

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062724\
 Data File : VD079274.D
 Acq On : 27 Jun 2024 13:58
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 06:04:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM062724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 28 06:00:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	189025	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	201516	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107217	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	588389	109.020	ug/L	0.00
7) Chloroethane-d5	2.787	69	505208	106.176	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	122786	115.698	ug/L	0.00
21) 2-Butanone-d5	6.981	46	151137	238.305	ug/L	0.00
24) Chloroform-d	7.569	84	619940	106.743	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	301602	108.392	ug/L	0.00
32) Benzene-d6	8.199	84	1353097	111.128	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	400636	109.622	ug/L	0.00
41) Toluene-d8	10.269	98	1308127	118.695	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	183944	115.385	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	150221	251.681	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	384111	107.513	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	472453	113.550	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	329400	100.881	ug/L	99
3) Chloromethane	2.146	50	454021	99.102	ug/L	99
5) Vinyl chloride	2.276	62	618888	102.026	ug/L	98
6) Bromomethane	2.675	94	452574	109.283	ug/L	98
8) Chloroethane	2.823	64	405256	100.159	ug/L	99
9) Trichlorofluoromethane	3.164	101	456294	101.116	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	290742	100.800	ug/L	97
12) 1,1-Dichloroethene	3.934	96	294132	112.499	ug/L	99
13) Acetone	4.017	43	102576	212.292	ug/L	98
14) Carbon disulfide	4.264	76	974810	103.123	ug/L	99
15) Methyl Acetate	4.564	43	120805	105.429	ug/L	93
16) Methylene chloride	4.799	84	345256	73.140	ug/L	97
17) trans-1,2-Dichloroethene	5.305	96	324226	111.910	ug/L	97
18) Methyl tert-butyl Ether	5.311	73	721433	121.168	ug/L	99
19) 1,1-Dichloroethane	6.105	63	496299	102.001	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	368403	113.462	ug/L	97
22) 2-Butanone	7.075	43	170271	236.977	ug/L	96
23) Bromochloromethane	7.422	128	170183	103.806	ug/L	95
25) Chloroform	7.593	83	560129	101.918	ug/L	100
27) 1,2-Dichloroethane	8.322	62	327648	104.605	ug/L #	92
29) Cyclohexane	7.875	56	419183	118.081	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	437632	100.249	ug/L	99
31) Carbon tetrachloride	7.987	117	383094	97.275	ug/L	99
33) Benzene	8.252	78	1367302	108.599	ug/L	100
34) Trichloroethene	9.028	95	321922	104.609	ug/L	93
35) Methylcyclohexane	9.269	83	547893	115.482	ug/L	98
37) 1,2-Dichloropropane	9.305	63	335180	101.886	ug/L	100
38) Bromodichloromethane	9.587	83	419121	99.464	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	553657	114.687	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	364501	233.736	ug/L	99
42) Toluene	10.334	91	1527298	113.994	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	477932	113.306	ug/L	99

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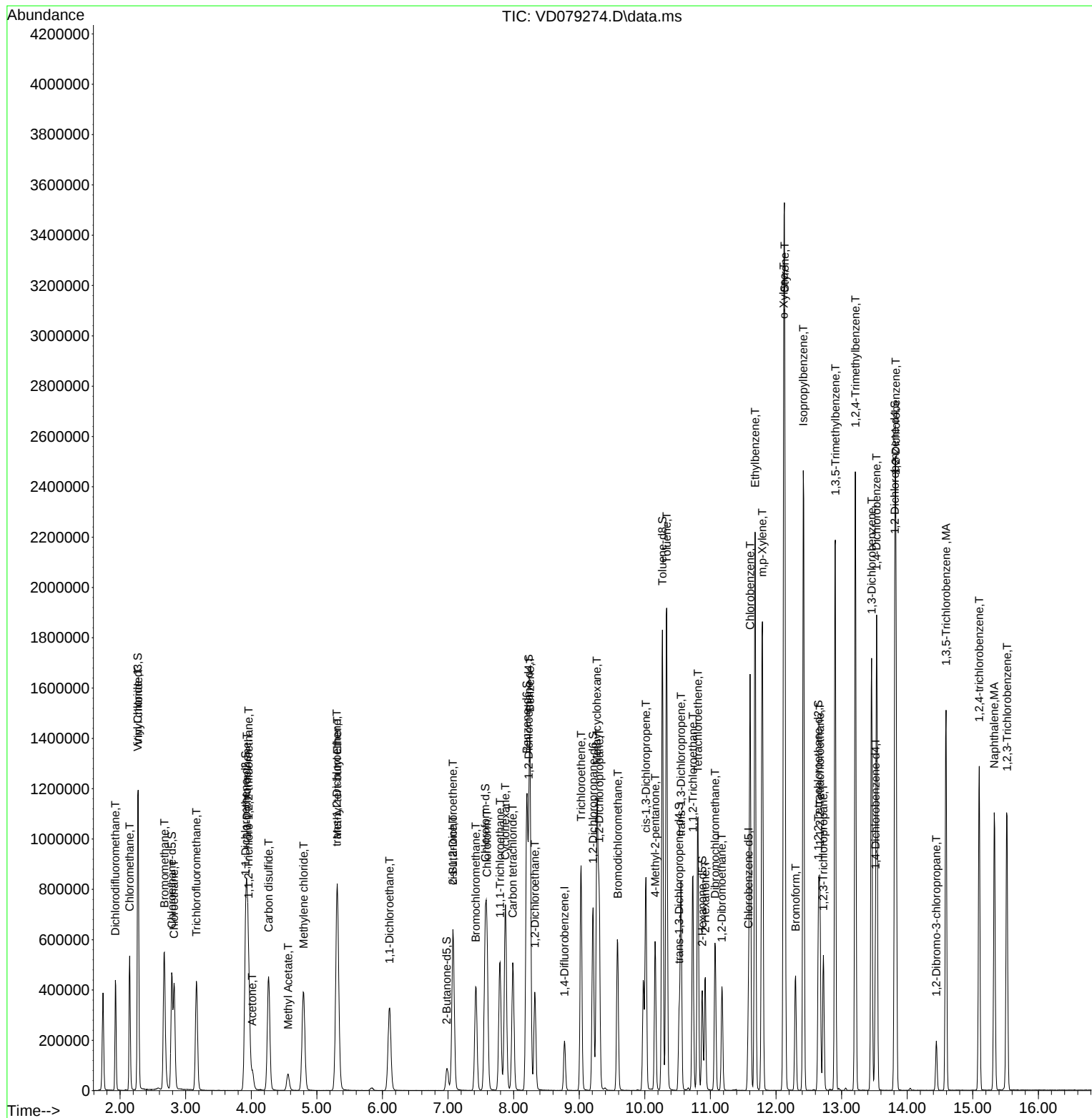
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	292613	103.514	ug/L	94
46) Tetrachloroethene	10.810	164	266574	108.789	ug/L	97
48) 2-Hexanone	10.922	43	269789	236.999	ug/L	98
49) Dibromochloromethane	11.069	129	327374	107.236	ug/L	95
50) 1,2-Dibromoethane	11.175	107	272730	102.557	ug/L	89
51) Chlorobenzene	11.604	112	970978	106.943	ug/L	96
52) Ethylbenzene	11.681	91	1636386	118.339	ug/L	99
53) m,p-Xylene	11.793	106	647990	118.817	ug/L	92
54) o-Xylene	12.116	106	673930	122.951	ug/L	95
55) Styrene	12.134	104	1212516	123.684	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	357997	103.853	ug/L #	99
59) Bromoform	12.299	173	214740	102.060	ug/L	98
60) Isopropylbenzene	12.416	105	1657131	118.426	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	225089	98.971	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1211987	121.727	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	1346004	124.164	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	764813	108.861	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	796174	107.472	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	744415	109.688	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	46395	101.467	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	487230	111.113	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	426349	117.262	ug/L	99
71) Naphthalene	15.328	128	981927	124.413	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	401062	116.030	ug/L	99

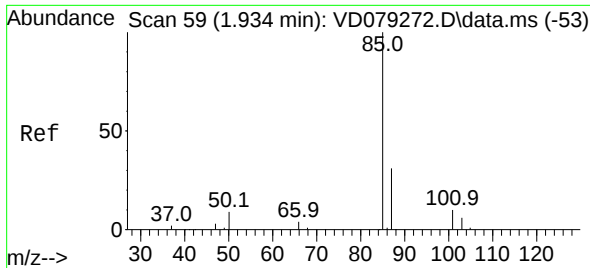
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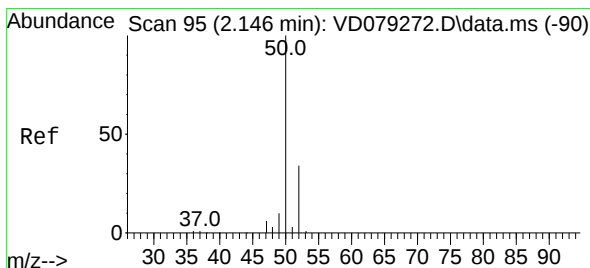
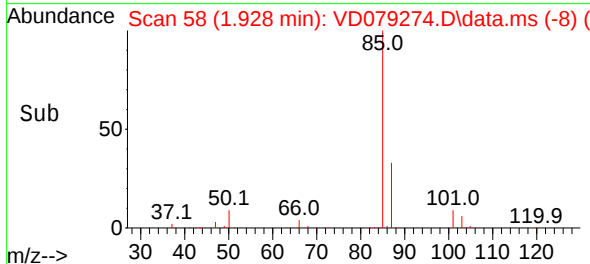
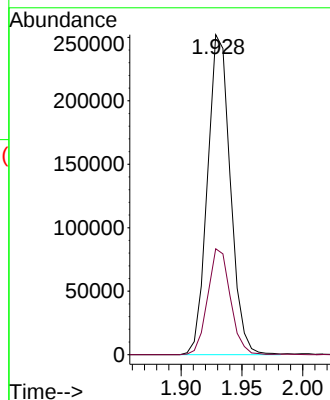
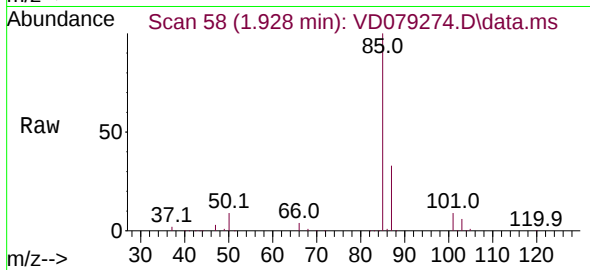




#2
Dichlorodifluoromethane
Concen: 100.881 ug/L
RT: 1.928 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

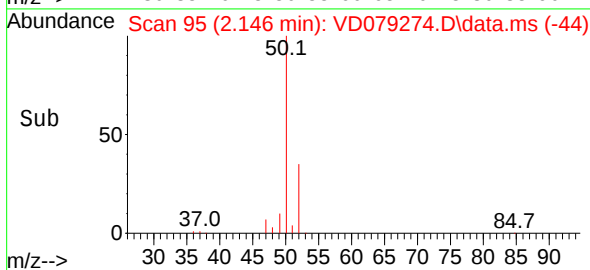
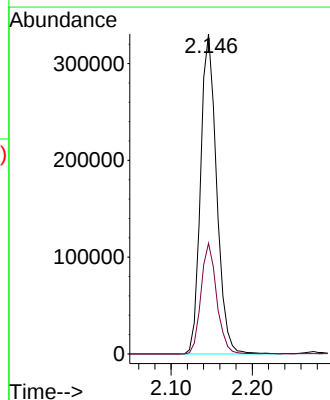
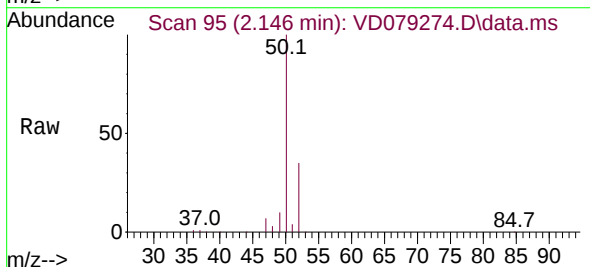
Instrument :
MSVOA_D
ClientSampleId :

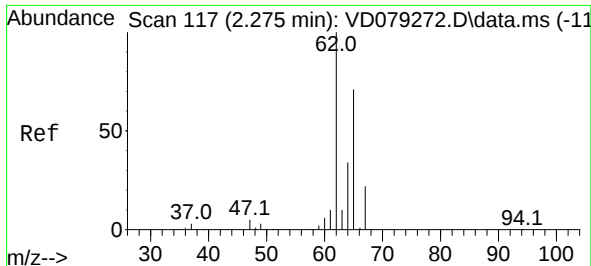
Tgt Ion: 85 Resp: 329400
Ion Ratio Lower Upper
85 100
87 32.8 25.6 38.4



#3
Chloromethane
Concen: 99.102 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion: 50 Resp: 454021
Ion Ratio Lower Upper
50 100
52 34.6 23.7 44.1

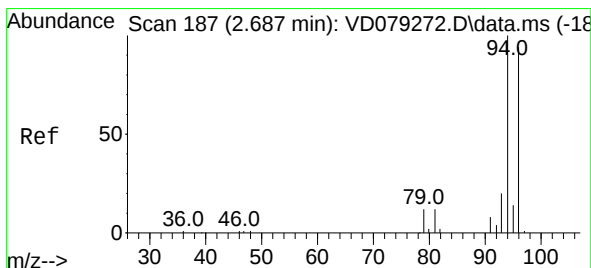
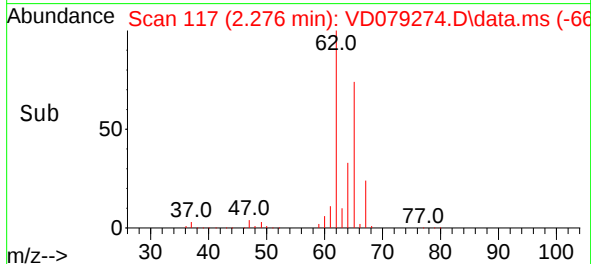
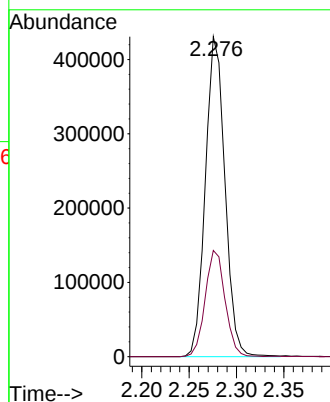
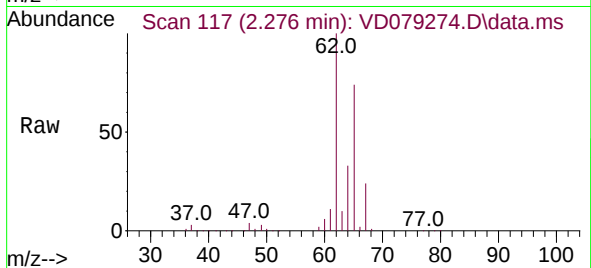




#5
Vinyl chloride
Concen: 102.026 ug/L
RT: 2.276 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

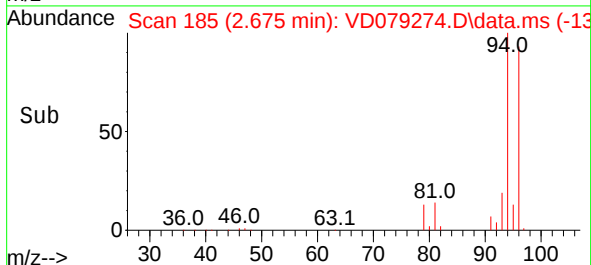
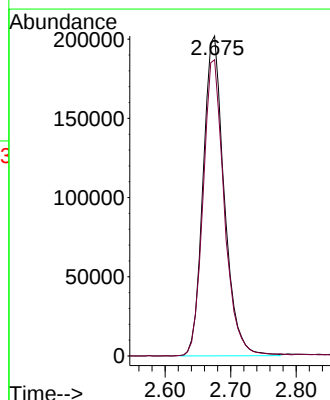
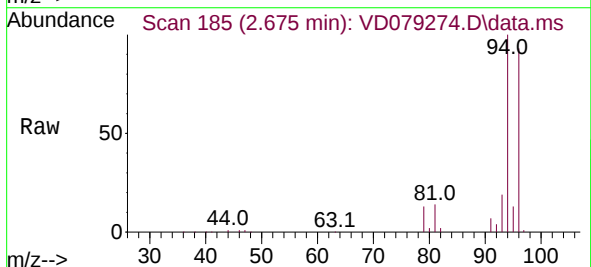
Instrument :
MSVOA_D
ClientSampleId :

