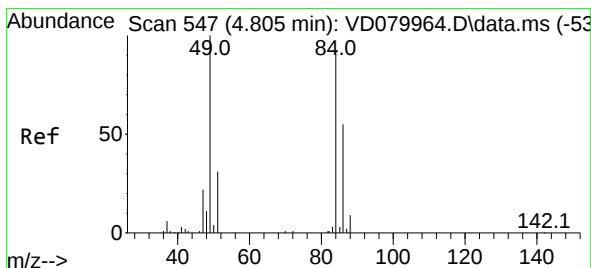
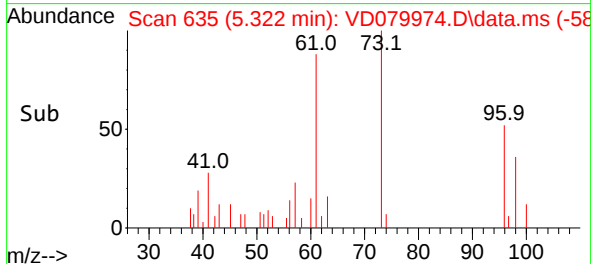
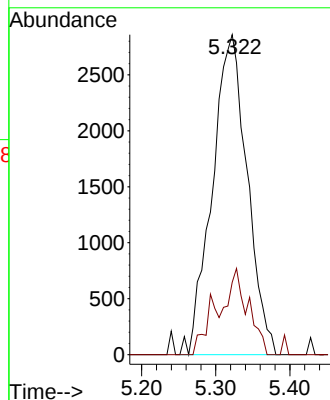
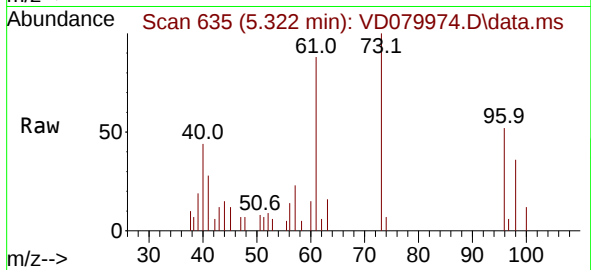




#19
Methyl tert-butyl Ether
Concen: 2.625 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

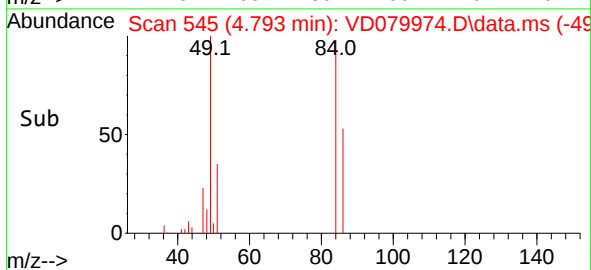
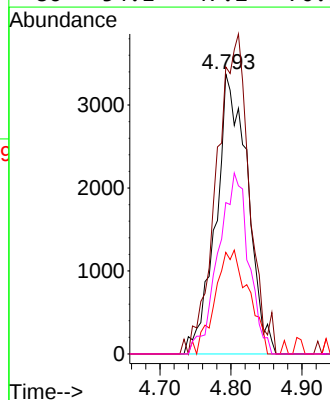
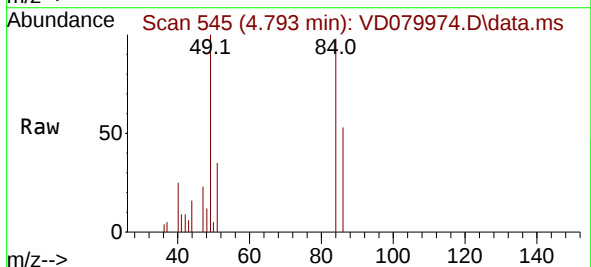
Instrument :
MSVOA_D
ClientSampleId :

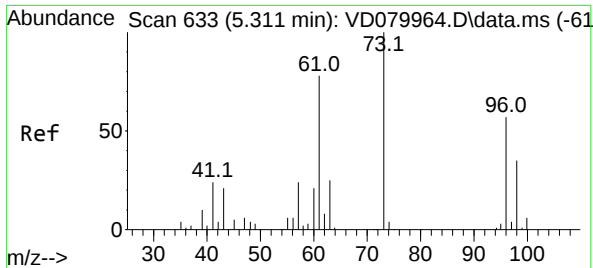
Tgt Ion: 73 Resp: 9377
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2



#20
Methylene Chloride
Concen: 5.022 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

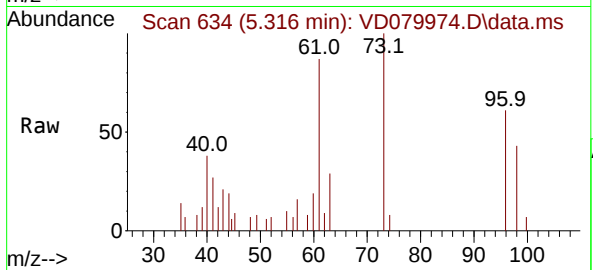
Tgt Ion: 84 Resp: 10468
Ion Ratio Lower Upper
84 100
49 102.5 86.5 129.7
51 36.3 26.9 40.3
86 54.1 47.2 70.8





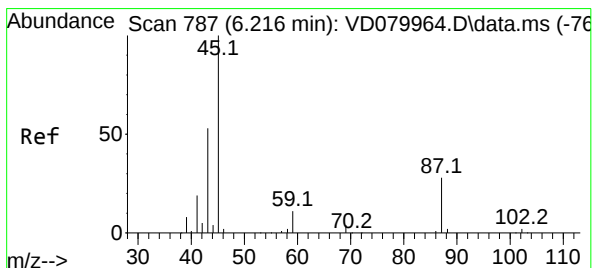
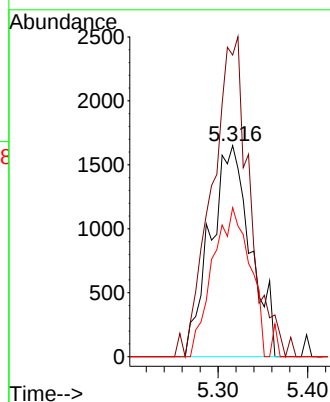
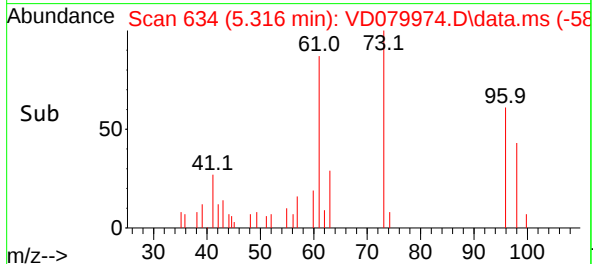
#21
trans-1,2-Dichloroethene
Concen: 3.079 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 5112

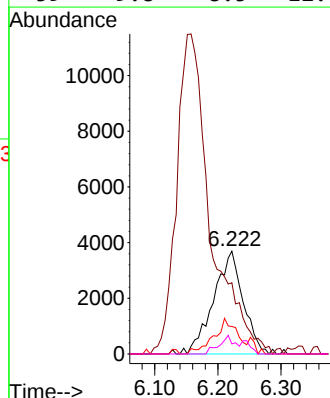
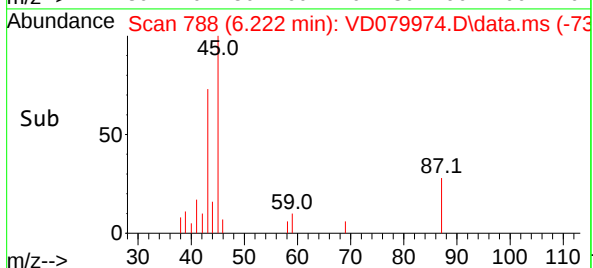
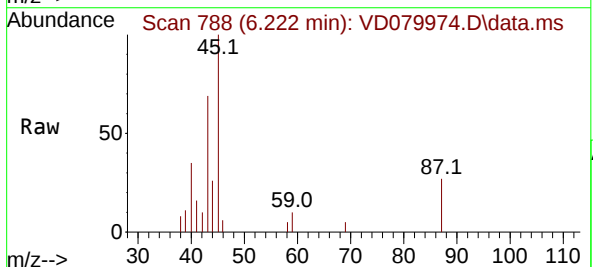
Ion	Ratio	Lower	Upper
96	100		
61	132.7	109.4	164.0
98	70.6	49.8	74.8

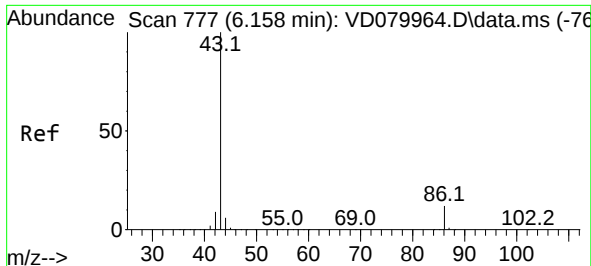


#22
Diisopropyl ether
Concen: 2.420 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 45 Resp: 12053

Ion	Ratio	Lower	Upper
45	100		
43	63.9	42.6	63.8
87	26.8	22.7	34.1
59	9.8	8.5	12.7

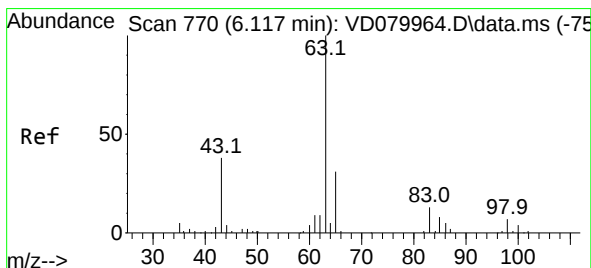
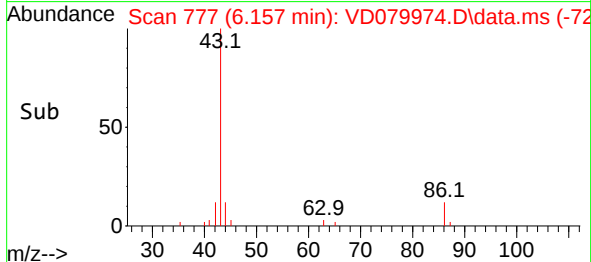
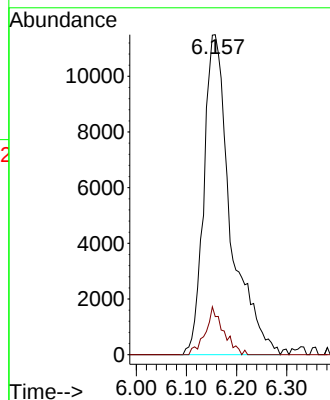
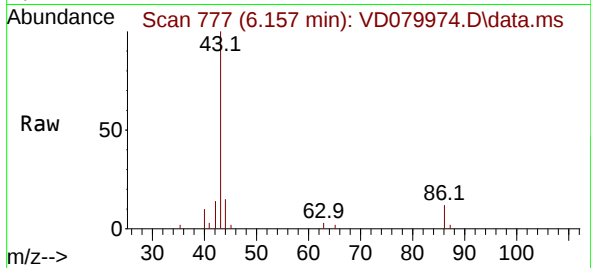




#23
 Vinyl Acetate
 Concen: 15.247 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54

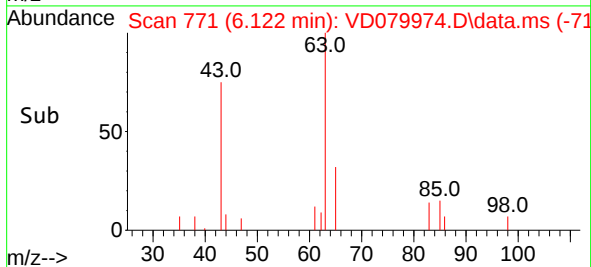
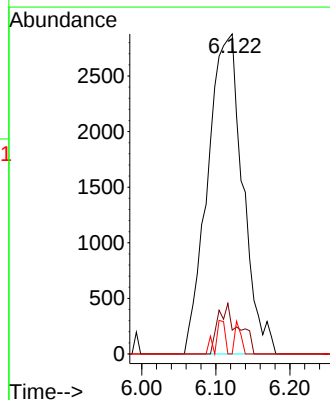
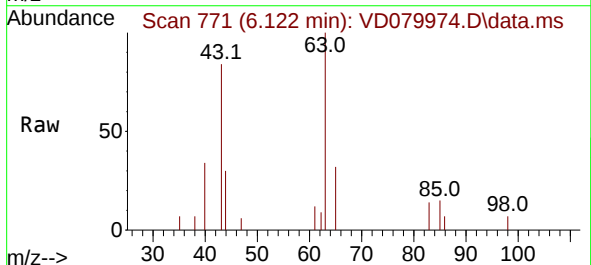
Instrument :
 MSVOA_D
 ClientSampleId :

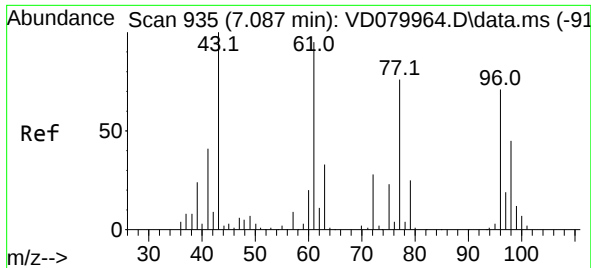
Tgt Ion: 43 Resp: 42676
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 2.886 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54

Tgt Ion: 63 Resp: 9472
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 0.0 2.1 6.5#

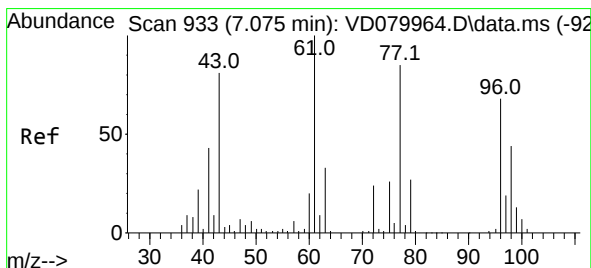
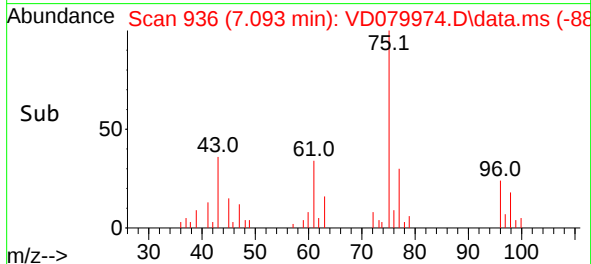
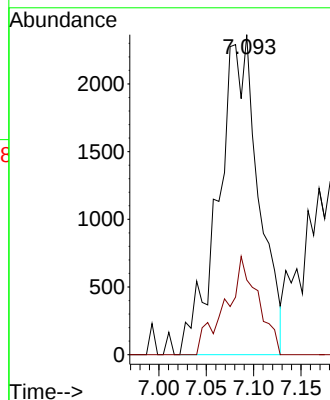
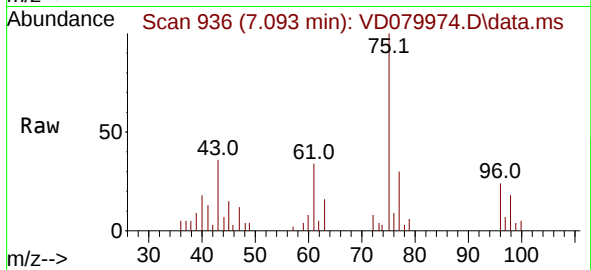




#25
2-Butanone
Concen: 13.432 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

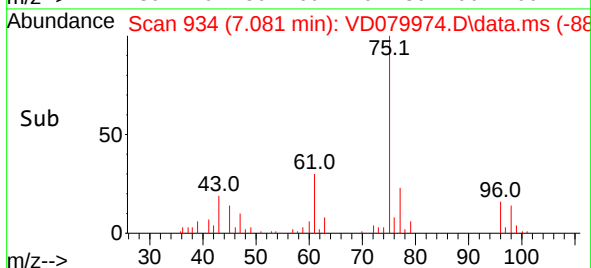
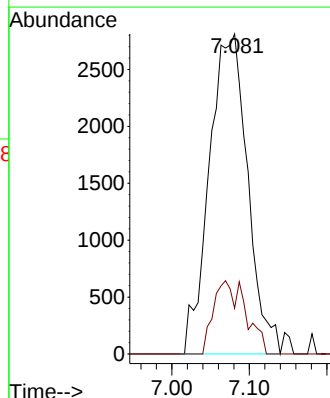
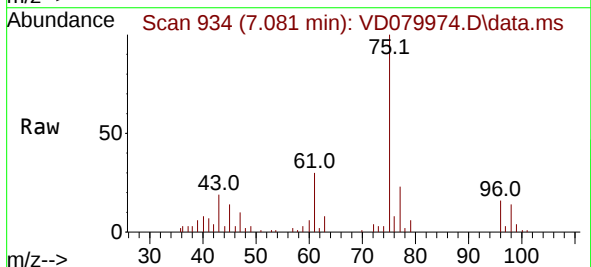
Instrument :
MSVOA_D
ClientSampleId :

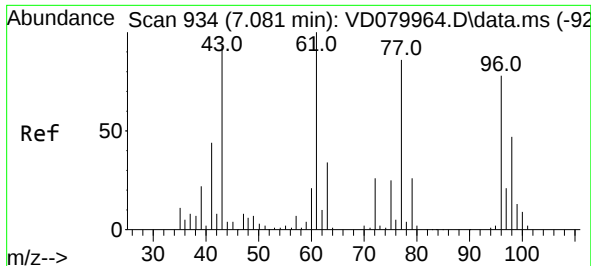
Tgt Ion: 43 Resp: 6941
Ion Ratio Lower Upper
43 100
72 23.4 22.3 33.5



#26
2,2-Dichloropropane
Concen: 3.398 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 77 Resp: 9650
Ion Ratio Lower Upper
77 100
97 19.4 11.9 35.9



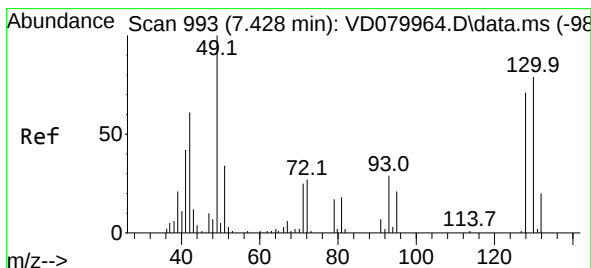
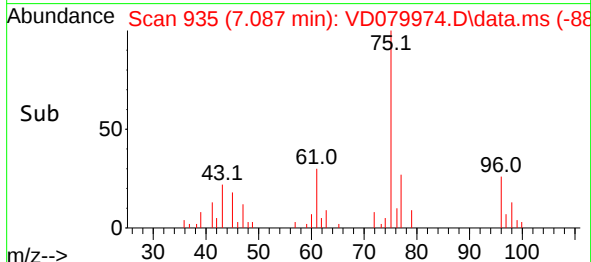
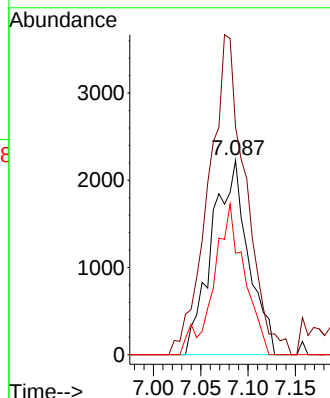
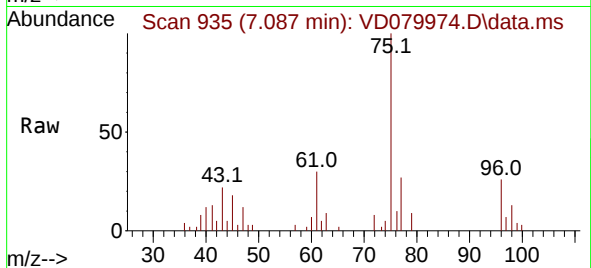


#27
 cis-1,2-Dichloroethene
 Concen: 2.888 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 5963

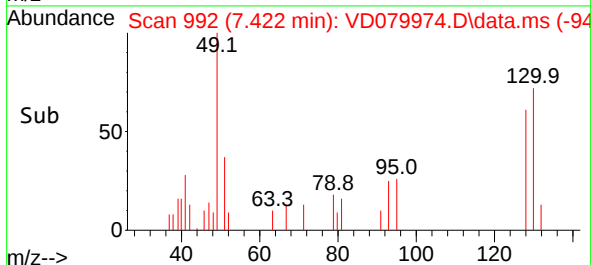
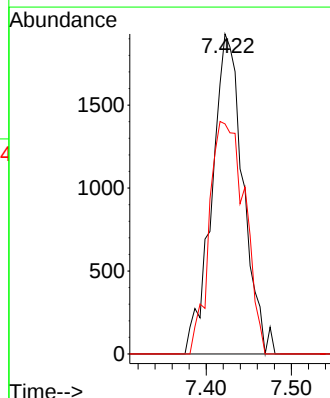
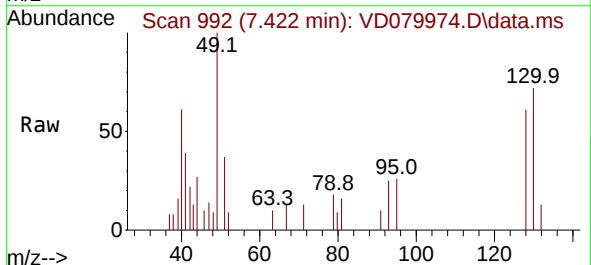
Ion	Ratio	Lower	Upper
96	100		
61	167.3	0.0	278.2
98	65.4	0.0	127.8

