

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062724\
 Data File : VD079270.D
 Acq On : 27 Jun 2024 12:08
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 06:01:38 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	168226	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	171922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	77657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	10954	2.281	ug/L	0.00
7) Chloroethane-d5	2.793	69	9856	2.327	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.905	65	1913	2.025	ug/L	0.00
21) 2-Butanone-d5	6.993	46	779	1.380	ug/L	0.00
24) Chloroform-d	7.569	84	12568	2.432	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	6165	2.490	ug/L	0.00
32) Benzene-d6	8.193	84	22417	2.158	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	6982	2.239	ug/L	0.00
41) Toluene-d8	10.263	98	18406	1.958	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	3075	2.261	ug/L	0.00
47) 2-Hexanone-d5	10.869	63	2040	4.006	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	7416	2.433	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	7029	2.332	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	6712	2.310	ug/L	99
3) Chloromethane	2.146	50	9800	2.404	ug/L #	73
5) Vinyl chloride	2.275	62	13105	2.428	ug/L	88
6) Bromomethane	2.693	94	8264	2.242	ug/L	84
8) Chloroethane	2.834	64	9176	2.548	ug/L	97
9) Trichlorofluoromethane	3.169	101	9616	2.394	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	4609	1.796	ug/L #	72
12) 1,1-Dichloroethene	3.928	96	5089	2.187	ug/L	89
13) Acetone	4.022	43	1836	4.270	ug/L	50
14) Carbon disulfide	4.264	76	19617	2.332	ug/L	95
15) Methyl Acetate	4.569	43	2443	2.396	ug/L #	58
16) Methylene chloride	4.799	84	16997	4.046	ug/L	94
17) trans-1,2-Dichloroethene	5.311	96	4003	1.553	ug/L	79
18) Methyl tert-butyl Ether	5.316	73	5550	1.047	ug/L	96
19) 1,1-Dichloroethane	6.105	63	10450	2.413	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	6224	2.154	ug/L	81
22) 2-Butanone	7.081	43	1776	2.777	ug/L	96
23) Bromochloromethane	7.428	128	2594	1.778	ug/L	85
25) Chloroform	7.587	83	12009	2.455	ug/L	93
27) 1,2-Dichloroethane	8.328	62	6291	2.257	ug/L #	92
29) Cyclohexane	7.875	56	5191	1.714	ug/L	85
30) 1,1,1-Trichloroethane	7.793	97	9040	2.427	ug/L	96
31) Carbon tetrachloride	7.993	117	8065	2.400	ug/L	98
33) Benzene	8.246	78	22399	2.085	ug/L	100
34) Trichloroethene	9.028	95	6237	2.376	ug/L	86
35) Methylcyclohexane	9.269	83	8197	2.025	ug/L #	78
37) 1,2-Dichloropropane	9.299	63	6704	2.389	ug/L #	85
38) Bromodichloromethane	9.587	83	8674	2.413	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	8362	2.030	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	5286	3.973	ug/L	88
42) Toluene	10.334	91	22139	1.937	ug/L	94
44) trans-1,3-Dichloropropene	10.551	75	7617	2.117	ug/L	95

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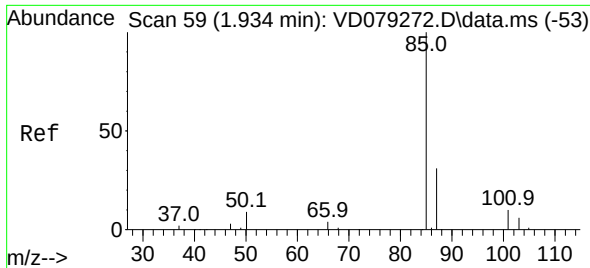
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 06:01:38 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)

45) 1,1,2-Trichloroethane	10.728	97	5317	2.205	ug/L	85
46) Tetrachloroethene	10.798	164	4422	2.115	ug/L #	82
48) 2-Hexanone	10.922	43	3831	3.945	ug/L #	86
49) Dibromochloromethane	11.069	129	5590	2.146	ug/L	89
50) 1,2-Dibromoethane	11.181	107	5498	2.423	ug/L #	94
51) Chlorobenzene	11.604	112	17880	2.308	ug/L	95
52) Ethylbenzene	11.681	91	22573	1.913	ug/L	98
53) m,p-Xylene	11.793	106	8570	1.842	ug/L	78
54) o-Xylene	12.122	106	8908	1.905	ug/L	70
55) Styrene	12.134	104	14298	1.710	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	6457	2.196	ug/L #	93
59) Bromoform	12.293	173	3756	2.465	ug/L #	95
60) Isopropylbenzene	12.422	105	18869	1.862	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	3895	2.365	ug/L #	70
62) 1,3,5-Trimethylbenzene	12.904	105	14566	2.020	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	14096	1.795	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	11846	2.328	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	11888	2.216	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	11127	2.264	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	7581	2.387	ug/L	88
70) 1,2,4-trichlorobenzene	15.092	180	5740	2.180	ug/L	93
71) Naphthalene	15.328	128	11938	2.088	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	5448	2.176	ug/L	97

