

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079968.D
 Acq On : 11 Oct 2024 16:32
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 14 03:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	271493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	247592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90636	47.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.700%
35) Dibromofluoromethane	7.805	113	92151	47.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.060%
50) Toluene-d8	10.269	98	341271	48.872	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.569	95	122476	50.244	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	75305	45.532	ug/l	99
3) Chloromethane	2.146	50	77215	45.455	ug/l	93
4) Vinyl Chloride	2.281	62	105956	50.167	ug/l	96
5) Bromomethane	2.687	94	93963	51.715	ug/l	99
6) Chloroethane	2.834	64	75011	52.025	ug/l	99
7) Trichlorofluoromethane	3.170	101	161996	48.956	ug/l	100
8) Diethyl Ether	3.593	74	46638	51.310	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	94827	46.659	ug/l	99
10) Methyl Iodide	4.164	142	116642	58.530	ug/l	98
11) Tert butyl alcohol	5.058	59	27114	231.586	ug/l #	80
12) 1,1-Dichloroethene	3.940	96	93967	51.973	ug/l	97
13) Acrolein	3.787	56	27475	218.866	ug/l	95
14) Allyl chloride	4.558	41	141653	52.747	ug/l	99
15) Acrylonitrile	5.246	53	109032	251.044	ug/l	98
16) Acetone	4.017	43	123628	249.166	ug/l	98
17) Carbon Disulfide	4.269	76	273660	54.300	ug/l	99
18) Methyl Acetate	4.564	43	53171	49.921	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	222206	53.214	ug/l	97
20) Methylene Chloride	4.799	84	114969	55.325	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	106183	54.694	ug/l	95
22) Diisopropyl ether	6.211	45	312679	53.687	ug/l	97
23) Vinyl Acetate	6.152	43	896634	274.005	ug/l	98
24) 1,1-Dichloroethane	6.111	63	194019	50.564	ug/l	98
25) 2-Butanone	7.081	43	150509	249.114	ug/l	100
26) 2,2-Dichloropropane	7.075	77	163655	49.295	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	122753	50.845	ug/l	96
28) Bromochloromethane	7.422	49	78712	48.062	ug/l #	10
29) Tetrahydrofuran	7.446	42	85657	265.092	ug/l	100
30) Chloroform	7.593	83	202046	49.710	ug/l	98
31) Cyclohexane	7.875	56	144752	49.766	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	167754	49.824	ug/l	99
36) 1,1-Dichloropropene	8.010	75	133956	51.005	ug/l	99
37) Ethyl Acetate	7.169	43	62749	49.352	ug/l	97
38) Carbon Tetrachloride	7.993	117	142991	48.994	ug/l	97
39) Methylcyclohexane	9.275	83	157577	53.467	ug/l	97
40) Benzene	8.252	78	427520	51.475	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	34466	51.617	ug/l	99
42) 1,2-Dichloroethane	8.322	62	114885	50.299	ug/l	99
43) Isopropyl Acetate	8.358	43	118663	50.657	ug/l	99
44) Trichloroethene	9.028	130	106004	51.594	ug/l	96
45) 1,2-Dichloropropane	9.305	63	108606	51.568	ug/l	100
46) Dibromomethane	9.393	93	59108	50.866	ug/l	100
47) Bromodichloromethane	9.587	83	154493	50.130	ug/l	97
48) Methyl methacrylate	9.375	41	57434	54.432	ug/l	98
49) 1,4-Dioxane	9.387	88	13370	1047.099	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	312249	260.552	ug/l	100
52) Toluene	10.334	92	270845	53.263	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	137676	51.016	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	161700	50.778	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	78619	48.166	ug/l	93
56) Ethyl methacrylate	10.599	69	102972	54.000	ug/l	97
57) 1,3-Dichloropropane	10.875	76	134129	50.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	197913	280.482	ug/l	98
59) 2-Hexanone	10.916	43	229724	258.817	ug/l	99
60) Dibromochloromethane	11.075	129	105489	49.741	ug/l	99
61) 1,2-Dibromoethane	11.175	107	74118	49.338	ug/l	97
64) Tetrachloroethene	10.810	164	89107	51.025	ug/l	95
65) Chlorobenzene	11.604	112	291910	50.660	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	102542	49.536	ug/l	98
67) Ethyl Benzene	11.681	91	511744	52.508	ug/l	97
68) m/p-Xylenes	11.793	106	399686	106.860	ug/l	100
69) o-Xylene	12.116	106	185394	53.573	ug/l	96
70) Styrene	12.134	104	329697	53.539	ug/l	99
71) Bromoform	12.299	173	60923	48.938	ug/l #	99
73) Isopropylbenzene	12.422	105	486987	53.392	ug/l	100
74) N-amyl acetate	12.234	43	116607	52.860	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	94295	50.989	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	120211	81.268	ug/l #	100
77) Bromobenzene	12.698	156	120514	51.072	ug/l	100
78) n-propylbenzene	12.763	91	610535	53.841	ug/l	100
79) 2-Chlorotoluene	12.846	91	345976	52.516	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	411803	53.570	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	33407	50.402	ug/l	99
82) 4-Chlorotoluene	12.946	91	368494	52.064	ug/l	99
83) tert-Butylbenzene	13.163	119	352549	53.510	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	418402	54.201	ug/l	98
85) sec-Butylbenzene	13.340	105	545472	53.868	ug/l	99
86) p-Isopropyltoluene	13.457	119	464272	54.959	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	246513	51.061	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	240899	49.943	ug/l	98
89) n-Butylbenzene	13.787	91	443899	54.328	ug/l	99
90) Hexachloroethane	14.051	117	93854	50.262	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	213819	50.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13818	44.749	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	138410	52.369	ug/l	99
94) Hexachlorobutadiene	15.204	225	77117	52.986	ug/l	99
95) Naphthalene	15.328	128	246060	52.203	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	119433	50.991	ug/l	100

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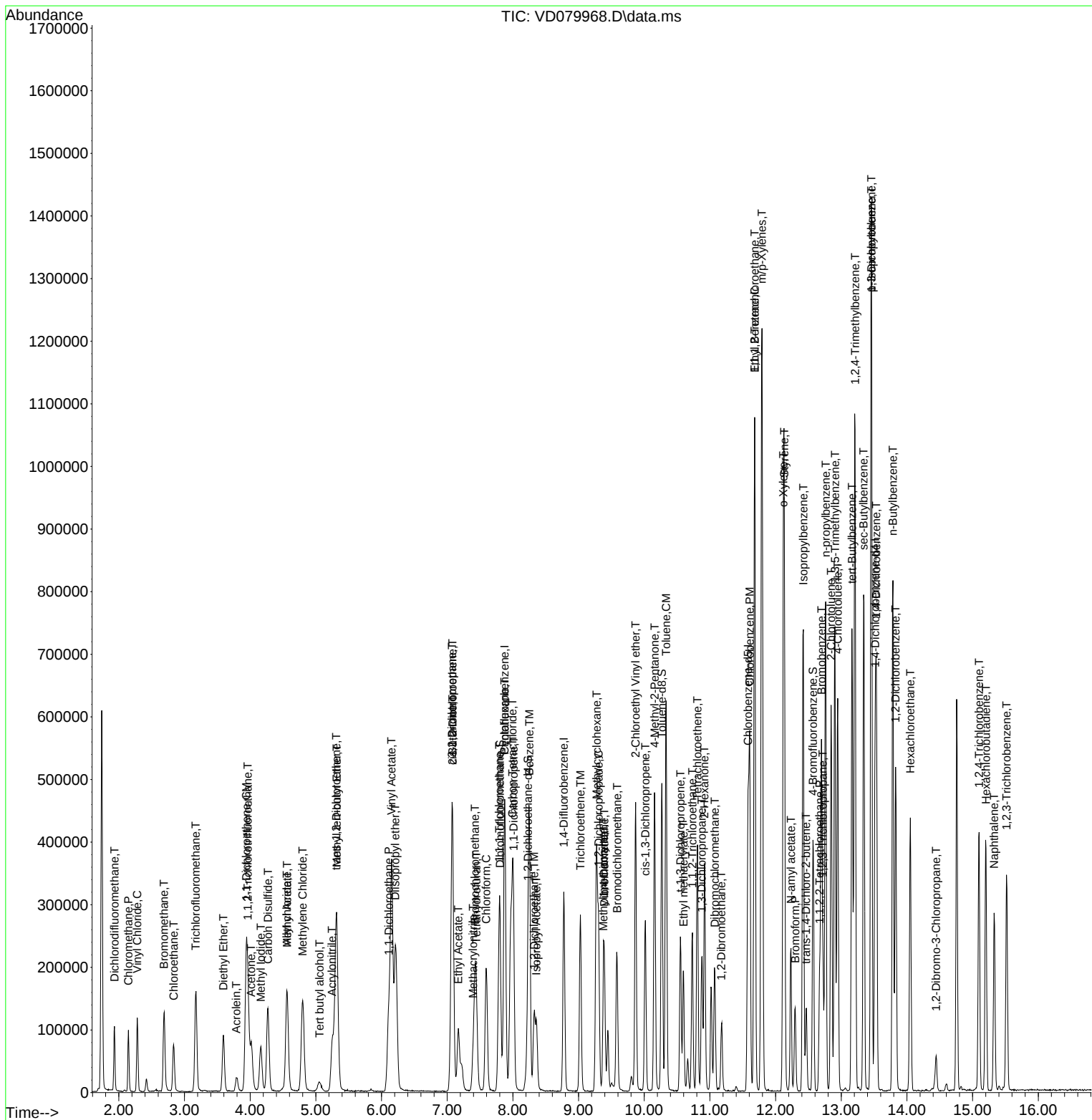
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MSVOA_D
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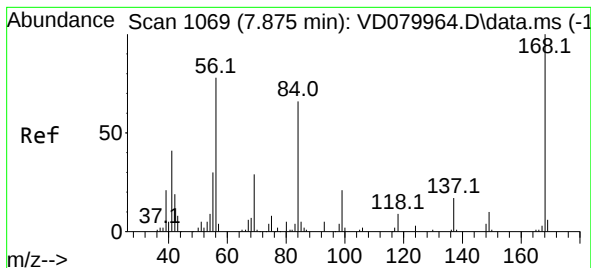
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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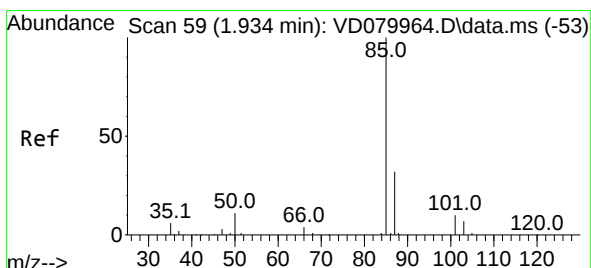
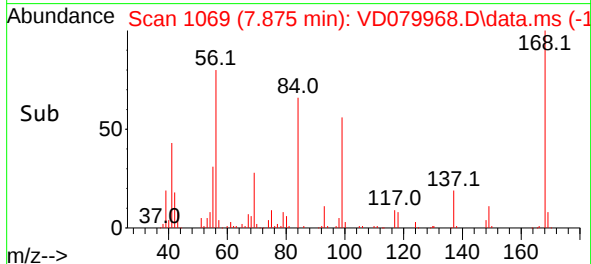
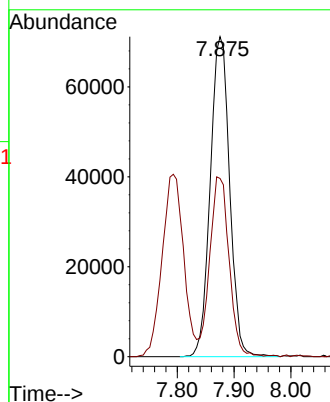
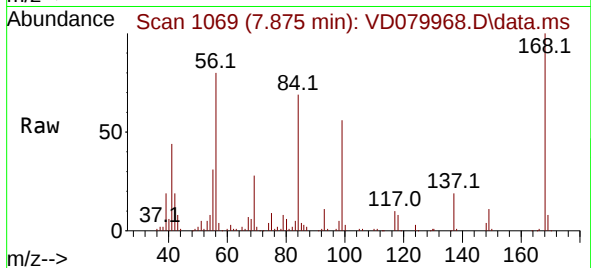




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079968.D
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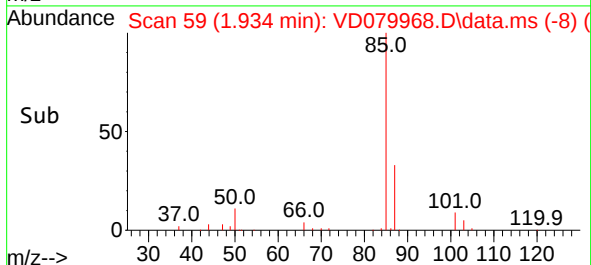
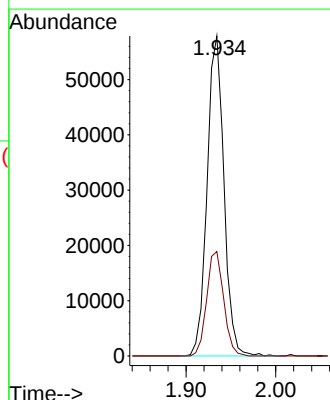
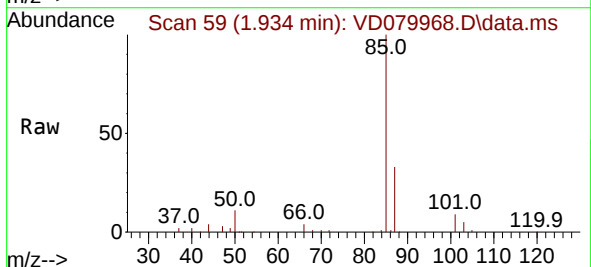
Instrument :
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ClientSampleId :

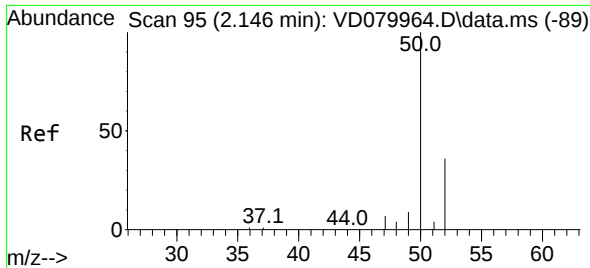
Tgt Ion:168 Resp: 168275
Ion Ratio Lower Upper
168 100
99 55.7 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 45.532 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

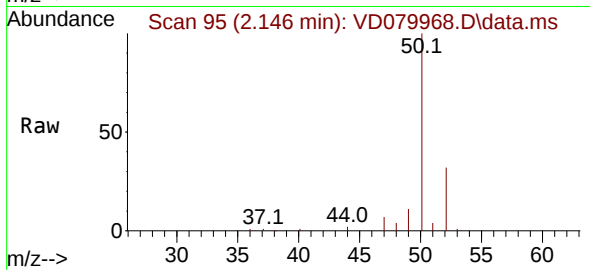
Tgt Ion: 85 Resp: 75305
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2



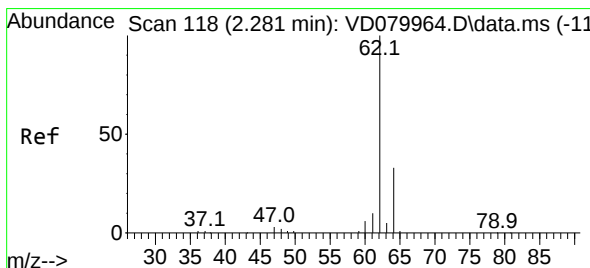
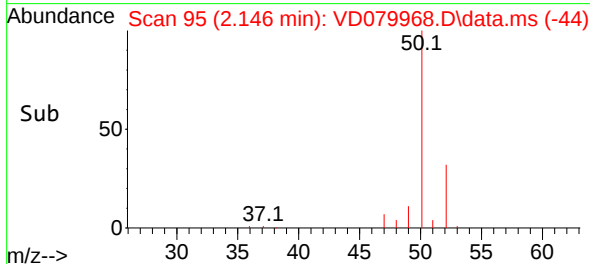
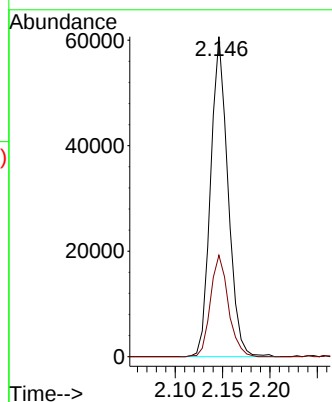


#3
Chloromethane
Concen: 45.455 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Instrument :
MSVOA_D
ClientSampleId :

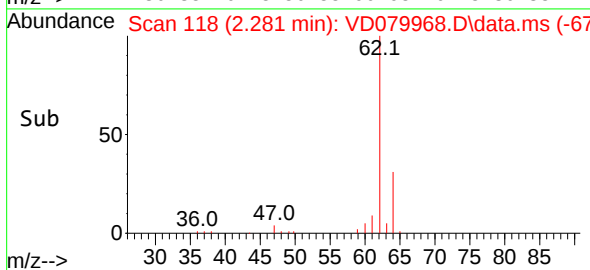
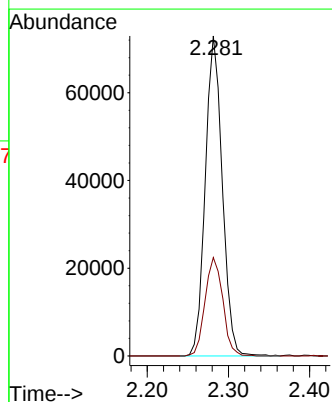
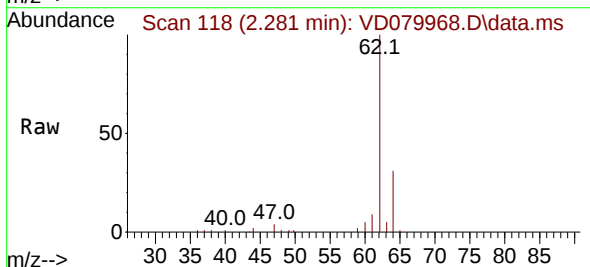


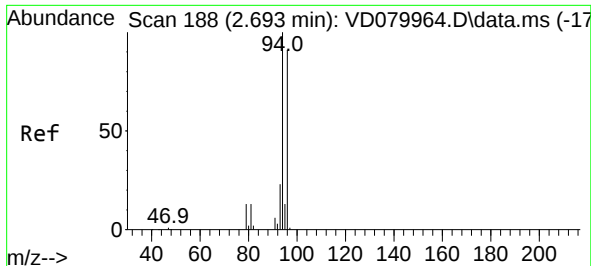
Tgt Ion: 50 Resp: 77215
Ion Ratio Lower Upper
50 100
52 31.7 28.8 43.2



#4
Vinyl Chloride
Concen: 50.167 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 62 Resp: 105956
Ion Ratio Lower Upper
62 100
64 30.8 26.5 39.7

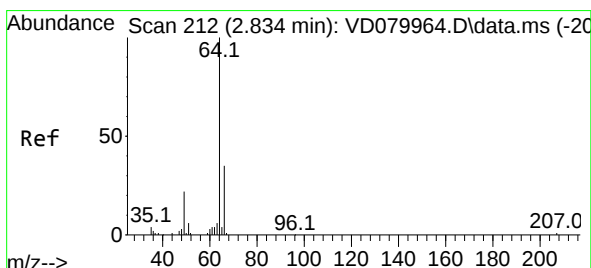
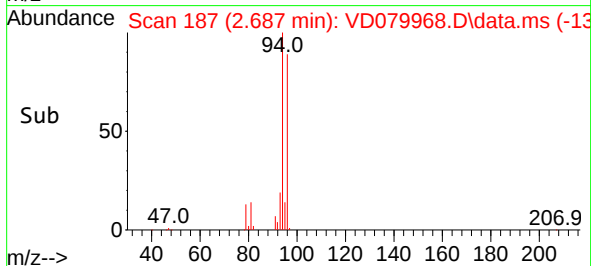
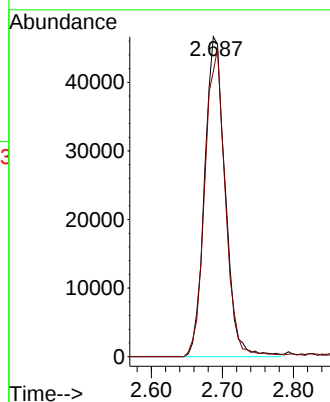
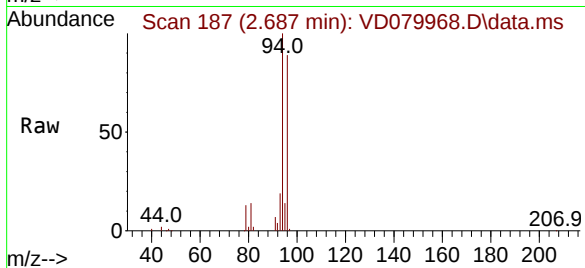




#5
Bromomethane
Concen: 51.715 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

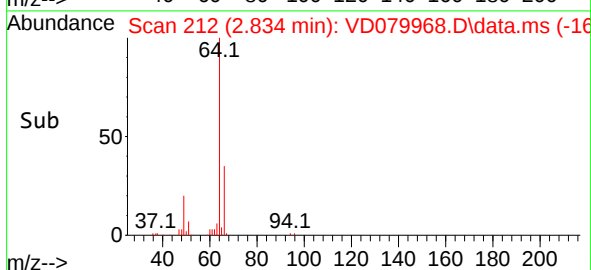
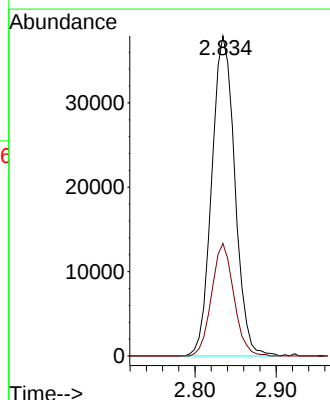
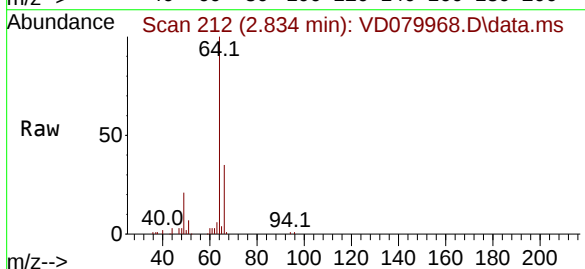
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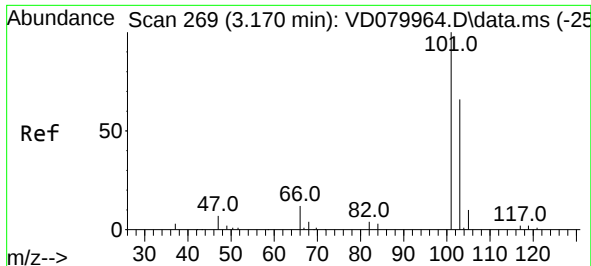
Tgt Ion: 94 Resp: 93963
Ion Ratio Lower Upper
94 100
96 96.1 76.2 114.2



#6
Chloroethane
Concen: 52.025 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 64 Resp: 75011
Ion Ratio Lower Upper
64 100
66 35.1 27.6 41.4

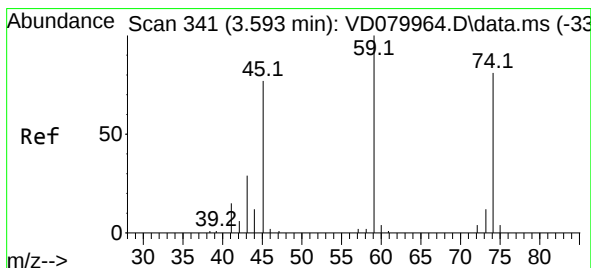
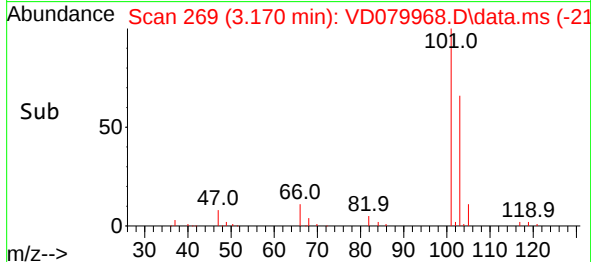
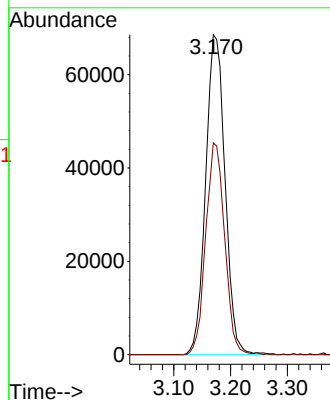
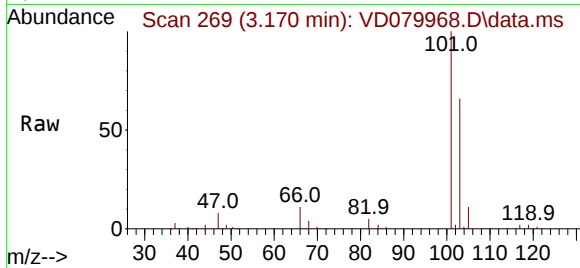




#7
Trichlorofluoromethane
Concen: 48.956 ug/l
RT: 3.170 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

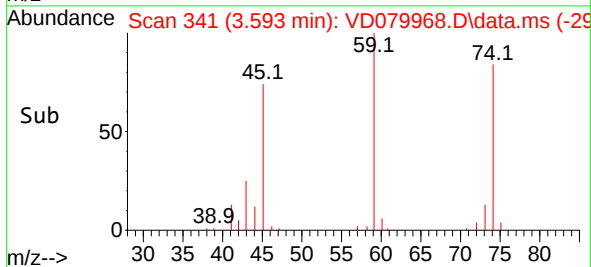
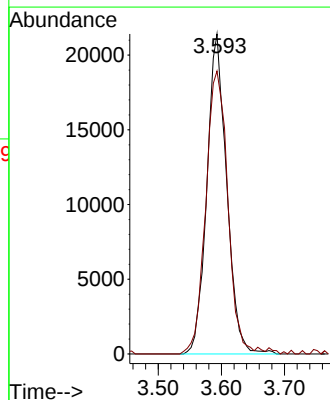
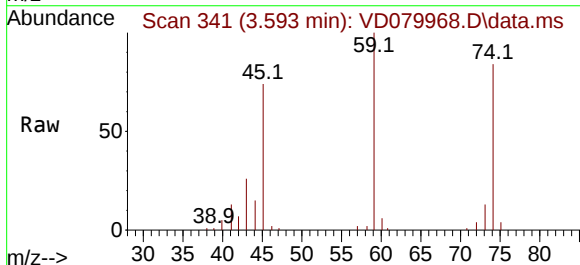
Instrument :
MSVOA_D
ClientSampleId :

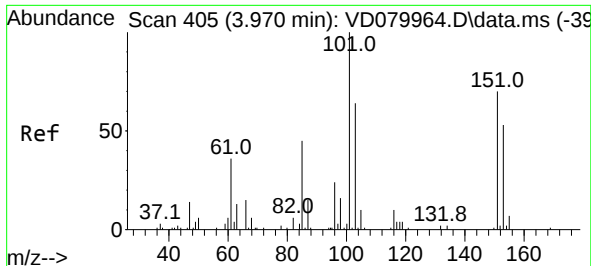
Tgt Ion:101 Resp: 161996
Ion Ratio Lower Upper
101 100
103 66.2 53.0 79.6



#8
Diethyl Ether
Concen: 51.310 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 74 Resp: 46638
Ion Ratio Lower Upper
74 100
45 97.8 47.8 143.3