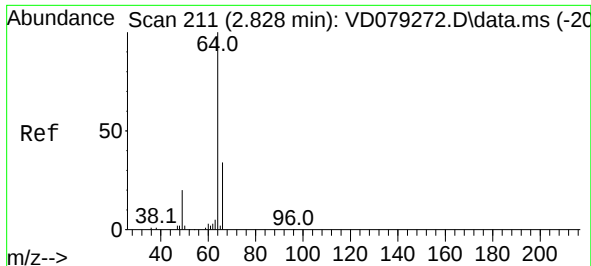
Tgt Ion: 62 Resp: 618888
Ion Ratio Lower Upper
62 100
64 33.2 24.1 44.7



#6
Bromomethane
Concen: 109.283 ug/L
RT: 2.675 min Scan# 185
Delta R.T. -0.012 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion: 94 Resp: 452574
Ion Ratio Lower Upper
94 100
96 92.6 65.9 122.5

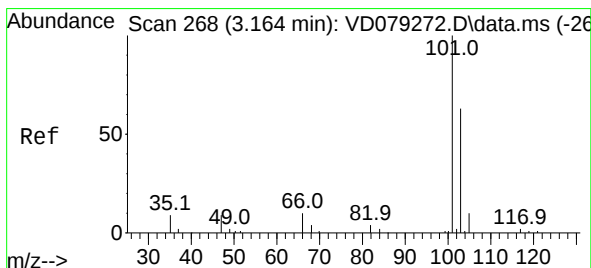
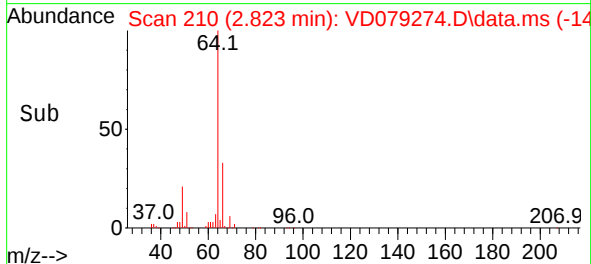
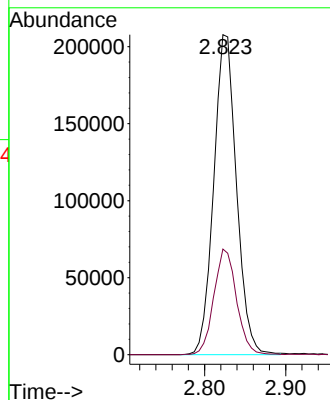
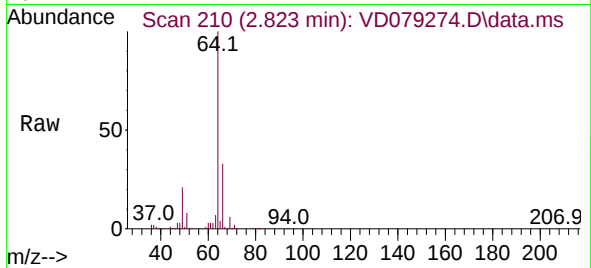




#8
Chloroethane
Concen: 100.159 ug/L
RT: 2.823 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

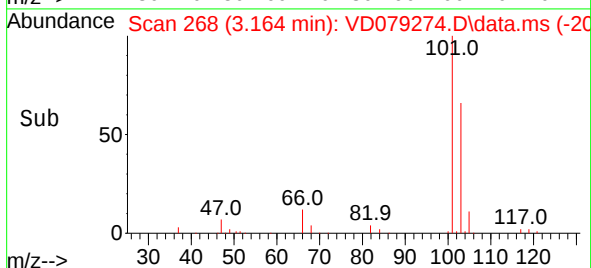
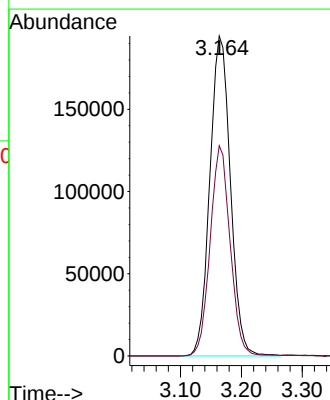
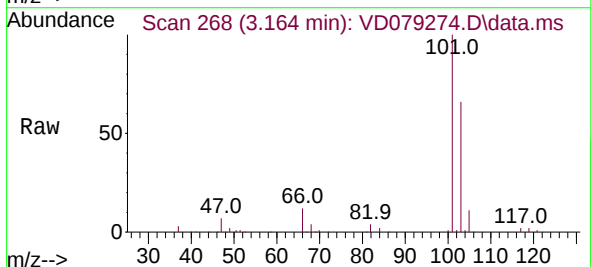
Instrument :
MSVOA_D
ClientSampleId :

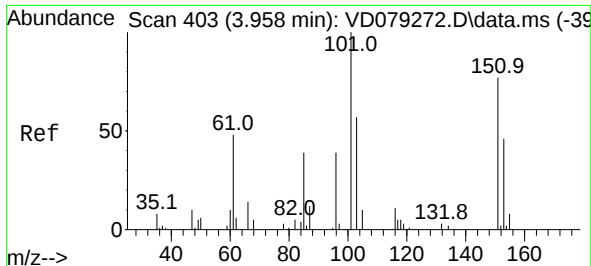
Tgt Ion: 64 Resp: 405256
Ion Ratio Lower Upper
64 100
66 33.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 101.116 ug/L
RT: 3.164 min Scan# 268
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion:101 Resp: 456294
Ion Ratio Lower Upper
101 100
103 63.7 52.6 79.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 100.800 ug/L

RT: 3.958 min Scan# 403

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

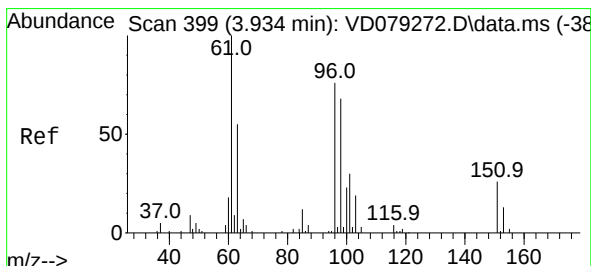
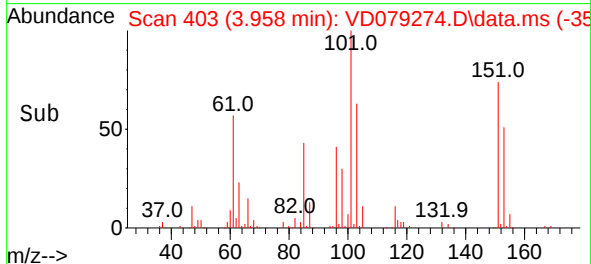
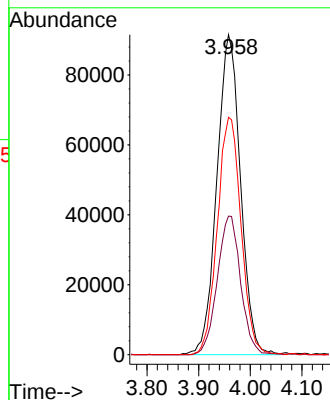
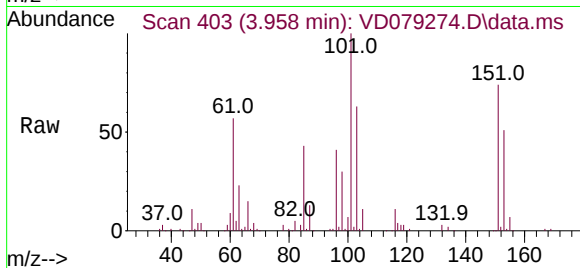
Tgt Ion:101 Resp: 290742

Ion Ratio Lower Upper

101 100

85 42.5 33.0 49.6

151 74.2 61.7 92.5



#12

1,1-Dichloroethene

Concen: 112.499 ug/L

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

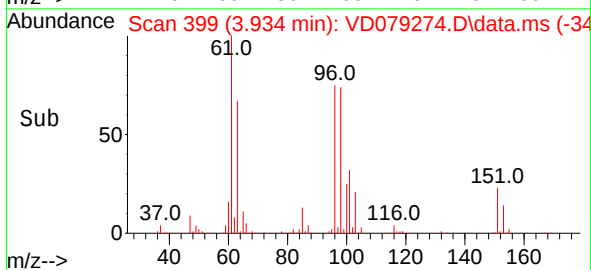
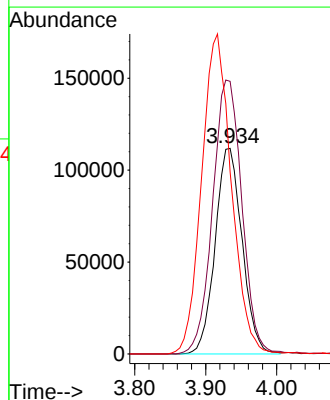
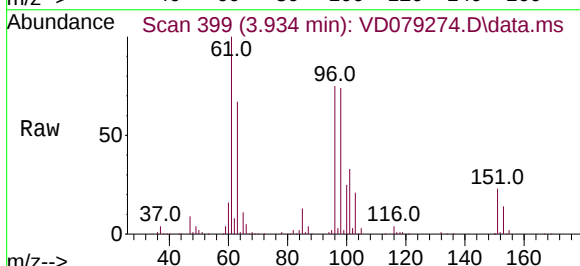
Tgt Ion: 96 Resp: 294132

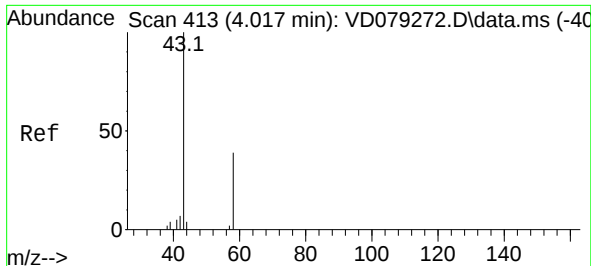
Ion Ratio Lower Upper

96 100

61 132.6 93.7 173.9

63 88.5 61.2 113.8





#13

Acetone

Concen: 212.292 ug/L

RT: 4.017 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD079274.D

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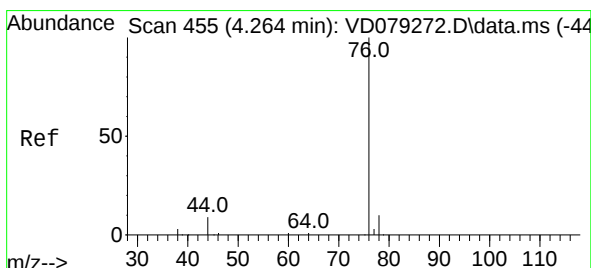
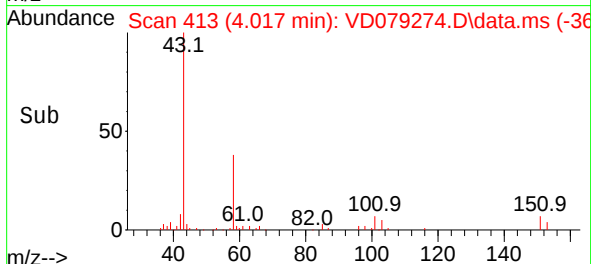
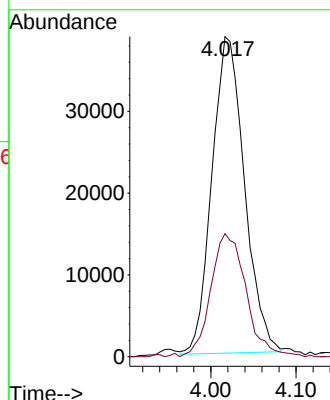
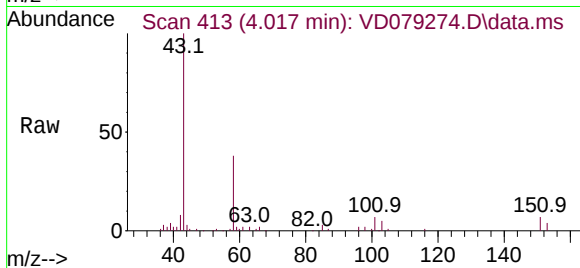
ClientSampleId :

Tgt Ion: 43 Resp: 102576

Ion Ratio Lower Upper

43 100

58 42.0 0.0 81.4



#14

Carbon disulfide

Concen: 103.123 ug/L

RT: 4.264 min Scan# 455

Delta R.T. 0.000 min

Lab File: VD079274.D

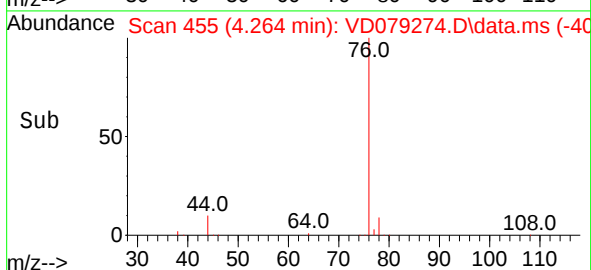
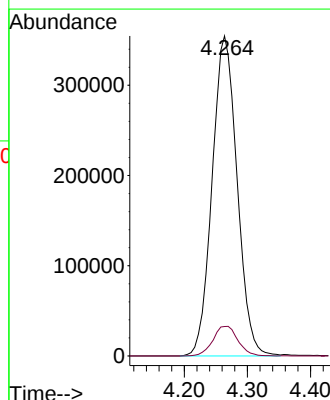
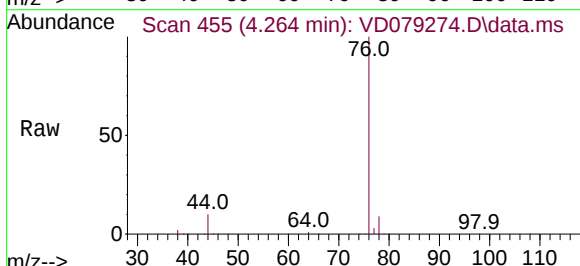
Acq: 27 Jun 2024 13:58

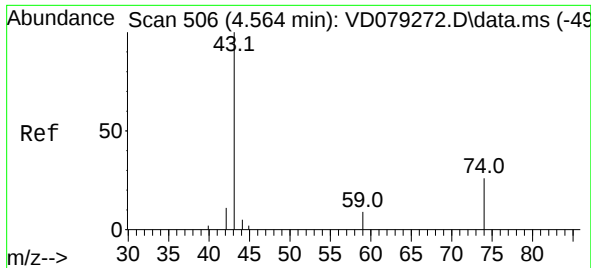
Tgt Ion: 76 Resp: 974810

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6

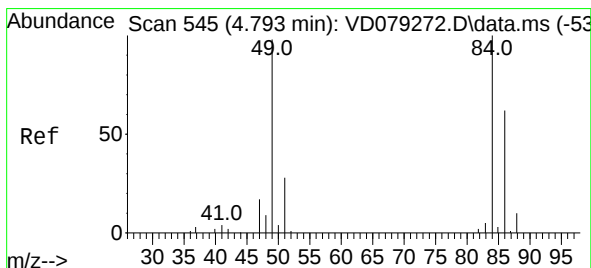
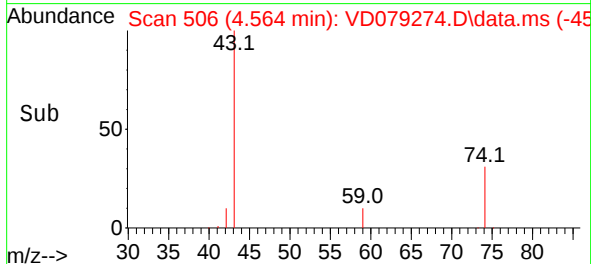
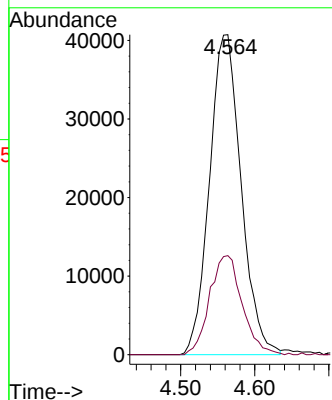
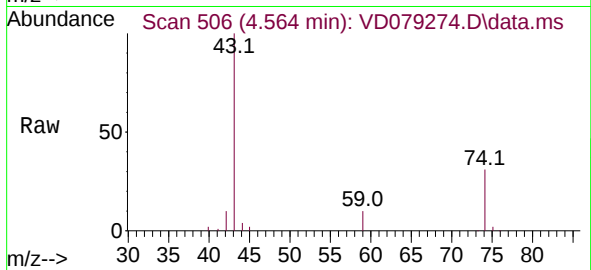