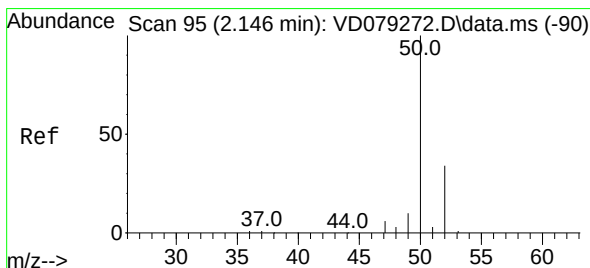
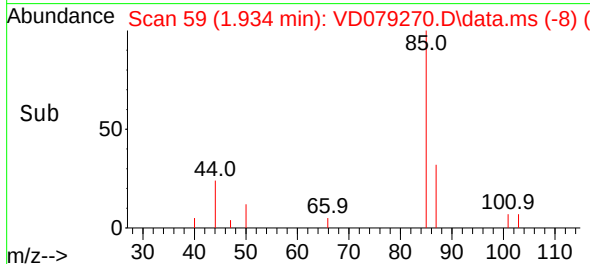
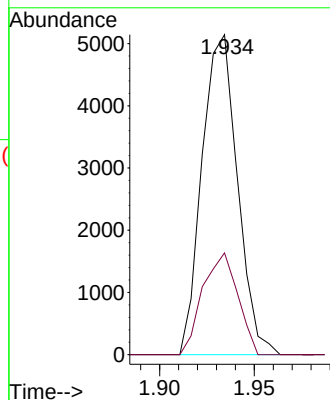
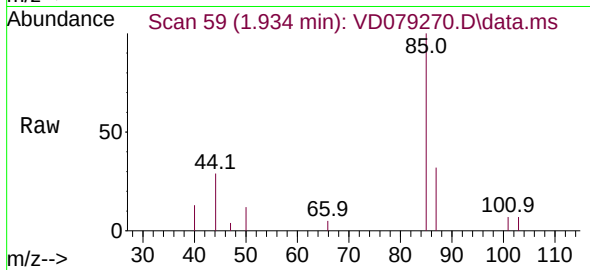
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.310 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079270.D
 Acq: 27 Jun 2024 12:08

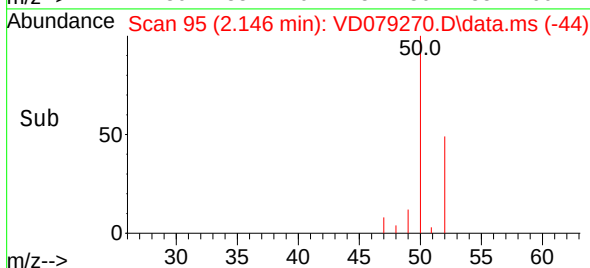
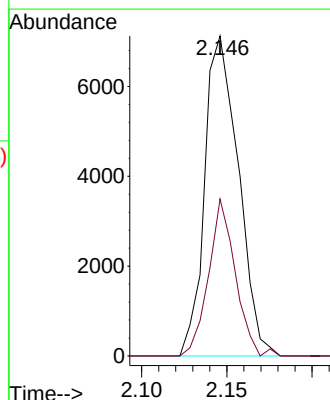
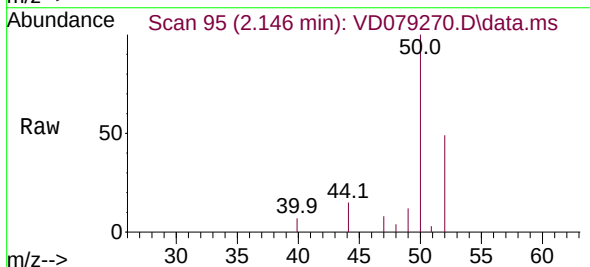
Instrument :
 MSVOA_D
 ClientSampleId :

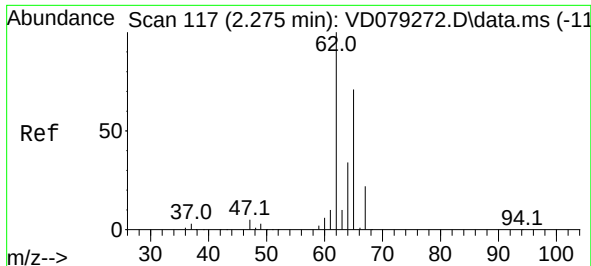
Tgt Ion: 85 Resp: 6712
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.6 38.4



#3
 Chloromethane
 Concen: 2.404 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079270.D
 Acq: 27 Jun 2024 12:08

Tgt Ion: 50 Resp: 9800
 Ion Ratio Lower Upper
 50 100
 52 49.1 23.7 44.1#

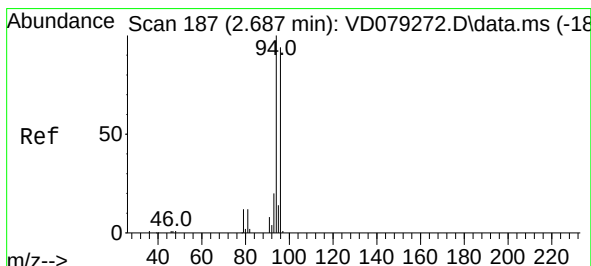
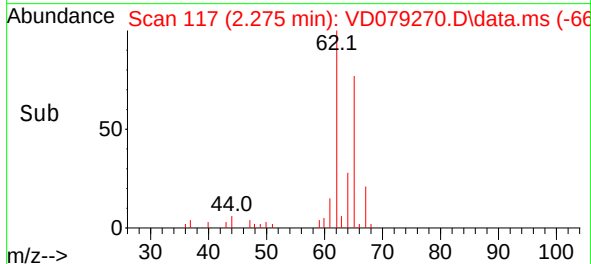
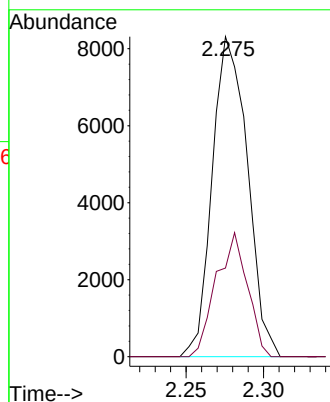
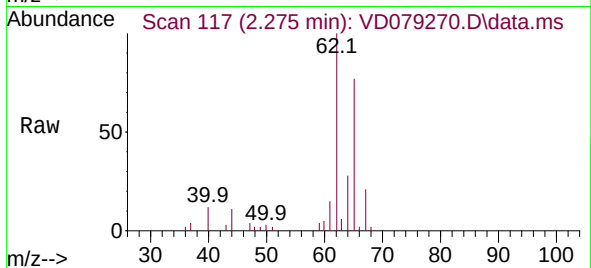