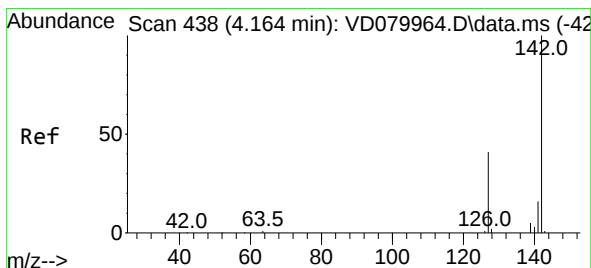
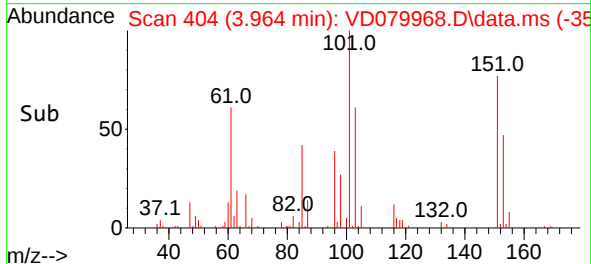
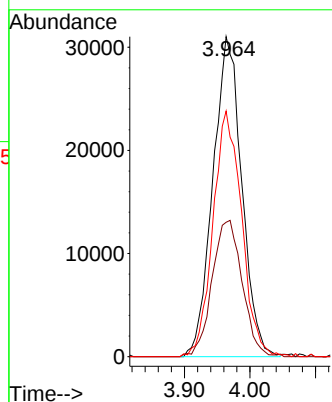
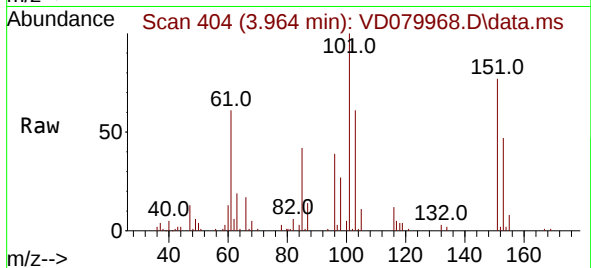




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.659 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

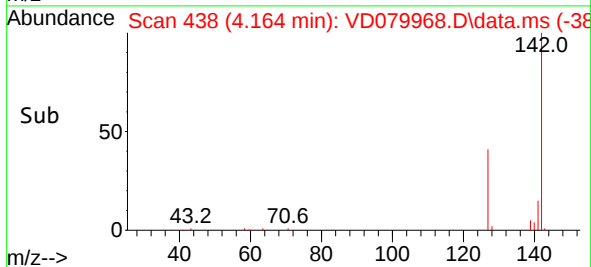
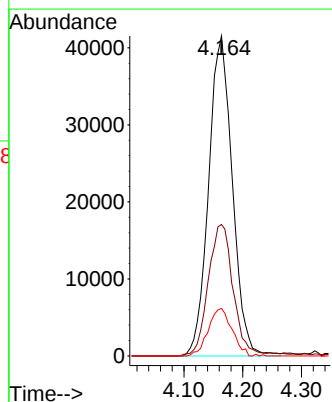
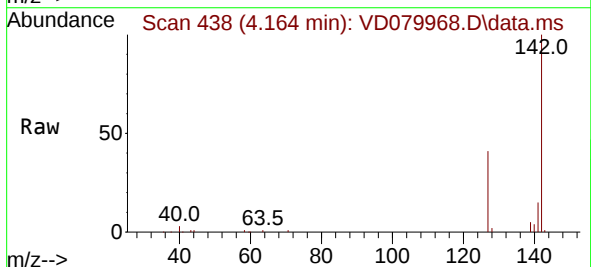
Instrument :
MSVOA_D
ClientSampleId :

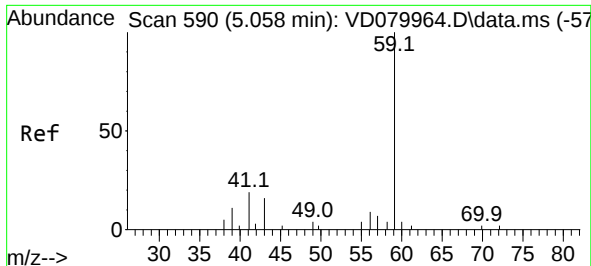
Tgt Ion:101 Resp: 94827
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 76.3 60.3 90.5



#10
Methyl Iodide
Concen: 58.530 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion:142 Resp: 116642
Ion Ratio Lower Upper
142 100
127 42.8 35.3 52.9
141 14.8 12.2 18.2





#11

Tert butyl alcohol

Concen: 231.586 ug/l

RT: 5.058 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

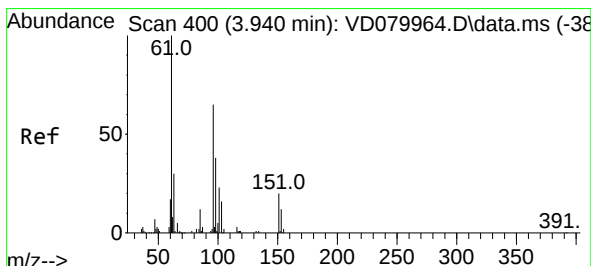
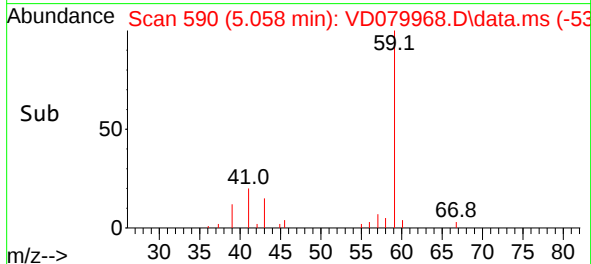
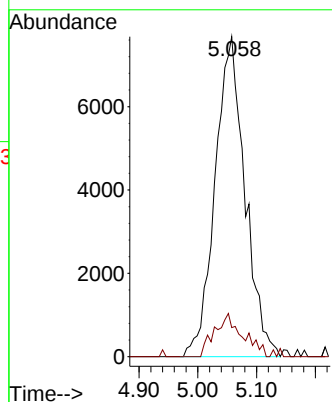
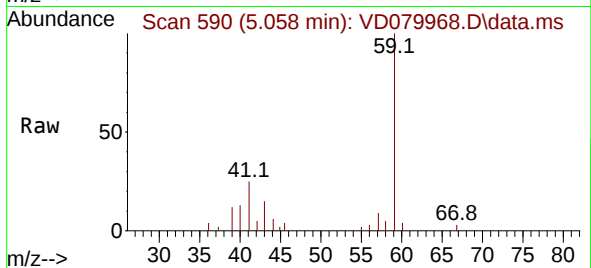
ClientSampleId :

Tgt Ion: 59 Resp: 27114

Ion Ratio Lower Upper

59 100

57 12.6 4.8 7.2#



#12

1,1-Dichloroethene

Concen: 51.973 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

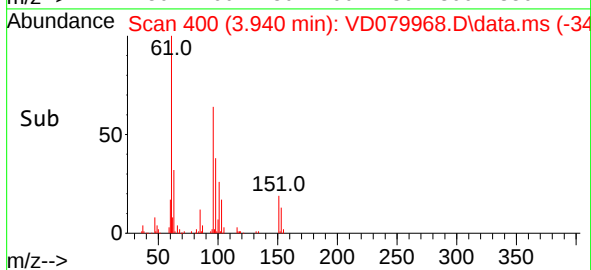
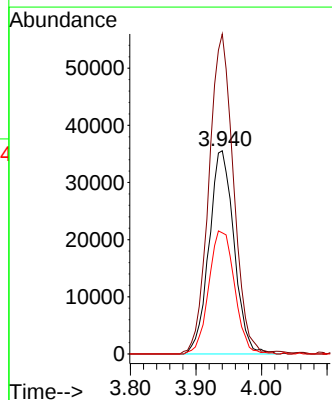
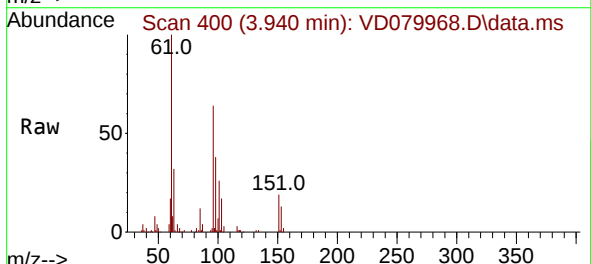
Tgt Ion: 96 Resp: 93967

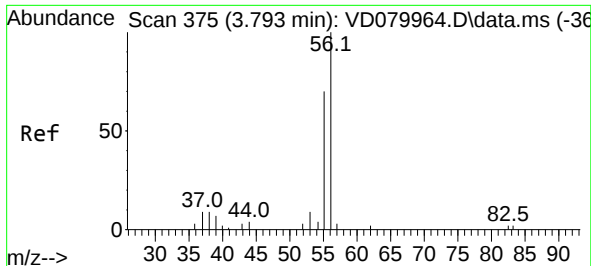
Ion Ratio Lower Upper

96 100

61 157.4 122.6 184.0

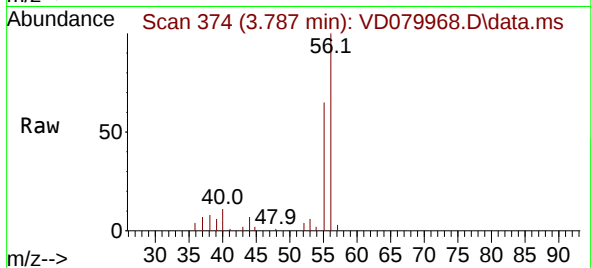
98 59.6 47.1 70.7



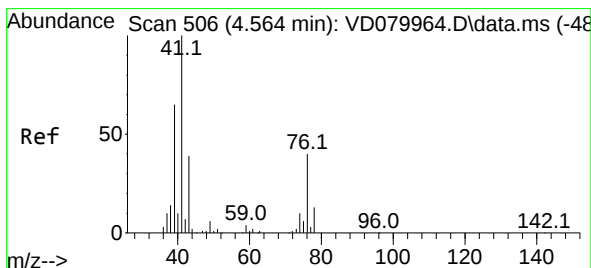
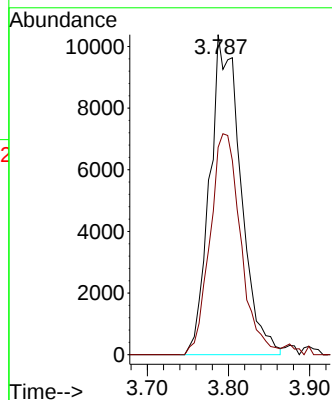
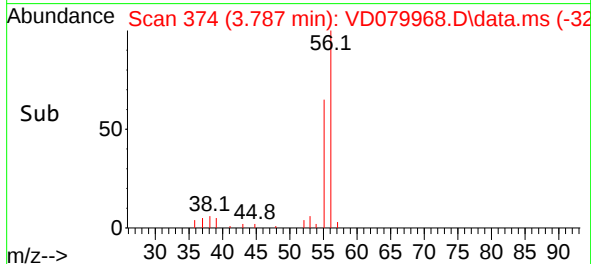


#13
Acrolein
Concen: 218.866 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Instrument :
MSVOA_D
ClientSampleId :

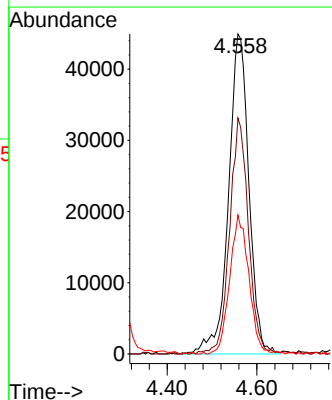
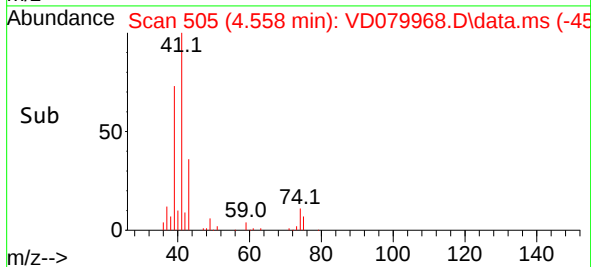
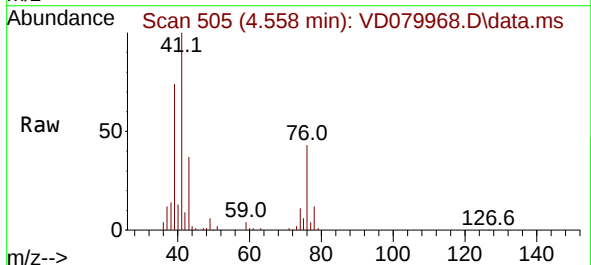


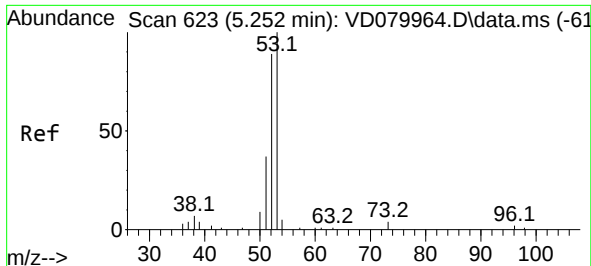
Tgt Ion: 56 Resp: 27475
Ion Ratio Lower Upper
56 100
55 68.5 58.2 87.2



#14
Allyl chloride
Concen: 52.747 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

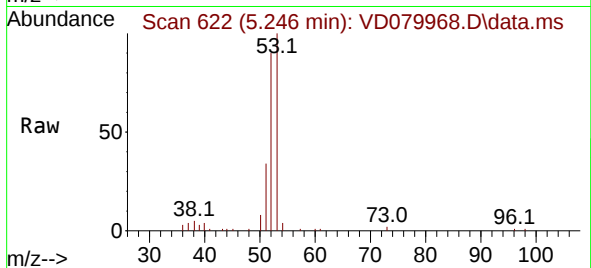
Tgt Ion: 41 Resp: 141653
Ion Ratio Lower Upper
41 100
39 67.8 53.3 79.9
76 40.7 32.0 48.0



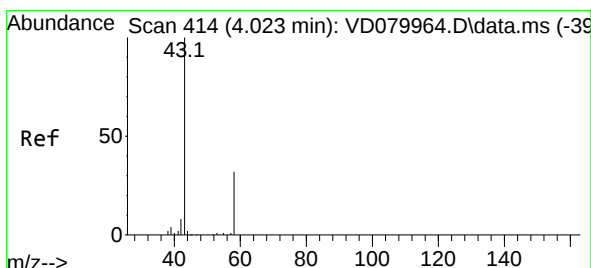
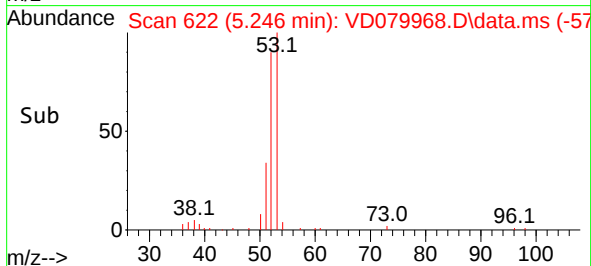
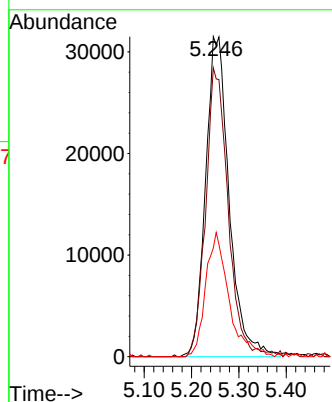


#15
Acrylonitrile
Concen: 251.044 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Instrument :
MSVOA_D
ClientSampleId :

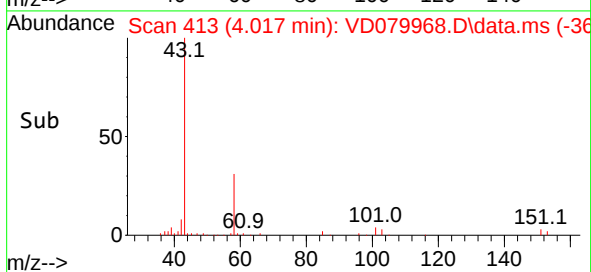
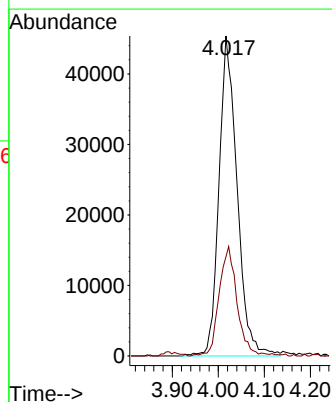
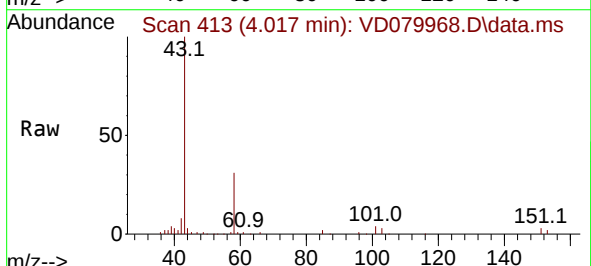


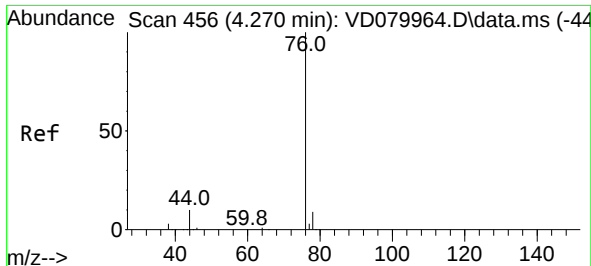
Tgt Ion: 53 Resp: 109032
Ion Ratio Lower Upper
53 100
52 85.8 66.2 99.4
51 38.2 30.3 45.5



#16
Acetone
Concen: 249.166 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 43 Resp: 123628
Ion Ratio Lower Upper
43 100
58 30.7 25.4 38.2

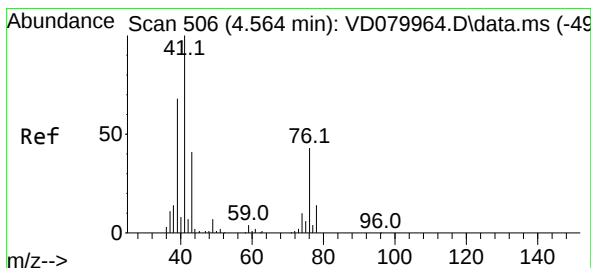
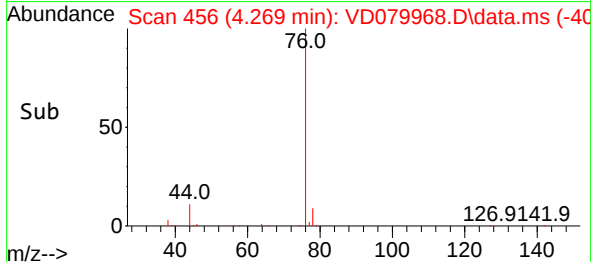
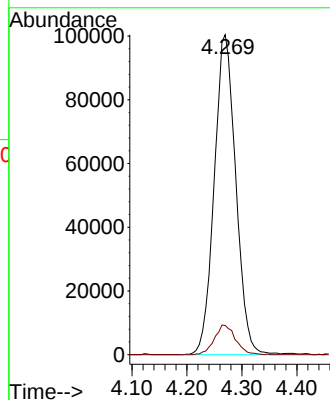
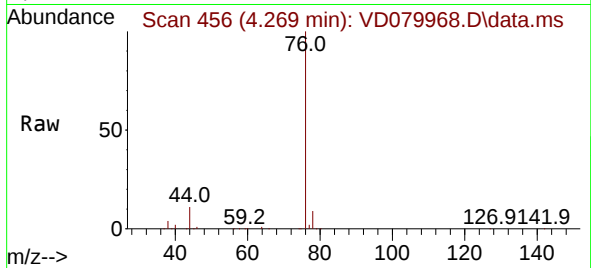




#17
Carbon Disulfide
Concen: 54.300 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

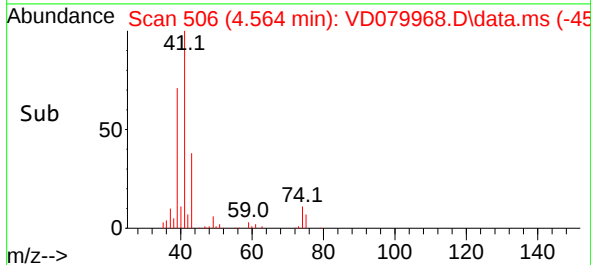
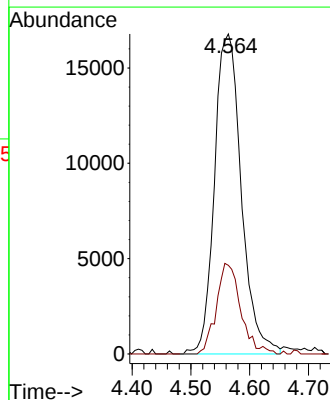
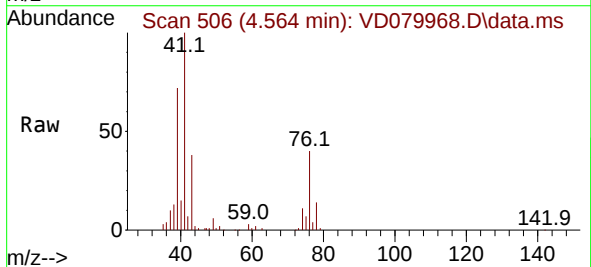
Instrument :
MSVOA_D
ClientSampleId :

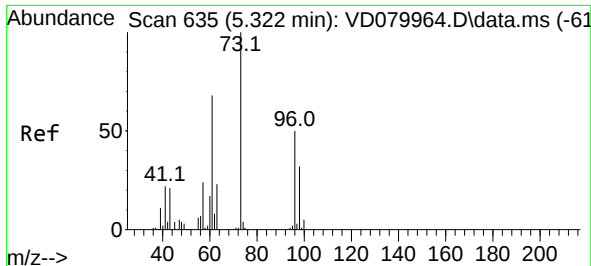
Tgt Ion: 76 Resp: 273660
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 49.921 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 43 Resp: 53171
Ion Ratio Lower Upper
43 100
74 25.1 20.5 30.7





#19

Methyl tert-butyl Ether

Concen: 53.214 ug/l

RT: 5.317 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

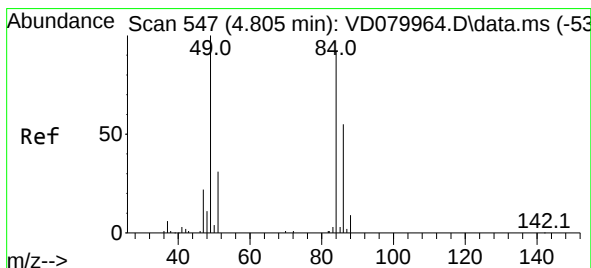
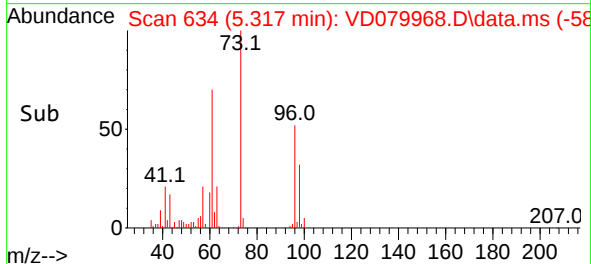
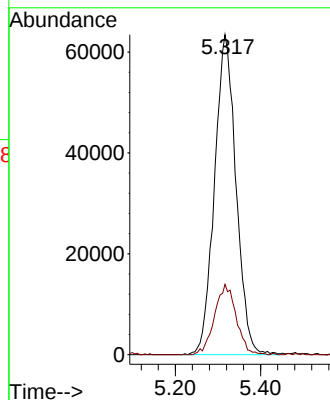
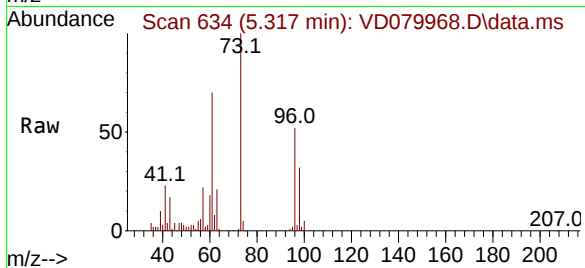
ClientSampleId :

Tgt Ion: 73 Resp: 222206

Ion Ratio Lower Upper

73 100

57 22.0 18.8 28.2



#20

Methylene Chloride

Concen: 55.325 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Tgt Ion: 84 Resp: 114969

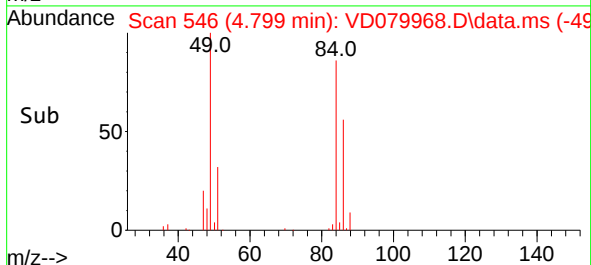
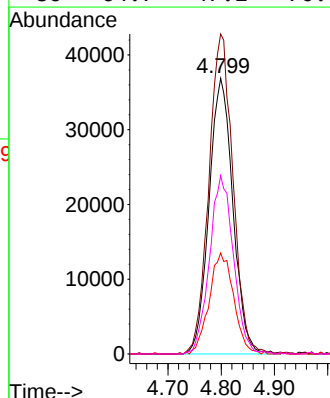
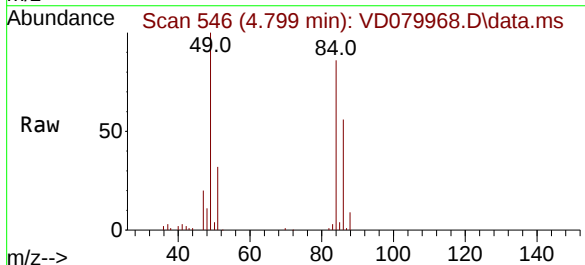
Ion Ratio Lower Upper

