

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079371.D
 Acq On : 09 Jul 2024 19:46
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 10 03:08:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	211254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	384153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	359287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	170669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	128933	51.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.580%
35) Dibromofluoromethane	7.805	113	138413	51.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.140%
50) Toluene-d8	10.269	98	545313	52.198	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.569	95	166814	51.374	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.740%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	105324	53.773	ug/l	100
3) Chloromethane	2.146	50	137558	52.452	ug/l	98
4) Vinyl Chloride	2.276	62	129229	47.944	ug/l	97
5) Bromomethane	2.681	94	119756	70.557	ug/l	98
6) Chloroethane	2.828	64	108364	75.034	ug/l	97
7) Trichlorofluoromethane	3.164	101	212603	53.982	ug/l	99
8) Diethyl Ether	3.587	74	75223	59.788	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.958	101	136273	55.164	ug/l	97
10) Methyl Iodide	4.152	142	186230	68.345	ug/l	99
11) Tert butyl alcohol	5.052	59	43090	271.150	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	136158	55.500	ug/l	94
13) Acrolein	3.787	56	35680	181.102	ug/l	97
14) Allyl chloride	4.552	41	171827	54.962	ug/l	87
15) Acrylonitrile	5.252	53	163512	282.145	ug/l	97
16) Acetone	4.017	43	103090	217.727	ug/l	95
17) Carbon Disulfide	4.258	76	417040	53.807	ug/l	97
18) Methyl Acetate	4.564	43	84558	57.075	ug/l	89
19) Methyl tert-butyl Ether	5.317	73	326157	59.821	ug/l	94
20) Methylene Chloride	4.799	84	192336	52.073	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	159074	58.370	ug/l	93
22) Diisopropyl ether	6.216	45	416488	59.492	ug/l	95
23) Vinyl Acetate	6.152	43	1557142	290.644	ug/l	94
24) 1,1-Dichloroethane	6.105	63	272853	57.804	ug/l	99
25) 2-Butanone	7.081	43	175878	261.511	ug/l	97
26) 2,2-Dichloropropane	7.075	77	179580	45.424	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	183627	57.716	ug/l	91
28) Bromochloromethane	7.422	49	90545	45.508	ug/l	80
29) Tetrahydrofuran	7.446	42	121462	296.303	ug/l	87
30) Chloroform	7.593	83	290966	58.717	ug/l	96
31) Cyclohexane	7.875	56	199654	53.032	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	231216	55.816	ug/l	100
36) 1,1-Dichloropropene	8.010	75	190244	55.258	ug/l	97
37) Ethyl Acetate	7.163	43	85524	57.363	ug/l	98
38) Carbon Tetrachloride	7.987	117	199982	55.182	ug/l	99
39) Methylcyclohexane	9.269	83	229141	57.078	ug/l	91
40) Benzene	8.252	78	639075	57.981	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	47179	54.143	ug/l	86
42) 1,2-Dichloroethane	8.322	62	157461	59.093	ug/l	96
43) Isopropyl Acetate	8.358	43	157120	57.668	ug/l	94
44) Trichloroethene	9.028	130	146758	55.855	ug/l	87
45) 1,2-Dichloropropane	9.305	63	155880	57.935	ug/l	98
46) Dibromomethane	9.393	93	90528	57.382	ug/l	92
47) Bromodichloromethane	9.581	83	219616	56.937	ug/l	96
48) Methyl methacrylate	9.381	41	73910	54.873	ug/l	87
49) 1,4-Dioxane	9.381	88	21179	1185.446	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	428809	293.934	ug/l	97
52) Toluene	10.334	92	398738	58.764	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	190875	54.624	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	228946	54.850	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	121298	57.275	ug/l	94
56) Ethyl methacrylate	10.599	69	153510	53.351	ug/l	96
57) 1,3-Dichloropropane	10.875	76	199088	57.294	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	319976	254.492	ug/l	92
59) 2-Hexanone	10.916	43	293663	281.736	ug/l	99
60) Dibromochloromethane	11.075	129	151937	55.890	ug/l	97
61) 1,2-Dibromoethane	11.175	107	113752	56.965	ug/l	94
64) Tetrachloroethene	10.804	164	128712	61.112	ug/l	93
65) Chlorobenzene	11.604	112	437124	57.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	146190	57.456	ug/l	98
67) Ethyl Benzene	11.681	91	748673	59.467	ug/l	98
68) m/p-Xylenes	11.787	106	583073	119.939	ug/l	89
69) o-Xylene	12.116	106	274715	60.392	ug/l	87
70) Styrene	12.134	104	493979	60.855	ug/l	96
71) Bromoform	12.299	173	82458	55.937	ug/l #	96
73) Isopropylbenzene	12.416	105	686384	60.253	ug/l	98
74) N-amyl acetate	12.234	43	152414	59.535	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	138659	57.613	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	165982	101.221	ug/l #	100
77) Bromobenzene	12.698	156	163567	60.681	ug/l	83
78) n-propylbenzene	12.757	91	849022	59.796	ug/l	96
79) 2-Chlorotoluene	12.846	91	490820	60.273	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	584433	60.528	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	42083	48.387	ug/l	96
82) 4-Chlorotoluene	12.946	91	509898	58.839	ug/l	95
83) tert-Butylbenzene	13.163	119	491869	61.002	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	599865	61.246	ug/l	96
85) sec-Butylbenzene	13.340	105	751929	60.844	ug/l	97
86) p-Isopropyltoluene	13.457	119	622007	60.775	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	335791	59.073	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	322976	56.452	ug/l	95
89) n-Butylbenzene	13.787	91	582300	58.526	ug/l	97
90) Hexachloroethane	14.051	117	125512	55.511	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	295964	58.694	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.440	75	19271	57.007	ug/l	88
93) 1,2,4-Trichlorobenzene	15.092	180	160857	56.768	ug/l	97
94) Hexachlorobutadiene	15.198	225	88555	58.927	ug/l	95
95) Naphthalene	15.328	128	351271	62.357	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	151083	59.689	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 17:06:59 2024
Response via : Initial Calibration

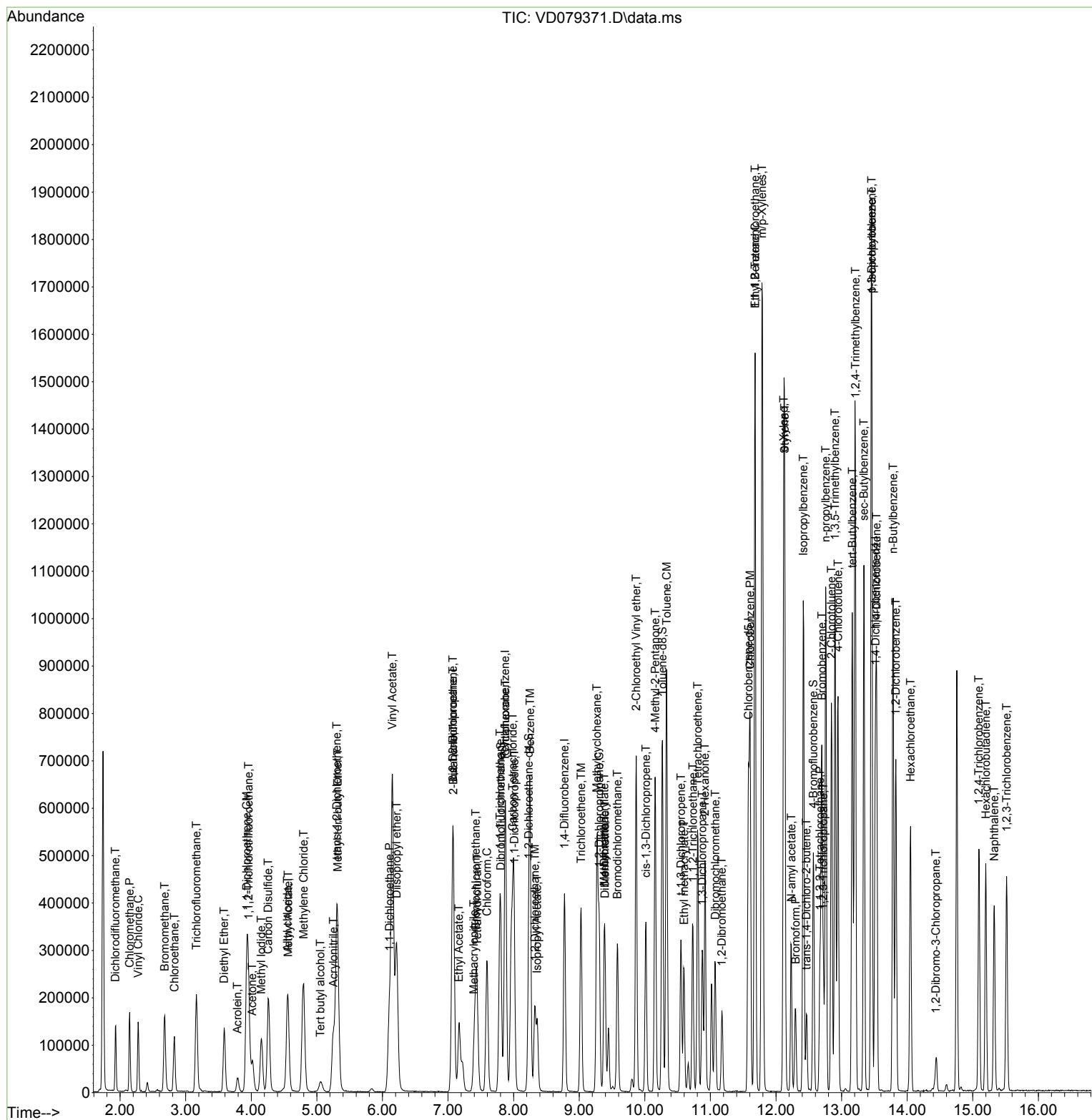
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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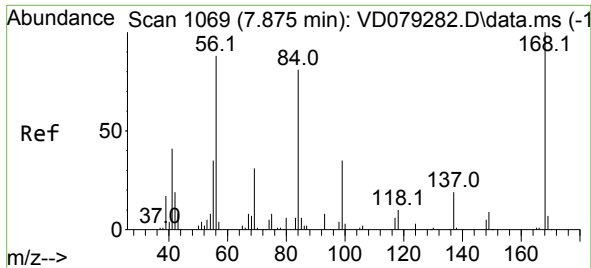
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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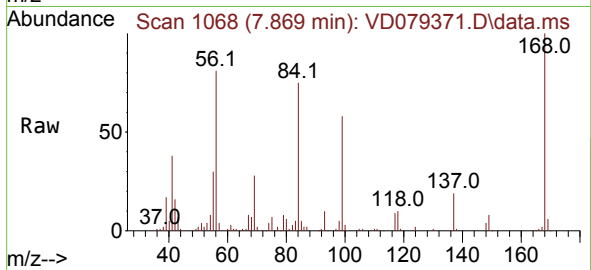
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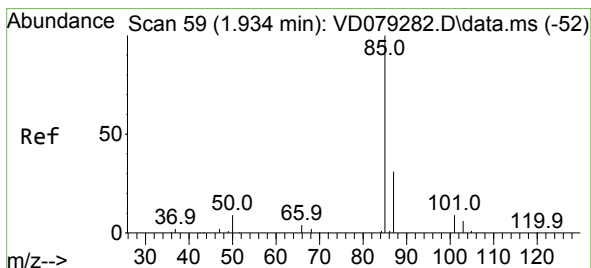
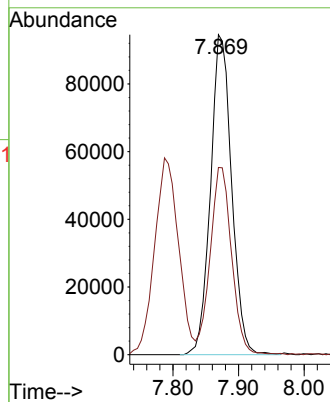
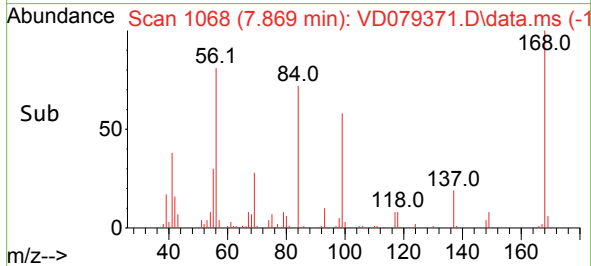


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
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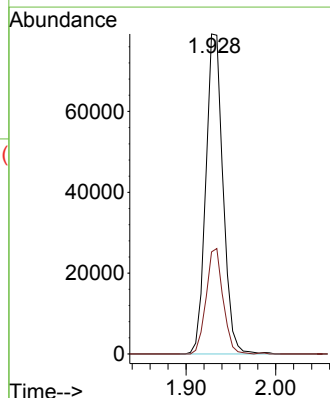
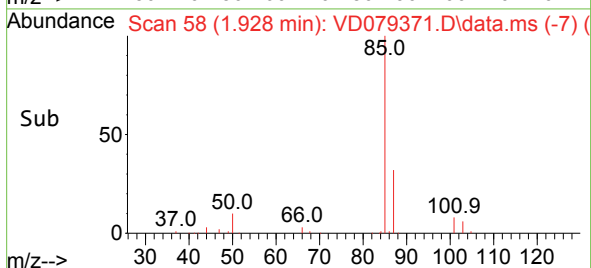
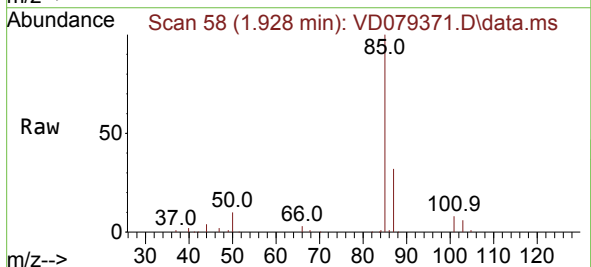


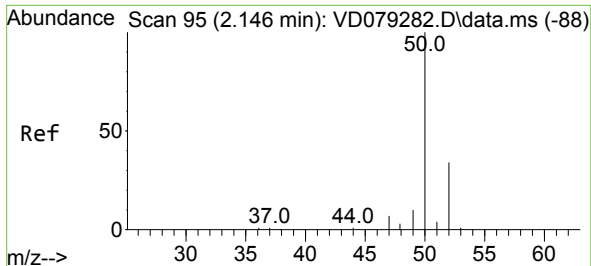
Tgt Ion:168 Resp: 211254
Ion Ratio Lower Upper
168 100
99 58.1 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 53.773 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

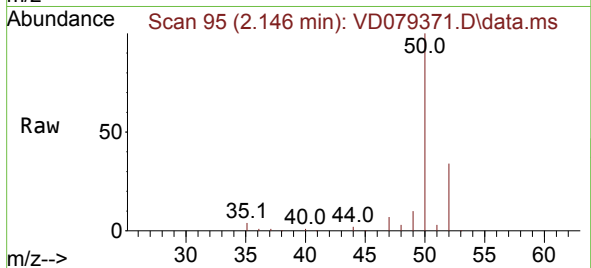
Tgt Ion: 85 Resp: 105324
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0



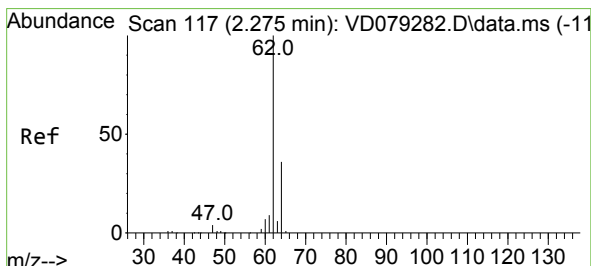
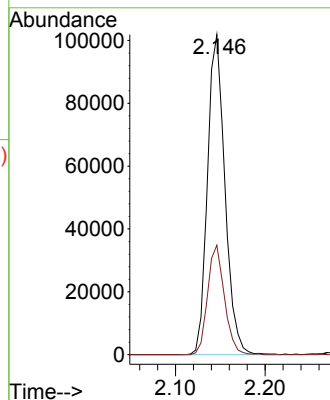
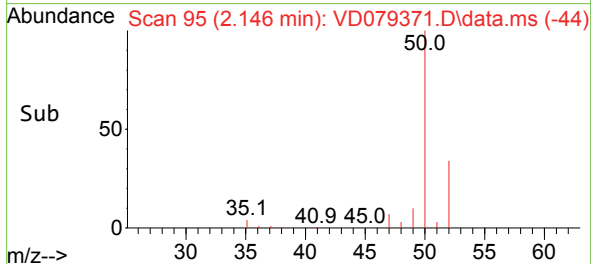


#3
Chloromethane
Concen: 52.452 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Instrument :
MSVOA_D
ClientSampleId :

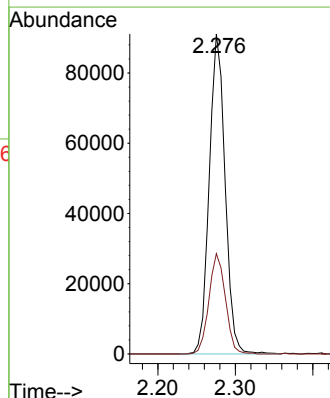
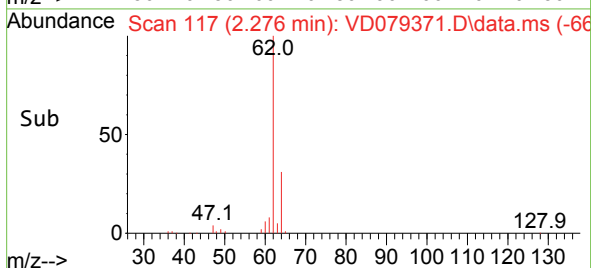
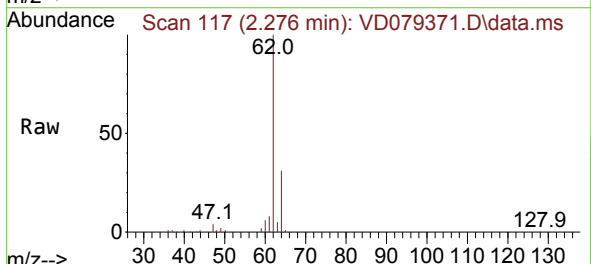


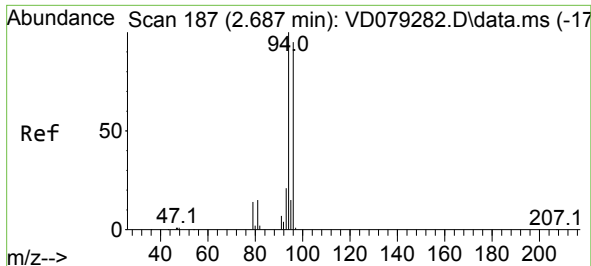
Tgt Ion: 50 Resp: 137558
Ion Ratio Lower Upper
50 100
52 34.2 28.2 42.2



#4
Vinyl Chloride
Concen: 47.944 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

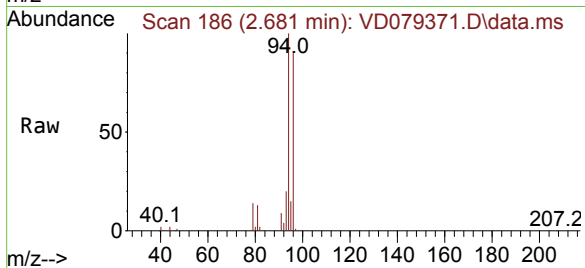
Tgt Ion: 62 Resp: 129229
Ion Ratio Lower Upper
62 100
64 31.4 26.3 39.5



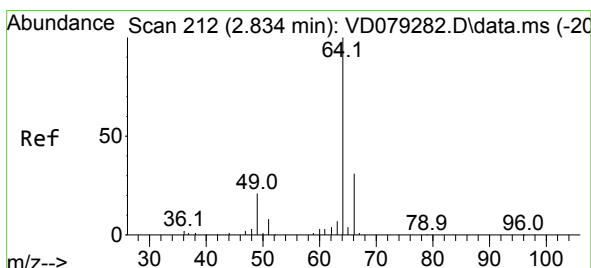
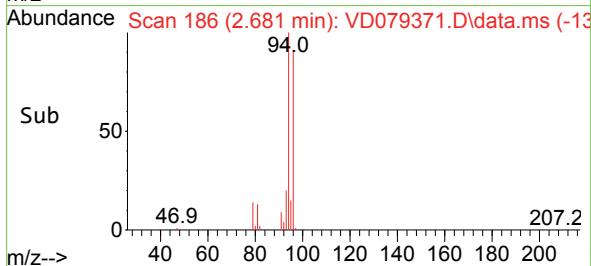
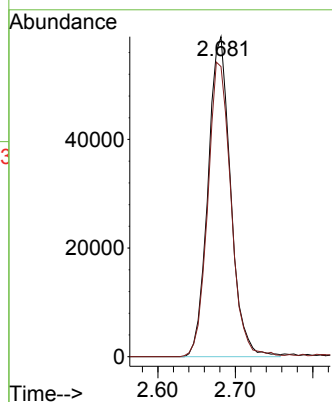


#5
Bromomethane
Concen: 70.557 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.023 min
Lab File: VD079371.D
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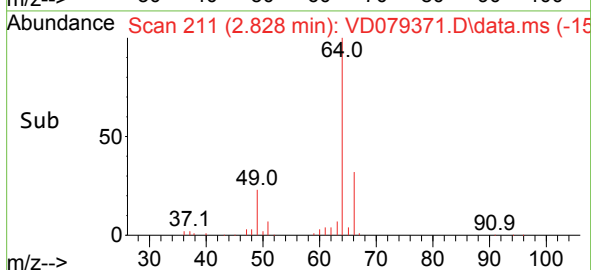
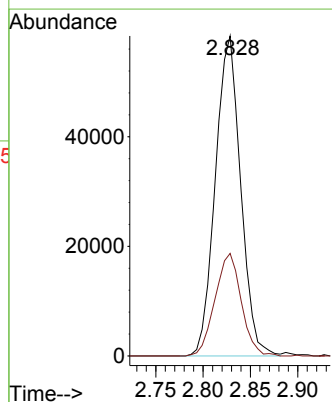
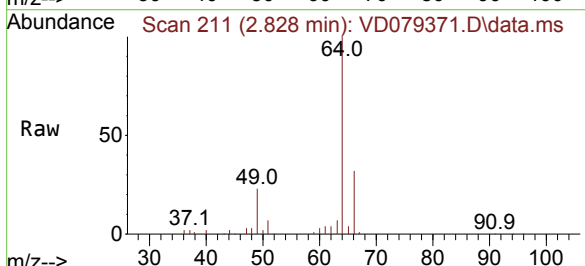


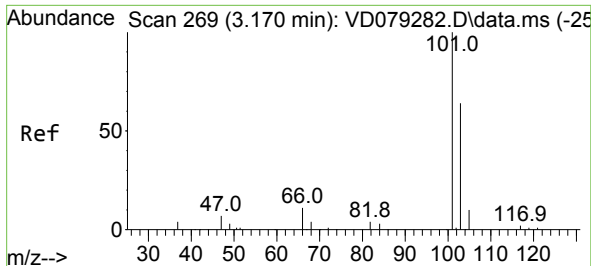
Tgt Ion: 94 Resp: 119756
Ion Ratio Lower Upper
94 100
96 94.2 76.9 115.3



#6
Chloroethane
Concen: 75.034 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD079371.D
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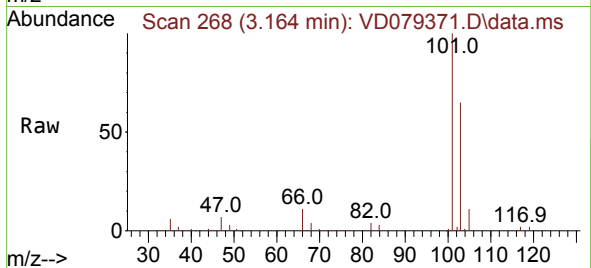
Tgt Ion: 64 Resp: 108364
Ion Ratio Lower Upper
64 100
66 32.1 24.5 36.7



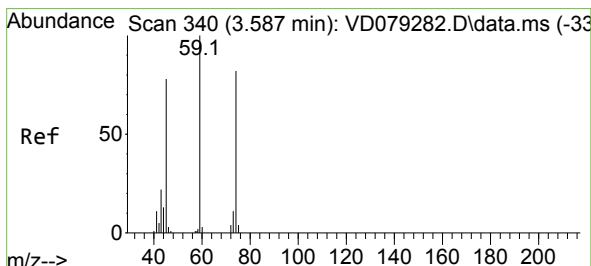
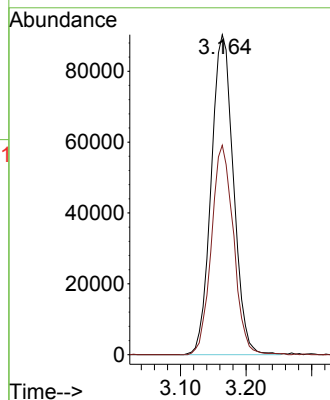
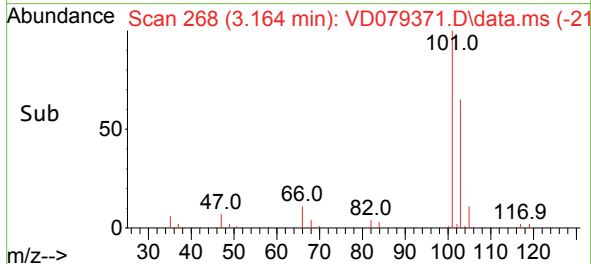


#7
Trichlorofluoromethane
Concen: 53.982 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD079371.D
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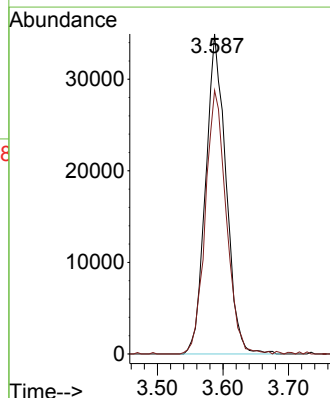
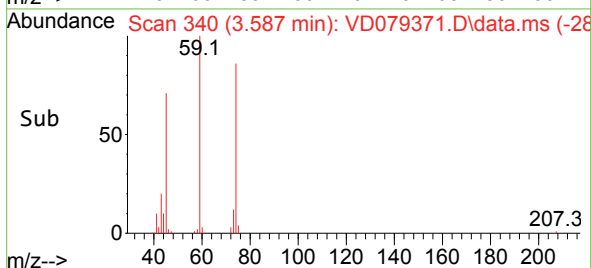
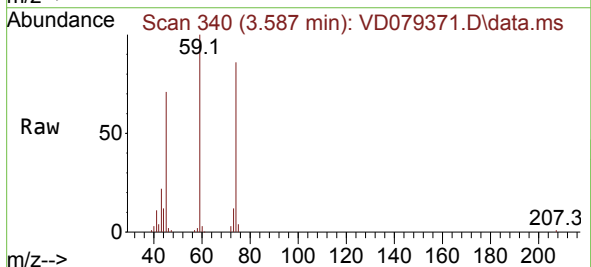


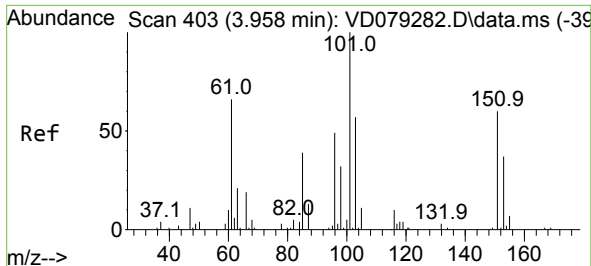
Tgt Ion:101 Resp: 212603
Ion Ratio Lower Upper
101 100
103 65.5 53.2 79.8