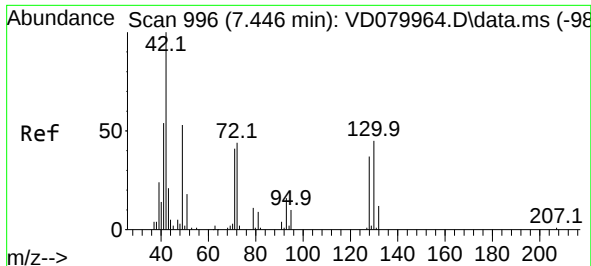


#28
 Bromochloromethane
 Concen: 3.502 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD079974.D
 Acq: 14 Oct 2024 12:54

Tgt Ion: 49 Resp: 4905

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	82.4	64.6	97.0





#29

Tetrahydrofuran

Concen: 14.484 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

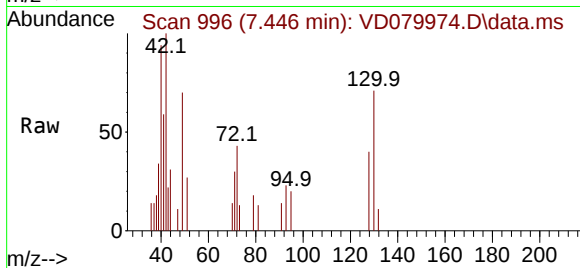
Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

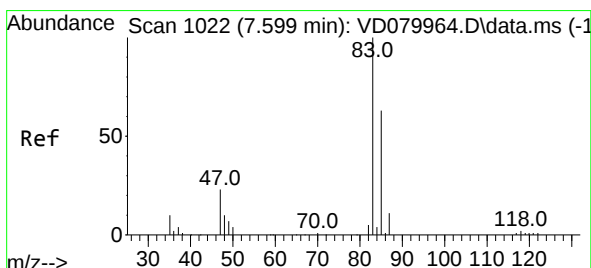
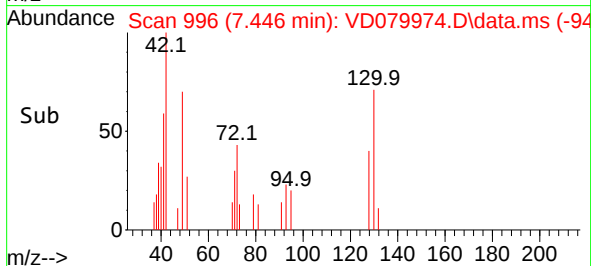
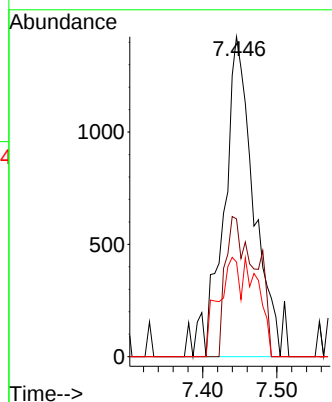
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	4003
Ion	Ratio	Lower	Upper
42	100		
72	43.8	36.7	55.1
71	22.3	34.4	51.6



#30

Chloroform

Concen: 2.799 ug/l

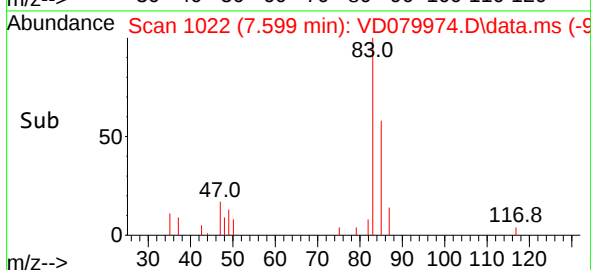
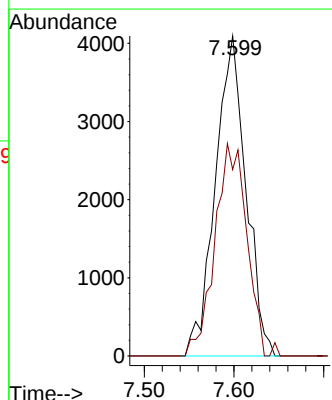
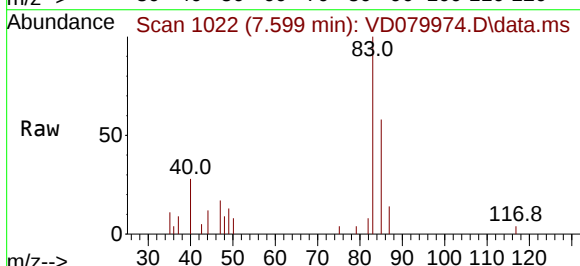
RT: 7.599 min Scan# 1022

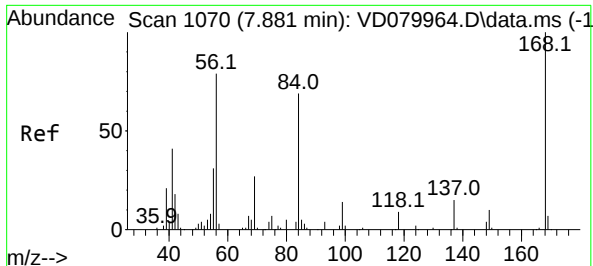
Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Tgt Ion:	83	Resp:	9729
Ion	Ratio	Lower	Upper
83	100		
85	58.2	50.8	76.2





#31

Cyclohexane

Concen: 3.900 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

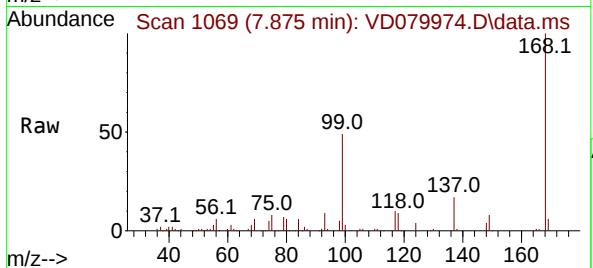
Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

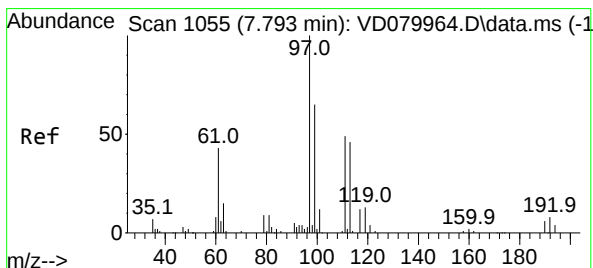
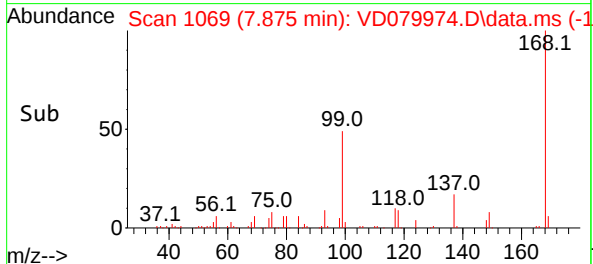
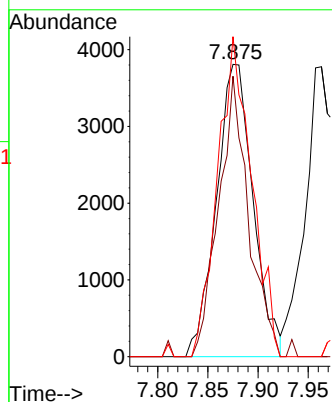
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	9702
Ion Ratio	Lower	Upper	
56	100		
69	95.9	27.3	40.9#
84	109.5	70.2	105.4#



#32

1,1,1-Trichloroethane

Concen: 3.066 ug/l

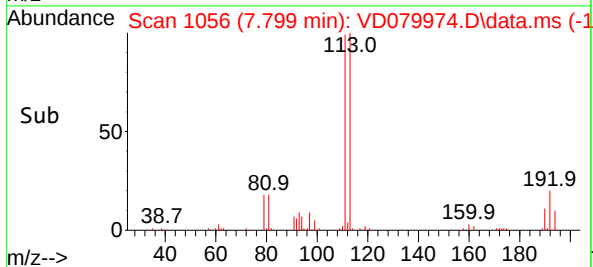
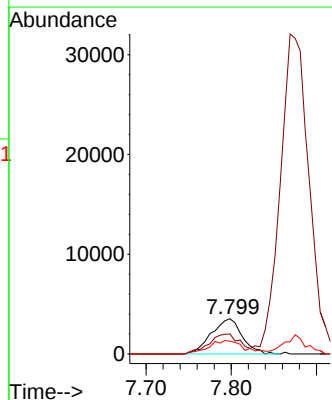
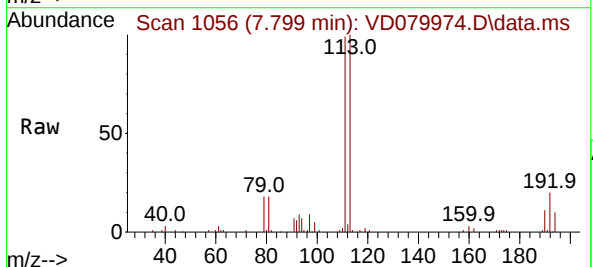
RT: 7.799 min Scan# 1056

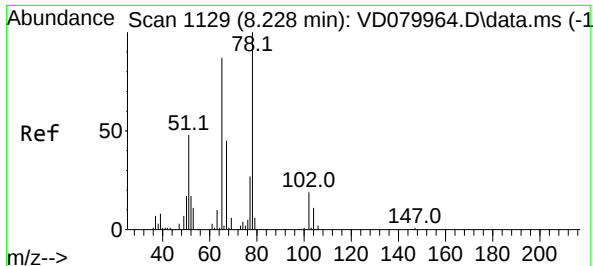
Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Tgt Ion:	97	Resp:	8829
Ion Ratio	Lower	Upper	
97	100		
99	57.8	50.7	76.1
61	44.0	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 54.732 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

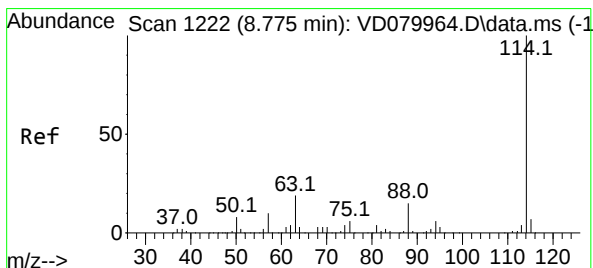
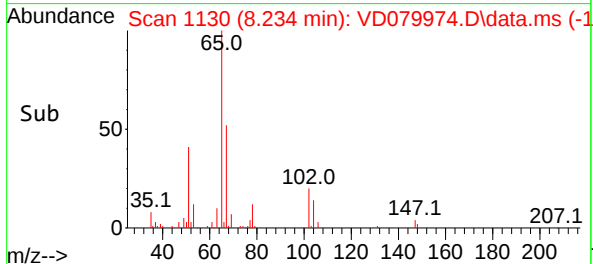
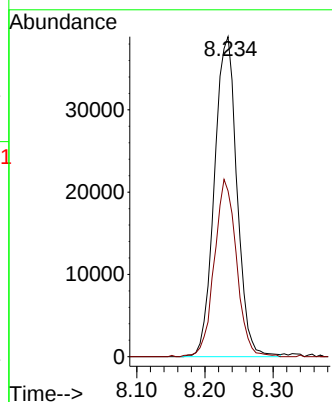
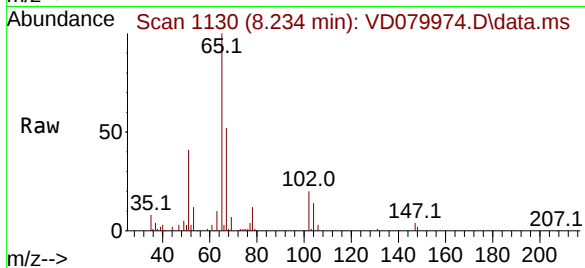
ClientSampleId :

Tgt Ion: 65 Resp: 89610

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

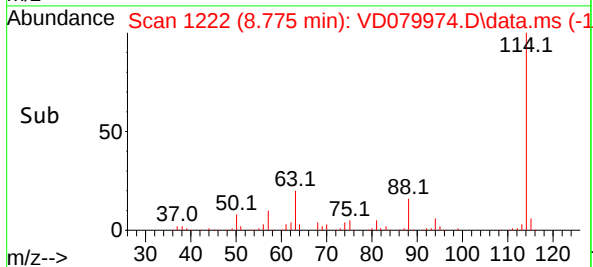
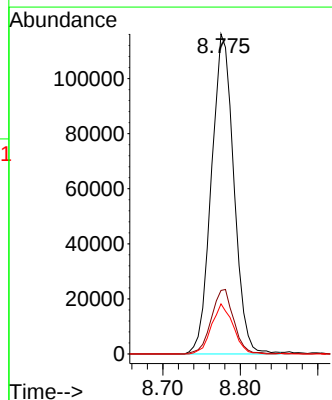
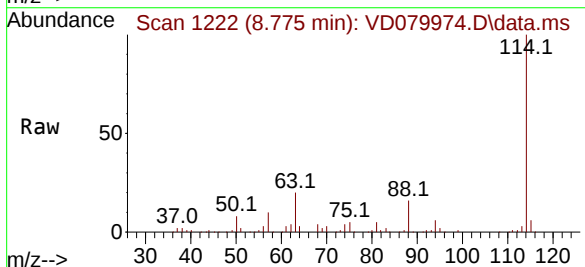
Tgt Ion: 114 Resp: 233928

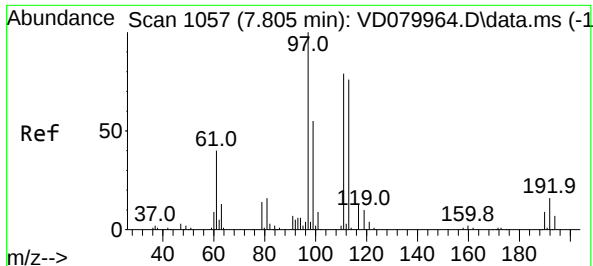
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.183 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

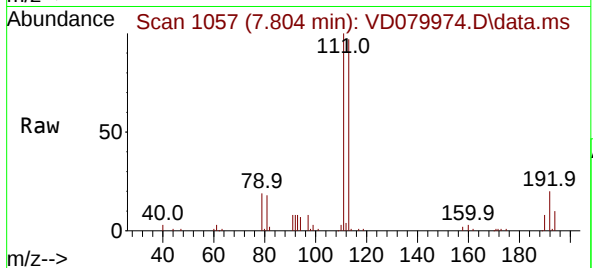
Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :



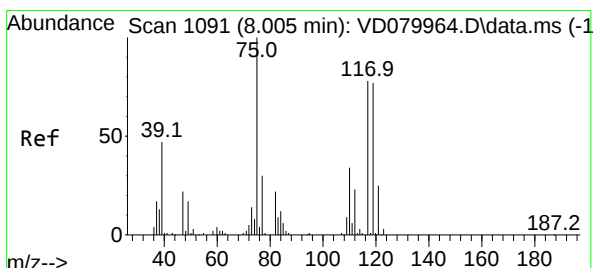
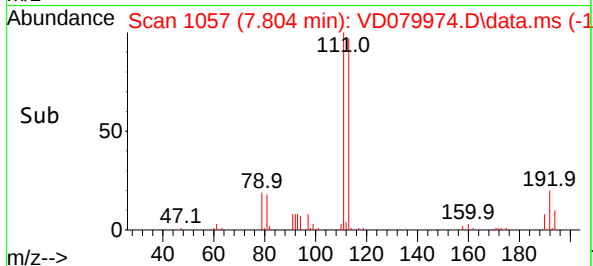
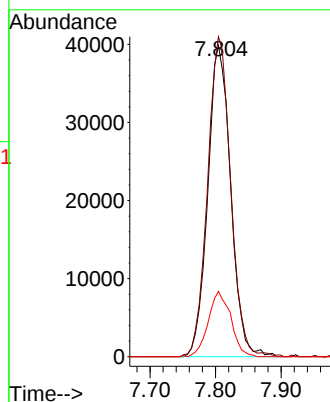
Tgt Ion:113 Resp: 96549

Ion Ratio Lower Upper

113 100

111 104.0 82.5 123.7

192 20.7 16.6 25.0



#36

1,1-Dichloropropene

Concen: 3.077 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

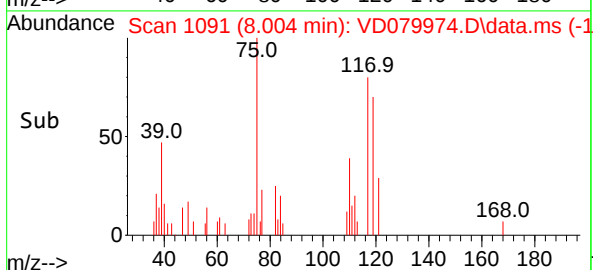
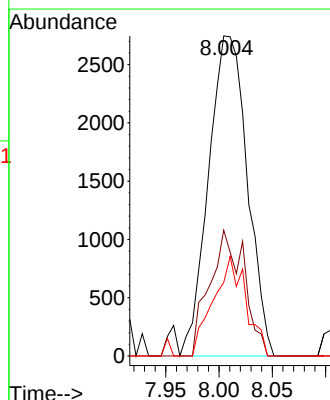
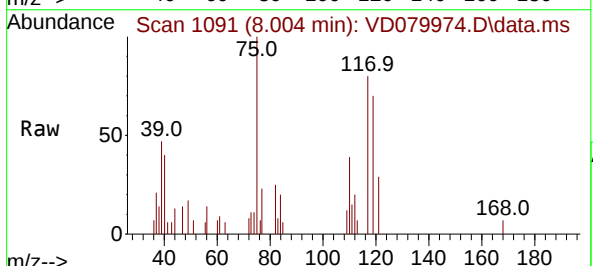
Tgt Ion: 75 Resp: 6964

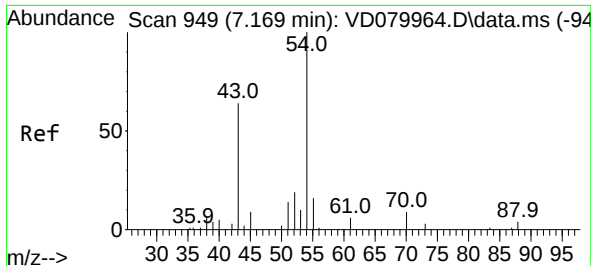
Ion Ratio Lower Upper

75 100

110 34.9 18.4 55.0

77 26.1 25.6 38.4





#37

Ethyl Acetate

Concen: 3.376 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.012 min

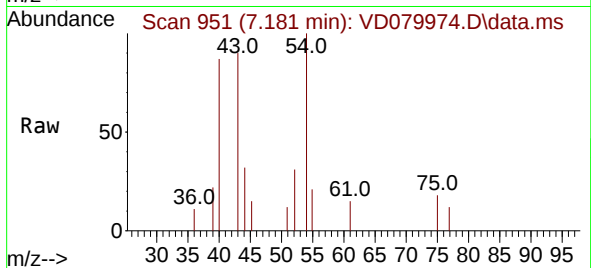
Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

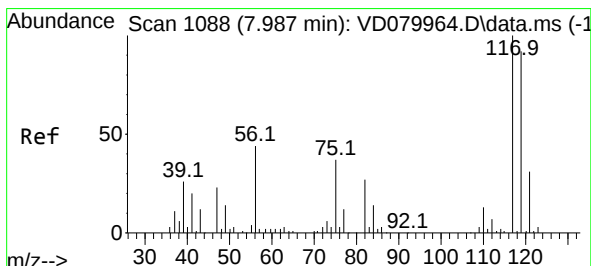
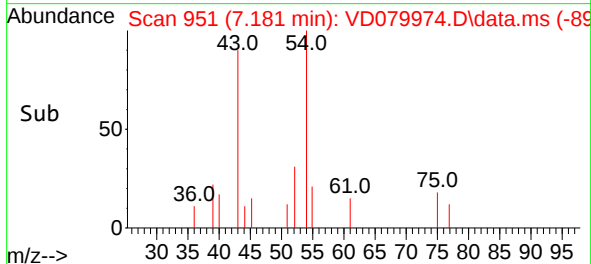
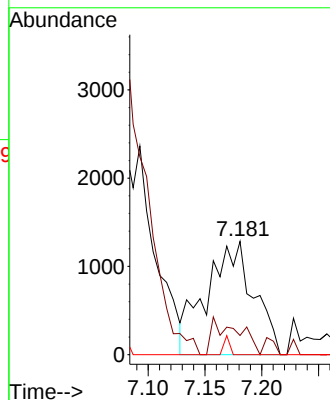
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 3699
Ion Ratio	Lower Upper
43	100
61	0.0 11.0 16.4#
70	2.1 9.4 14.2#