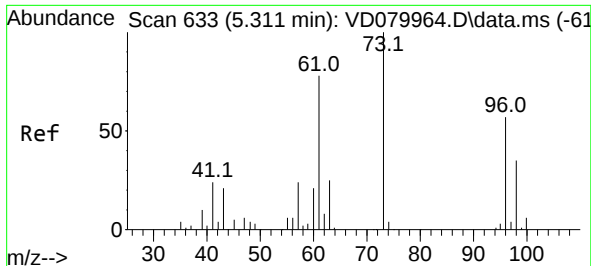
84 100

49 115.6 86.5 129.7

51 36.6 26.9 40.3

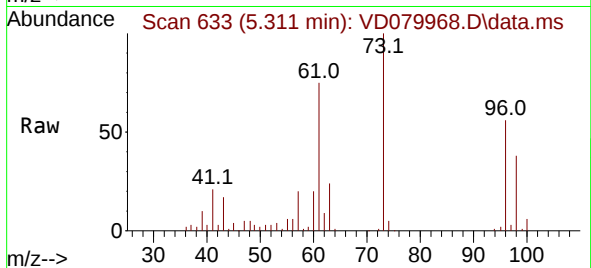
86 64.7 47.2 70.8



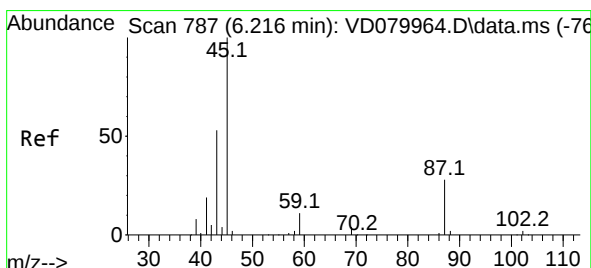
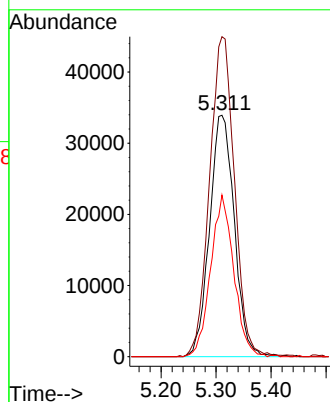
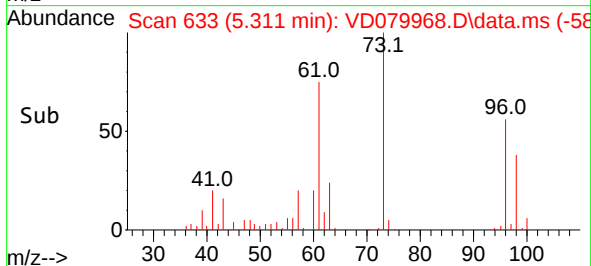


#21
trans-1,2-Dichloroethene
Concen: 54.694 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

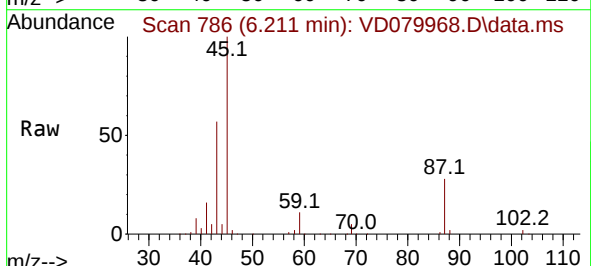
Instrument :
MSVOA_D
ClientSampleId :



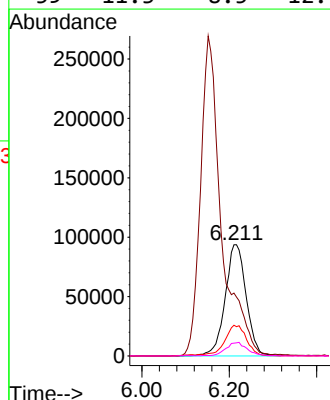
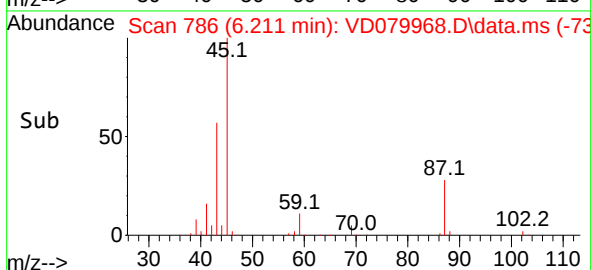
Tgt Ion: 96 Resp: 106183
Ion Ratio Lower Upper
96 100
61 132.1 109.4 164.0
98 66.9 49.8 74.8

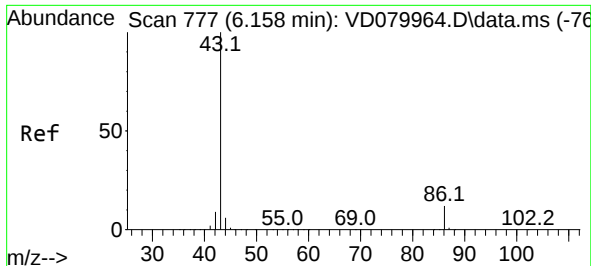


#22
Diisopropyl ether
Concen: 53.687 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32



Tgt Ion: 45 Resp: 312679
Ion Ratio Lower Upper
45 100
43 56.2 42.6 63.8
87 27.6 22.7 34.1
59 11.3 8.5 12.7

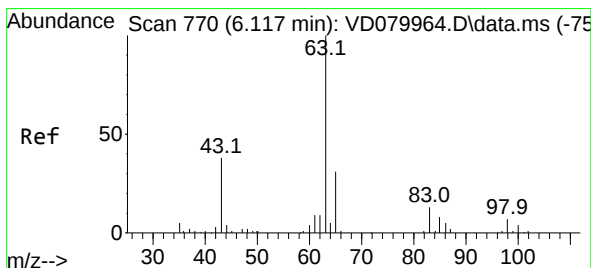
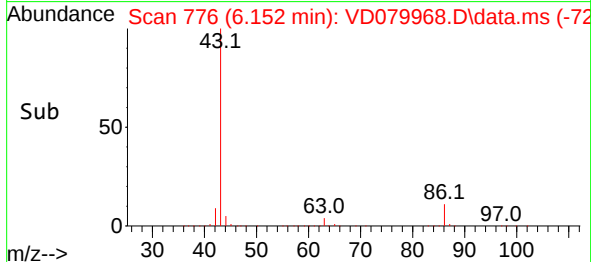
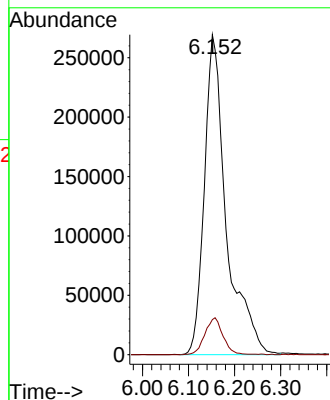
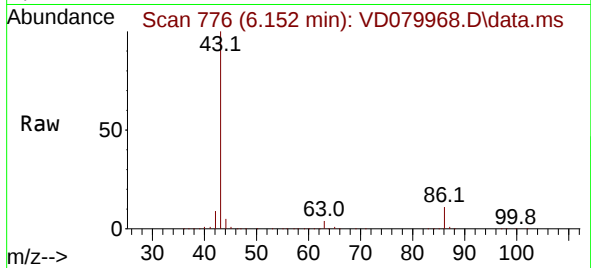




#23
 Vinyl Acetate
 Concen: 274.005 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD079968.D
 Acq: 11 Oct 2024 16:32

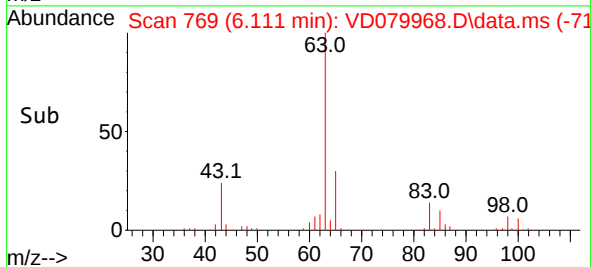
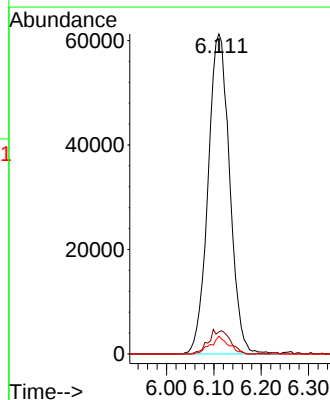
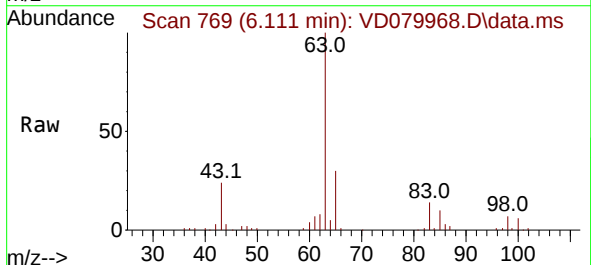
Instrument :
 MSVOA_D
 ClientSampleId :

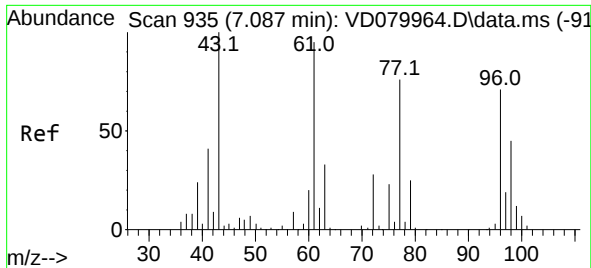
Tgt Ion: 43 Resp: 896634
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 50.564 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD079968.D
 Acq: 11 Oct 2024 16:32

Tgt Ion: 63 Resp: 194019
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 5.5 2.1 6.5

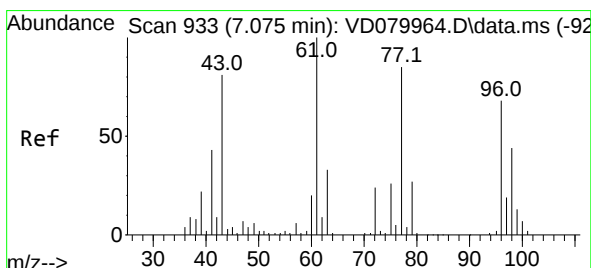
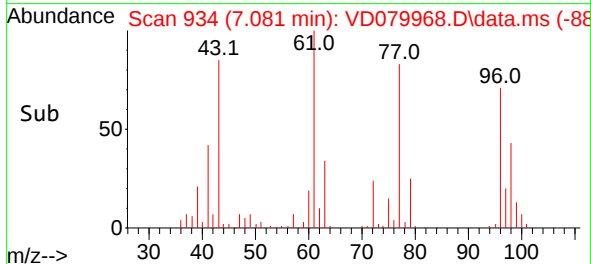
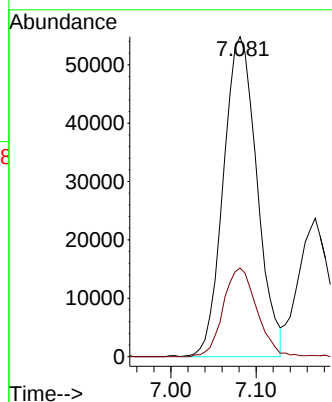
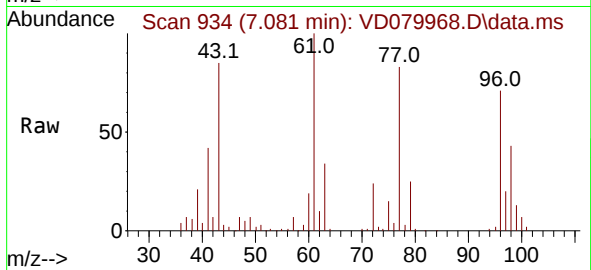




#25
2-Butanone
Concen: 249.114 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

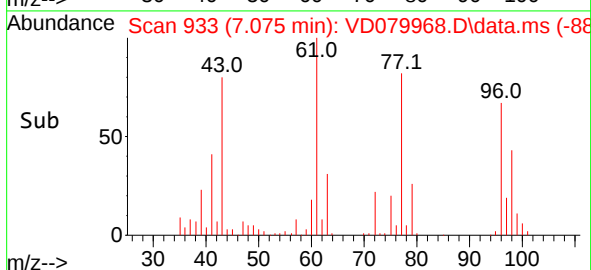
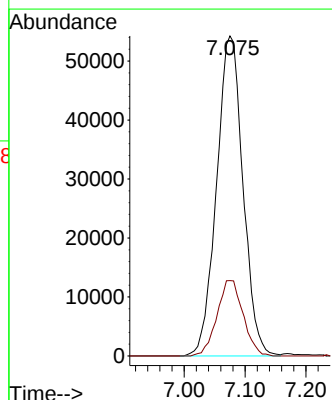
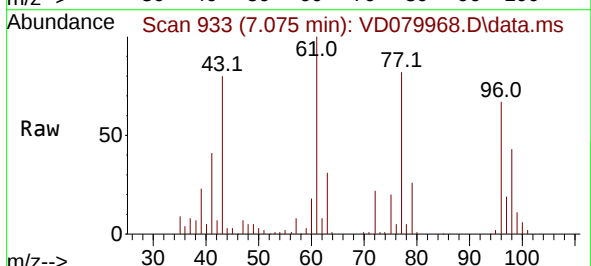
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 150509
Ion Ratio Lower Upper
43 100
72 27.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 49.295 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 77 Resp: 163655
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 50.845 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

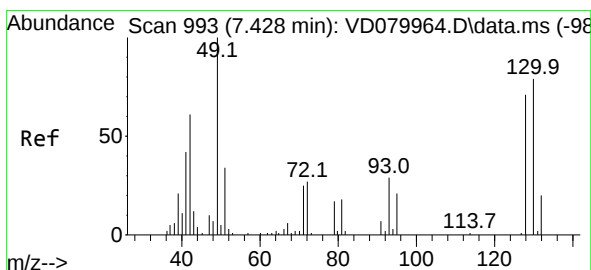
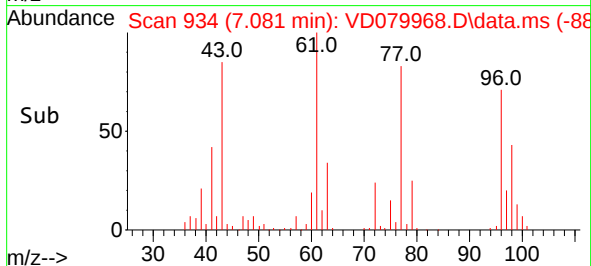
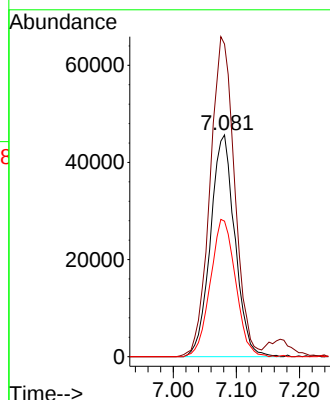
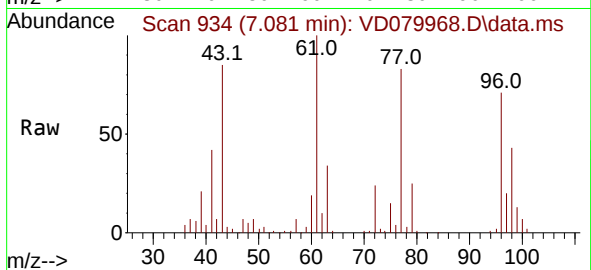
Tgt Ion: 96 Resp: 122753

Ion Ratio Lower Upper

96 100

61 145.4 0.0 278.2

98 63.9 0.0 127.8



#28

Bromochloromethane

Concen: 48.062 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

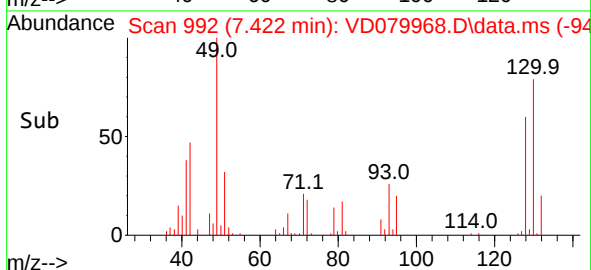
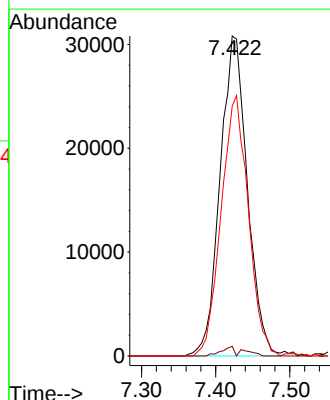
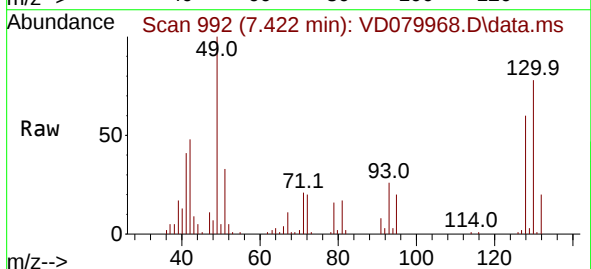
Tgt Ion: 49 Resp: 78712

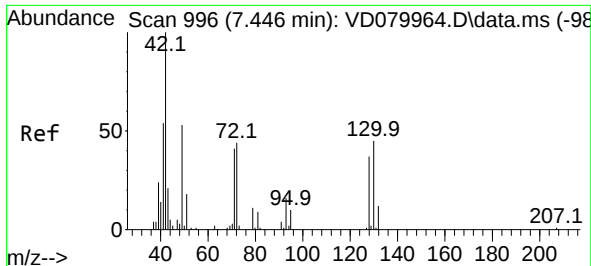
Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.2

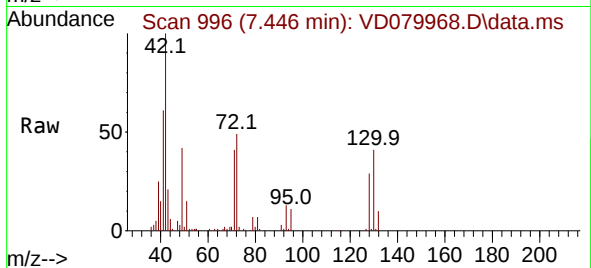
130 0.0 64.6 97.0



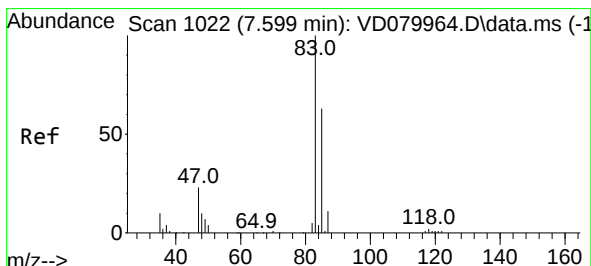
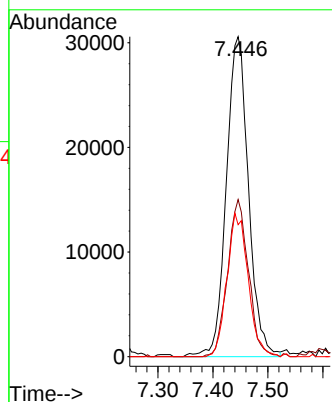
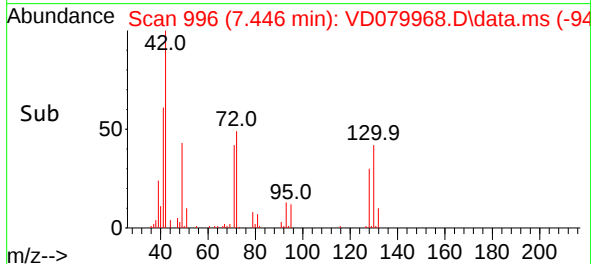


#29
Tetrahydrofuran
Concen: 265.092 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Instrument :
MSVOA_D
ClientSampleId :

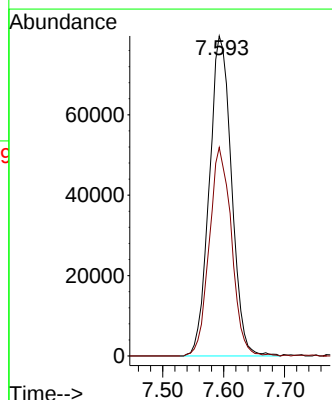
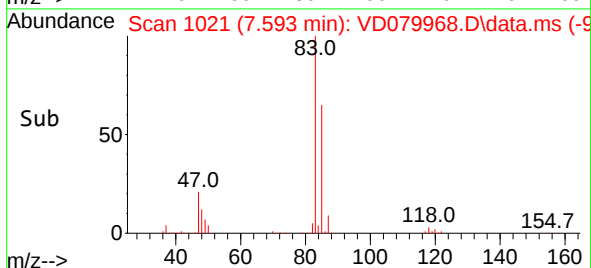
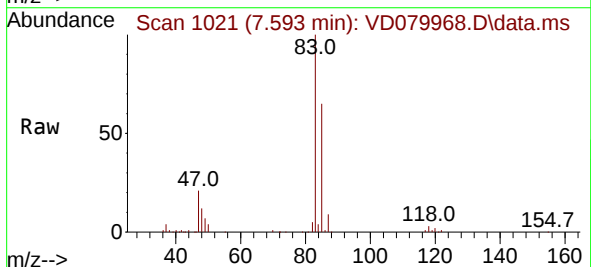


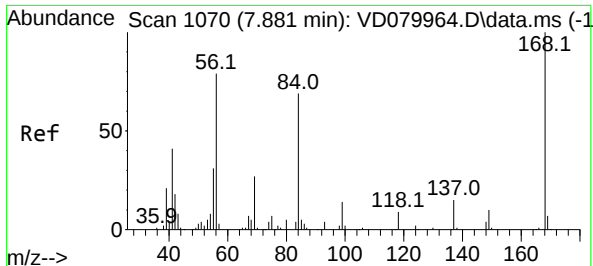
Tgt Ion: 42 Resp: 85657
Ion Ratio Lower Upper
42 100
72 46.2 36.7 55.1
71 42.8 34.4 51.6



#30
Chloroform
Concen: 49.710 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 83 Resp: 202046
Ion Ratio Lower Upper
83 100
85 65.2 50.8 76.2





#31

Cyclohexane

Concen: 49.766 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

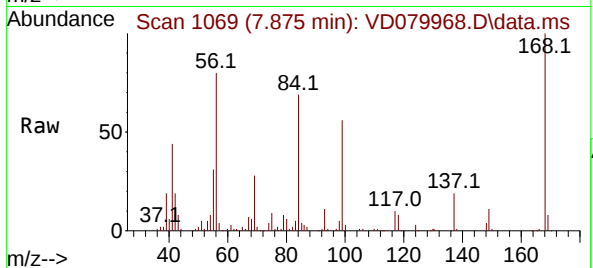
Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :



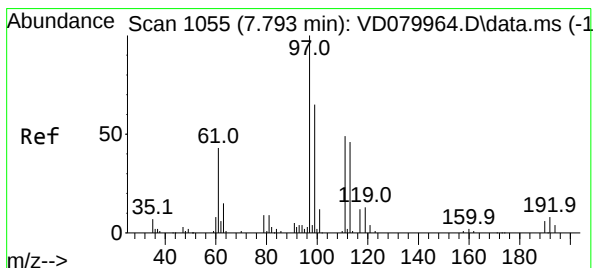
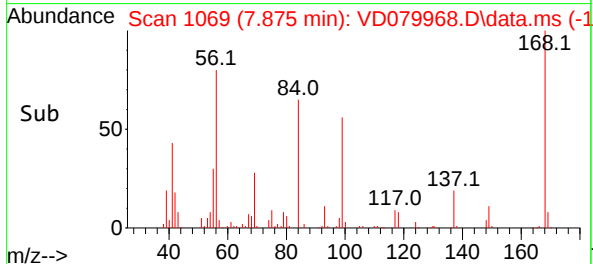
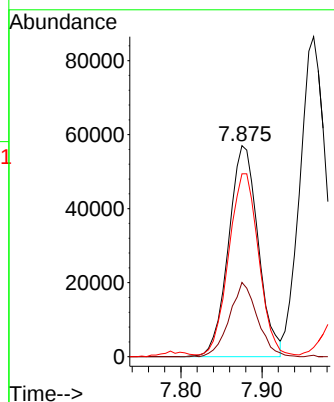
Tgt Ion: 56 Resp: 144752

Ion Ratio Lower Upper

56 100

69 35.2 27.3 40.9

84 84.5 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 49.824 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

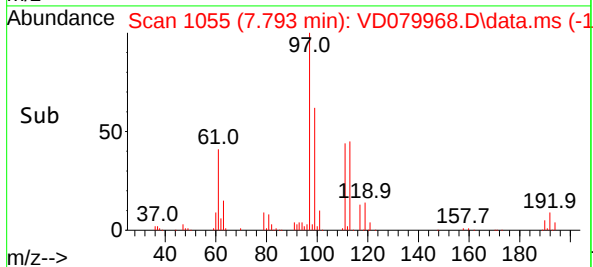
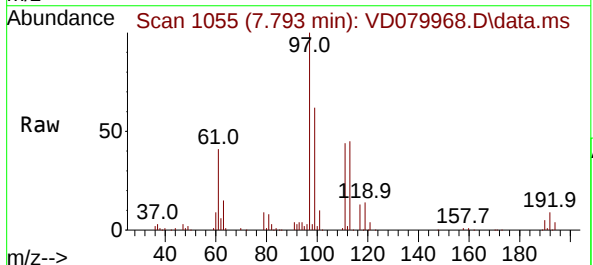
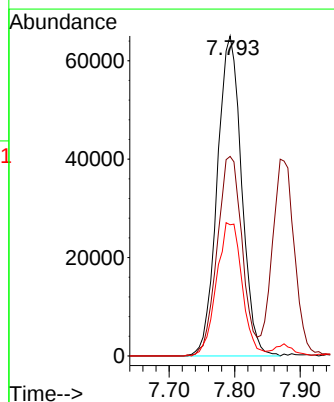
Tgt Ion: 97 Resp: 167754

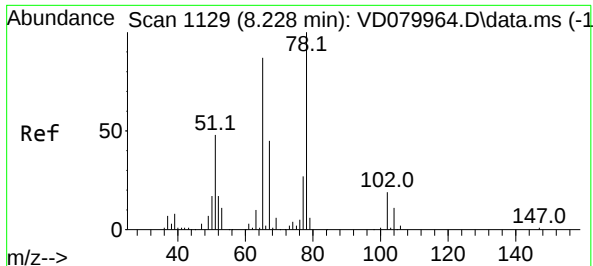
Ion Ratio Lower Upper

97 100

99 63.8 50.7 76.1

61 43.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.349 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

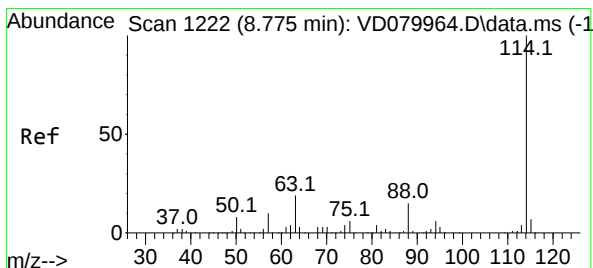
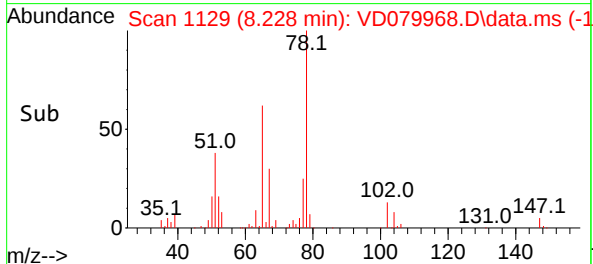
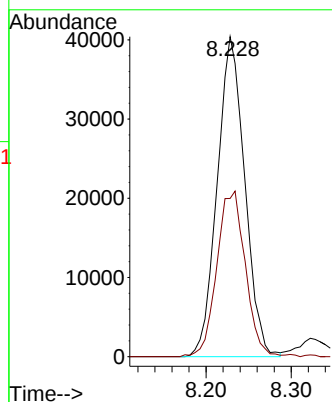
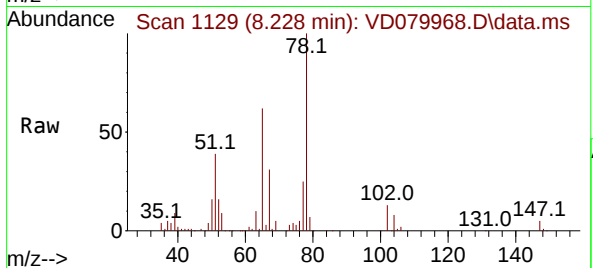
ClientSampleId :