#15
Methyl Acetate
Concen: 105.429 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

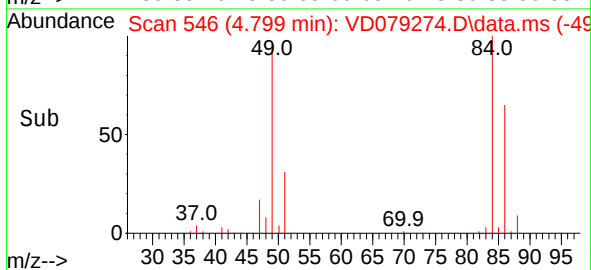
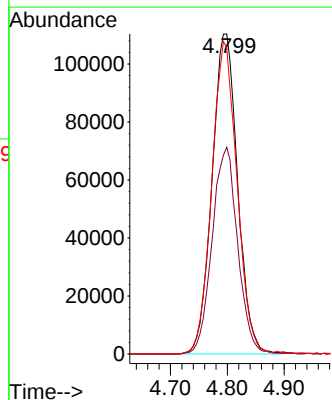
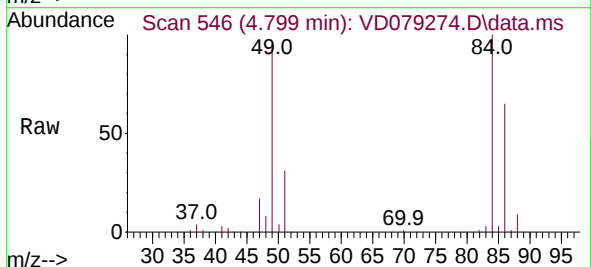
Instrument :
MSVOA_D
ClientSampleId :

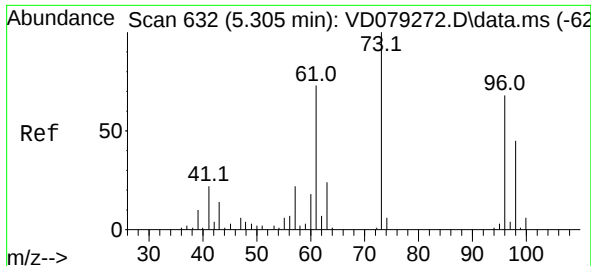
Tgt Ion: 43 Resp: 120805
Ion Ratio Lower Upper
43 100
74 31.8 22.4 33.6



#16
Methylene chloride
Concen: 73.140 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion: 84 Resp: 345256
Ion Ratio Lower Upper
84 100
86 64.6 43.8 81.3
49 95.7 69.1 128.3





#17

trans-1,2-Dichloroethene

Concen: 111.910 ug/L

RT: 5.305 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

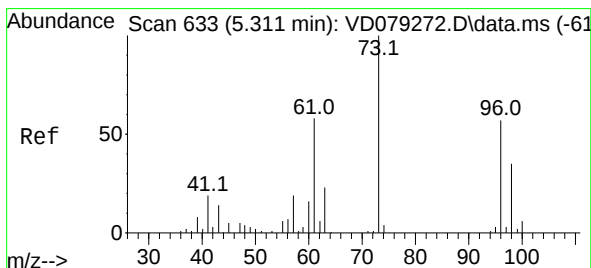
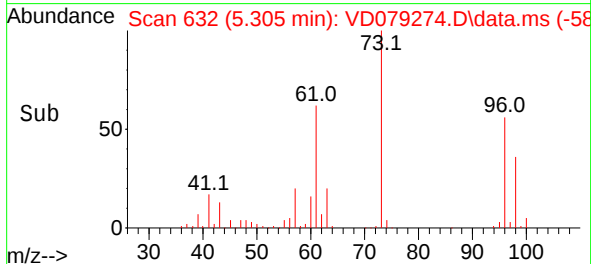
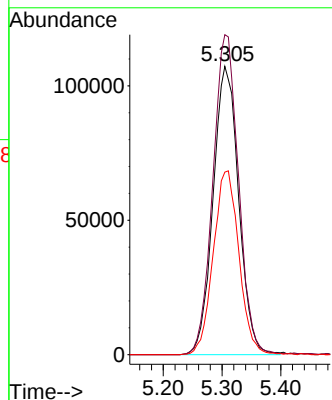
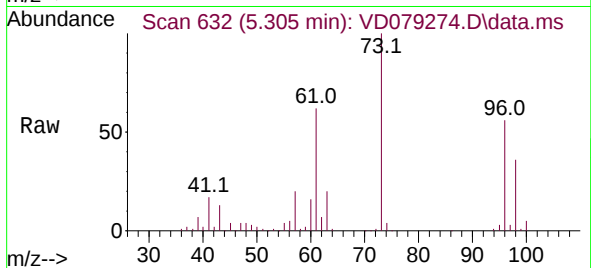
Tgt Ion: 96 Resp: 324226

Ion Ratio Lower Upper

96 100

61 111.0 75.8 140.8

98 63.3 46.6 86.6



#18

Methyl tert-butyl Ether

Concen: 121.168 ug/L

RT: 5.311 min Scan# 633

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

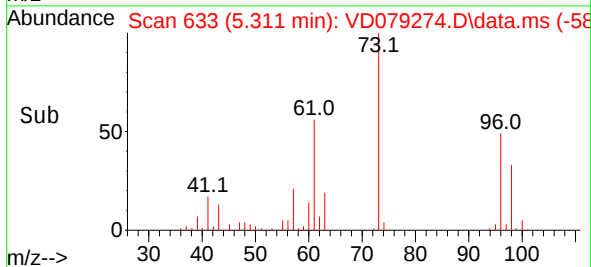
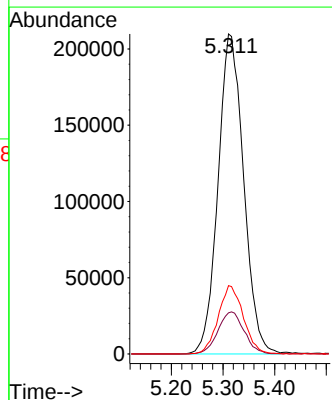
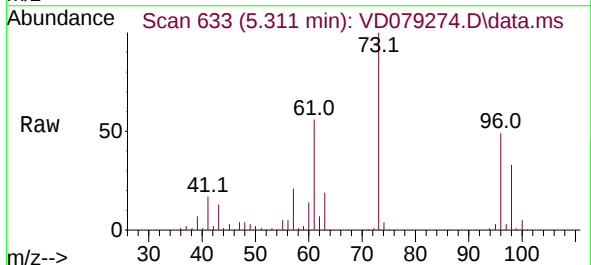
Tgt Ion: 73 Resp: 721433

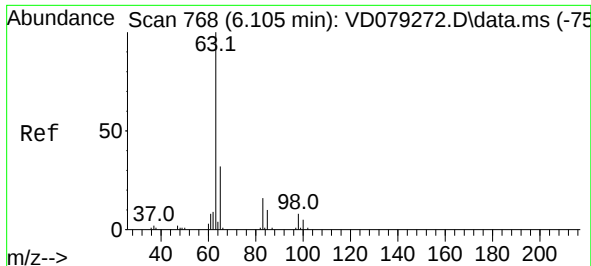
Ion Ratio Lower Upper

73 100

43 13.4 11.4 17.0

57 21.0 16.6 24.8

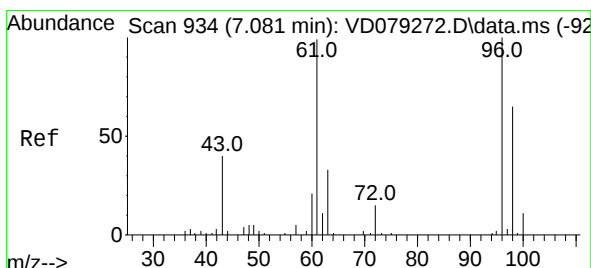
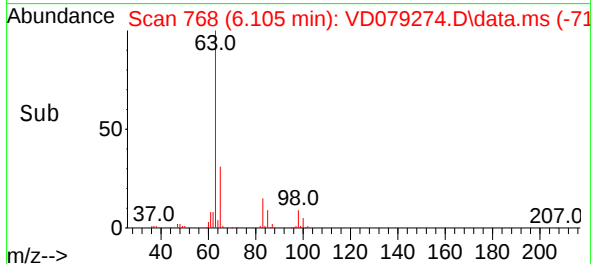
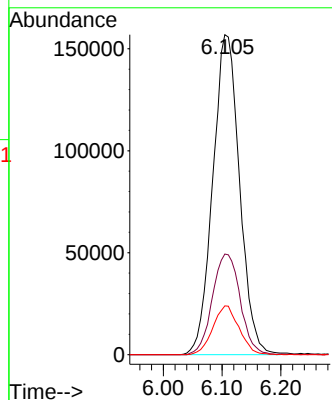
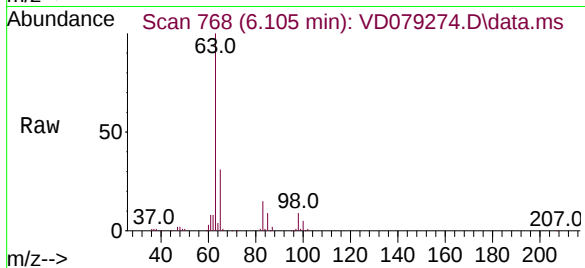




#19
1,1-Dichloroethane
Concen: 102.001 ug/L
RT: 6.105 min Scan# 768
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

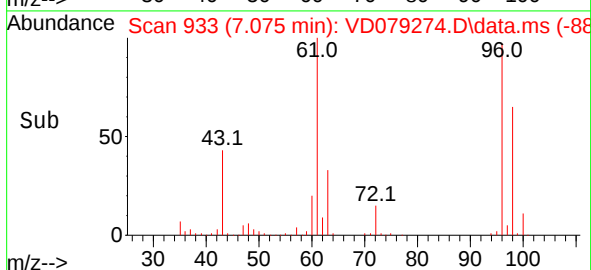
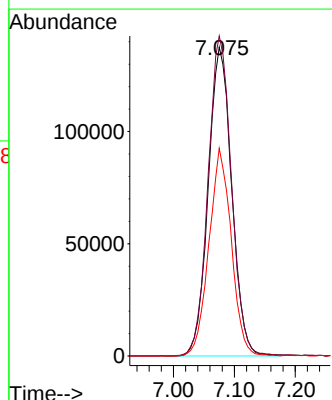
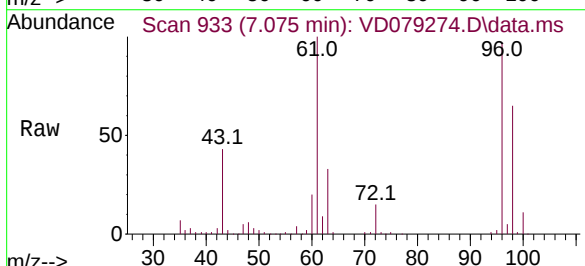
Instrument :
MSVOA_D
ClientSampleId :

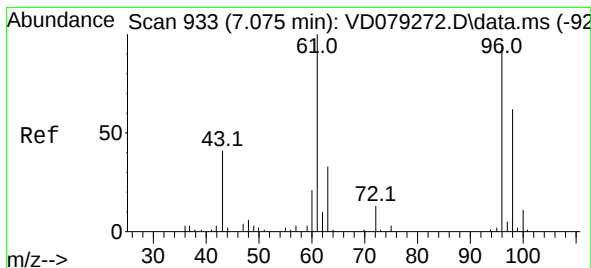
Tgt Ion: 63 Resp: 496299
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.3
83 15.2 11.4 21.2



#20
cis-1,2-Dichloroethene
Concen: 113.462 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion: 96 Resp: 368403
Ion Ratio Lower Upper
96 100
61 103.6 69.7 129.5
98 67.2 45.6 84.8





#22

2-Butanone

Concen: 236.977 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

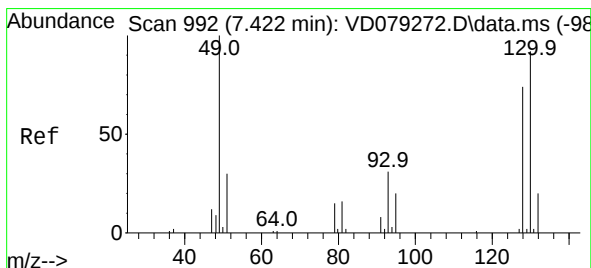
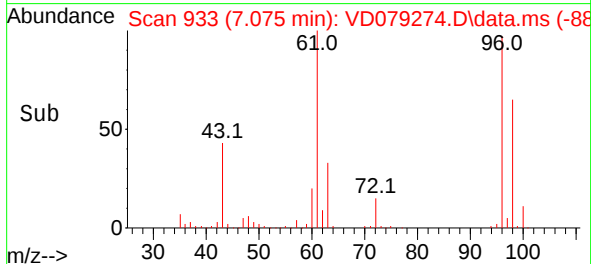
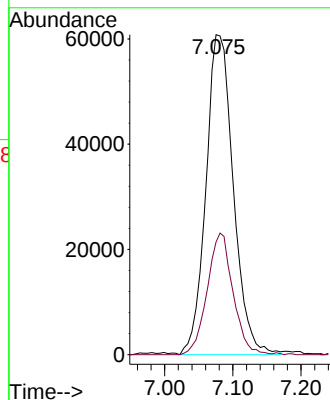
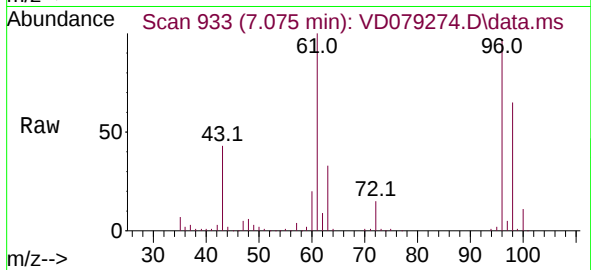
ClientSampleId :

Tgt Ion: 43 Resp: 170271

Ion Ratio Lower Upper

43 100

72 35.6 16.8 50.4



#23

Bromochloromethane

Concen: 103.806 ug/L

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Tgt Ion:128 Resp: 170183

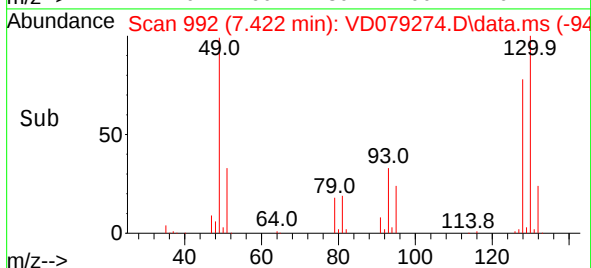
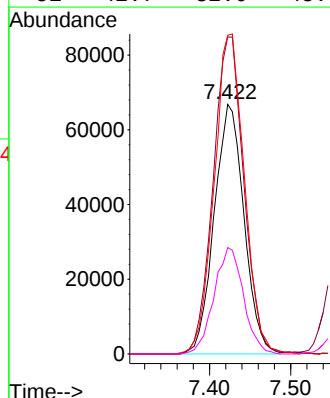
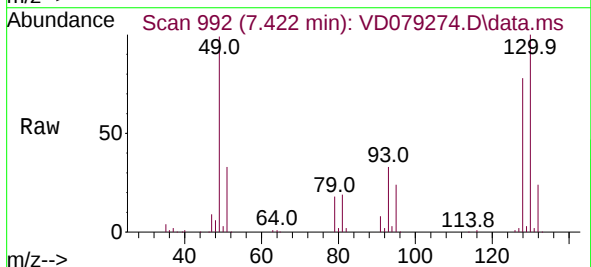
Ion Ratio Lower Upper