#38

Carbon Tetrachloride

Concen: 2.837 ug/l

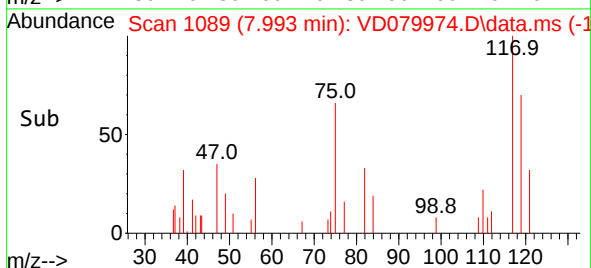
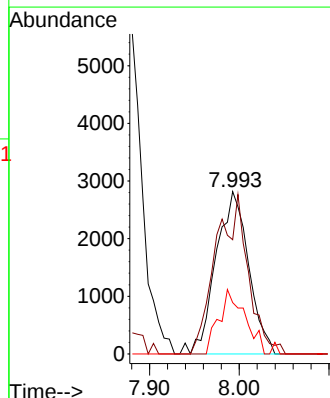
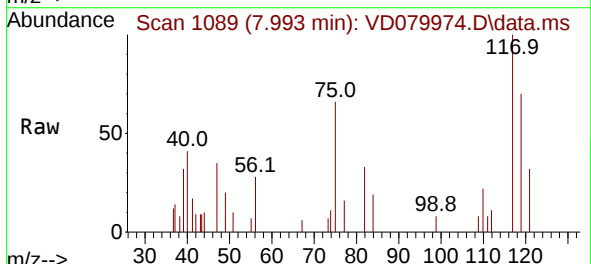
RT: 7.993 min Scan# 1089

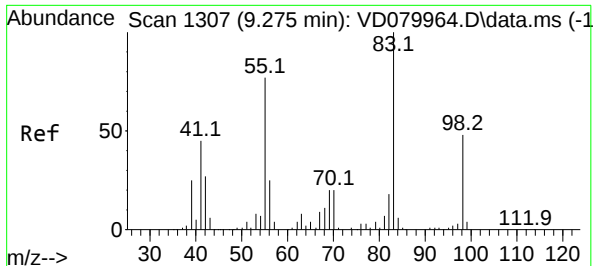
Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Tgt Ion: 117	Resp: 7133
Ion Ratio	Lower Upper
117	100
119	70.3 73.4 110.0#
121	31.6 24.5 36.7





#39

Methylcyclohexane

Concen: 2.858 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

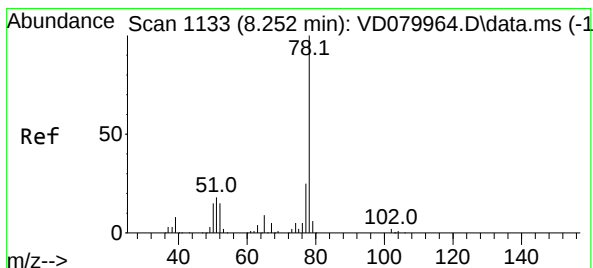
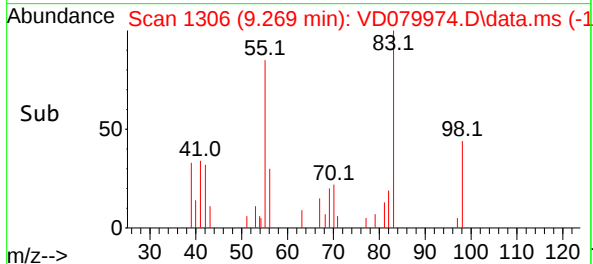
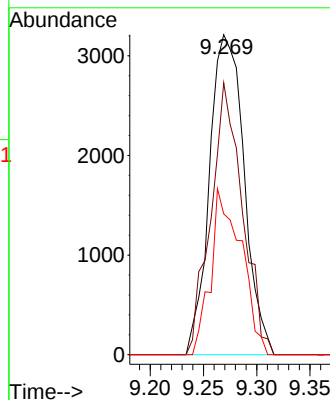
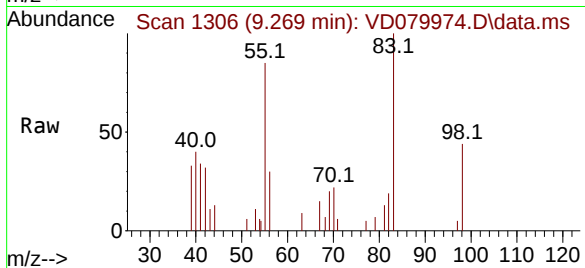
Tgt Ion: 83 Resp: 7258

Ion Ratio Lower Upper

83 100

55 84.9 62.0 93.0

98 44.0 38.7 58.1



#40

Benzene

Concen: 2.788 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079974.D

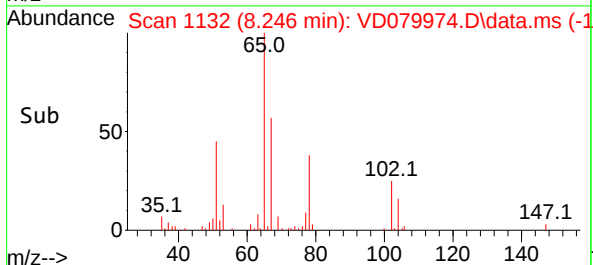
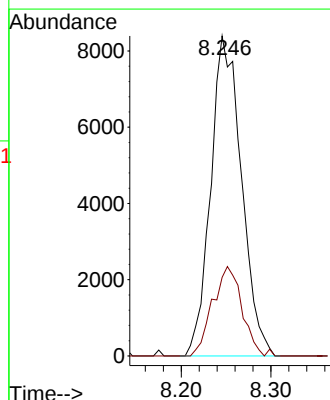
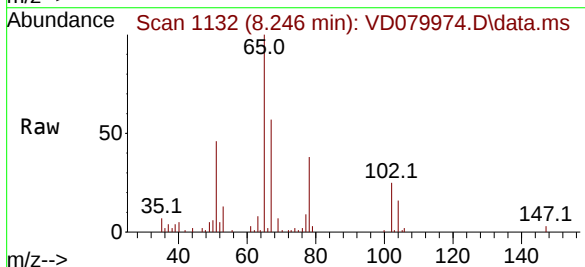
Acq: 14 Oct 2024 12:54

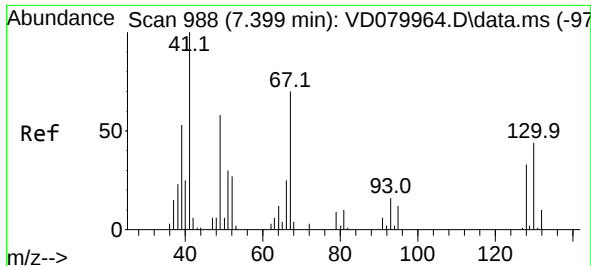
Tgt Ion: 78 Resp: 19948

Ion Ratio Lower Upper

78 100

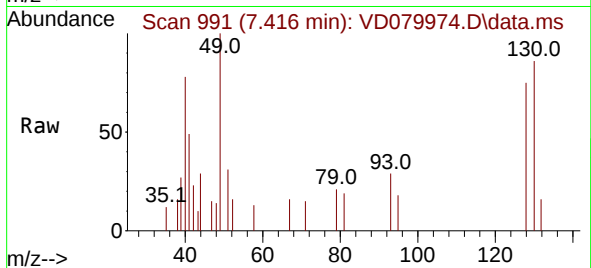
77 24.5 20.2 30.4



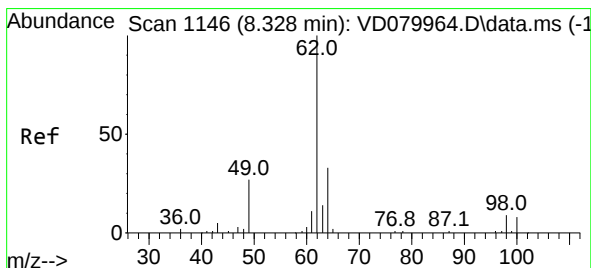
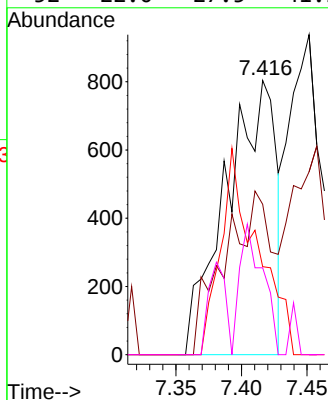
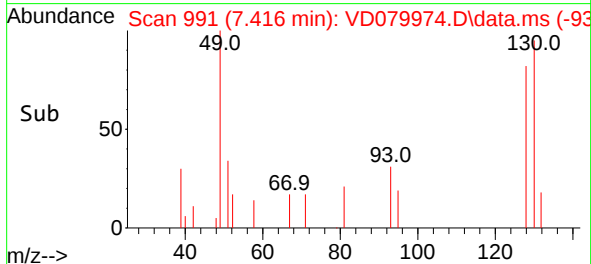


#41
Methacrylonitrile
Concen: 3.702 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.017 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Instrument :
MSVOA_D
ClientSampleId :

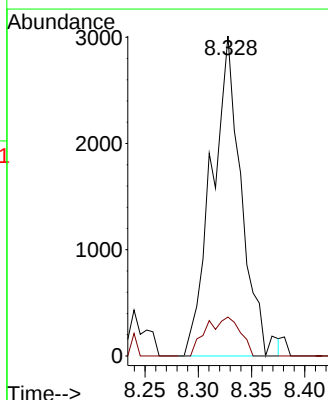
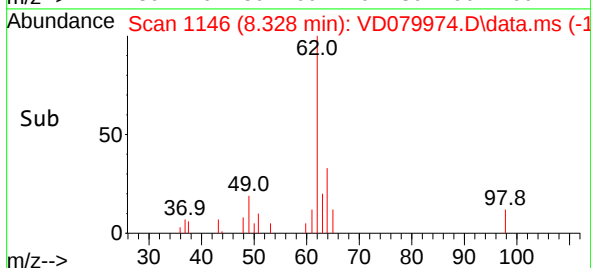
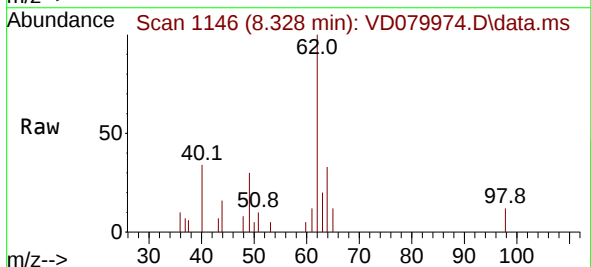


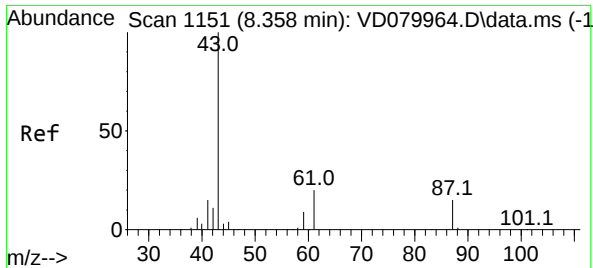
Tgt Ion:	41	Resp:	2130
Ion	Ratio	Lower	Upper
41	100		
39	57.5	47.8	71.8
67	0.0	64.9	97.3#
52	22.0	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 2.971 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:	62	Resp:	5846
Ion	Ratio	Lower	Upper
62	100		
98	14.0	0.0	19.8

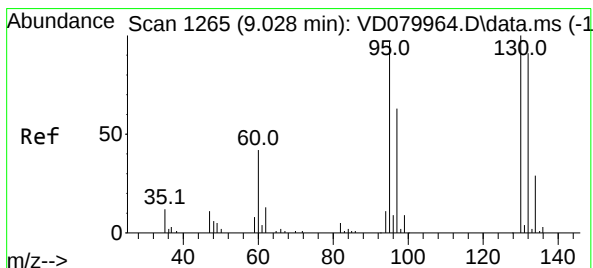
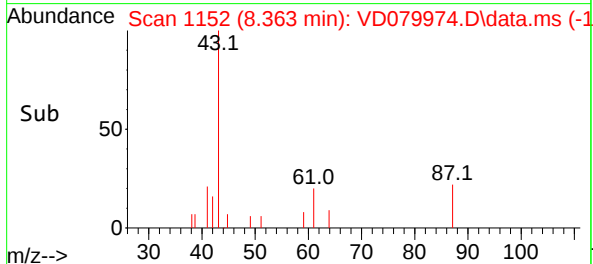
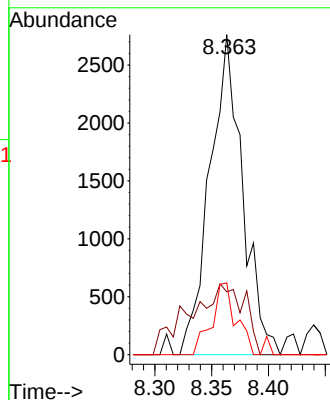
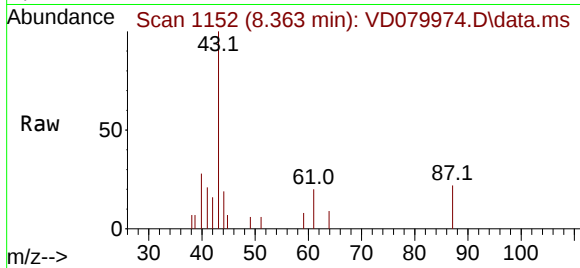




#43
Isopropyl Acetate
Concen: 2.740 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

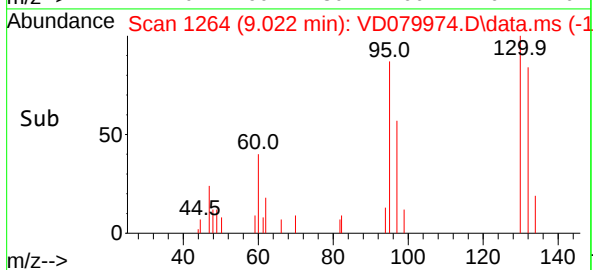
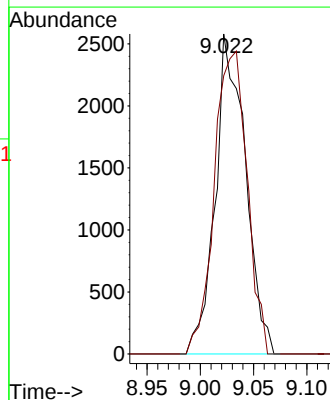
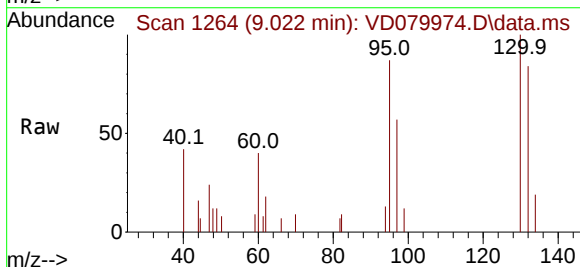
Instrument :
MSVOA_D
ClientSampleId :

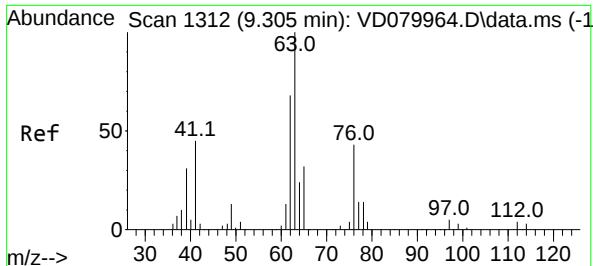
Tgt Ion:	43	Resp:	5531
Ion	Ratio	Lower	Upper
43	100		
61	37.1	26.2	39.2
87	16.8	11.8	17.8



#44
Trichloroethene
Concen: 2.862 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:	130	Resp:	5066
Ion	Ratio	Lower	Upper
130	100		
95	87.0	0.0	194.6





#45

1,2-Dichloropropane

Concen: 3.055 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

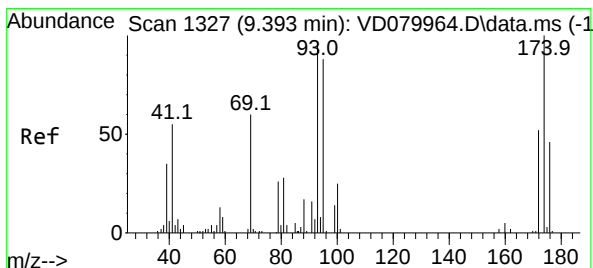
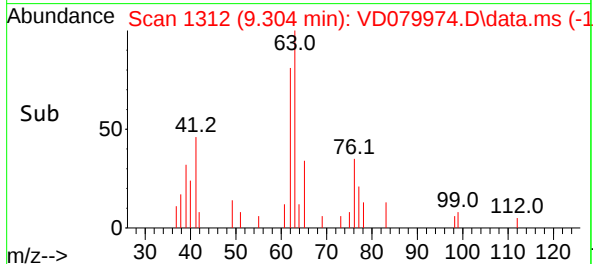
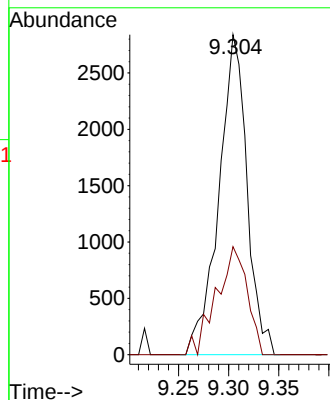
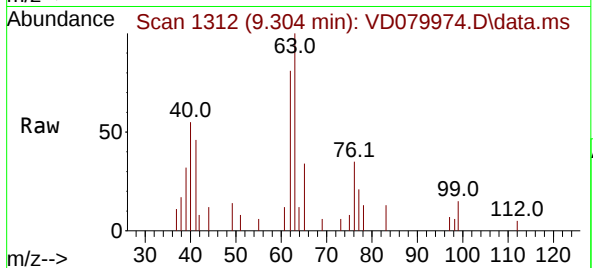
ClientSampleId :

Tgt Ion: 63 Resp: 5544

Ion Ratio Lower Upper

63 100

65 33.8 26.2 39.4



#46

Dibromomethane

Concen: 2.980 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

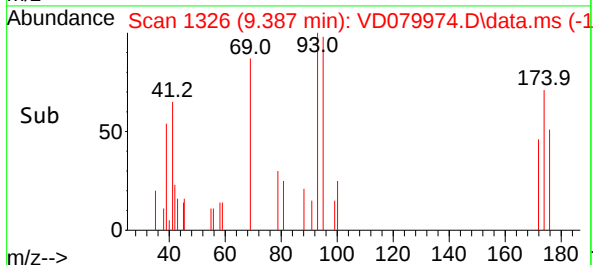
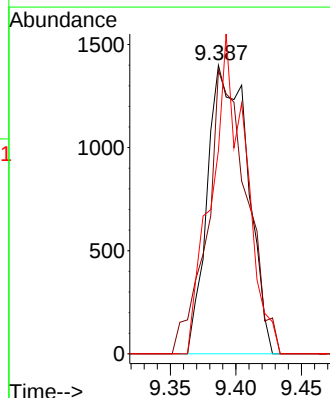
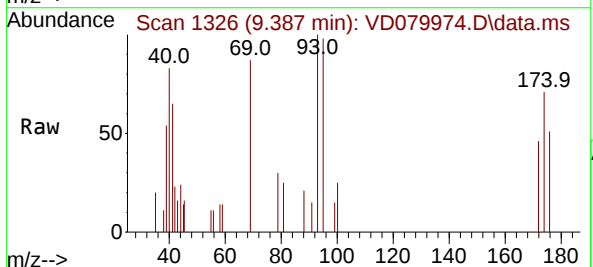
Tgt Ion: 93 Resp: 2984

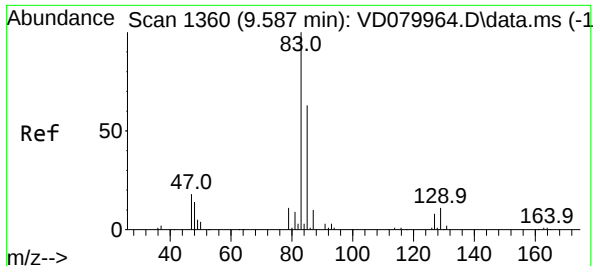
Ion Ratio Lower Upper

93 100

95 96.6 67.9 101.9

174 94.7 80.5 120.7





#47

Bromodichloromethane

Concen: 2.838 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD079974.D

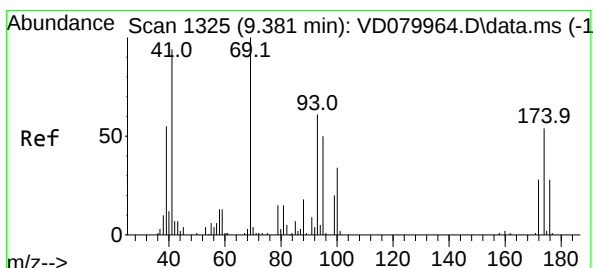
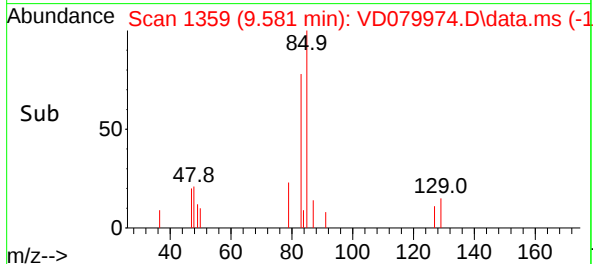
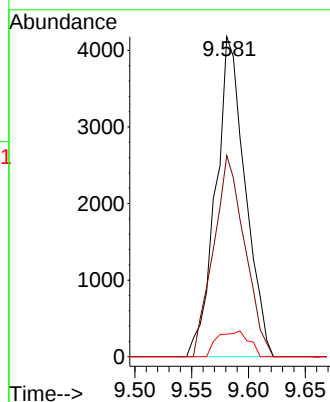
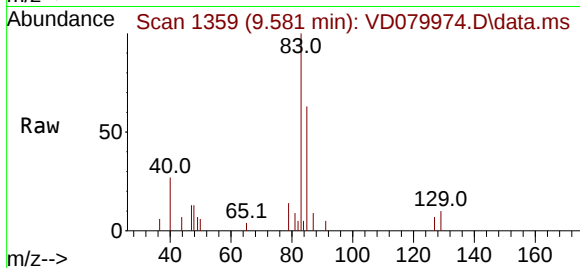
Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp:	7536
Ion	Ratio	Lower Upper
83	100	
85	62.9	50.6 75.8
127	7.1	6.1 9.1