Tgt Ion: 65 Resp: 90636

Ion Ratio Lower Upper

65 100

67 53.7 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: VD079968.D

Acq: 11 Oct 2024 16:32

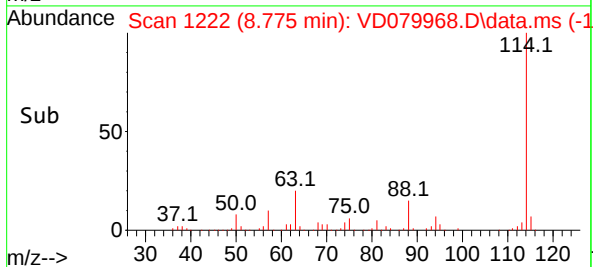
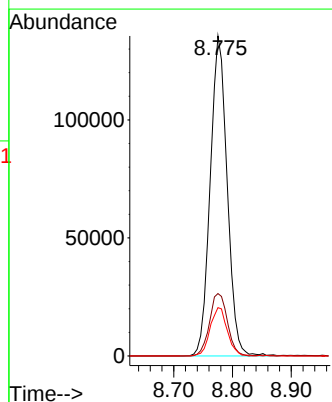
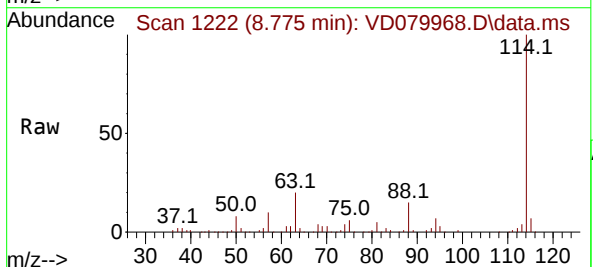
Tgt Ion: 114 Resp: 271493

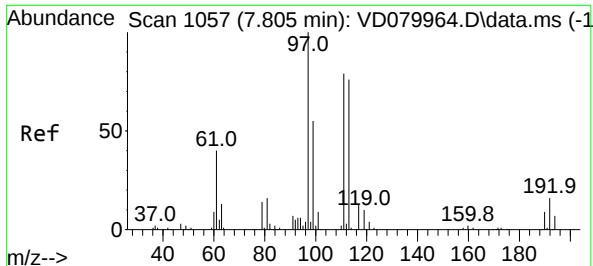
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.027 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

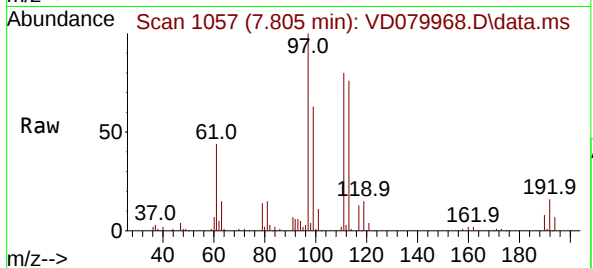
Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

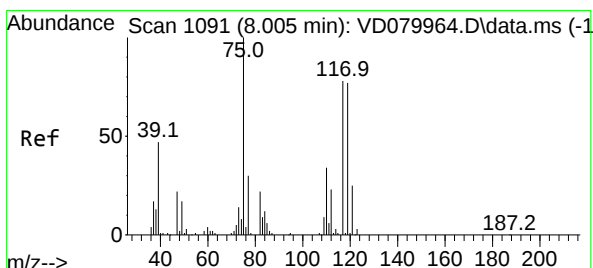
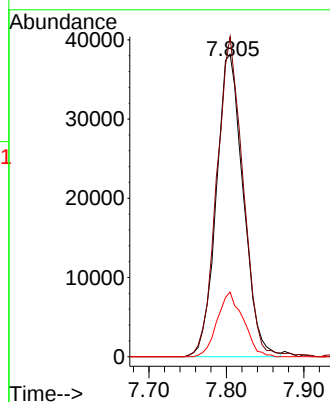
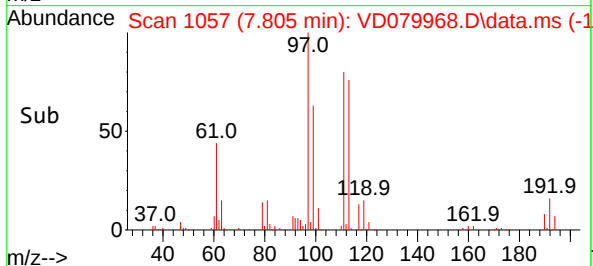
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	92151
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.5	123.7
192	20.7	16.6	25.0



#36

1,1-Dichloropropene

Concen: 51.005 ug/l

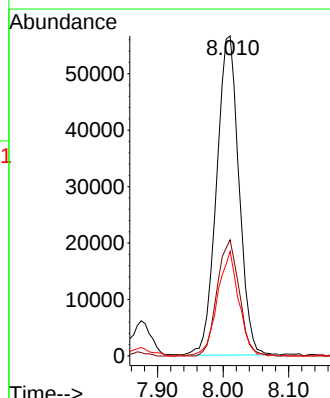
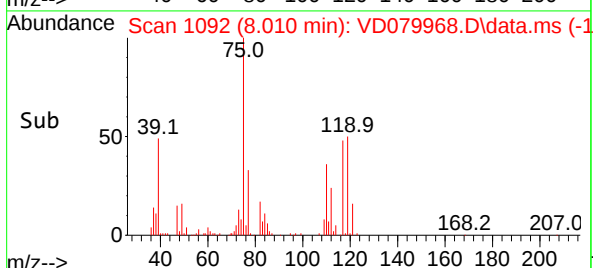
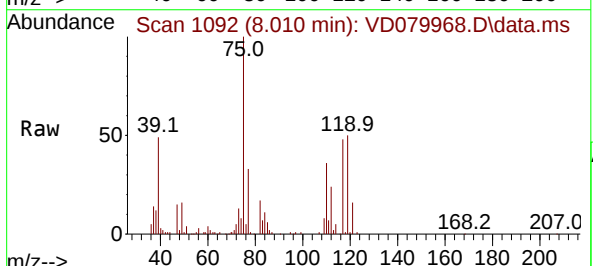
RT: 8.010 min Scan# 1092

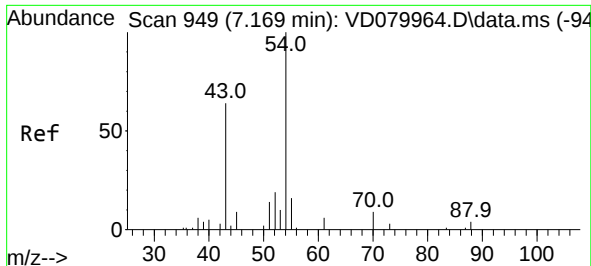
Delta R.T. 0.006 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Tgt Ion:	75	Resp:	133956
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.4	55.0
77	31.4	25.6	38.4





#37

Ethyl Acetate

Concen: 49.352 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

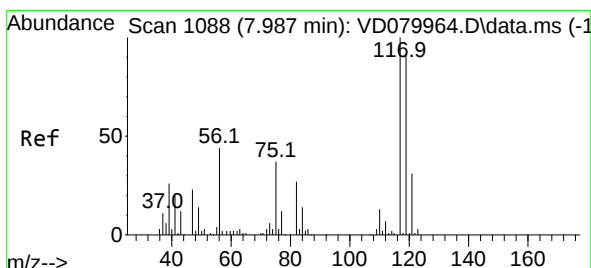
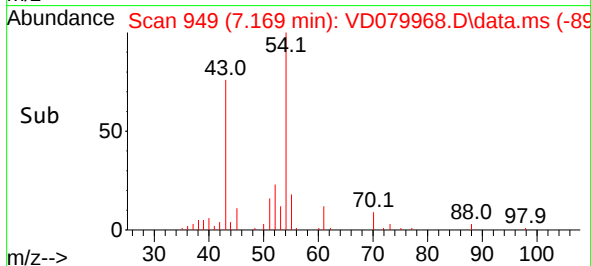
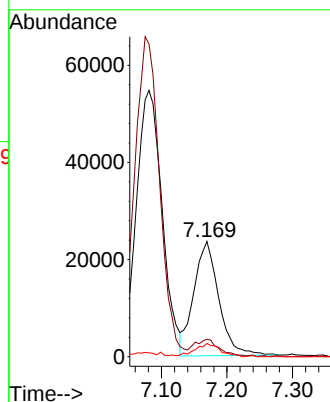
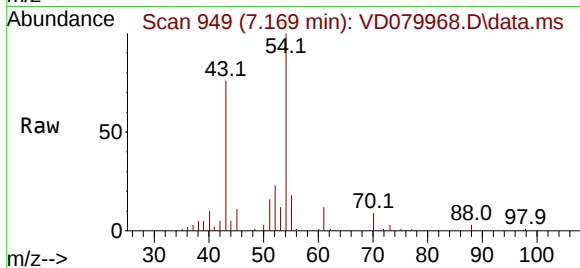
Tgt Ion: 43 Resp: 62749

Ion Ratio Lower Upper

43 100

61 15.5 11.0 16.4

70 11.4 9.4 14.2



#38

Carbon Tetrachloride

Concen: 48.994 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

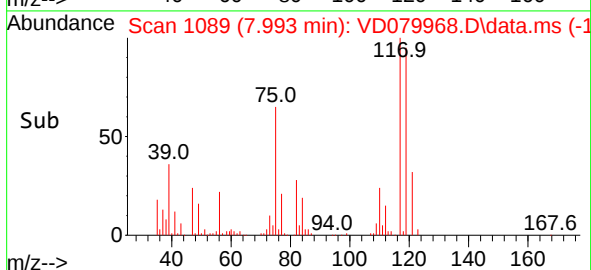
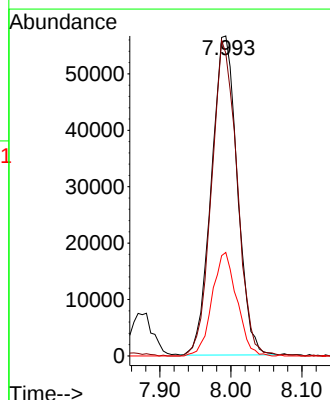
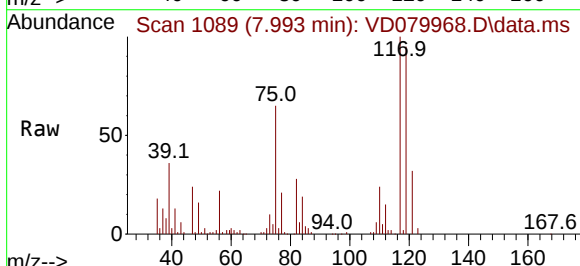
Tgt Ion: 117 Resp: 142991

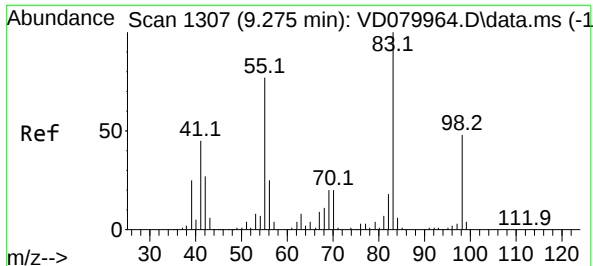
Ion Ratio Lower Upper

117 100

119 95.0 73.4 110.0

121 32.4 24.5 36.7





#39

Methylcyclohexane

Concen: 53.467 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

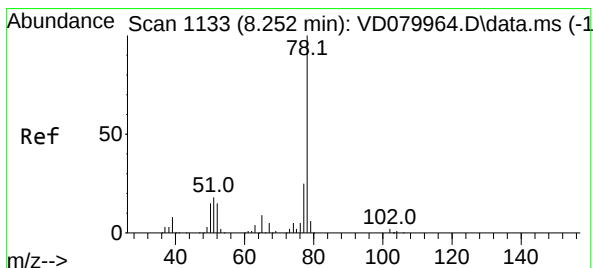
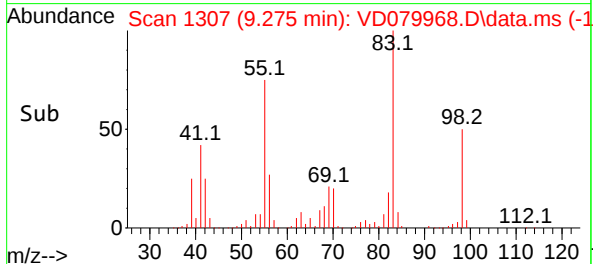
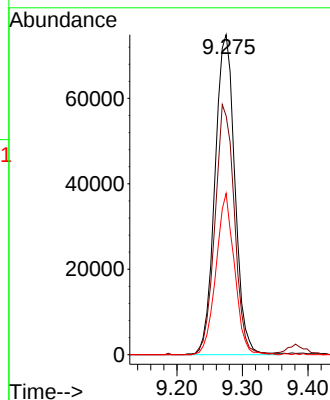
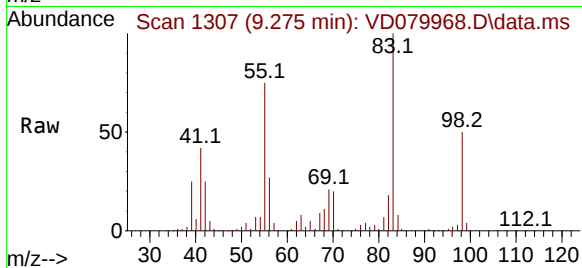
Tgt Ion: 83 Resp: 157577

Ion Ratio Lower Upper

83 100

55 74.7 62.0 93.0

98 50.4 38.7 58.1



#40

Benzene

Concen: 51.475 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079968.D

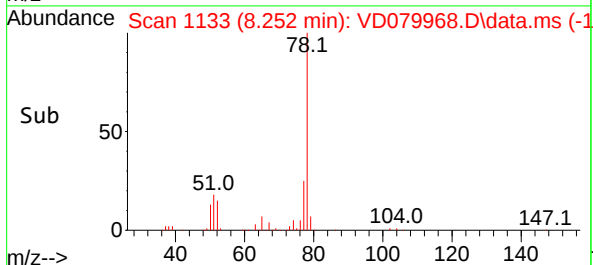
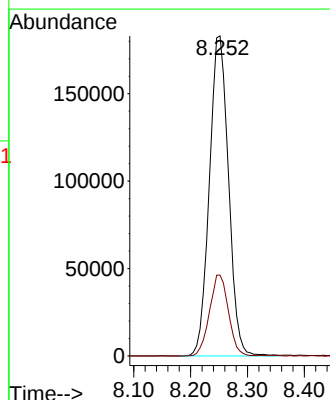
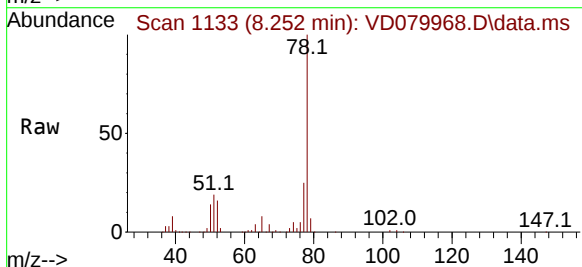
Acq: 11 Oct 2024 16:32

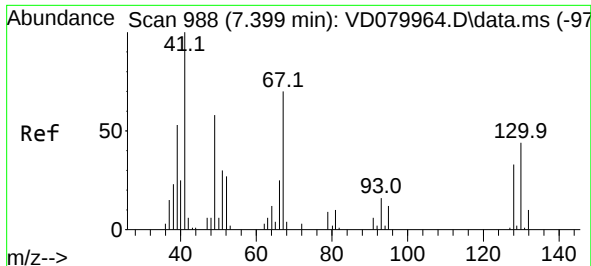
Tgt Ion: 78 Resp: 427520

Ion Ratio Lower Upper

78 100

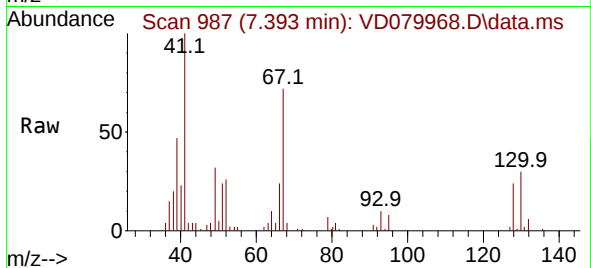
77 25.3 20.2 30.4



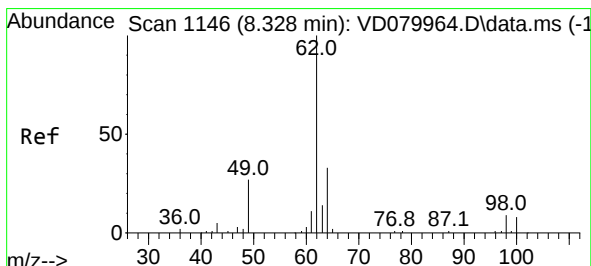
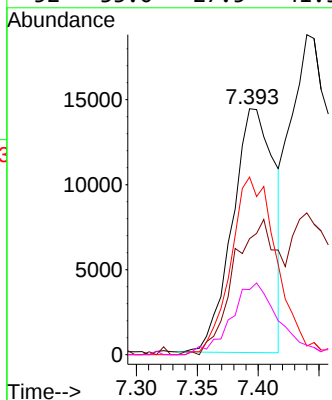
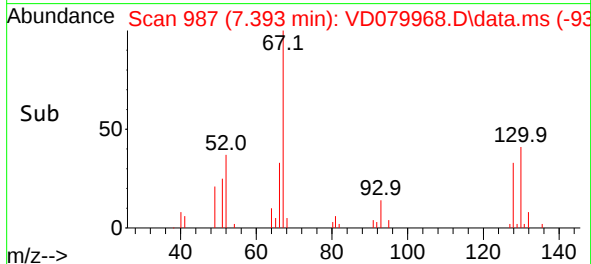


#41
Methacrylonitrile
Concen: 51.617 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Instrument :
MSVOA_D
ClientSampleId :

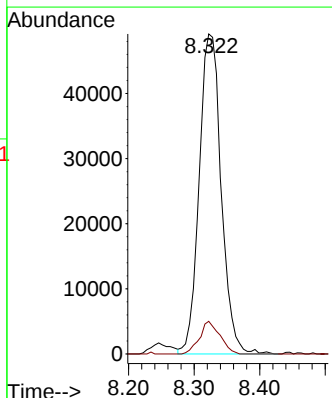
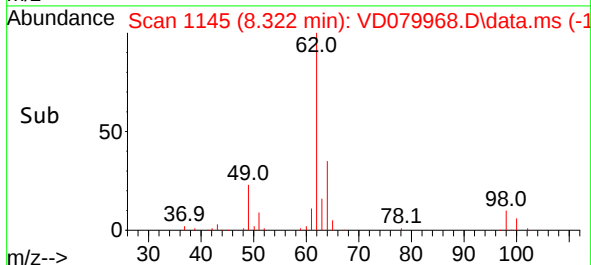
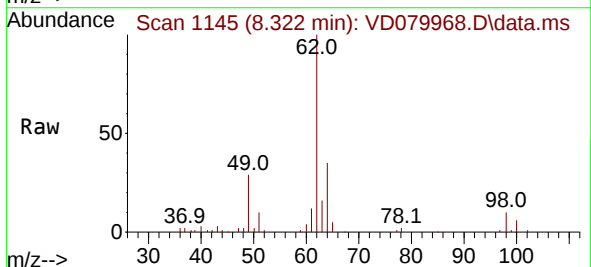


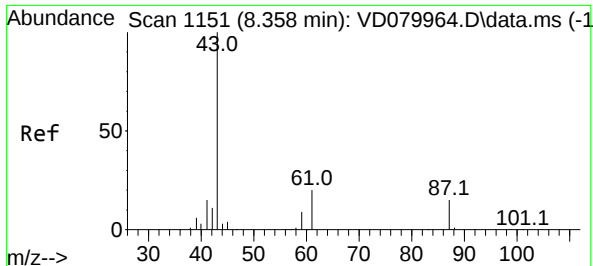
Tgt Ion:	41	Resp:	34466
Ion	Ratio	Lower	Upper
41	100		
39	60.6	47.8	71.8
67	80.1	64.9	97.3
52	33.0	27.5	41.3



#42
1,2-Dichloroethane
Concen: 50.299 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion:	62	Resp:	114885
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 50.657 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

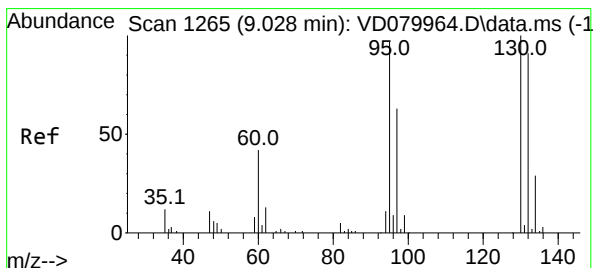
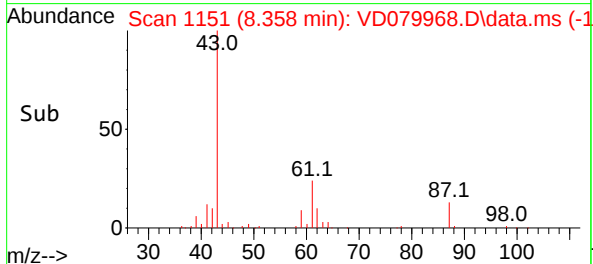
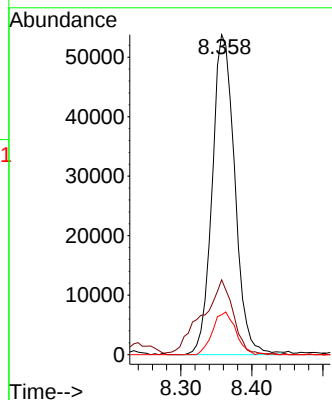
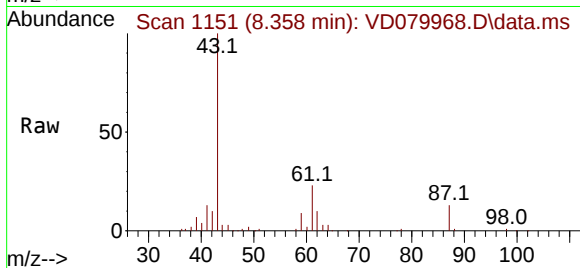
Tgt Ion: 43 Resp: 118663

Ion Ratio Lower Upper

43 100

61 32.4 26.2 39.2

87 13.8 11.8 17.8



#44

Trichloroethene

Concen: 51.594 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079968.D

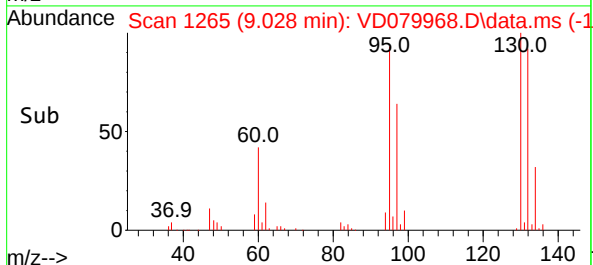
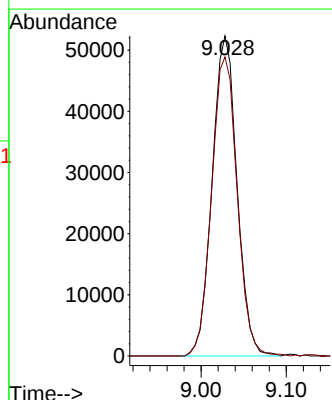
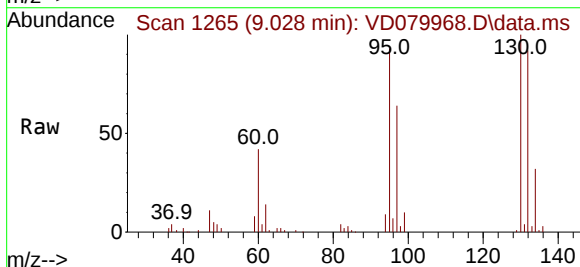
Acq: 11 Oct 2024 16:32

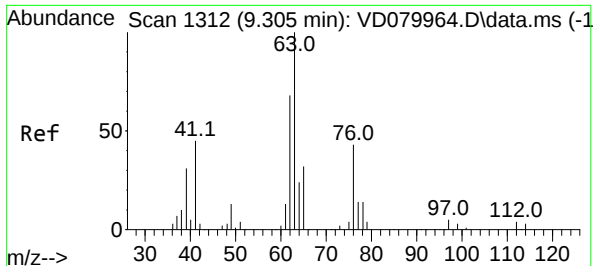
Tgt Ion:130 Resp: 106004

Ion Ratio Lower Upper

130 100

95 93.4 0.0 194.6





#45

1,2-Dichloropropane

Concen: 51.568 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

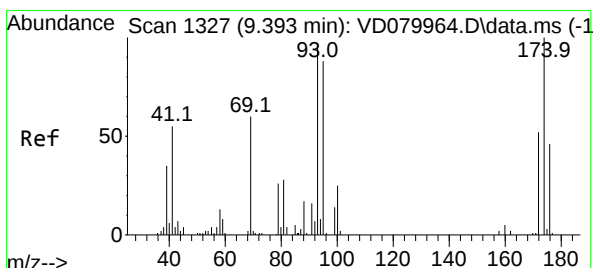
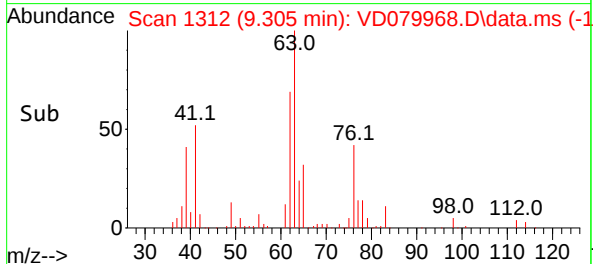
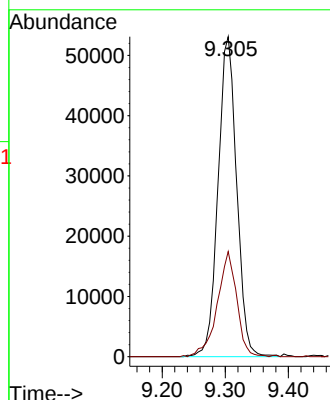
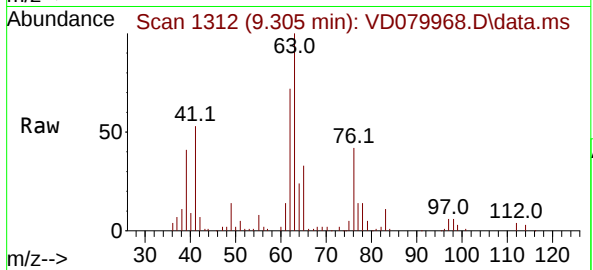
ClientSampleId :

Tgt Ion: 63 Resp: 108606

Ion Ratio Lower Upper

63 100

65 32.9 26.2 39.4



#46

Dibromomethane

Concen: 50.866 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

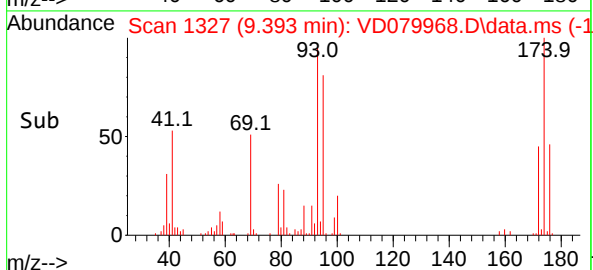
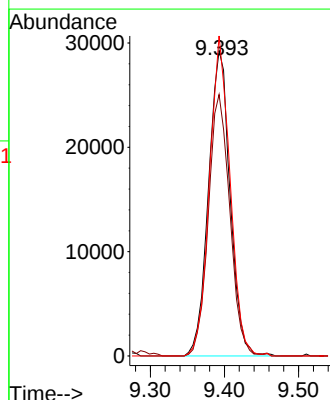
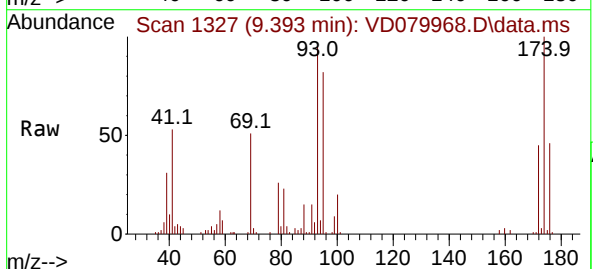
Tgt Ion: 93 Resp: 59108