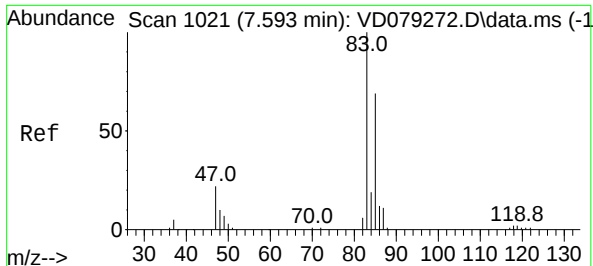
128 100

49 127.0 94.4 175.4

130 127.7 87.0 161.6

51 42.7 32.0 48.0





#25

Chloroform

Concen: 101.918 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

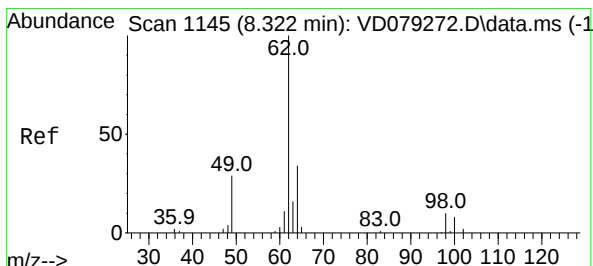
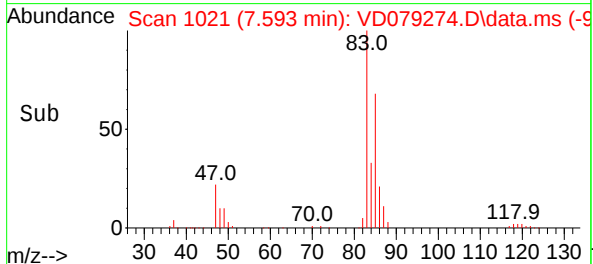
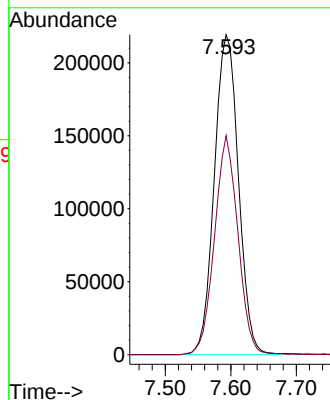
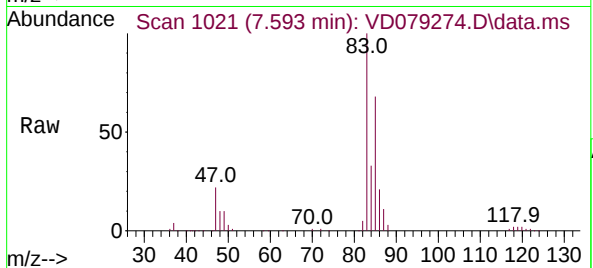
ClientSampleId :

Tgt Ion: 83 Resp: 560129

Ion Ratio Lower Upper

83 100

85 68.4 48.2 89.4



#27

1,2-Dichloroethane

Concen: 104.605 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD079274.D

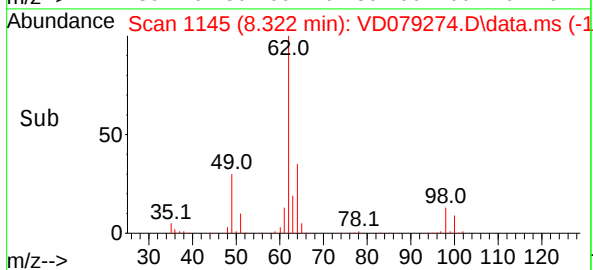
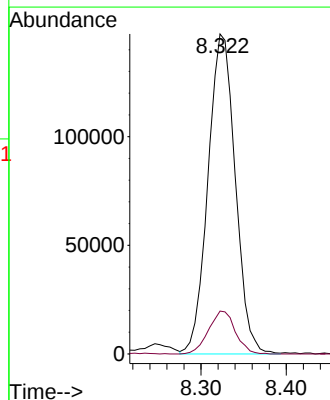
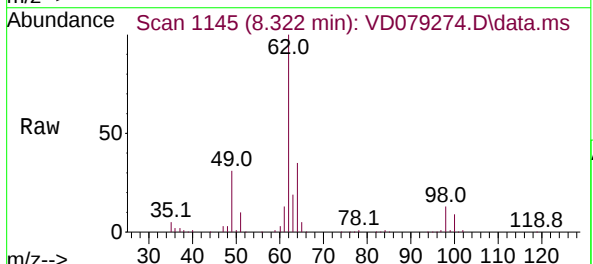
Acq: 27 Jun 2024 13:58

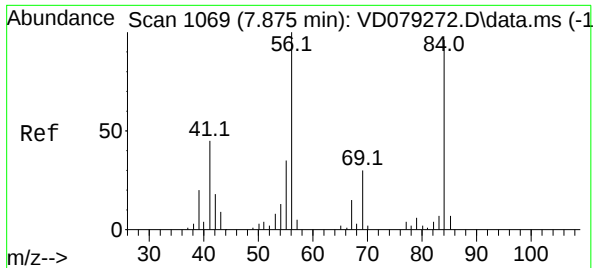
Tgt Ion: 62 Resp: 327648

Ion Ratio Lower Upper

62 100

98 13.4 8.3 12.5#

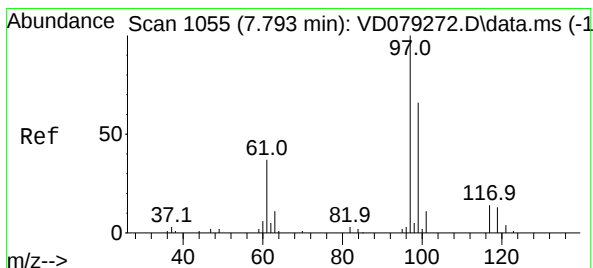
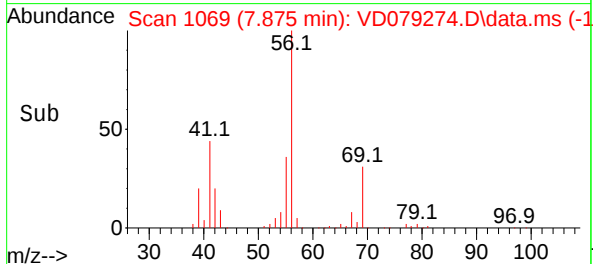
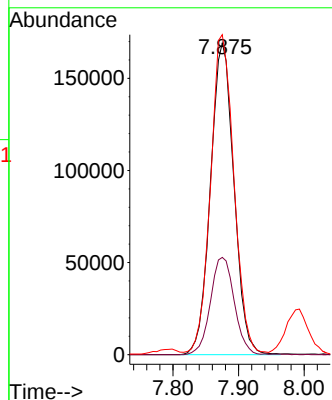
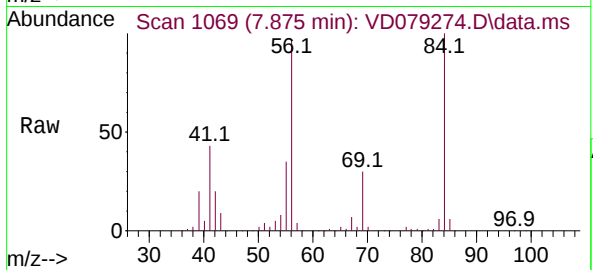




#29
Cyclohexane
Concen: 118.081 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

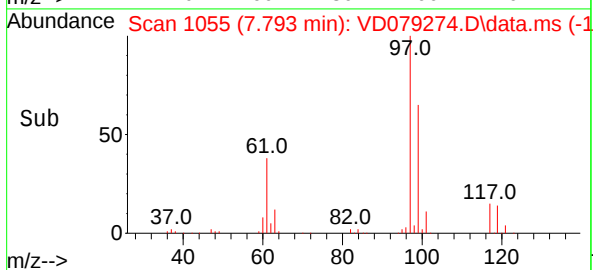
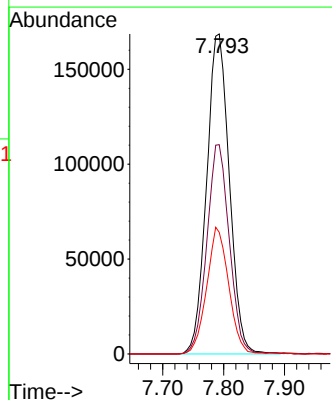
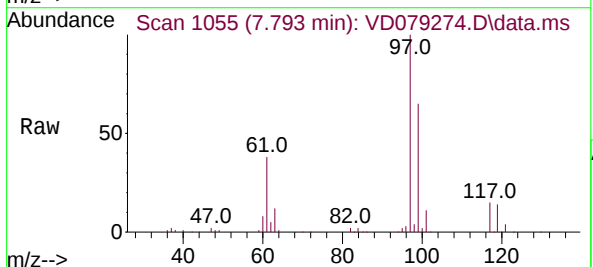
Instrument :
MSVOA_D
ClientSampleId :

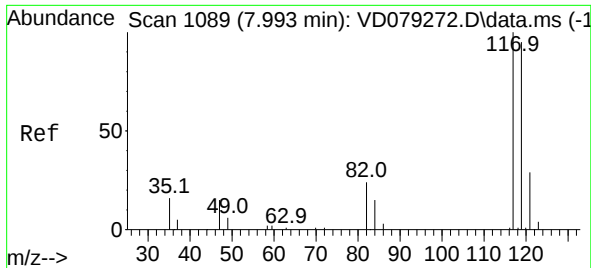
Tgt Ion: 56 Resp: 419183
Ion Ratio Lower Upper
56 100
69 31.7 25.0 37.4
84 102.8 81.7 122.5



#30
1,1,1-Trichloroethane
Concen: 100.249 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion: 97 Resp: 437632
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.4
61 38.1 31.3 46.9

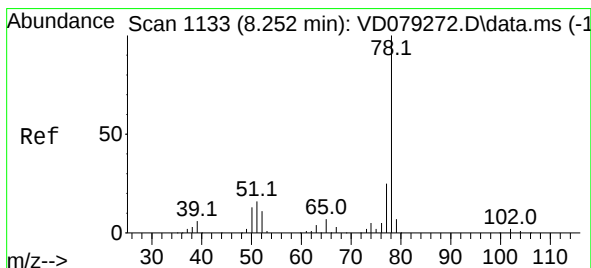
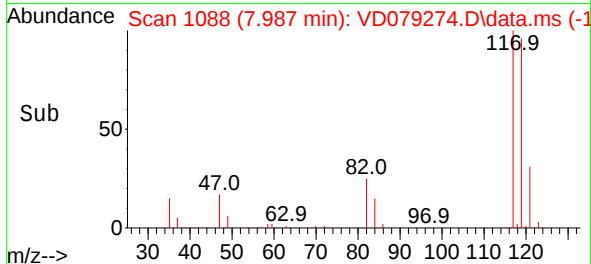
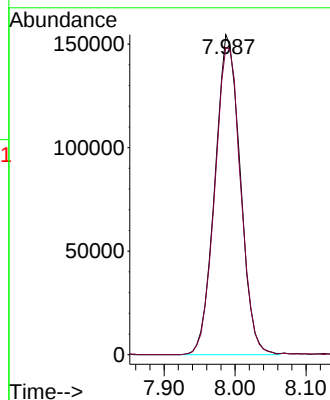
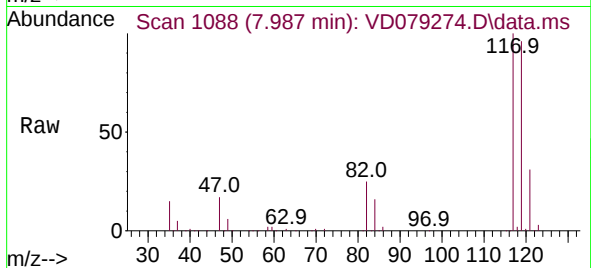




#31
Carbon tetrachloride
Concen: 97.275 ug/L
RT: 7.987 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

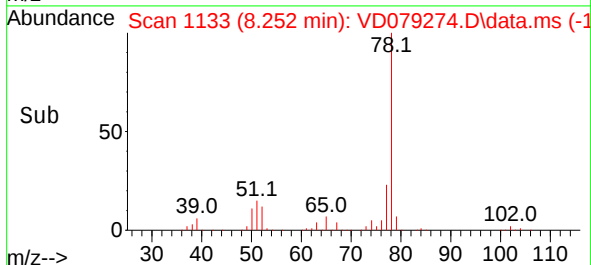
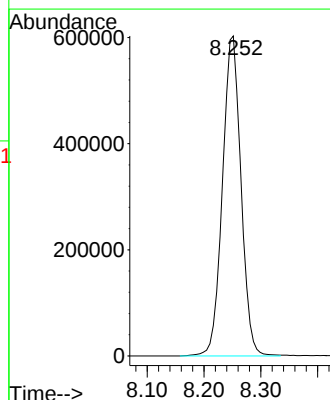
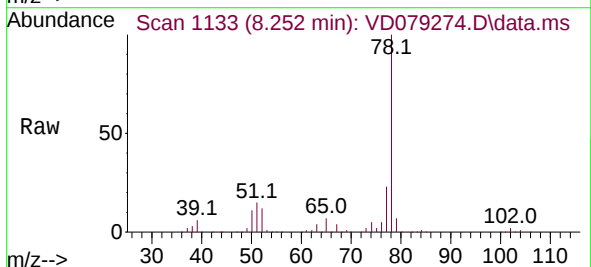
Instrument :
MSVOA_D
ClientSampleId :

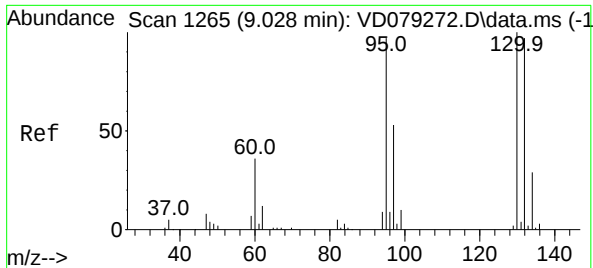
Tgt Ion:117 Resp: 383094
Ion Ratio Lower Upper
117 100
119 97.9 77.8 116.8



#33
Benzene
Concen: 108.599 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

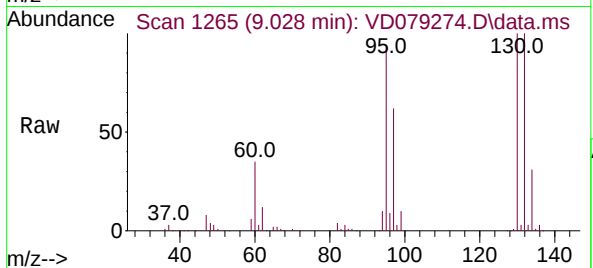
Tgt Ion: 78 Resp: 1367302





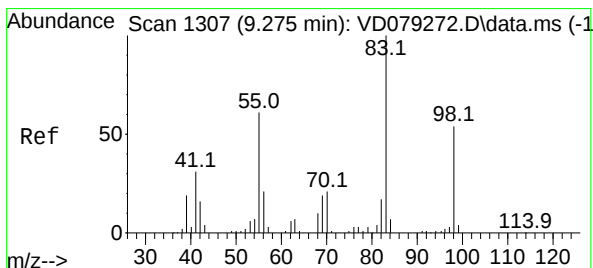
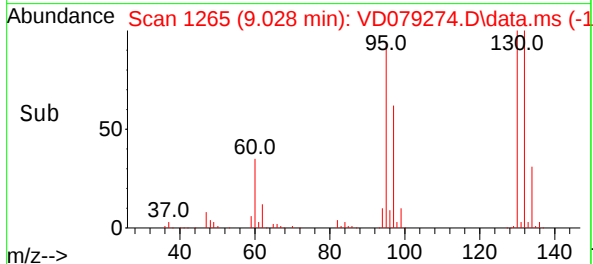
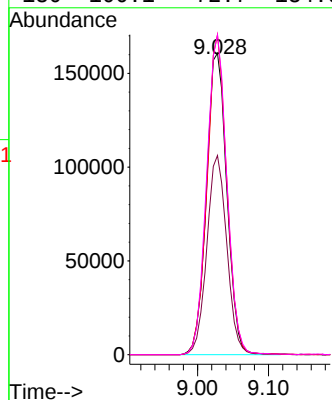
#34
Trichloroethene
Concen: 104.609 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 321922

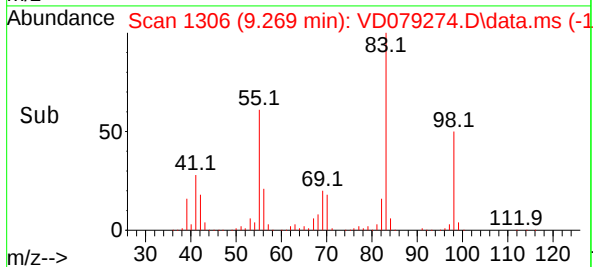
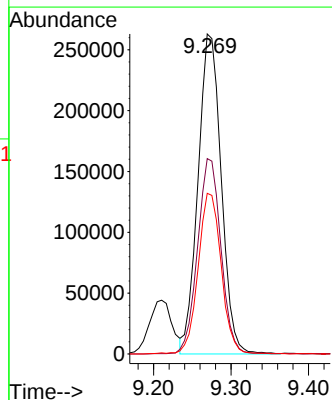
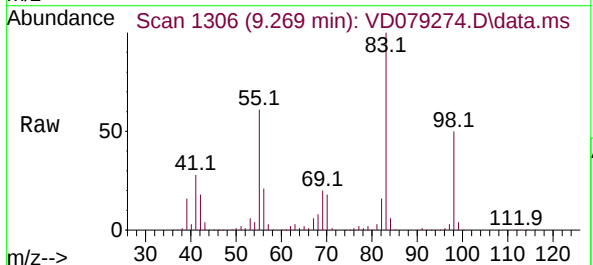
Ion	Ratio	Lower	Upper
95	100		
97	66.1	38.4	71.2
132	106.1	70.0	130.0
130	106.1	72.7	134.9