#8
Diethyl Ether
Concen: 59.788 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD079371.D
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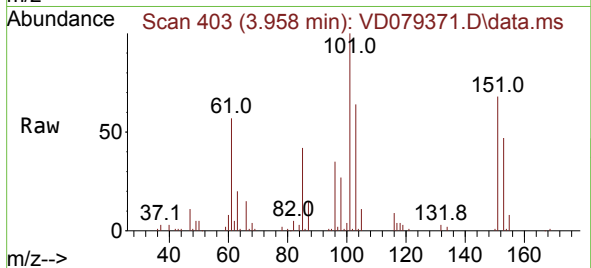
Tgt Ion: 74 Resp: 75223
Ion Ratio Lower Upper
74 100
45 84.9 37.9 113.6



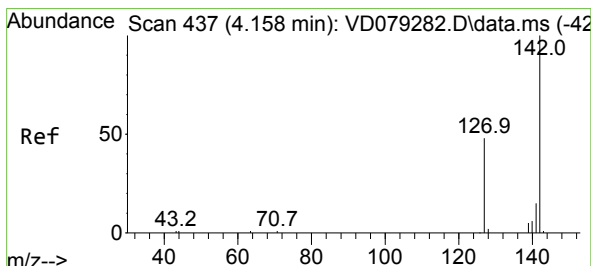
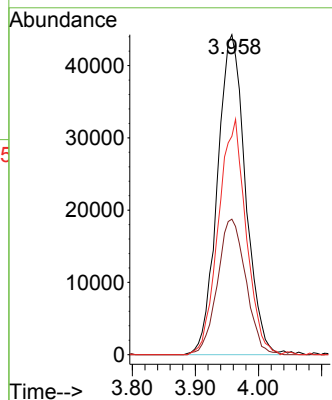
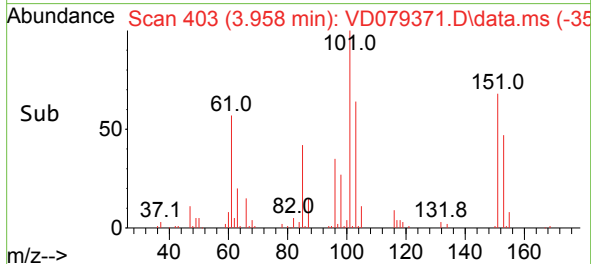


#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.164 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Instrument :
MSVOA_D
ClientSampleId :

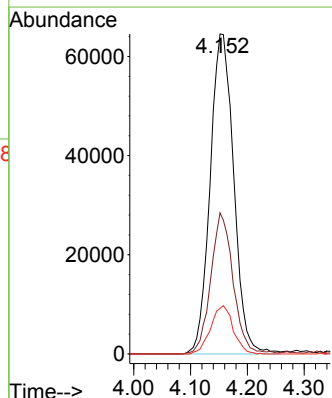
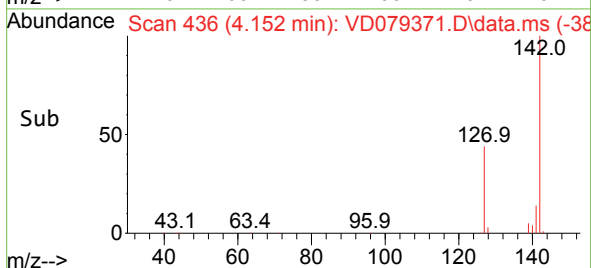
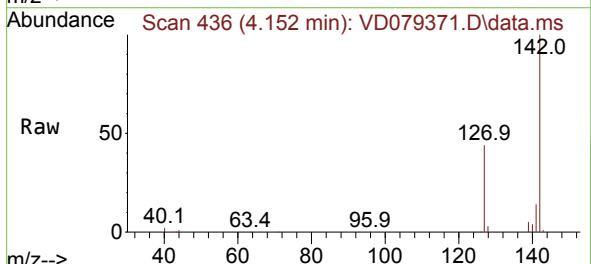


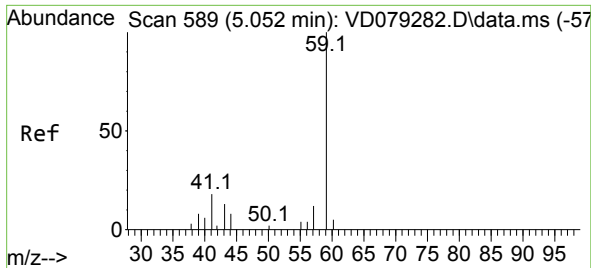
Tgt Ion:101 Resp: 136273
Ion Ratio Lower Upper
101 100
85 43.1 33.5 50.3
151 72.6 60.3 90.5



#10
Methyl Iodide
Concen: 68.345 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

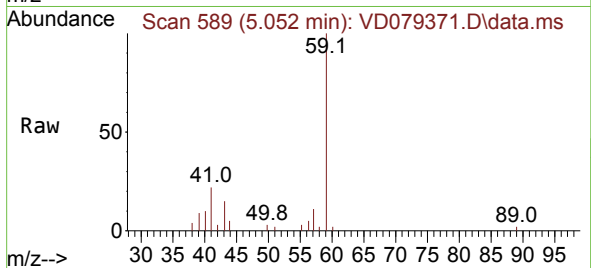
Tgt Ion:142 Resp: 186230
Ion Ratio Lower Upper
142 100
127 41.8 34.2 51.4
141 14.4 11.7 17.5



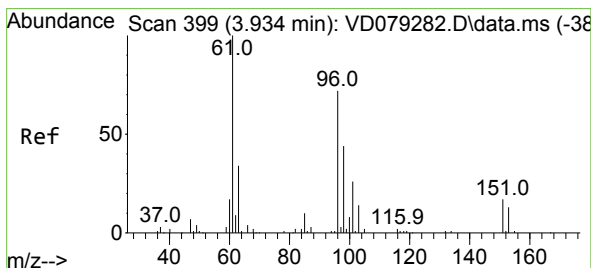
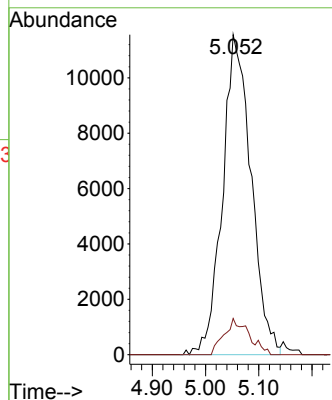
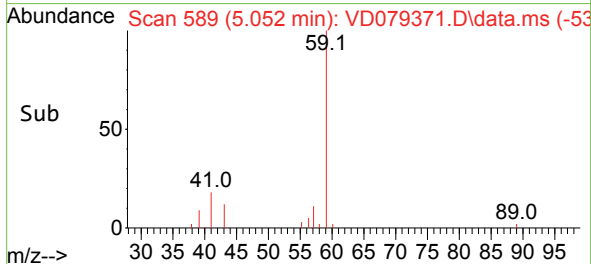


#11
Tert butyl alcohol
Concen: 271.150 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Instrument :
MSVOA_D
ClientSampleId :

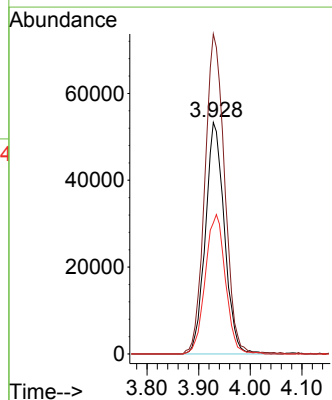
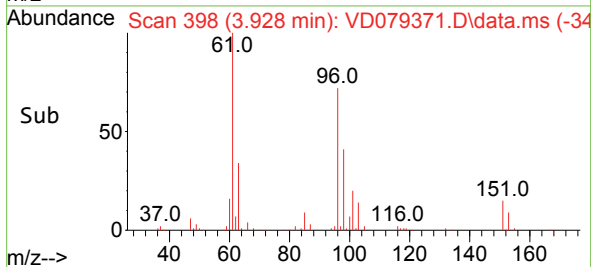
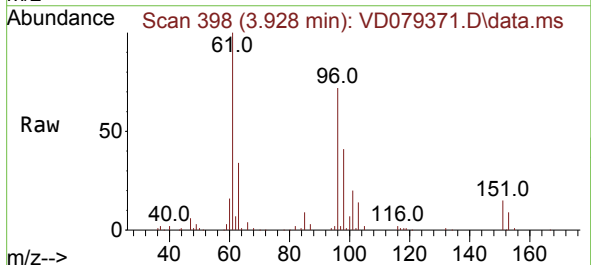


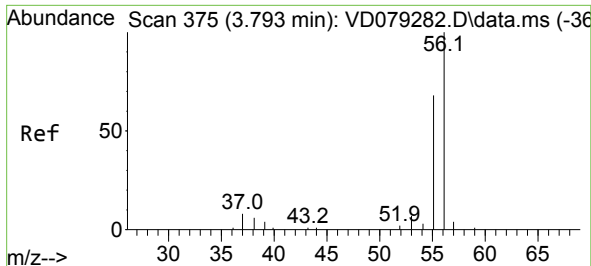
Tgt Ion: 59 Resp: 43090
Ion Ratio Lower Upper
59 100
57 9.8 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 55.500 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

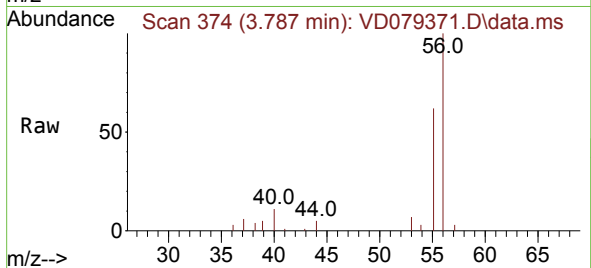
Tgt Ion: 96 Resp: 136158
Ion Ratio Lower Upper
96 100
61 138.2 107.3 160.9
98 56.6 51.7 77.5



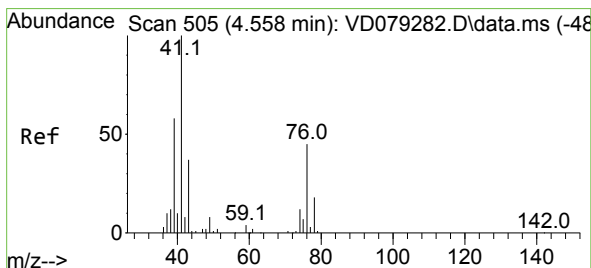
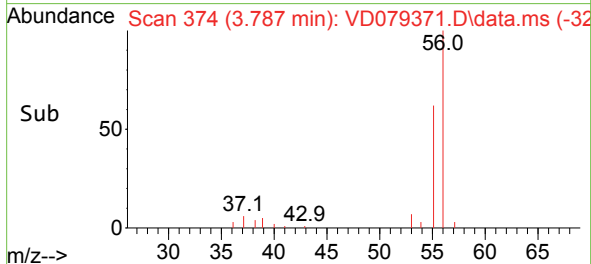
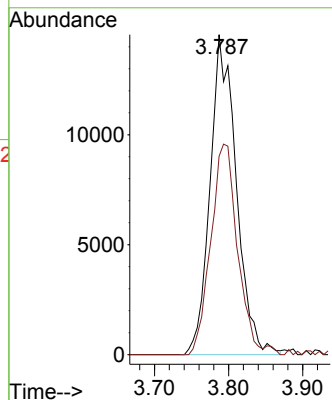


#13
Acrolein
Concen: 181.102 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Instrument :
MSVOA_D
ClientSampleId :

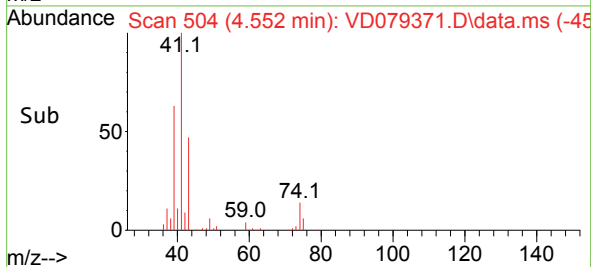
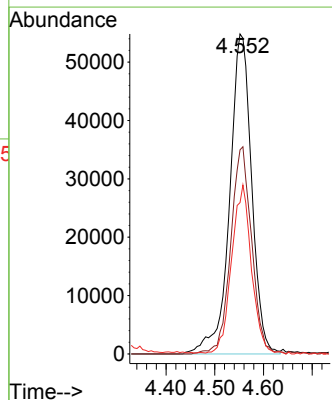
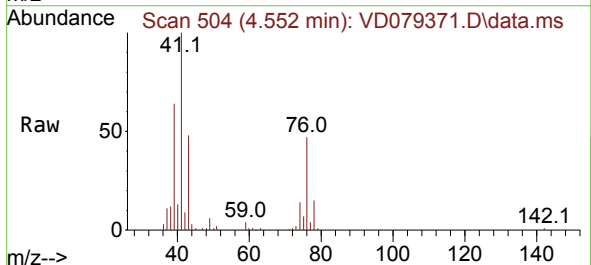


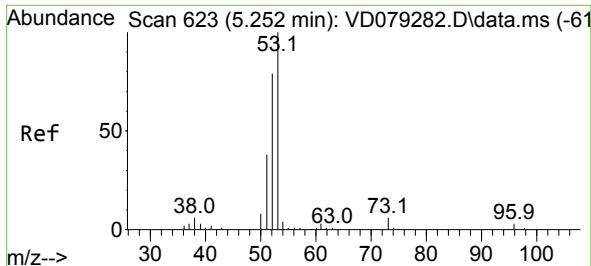
Tgt Ion: 56 Resp: 35680
Ion Ratio Lower Upper
56 100
55 66.7 55.3 82.9



#14
Allyl chloride
Concen: 54.962 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 41 Resp: 171827
Ion Ratio Lower Upper
41 100
39 61.6 58.0 87.0
76 48.0 45.9 68.9

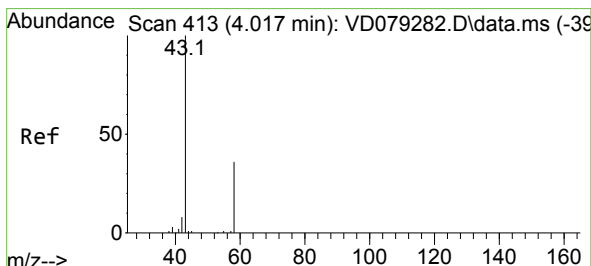
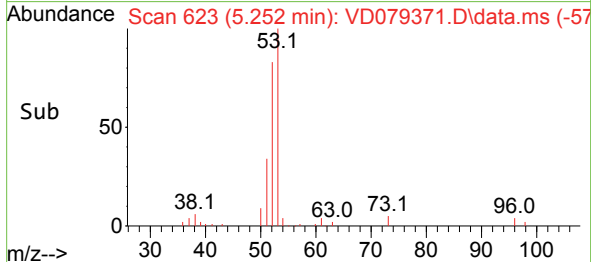
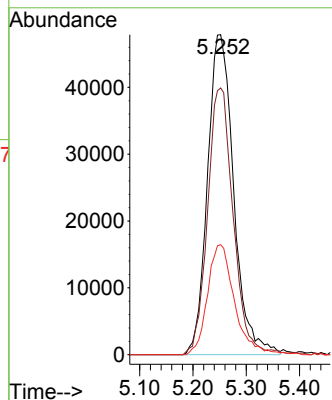
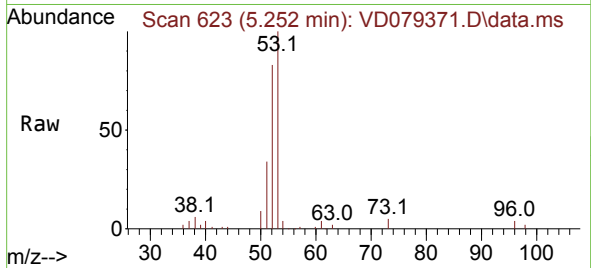




#15
Acrylonitrile
Concen: 282.145 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

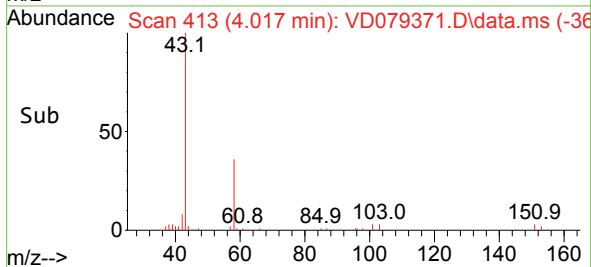
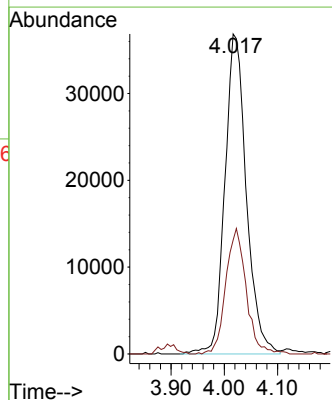
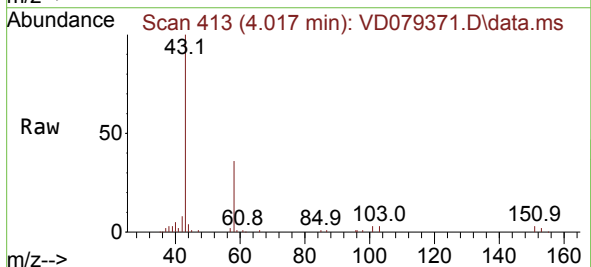
Instrument :
MSVOA_D
ClientSampleId :

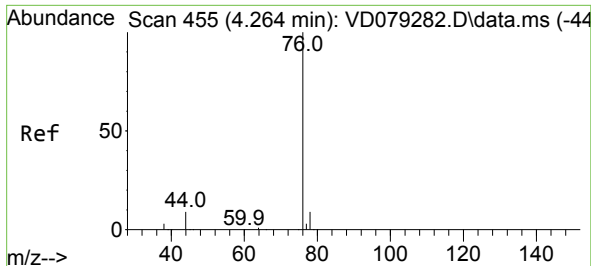
Tgt Ion: 53 Resp: 163512
Ion Ratio Lower Upper
53 100
52 80.9 67.7 101.5
51 35.5 28.6 42.8



#16
Acetone
Concen: 217.727 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 43 Resp: 103090
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6





#17

Carbon Disulfide

Concen: 53.807 ug/l

RT: 4.258 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

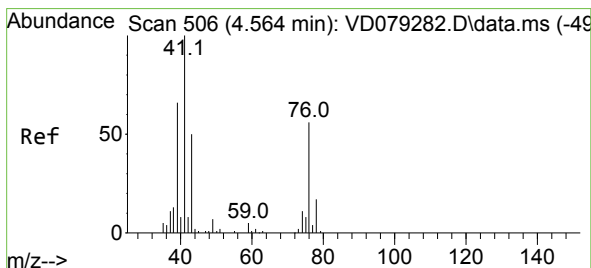
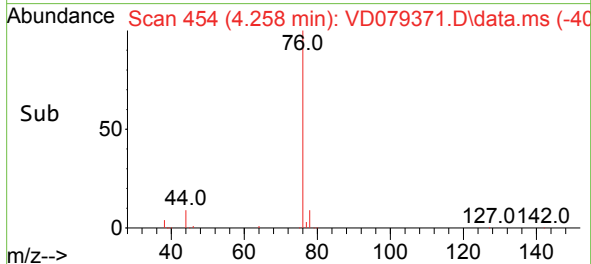
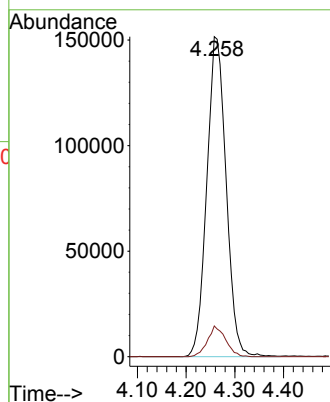
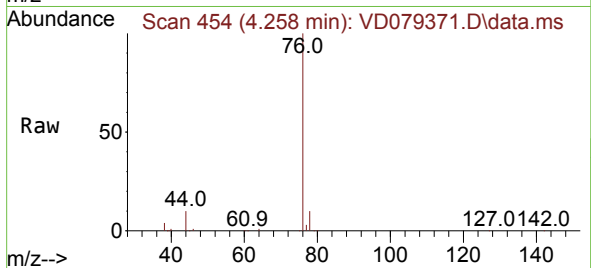
ClientSampleId :

Tgt Ion: 76 Resp: 417040

Ion Ratio Lower Upper

76 100

78 9.6 6.9 10.3



#18

Methyl Acetate

Concen: 57.075 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD079371.D

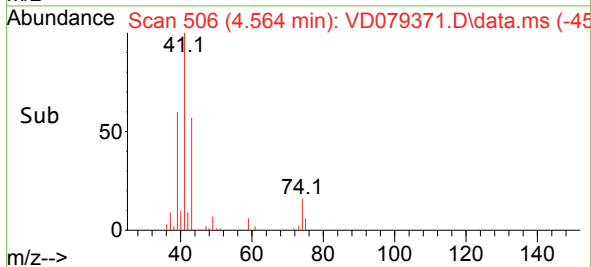
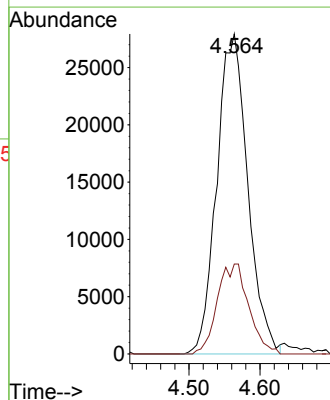
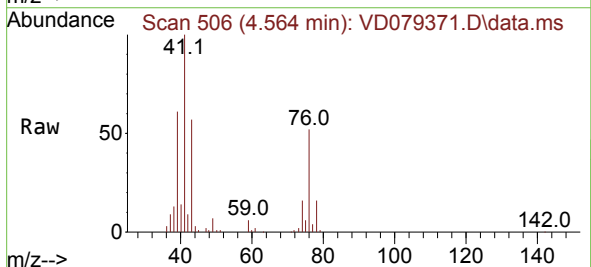
Acq: 09 Jul 2024 19:46

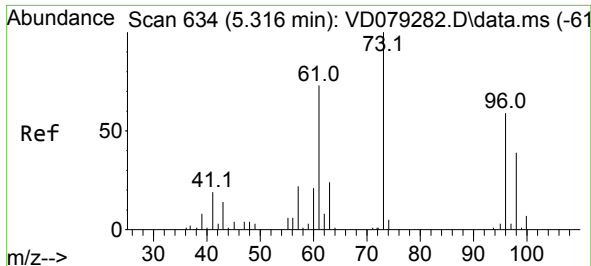
Tgt Ion: 43 Resp: 84558

Ion Ratio Lower Upper

43 100

74 28.5 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 59.821 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

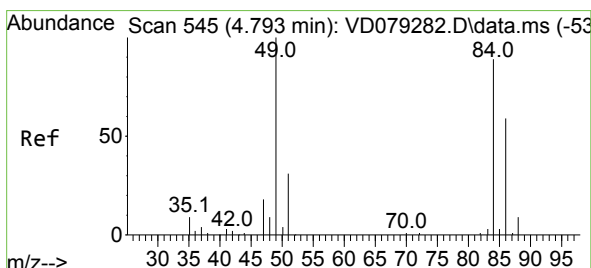
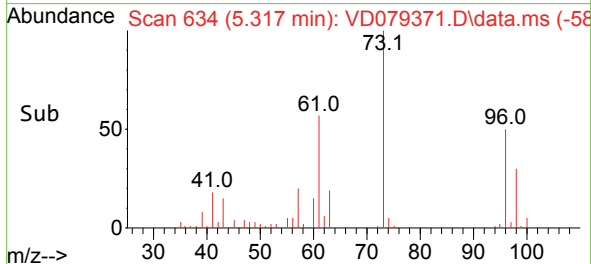
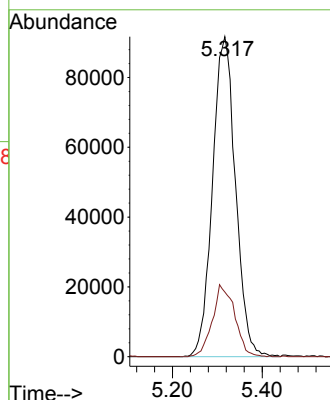
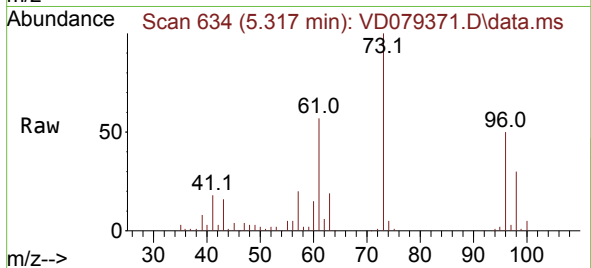
ClientSampleId :

Tgt Ion: 73 Resp: 326157

Ion Ratio Lower Upper

73 100

57 20.2 18.3 27.5



#20

Methylene Chloride

Concen: 52.073 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Tgt Ion: 84 Resp: 192336

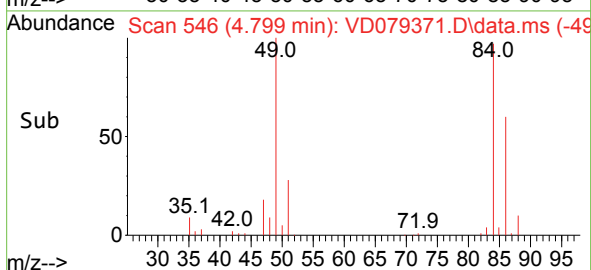
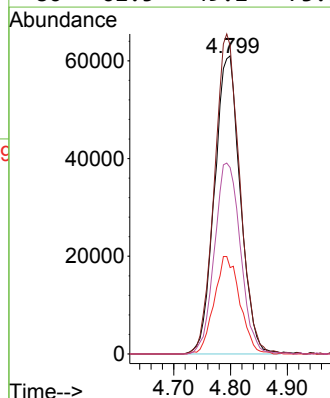
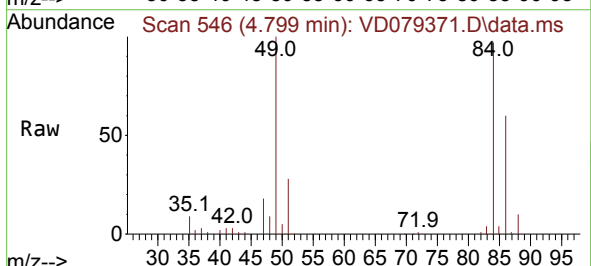
Ion Ratio Lower Upper