#48

Methyl methacrylate

Concen: 2.574 ug/l

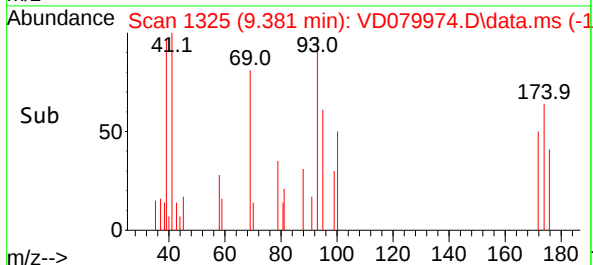
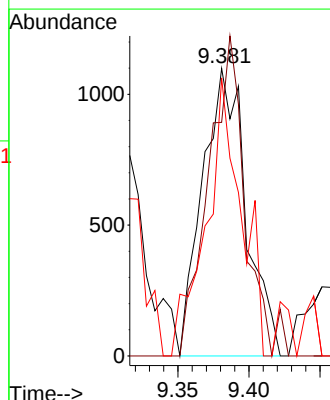
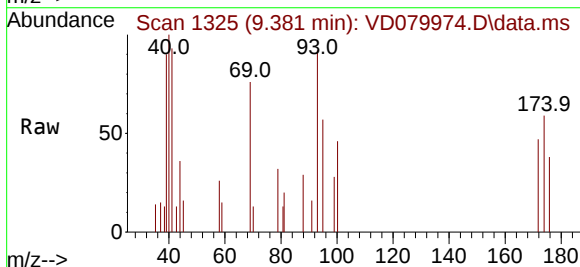
RT: 9.381 min Scan# 1325

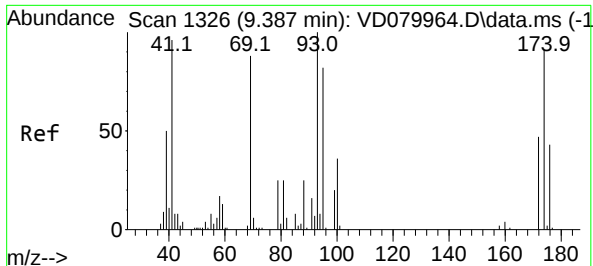
Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Tgt Ion: 41	Resp:	2340
Ion	Ratio	Lower Upper
41	100	
69	93.6	74.0 111.0
39	78.6	41.9 62.9





#49

1,4-Dioxane

Concen: 54.718 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

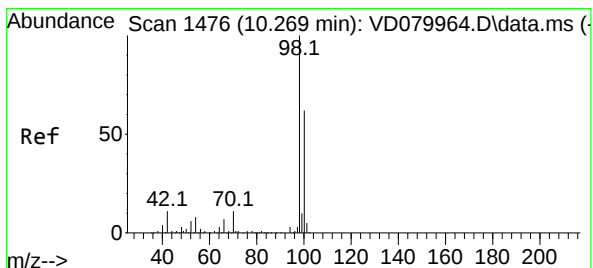
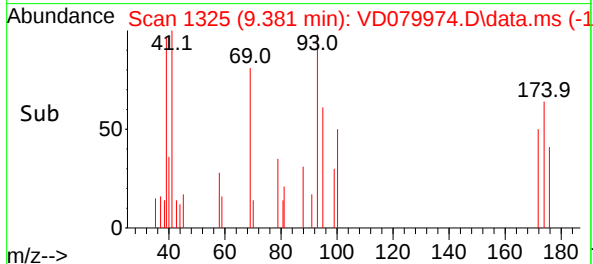
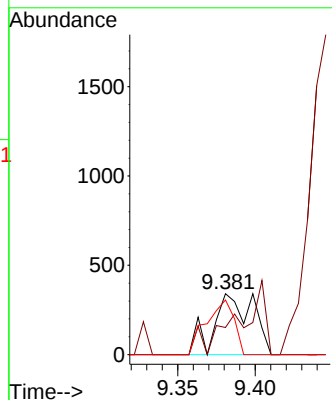
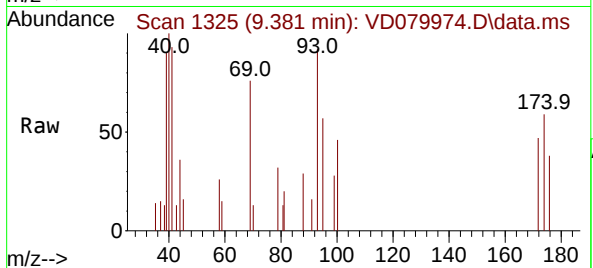
Tgt Ion: 88 Resp: 602

Ion Ratio Lower Upper

88 100

43 0.0 29.1 43.7#

58 64.0 59.9 89.9



#50

Toluene-d8

Concen: 50.287 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079974.D

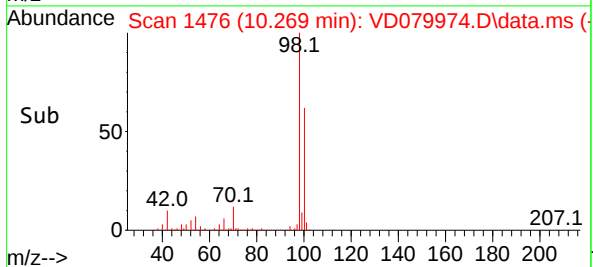
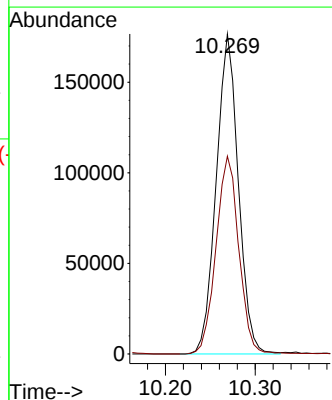
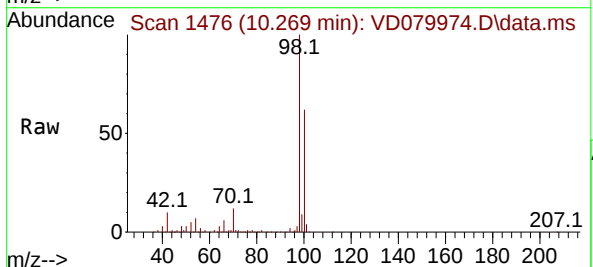
Acq: 14 Oct 2024 12:54

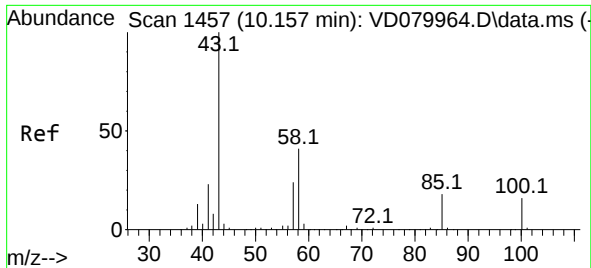
Tgt Ion: 98 Resp: 302563

Ion Ratio Lower Upper

98 100

100 63.8 50.2 75.4





#51

4-Methyl-2-Pentanone

Concen: 12.051 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

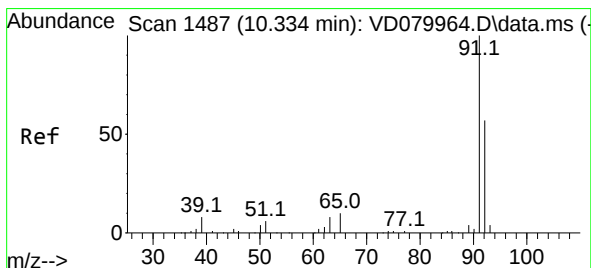
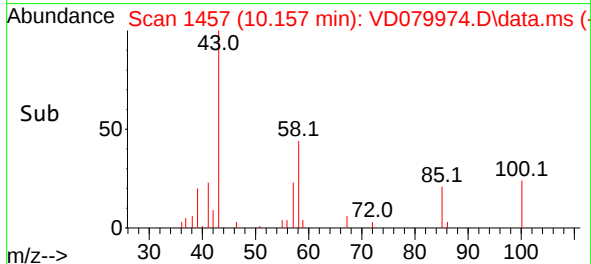
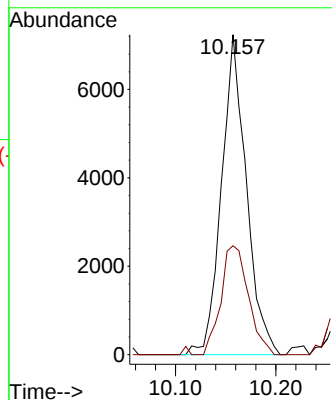
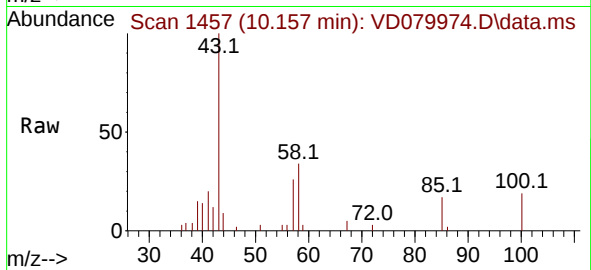
ClientSampleId :

Tgt Ion: 43 Resp: 12444

Ion Ratio Lower Upper

43 100

58 37.8 32.8 49.2



#52

Toluene

Concen: 2.897 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079974.D

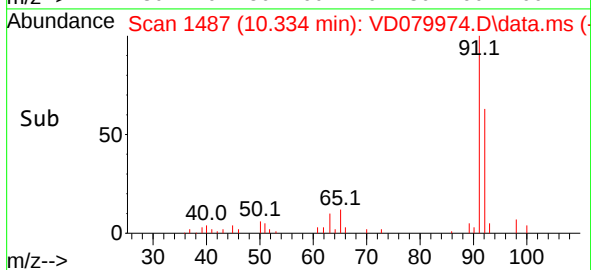
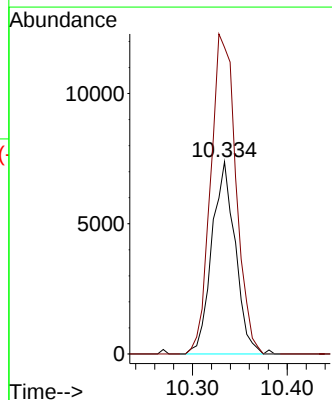
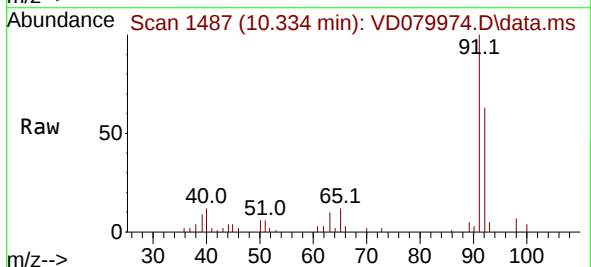
Acq: 14 Oct 2024 12:54

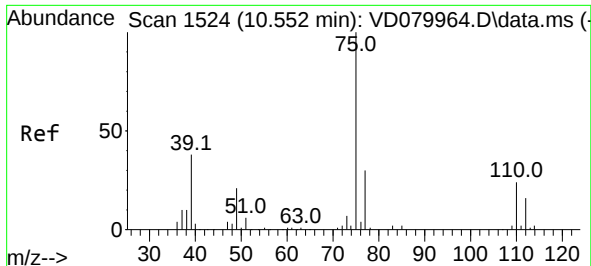
Tgt Ion: 92 Resp: 12694

Ion Ratio Lower Upper

92 100

91 179.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 2.577 ug/l

RT: 10.551 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

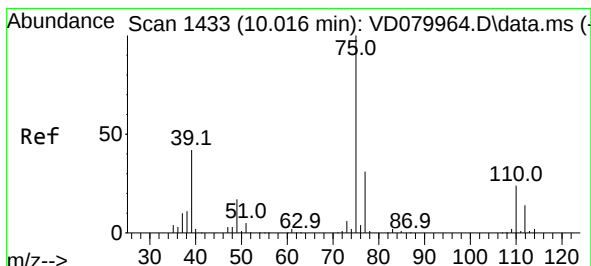
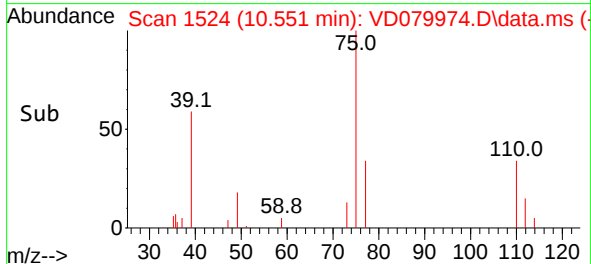
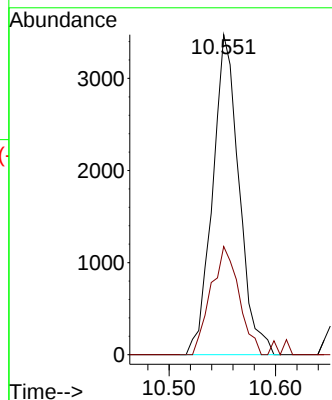
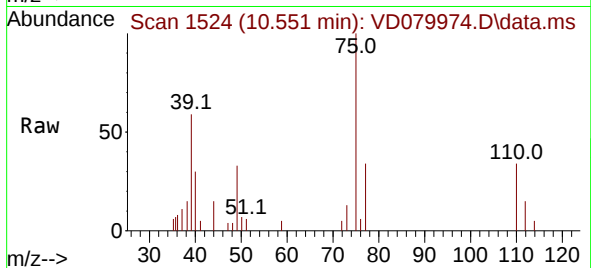
ClientSampleId :

Tgt Ion: 75 Resp: 5993

Ion Ratio Lower Upper

75 100

77 33.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 2.601 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

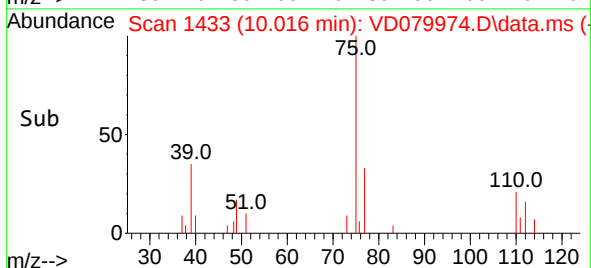
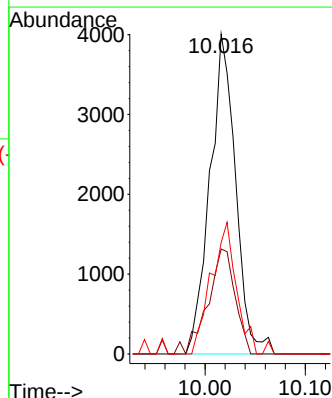
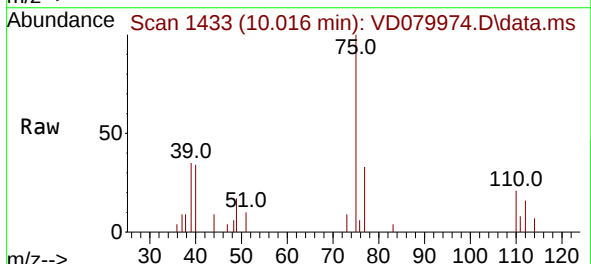
Tgt Ion: 75 Resp: 7137

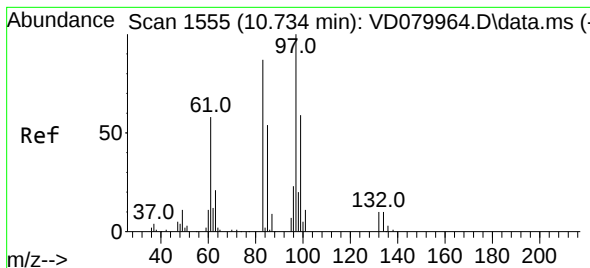
Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.4

39 34.8 33.2 49.8

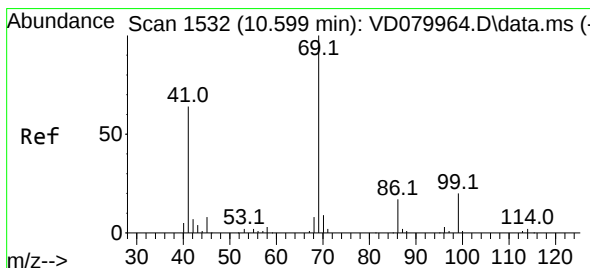
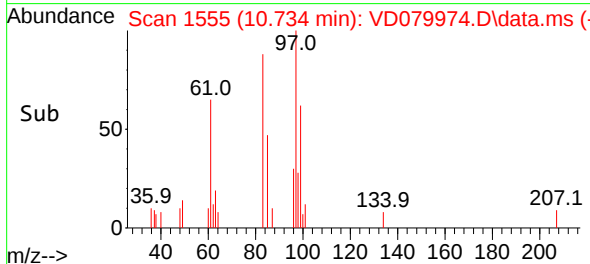
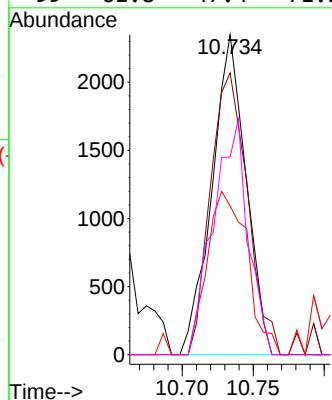
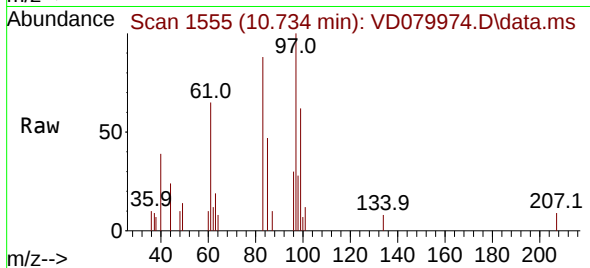




#55
1,1,2-Trichloroethane
Concen: 2.779 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

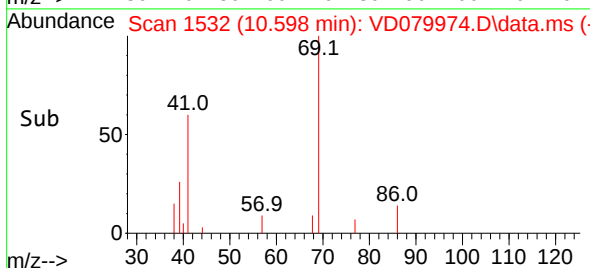
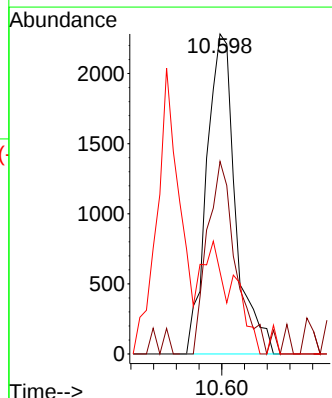
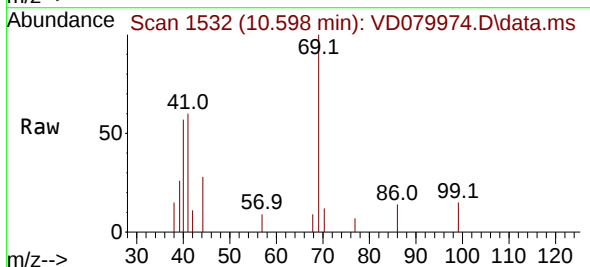
Instrument :
MSVOA_D
ClientSampleId :

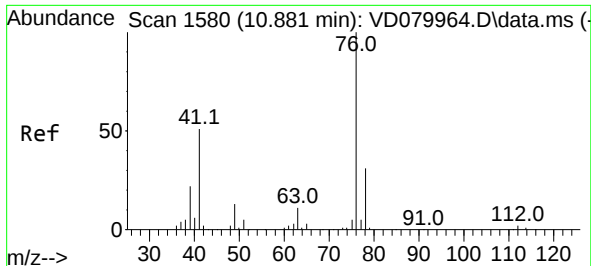
Tgt Ion:	97	Resp:	3908
Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.2	103.8
85	46.5	43.0	64.6
99	61.8	47.4	71.2



#56
Ethyl methacrylate
Concen: 2.452 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:	69	Resp:	4028
Ion	Ratio	Lower	Upper
69	100		
41	59.5	50.4	75.6
39	39.3	26.0	39.0#