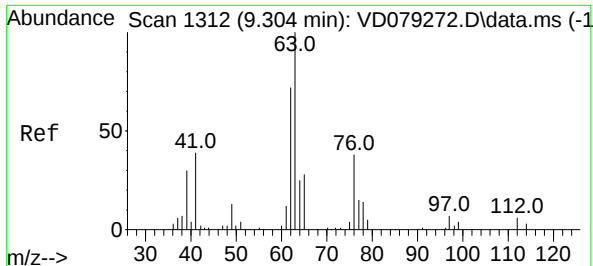


#35
Methylcyclohexane
Concen: 115.482 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion: 83 Resp: 547893

Ion	Ratio	Lower	Upper
83	100		
55	61.2	50.9	76.3
98	49.6	39.9	59.9

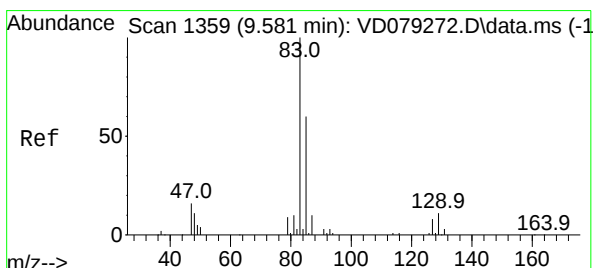
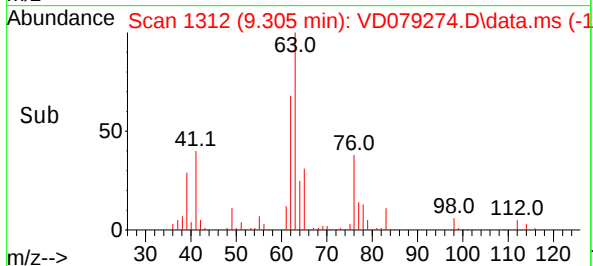
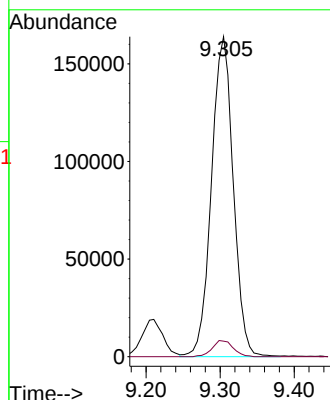
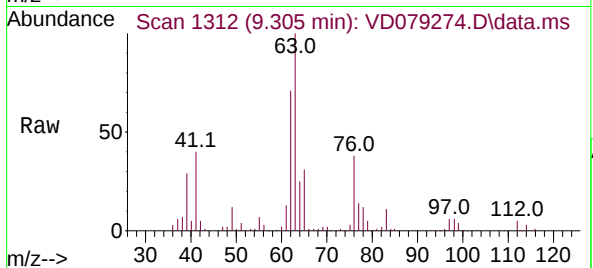




#37
1,2-Dichloropropane
Concen: 101.886 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

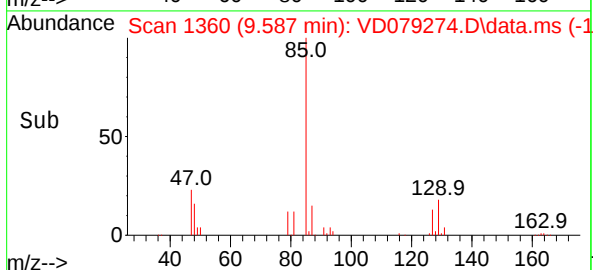
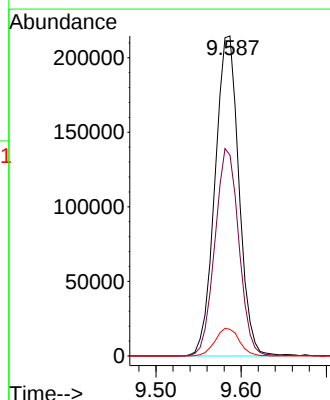
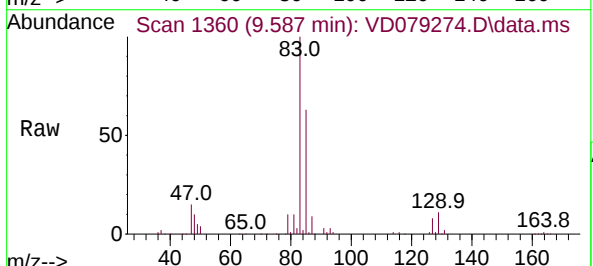
Instrument :
MSVOA_D
ClientSampleId :

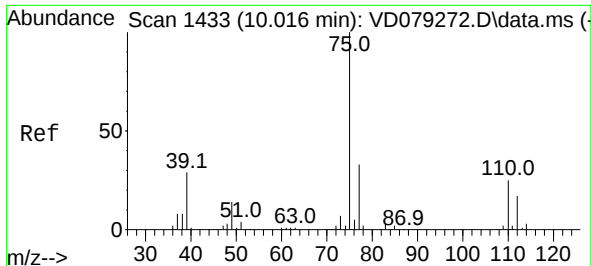
Tgt Ion: 63 Resp: 335180
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



#38
Bromodichloromethane
Concen: 99.464 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion: 83 Resp: 419121
Ion Ratio Lower Upper
83 100
85 62.8 41.8 77.6
127 8.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 114.687 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

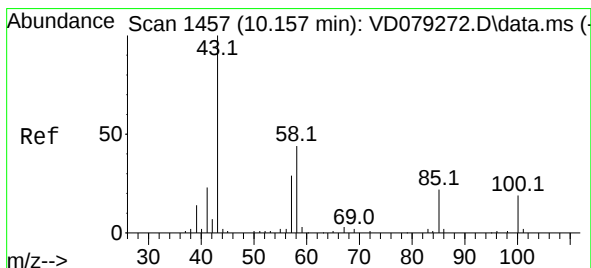
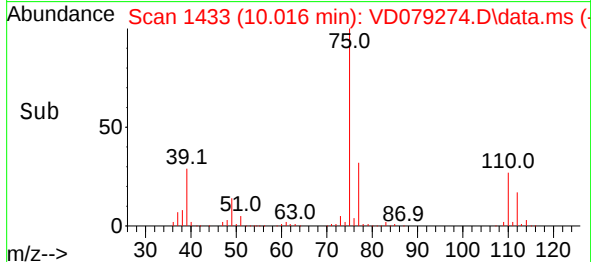
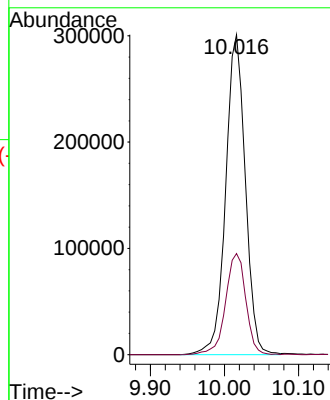
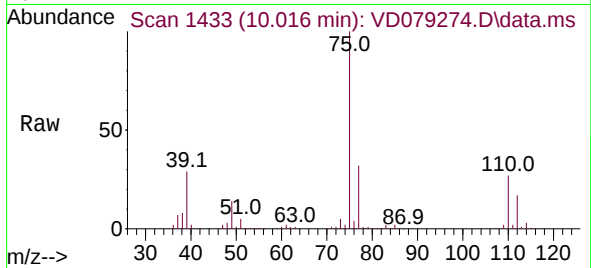
ClientSampleId :

Tgt Ion: 75 Resp: 553657

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 233.736 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

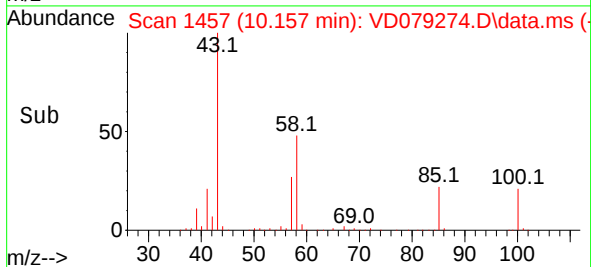
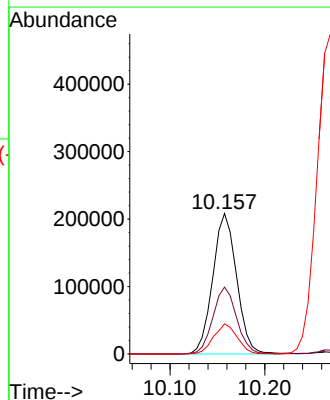
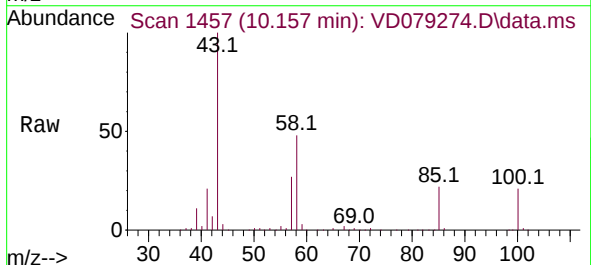
Tgt Ion: 43 Resp: 364501

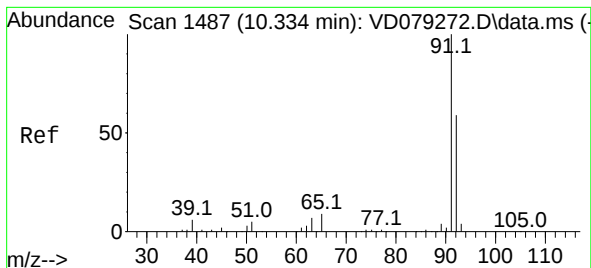
Ion Ratio Lower Upper

43 100

58 47.3 37.5 56.3

100 21.2 17.4 26.0





#42

Toluene

Concen: 113.994 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

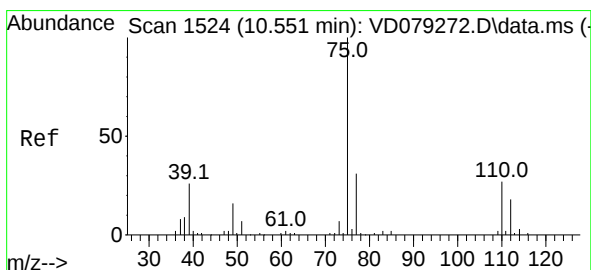
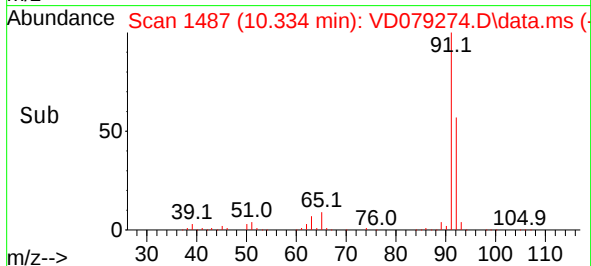
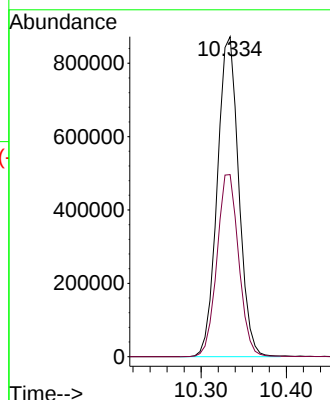
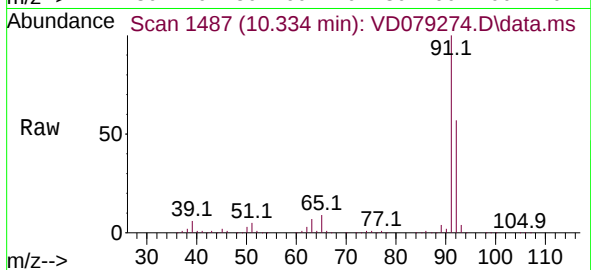
ClientSampleId :

Tgt Ion: 91 Resp: 1527298

Ion Ratio Lower Upper

91 100

92 56.9 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 113.306 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079274.D

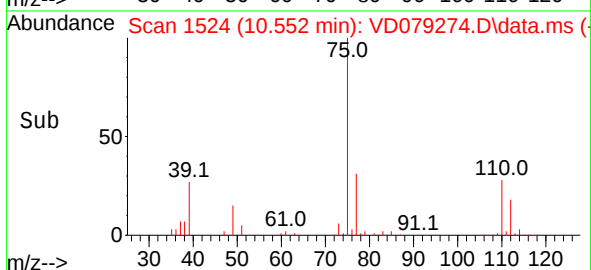
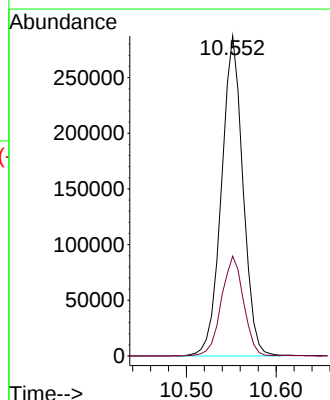
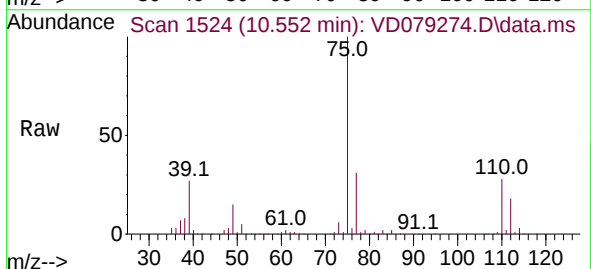
Acq: 27 Jun 2024 13:58

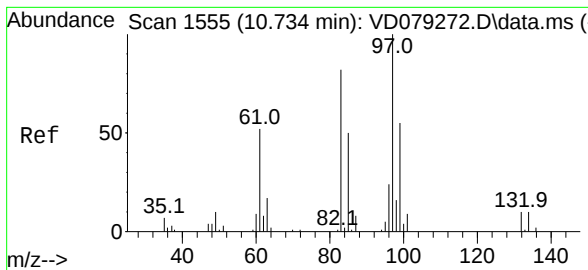
Tgt Ion: 75 Resp: 477932

Ion Ratio Lower Upper

75 100

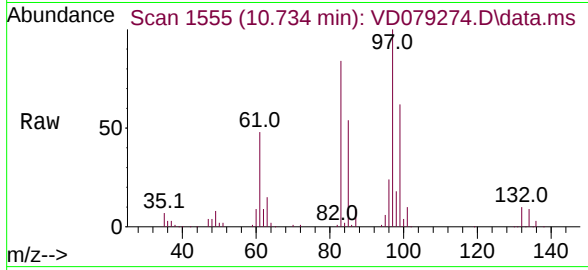
77 31.2 21.3 39.6



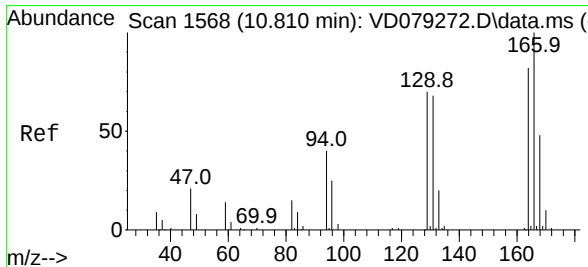
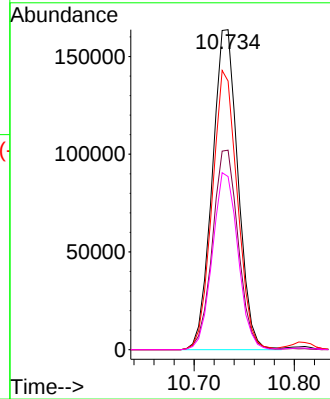
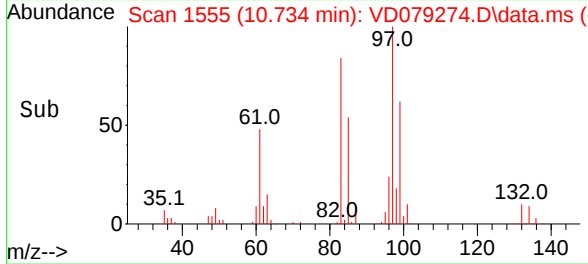