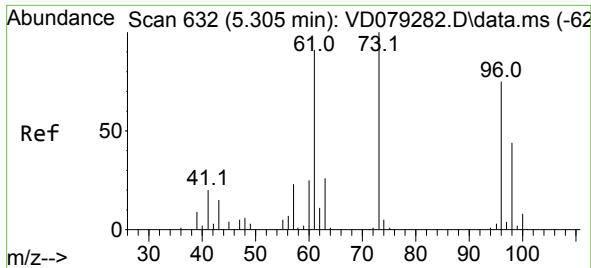
84 100

49 103.5 75.6 113.4

51 29.0 24.2 36.2

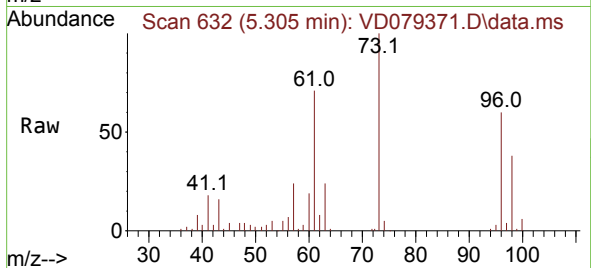
86 62.5 49.2 73.8



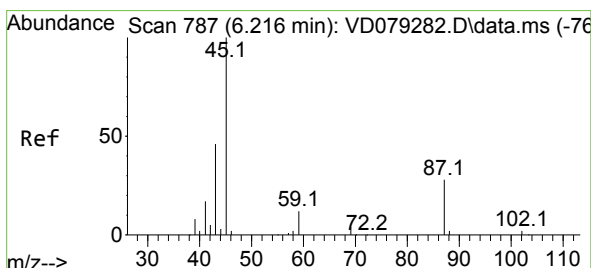
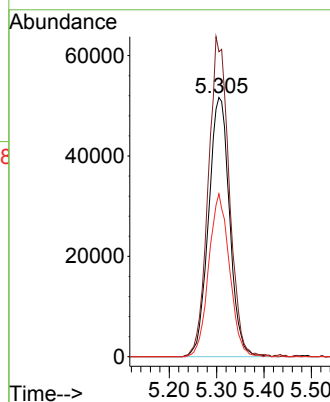
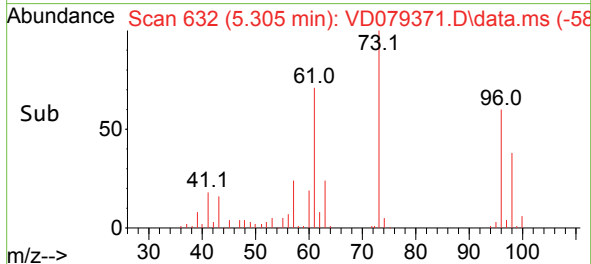


#21
trans-1,2-Dichloroethene
Concen: 58.370 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

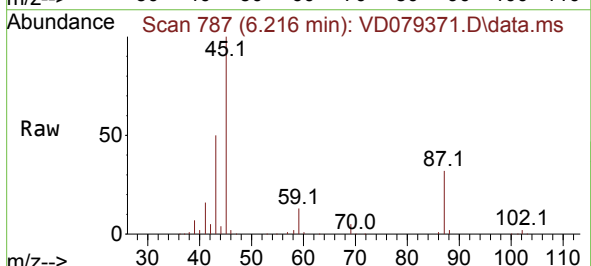
Instrument :
MSVOA_D
ClientSampleId :



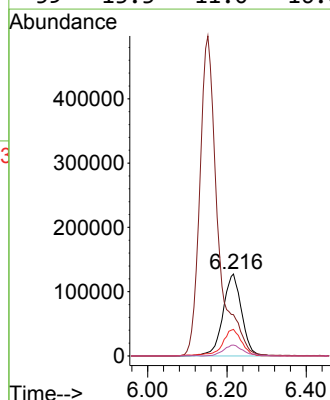
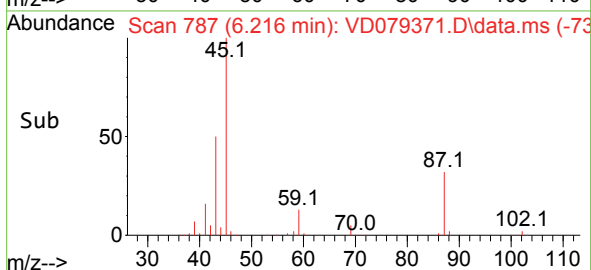
Tgt Ion: 96 Resp: 159074
Ion Ratio Lower Upper
96 100
61 117.6 84.5 126.7
98 62.8 50.5 75.7

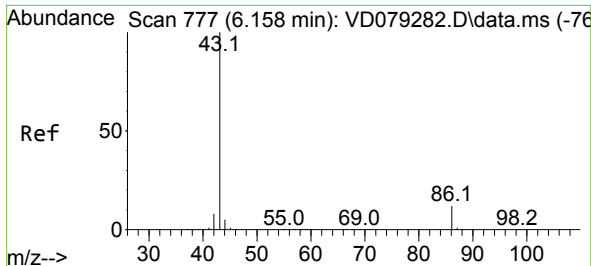


#22
Diisopropyl ether
Concen: 59.492 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46



Tgt Ion: 45 Resp: 416488
Ion Ratio Lower Upper
45 100
43 50.3 41.7 62.5
87 32.5 30.2 45.2
59 13.3 11.0 16.6

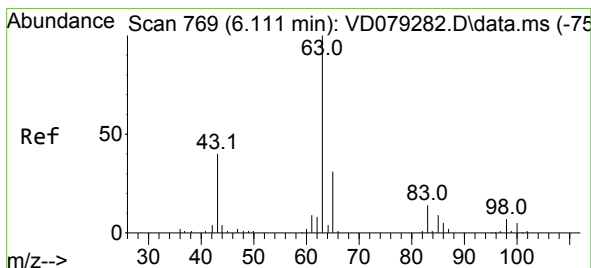
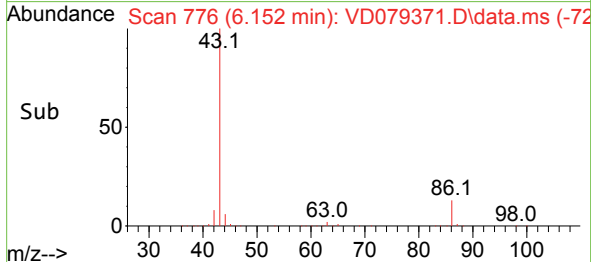
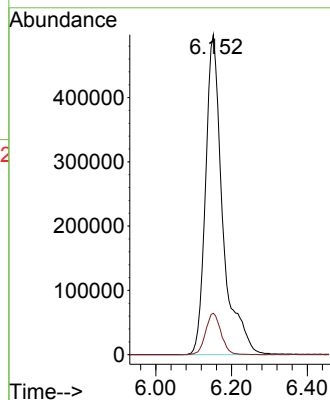
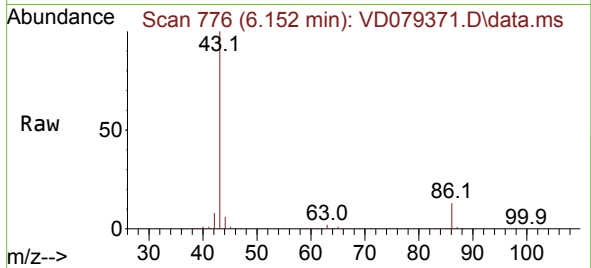




#23
 Vinyl Acetate
 Concen: 290.644 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

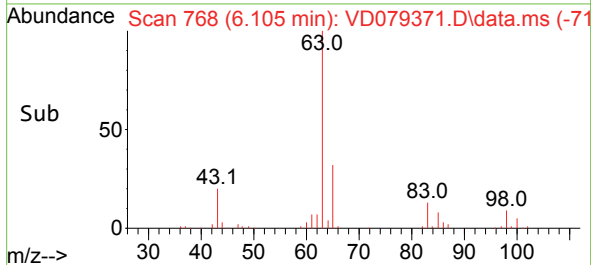
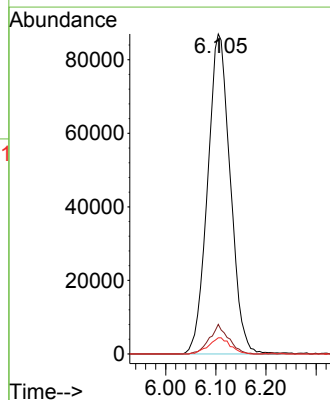
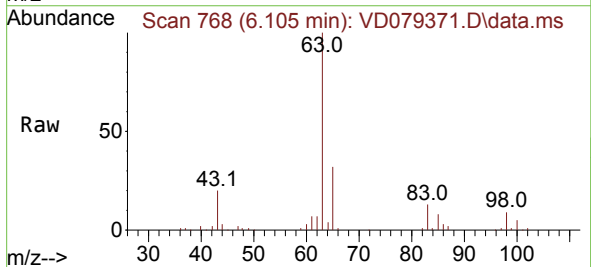
Instrument :
 MSVOA_D
 ClientSampleId :

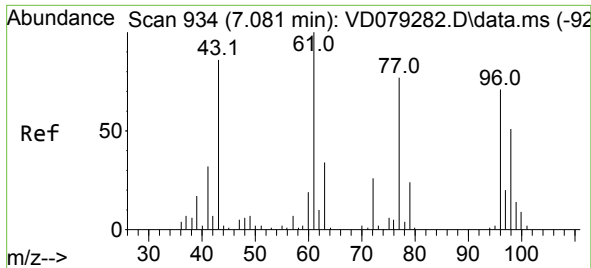
Tgt Ion: 43 Resp: 1557142
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 57.804 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

Tgt Ion: 63 Resp: 272853
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.7 14.0
 100 5.0 2.9 8.6

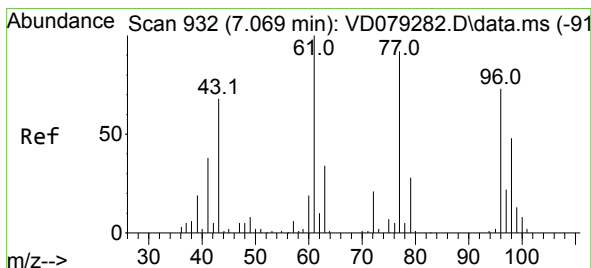
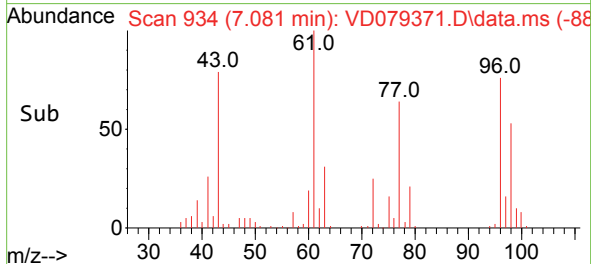
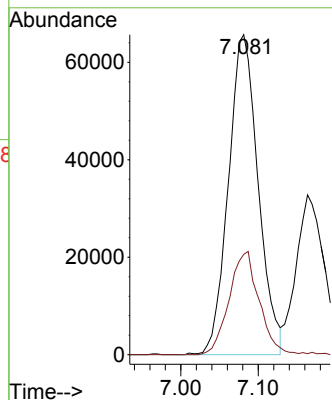
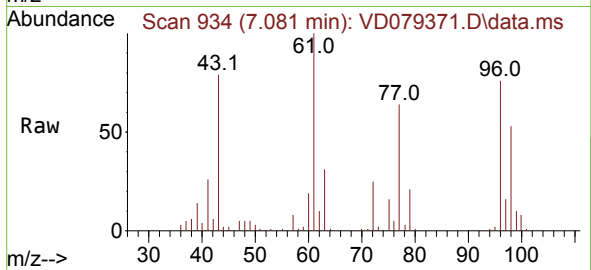




#25
2-Butanone
Concen: 261.511 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

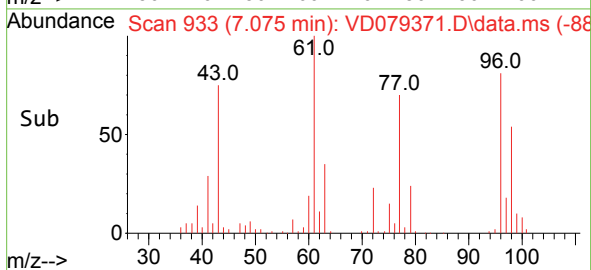
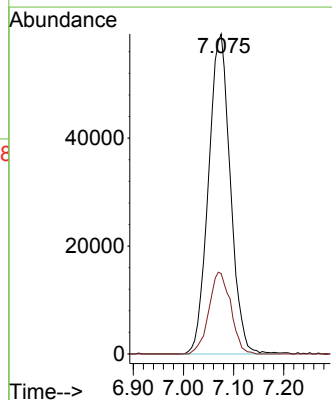
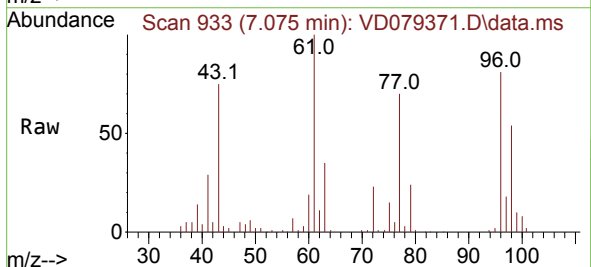
Instrument :
MSVOA_D
ClientSampleId :

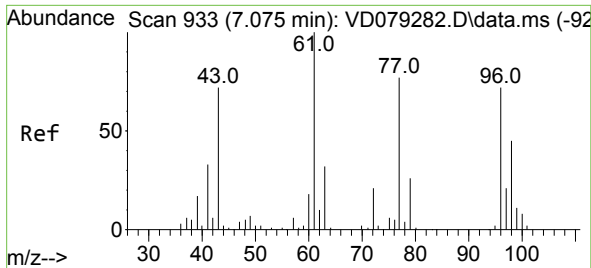
Tgt Ion: 43 Resp: 175878
Ion Ratio Lower Upper
43 100
72 31.4 26.4 39.6



#26
2,2-Dichloropropane
Concen: 45.424 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 77 Resp: 179580
Ion Ratio Lower Upper
77 100
97 25.5 12.4 37.2



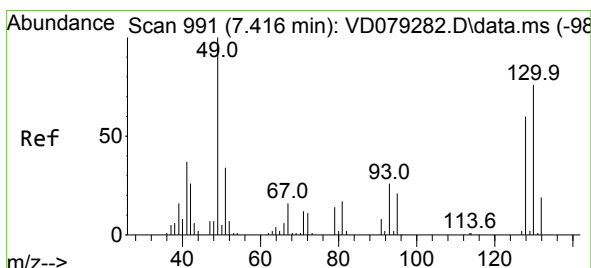
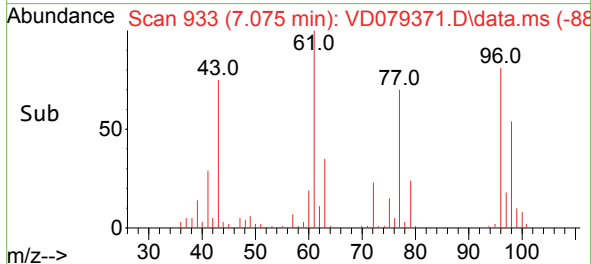
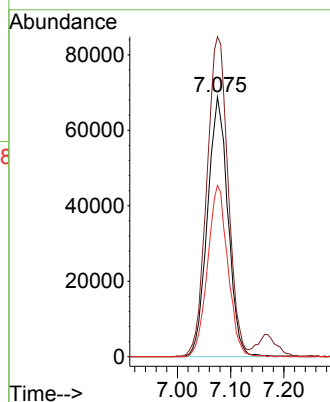
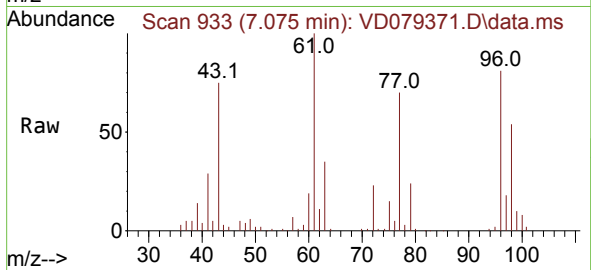


#27
 cis-1,2-Dichloroethene
 Concen: 57.716 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 183627

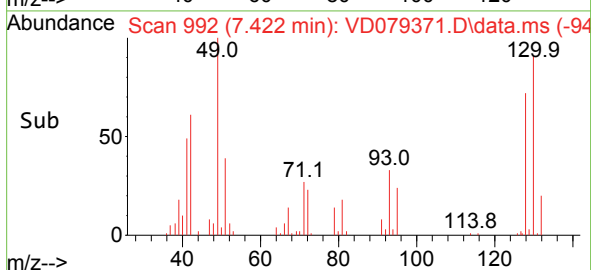
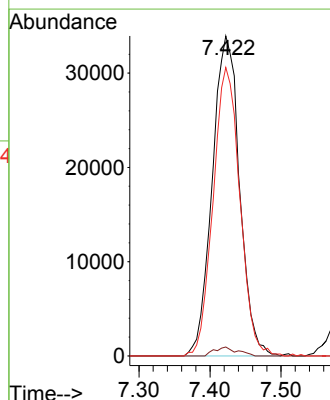
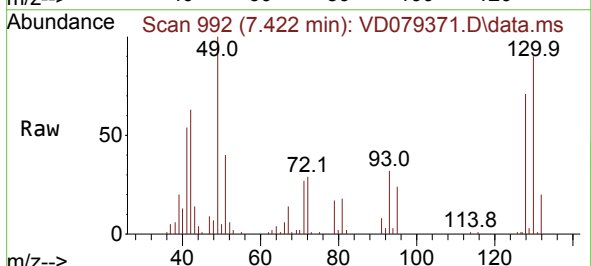
Ion	Ratio	Lower	Upper
96	100		
61	128.1	0.0	229.0
98	65.3	0.0	127.2

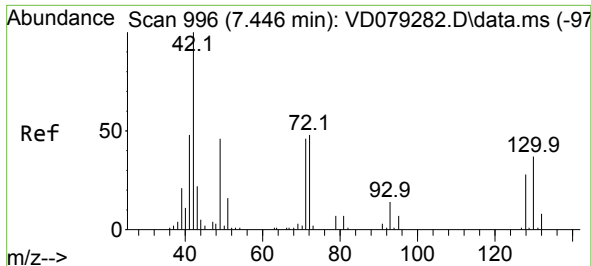


#28
 Bromochloromethane
 Concen: 45.508 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

Tgt Ion: 49 Resp: 90545

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	7.0
130	88.3	87.7	131.5





#29

Tetrahydrofuran

Concen: 296.303 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

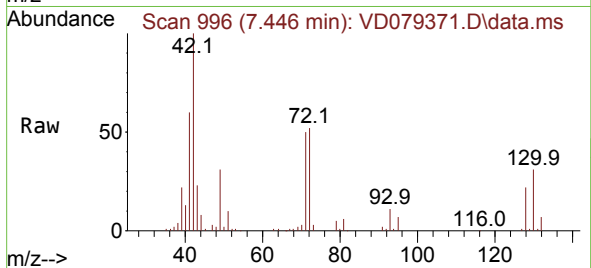
Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

ClientSampleId :



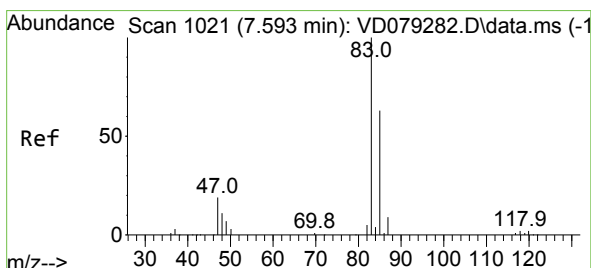
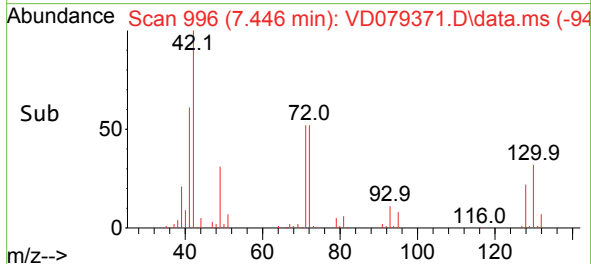
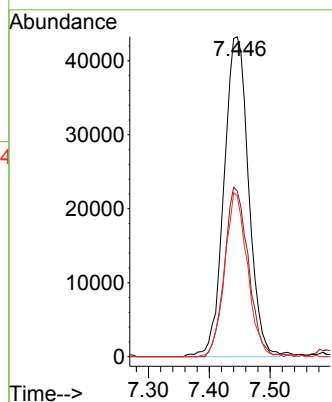
Tgt Ion: 42 Resp: 121462

Ion Ratio Lower Upper

42 100

72 51.4 49.4 74.0

71 47.5 45.0 67.6



#30

Chloroform

Concen: 58.717 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079371.D

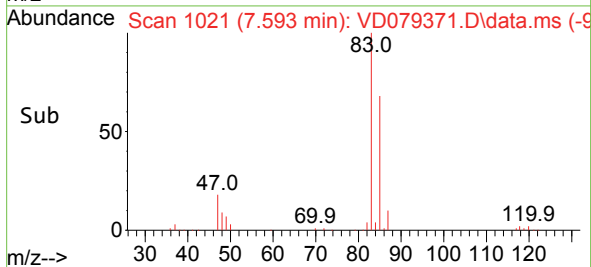
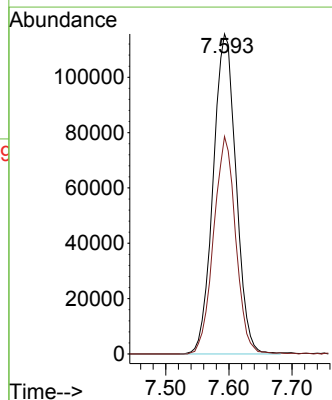
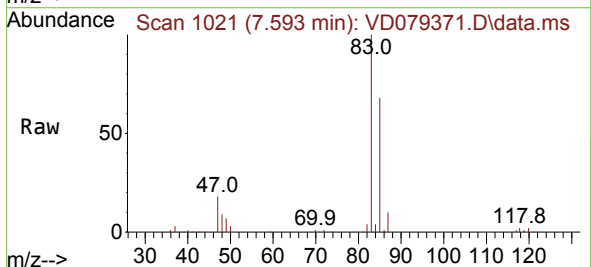
Acq: 09 Jul 2024 19:46

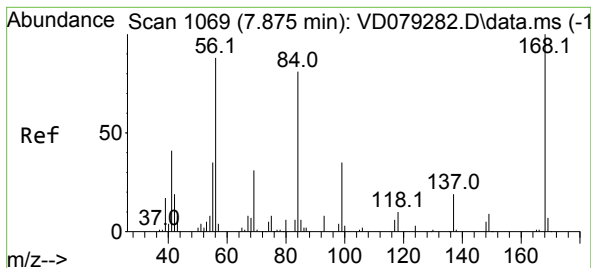
Tgt Ion: 83 Resp: 290966

Ion Ratio Lower Upper

83 100

85 67.9 51.8 77.6





#31

Cyclohexane

Concen: 53.032 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

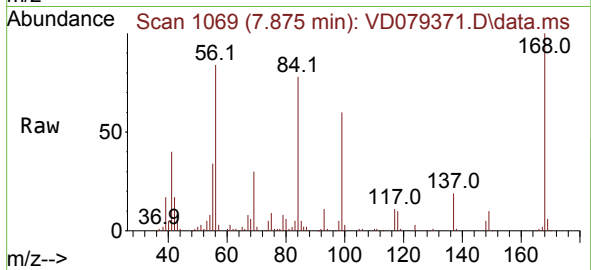
Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

ClientSampleId :



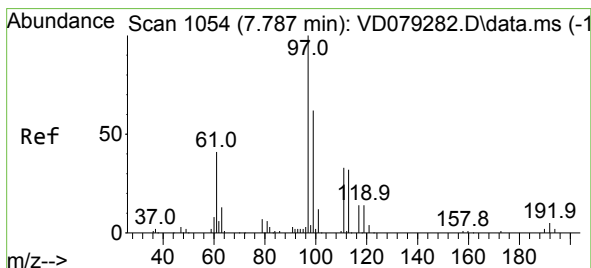
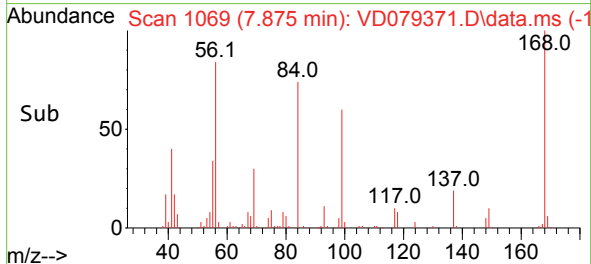
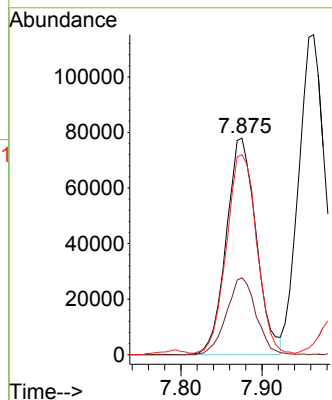
Tgt Ion: 56 Resp: 199654

Ion Ratio Lower Upper

56 100

69 35.5 28.0 42.0

84 90.7 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 55.816 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

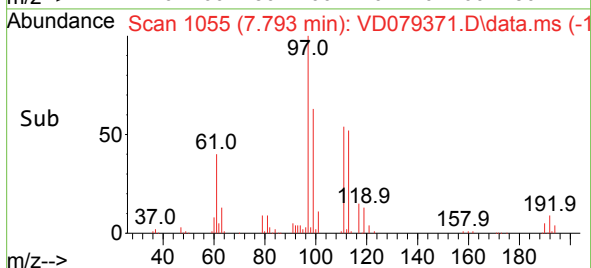
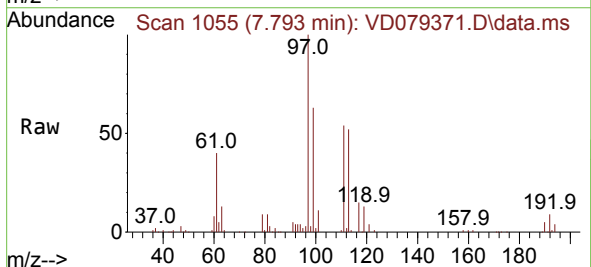
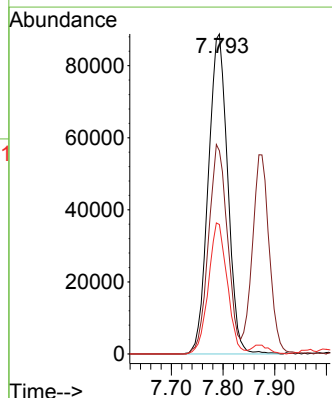
Tgt Ion: 97 Resp: 231216

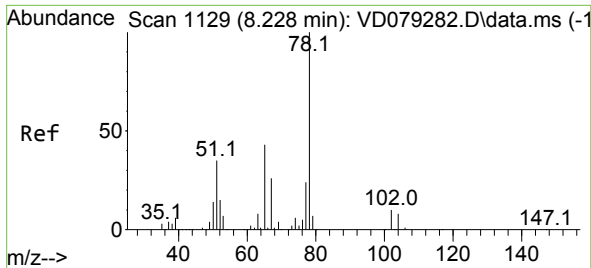
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 39.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 51.791 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

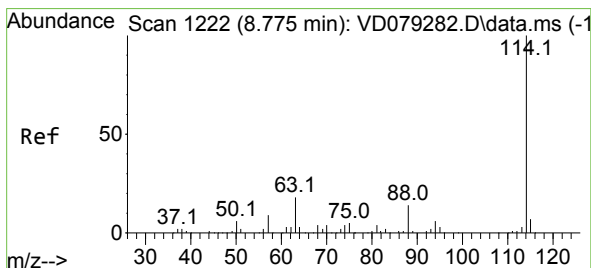
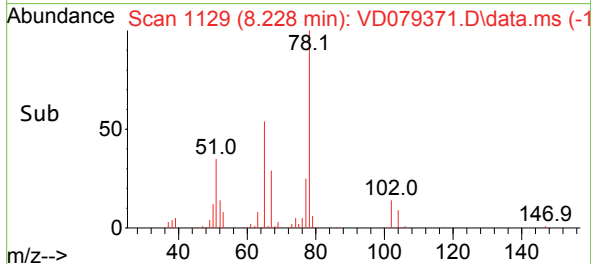
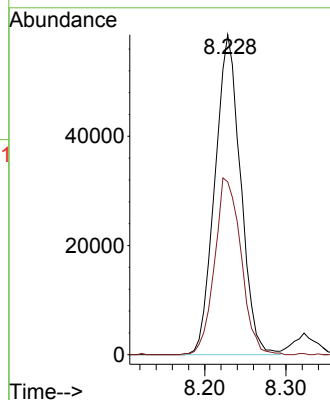
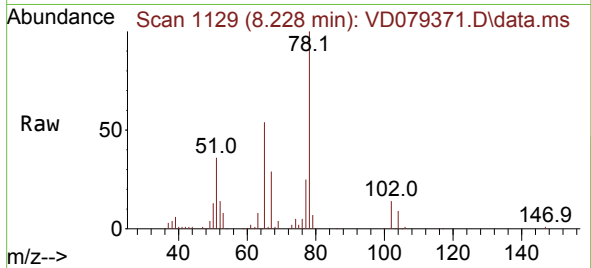
ClientSampleId :