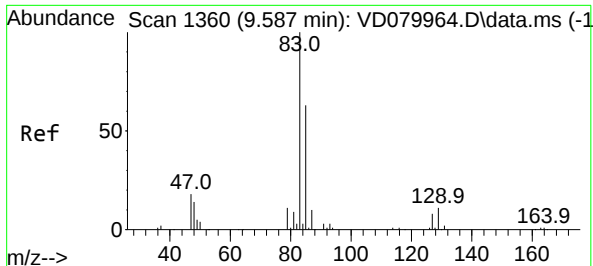
Ion Ratio Lower Upper

93 100

95 85.5 67.9 101.9

174 100.3 80.5 120.7





#47

Bromodichloromethane

Concen: 50.130 ug/l

RT: 9.587 min Scan# 1

Delta R.T. -0.000 min

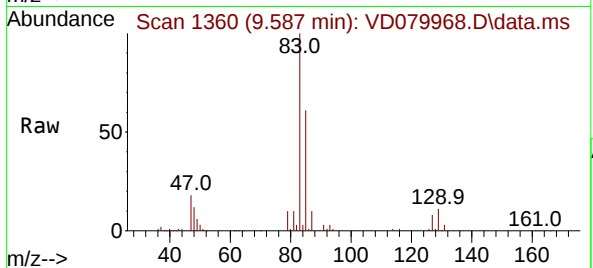
Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :



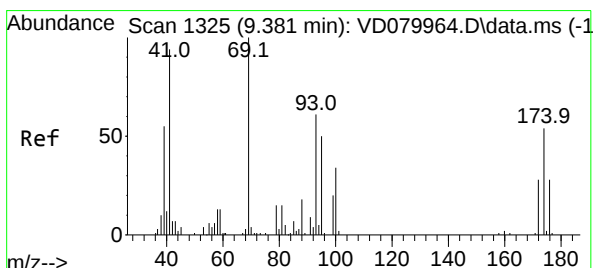
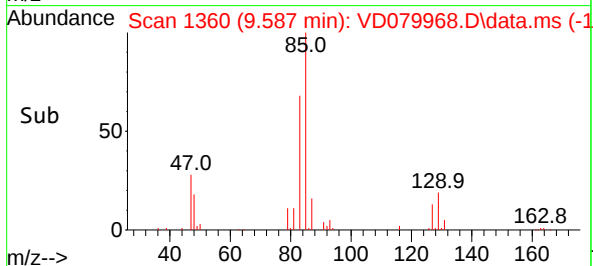
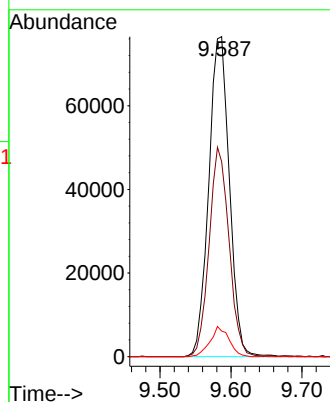
Tgt Ion: 83 Resp: 154493

Ion Ratio Lower Upper

83 100

85 60.9 50.6 75.8

127 8.0 6.1 9.1



#48

Methyl methacrylate

Concen: 54.432 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

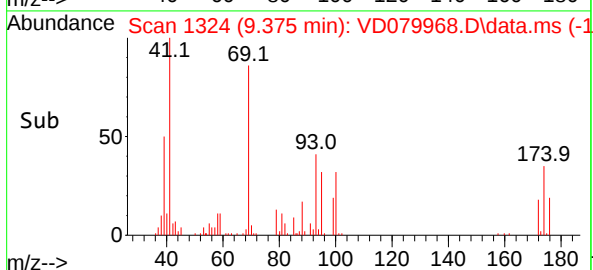
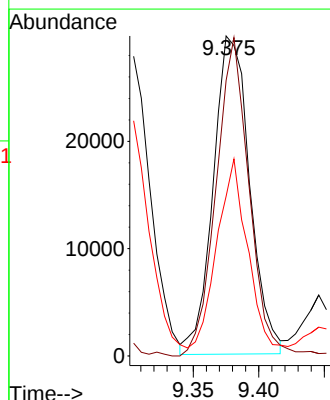
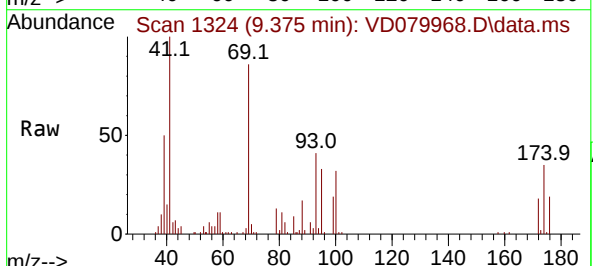
Tgt Ion: 41 Resp: 57434

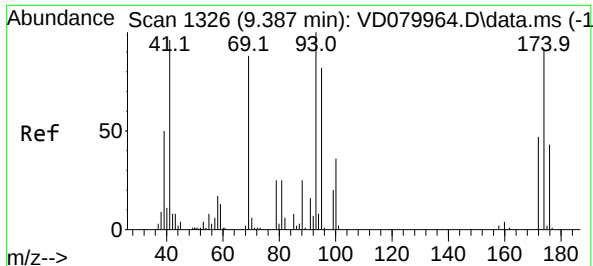
Ion Ratio Lower Upper

41 100

69 90.8 74.0 111.0

39 50.0 41.9 62.9





#49

1,4-Dioxane

Concen: 1047.099 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

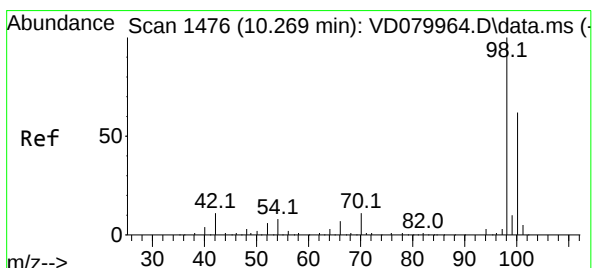
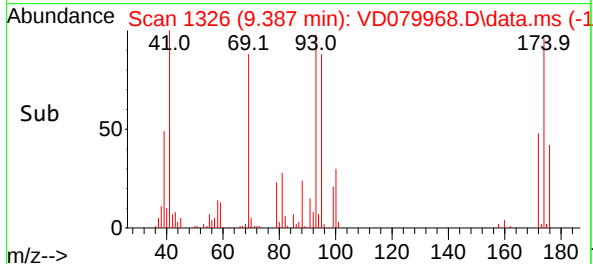
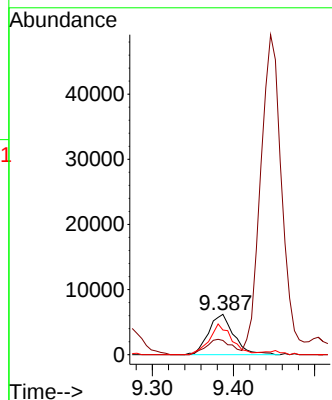
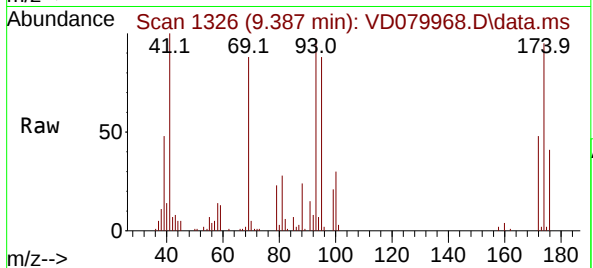
Tgt Ion: 88 Resp: 13370

Ion Ratio Lower Upper

88 100

43 38.5 29.1 43.7

58 68.0 59.9 89.9



#50

Toluene-d8

Concen: 48.872 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079968.D

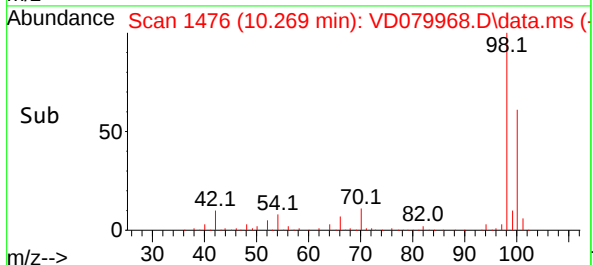
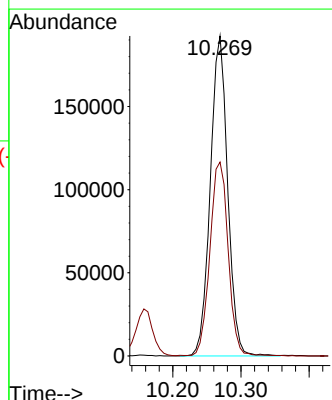
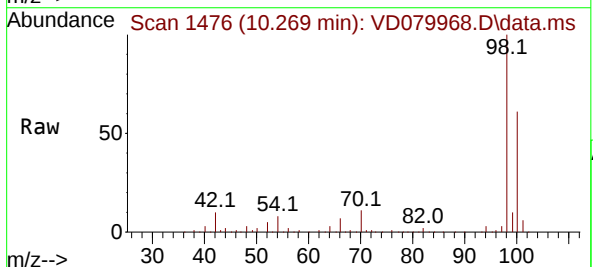
Acq: 11 Oct 2024 16:32

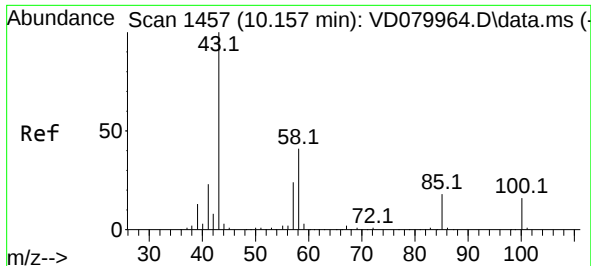
Tgt Ion: 98 Resp: 341271

Ion Ratio Lower Upper

98 100

100 63.6 50.2 75.4

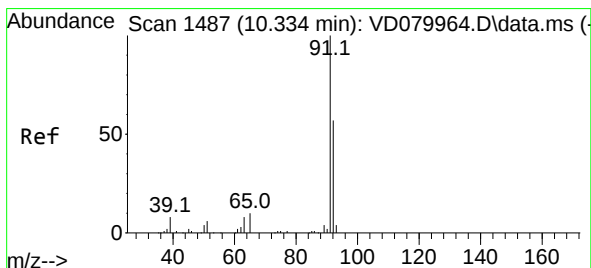
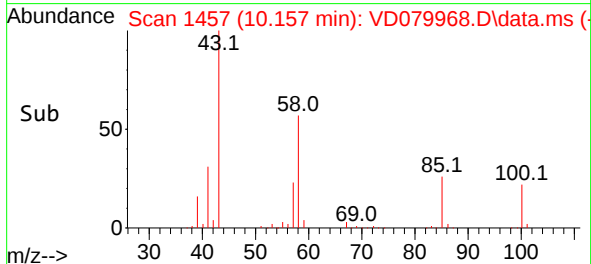
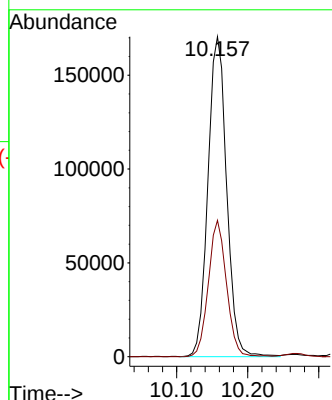
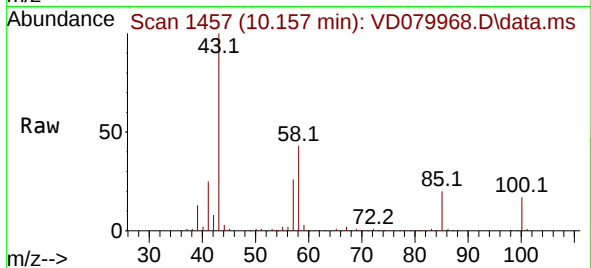




#51
4-Methyl-2-Pentanone
Concen: 260.552 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

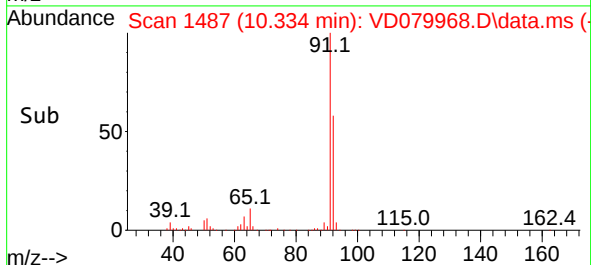
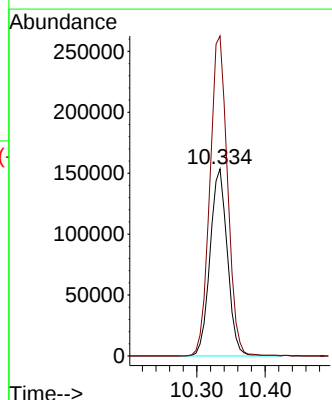
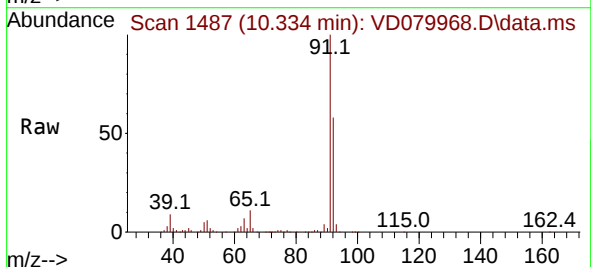
Instrument :
MSVOA_D
ClientSampleId :

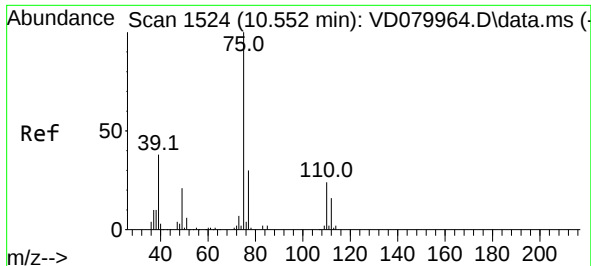
Tgt Ion: 43 Resp: 312249
Ion Ratio Lower Upper
43 100
58 41.3 32.8 49.2



#52
Toluene
Concen: 53.263 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 92 Resp: 270845
Ion Ratio Lower Upper
92 100
91 175.0 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 51.016 ug/l

RT: 10.552 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

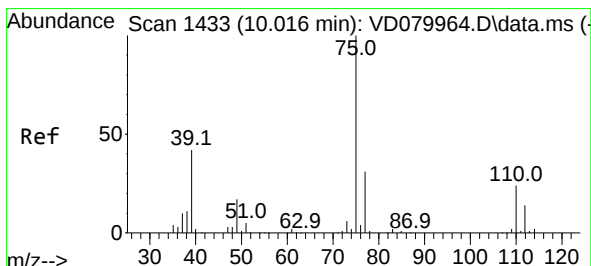
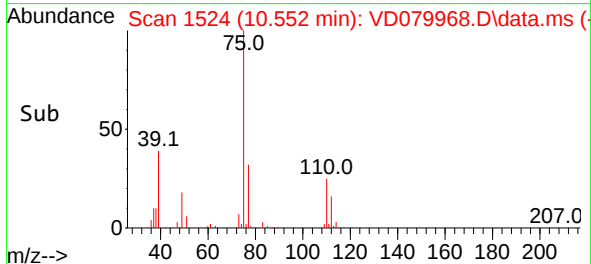
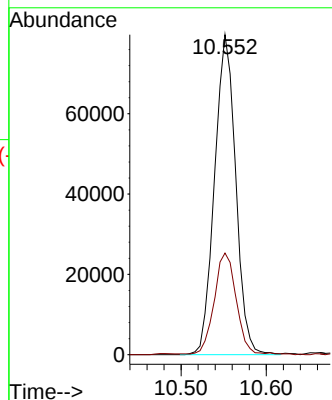
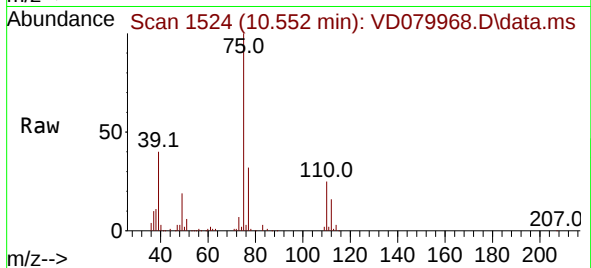
ClientSampleId :

Tgt Ion: 75 Resp: 137676

Ion Ratio Lower Upper

75 100

77 31.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 50.778 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

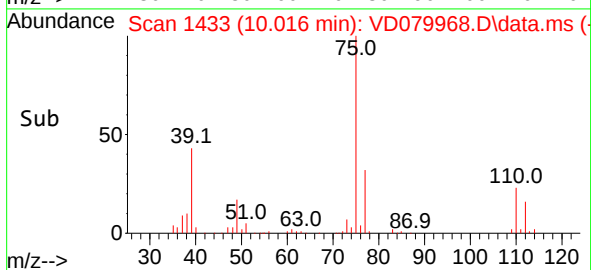
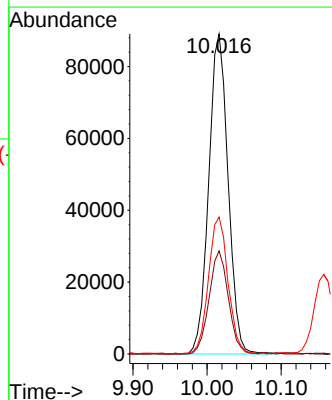
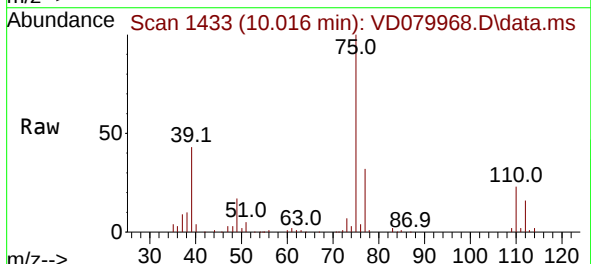
Tgt Ion: 75 Resp: 161700

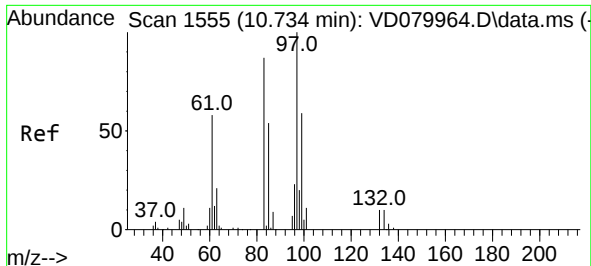
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 42.8 33.2 49.8

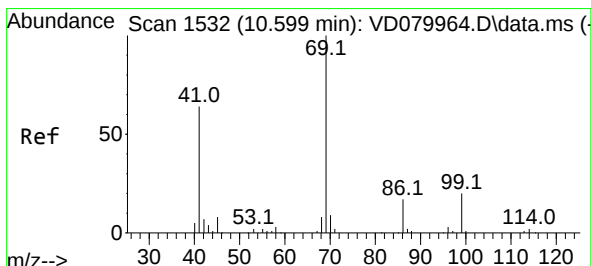
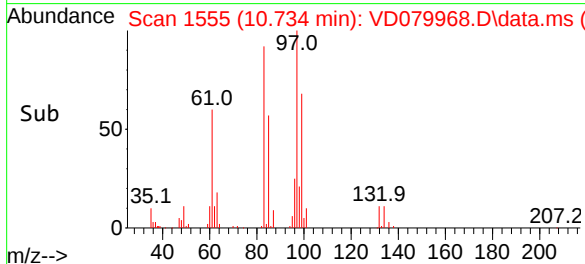
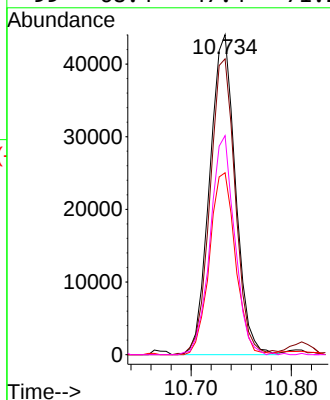
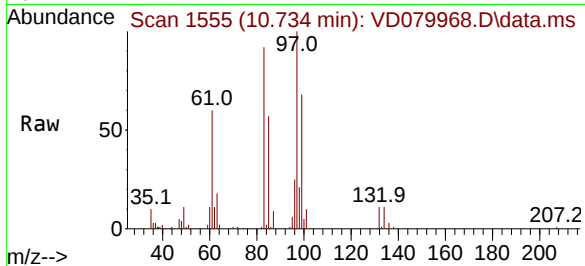




#55
1,1,2-Trichloroethane
Concen: 48.166 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

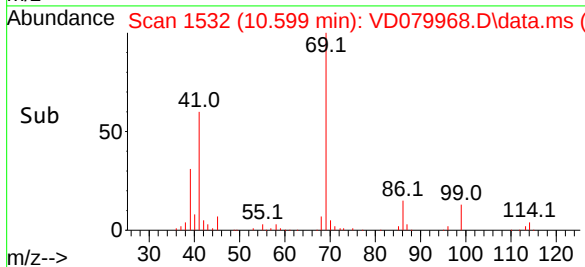
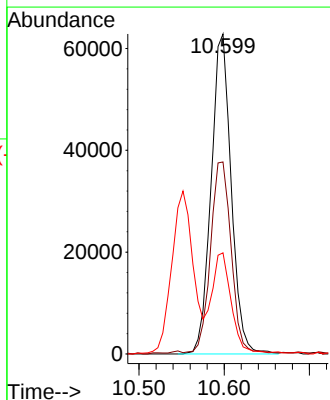
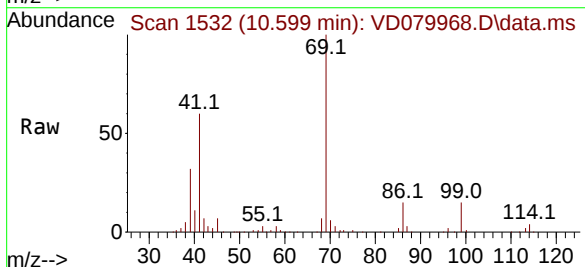
Instrument :
MSVOA_D
ClientSampleId :

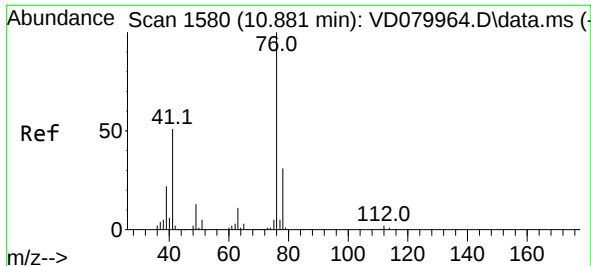
Tgt Ion: 97	Resp: 78619
Ion Ratio	Lower Upper
97 100	
83 92.1	69.2 103.8
85 56.9	43.0 64.6
99 68.4	47.4 71.2



#56
Ethyl methacrylate
Concen: 54.000 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 69	Resp: 102972
Ion Ratio	Lower Upper
69 100	
41 61.1	50.4 75.6
39 30.6	26.0 39.0





#57

1,3-Dichloropropane

Concen: 50.918 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

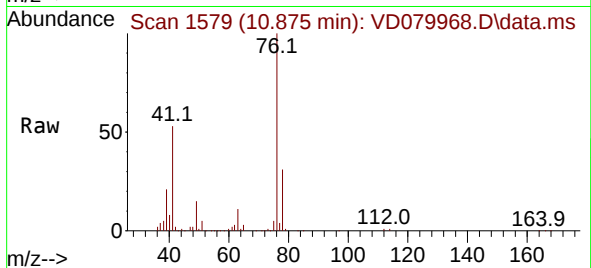
Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

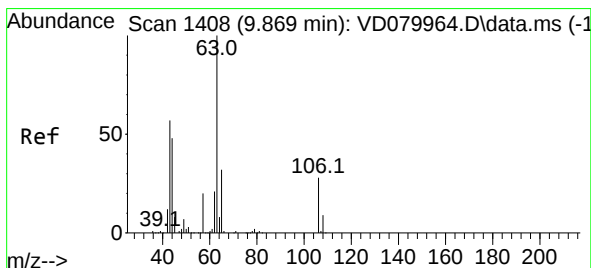
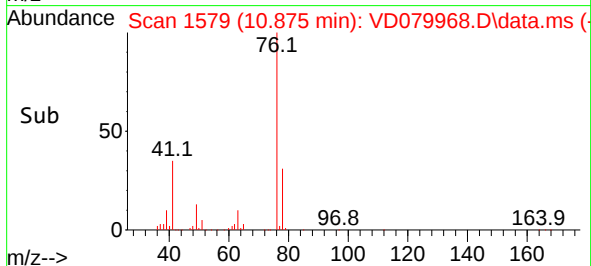
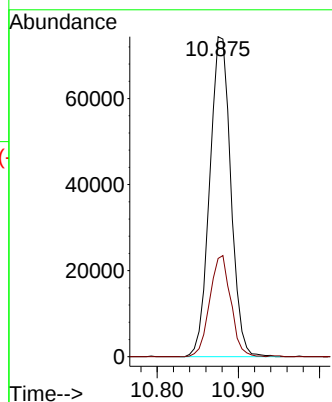


Tgt Ion: 76 Resp: 134129

Ion Ratio Lower Upper

76 100

78 31.5 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 280.482 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079968.D

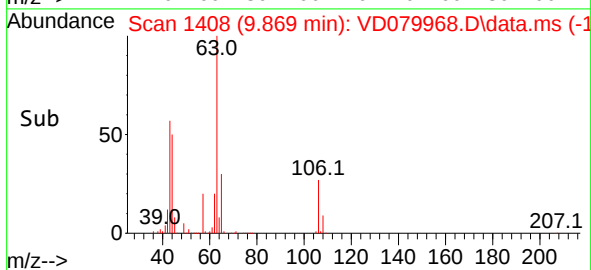
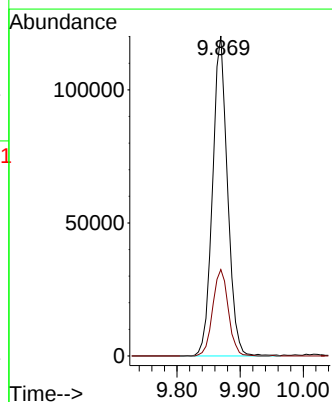
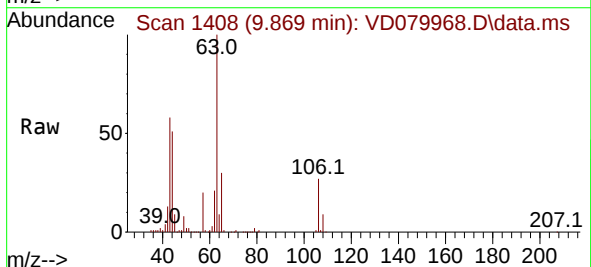
Acq: 11 Oct 2024 16:32