#45
1,1,2-Trichloroethane
Concen: 103.514 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

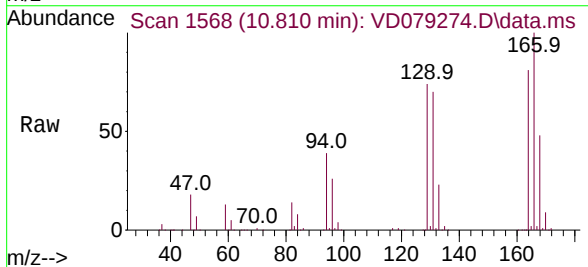
Instrument :
MSVOA_D
ClientSampleId :



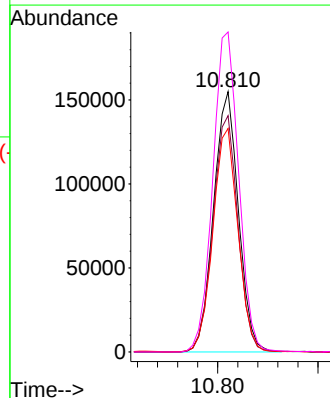
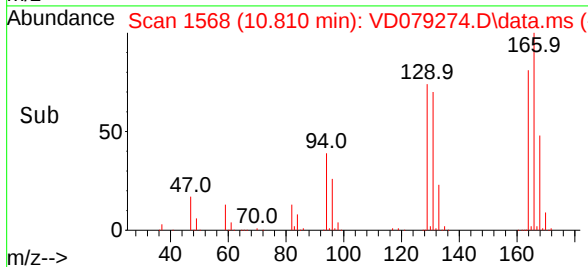
Tgt Ion:	97	Resp:	292613
Ion	Ratio	Lower	Upper
97	100		
99	62.4	38.7	71.9
83	83.9	57.1	106.1
85	54.1	35.1	65.3

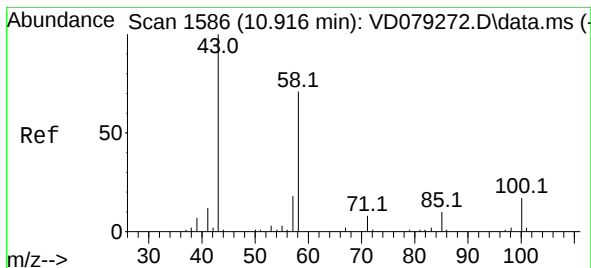


#46
Tetrachloroethene
Concen: 108.789 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58



Tgt Ion:	164	Resp:	266574
Ion	Ratio	Lower	Upper
164	100		
129	90.8	60.0	111.4
131	85.8	57.7	107.1
166	122.9	85.2	158.2





#48

2-Hexanone

Concen: 236.999 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

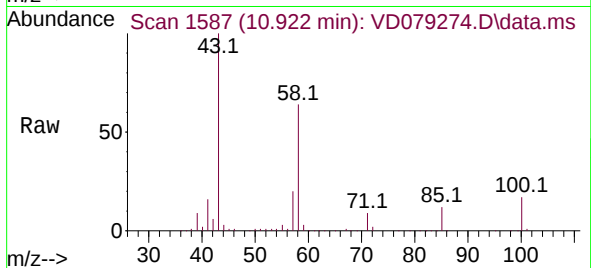
Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 269789

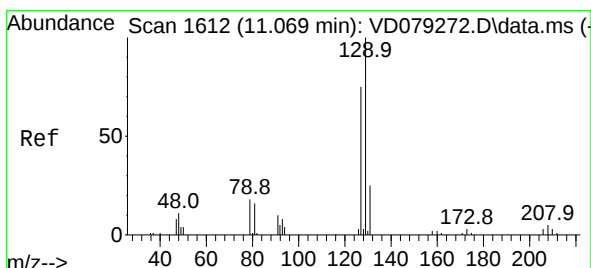
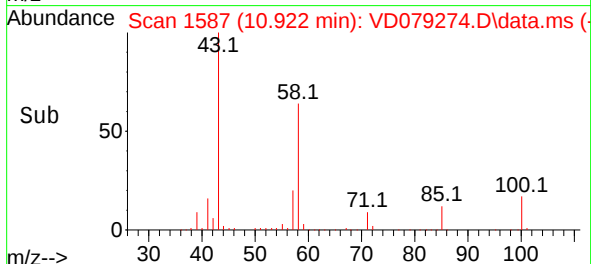
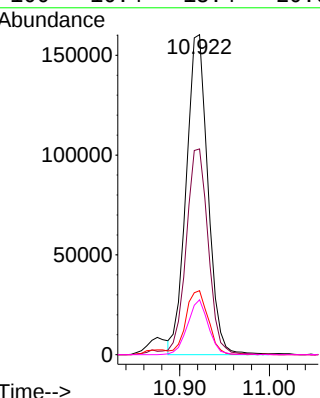
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

43	100		
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58	65.2	53.4	80.2
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57	20.6	15.0	22.4
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100	16.4	13.4	20.0
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#49

Dibromochloromethane

Concen: 107.236 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VD079274.D

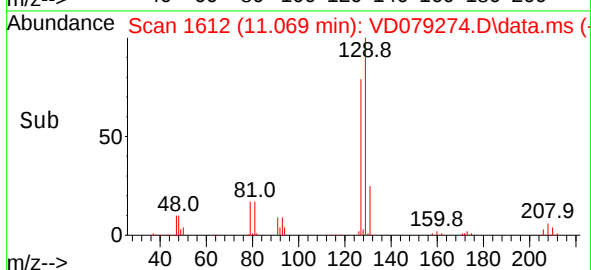
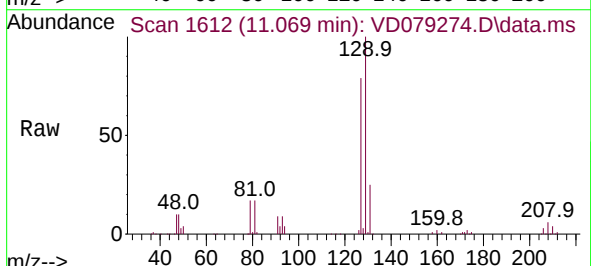
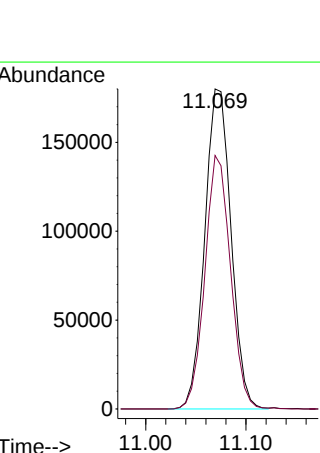
Acq: 27 Jun 2024 13:58

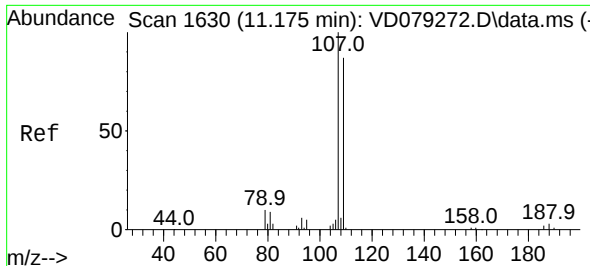
Tgt Ion:129 Resp: 327374

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

129	100		
-----	-----	--	--

127	79.2	52.2	97.0
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#50

1,2-Dibromoethane

Concen: 102.557 ug/L

RT: 11.175 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

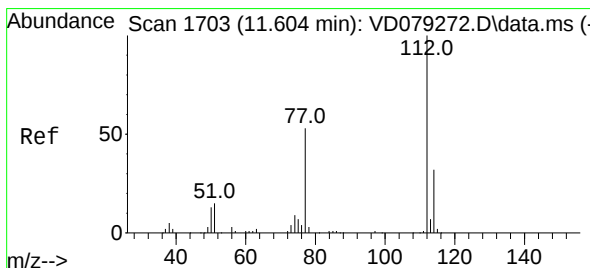
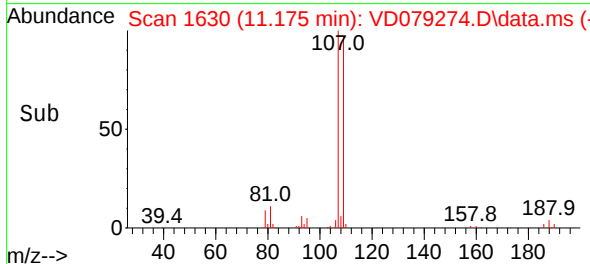
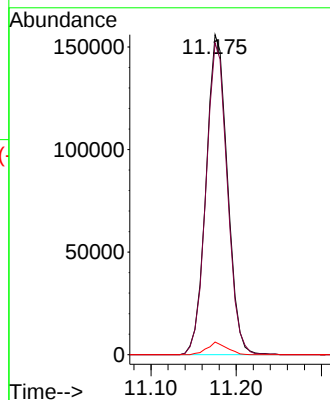
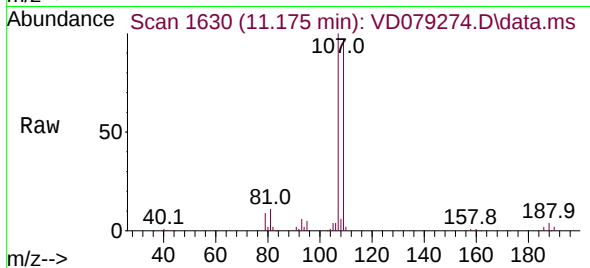
Tgt Ion:107 Resp: 272730

Ion Ratio Lower Upper

107 100

109 97.4 60.6 112.6

188 4.0 2.7 4.1



#51

Chlorobenzene

Concen: 106.943 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

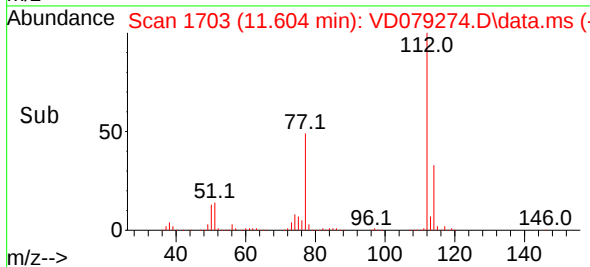
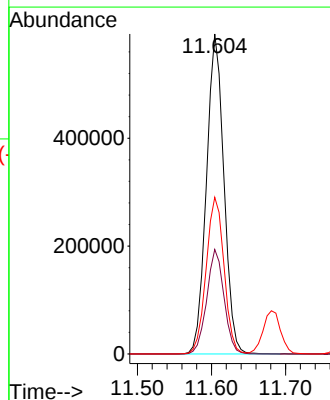
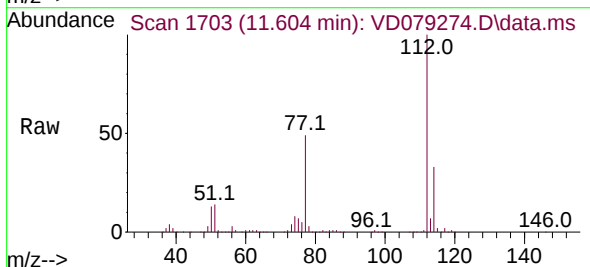
Tgt Ion:112 Resp: 970978

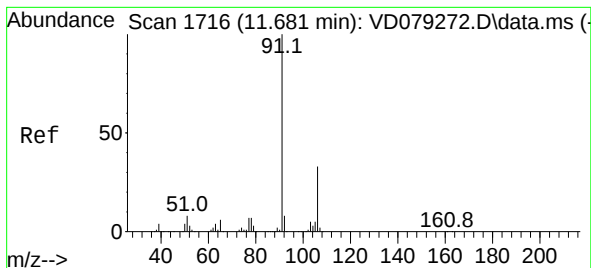
Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.7

77 49.0 42.6 64.0





#52

Ethylbenzene

Concen: 118.339 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

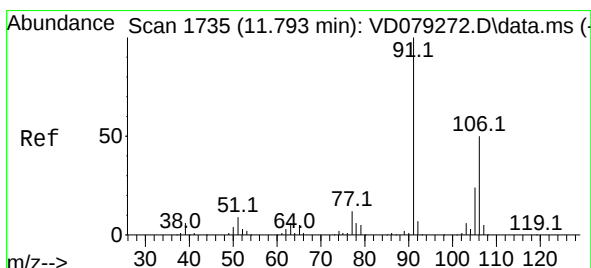
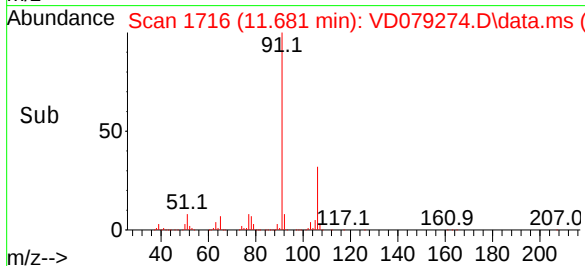
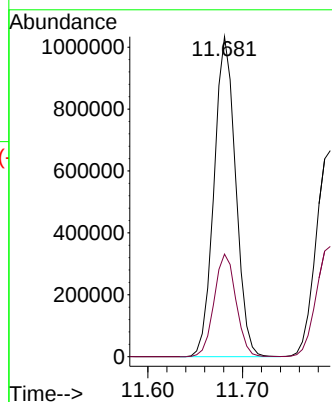
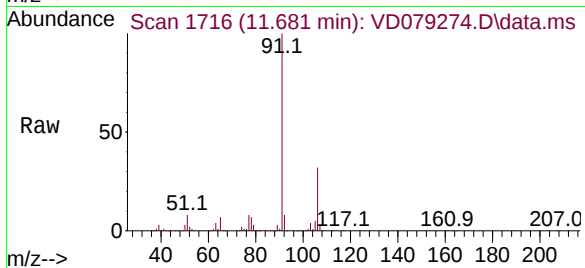
ClientSampleId :

Tgt Ion: 91 Resp: 1636386

Ion Ratio Lower Upper

91 100

106 32.1 22.8 42.4



#53

m,p-Xylene

Concen: 118.817 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079274.D

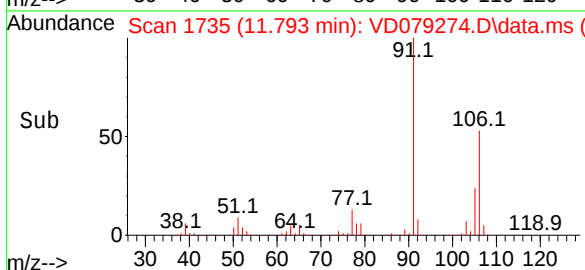
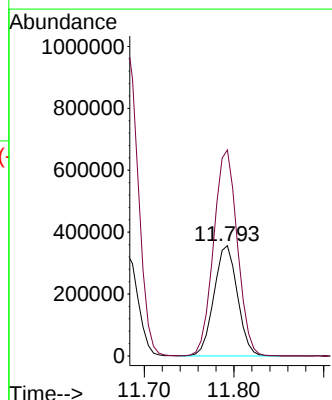
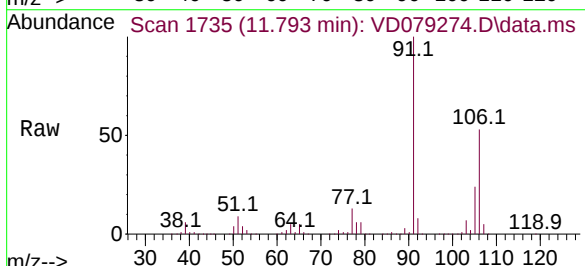
Acq: 27 Jun 2024 13:58