Tgt Ion: 65 Resp: 128933

Ion Ratio Lower Upper

65 100

67 56.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

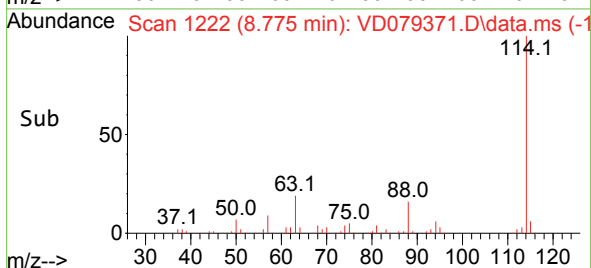
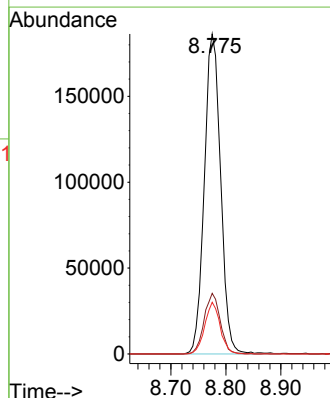
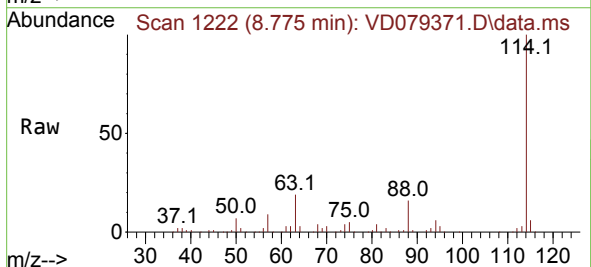
Tgt Ion: 114 Resp: 384153

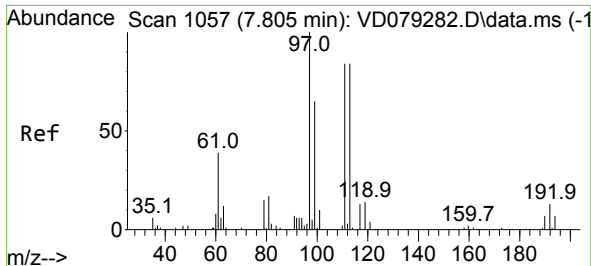
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 16.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.073 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

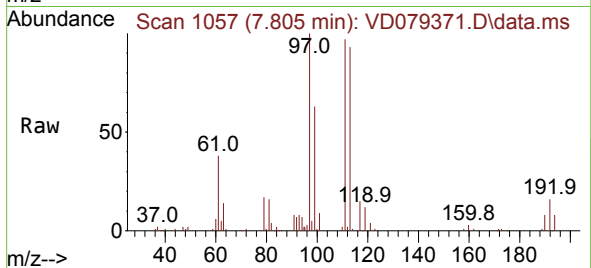
Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

ClientSampleId :



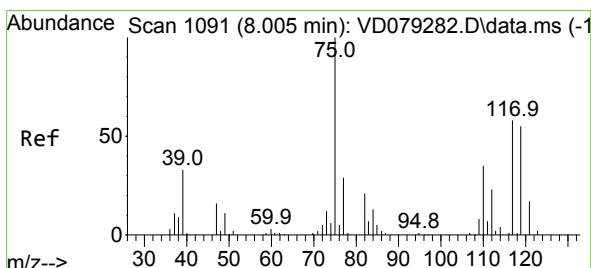
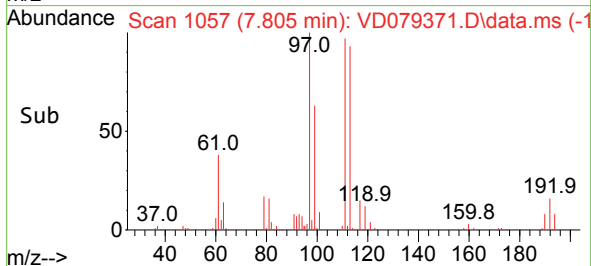
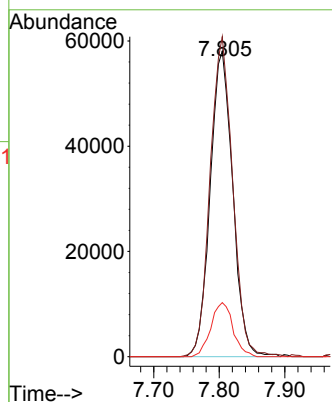
Tgt Ion:113 Resp: 138413

Ion Ratio Lower Upper

113 100

111 104.7 84.0 126.0

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 55.258 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

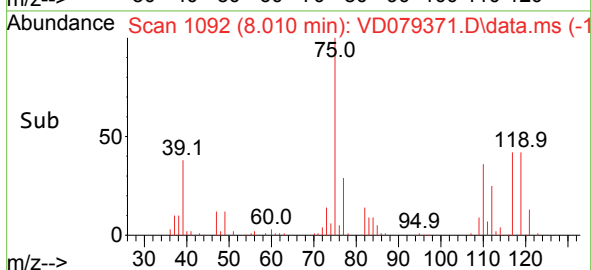
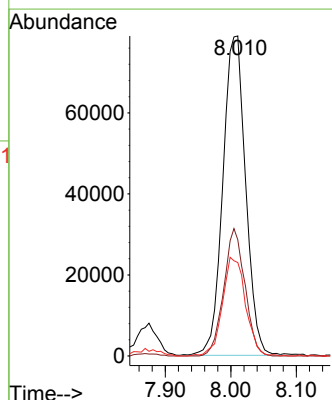
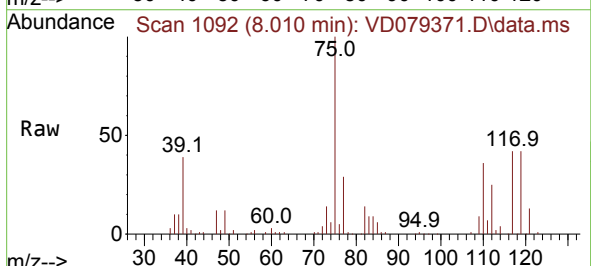
Tgt Ion: 75 Resp: 190244

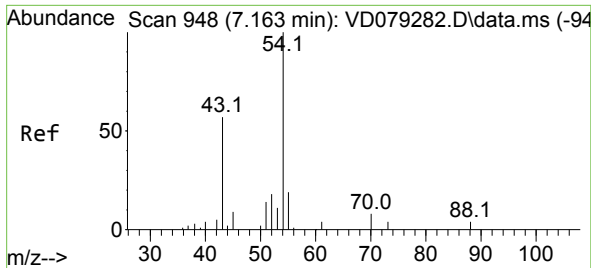
Ion Ratio Lower Upper

75 100

110 37.0 19.6 58.7

77 31.3 26.1 39.1

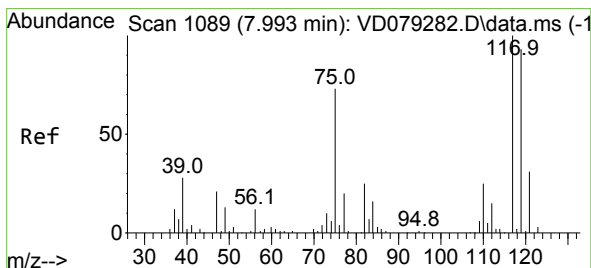
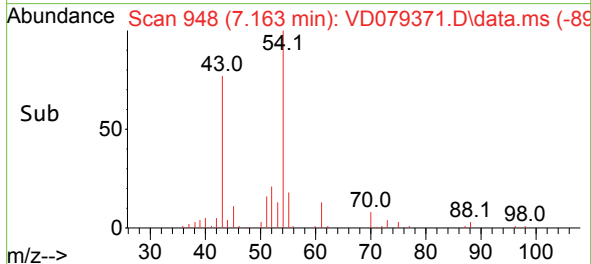
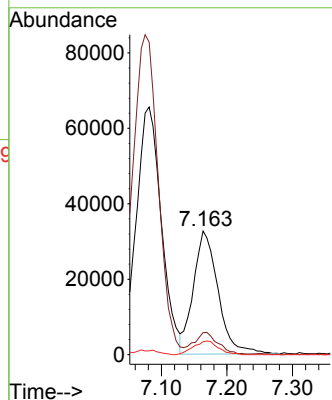
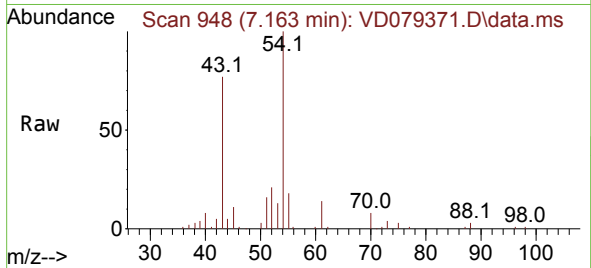




#37
Ethyl Acetate
Concen: 57.363 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

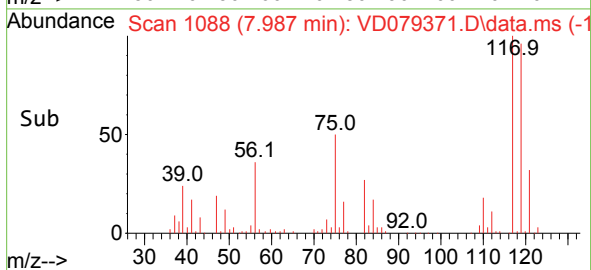
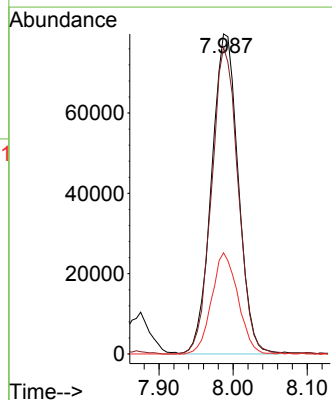
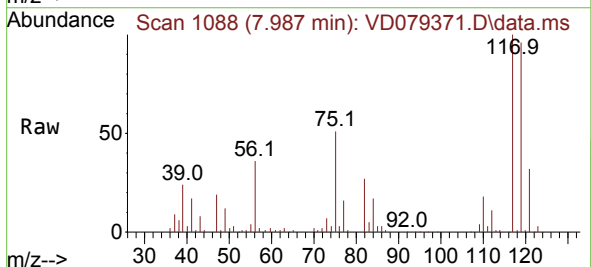
Instrument :
MSVOA_D
ClientSampleId :

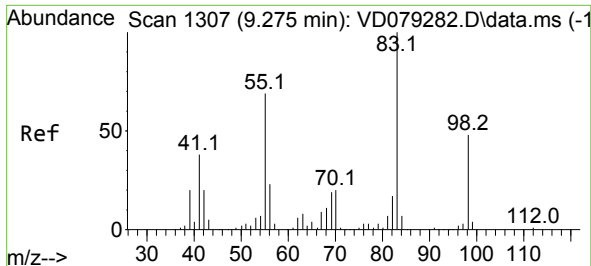
Tgt Ion: 43 Resp: 85524
Ion Ratio Lower Upper
43 100
61 16.7 13.9 20.9
70 11.2 9.8 14.6



#38
Carbon Tetrachloride
Concen: 55.182 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

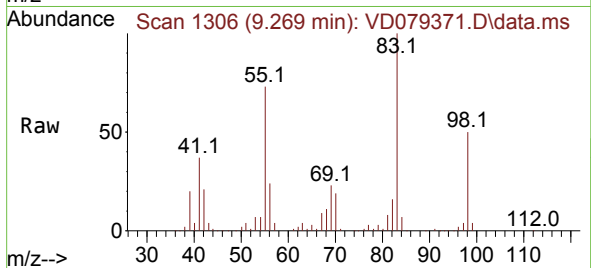
Tgt Ion: 117 Resp: 199982
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.0
121 31.6 25.0 37.4



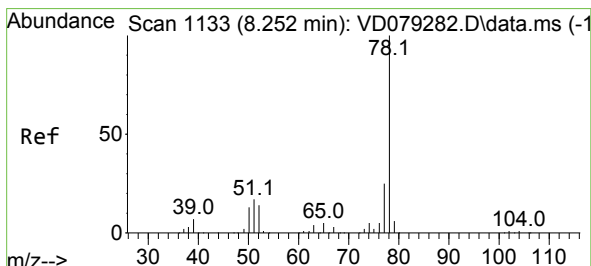
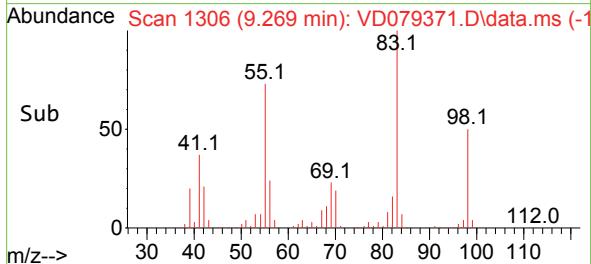
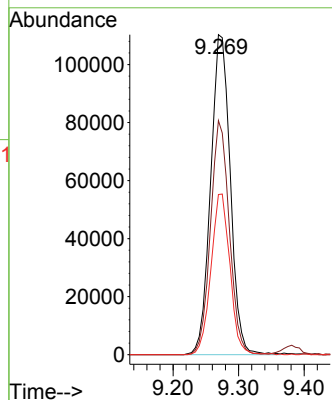


#39
Methylcyclohexane
Concen: 57.078 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Instrument :
MSVOA_D
ClientSampleId :

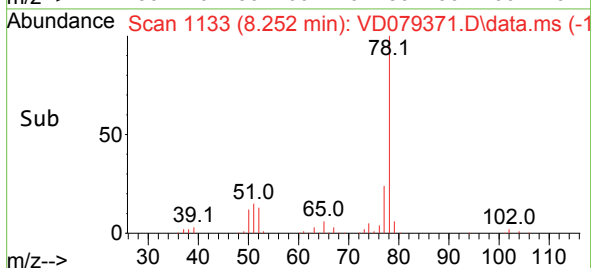
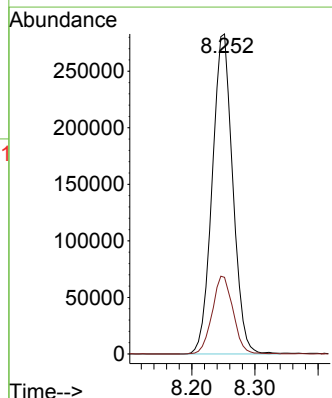
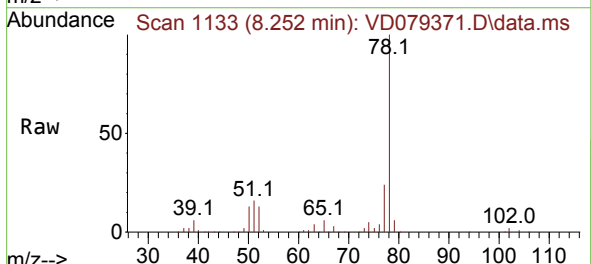


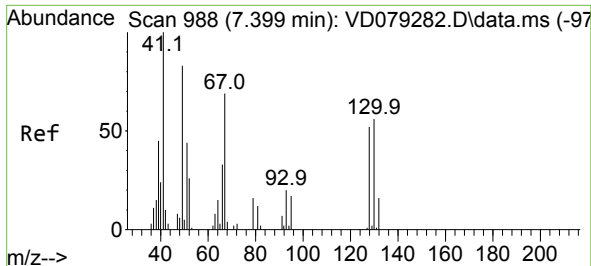
Tgt Ion: 83 Resp: 229141
Ion Ratio Lower Upper
83 100
55 73.1 50.1 75.1
98 50.1 41.9 62.9



#40
Benzene
Concen: 57.981 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

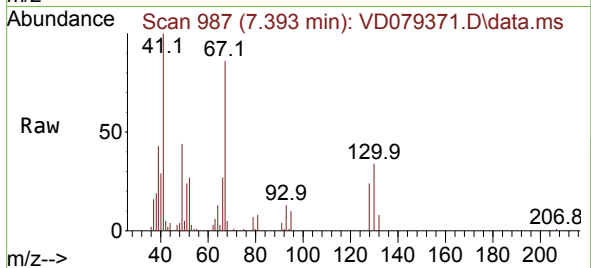
Tgt Ion: 78 Resp: 639075
Ion Ratio Lower Upper
78 100
77 23.9 18.1 27.1



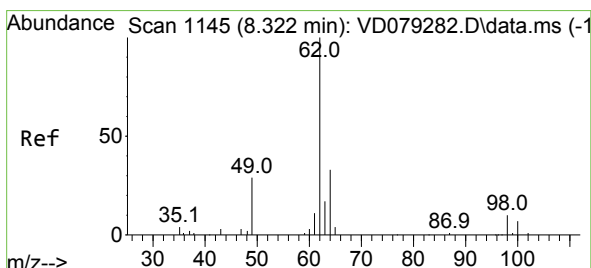
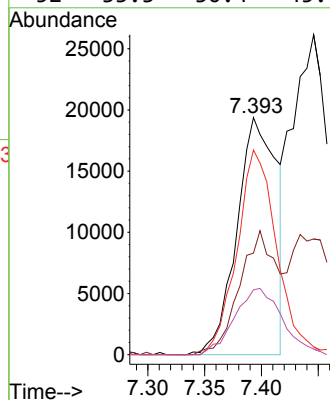
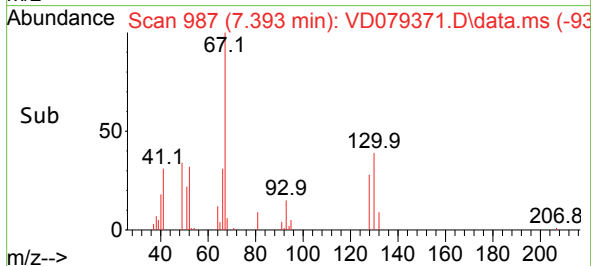


#41
Methacrylonitrile
Concen: 54.143 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Instrument :
MSVOA_D
ClientSampleId :

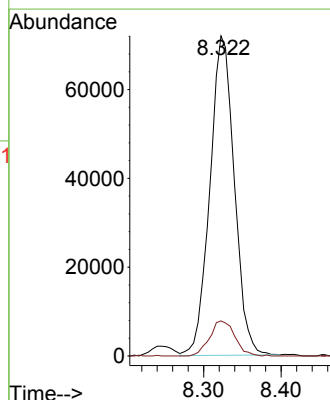
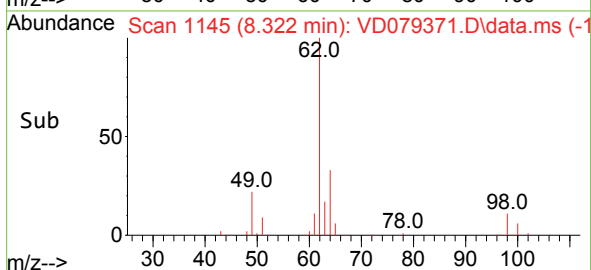
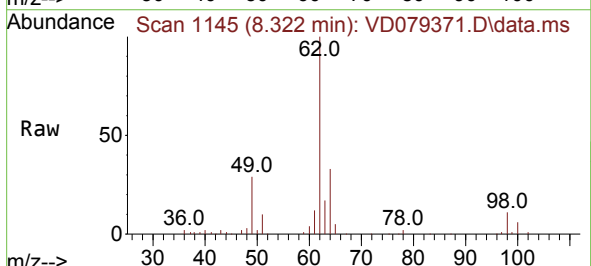


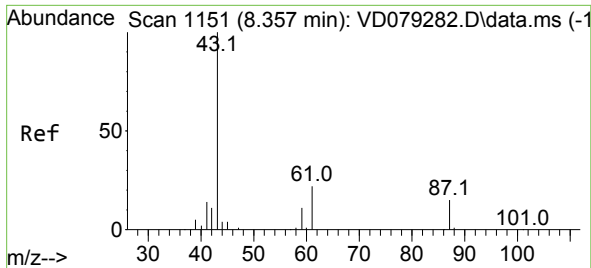
Tgt Ion:	41	Resp:	47179
Ion	Ratio	Lower	Upper
41	100		
39	47.7	41.4	62.0
67	86.2	85.8	128.6
52	33.3	30.4	45.6



#42
1,2-Dichloroethane
Concen: 59.093 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion:	62	Resp:	157461
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.8

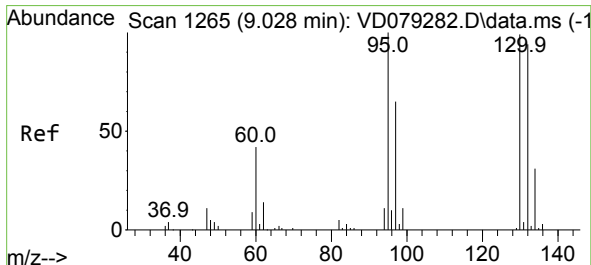
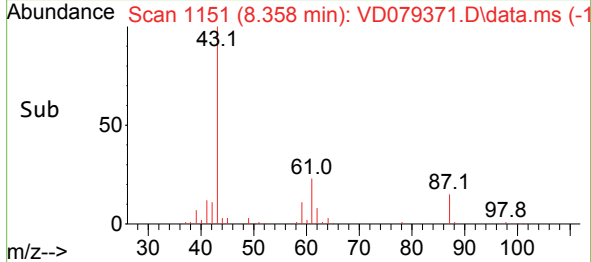
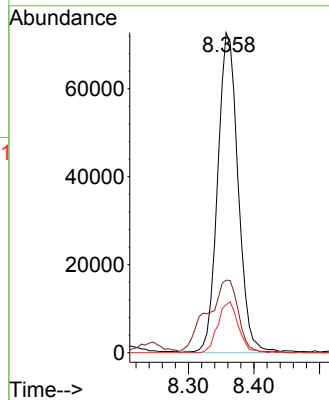
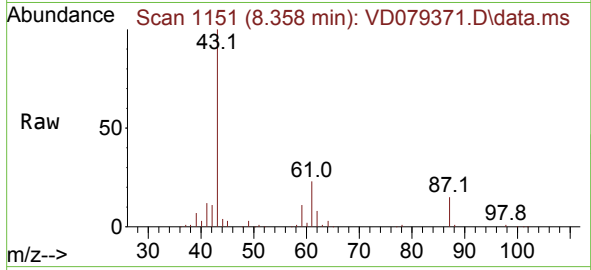




#43
Isopropyl Acetate
Concen: 57.668 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

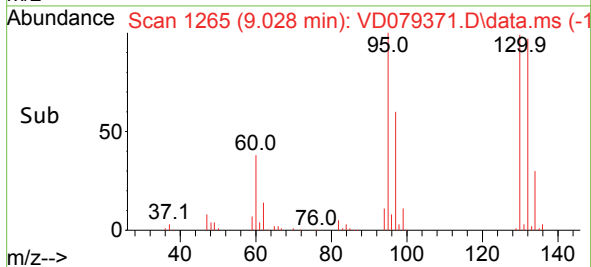
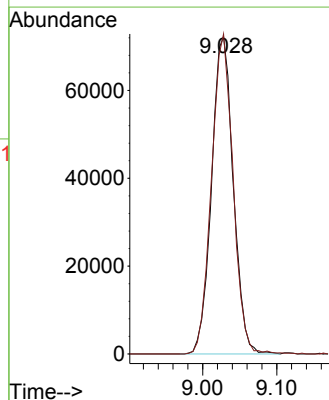
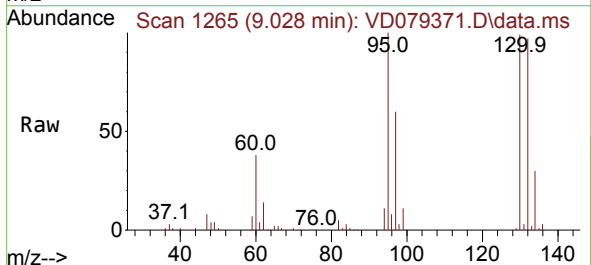
Instrument :
MSVOA_D
ClientSampleId :

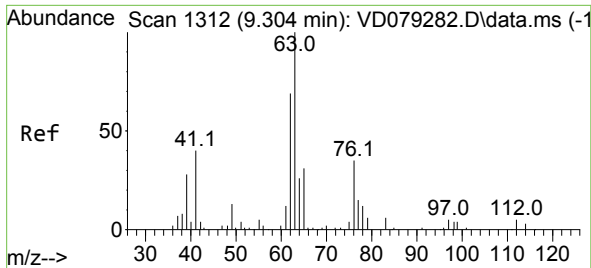
Tgt Ion: 43 Resp: 157120
Ion Ratio Lower Upper
43 100
61 33.3 29.3 43.9
87 15.9 14.9 22.3



#44
Trichloroethene
Concen: 55.855 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion:130 Resp: 146758
Ion Ratio Lower Upper
130 100
95 100.9 0.0 177.8

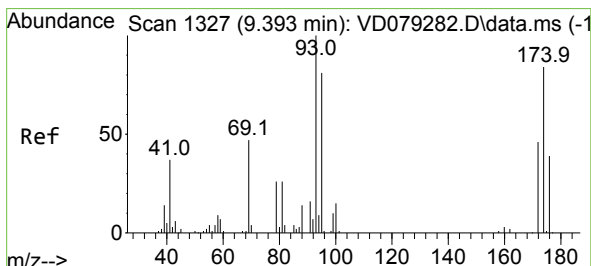
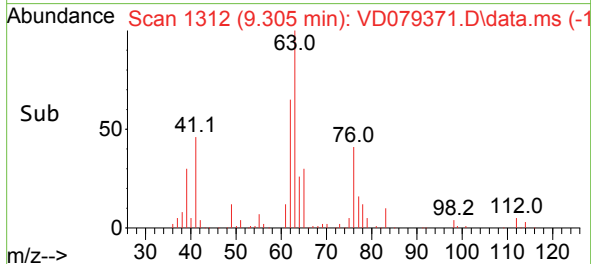
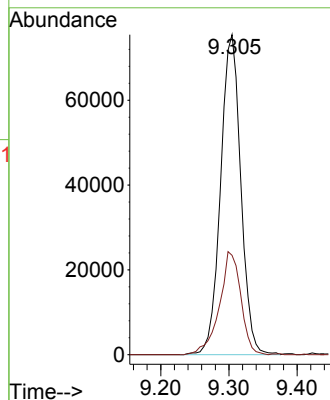
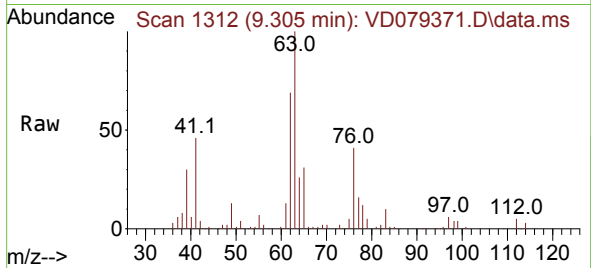




#45
1,2-Dichloropropane
Concen: 57.935 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