#57

1,3-Dichloropropane

Concen: 2.568 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

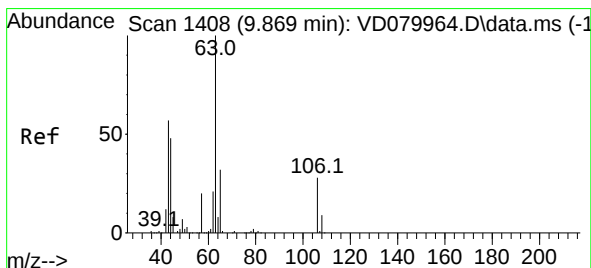
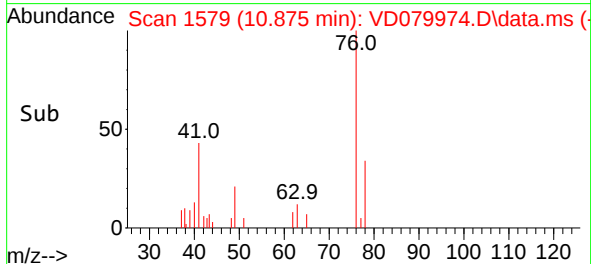
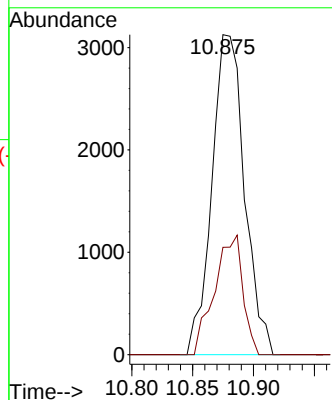
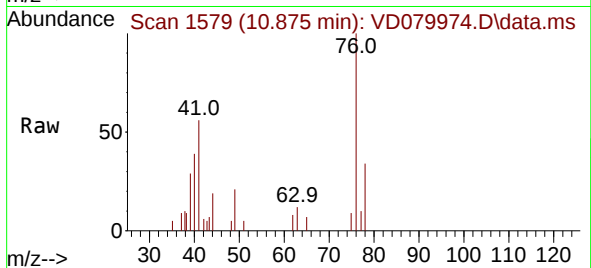
ClientSampleId :

Tgt Ion: 76 Resp: 5829

Ion Ratio Lower Upper

76 100

78 32.4 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 12.686 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079974.D

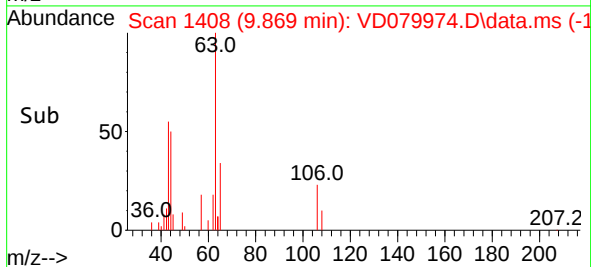
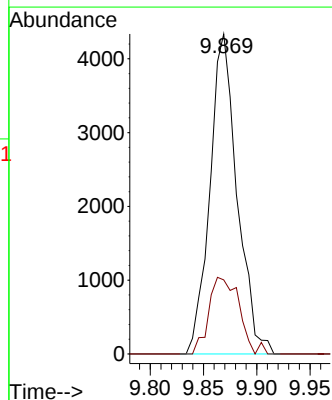
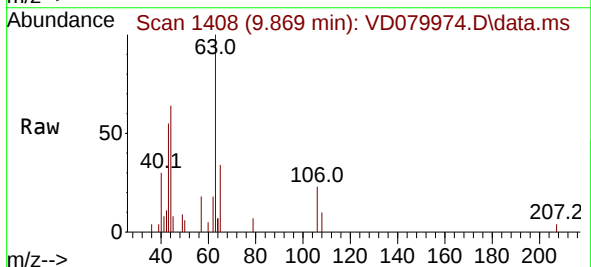
Acq: 14 Oct 2024 12:54

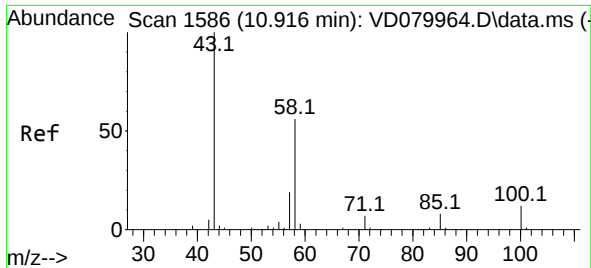
Tgt Ion: 63 Resp: 7713

Ion Ratio Lower Upper

63 100

106 26.7 21.8 32.6

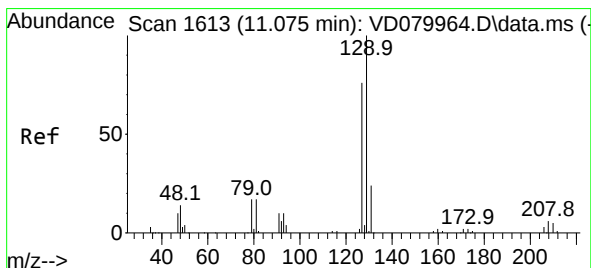
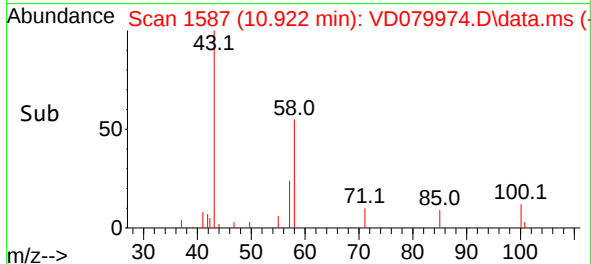
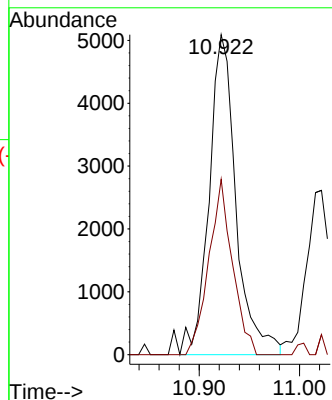
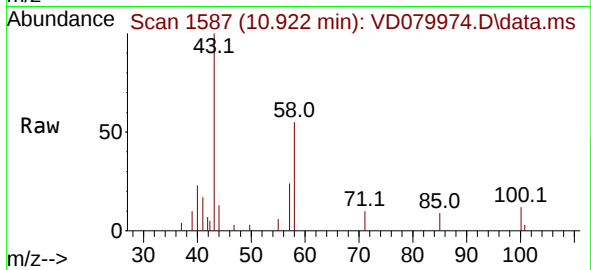




#59
2-Hexanone
Concen: 12.431 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

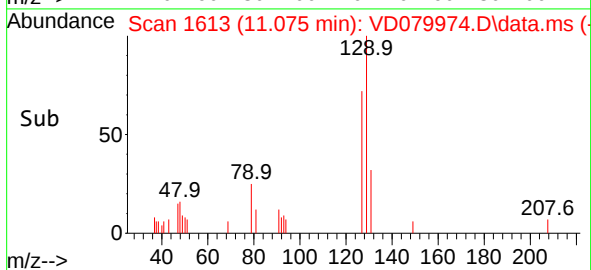
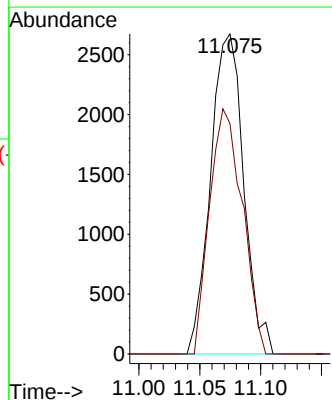
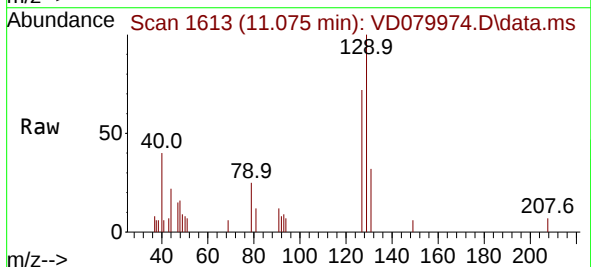
Instrument :
MSVOA_D
ClientSampleId :

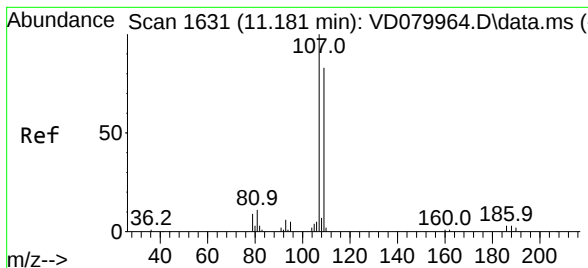
Tgt Ion: 43 Resp: 9507
Ion Ratio Lower Upper
43 100
58 48.1 27.8 83.4



#60
Dibromochloromethane
Concen: 2.772 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 129 Resp: 5065
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.2

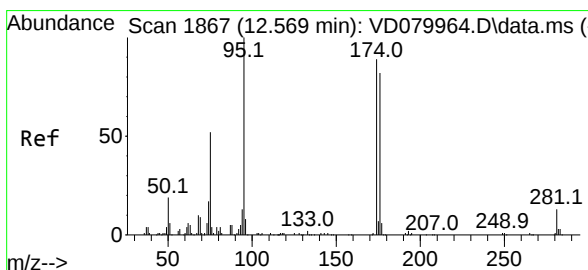
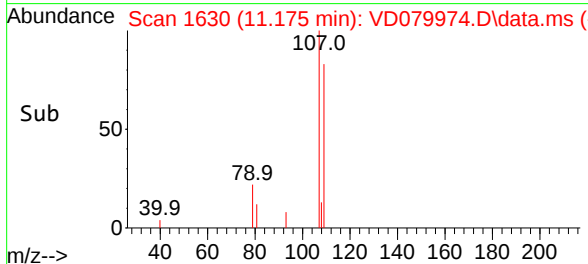
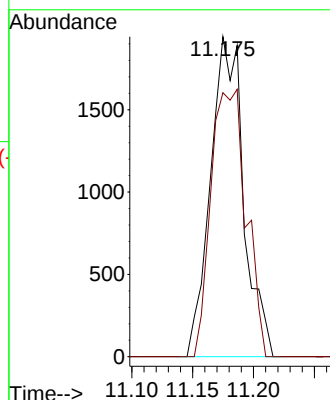
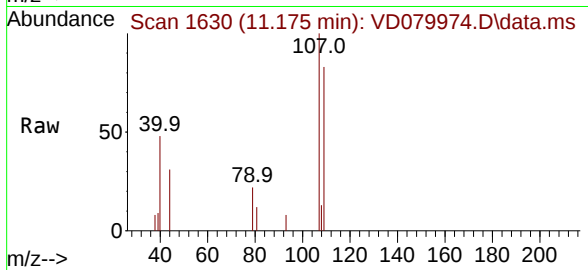




#61
1,2-Dibromoethane
Concen: 2.835 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

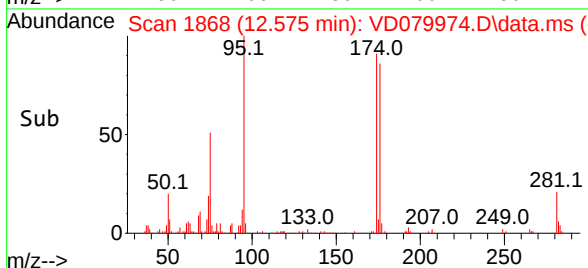
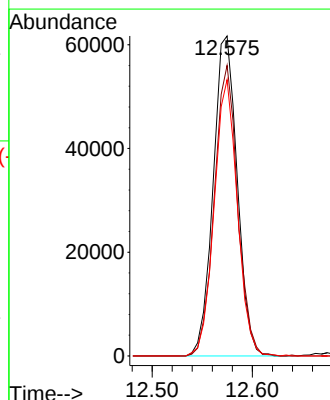
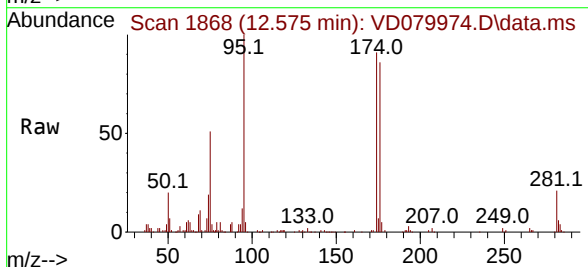
Instrument :
MSVOA_D
ClientSampleId :

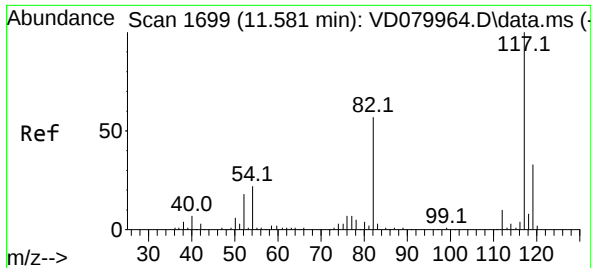
Tgt Ion:107 Resp: 3670
Ion Ratio Lower Upper
107 100
109 88.4 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 48.881 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 95 Resp: 102667
Ion Ratio Lower Upper
95 100
174 88.0 0.0 173.4
176 83.2 0.0 166.6

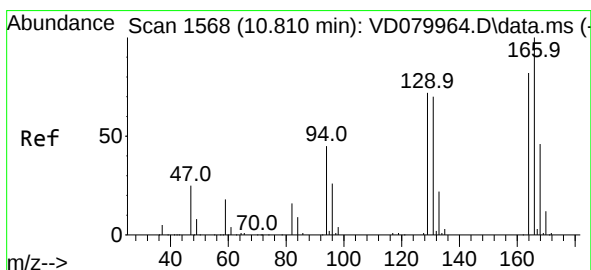
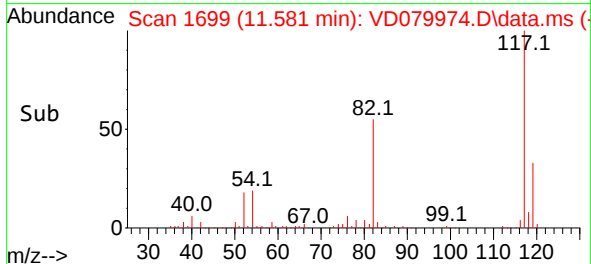
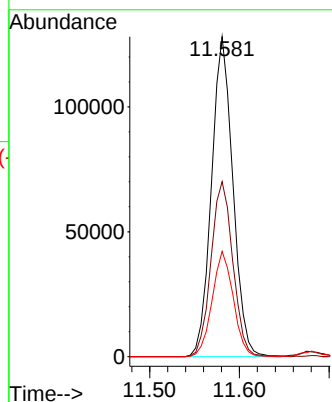
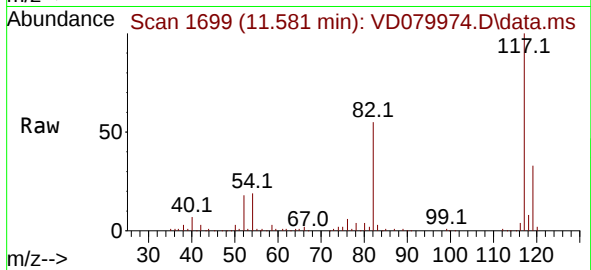




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

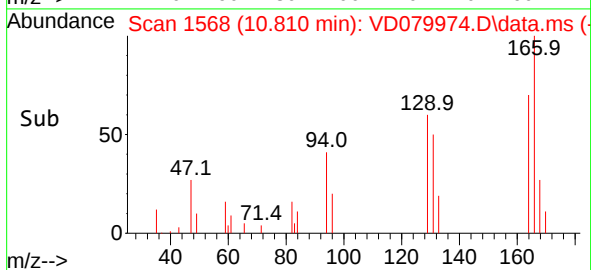
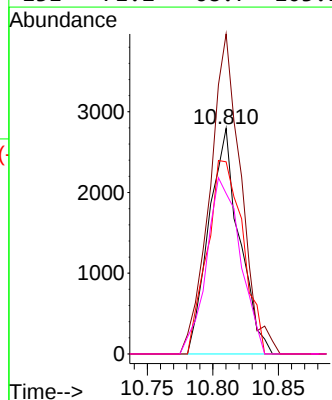
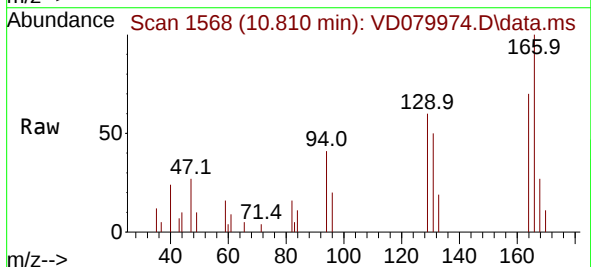
Instrument :
MSVOA_D
ClientSampleId :

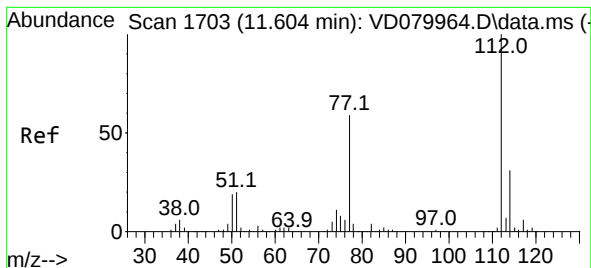
Tgt Ion:117 Resp: 212045
Ion Ratio Lower Upper
117 100
82 54.7 45.8 68.6
119 32.9 26.2 39.2



#64
Tetrachloroethene
Concen: 3.025 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:164 Resp: 4524
Ion Ratio Lower Upper
164 100
166 141.9 97.5 146.3
129 85.2 70.6 106.0
131 71.2 68.7 103.1





#65

Chlorobenzene

Concen: 2.932 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

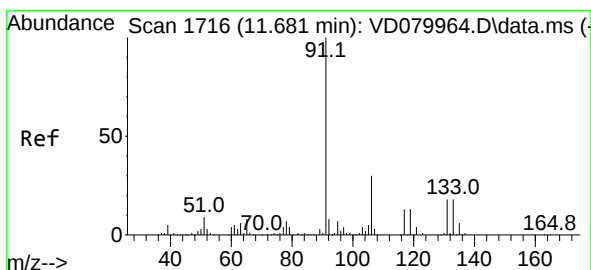
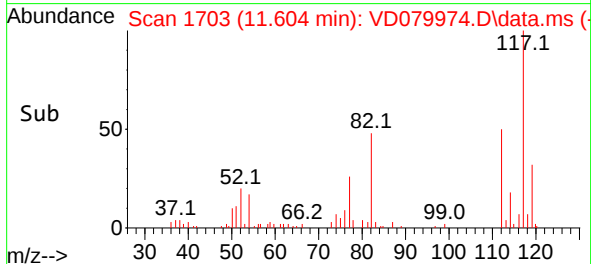
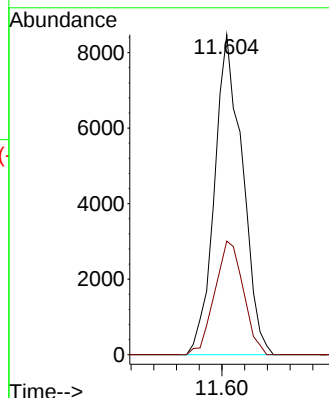
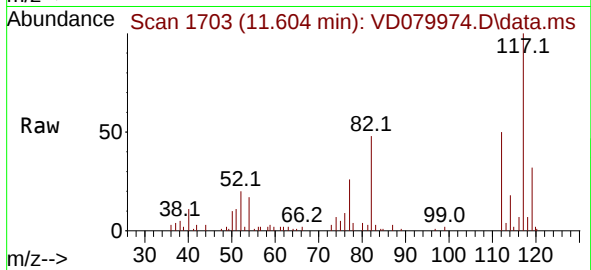
ClientSampleId :

Tgt Ion:112 Resp: 14469

Ion Ratio Lower Upper

112 100

114 35.5 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 2.681 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

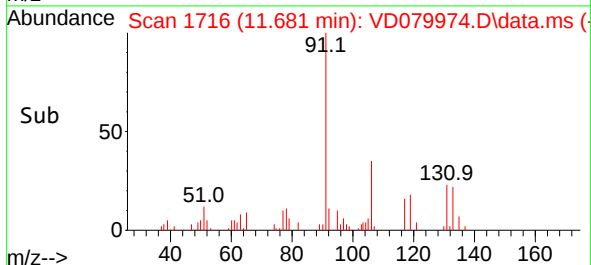
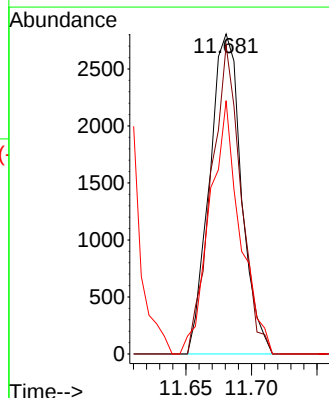
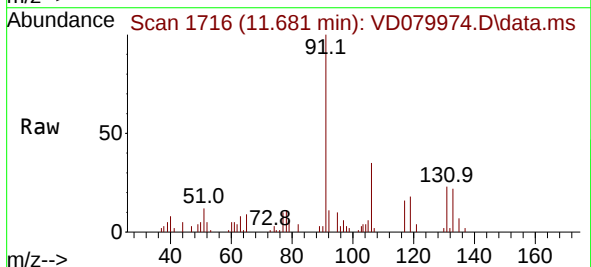
Tgt Ion:131 Resp: 4753