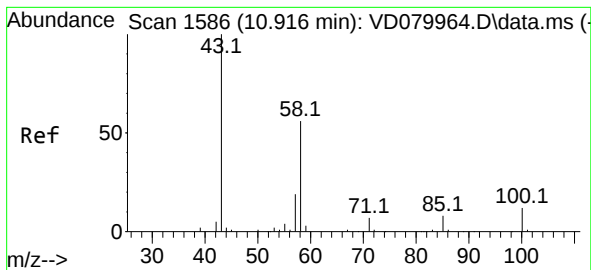
Tgt Ion: 63 Resp: 197913

Ion Ratio Lower Upper

63 100

106 28.1 21.8 32.6

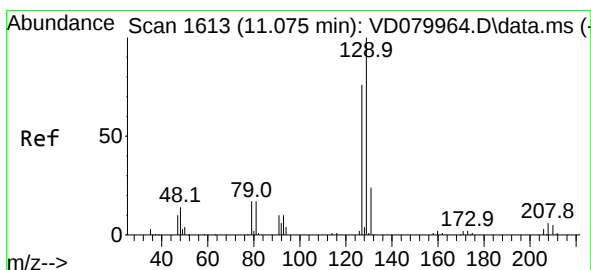
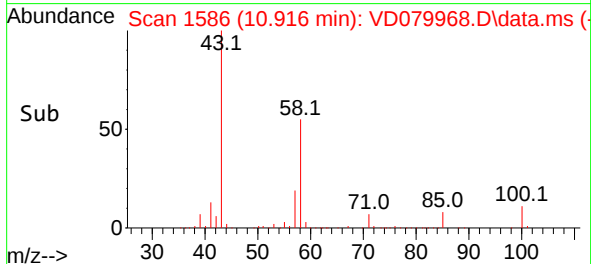
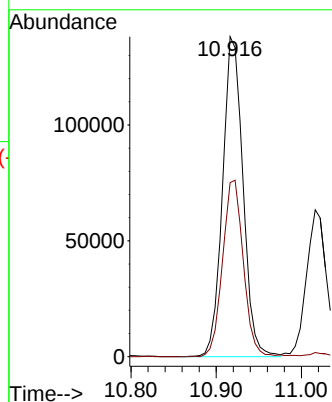
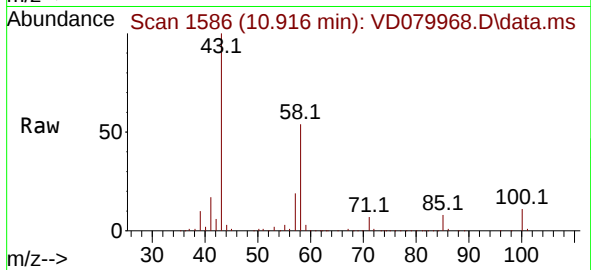




#59
2-Hexanone
Concen: 258.817 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

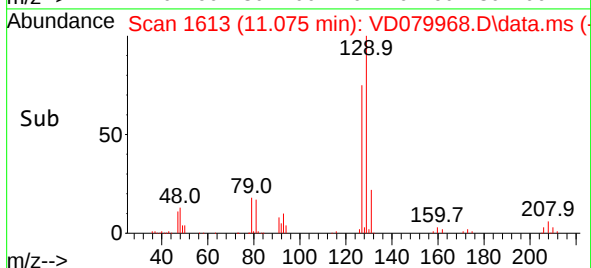
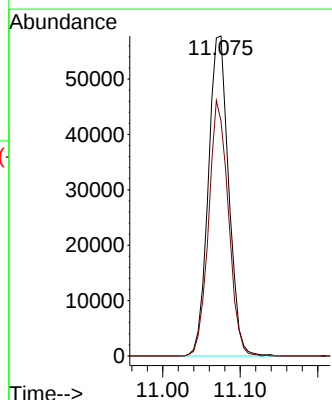
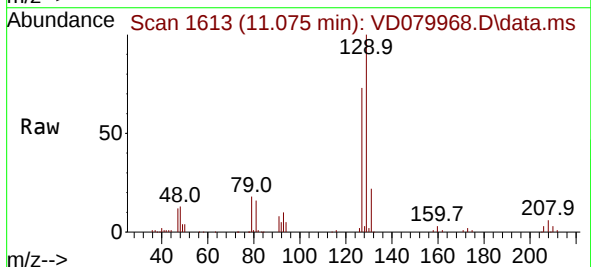
Instrument :
MSVOA_D
ClientSampleId :

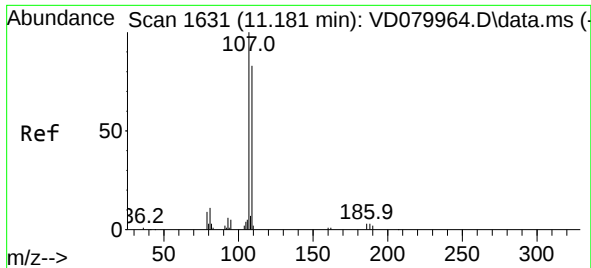
Tgt Ion: 43 Resp: 229724
Ion Ratio Lower Upper
43 100
58 56.4 27.8 83.4



#60
Dibromochloromethane
Concen: 49.741 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 129 Resp: 105489
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2

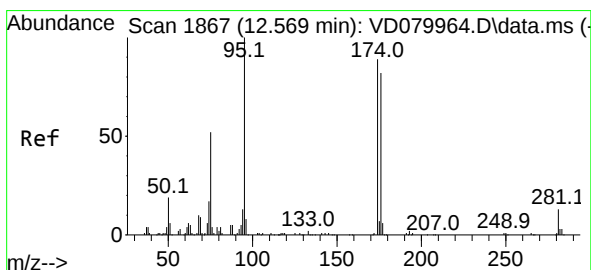
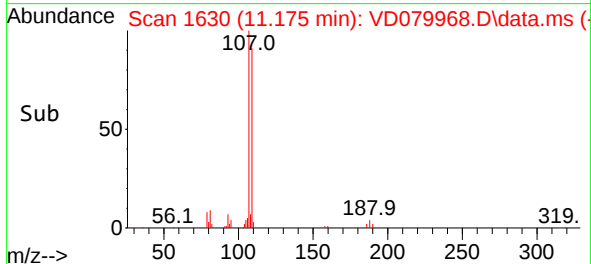
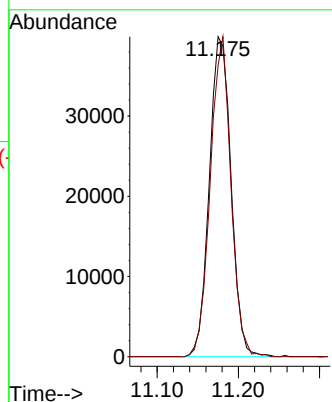
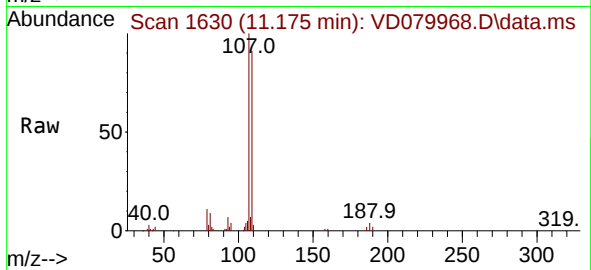




#61
1,2-Dibromoethane
Concen: 49.338 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

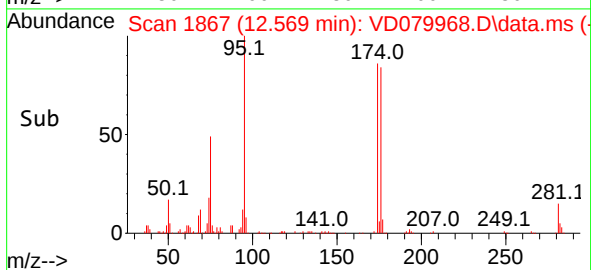
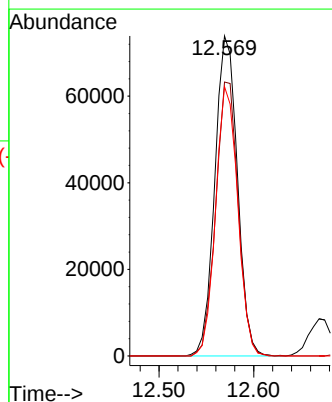
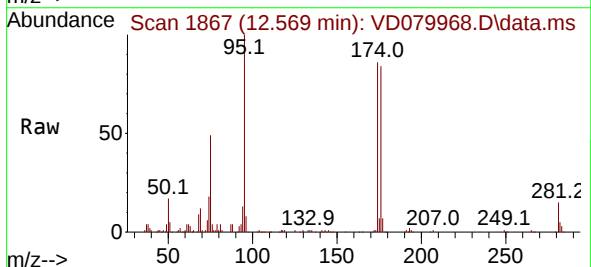
Instrument :
MSVOA_D
ClientSampleId :

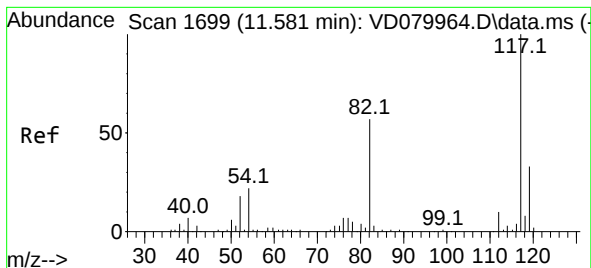
Tgt Ion:107 Resp: 74118
Ion Ratio Lower Upper
107 100
109 94.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 50.244 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 95 Resp: 122476
Ion Ratio Lower Upper
95 100
174 85.4 0.0 173.4
176 82.3 0.0 166.6

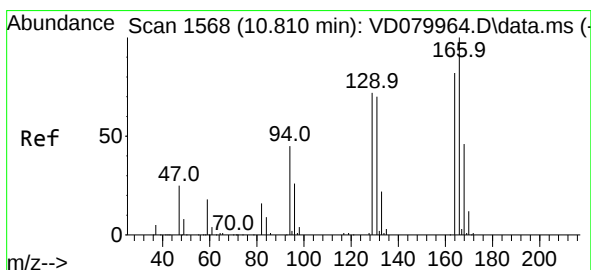
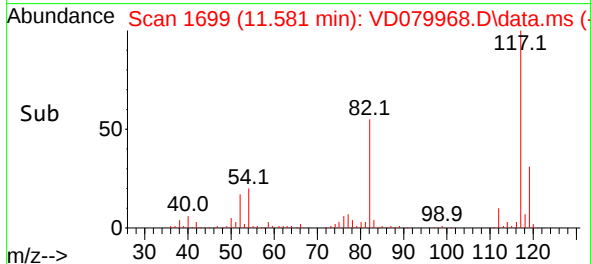
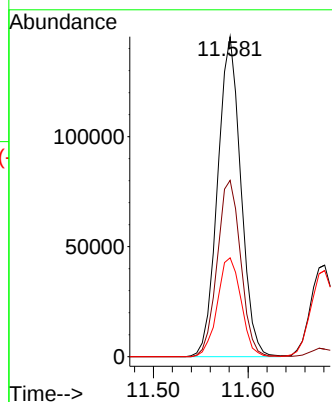
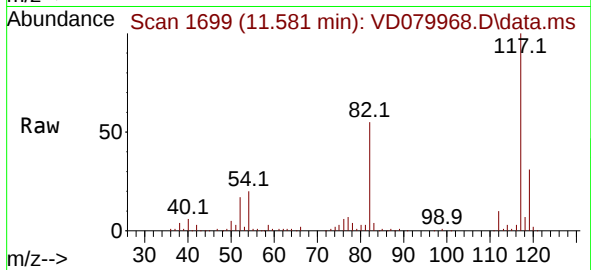




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

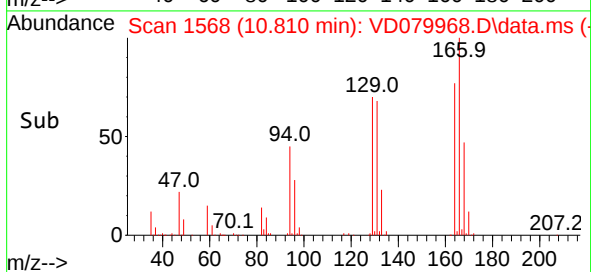
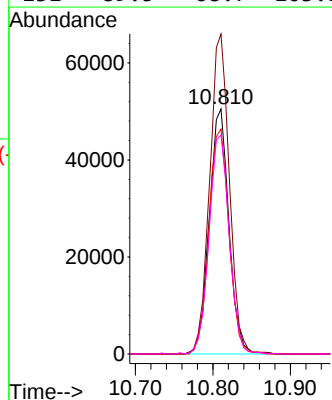
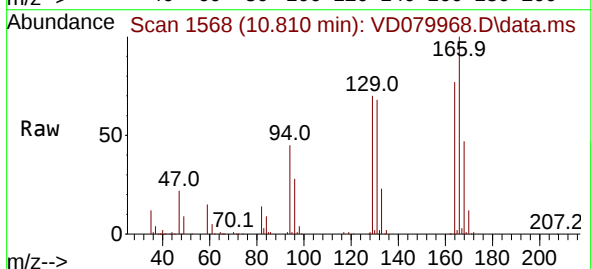
Instrument :
MSVOA_D
ClientSampleId :

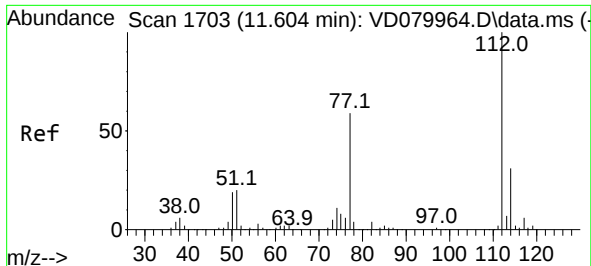
Tgt Ion:117 Resp: 247592
Ion Ratio Lower Upper
117 100
82 55.1 45.8 68.6
119 30.9 26.2 39.2



#64
Tetrachloroethene
Concen: 51.025 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion:164 Resp: 89107
Ion Ratio Lower Upper
164 100
166 130.7 97.5 146.3
129 91.8 70.6 106.0
131 89.5 68.7 103.1

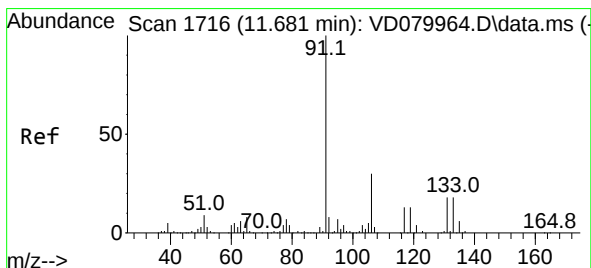
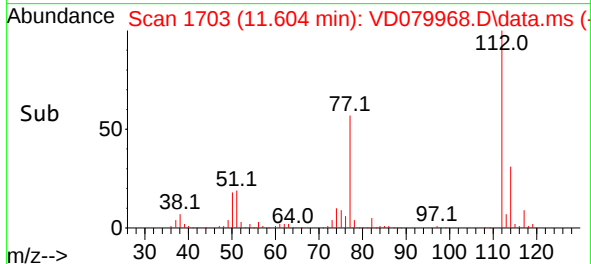
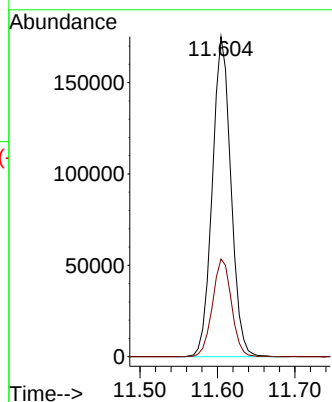
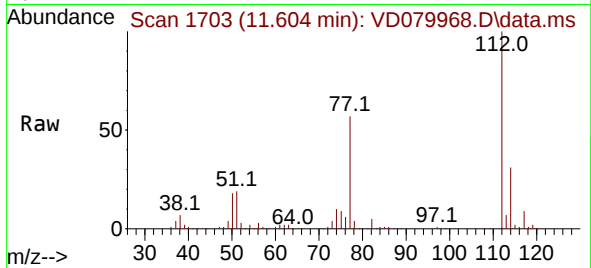




#65
Chlorobenzene
Concen: 50.660 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

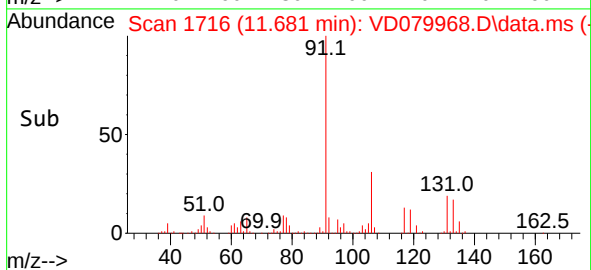
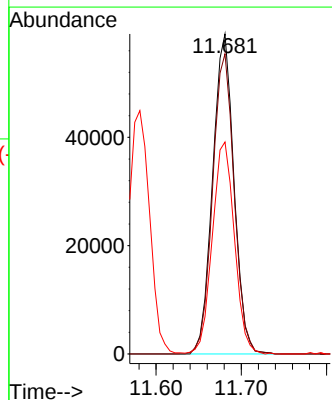
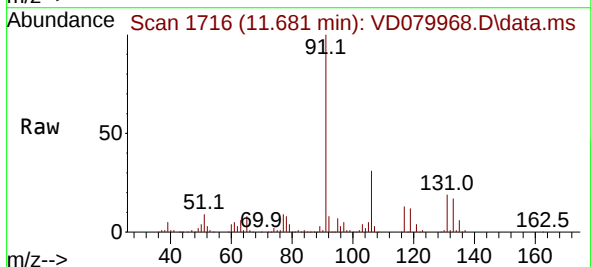
Instrument :
MSVOA_D
ClientSampleId :

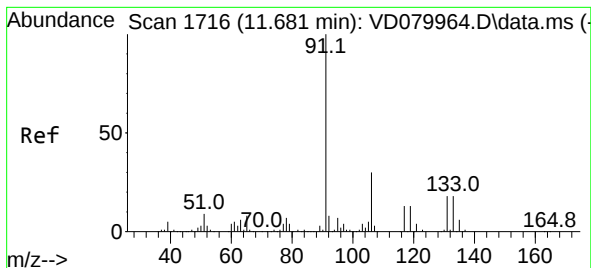
Tgt Ion:112 Resp: 291910
Ion Ratio Lower Upper
112 100
114 30.6 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.536 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion:131 Resp: 102542
Ion Ratio Lower Upper
131 100
133 94.8 48.8 146.4
119 68.7 34.8 104.3





#67

Ethyl Benzene

Concen: 52.508 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

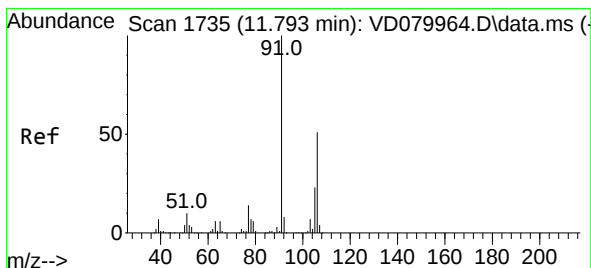
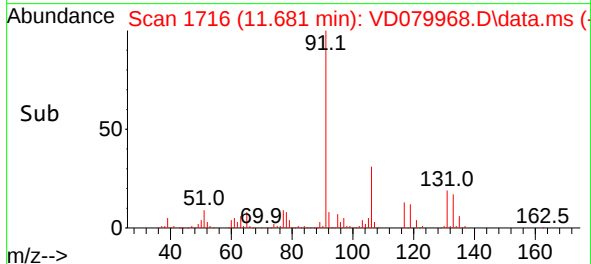
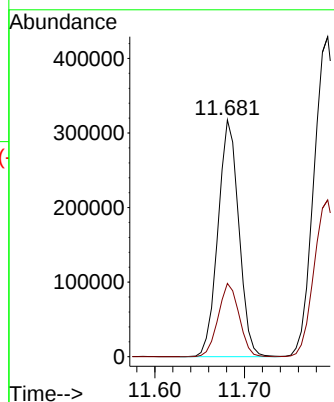
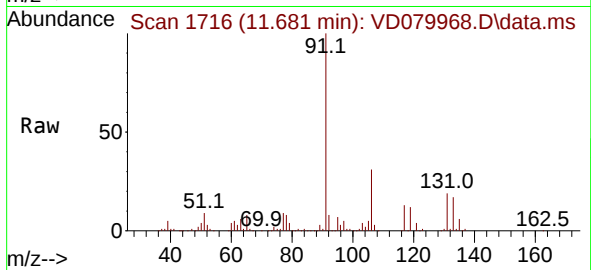
ClientSampleId :

Tgt Ion: 91 Resp: 511744

Ion Ratio Lower Upper

91 100

106 30.9 23.6 35.4



#68

m/p-Xylenes

Concen: 106.860 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079968.D

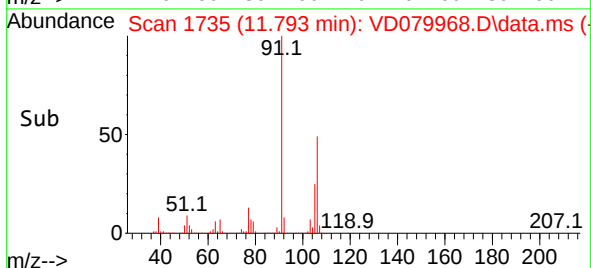
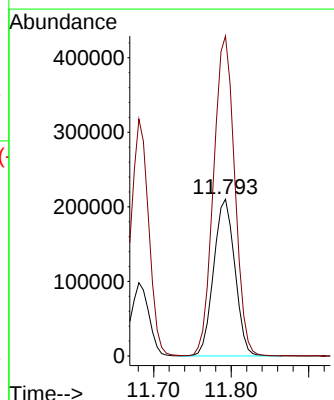
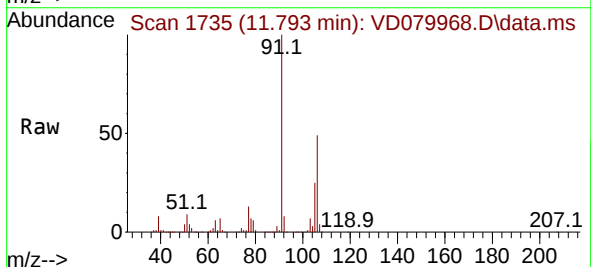
Acq: 11 Oct 2024 16:32

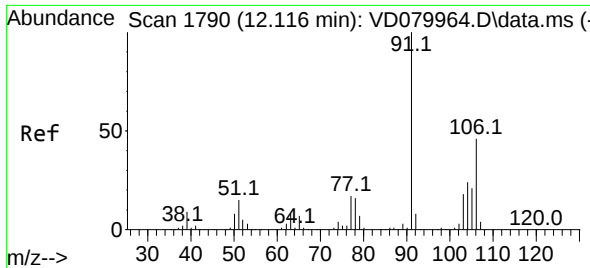
Tgt Ion:106 Resp: 399686

Ion Ratio Lower Upper

106 100

91 203.7 162.6 244.0

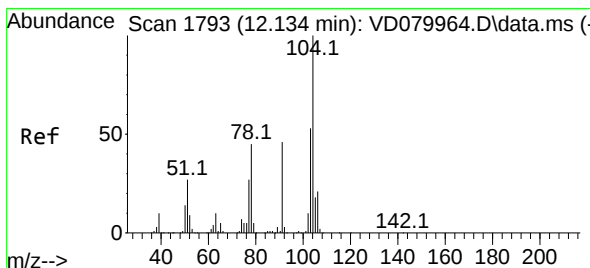
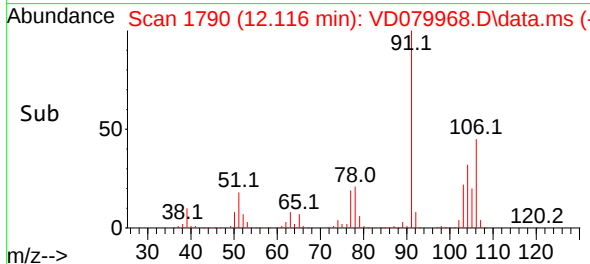
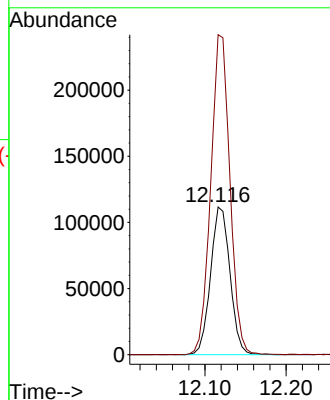
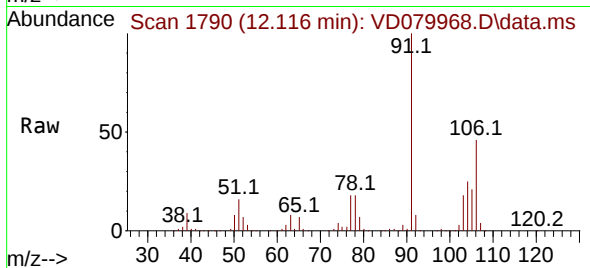




#69
o-Xylene
Concen: 53.573 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

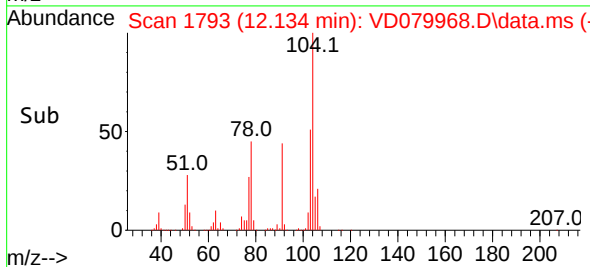
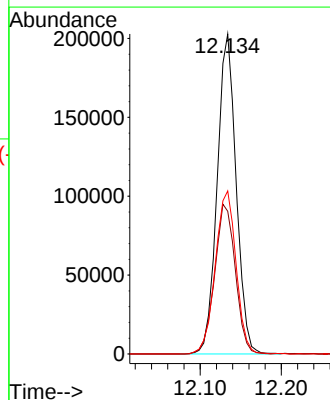
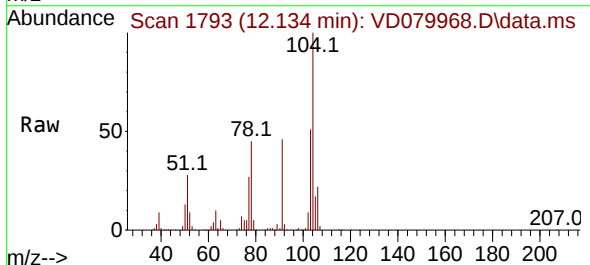
Instrument :
MSVOA_D
ClientSampleId :

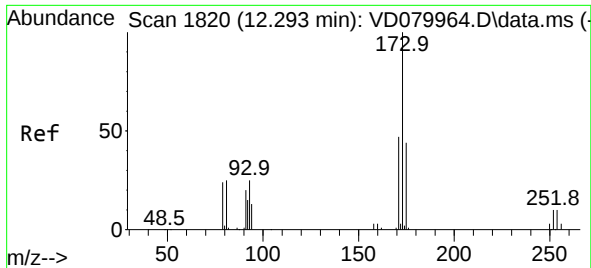
Tgt Ion:106 Resp: 185394
Ion Ratio Lower Upper
106 100
91 214.2 110.5 331.5



#70
Styrene
Concen: 53.539 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion:104 Resp: 329697
Ion Ratio Lower Upper
104 100
78 51.1 39.8 59.8
103 55.8 45.2 67.8