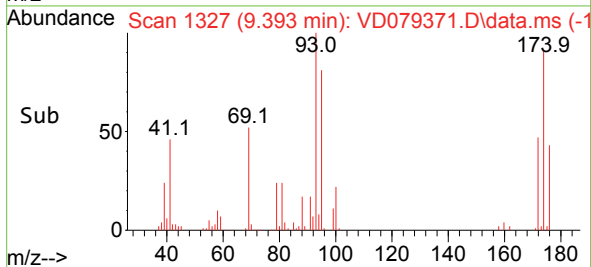
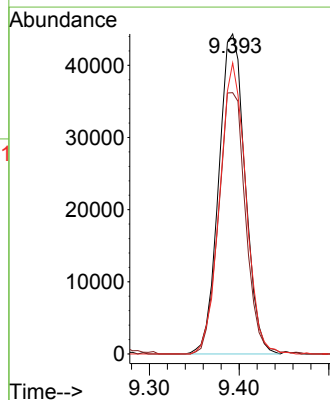
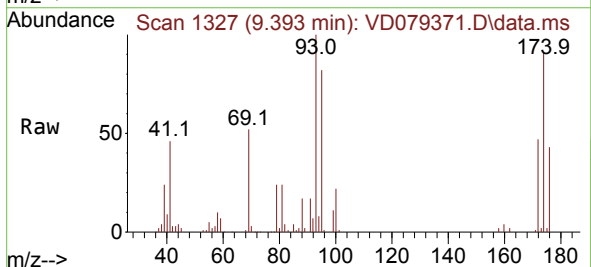
Instrument :
MSVOA_D
ClientSampleId :

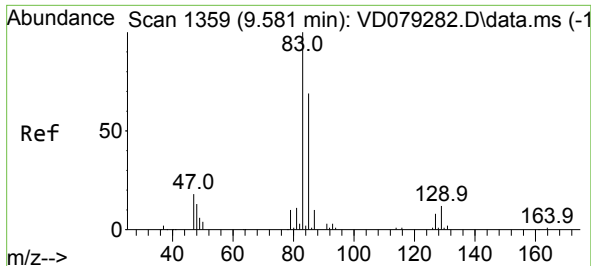
Tgt Ion: 63 Resp: 155880
Ion Ratio Lower Upper
63 100
65 31.0 23.8 35.8



#46
Dibromomethane
Concen: 57.382 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 93 Resp: 90528
Ion Ratio Lower Upper
93 100
95 83.4 65.6 98.4
174 89.9 82.3 123.5

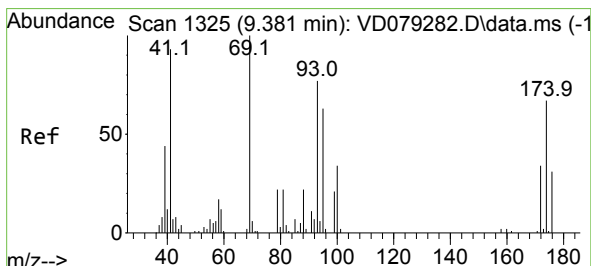
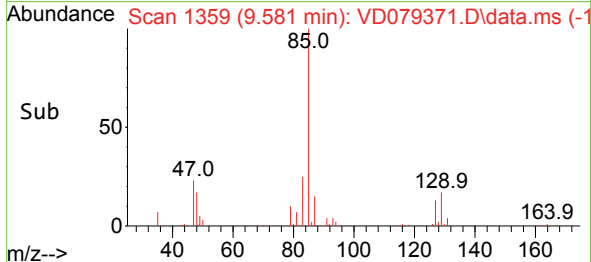
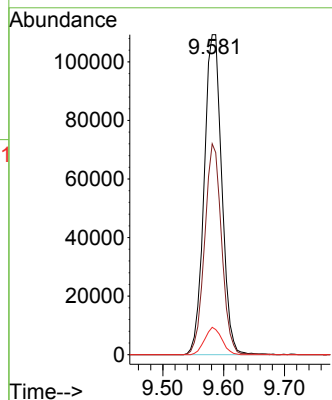
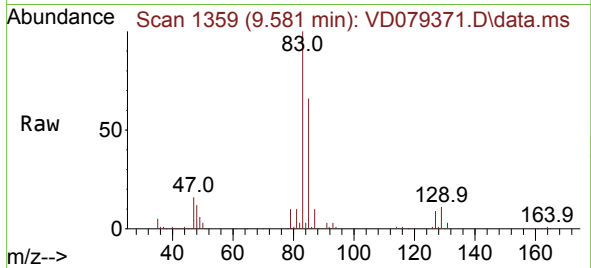




#47
Bromodichloromethane
Concen: 56.937 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

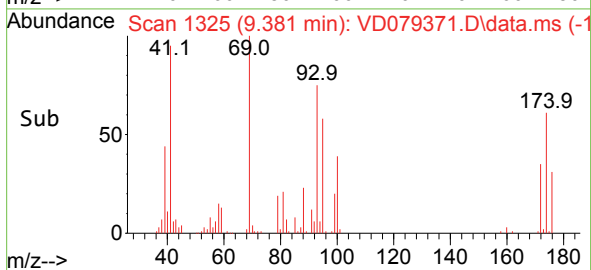
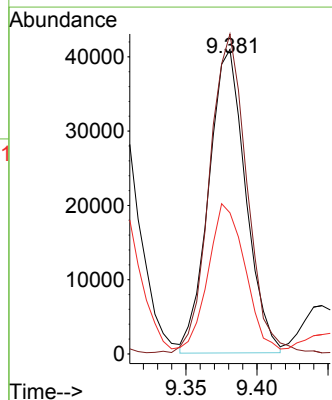
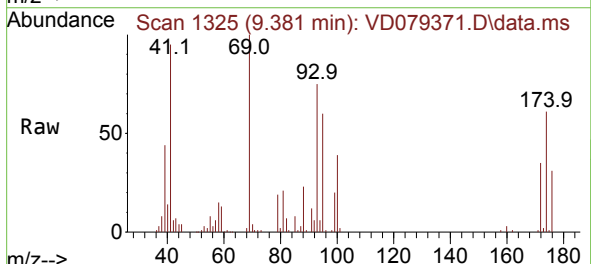
Instrument :
MSVOA_D
ClientSampleId :

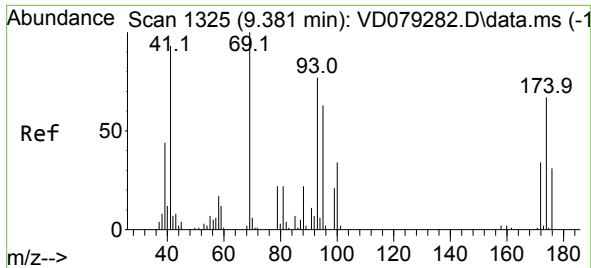
Tgt Ion: 83 Resp: 219616
Ion Ratio Lower Upper
83 100
85 65.9 50.1 75.1
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 54.873 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 41 Resp: 73910
Ion Ratio Lower Upper
41 100
69 105.6 96.7 145.1
39 47.5 43.8 65.6





#49

1,4-Dioxane

Concen: 1185.446 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

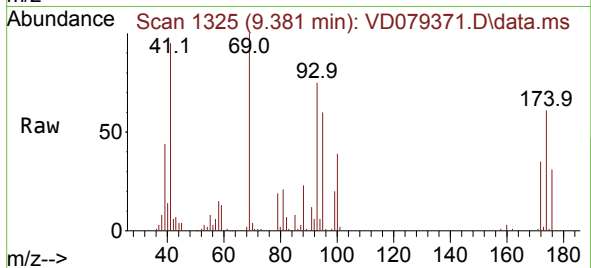
Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

ClientSampleId :



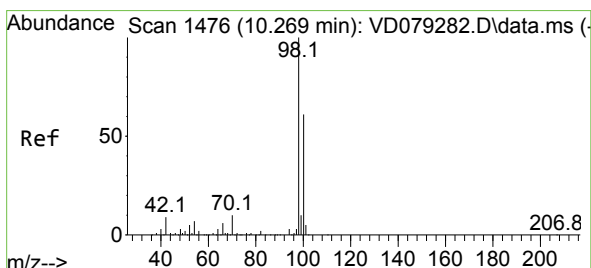
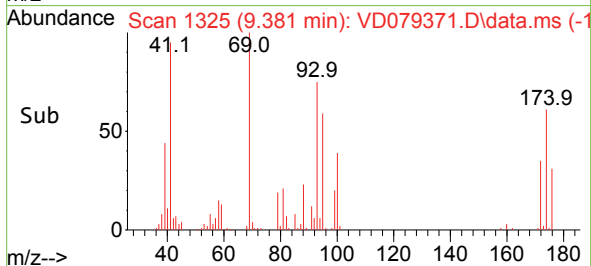
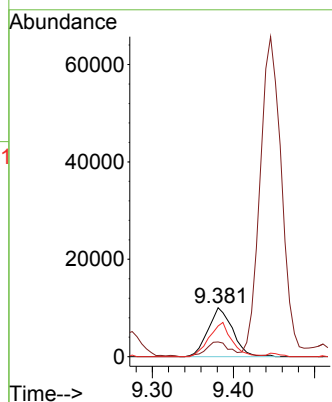
Tgt Ion: 88 Resp: 21179

Ion Ratio Lower Upper

88 100

43 28.3 21.5 32.3

58 64.3 42.2 63.4#



#50

Toluene-d8

Concen: 52.198 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079371.D

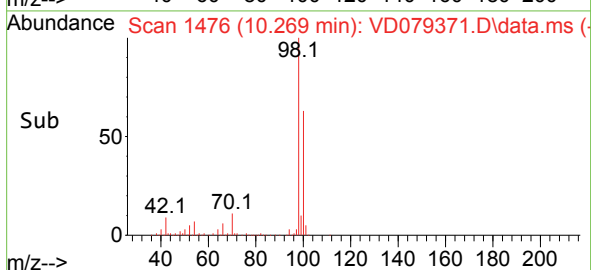
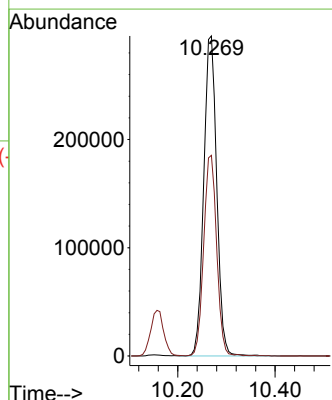
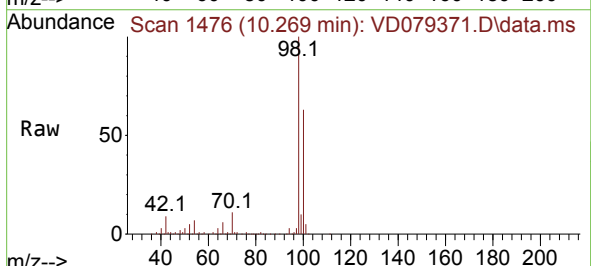
Acq: 09 Jul 2024 19:46

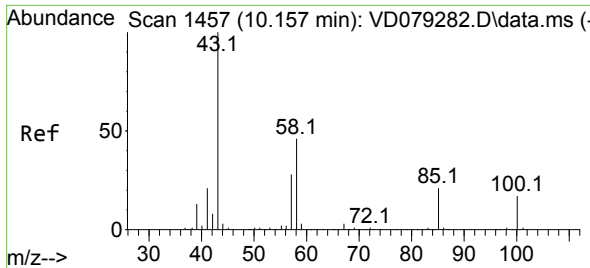
Tgt Ion: 98 Resp: 545313

Ion Ratio Lower Upper

98 100

100 62.5 51.6 77.4

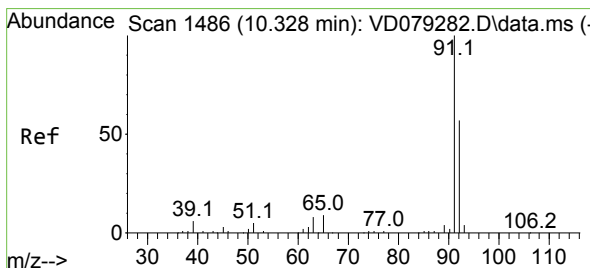
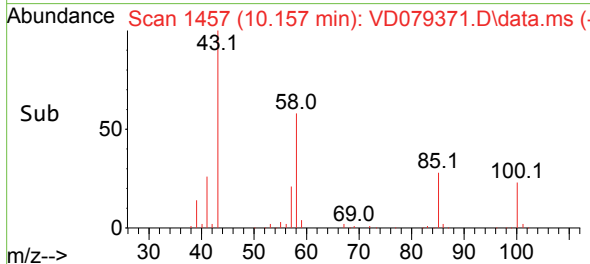
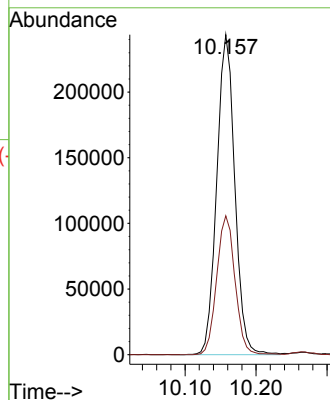
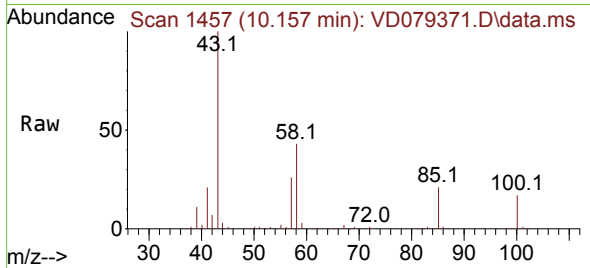




#51
4-Methyl-2-Pentanone
Concen: 293.934 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

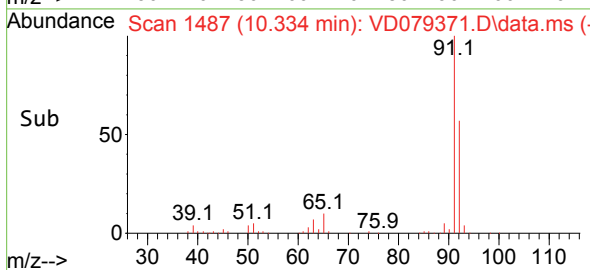
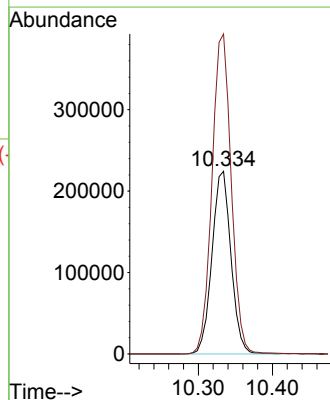
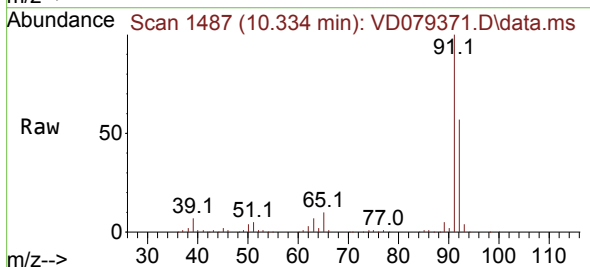
Instrument :
MSVOA_D
ClientSampleId :

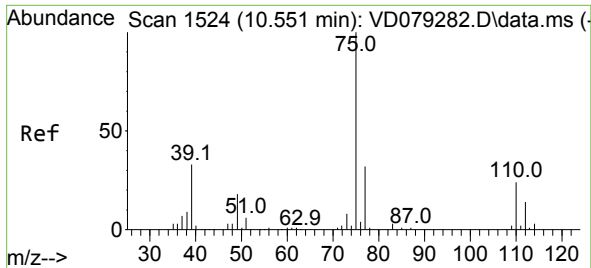
Tgt Ion: 43 Resp: 428809
Ion Ratio Lower Upper
43 100
58 44.1 36.6 55.0



#52
Toluene
Concen: 58.764 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 92 Resp: 398738
Ion Ratio Lower Upper
92 100
91 177.9 141.7 212.5

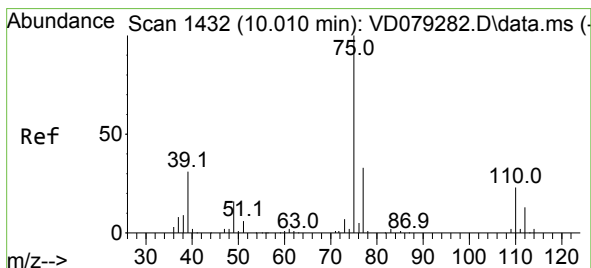
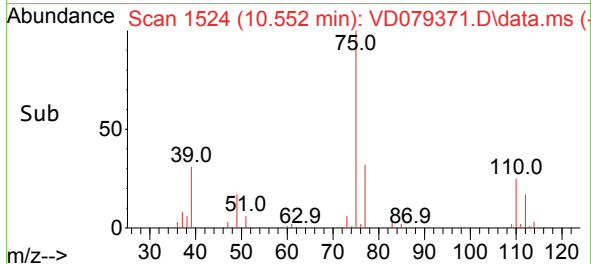
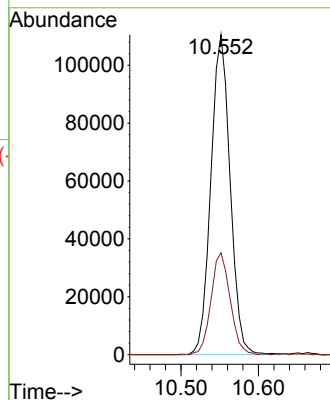
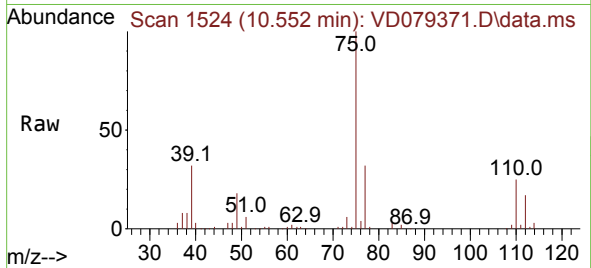




#53
 t-1,3-Dichloropropene
 Concen: 54.624 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

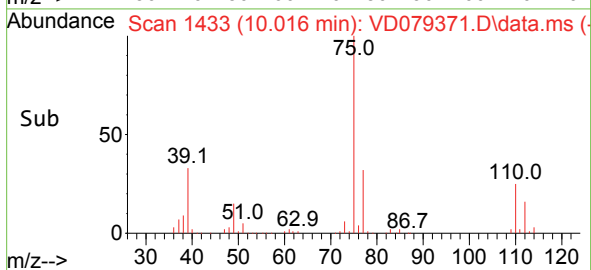
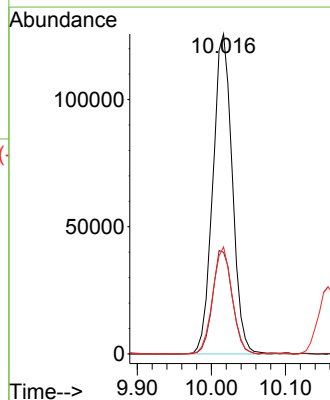
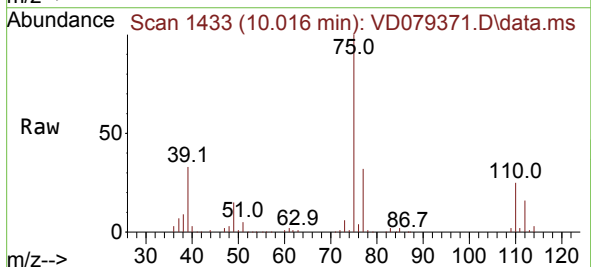
Instrument :
 MSVOA_D
 ClientSampleId :

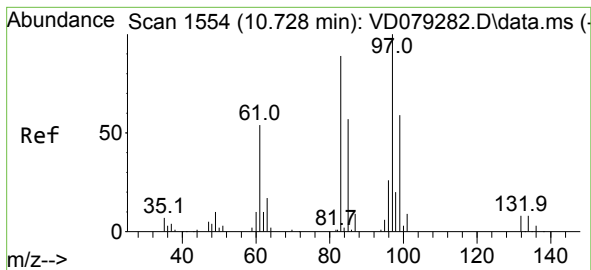
Tgt Ion: 75 Resp: 190875
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.850 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

Tgt Ion: 75 Resp: 228946
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.4 36.6
 39 33.5 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 57.275 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

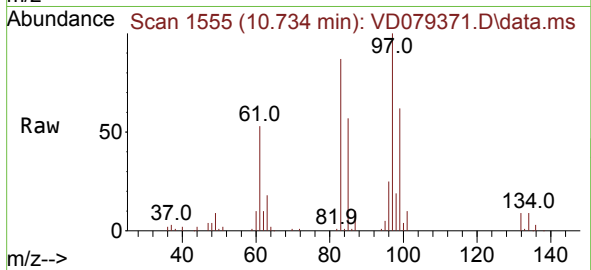
Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 121298

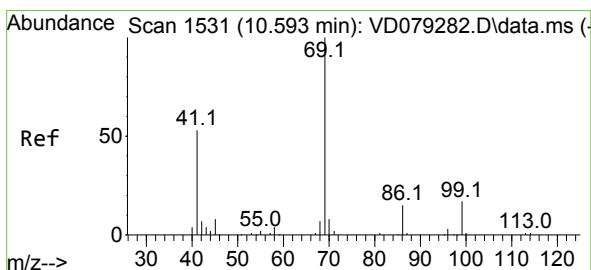
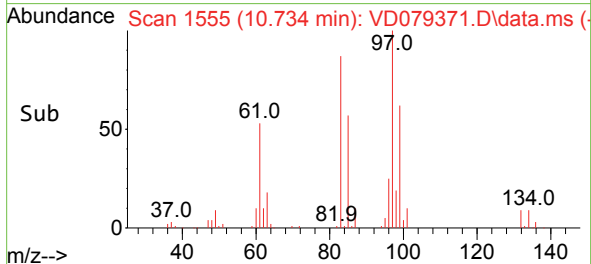
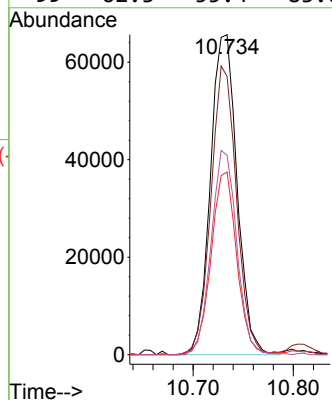
Ion Ratio Lower Upper

97 100

83 86.7 65.8 98.8

85 57.1 43.8 65.8

99 62.3 55.4 83.0



#56

Ethyl methacrylate

Concen: 53.351 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.006 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

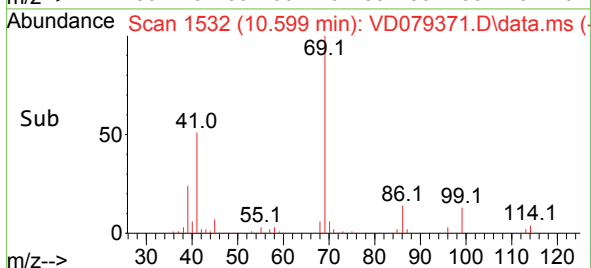
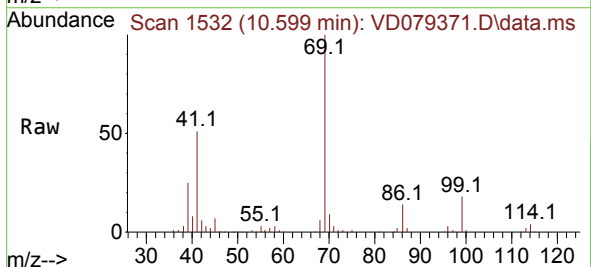
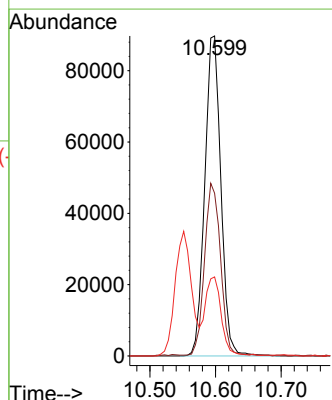
Tgt Ion: 69 Resp: 153510

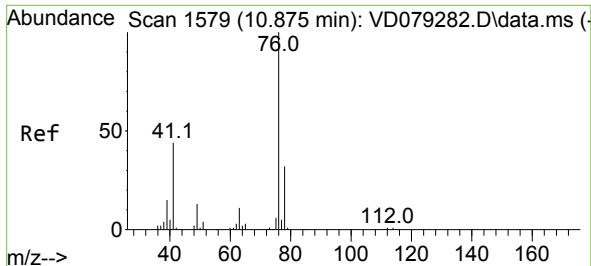
Ion Ratio Lower Upper

69 100

41 53.1 39.8 59.6

39 24.3 20.2 30.4





#57

1,3-Dichloropropane

Concen: 57.294 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

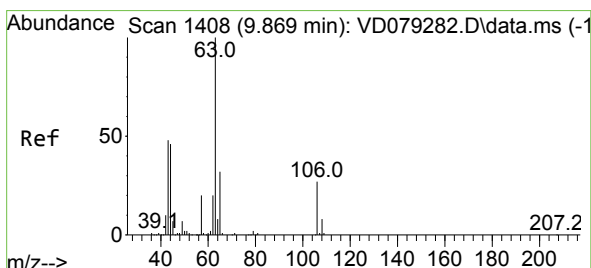
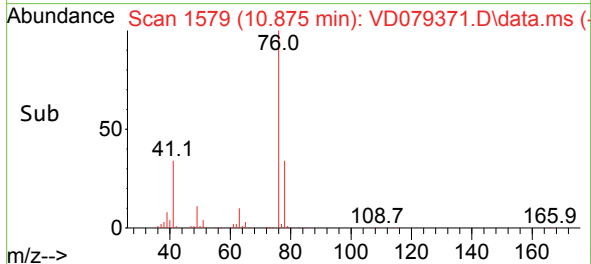
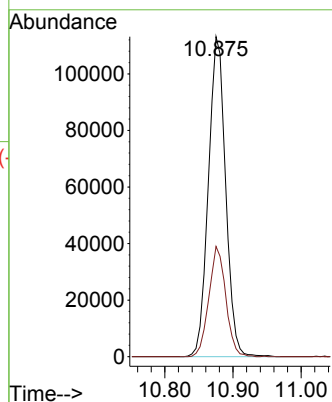
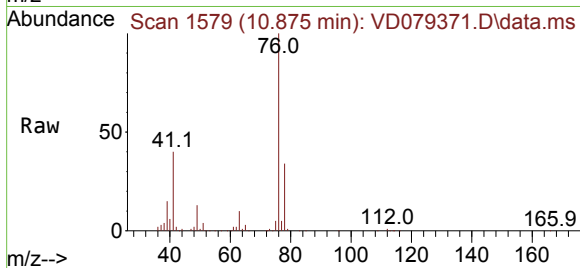
ClientSampleId :

Tgt Ion: 76 Resp: 199088

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 254.492 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079371.D

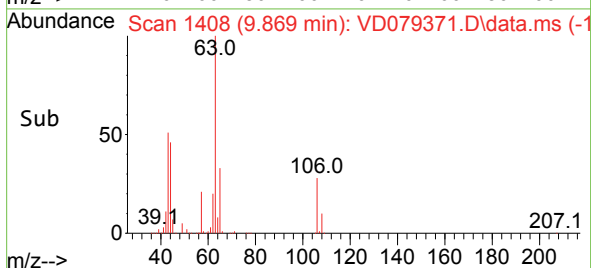
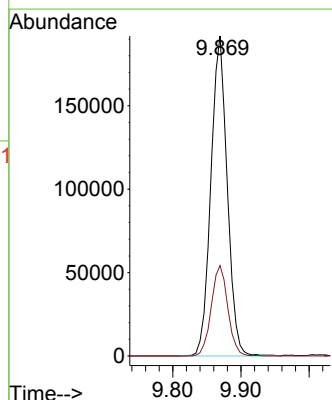
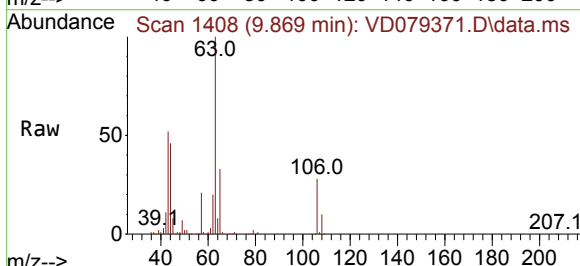
Acq: 09 Jul 2024 19:46