#5
Vinyl chloride
Concen: 2.428 ug/L
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

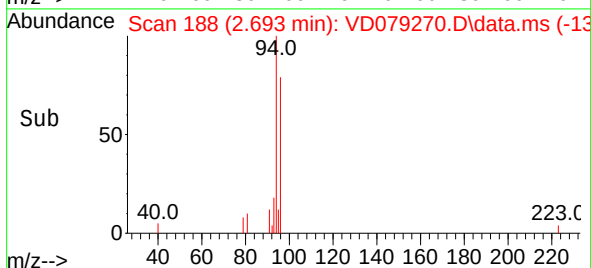
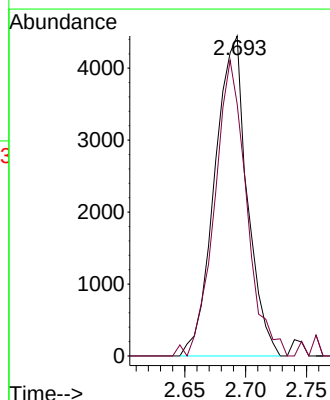
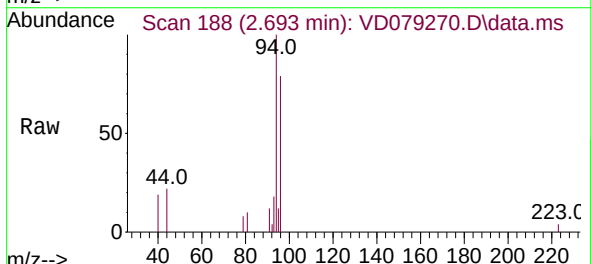
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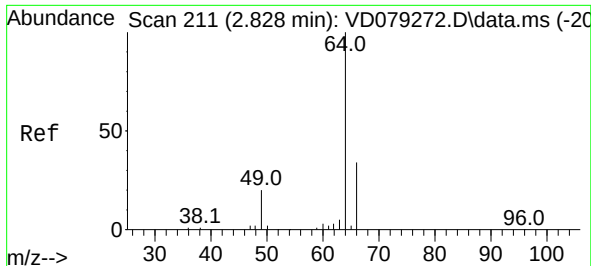
Tgt Ion: 62 Resp: 13105
Ion Ratio Lower Upper
62 100
64 27.7 24.1 44.7



#6
Bromomethane
Concen: 2.242 ug/L
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Tgt Ion: 94 Resp: 8264
Ion Ratio Lower Upper
94 100
96 78.8 65.9 122.5

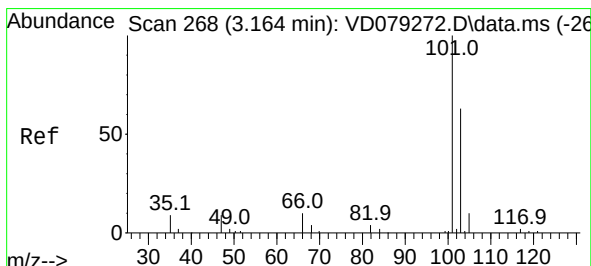
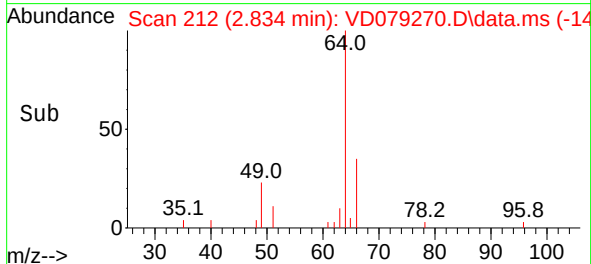
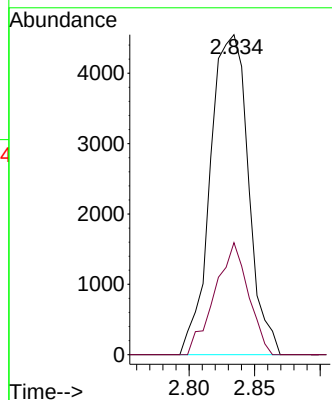
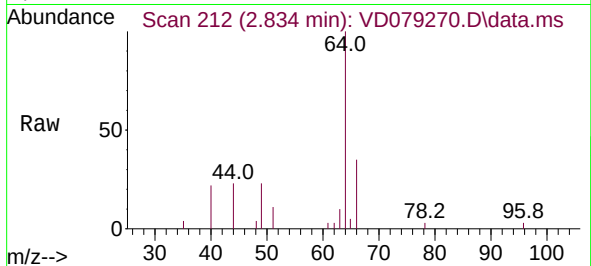




#8
Chloroethane
Concen: 2.548 ug/L
RT: 2.834 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

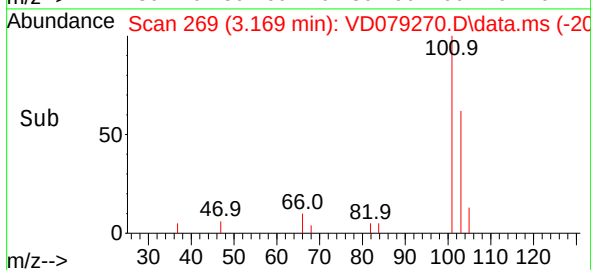
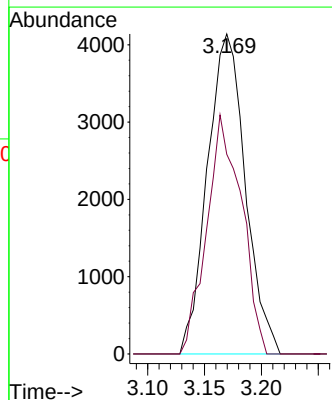
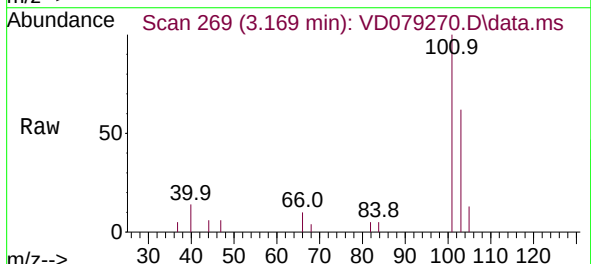
Instrument :
MSVOA_D
ClientSampleId :