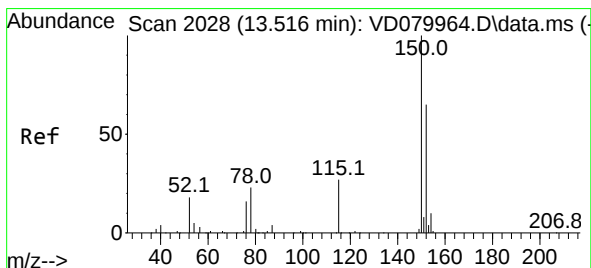
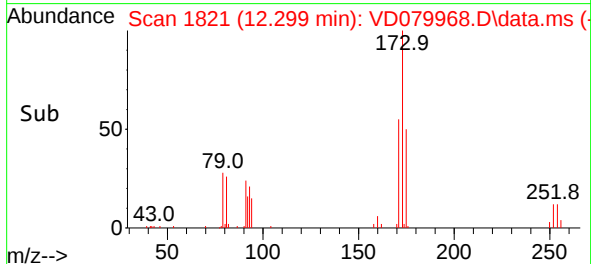
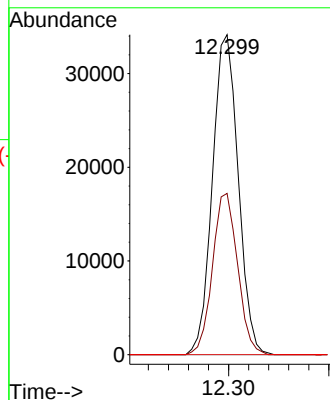
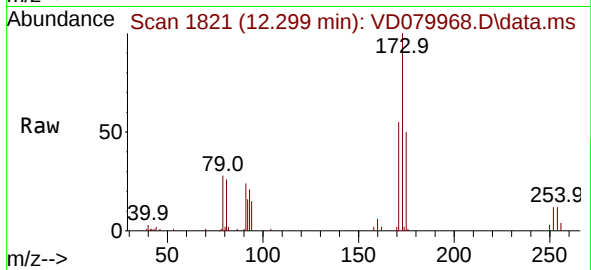




#71
Bromoform
Concen: 48.938 ug/l
RT: 12.299 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

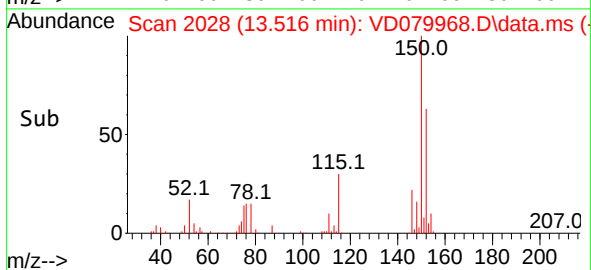
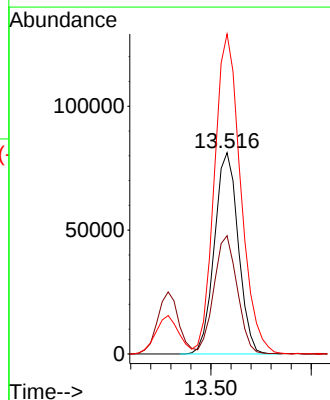
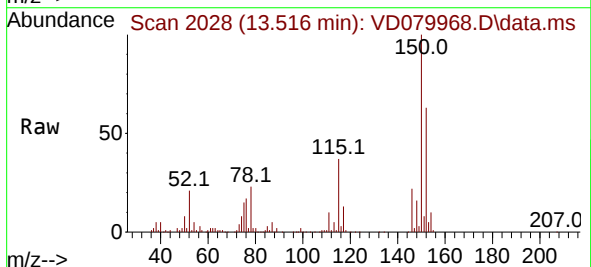
Instrument :
MSVOA_D
ClientSampleId :

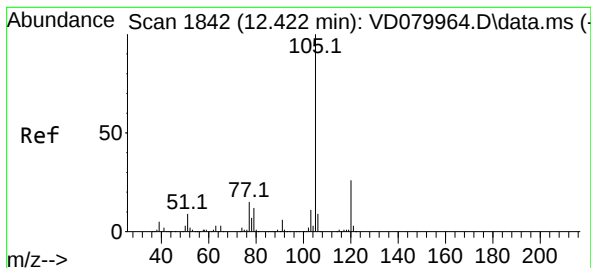
Tgt Ion:173 Resp: 60923
Ion Ratio Lower Upper
173 100
175 49.2 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion:152 Resp: 134077
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 175.0 0.0 354.8





#73

Isopropylbenzene

Concen: 53.392 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

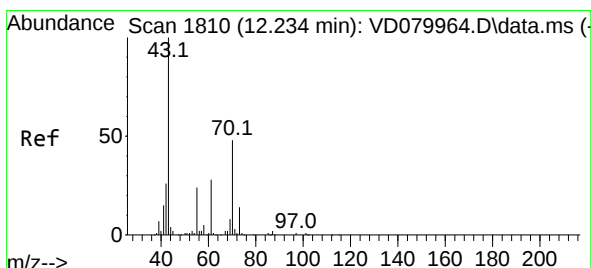
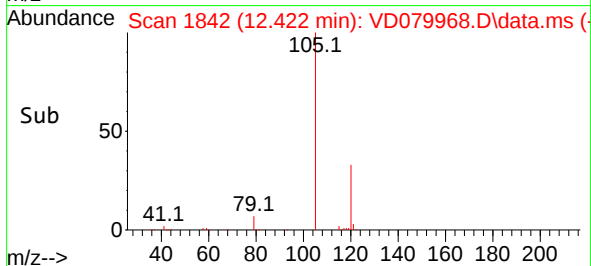
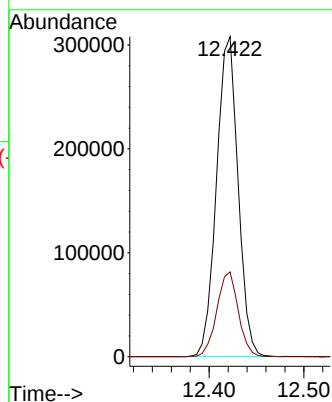
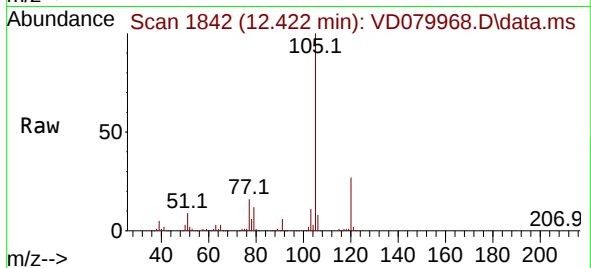
ClientSampleId :

Tgt Ion:105 Resp: 486987

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 52.860 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Tgt Ion: 43 Resp: 116607

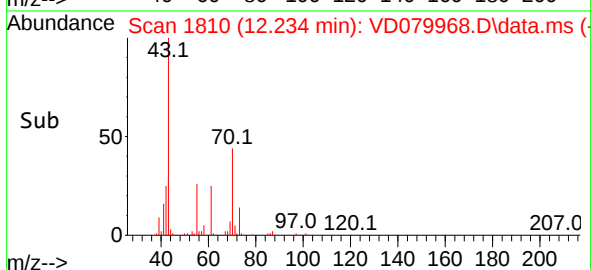
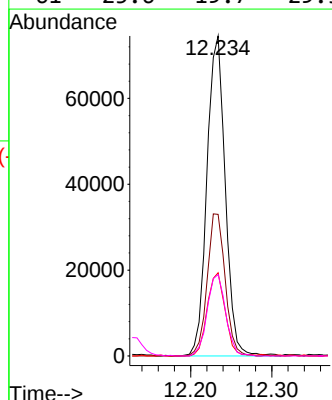
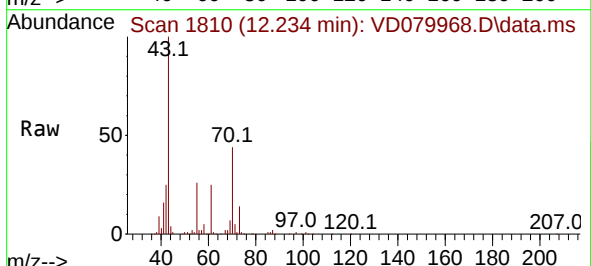
Ion Ratio Lower Upper

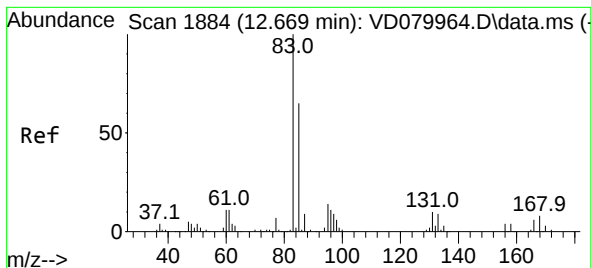
43 100

70 43.5 36.3 54.5

55 25.7 20.3 30.5

61 25.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.989 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

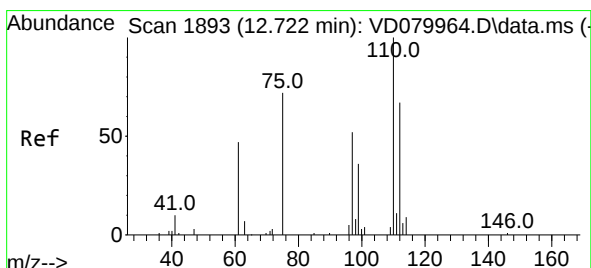
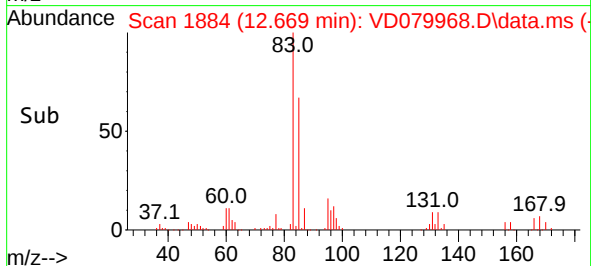
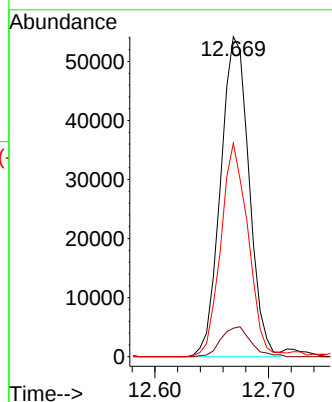
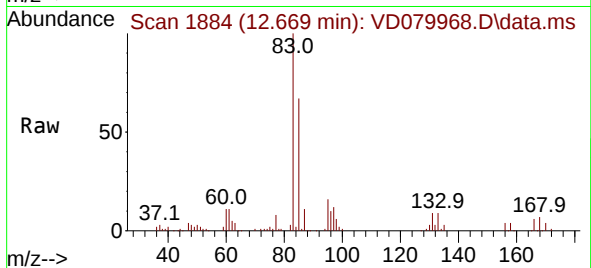
Tgt Ion: 83 Resp: 94295

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

85 63.8 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 81.268 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. -0.006 min

Lab File: VD079968.D

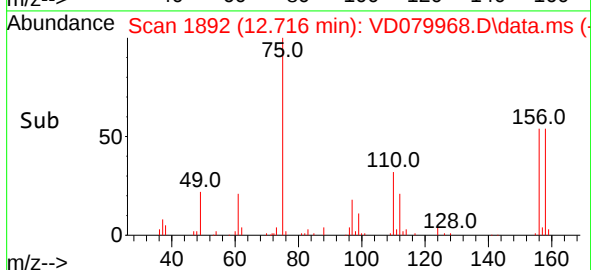
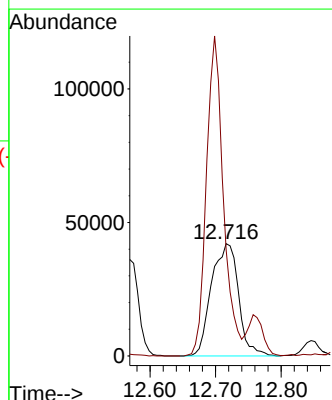
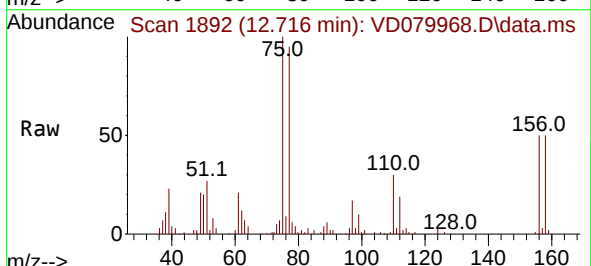
Acq: 11 Oct 2024 16:32

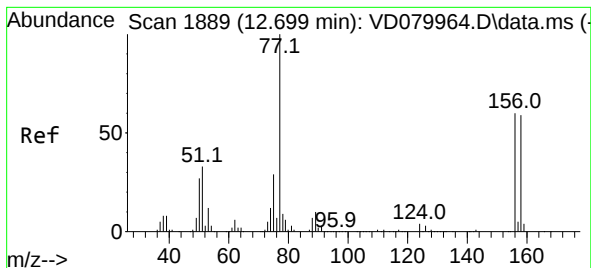
Tgt Ion: 75 Resp: 120211

Ion Ratio Lower Upper

75 100

77 180.4 0.0 0.0#





#77

Bromobenzene

Concen: 51.072 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079968.D

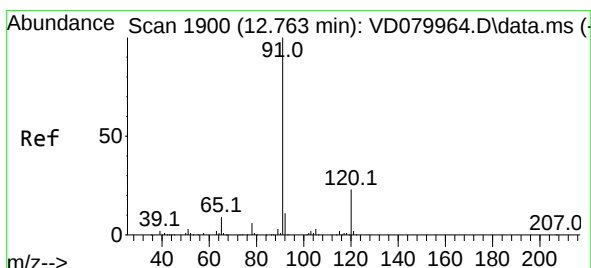
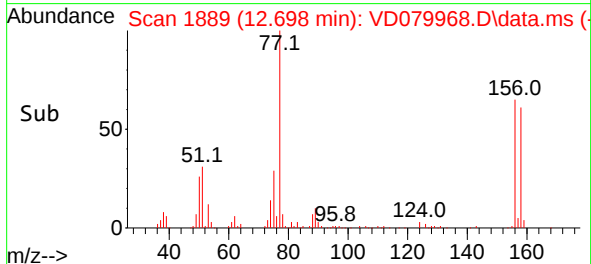
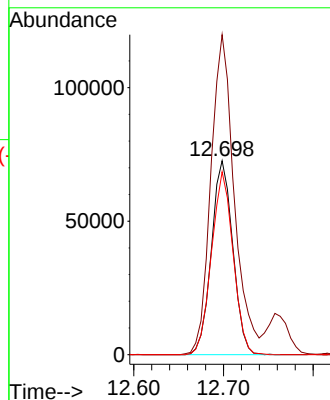
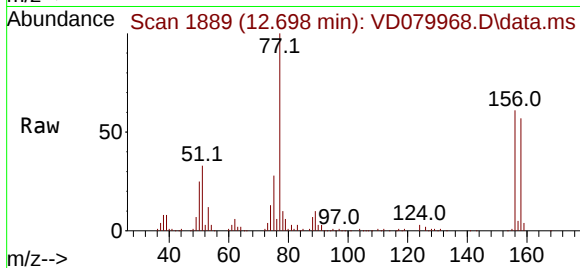
Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	120514
Ion Ratio	Lower	Upper	
156	100		
77	180.0	89.8	269.6
158	95.0	47.9	143.8



#78

n-propylbenzene

Concen: 53.841 ug/l

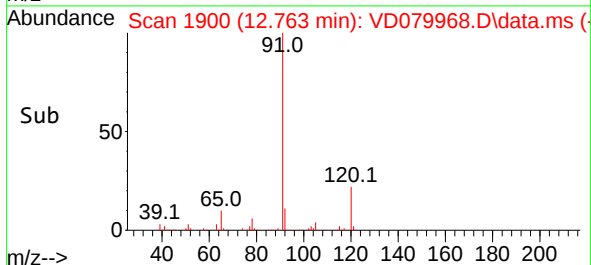
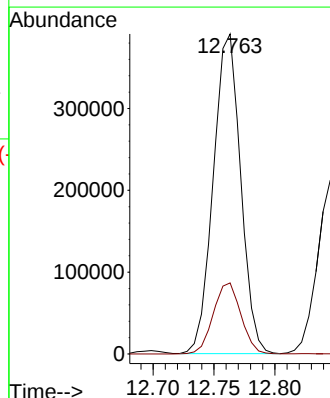
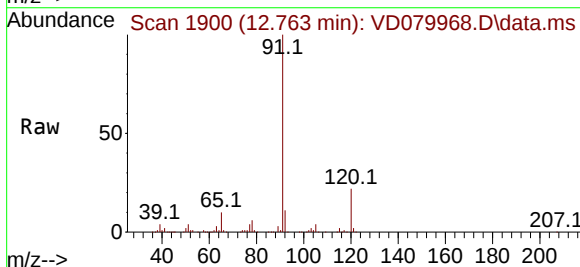
RT: 12.763 min Scan# 1900

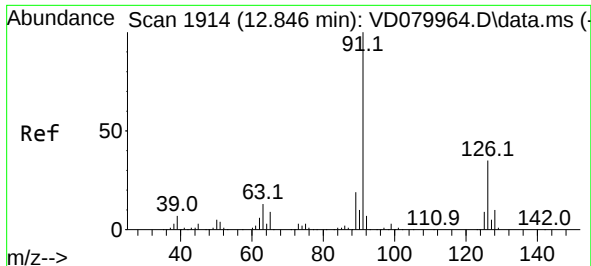
Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Tgt Ion:	91	Resp:	610535
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.2	33.5

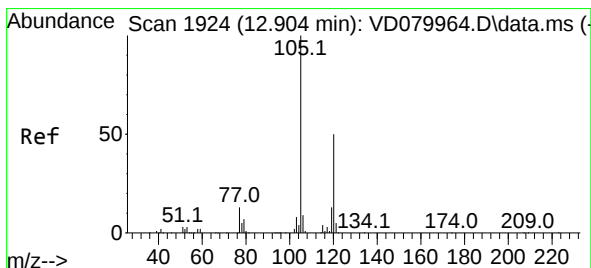
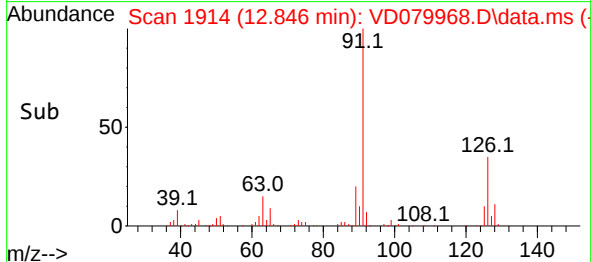
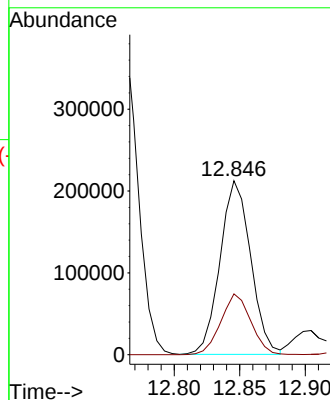
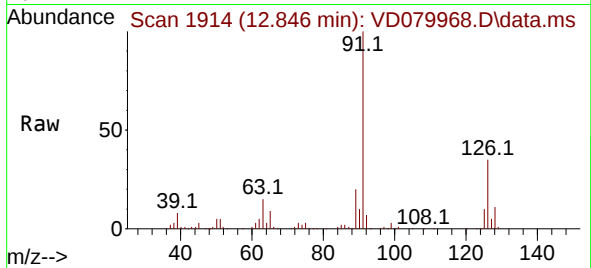




#79
2-Chlorotoluene
Concen: 52.516 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

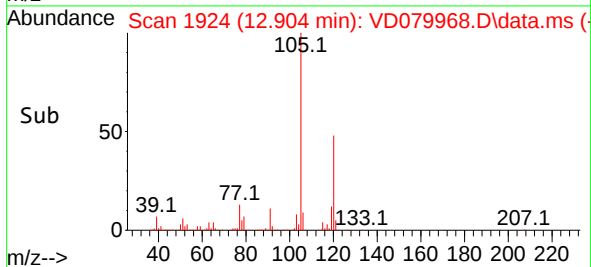
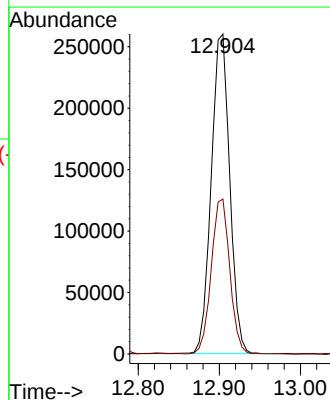
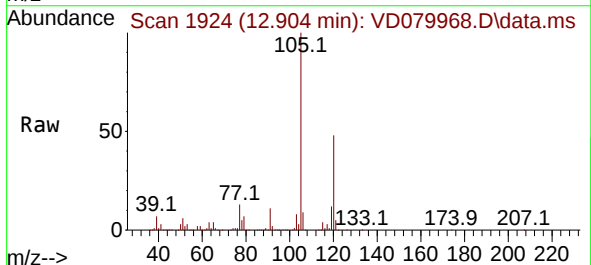
Instrument :
MSVOA_D
ClientSampleId :

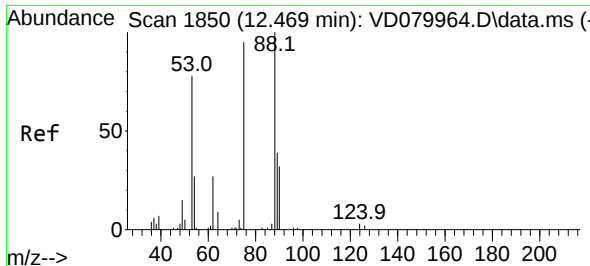
Tgt Ion: 91 Resp: 345976
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 53.570 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion:105 Resp: 411803
Ion Ratio Lower Upper
105 100
120 48.7 25.0 75.0

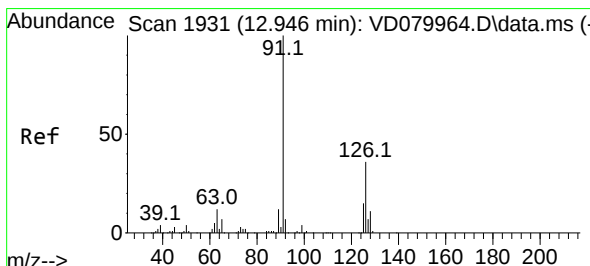
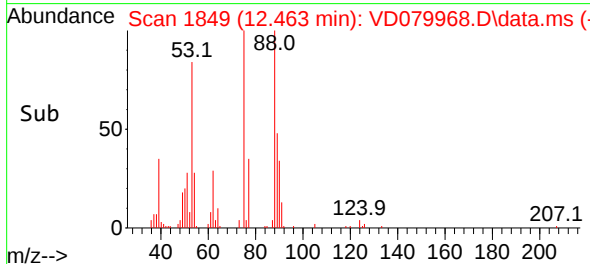
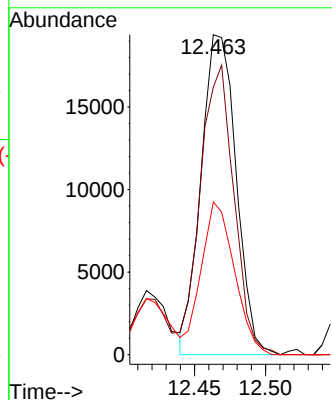
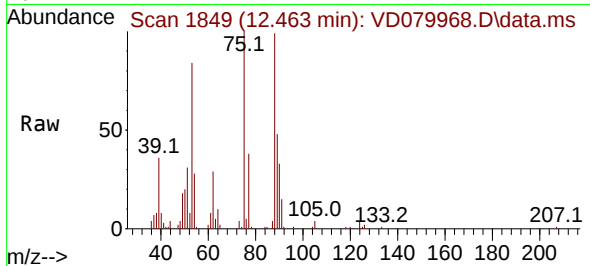




#81
trans-1,4-Dichloro-2-butene
Concen: 50.402 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

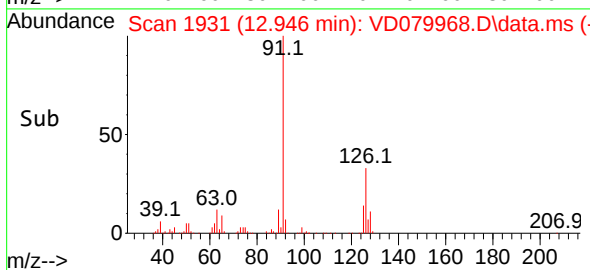
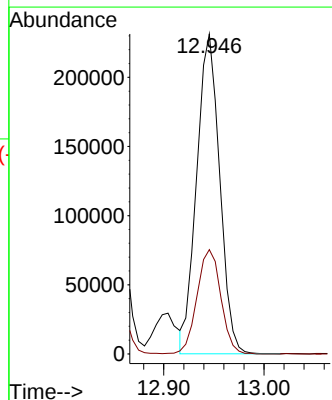
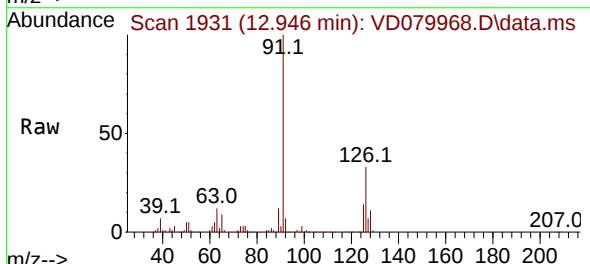
Instrument :
MSVOA_D
ClientSampleId :

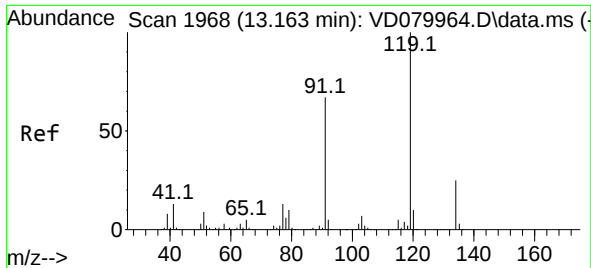
Tgt Ion: 75 Resp: 33407
Ion Ratio Lower Upper
75 100
53 87.4 68.7 103.1
89 45.4 36.1 54.1



#82
4-Chlorotoluene
Concen: 52.064 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion: 91 Resp: 368494
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.3

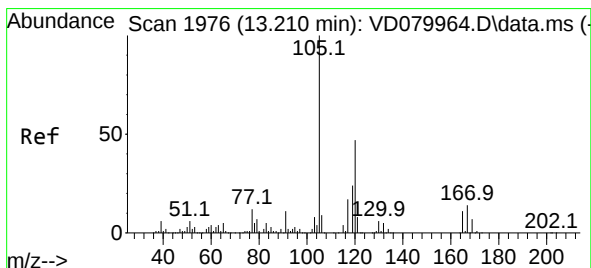
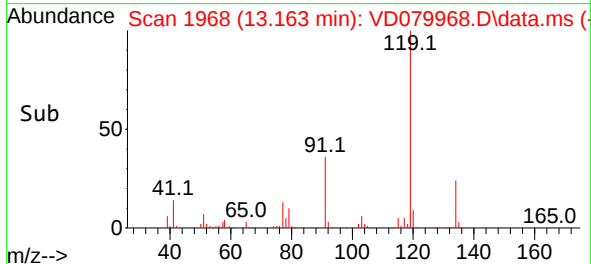
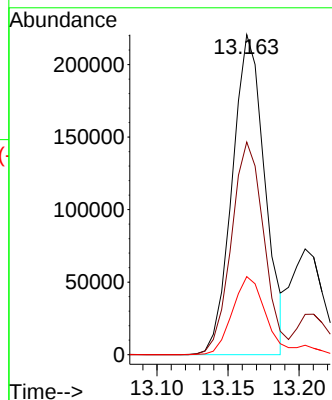
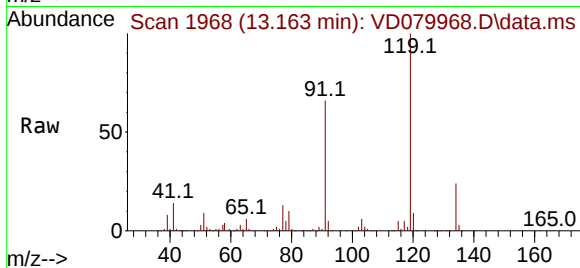