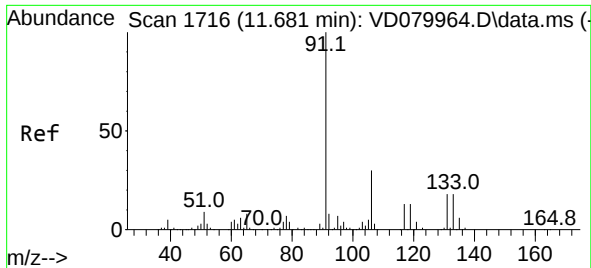
Ion Ratio Lower Upper

131 100

133 89.7 48.8 146.4

119 75.5 34.8 104.3

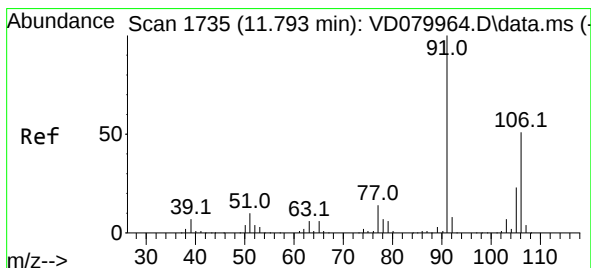
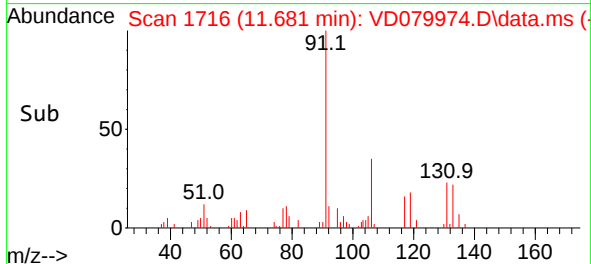
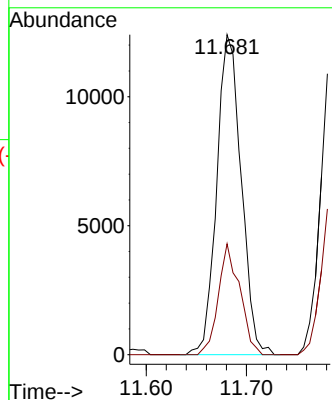
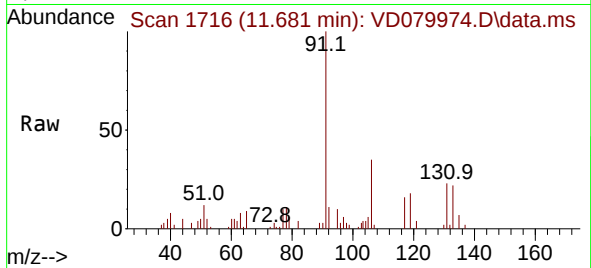




#67
Ethyl Benzene
Concen: 2.518 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

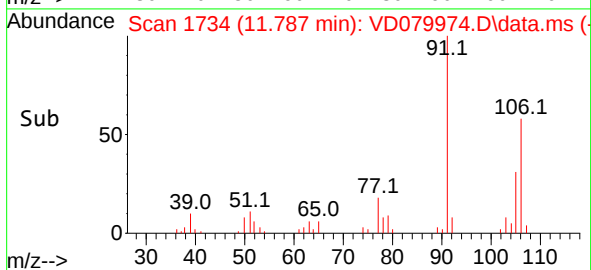
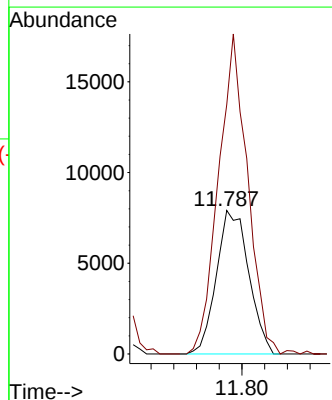
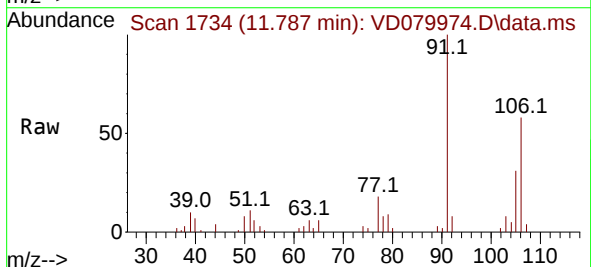
Instrument :
MSVOA_D
ClientSampleId :

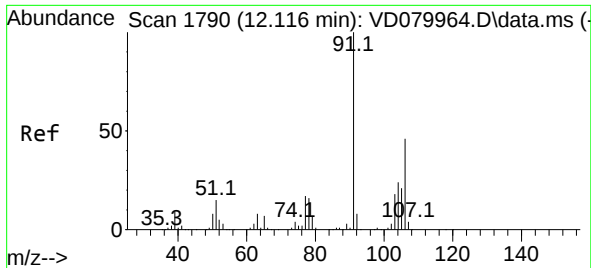
Tgt Ion: 91 Resp: 21013
Ion Ratio Lower Upper
91 100
106 34.7 23.6 35.4



#68
m/p-Xylenes
Concen: 4.879 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:106 Resp: 15629
Ion Ratio Lower Upper
106 100
91 201.6 162.6 244.0

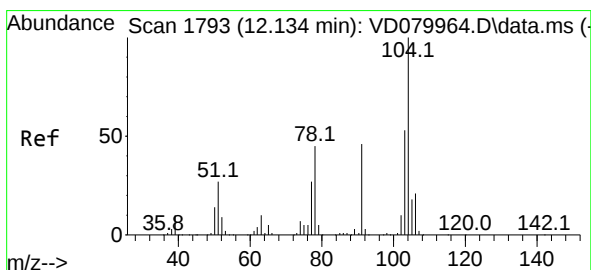
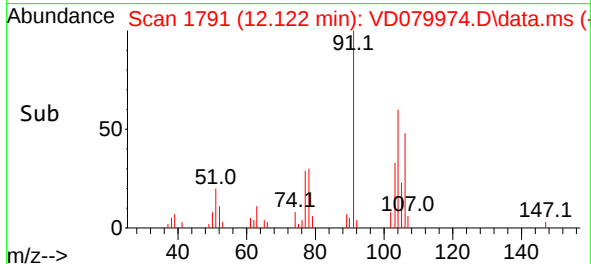
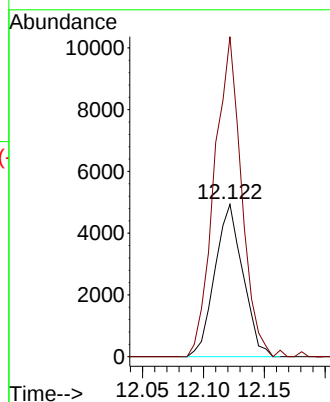
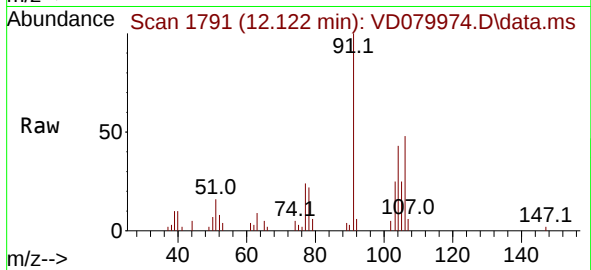




#69
o-Xylene
Concen: 2.675 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

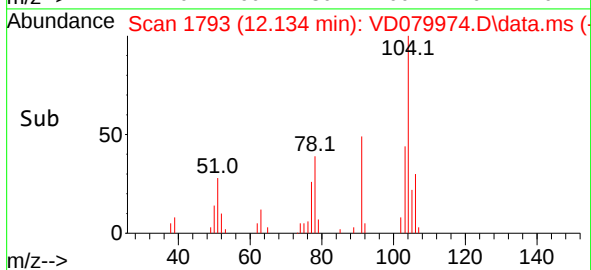
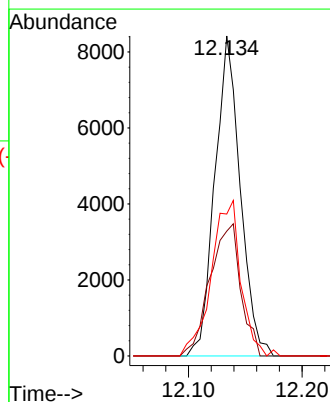
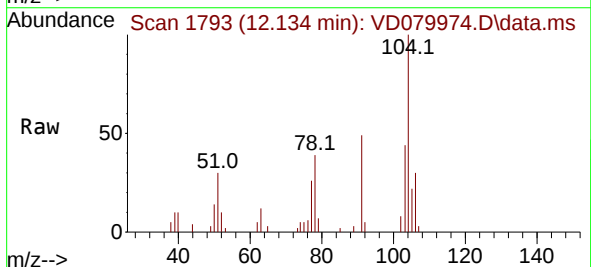
Instrument :
MSVOA_D
ClientSampleId :

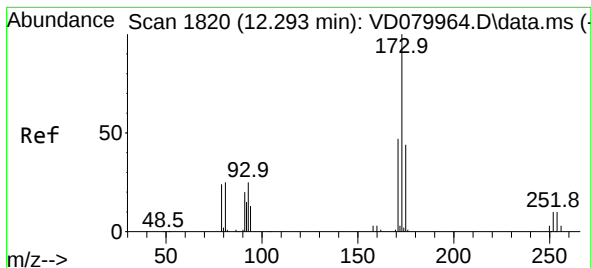
Tgt Ion:106 Resp: 7927
Ion Ratio Lower Upper
106 100
91 204.2 110.5 331.5



#70
Styrene
Concen: 2.481 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:104 Resp: 13086
Ion Ratio Lower Upper
104 100
78 50.1 39.8 59.8
103 56.4 45.2 67.8





#71

Bromoform

Concen: 2.826 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

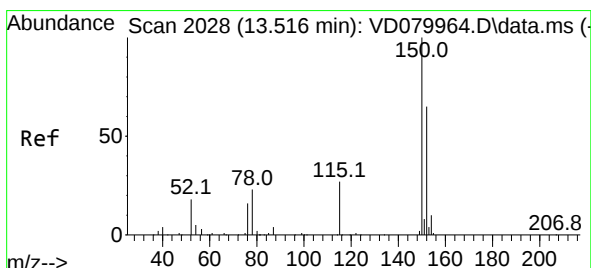
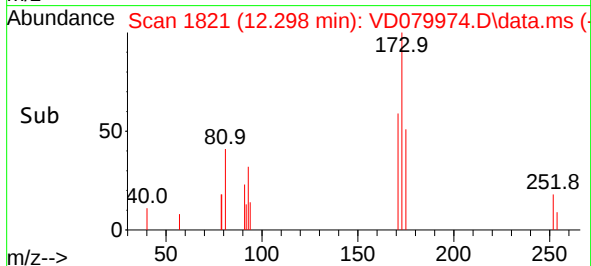
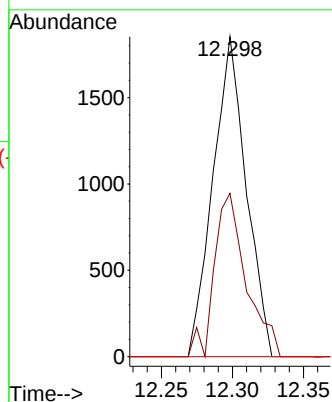
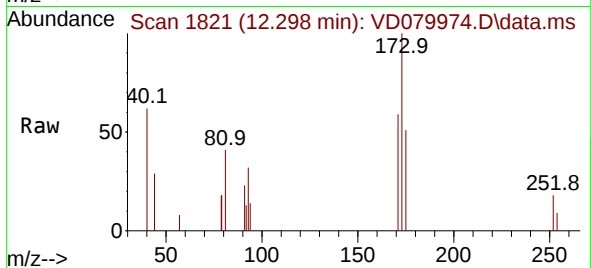
Tgt Ion:173 Resp: 3013

Ion Ratio Lower Upper

173 100

175 48.9 24.8 74.3

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: VD079974.D

Acq: 14 Oct 2024 12:54

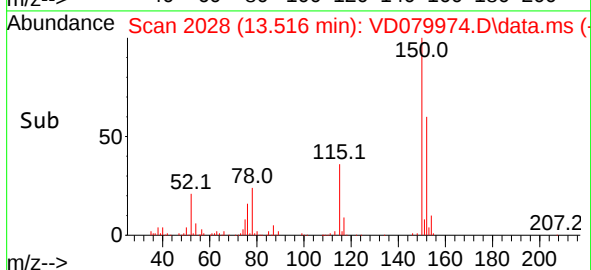
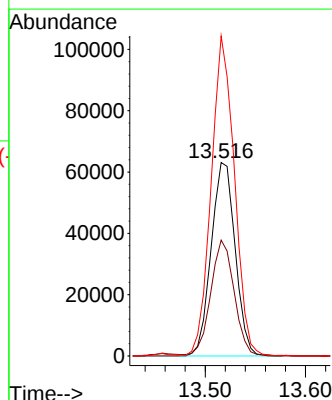
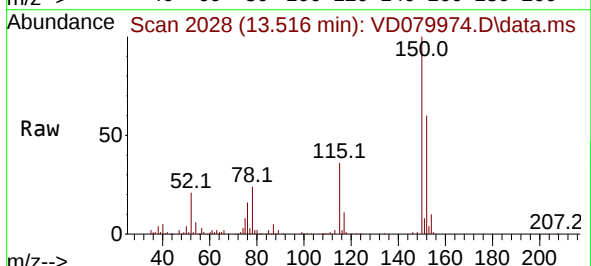
Tgt Ion:152 Resp: 104789

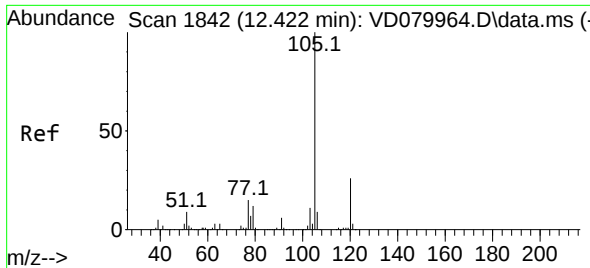
Ion Ratio Lower Upper

152 100

115 58.5 28.9 86.8

150 160.1 0.0 354.8

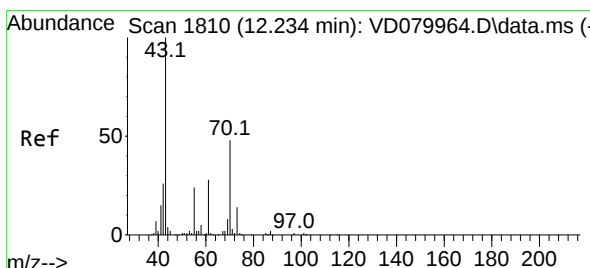
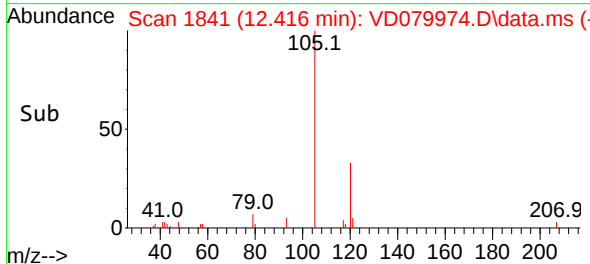
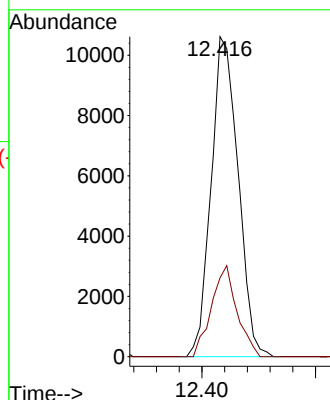
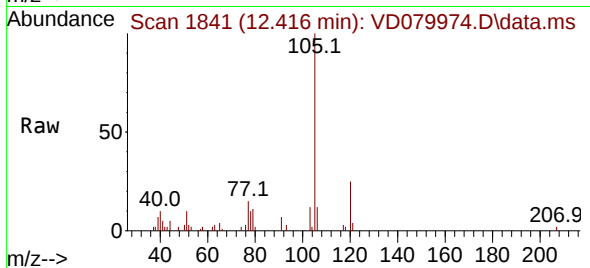




#73
Isopropylbenzene
Concen: 2.456 ug/l
RT: 12.416 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

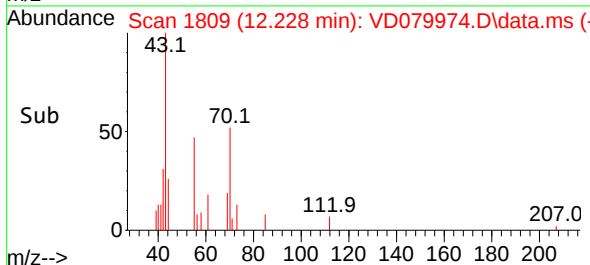
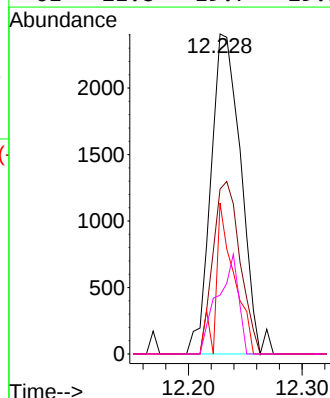
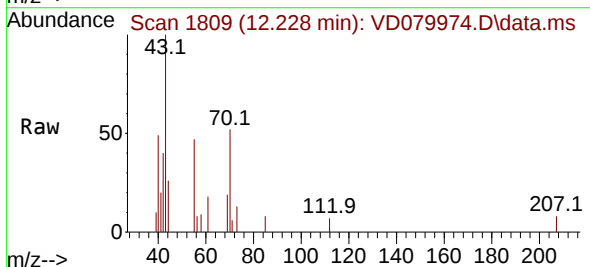
Instrument :
MSVOA_D
ClientSampleId :

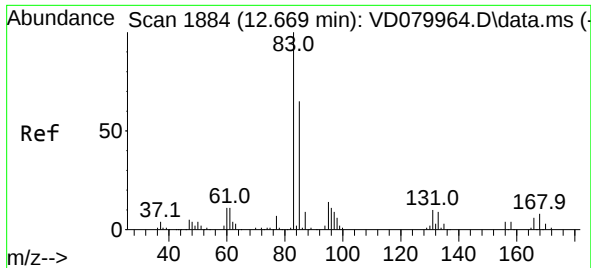
Tgt Ion:105 Resp: 17506
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 2.560 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 43 Resp: 4414
Ion Ratio Lower Upper
43 100
70 48.4 36.3 54.5
55 28.7 20.3 30.5
61 21.8 19.7 29.5

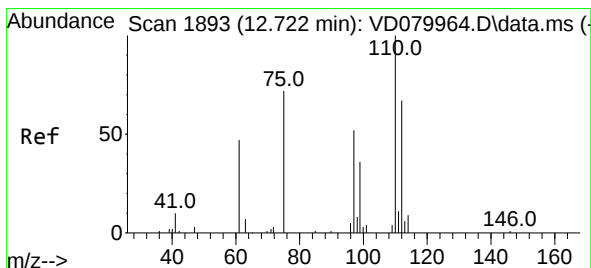
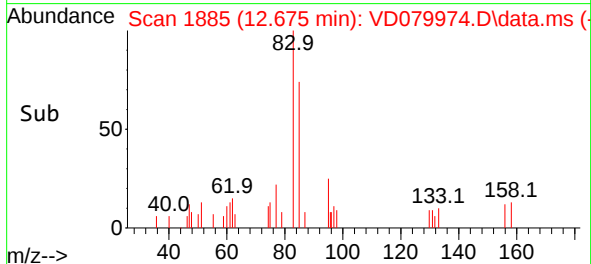
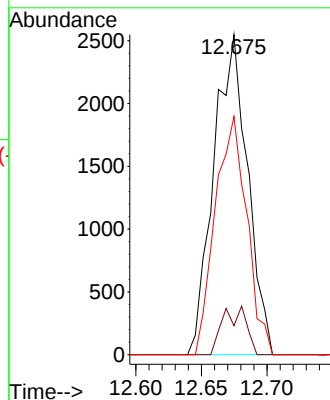
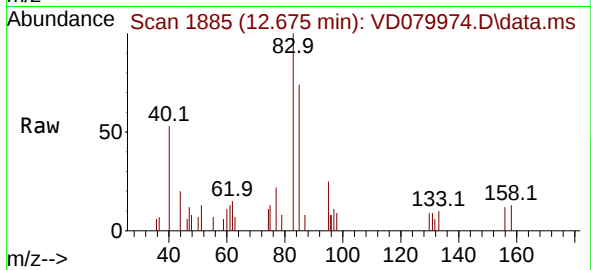




#75
1,1,2,2-Tetrachloroethane
Concen: 3.173 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

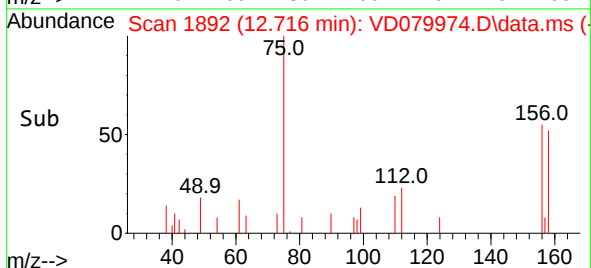
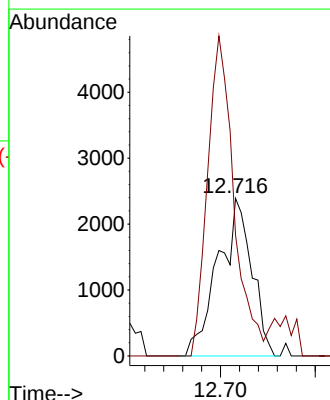
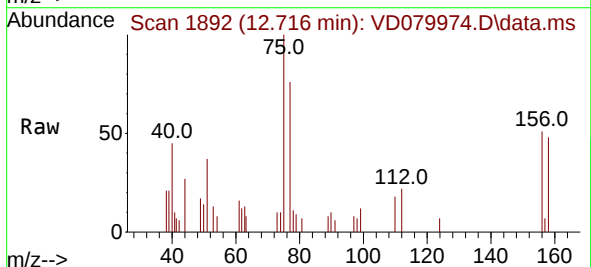
Instrument :
MSVOA_D
ClientSampleId :