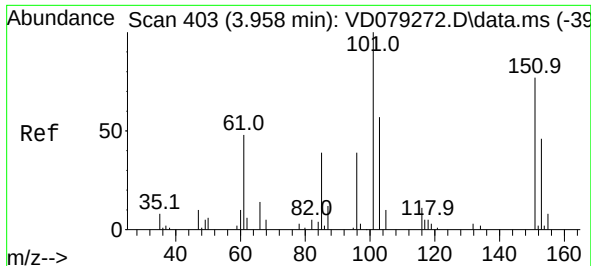
Tgt Ion: 64 Resp: 9176
Ion Ratio Lower Upper
64 100
66 35.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 2.394 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Tgt Ion:101 Resp: 9616
Ion Ratio Lower Upper
101 100
103 68.4 52.6 79.0





#10

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

Concen: 1.796 ug/L

RT: 3.958 min Scan# 403

Delta R.T. -0.000 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

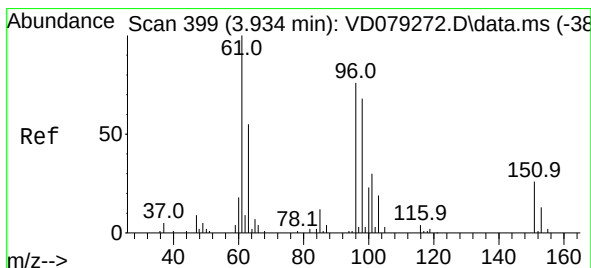
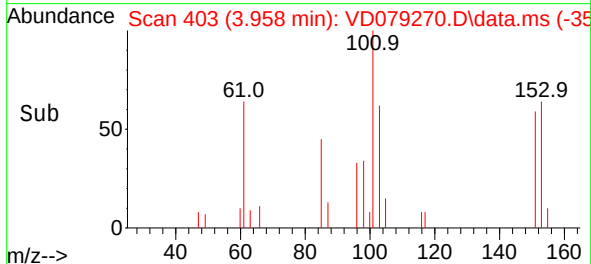
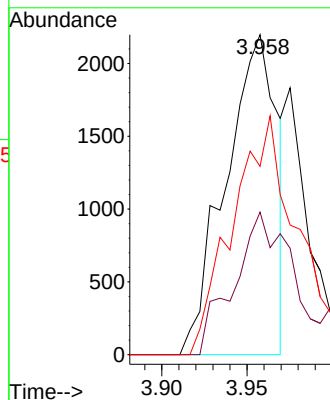
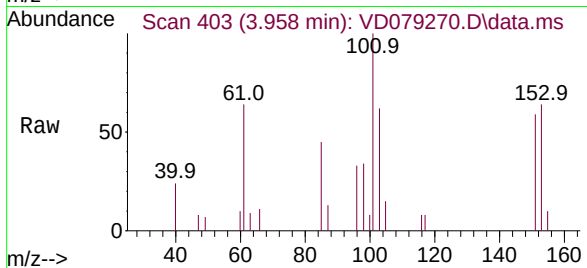
Tgt Ion:101 Resp: 4609

Ion Ratio Lower Upper

101 100

85 13.0 33.0 49.6#

151 93.1 61.7 92.5#



#12

1,1-Dichloroethene

Concen: 2.187 ug/L

RT: 3.928 min Scan# 398

Delta R.T. -0.006 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

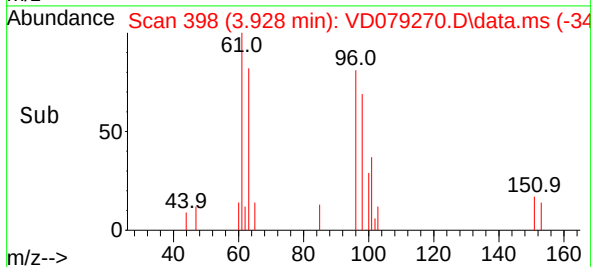
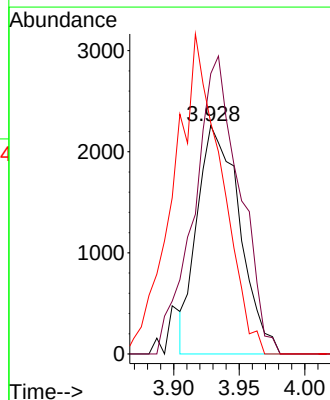
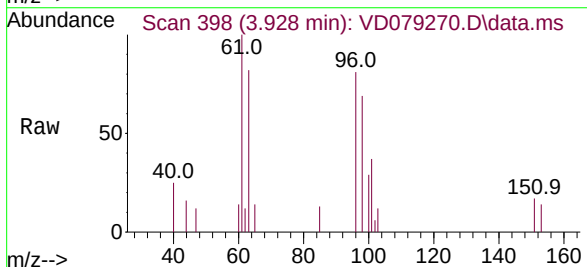
Tgt Ion: 96 Resp: 5089