#83
tert-Butylbenzene
Concen: 53.510 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

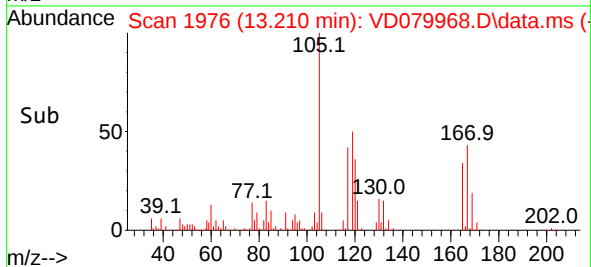
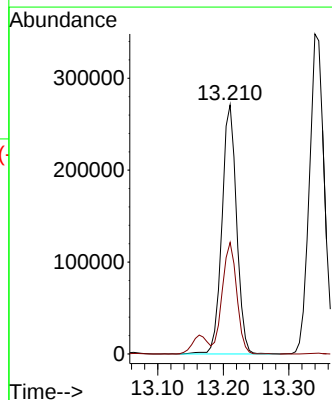
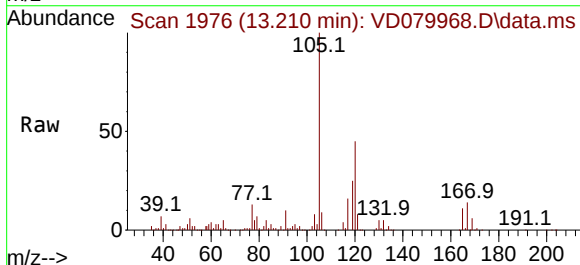
Instrument :
MSVOA_D
ClientSampleId :

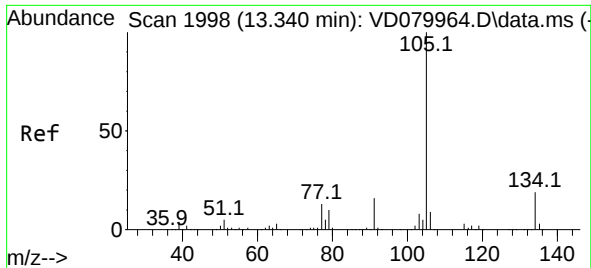
Tgt Ion:119 Resp: 352549
Ion Ratio Lower Upper
119 100
91 66.8 33.3 99.9
134 26.5 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 54.201 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion:105 Resp: 418402
Ion Ratio Lower Upper
105 100
120 44.5 22.8 68.4

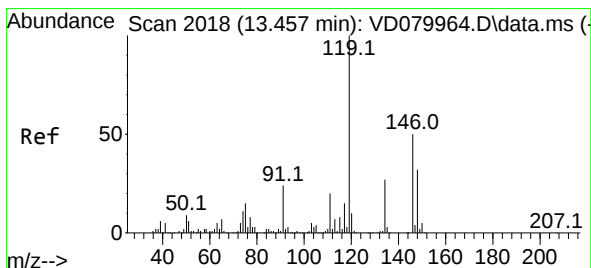
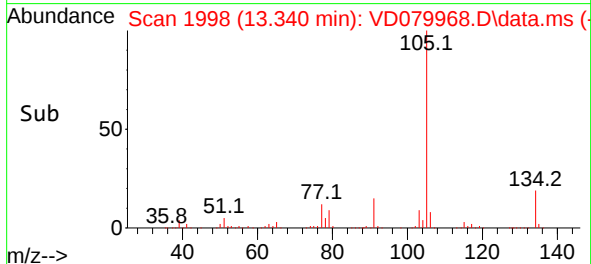
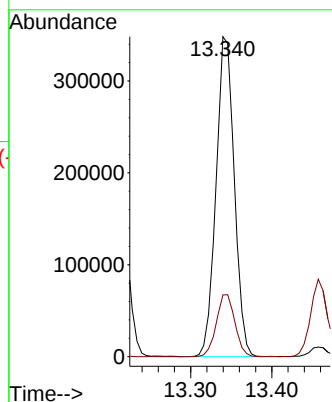
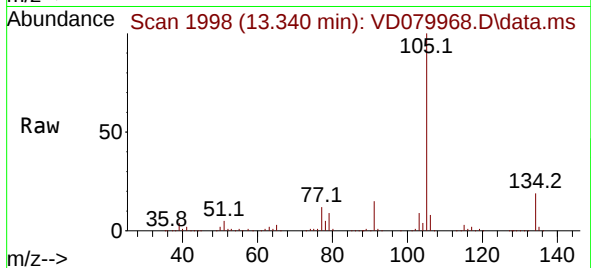




#85
 sec-Butylbenzene
 Concen: 53.868 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD079968.D
 Acq: 11 Oct 2024 16:32

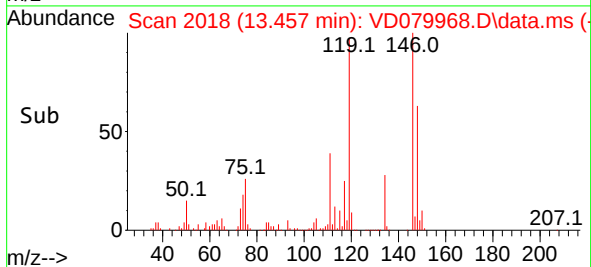
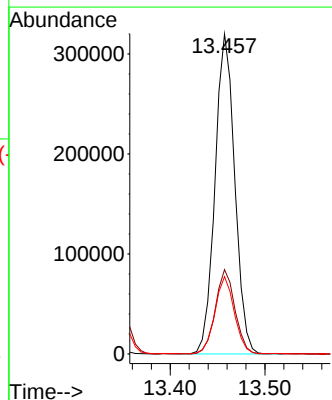
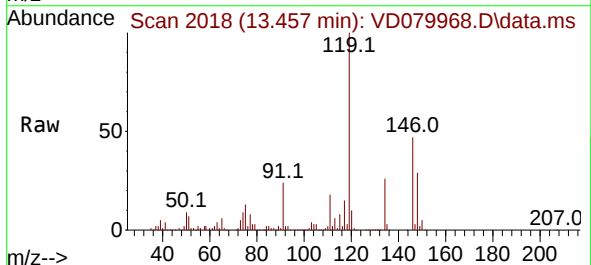
Instrument :
 MSVOA_D
 ClientSampleId :

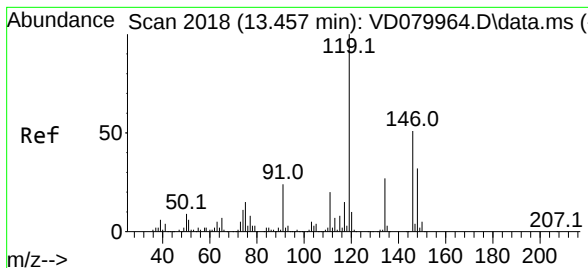
Tgt Ion:105 Resp: 545472
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 54.959 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079968.D
 Acq: 11 Oct 2024 16:32

Tgt Ion:119 Resp: 464272
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 51.061 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

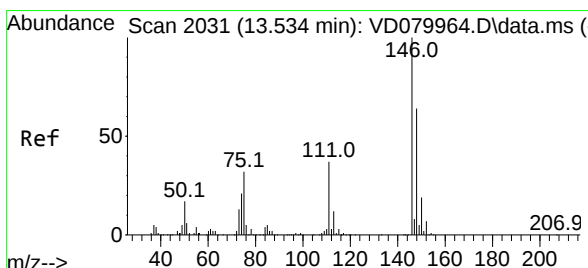
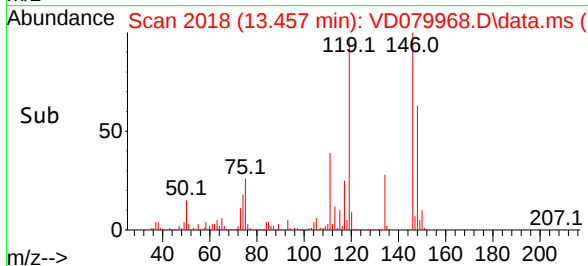
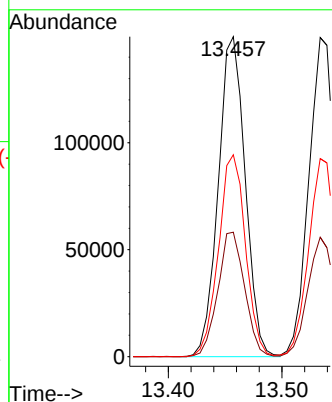
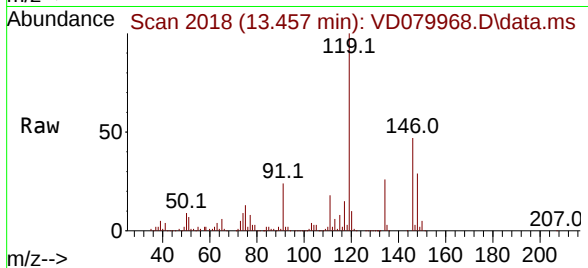
Tgt Ion:146 Resp: 246513

Ion Ratio Lower Upper

146 100

111 38.8 20.0 59.9

148 63.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 49.943 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

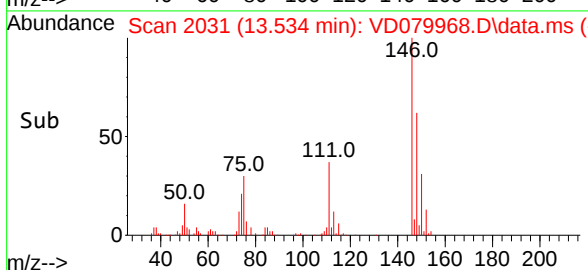
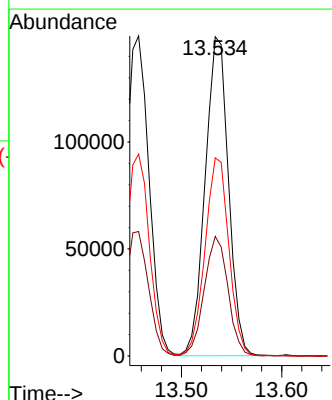
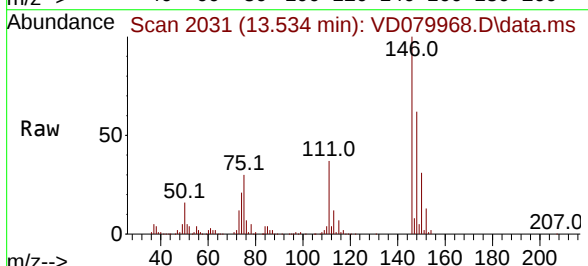
Tgt Ion:146 Resp: 240899

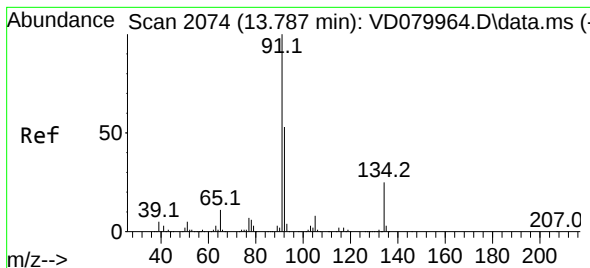
Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

148 63.7 32.9 98.7





#89

n-Butylbenzene

Concen: 54.328 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

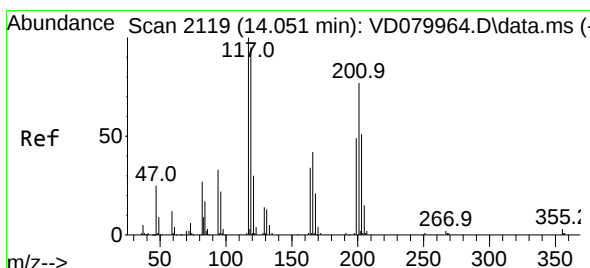
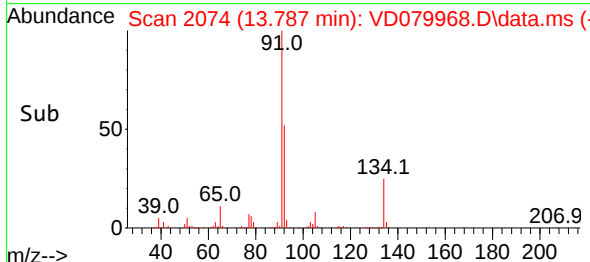
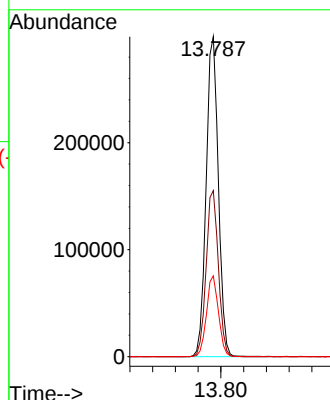
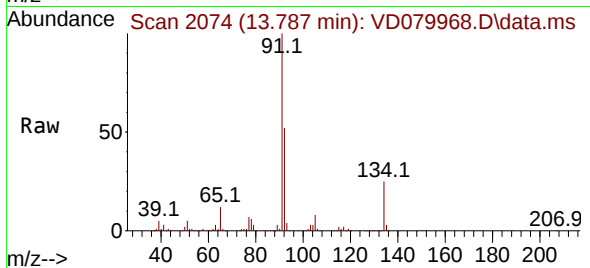
Tgt Ion: 91 Resp: 443899

Ion Ratio Lower Upper

91 100

92 51.9 26.3 78.9

134 24.8 12.3 36.8



#90

Hexachloroethane

Concen: 50.262 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079968.D

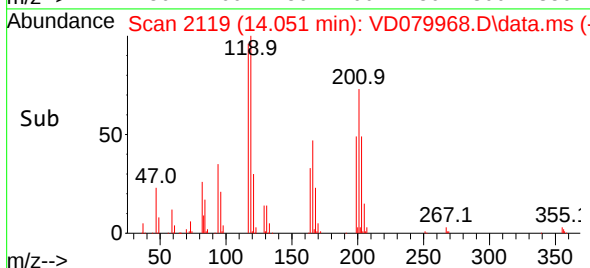
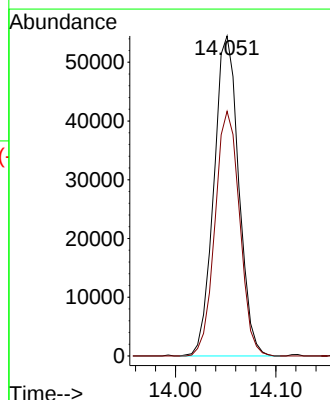
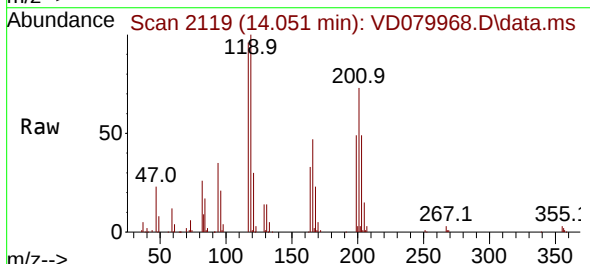
Acq: 11 Oct 2024 16:32

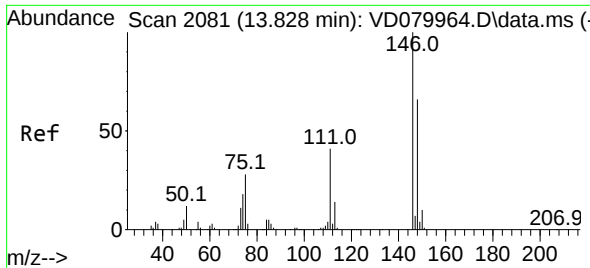
Tgt Ion: 117 Resp: 93854

Ion Ratio Lower Upper

117 100

201 75.6 37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 50.699 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

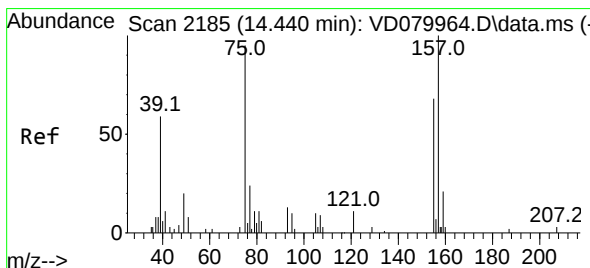
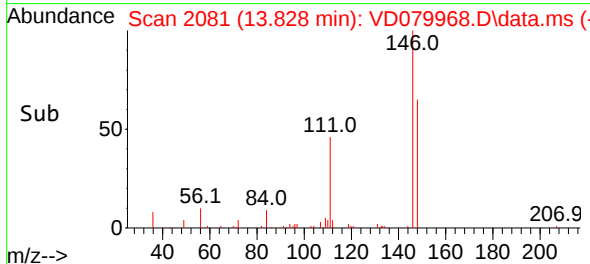
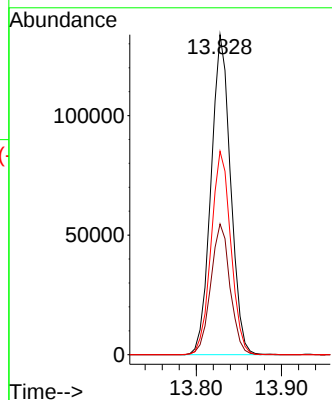
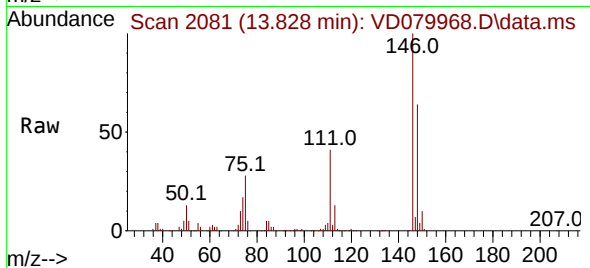
Tgt Ion:146 Resp: 213819

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.8

148 64.1 32.7 98.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.749 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

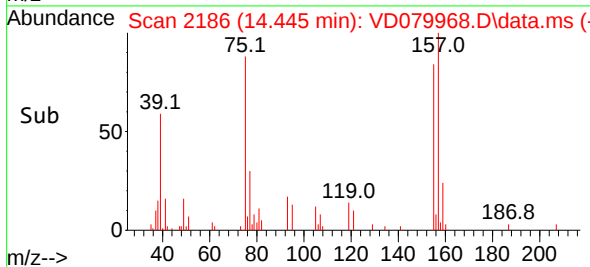
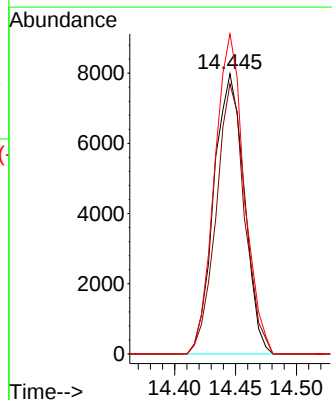
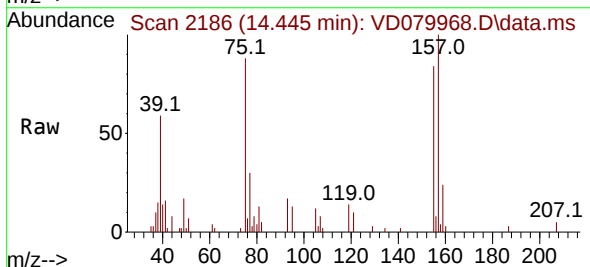
Tgt Ion: 75 Resp: 13818

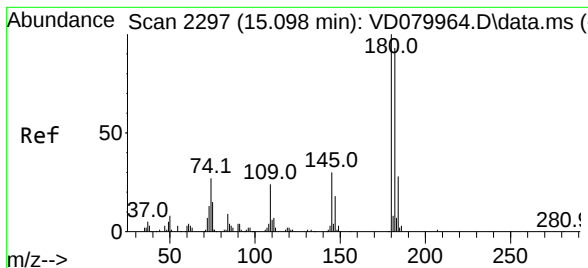
Ion Ratio Lower Upper

75 100

155 91.2 40.6 122.0

157 111.7 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 52.369 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

Instrument :

MSVOA_D

ClientSampleId :

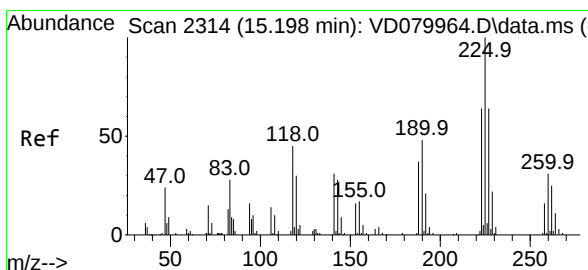
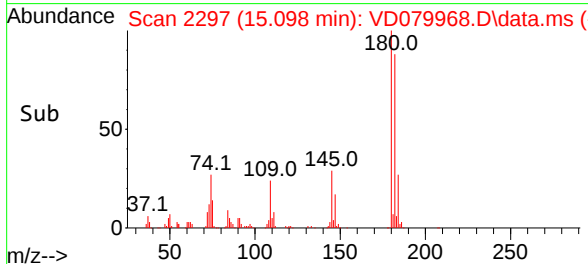
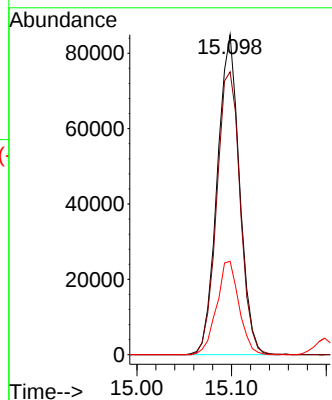
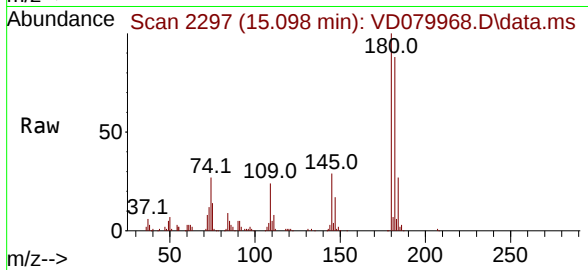
Tgt Ion:180 Resp: 138410

Ion Ratio Lower Upper

180 100

182 93.1 47.4 142.2

145 29.4 14.7 44.1



#94

Hexachlorobutadiene

Concen: 52.986 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD079968.D

Acq: 11 Oct 2024 16:32

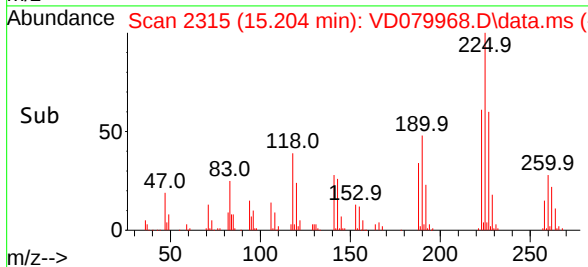
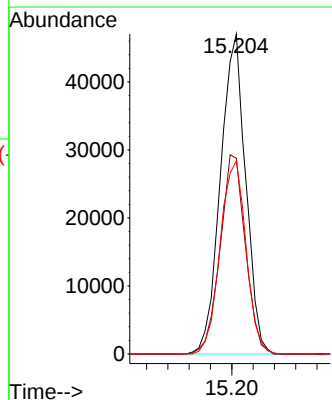
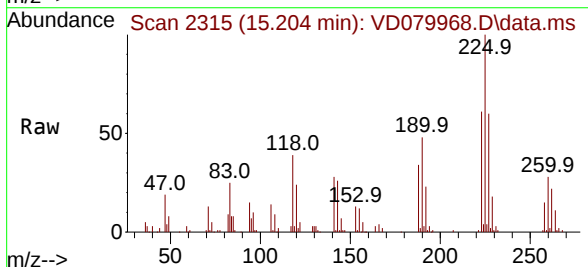
Tgt Ion:225 Resp: 77117

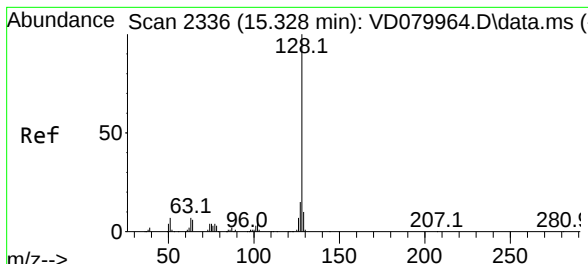
Ion Ratio Lower Upper

225 100

223 62.6 31.5 94.5

227 62.1 30.9 92.5

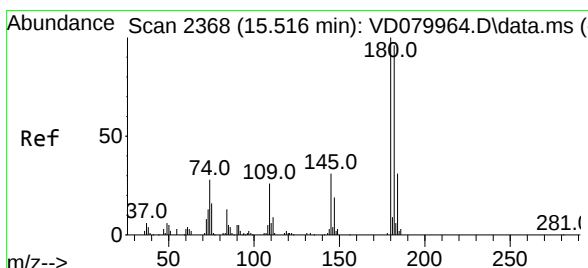
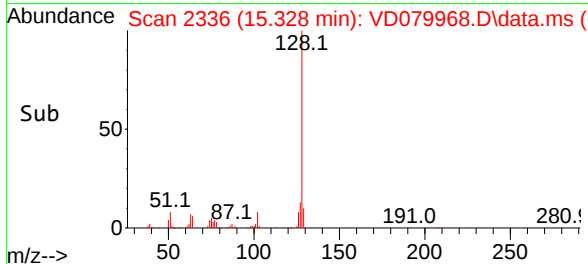
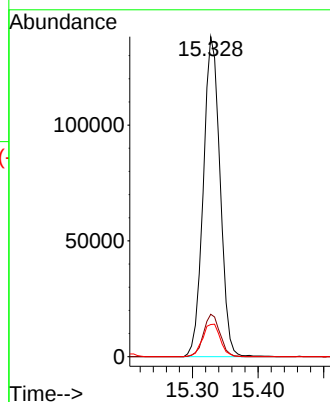
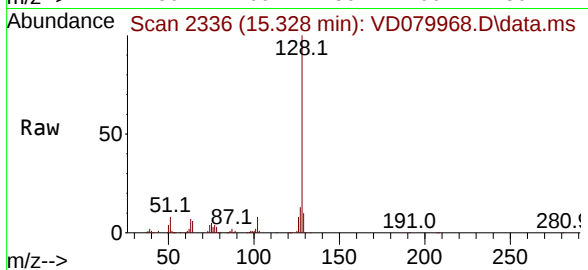




#95
Naphthalene
Concen: 52.203 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp: 246060
Ion Ratio	Lower Upper
128	100
127	13.2 11.8 17.8
129	10.0 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 50.991 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079968.D
Acq: 11 Oct 2024 16:32

Tgt Ion:180	Resp: 119433
Ion Ratio	Lower Upper
180	100
182	95.0 47.5 142.6
145	31.4 15.7 47.0