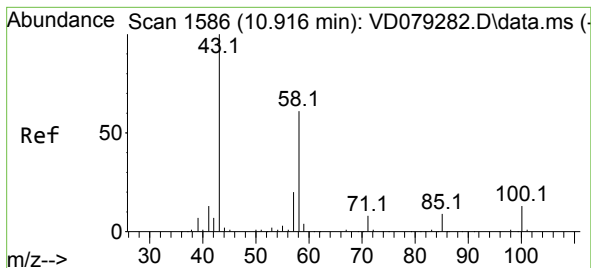
Tgt Ion: 63 Resp: 319976

Ion Ratio Lower Upper

63 100

106 28.5 26.4 39.6

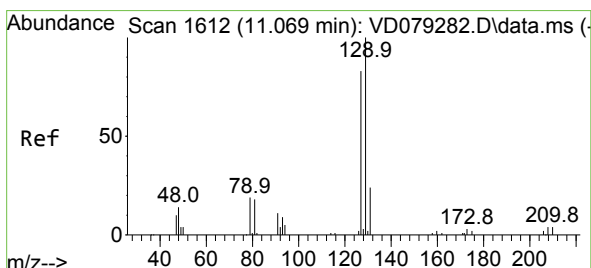
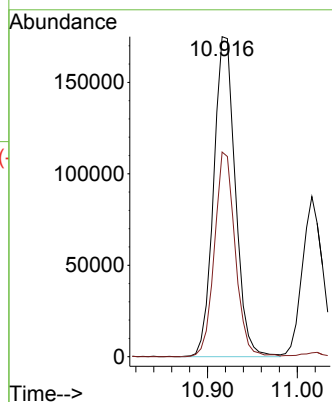
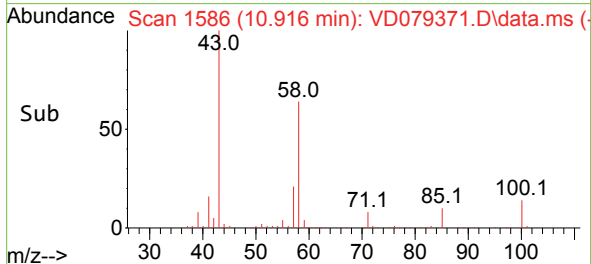
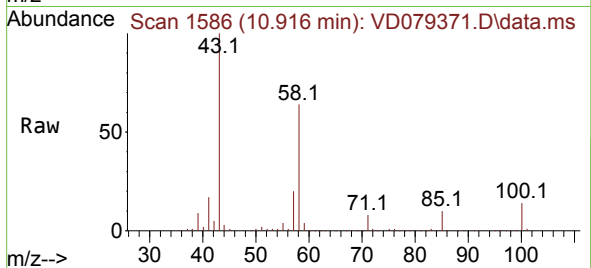




#59
2-Hexanone
Concen: 281.736 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

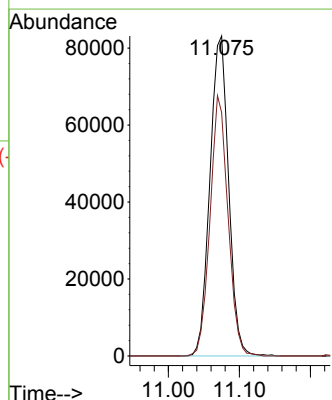
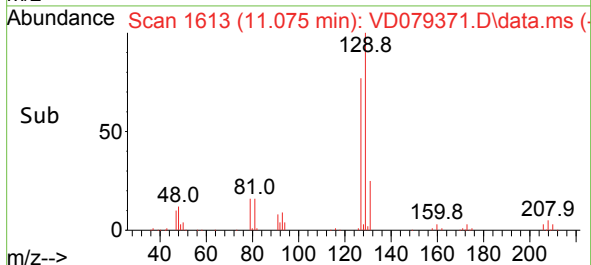
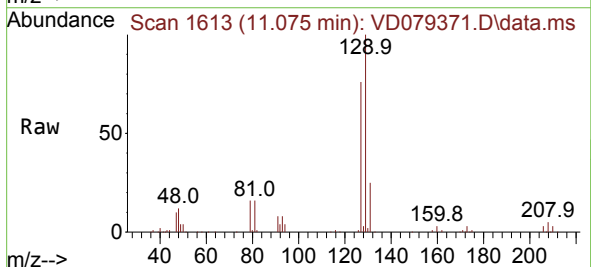
Instrument :
MSVOA_D
ClientSampleId :

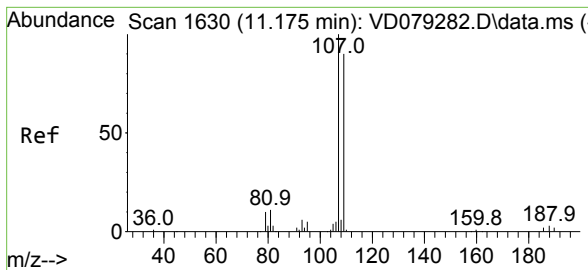
Tgt Ion: 43 Resp: 293663
Ion Ratio Lower Upper
43 100
58 61.3 31.1 93.5



#60
Dibromochloromethane
Concen: 55.890 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 129 Resp: 151937
Ion Ratio Lower Upper
129 100
127 78.1 38.0 113.9

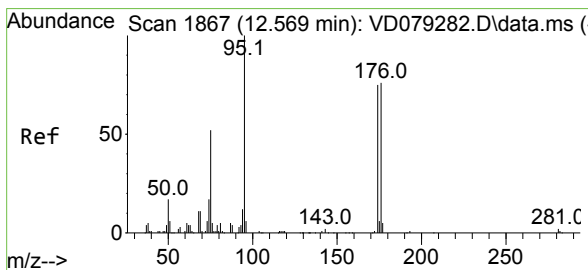
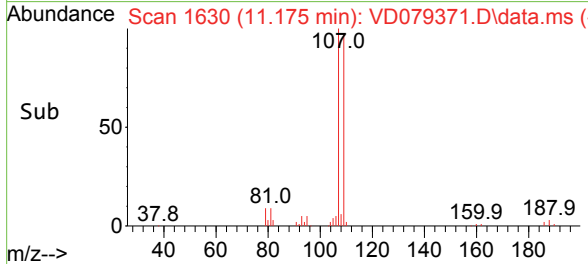
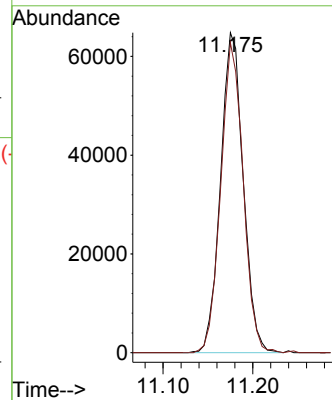
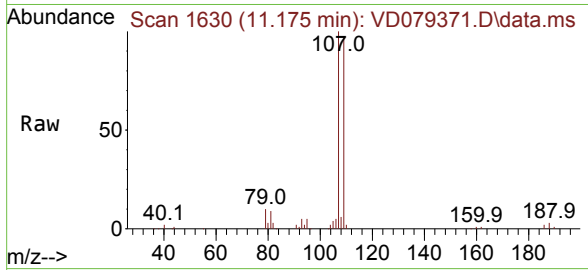




#61
1,2-Dibromoethane
Concen: 56.965 ug/l
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

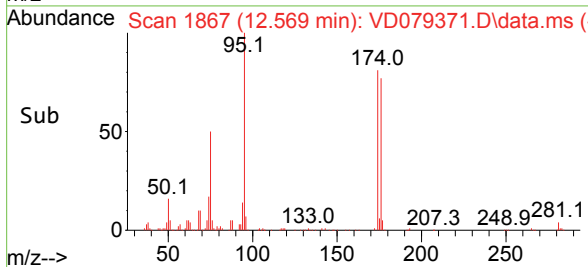
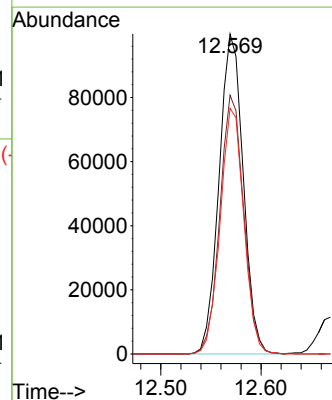
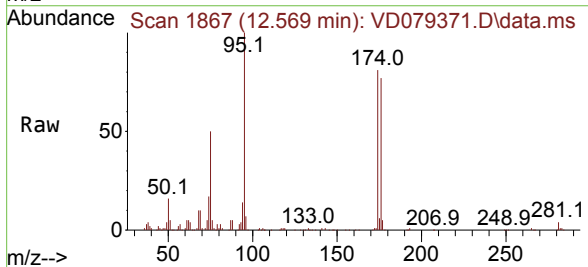
Instrument :
MSVOA_D
ClientSampleId :

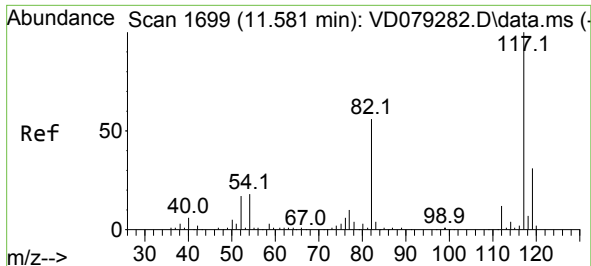
Tgt Ion:107 Resp: 113752
Ion Ratio Lower Upper
107 100
109 95.5 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 51.374 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 95 Resp: 166814
Ion Ratio Lower Upper
95 100
174 79.9 0.0 195.4
176 75.3 0.0 192.6

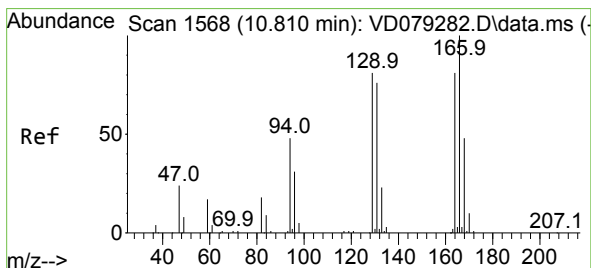
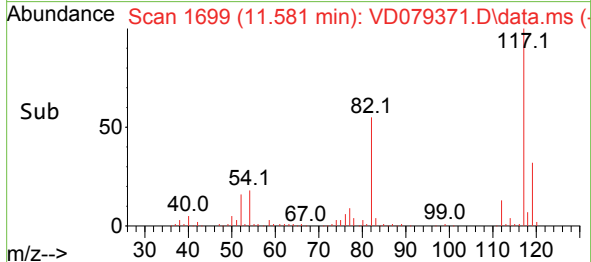
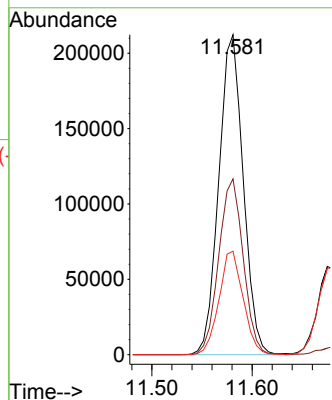
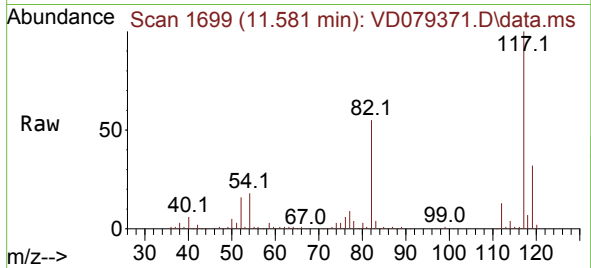




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

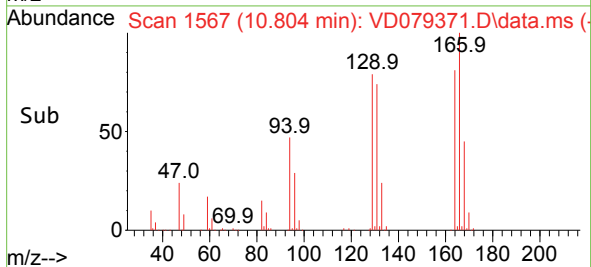
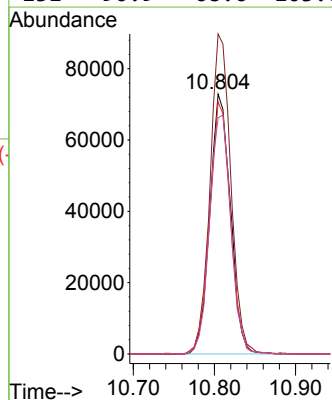
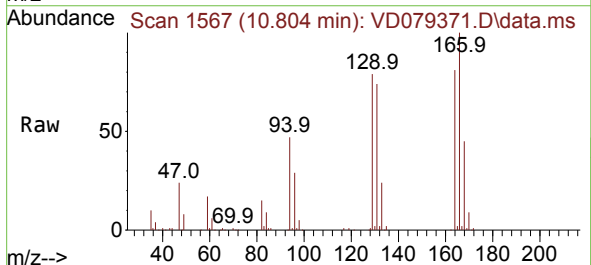
Instrument :
MSVOA_D
ClientSampleId :

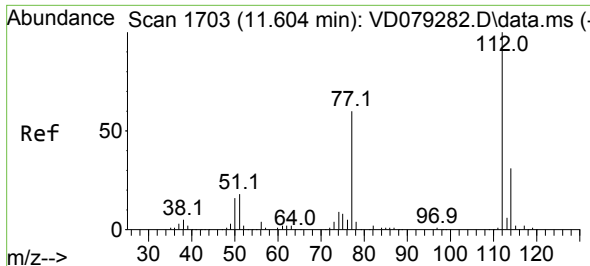
Tgt Ion:117 Resp: 359287
Ion Ratio Lower Upper
117 100
82 54.9 39.8 59.6
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 61.112 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion:164 Resp: 128712
Ion Ratio Lower Upper
164 100
166 123.2 108.6 163.0
129 97.1 74.6 112.0
131 90.9 68.6 103.0

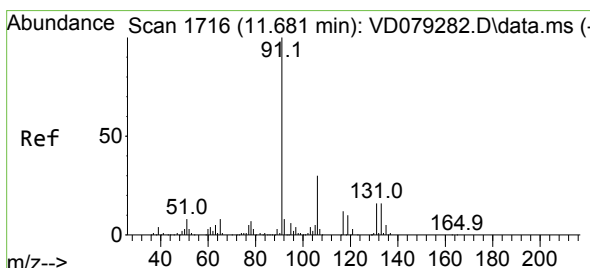
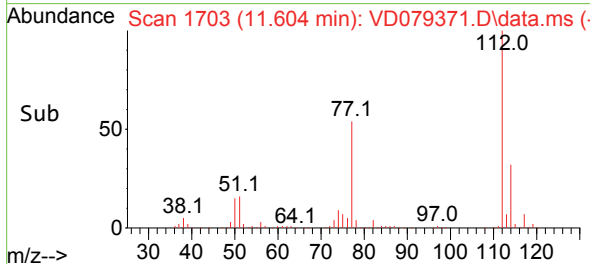
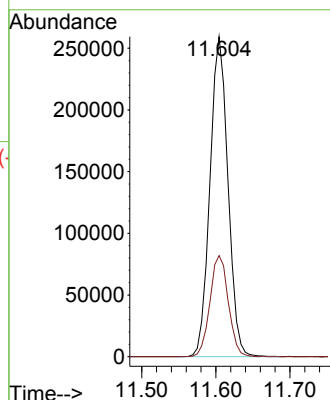
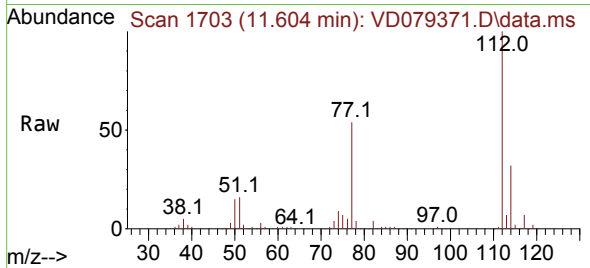




#65
Chlorobenzene
Concen: 57.964 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

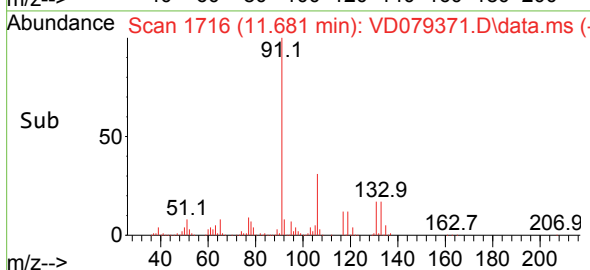
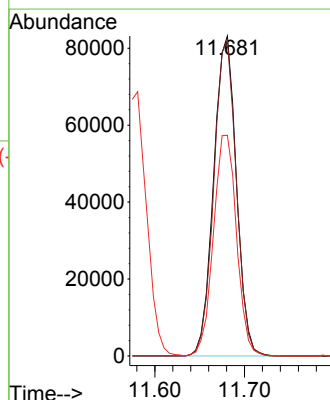
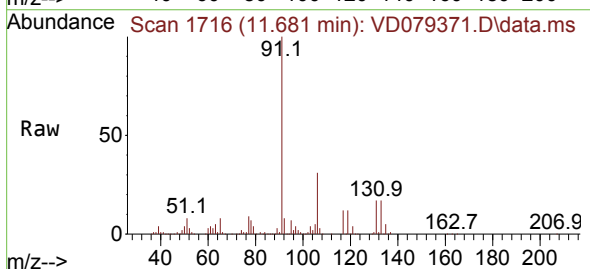
Instrument :
MSVOA_D
ClientSampleId :

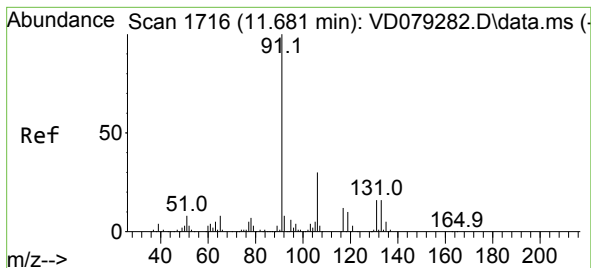
Tgt Ion:112 Resp: 437124
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 57.456 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion:131 Resp: 146190
Ion Ratio Lower Upper
131 100
133 97.6 49.2 147.6
119 70.3 33.4 100.2





#67

Ethyl Benzene

Concen: 59.467 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

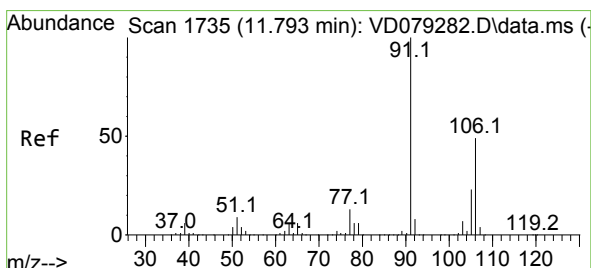
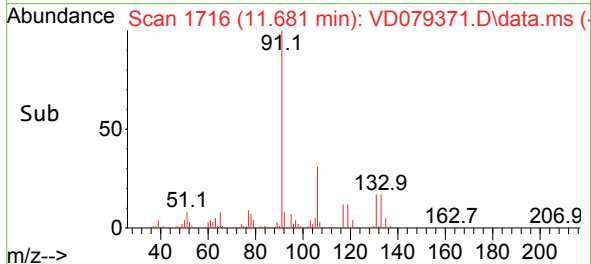
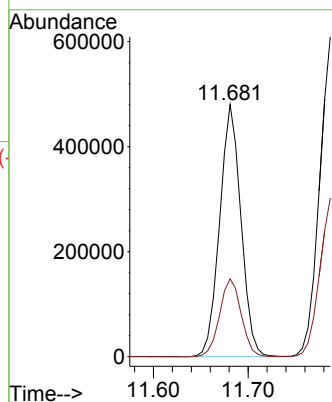
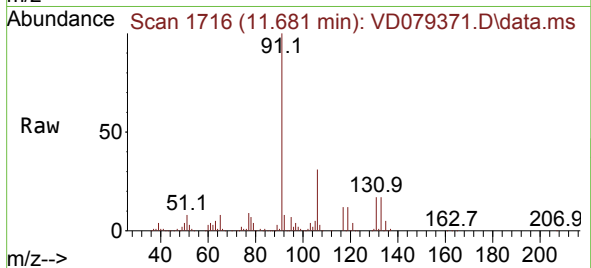
ClientSampleId :

Tgt Ion: 91 Resp: 748673

Ion Ratio Lower Upper

91 100

106 30.9 25.8 38.6



#68

m/p-Xylenes

Concen: 119.939 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD079371.D

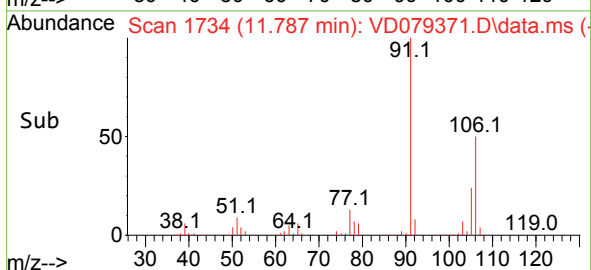
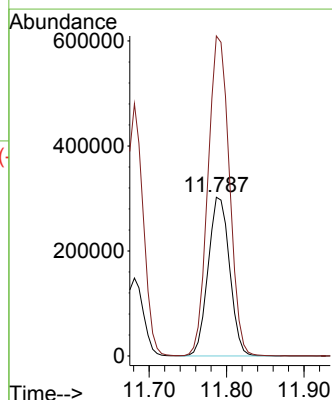
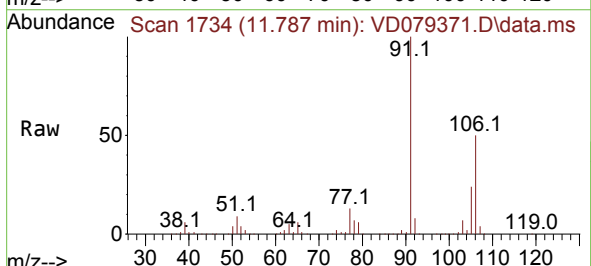
Acq: 09 Jul 2024 19:46

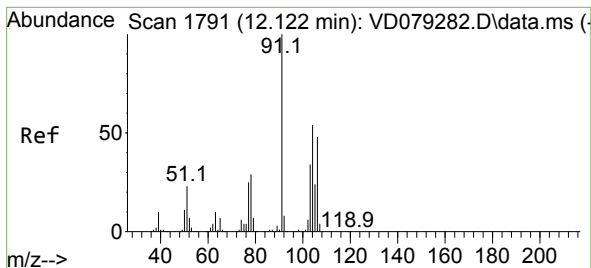
Tgt Ion:106 Resp: 583073

Ion Ratio Lower Upper

106 100

91 201.5 148.5 222.7





#69

o-Xylene

Concen: 60.392 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

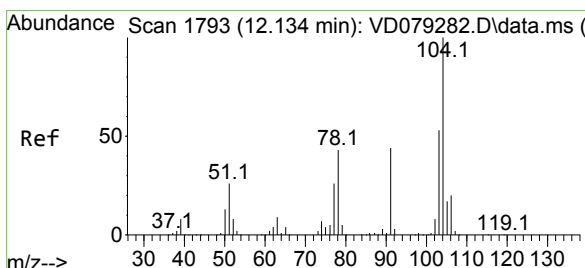
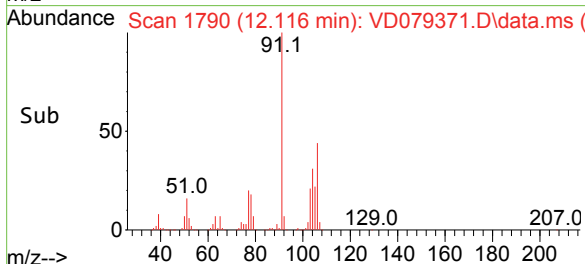
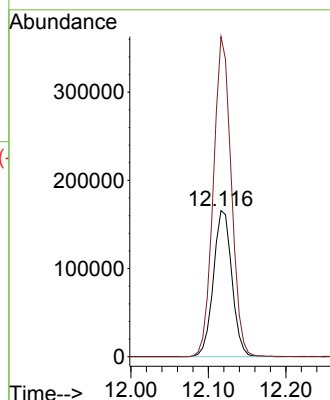
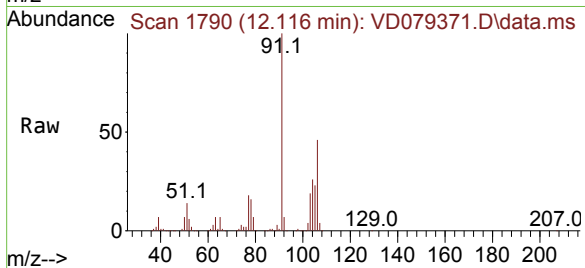
ClientSampleId :

Tgt Ion:106 Resp: 274715

Ion Ratio Lower Upper

106 100

91 213.0 96.7 290.1



#70

Styrene

Concen: 60.855 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

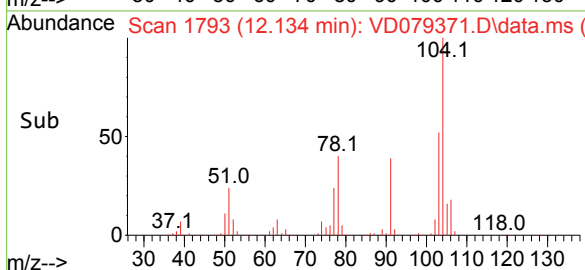
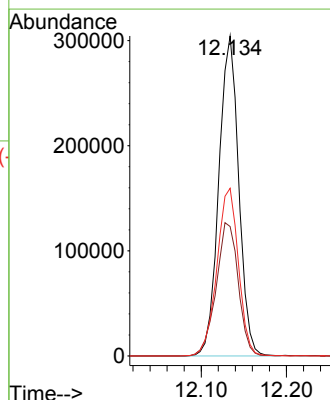
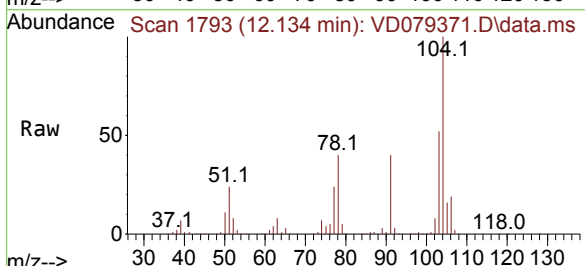
Tgt Ion:104 Resp: 493979