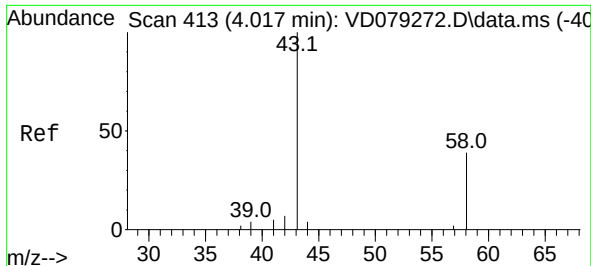
Ion Ratio Lower Upper

96 100

61 122.8 93.7 173.9

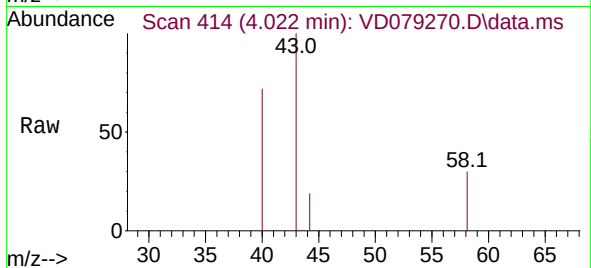
63 101.2 61.2 113.8



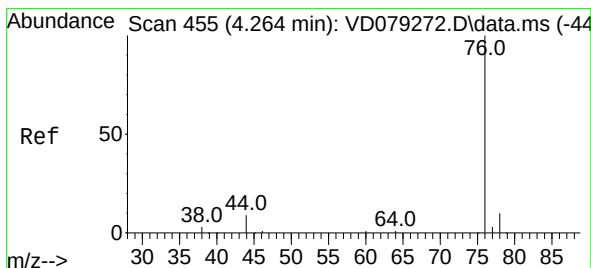
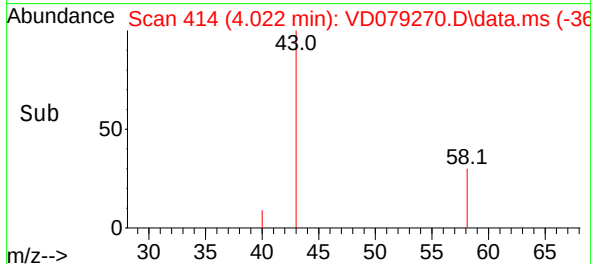
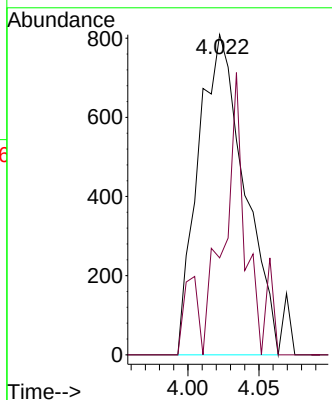


#13
Acetone
Concen: 4.270 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :

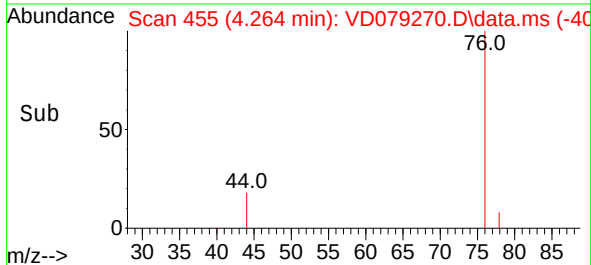
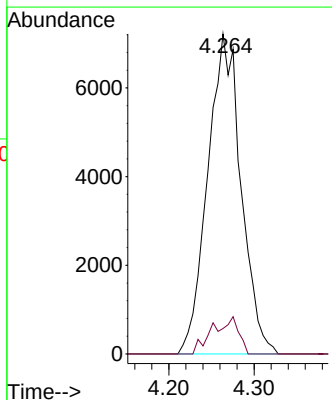
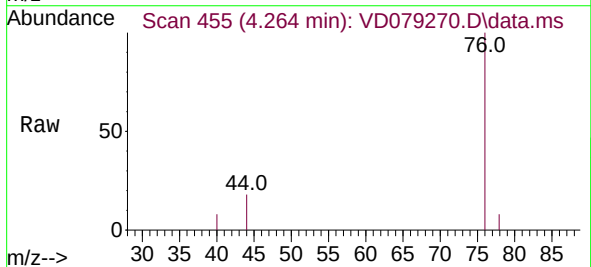


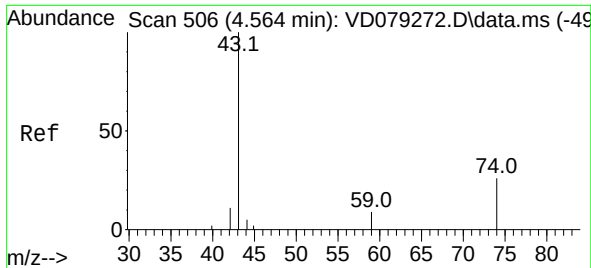
Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
58 9.9 0.0 81.4



#14
Carbon disulfide
Concen: 2.332 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Tgt Ion: 76 Resp: 19617
Ion Ratio Lower Upper
76 100
78 7.9 7.8 11.6

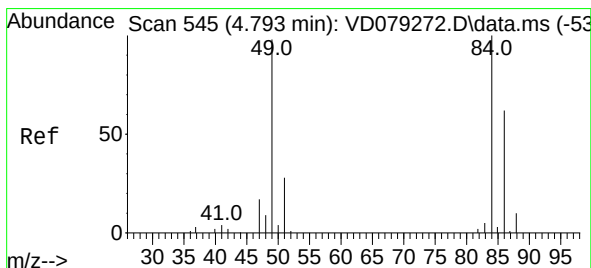
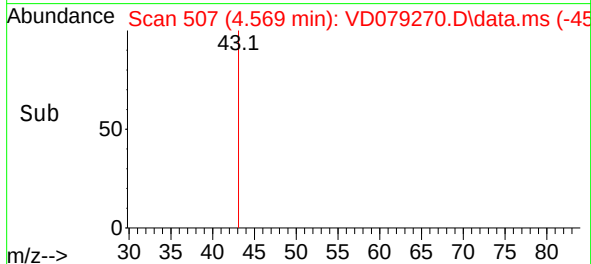
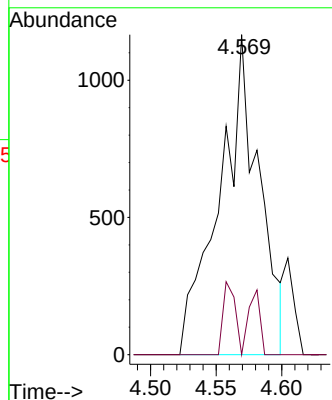
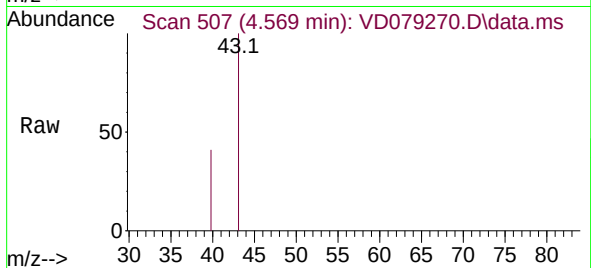