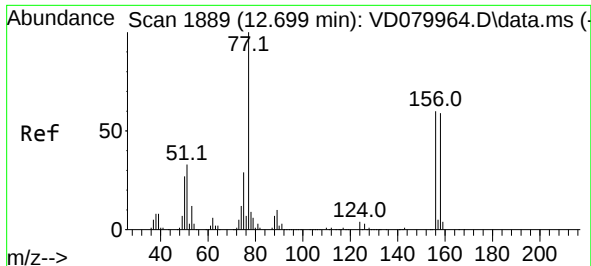
Tgt Ion: 83 Resp: 4586
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 69.4 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 5.104 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 75 Resp: 5901
Ion Ratio Lower Upper
75 100
77 158.9 0.0 0.0#

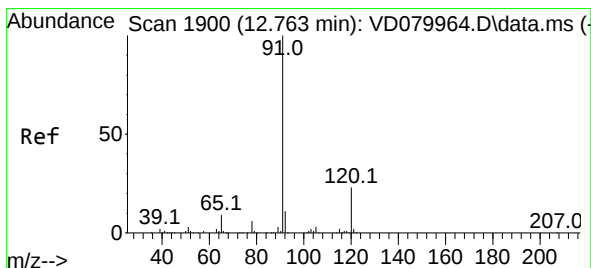
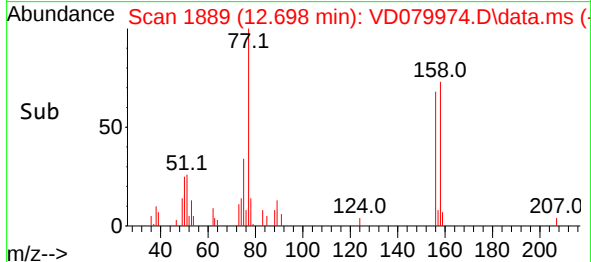
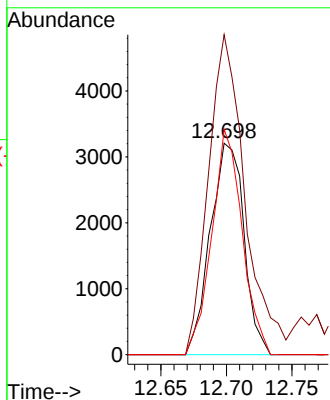
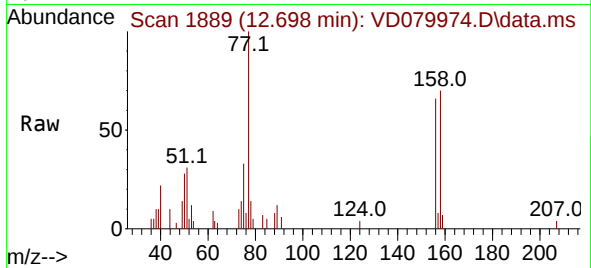




#77
Bromobenzene
Concen: 3.096 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

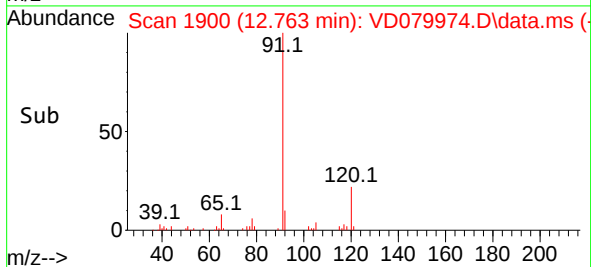
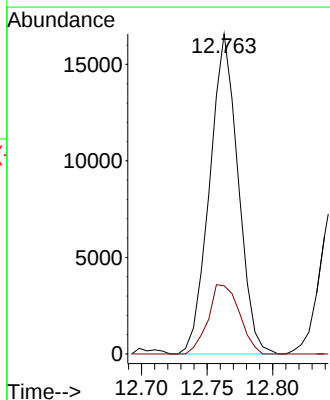
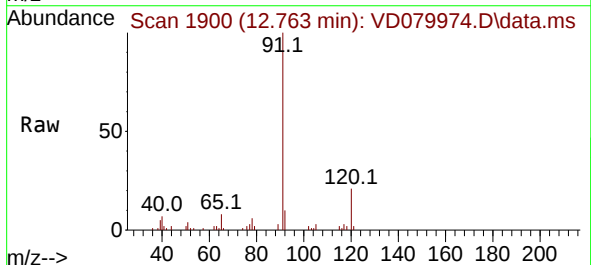
Instrument :
MSVOA_D
ClientSampleId :

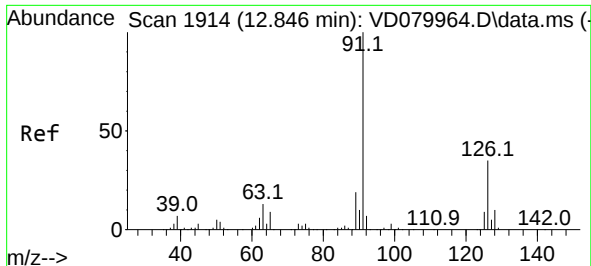
Tgt Ion:156 Resp: 5710
Ion Ratio Lower Upper
156 100
77 164.3 89.8 269.6
158 96.4 47.9 143.8



#78
n-propylbenzene
Concen: 2.821 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 91 Resp: 25002
Ion Ratio Lower Upper
91 100
120 23.7 11.2 33.5





#79

2-Chlorotoluene

Concen: 2.773 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

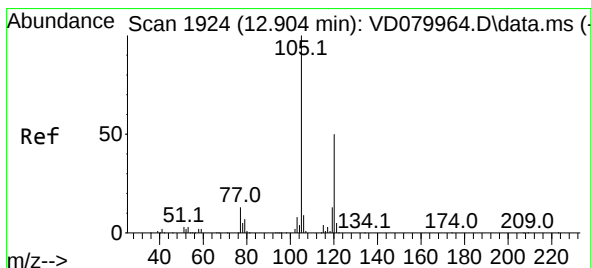
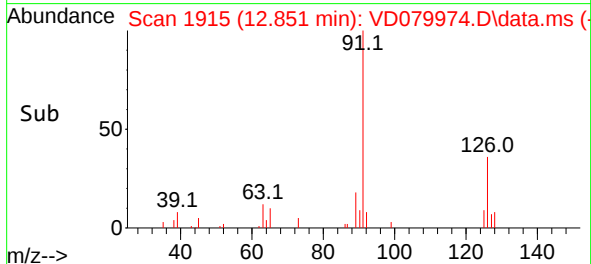
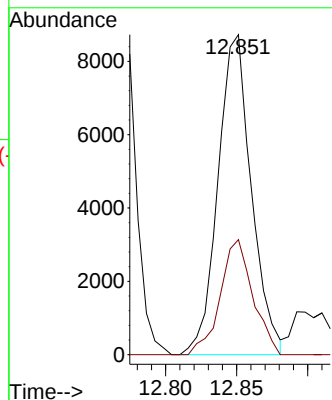
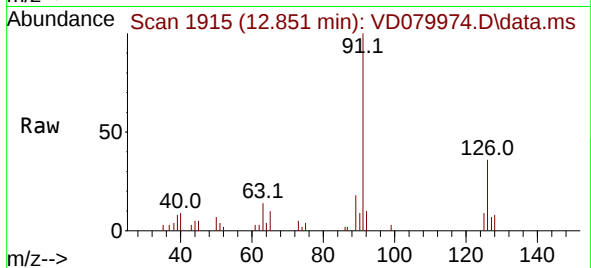
ClientSampleId :

Tgt Ion: 91 Resp: 14278

Ion Ratio Lower Upper

91 100

126 35.1 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 2.609 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079974.D

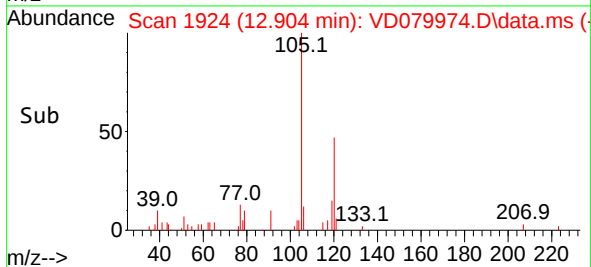
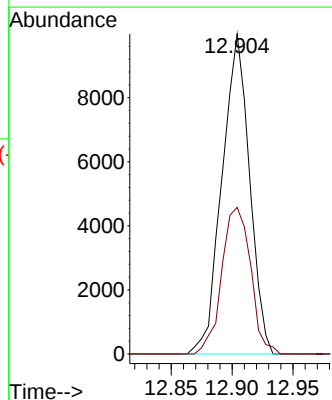
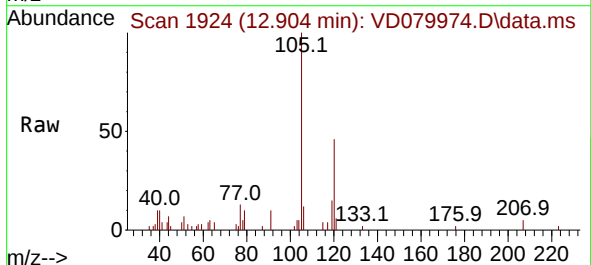
Acq: 14 Oct 2024 12:54

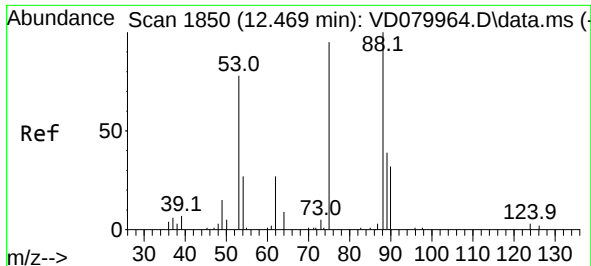
Tgt Ion:105 Resp: 15676

Ion Ratio Lower Upper

105 100

120 48.1 25.0 75.0

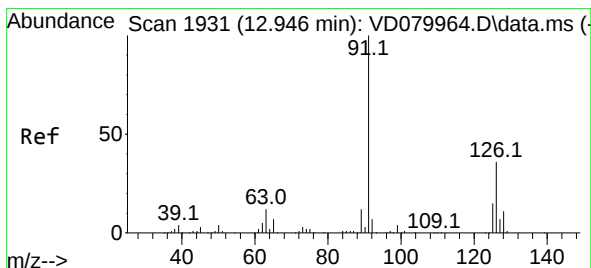
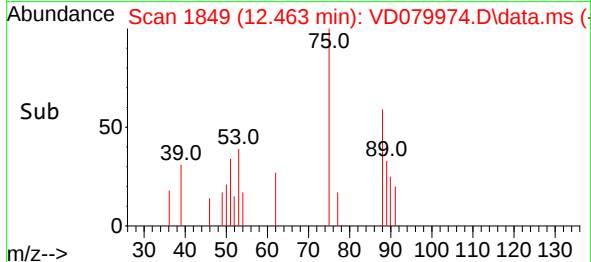
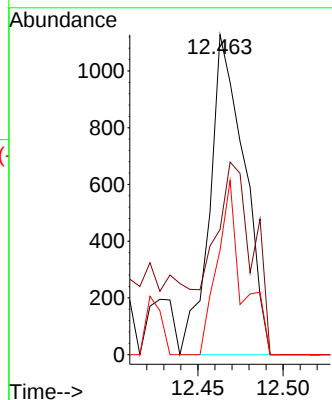
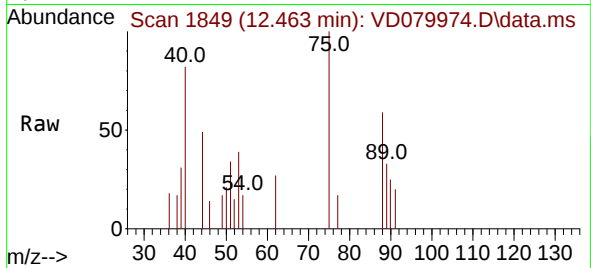




#81
trans-1,4-Dichloro-2-butene
Concen: 3.054 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

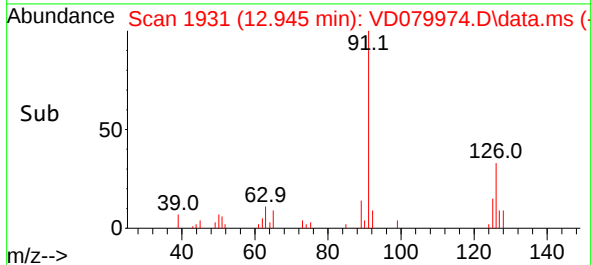
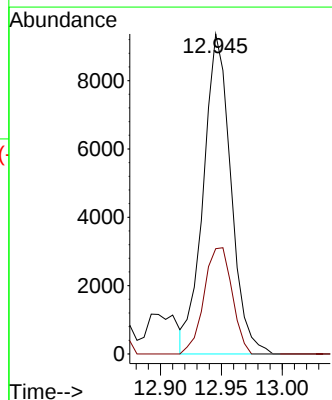
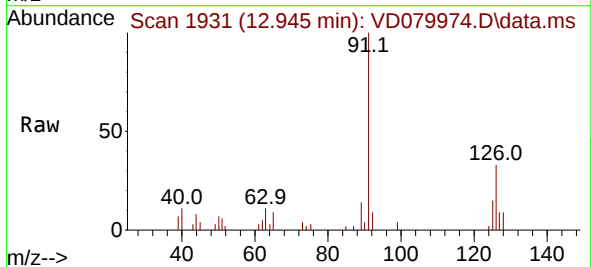
Instrument :
MSVOA_D
ClientSampleId :

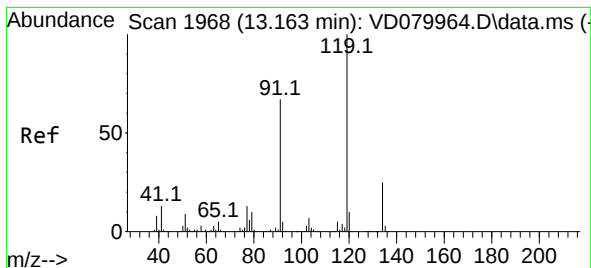
Tgt Ion: 75 Resp: 1582
Ion Ratio Lower Upper
75 100
53 64.9 68.7 103.1#
89 40.2 36.1 54.1



#82
4-Chlorotoluene
Concen: 2.664 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion: 91 Resp: 14734
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.3





#83

tert-Butylbenzene

Concen: 2.543 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

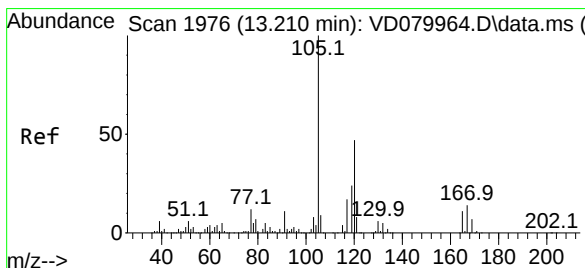
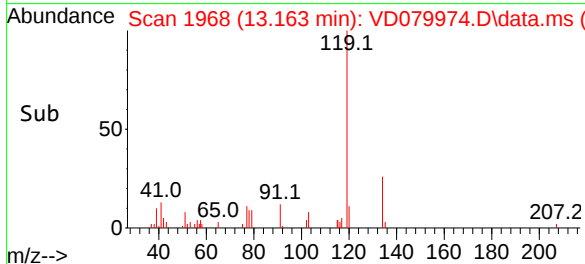
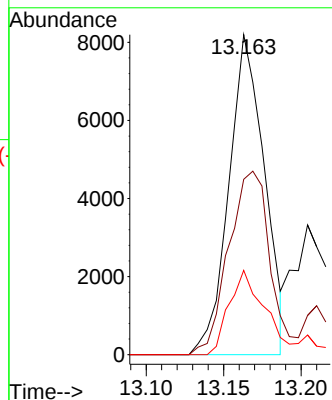
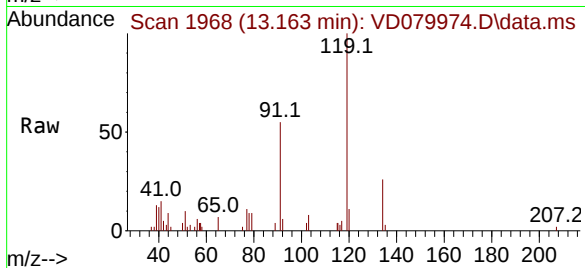
Tgt Ion:119 Resp: 13093

Ion Ratio Lower Upper

119 100

91 66.8 33.3 99.9

134 26.0 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 2.331 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079974.D

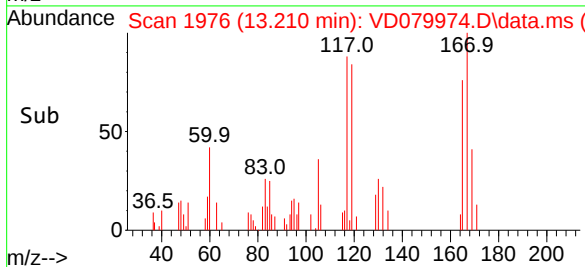
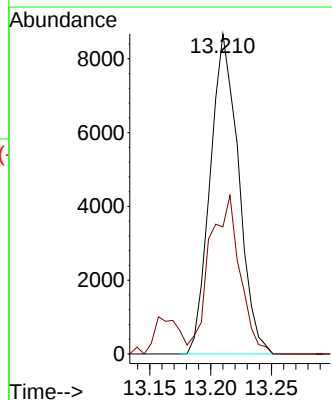
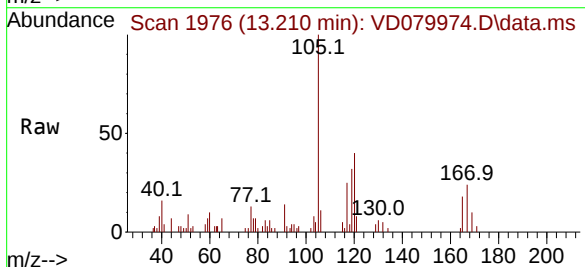
Acq: 14 Oct 2024 12:54

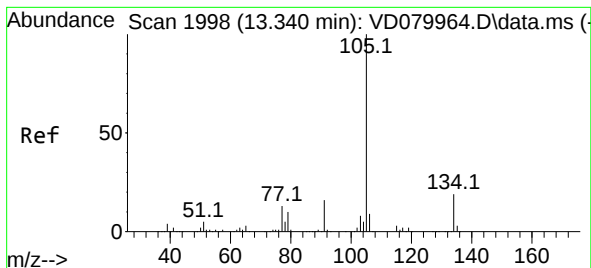
Tgt Ion:105 Resp: 14065

Ion Ratio Lower Upper

105 100

120 52.9 22.8 68.4





#85

sec-Butylbenzene

Concen: 2.387 ug/l

RT: 13.345 min Scan# 1998

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

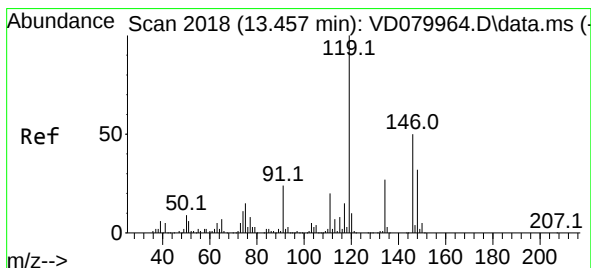
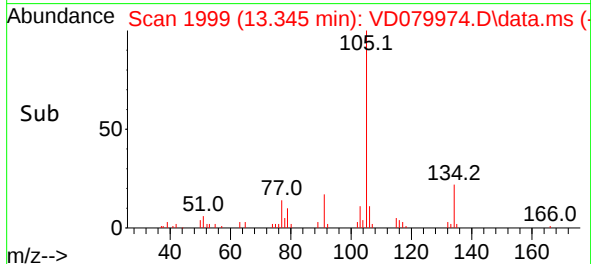
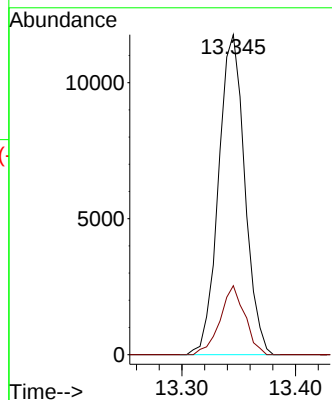
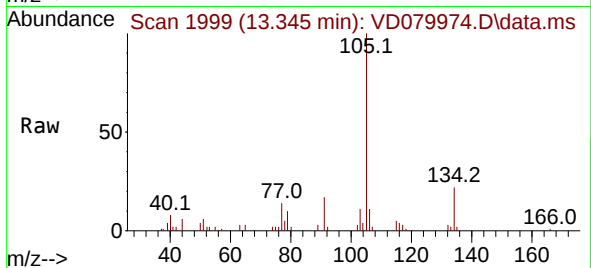
ClientSampleId :

Tgt Ion:105 Resp: 18893

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 2.457 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

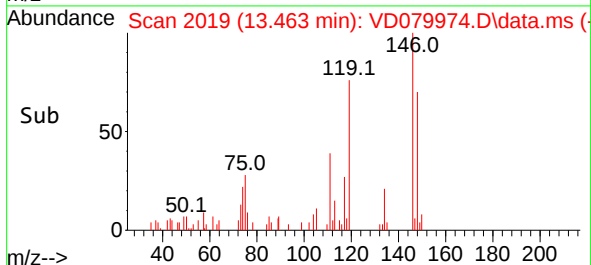
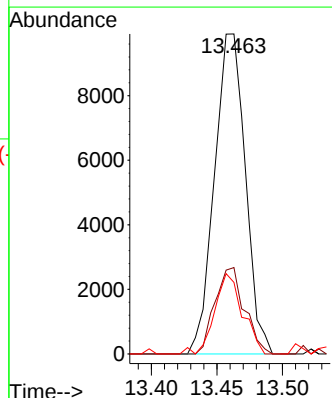
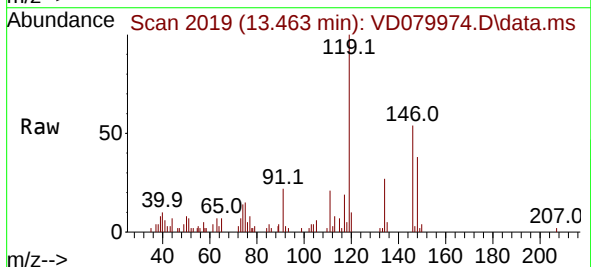
Tgt Ion:119 Resp: 16224