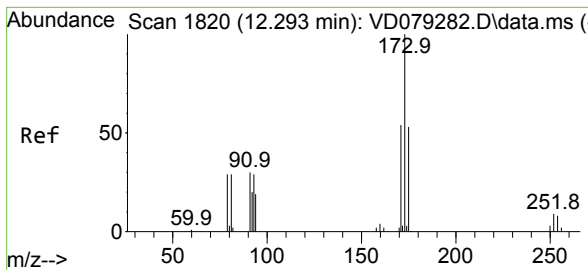
Ion Ratio Lower Upper

104 100

78 46.3 33.0 49.6

103 56.7 44.2 66.4

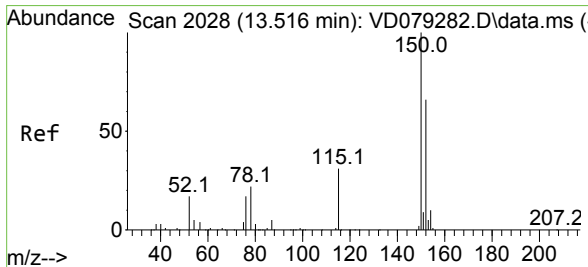
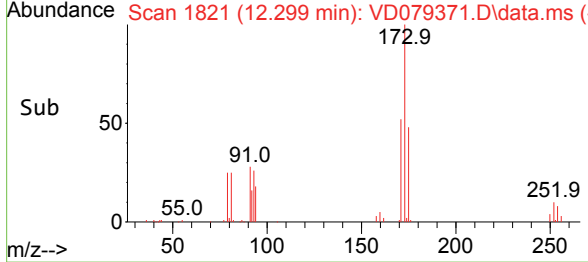
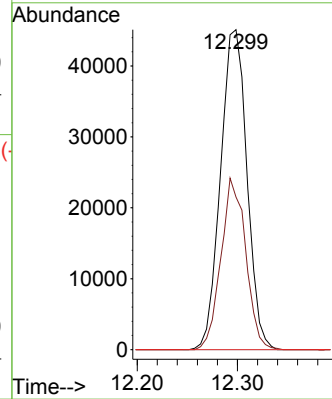
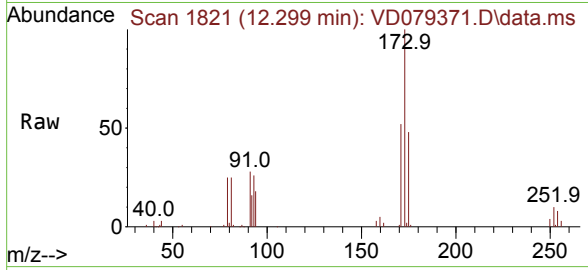




#71
Bromoform
Concen: 55.937 ug/l
RT: 12.299 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

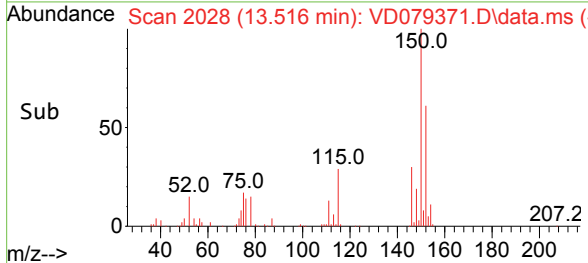
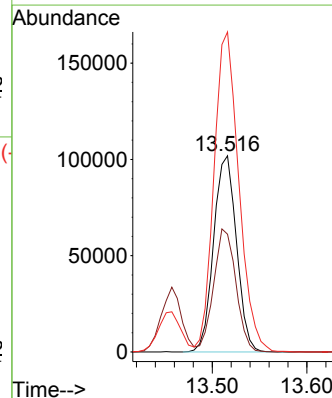
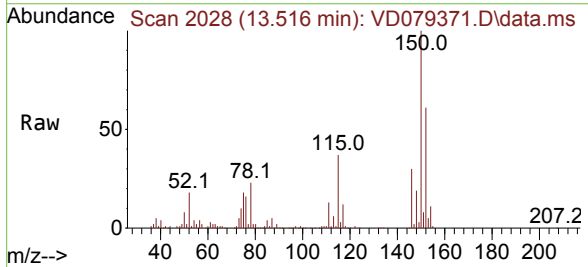
Instrument :
MSVOA_D
ClientSampleId :

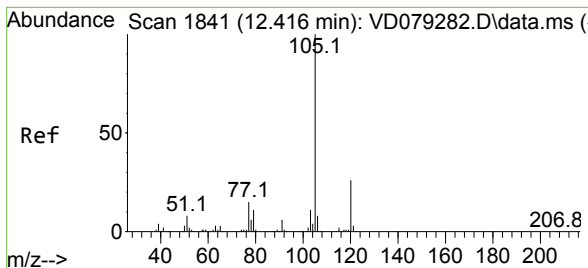
Tgt Ion:173 Resp: 82458
Ion Ratio Lower Upper
173 100
175 50.3 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion:152 Resp: 170669
Ion Ratio Lower Upper
152 100
115 61.4 26.5 79.5
150 177.2 0.0 341.6





#73

Isopropylbenzene

Concen: 60.253 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

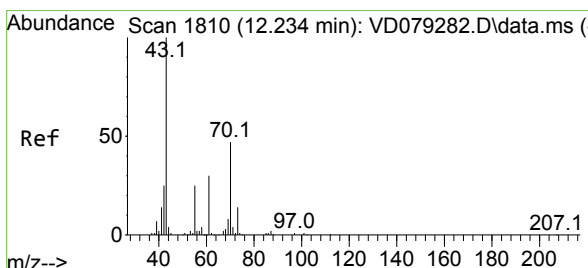
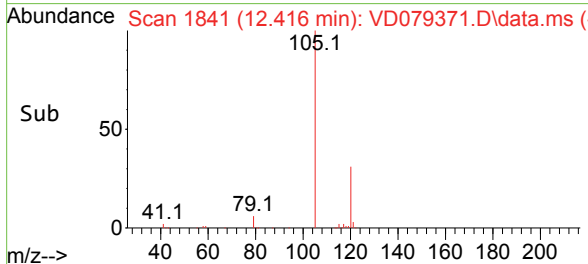
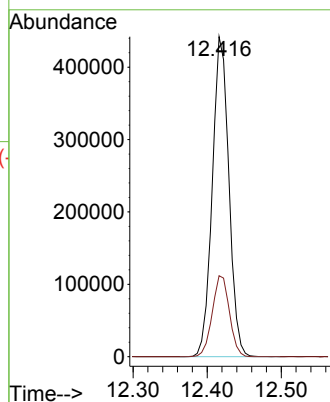
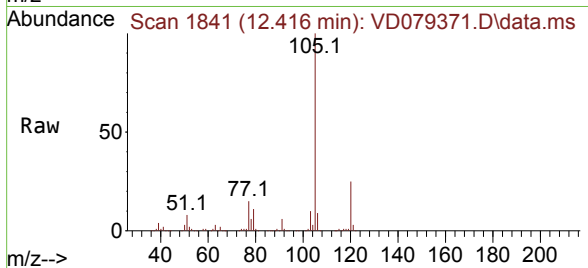
ClientSampleId :

Tgt Ion:105 Resp: 686384

Ion Ratio Lower Upper

105 100

120 26.2 13.6 40.7



#74

N-ethyl acetate

Concen: 59.535 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Tgt Ion: 43 Resp: 152414

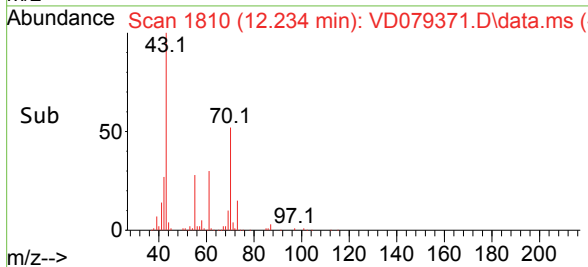
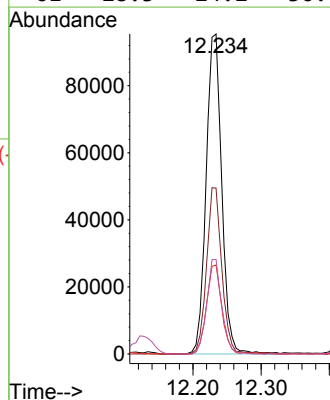
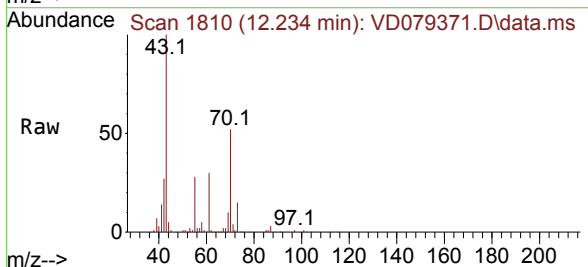
Ion Ratio Lower Upper

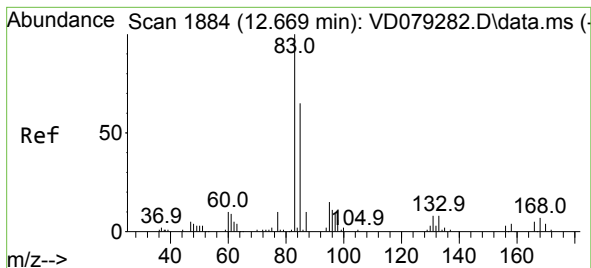
43 100

70 50.7 44.3 66.5

55 27.0 23.2 34.8

61 28.3 24.2 36.4

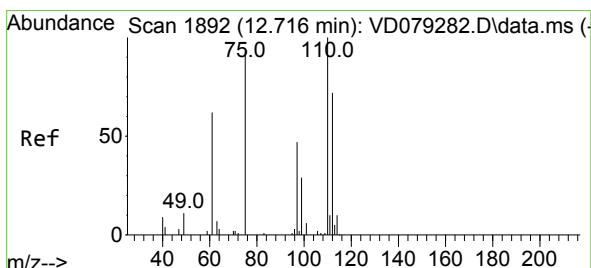
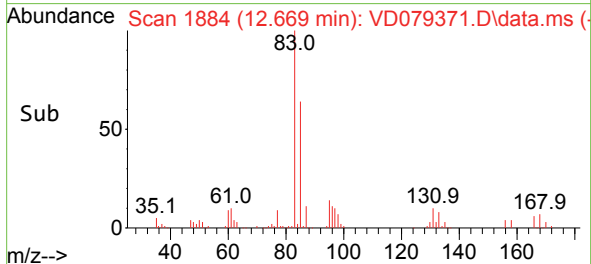
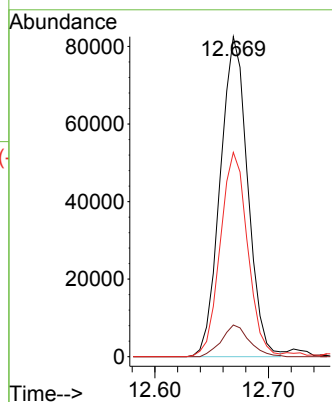
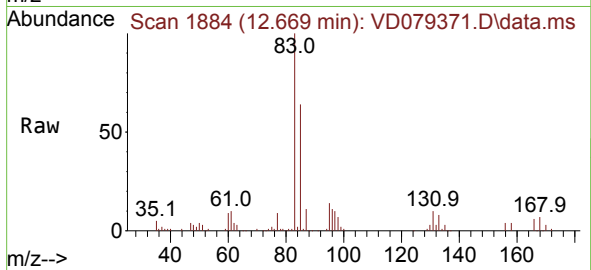




#75
1,1,2,2-Tetrachloroethane
Concen: 57.613 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

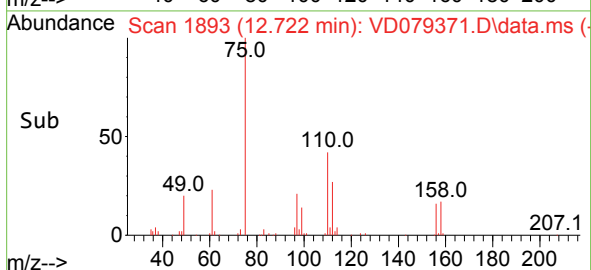
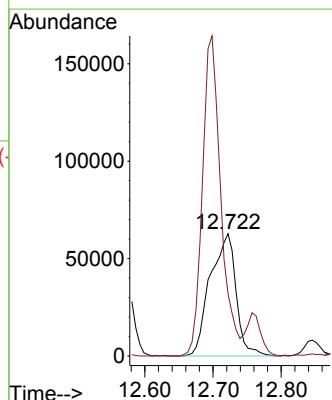
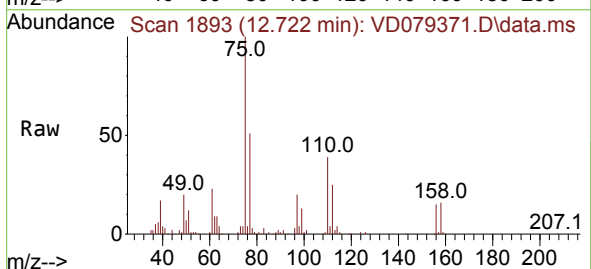
Instrument :
MSVOA_D
ClientSampleId :

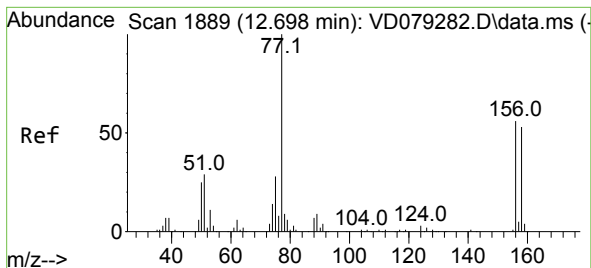
Tgt Ion: 83 Resp: 138659
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.6 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 101.221 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 75 Resp: 165982
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 60.681 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

ClientSampleId :

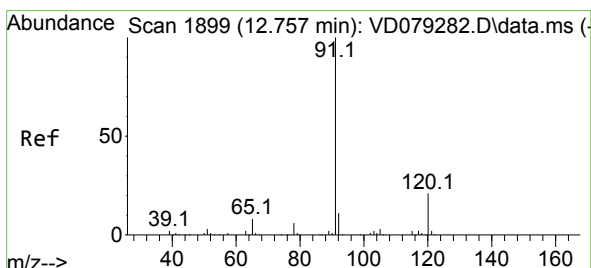
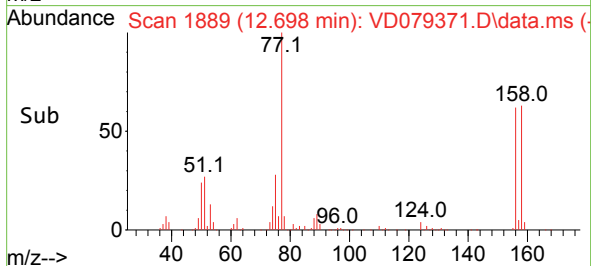
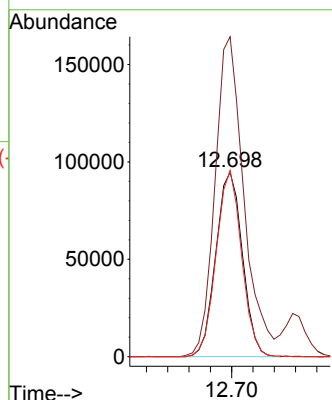
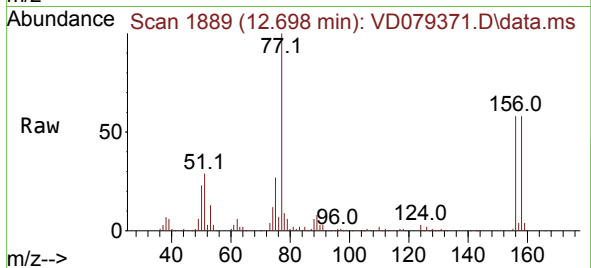
Tgt Ion:156 Resp: 163567

Ion Ratio Lower Upper

156 100

77 188.6 77.3 231.9

158 96.9 49.6 149.0



#78

n-propylbenzene

Concen: 59.796 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VD079371.D

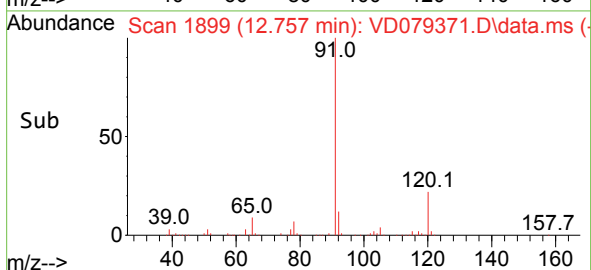
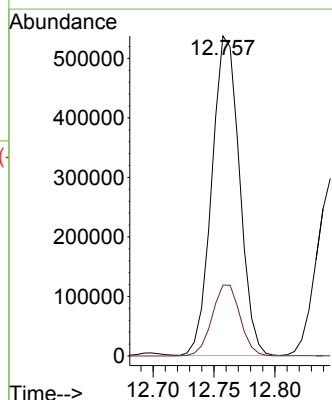
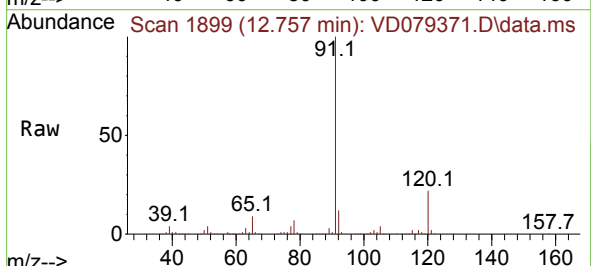
Acq: 09 Jul 2024 19:46

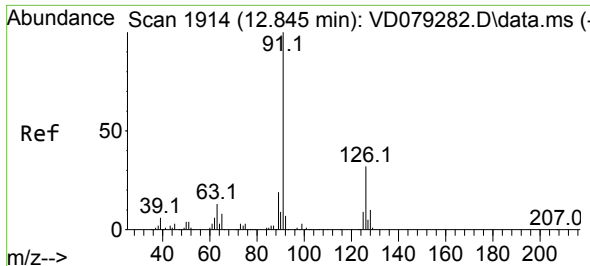
Tgt Ion: 91 Resp: 849022

Ion Ratio Lower Upper

91 100

120 22.5 12.3 36.8

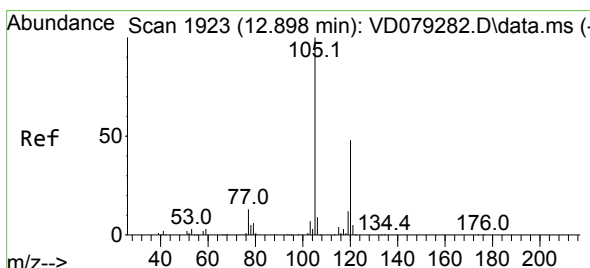
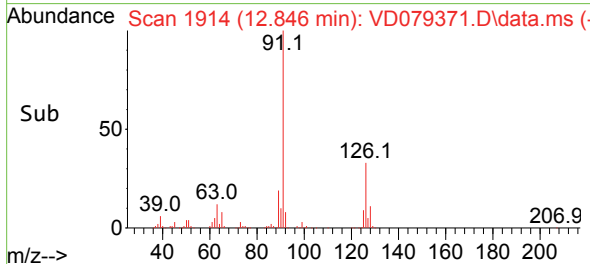
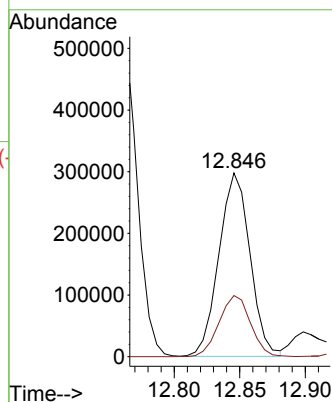
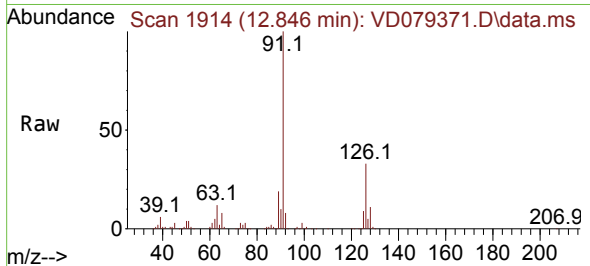




#79
2-Chlorotoluene
Concen: 60.273 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

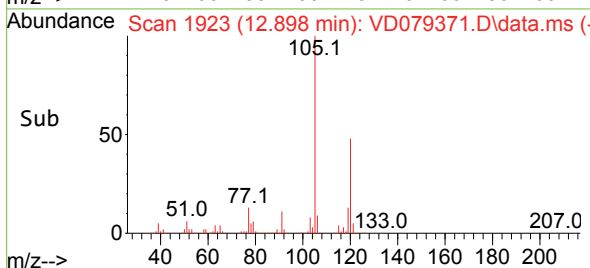
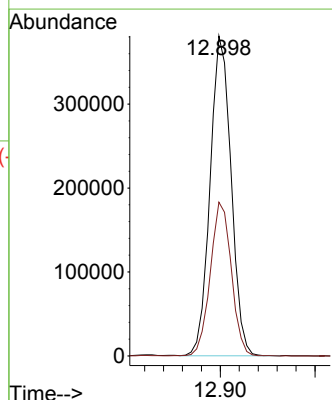
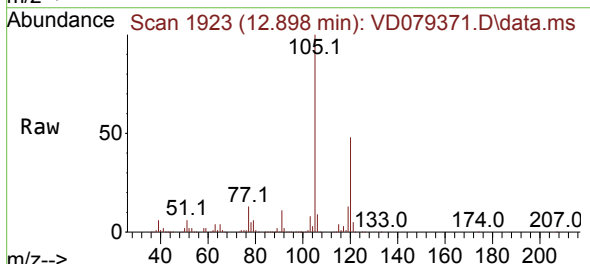
Instrument :
MSVOA_D
ClientSampleId :

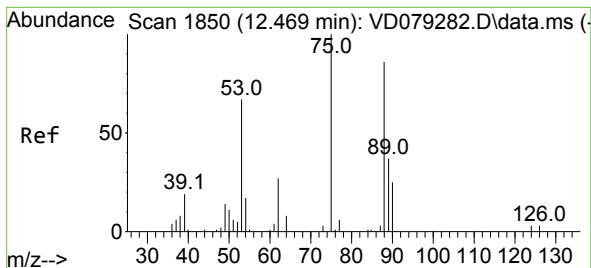
Tgt Ion: 91 Resp: 490820
Ion Ratio Lower Upper
91 100
126 33.7 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 60.528 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 105 Resp: 584433
Ion Ratio Lower Upper
105 100
120 48.4 25.7 77.1

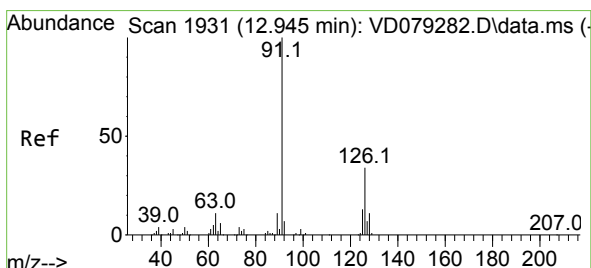
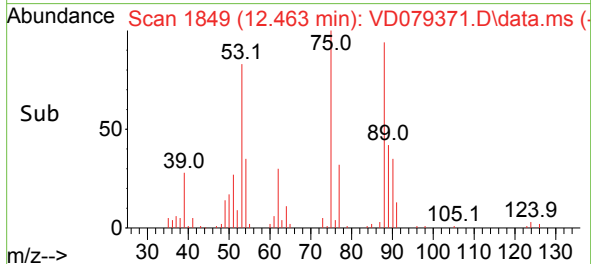
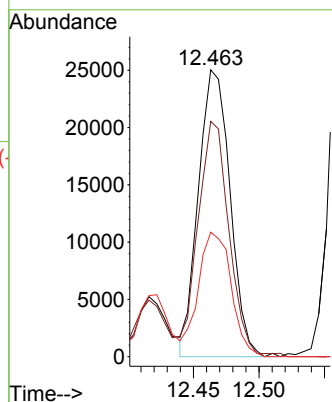
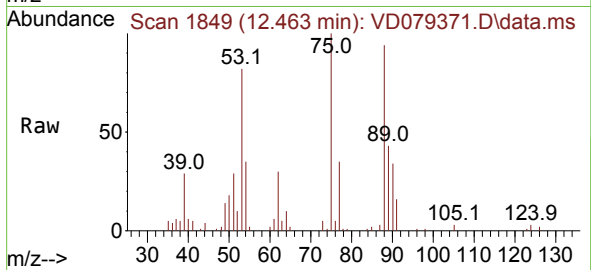




#81
trans-1,4-Dichloro-2-butene
Concen: 48.387 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

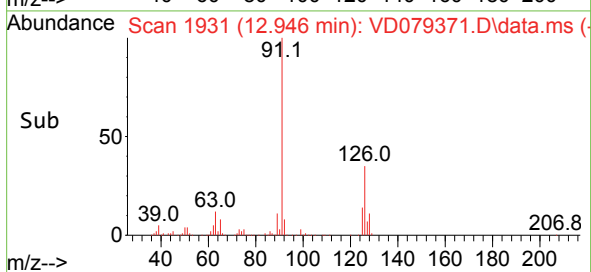
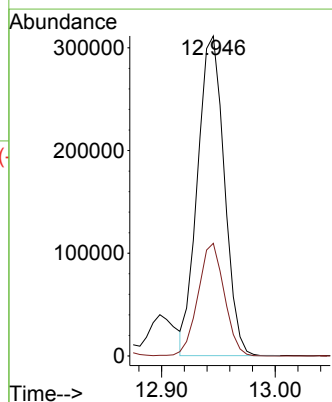
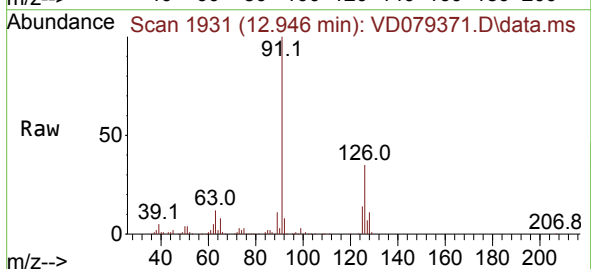
Instrument :
MSVOA_D
ClientSampleId :

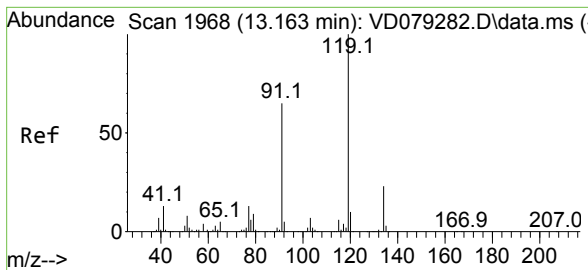
Tgt Ion: 75 Resp: 42083
Ion Ratio Lower Upper
75 100
53 81.4 61.4 92.2
89 45.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 58.839 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 91 Resp: 509898
Ion Ratio Lower Upper
91 100
126 34.7 18.9 56.9

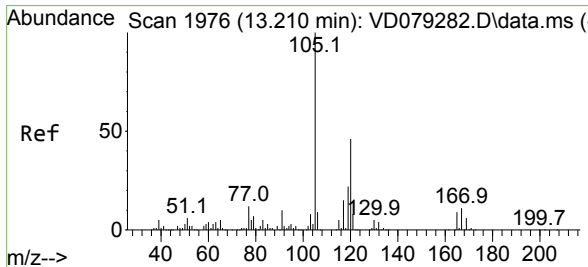
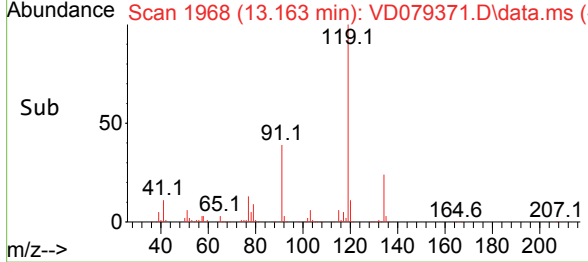
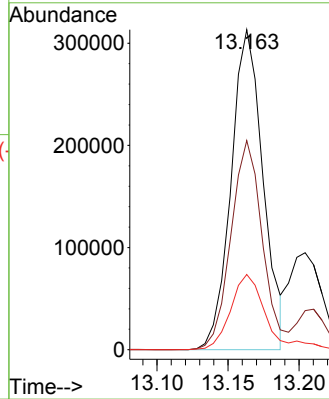
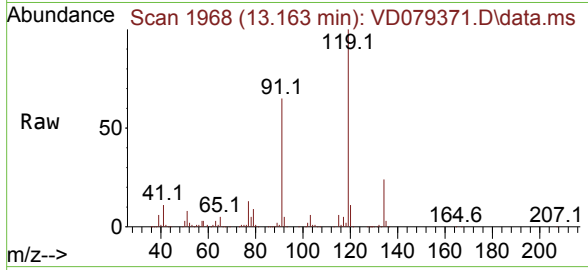