#15
Methyl Acetate
Concen: 2.396 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

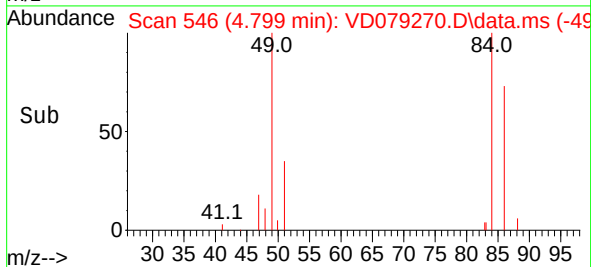
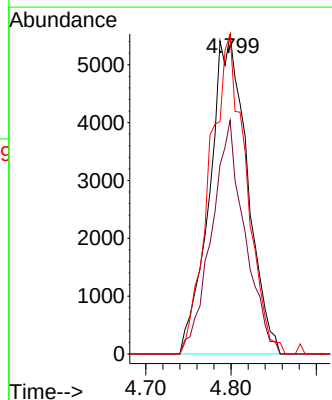
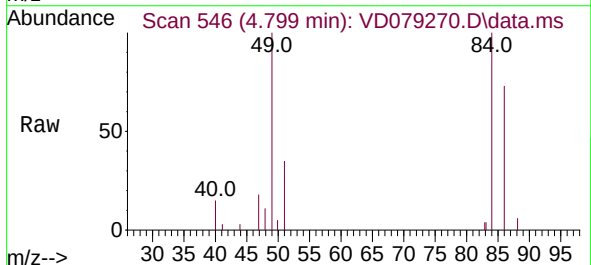
Instrument :
MSVOA_D
ClientSampleId :

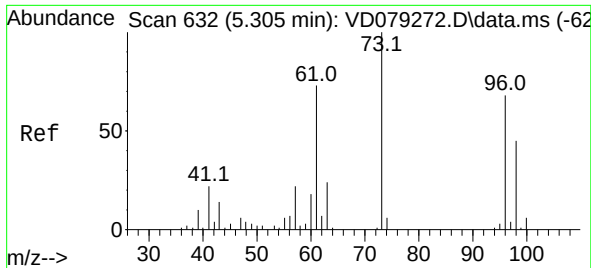
Tgt Ion: 43 Resp: 2443
Ion Ratio Lower Upper
43 100
74 5.9 22.4 33.6#



#16
Methylene chloride
Concen: 4.046 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Tgt Ion: 84 Resp: 16997
Ion Ratio Lower Upper
84 100
86 73.2 43.8 81.3
49 100.2 69.1 128.3

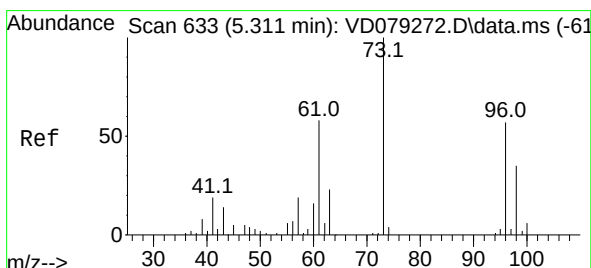
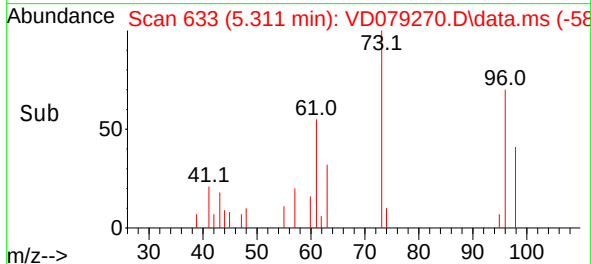
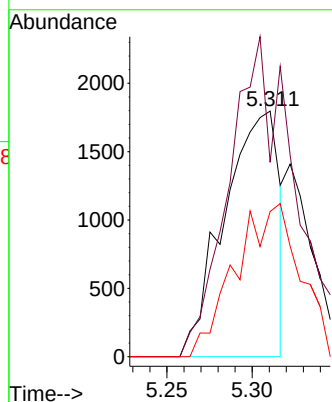
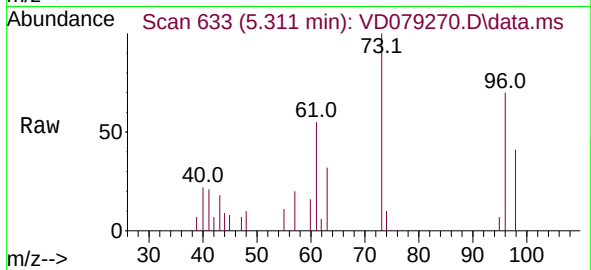




#17
trans-1,2-Dichloroethene
Concen: 1.553 ug/L
RT: 5.311 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