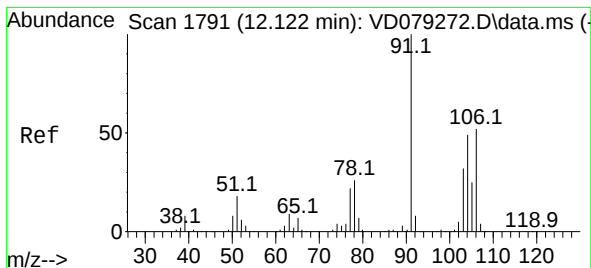
Tgt Ion:106 Resp: 647990

Ion Ratio Lower Upper

106 100

91 186.9 138.9 257.9





#54

o-Xylene

Concen: 122.951 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

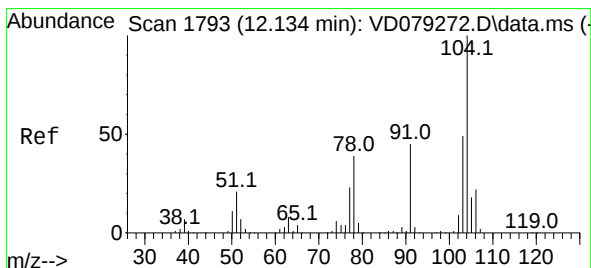
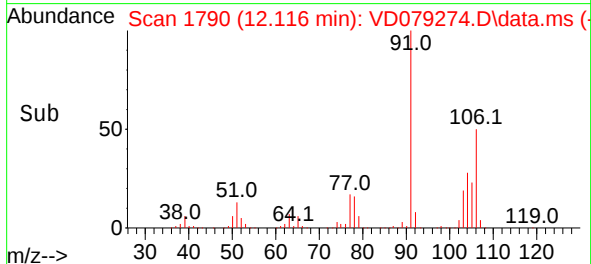
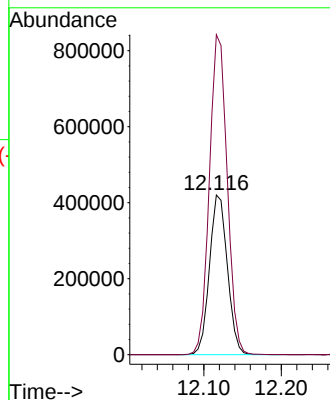
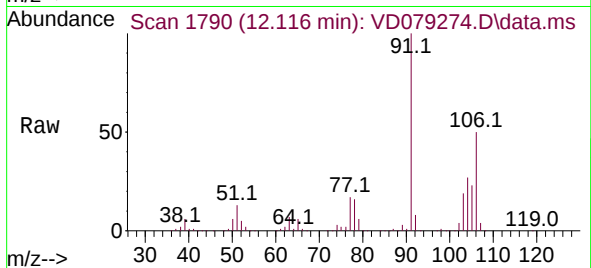
ClientSampleId :

Tgt Ion:106 Resp: 673930

Ion Ratio Lower Upper

106 100

91 200.4 135.6 251.8



#55

Styrene

Concen: 123.684 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079274.D

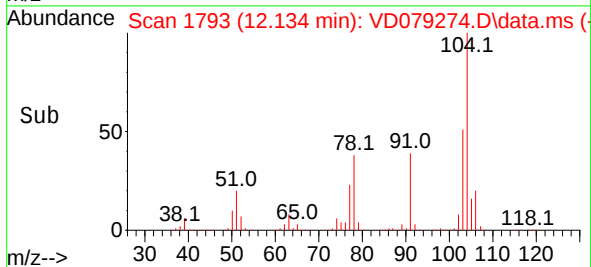
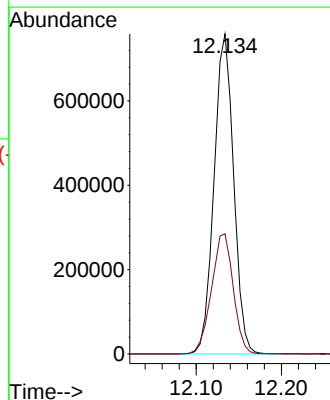
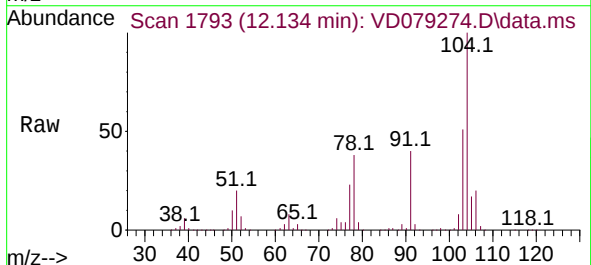
Acq: 27 Jun 2024 13:58

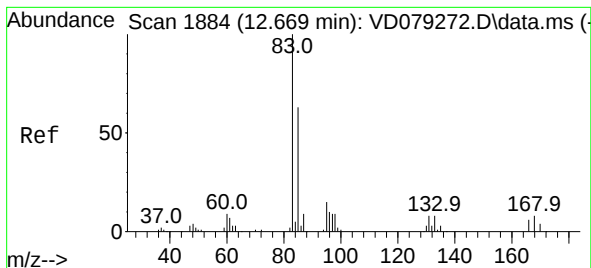
Tgt Ion:104 Resp: 1212516

Ion Ratio Lower Upper

104 100

78 37.6 27.4 50.8

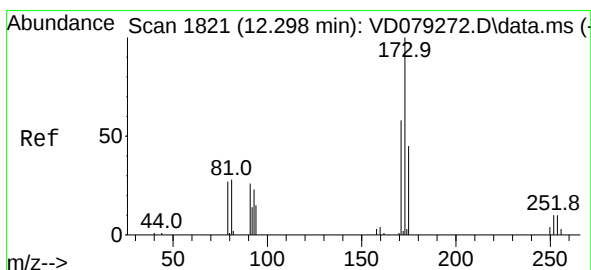
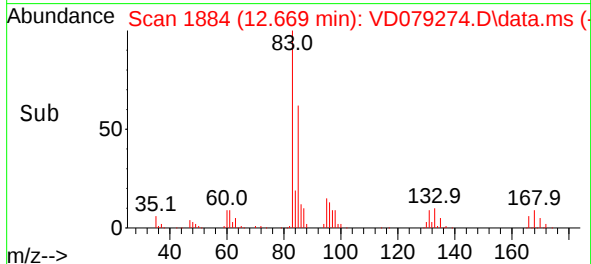
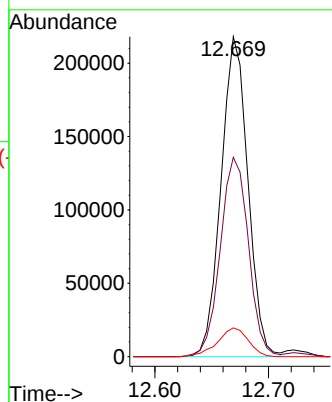
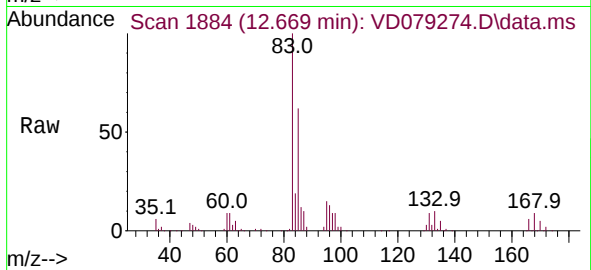




#57
1,1,2,2-Tetrachloroethane
Concen: 103.853 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

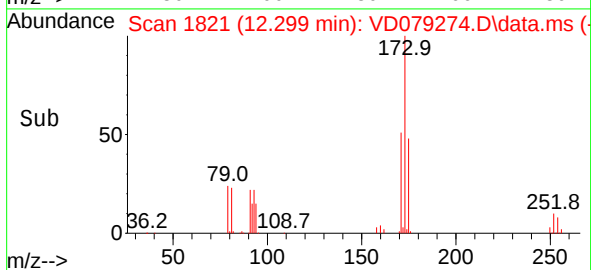
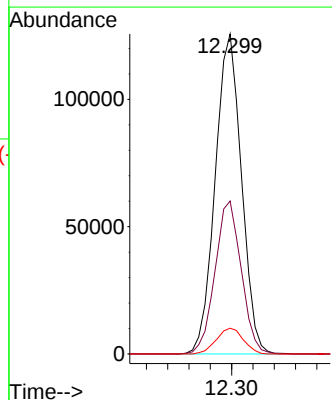
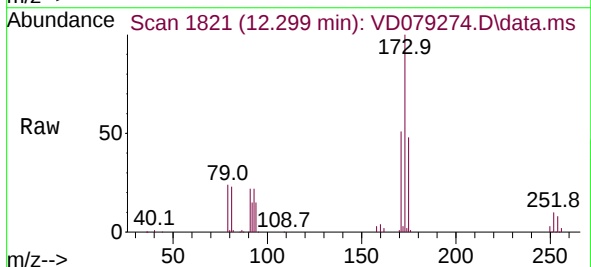
Instrument :
MSVOA_D
ClientSampleId :

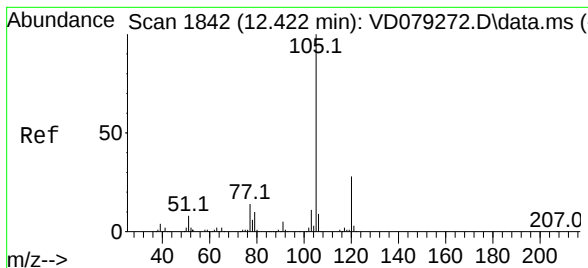
Tgt Ion: 83 Resp: 357997
Ion Ratio Lower Upper
83 100
85 62.3 44.0 81.8
131 9.0 6.0 9.0#



#59
Bromoform
Concen: 102.060 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion:173 Resp: 214740
Ion Ratio Lower Upper
173 100
175 47.8 39.1 58.7
254 8.3 7.3 10.9





#60

Isopropylbenzene

Concen: 118.426 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

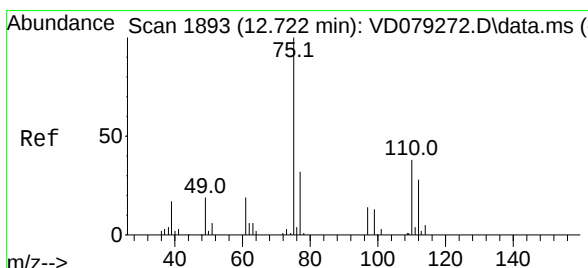
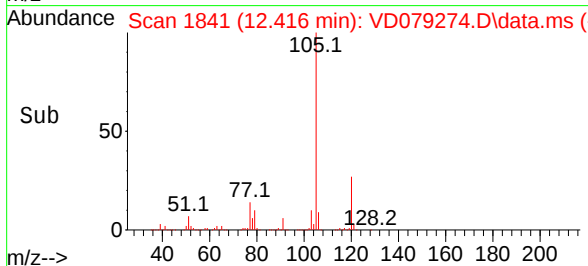
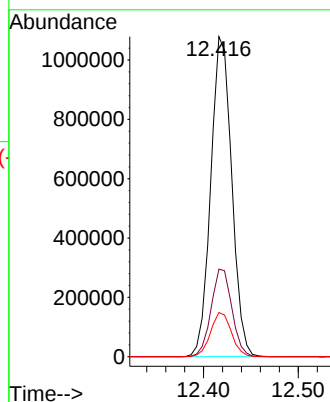
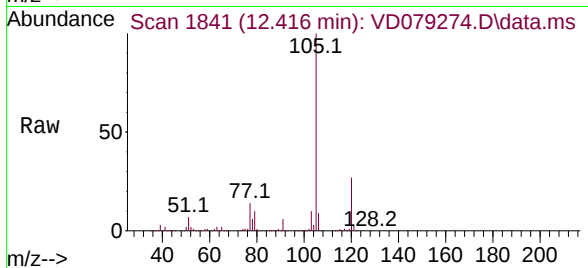
Tgt Ion:105 Resp: 1657131

Ion Ratio Lower Upper

105 100

120 27.2 21.9 32.9

77 13.7 11.2 16.8



#61

1,2,3-Trichloropropane

Concen: 98.971 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

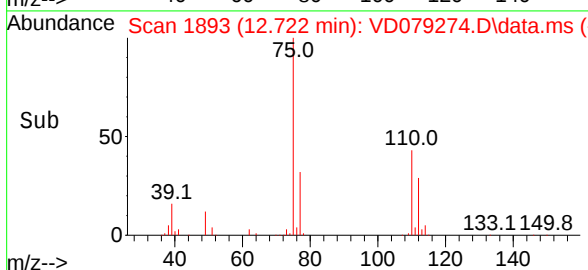
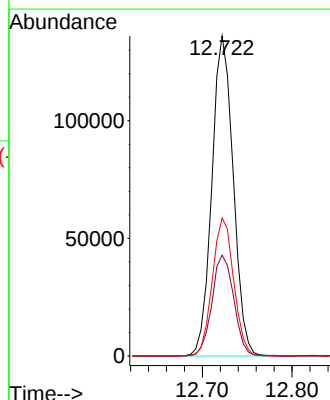
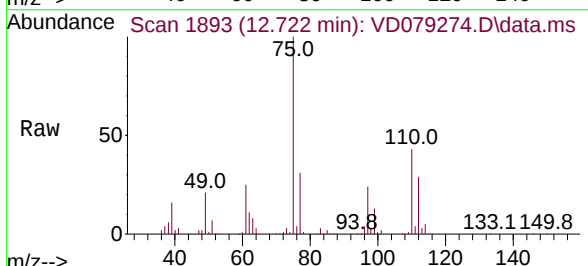
Tgt Ion: 75 Resp: 225089

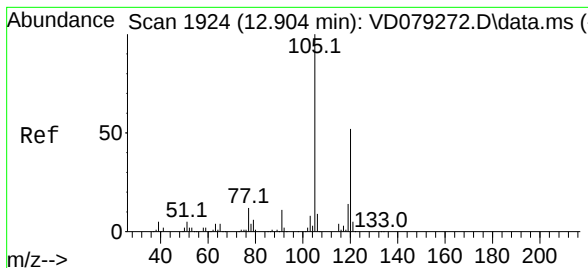
Ion Ratio Lower Upper

75 100

77 32.0 27.3 40.9

110 43.0 34.0 51.0

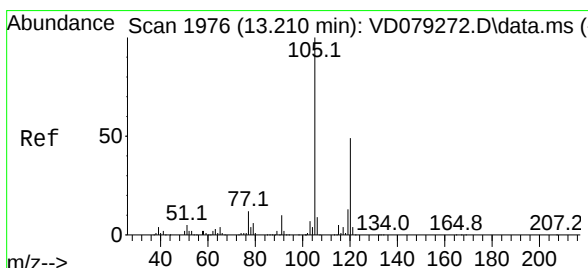
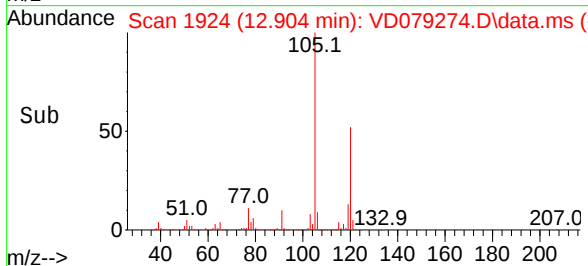
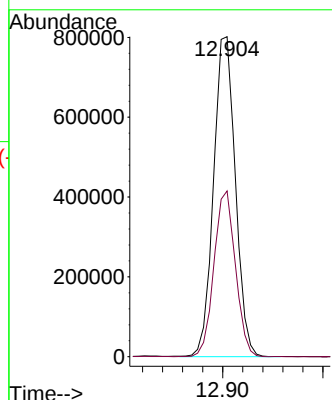
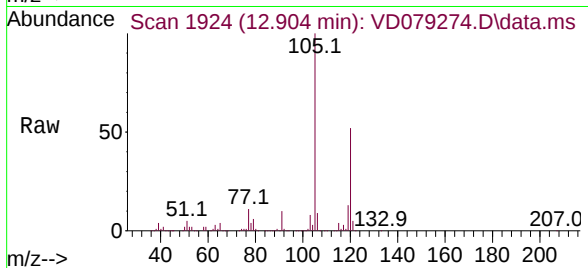




#62
1,3,5-Trimethylbenzene
Concen: 121.727 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

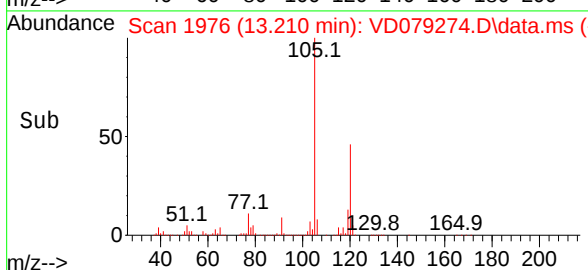
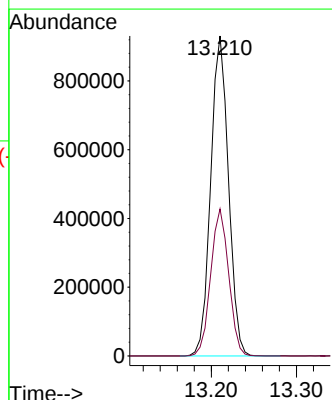
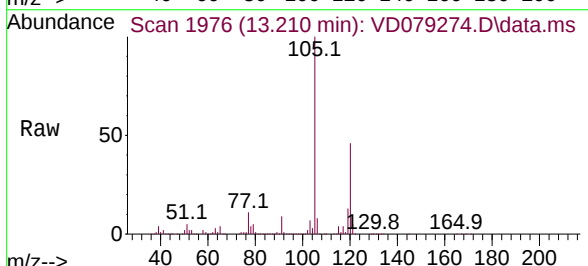
Instrument :
MSVOA_D
ClientSampleId :