#83
 tert-Butylbenzene
 Concen: 61.002 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

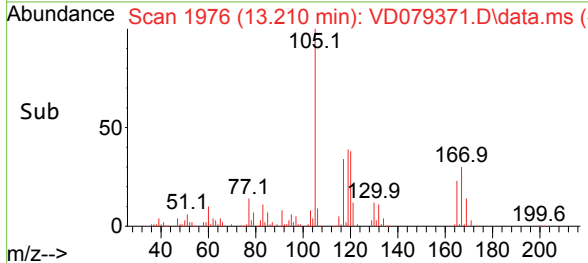
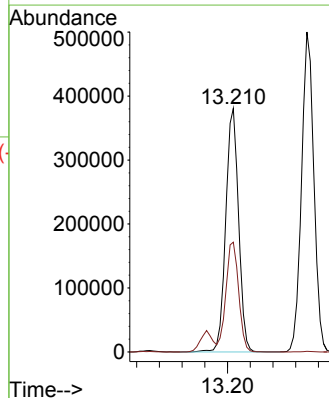
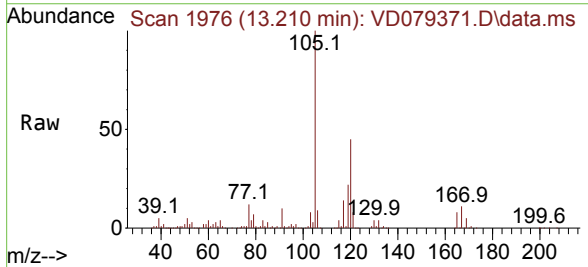
Instrument :
 MSVOA_D
 ClientSampleId :

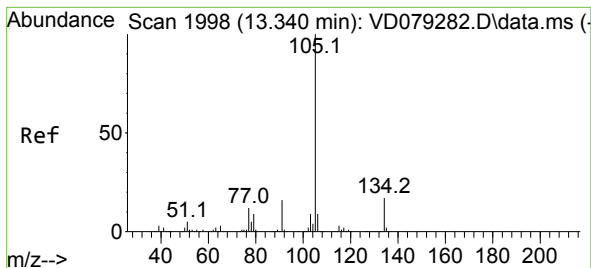
Tgt Ion:119 Resp: 491869
 Ion Ratio Lower Upper
 119 100
 91 64.6 28.2 84.7
 134 26.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 61.246 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

Tgt Ion:105 Resp: 599865
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.6 71.0





#85

sec-Butylbenzene

Concen: 60.844 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

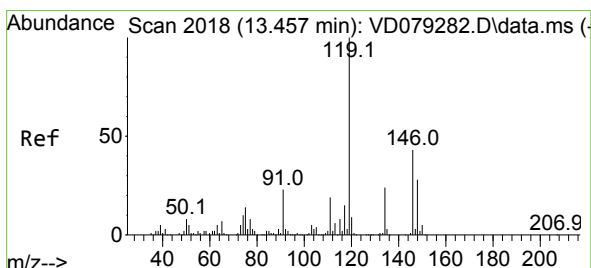
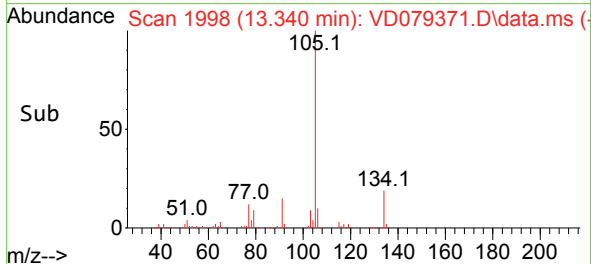
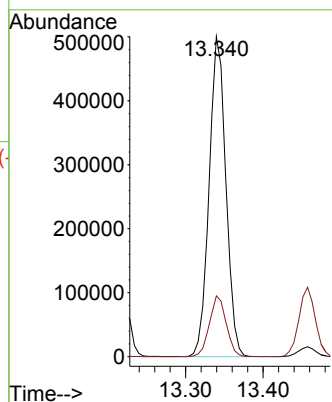
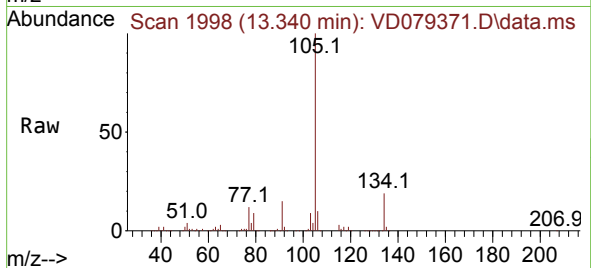
ClientSampleId :

Tgt Ion:105 Resp: 751929

Ion Ratio Lower Upper

105 100

134 19.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 60.775 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

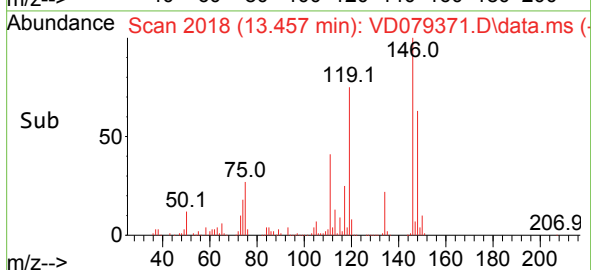
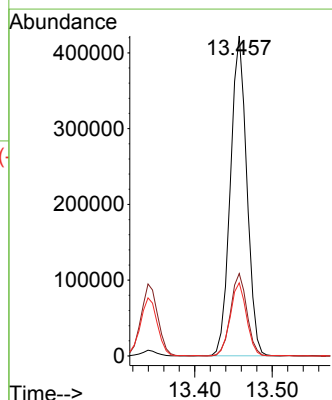
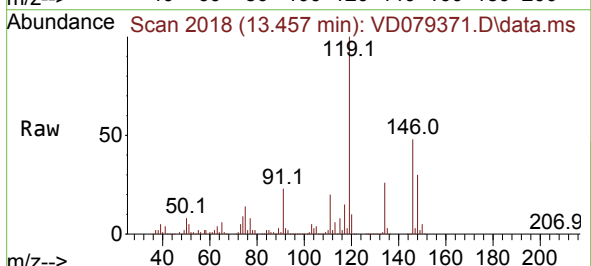
Tgt Ion:119 Resp: 622007

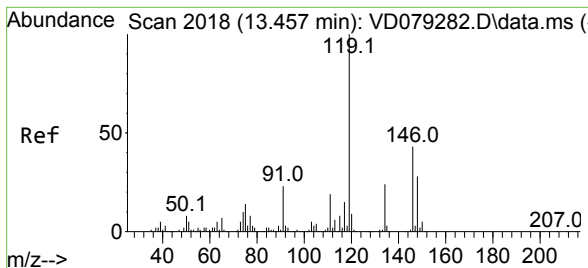
Ion Ratio Lower Upper

119 100

134 25.7 13.7 41.1

91 22.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 59.073 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

Instrument :

MSVOA_D

ClientSampleId :

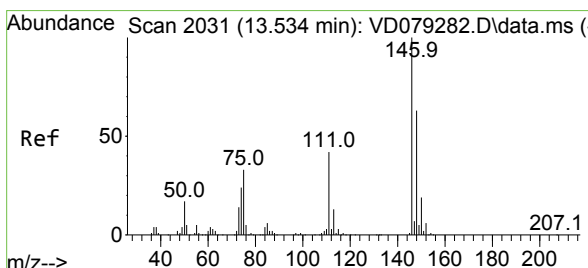
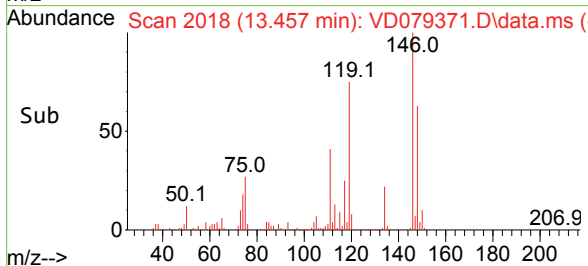
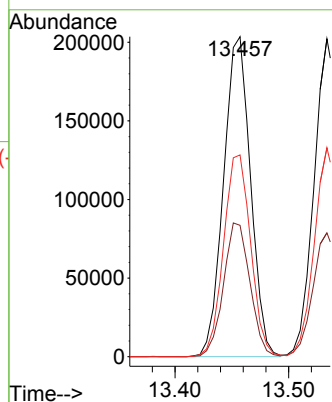
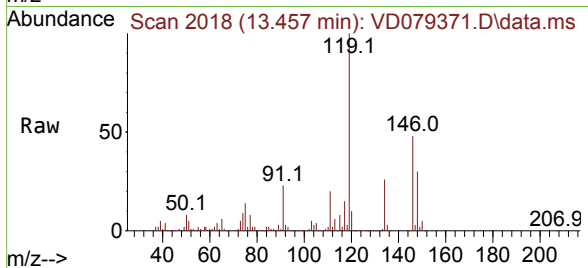
Tgt Ion:146 Resp: 335791

Ion Ratio Lower Upper

146 100

111 41.1 18.5 55.5

148 63.5 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 56.452 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079371.D

Acq: 09 Jul 2024 19:46

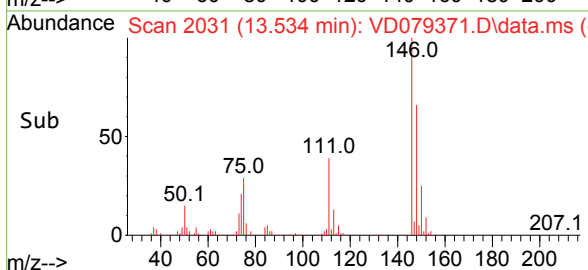
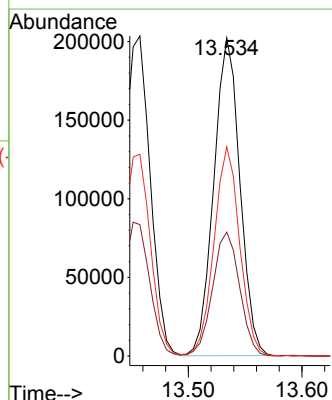
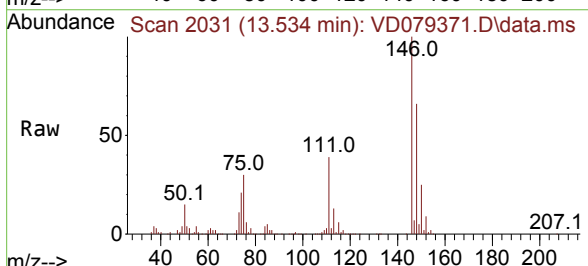
Tgt Ion:146 Resp: 322976

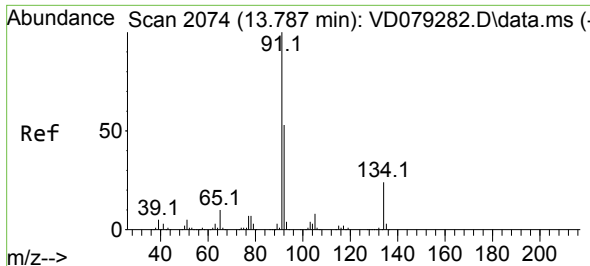
Ion Ratio Lower Upper

146 100

111 40.4 17.5 52.6

148 64.7 31.4 94.2

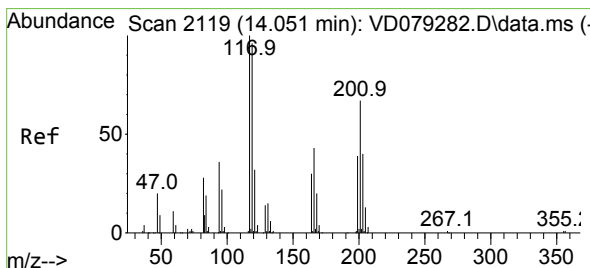
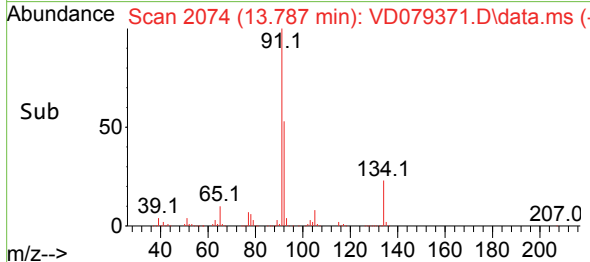
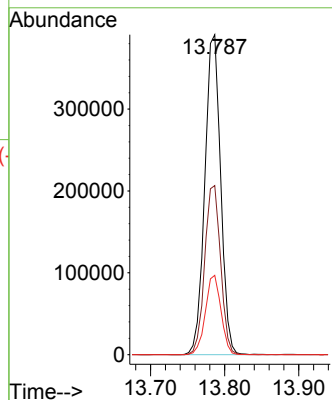
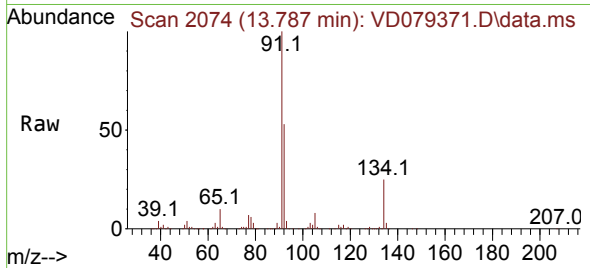




#89
n-Butylbenzene
Concen: 58.526 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

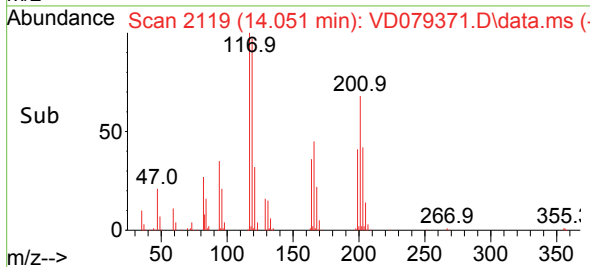
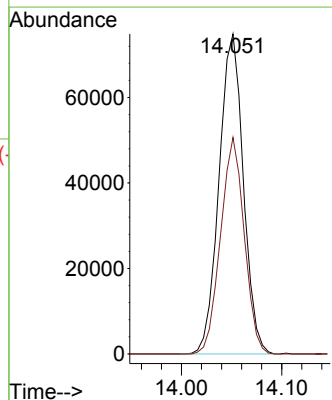
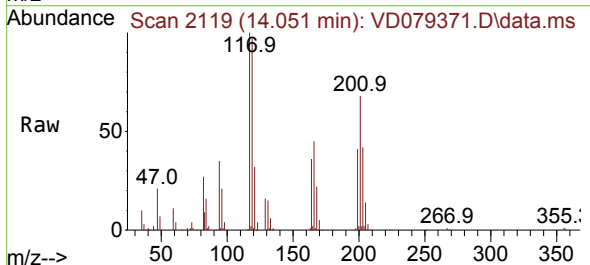
Instrument :
MSVOA_D
ClientSampleId :

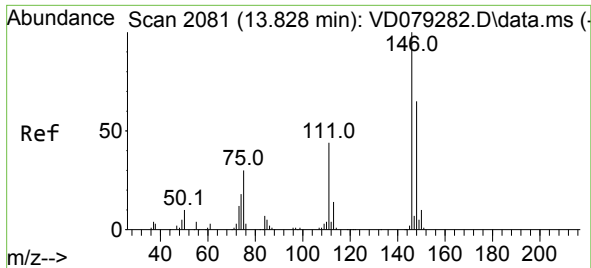
Tgt Ion: 91 Resp: 582300
Ion Ratio Lower Upper
91 100
92 53.0 25.7 77.0
134 24.4 13.6 40.8



#90
Hexachloroethane
Concen: 55.511 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

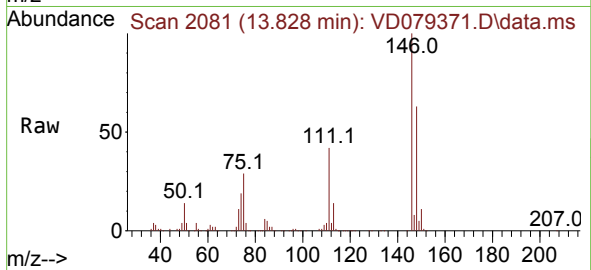
Tgt Ion: 117 Resp: 125512
Ion Ratio Lower Upper
117 100
201 65.9 36.3 108.9



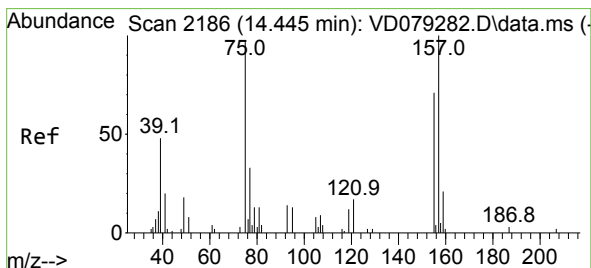
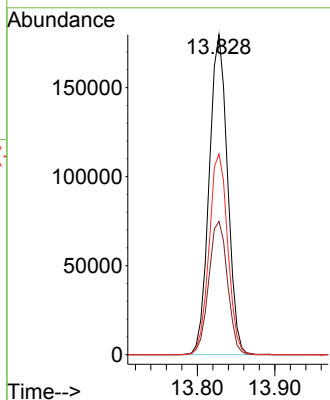
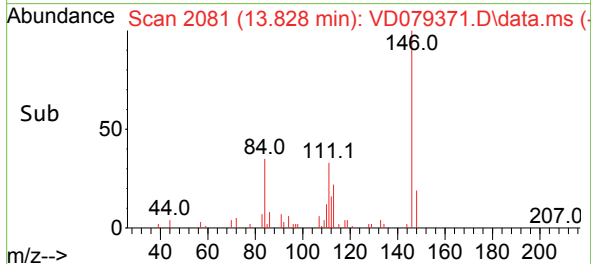


#91
1,2-Dichlorobenzene
Concen: 58.694 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Instrument :
MSVOA_D
ClientSampleId :

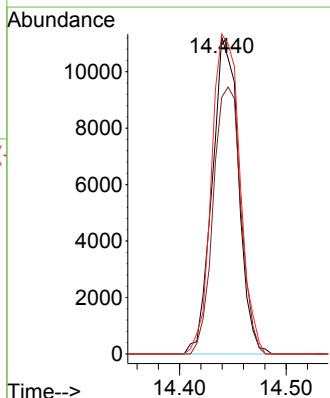
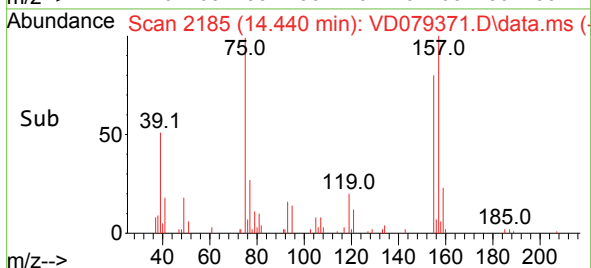
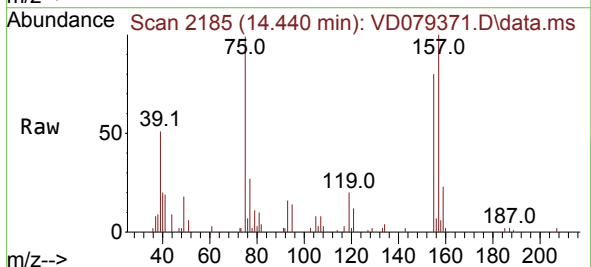


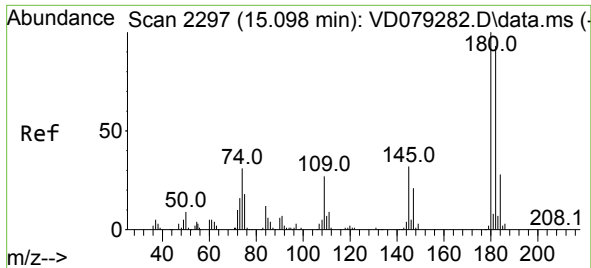
Tgt Ion:146 Resp: 295964
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.1
148 63.7 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.007 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion: 75 Resp: 19271
Ion Ratio Lower Upper
75 100
155 88.1 47.7 143.1
157 108.5 63.4 190.2

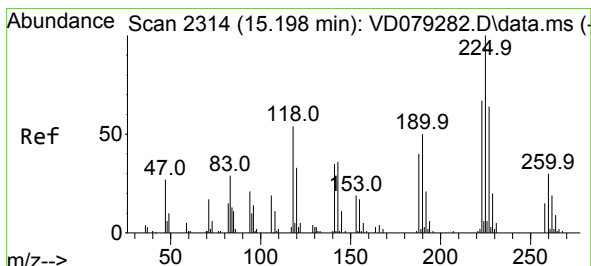
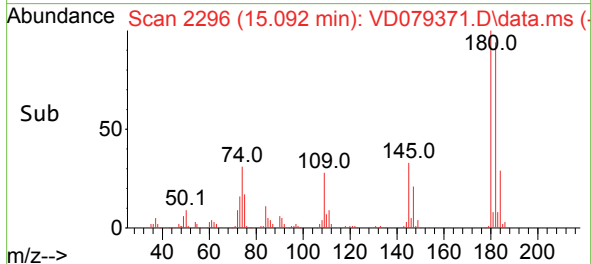
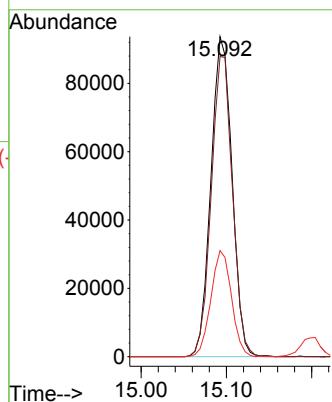
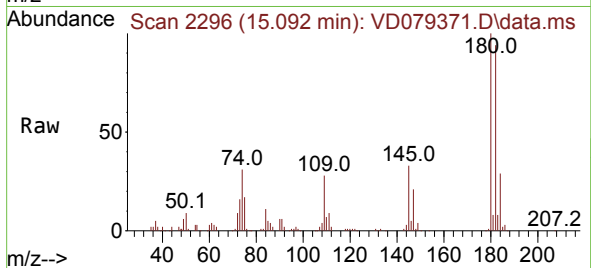




#93
 1,2,4-Trichlorobenzene
 Concen: 56.768 ug/l
 RT: 15.092 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

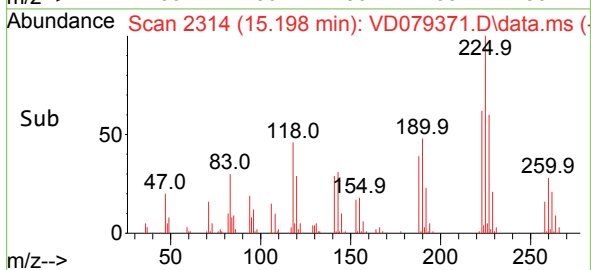
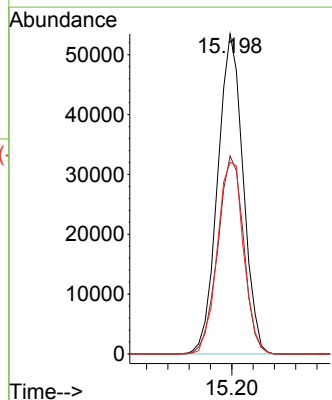
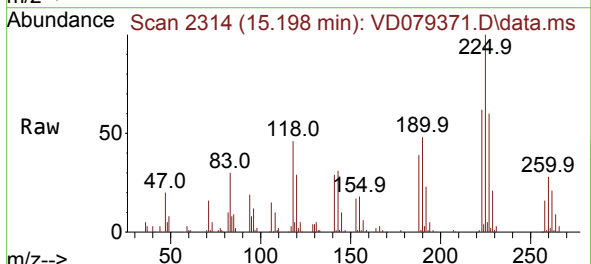
Instrument :
 MSVOA_D
 ClientSampleId :

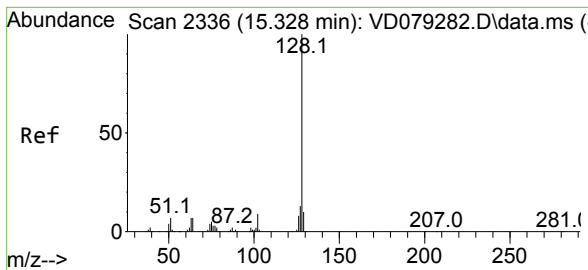
Tgt Ion:180 Resp: 160857
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.7
 145 32.5 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 58.927 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD079371.D
 Acq: 09 Jul 2024 19:46

Tgt Ion:225 Resp: 88555
 Ion Ratio Lower Upper
 225 100
 223 62.8 33.3 99.9
 227 62.2 33.6 100.6

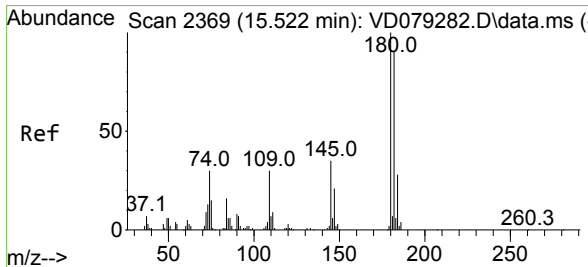
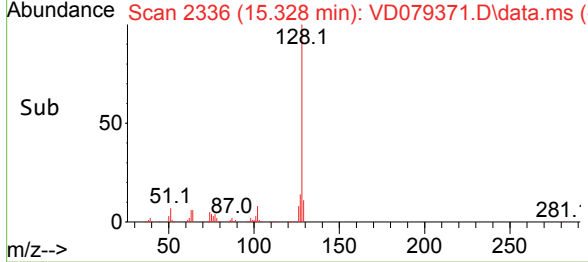
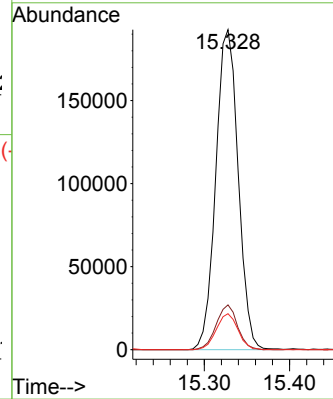
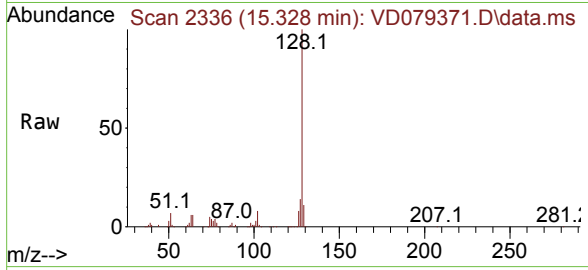




#95
Naphthalene
Concen: 62.357 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp: 351271
Ion Ratio	Lower Upper
128	100
127	14.0 10.2 15.4
129	11.2 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 59.689 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079371.D
Acq: 09 Jul 2024 19:46

Tgt Ion:180	Resp: 151083
Ion Ratio	Lower Upper
180	100
182	94.1 47.8 143.3
145	33.8 16.1 48.2