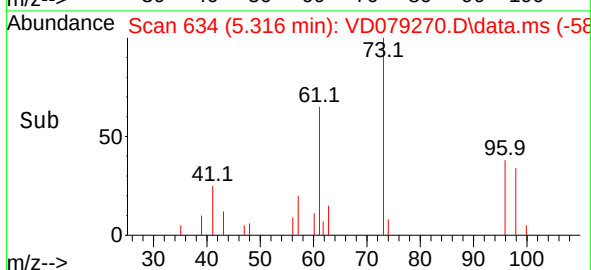
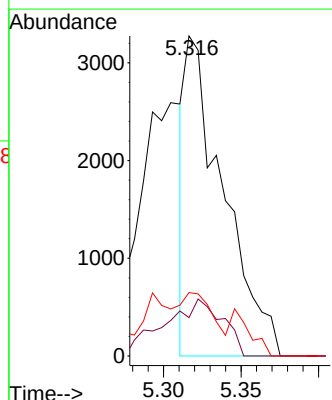
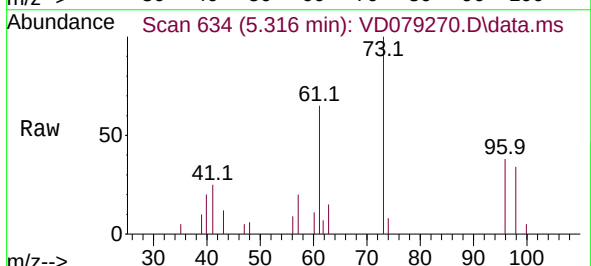
Instrument :
MSVOA_D
ClientSampleId :

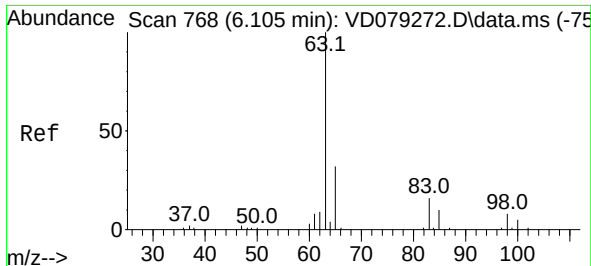
Tgt Ion: 96 Resp: 4003
Ion Ratio Lower Upper
96 100
61 79.1 75.8 140.8
98 59.1 46.6 86.6



#18
Methyl tert-butyl Ether
Concen: 1.047 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Tgt Ion: 73 Resp: 5550
Ion Ratio Lower Upper
73 100
43 13.4 11.4 17.0
57 18.4 16.6 24.8

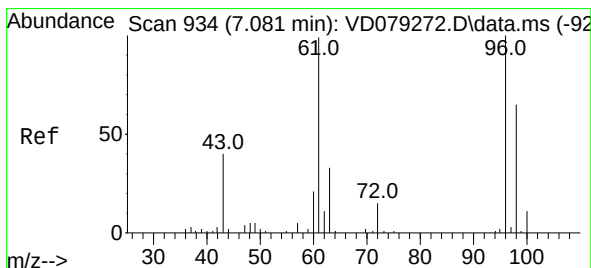
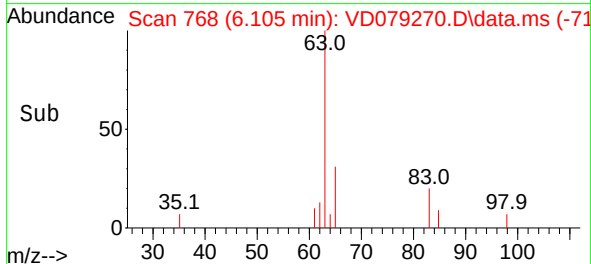
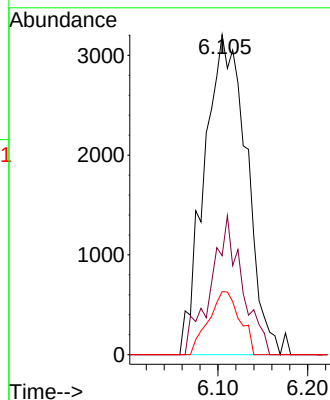
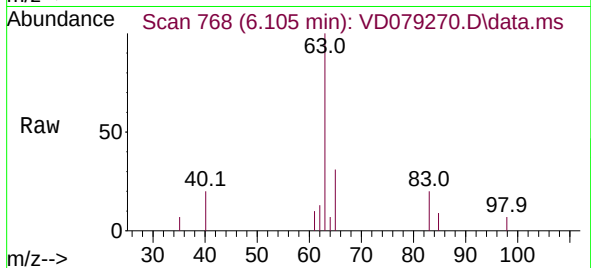




#19
1,1-Dichloroethane
Concen: 2.413 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

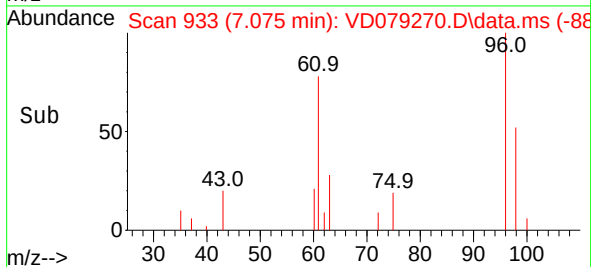
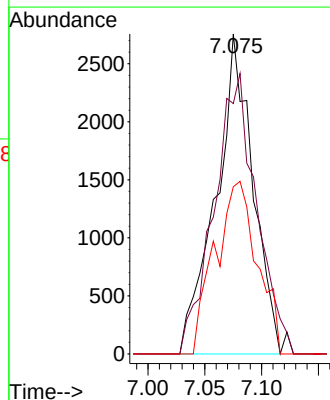
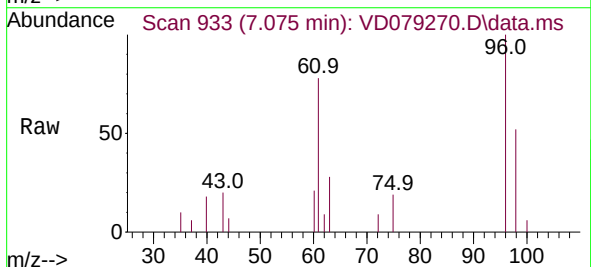
Instrument :
MSVOA_D
ClientSampleId :