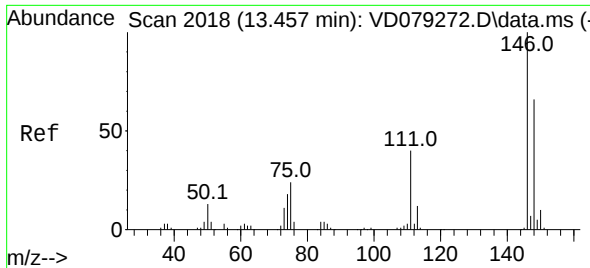
Tgt Ion:105 Resp: 1211987
Ion Ratio Lower Upper
105 100
120 50.8 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 124.164 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion:105 Resp: 1346004
Ion Ratio Lower Upper
105 100
120 46.6 38.1 57.1

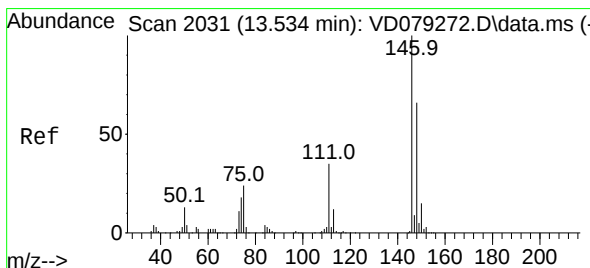
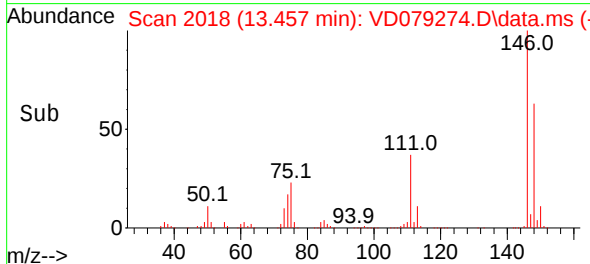
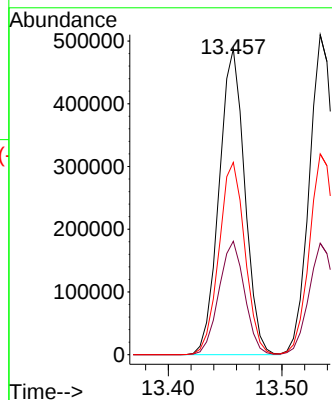
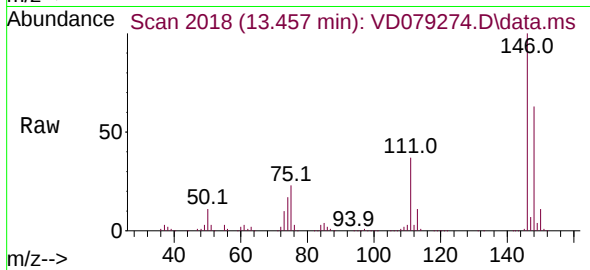




#64
1,3-Dichlorobenzene
Concen: 108.861 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

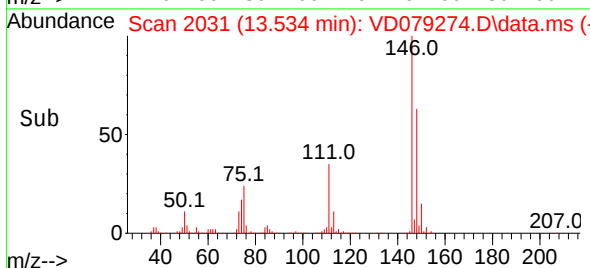
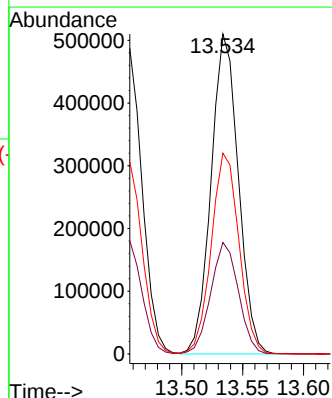
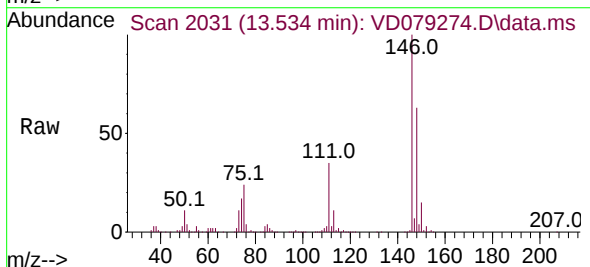
Instrument :
MSVOA_D
ClientSampleId :

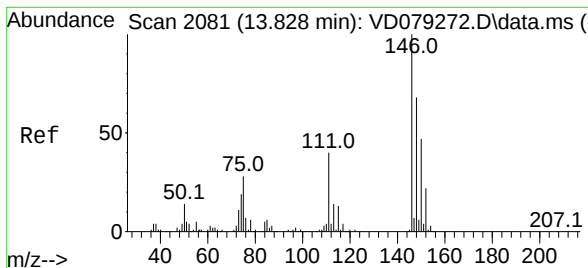
Tgt Ion:146 Resp: 764813
Ion Ratio Lower Upper
146 100
111 37.1 27.7 51.5
148 62.9 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 107.472 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion:146 Resp: 796174
Ion Ratio Lower Upper
146 100
111 34.9 24.8 46.1
148 62.7 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 109.688 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

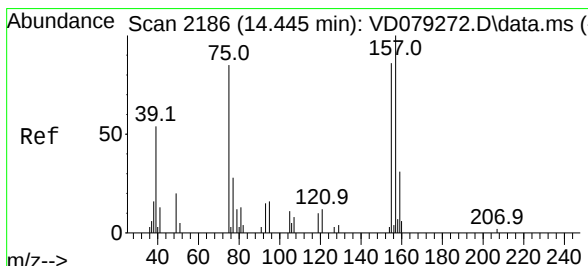
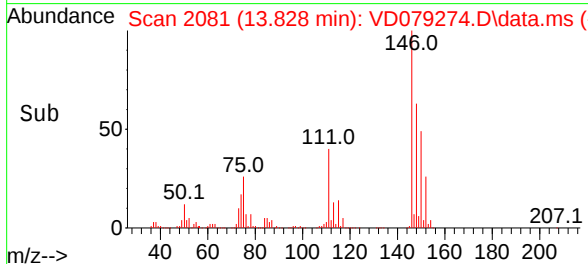
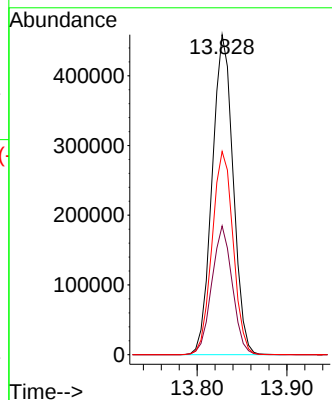
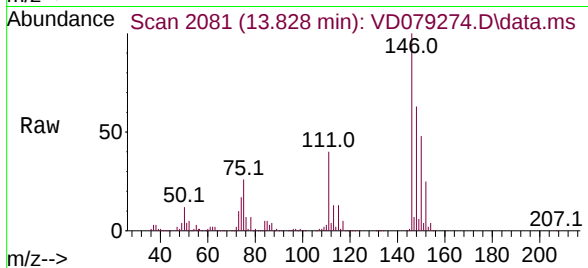
Tgt Ion:146 Resp: 744415

Ion Ratio Lower Upper

146 100

111 40.3 31.9 47.9

148 63.5 54.2 81.4



#68

1,2-Dibromo-3-chloropropane

Concen: 101.467 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

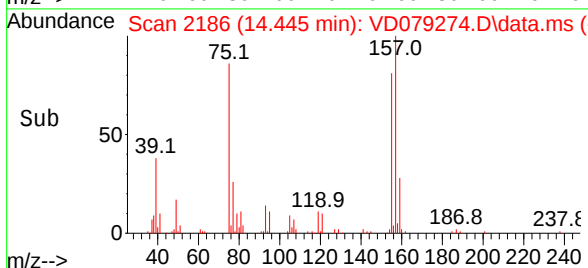
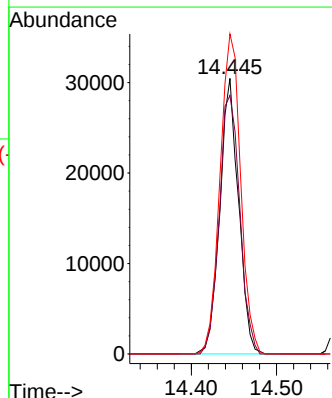
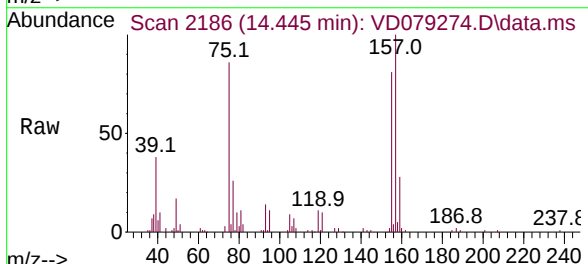
Tgt Ion: 75 Resp: 46395

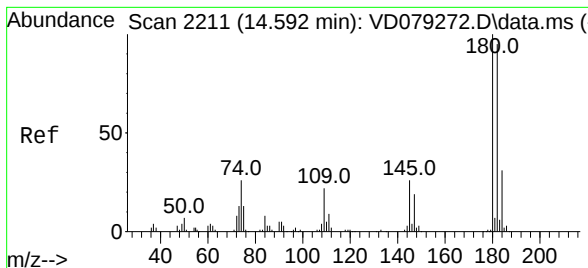
Ion Ratio Lower Upper

75 100

155 93.9 80.5 120.7

157 116.2 93.6 140.4





#69

1,3,5-Trichlorobenzene

Concen: 111.113 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

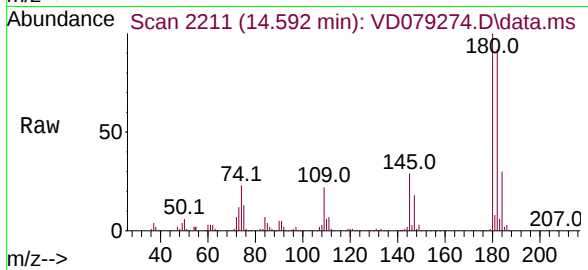
Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 487230

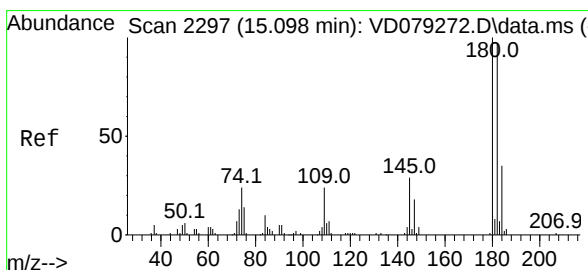
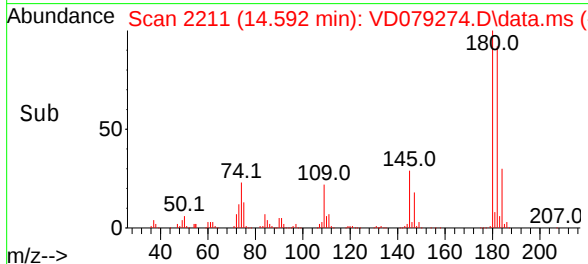
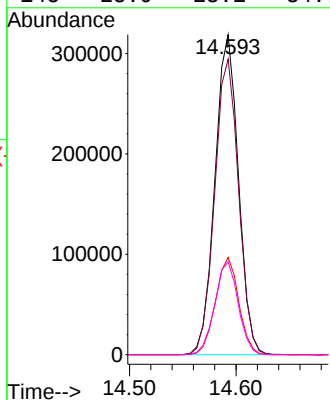
Ion Ratio Lower Upper

180 100

182 94.0 76.5 114.7

184 30.1 23.8 35.8

145 28.9 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 117.262 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079274.D

Acq: 27 Jun 2024 13:58

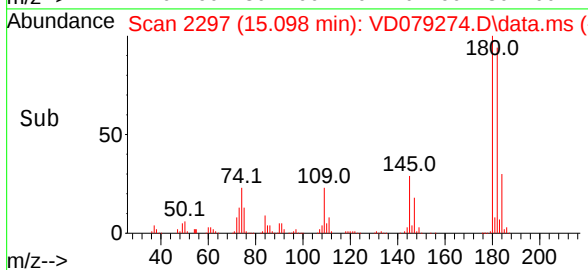
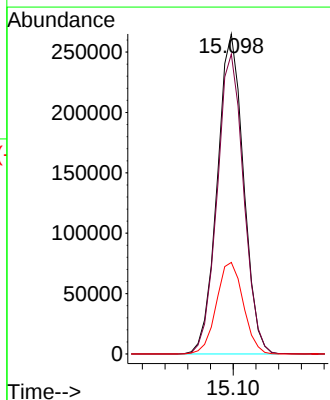
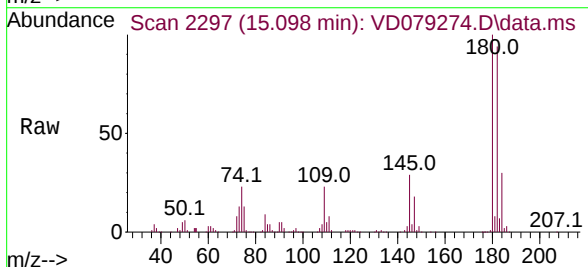
Tgt Ion:180 Resp: 426349

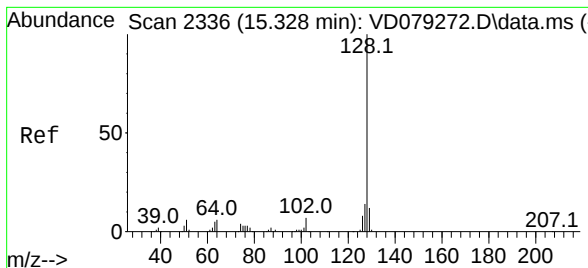
Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

145 29.2 22.6 33.8

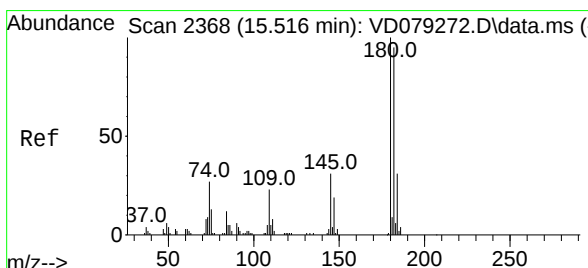
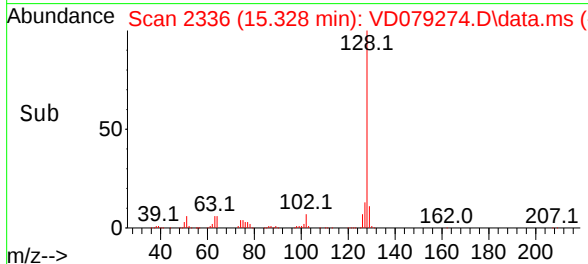
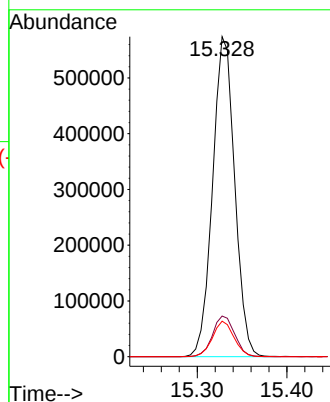
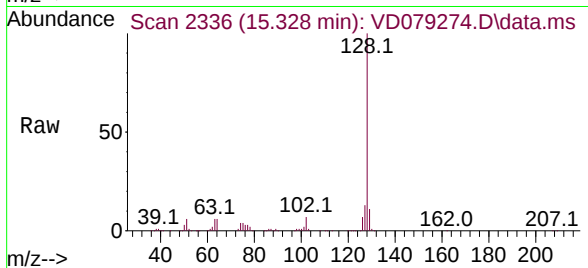




#71
Naphthalene
Concen: 124.413 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 981927
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 10.8 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 116.030 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079274.D
Acq: 27 Jun 2024 13:58

Tgt Ion:180 Resp: 401062
Ion Ratio Lower Upper
180 100
182 93.9 76.0 114.0
145 30.8 25.0 37.4