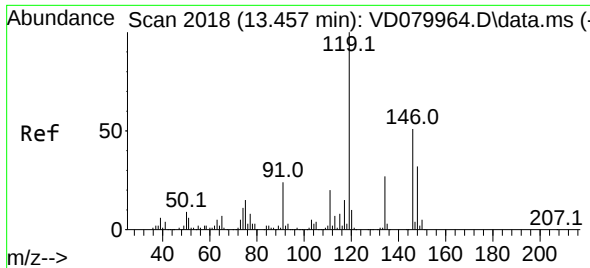
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 22.7 12.2 36.4

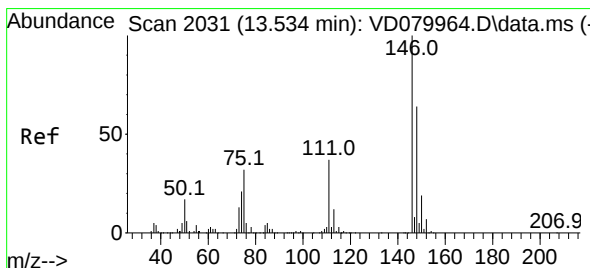
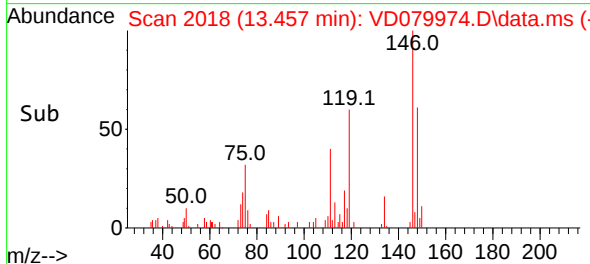
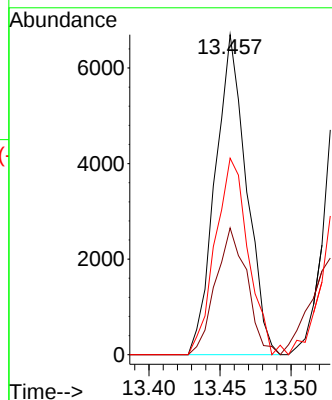
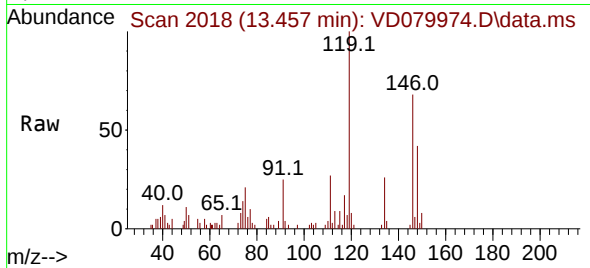




#87
1,3-Dichlorobenzene
Concen: 2.718 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

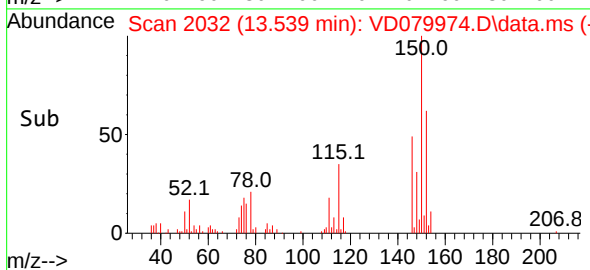
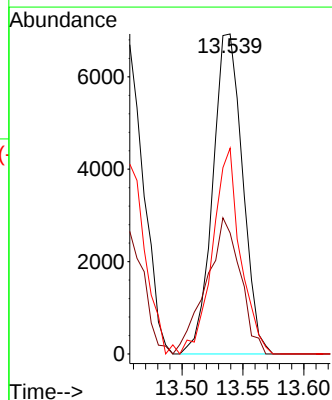
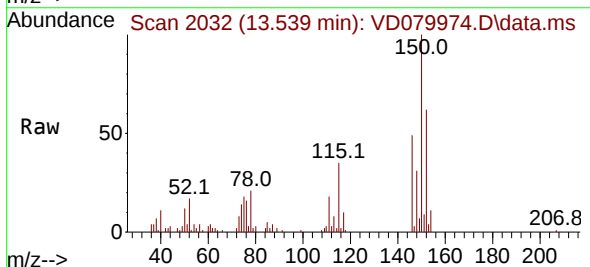
Instrument :
MSVOA_D
ClientSampleId :

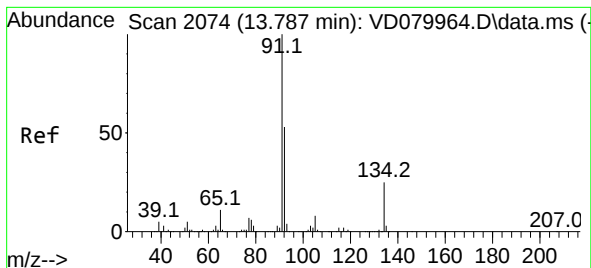
Tgt Ion:146 Resp: 10254
Ion Ratio Lower Upper
146 100
111 39.8 20.0 59.9
148 65.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 3.137 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079974.D
Acq: 14 Oct 2024 12:54

Tgt Ion:146 Resp: 11826
Ion Ratio Lower Upper
146 100
111 48.7 19.3 57.8
148 59.9 32.9 98.7





#89

n-Butylbenzene

Concen: 2.428 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079974.D

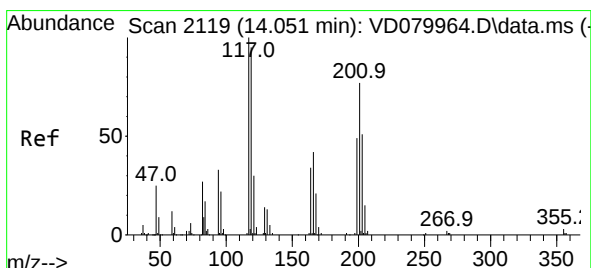
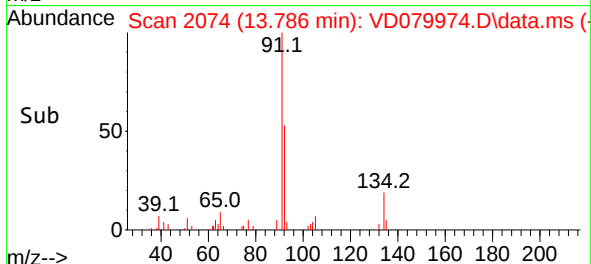
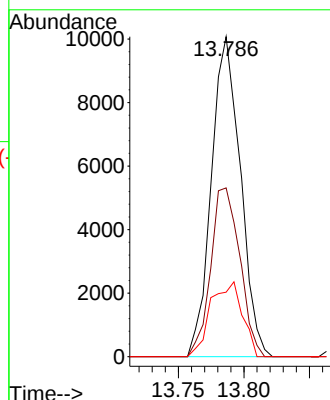
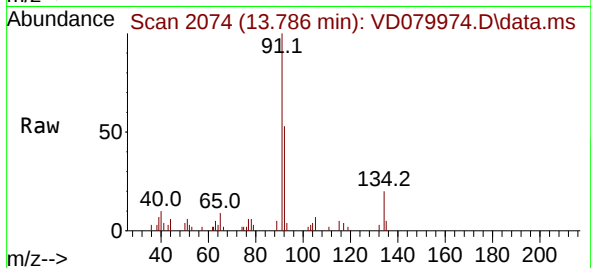
Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 91	Resp:	15508
Ion Ratio	Lower	Upper
91	100	
92	52.9	26.3 78.9
134	25.5	12.3 36.8



#90

Hexachloroethane

Concen: 3.057 ug/l

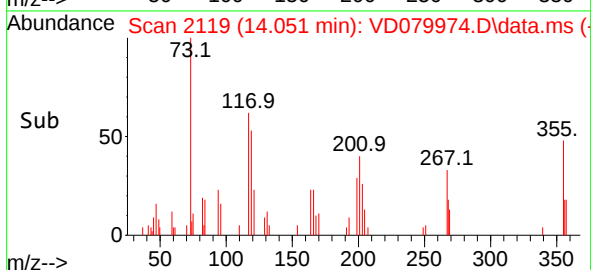
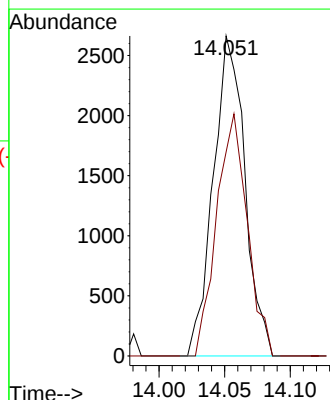
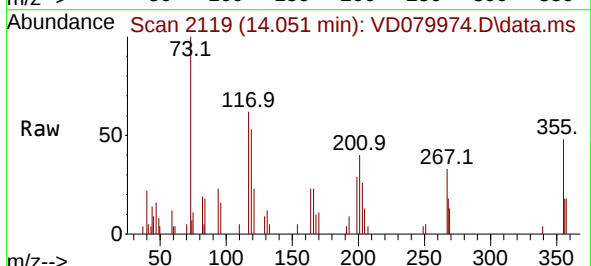
RT: 14.051 min Scan# 2119

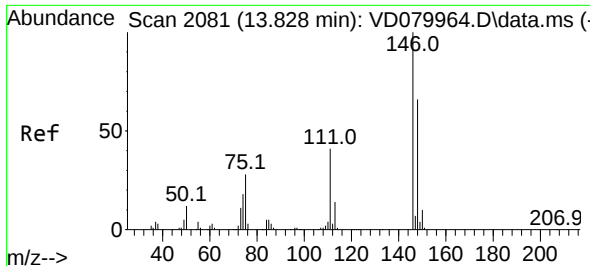
Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Tgt Ion: 117	Resp:	4461
Ion Ratio	Lower	Upper
117	100	
201	73.5	37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 2.733 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

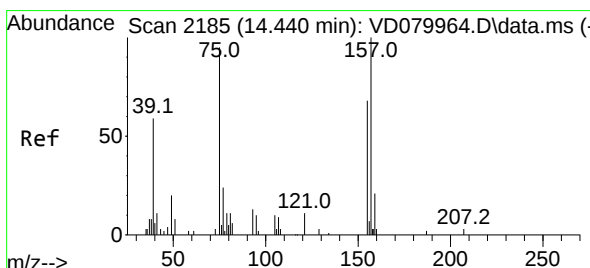
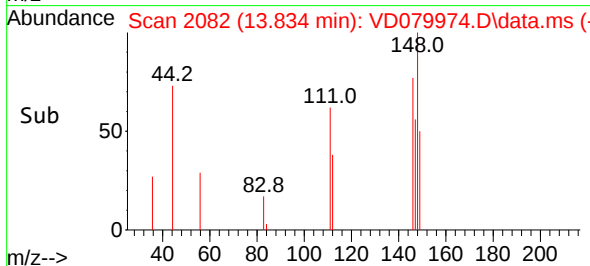
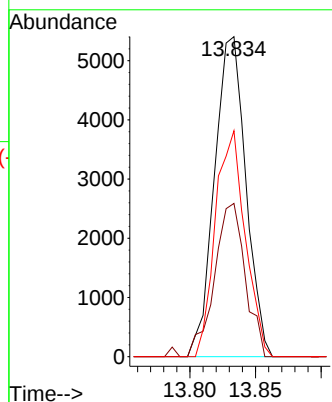
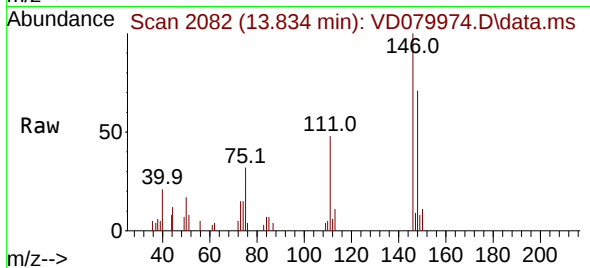
Tgt Ion:146 Resp: 9010

Ion Ratio Lower Upper

146 100

111 46.7 20.6 61.8

148 66.9 32.7 98.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.634 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.012 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

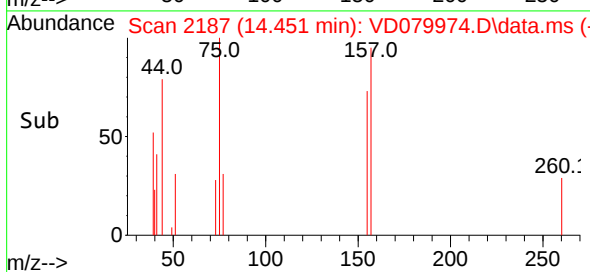
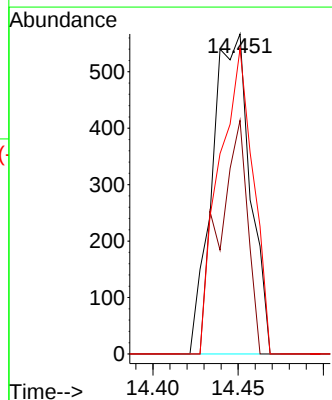
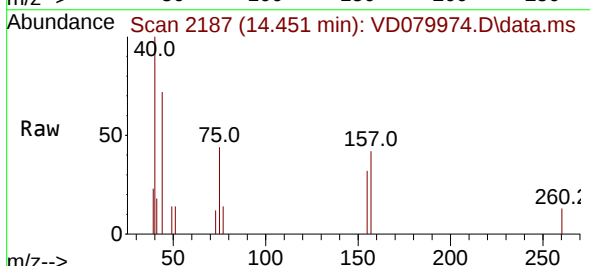
Tgt Ion: 75 Resp: 877

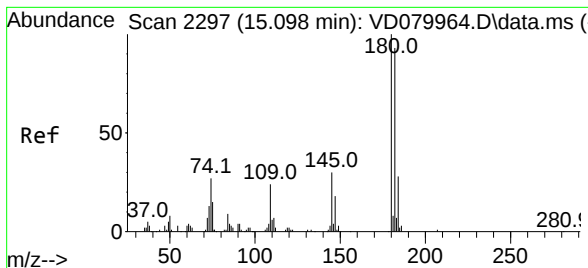
Ion Ratio Lower Upper

75 100

155 55.1 40.6 122.0

157 85.7 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 2.780 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

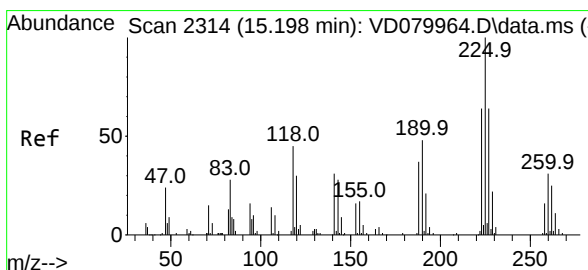
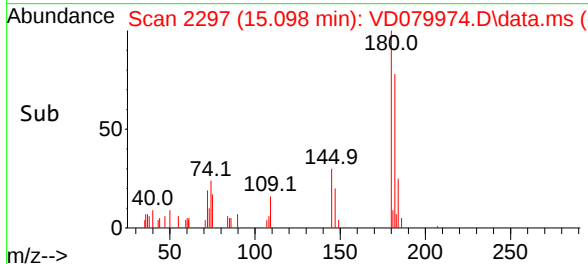
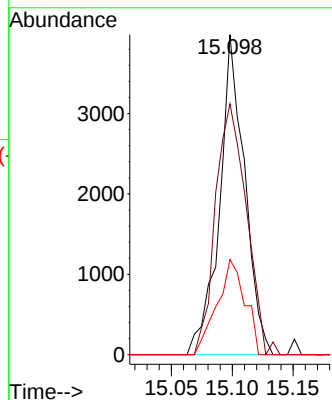
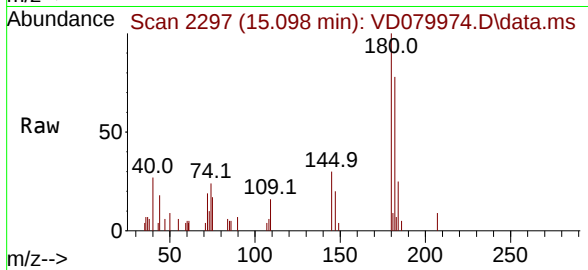
Tgt Ion:180 Resp: 5742

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.2

145 33.0 14.7 44.1



#94

Hexachlorobutadiene

Concen: 2.809 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

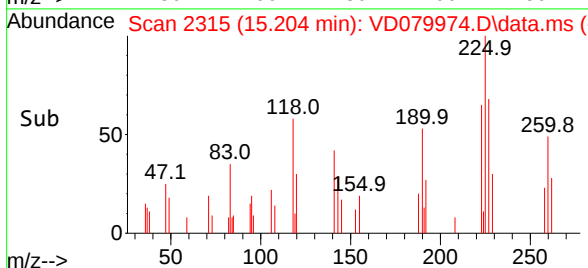
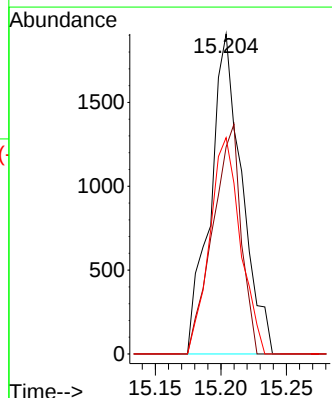
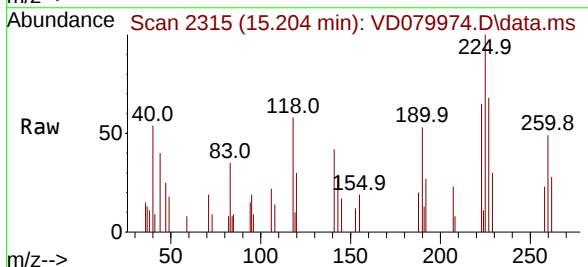
Tgt Ion:225 Resp: 3195

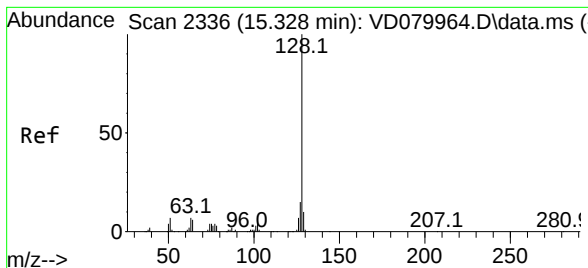
Ion Ratio Lower Upper

225 100

223 64.4 31.5 94.5

227 65.8 30.9 92.5





#95

Naphthalene

Concen: 2.862 ug/l

RT: 15.339 min Scan# 21

Delta R.T. 0.012 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Instrument :

MSVOA_D

ClientSampleId :

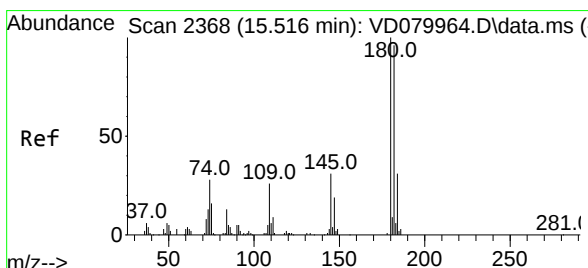
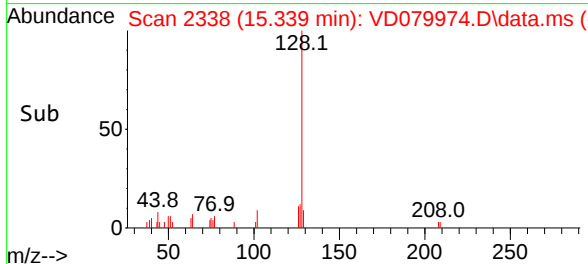
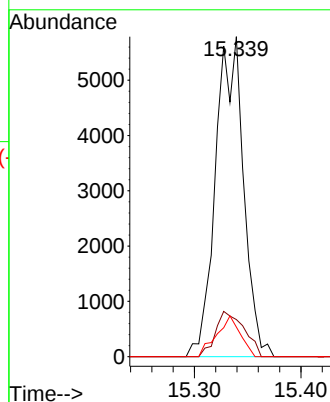
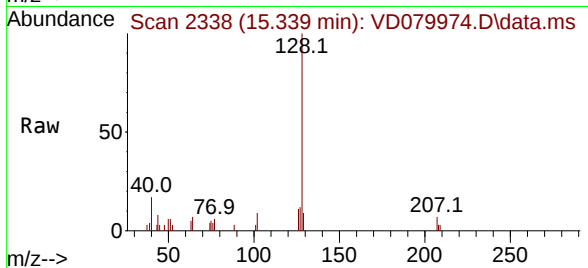
Tgt Ion:128 Resp: 10542

Ion Ratio Lower Upper

128 100

127 11.6 11.8 17.8#

129 9.2 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 2.677 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD079974.D

Acq: 14 Oct 2024 12:54

Tgt Ion:180 Resp: 4901

Ion Ratio Lower Upper

180 100

182 93.3 47.5 142.6

145 34.7 15.7 47.0