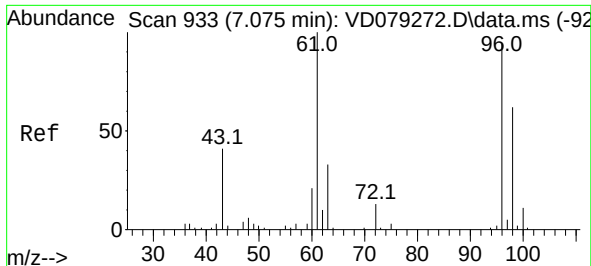
Tgt Ion:	63	Resp:	10450
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.3
83	19.7	11.4	21.2



#20
cis-1,2-Dichloroethene
Concen: 2.154 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Tgt Ion:	96	Resp:	6224
Ion	Ratio	Lower	Upper
96	100		
61	78.3	69.7	129.5
98	52.2	45.6	84.8





#22

2-Butanone

Concen: 2.777 ug/L

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

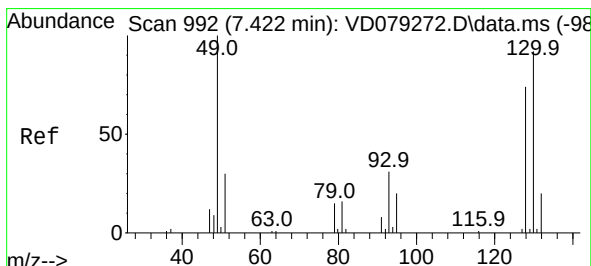
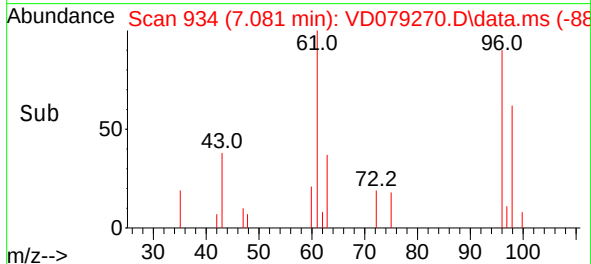
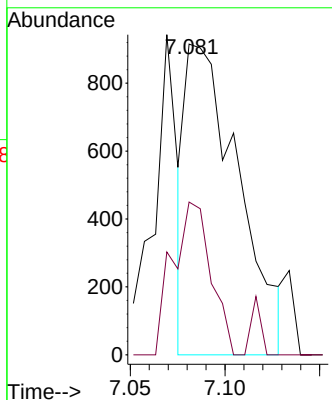
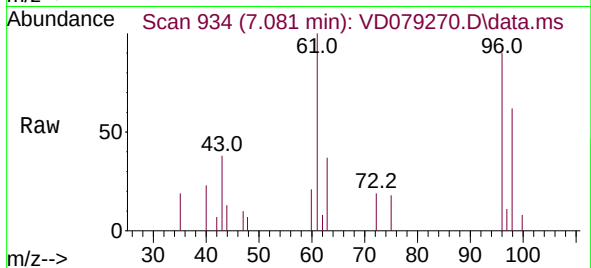
ClientSampleId :

Tgt Ion: 43 Resp: 1776

Ion Ratio Lower Upper

43 100

72 35.7 16.8 50.4



#23

Bromochloromethane

Concen: 1.778 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Tgt Ion: 128 Resp: 2594

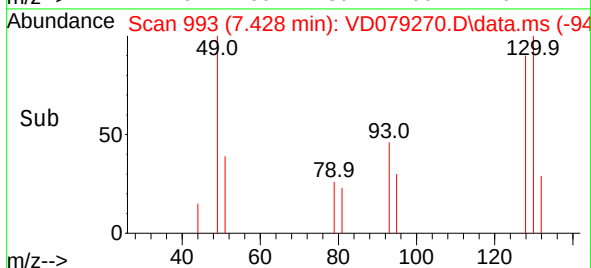
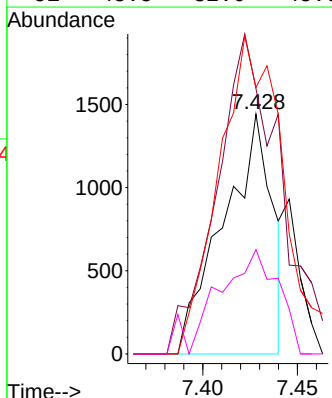
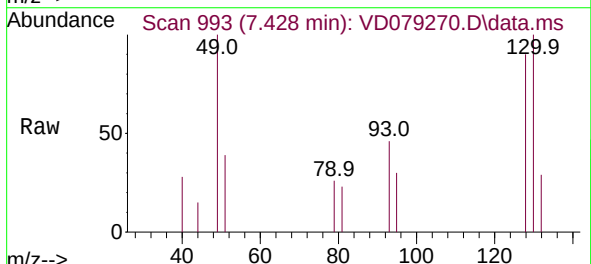
Ion Ratio Lower Upper

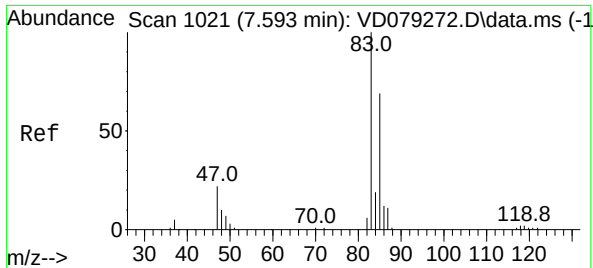
128 100

49 110.7 94.4 175.4

130 111.2 87.0 161.6

51 43.5 32.0 48.0





#25

Chloroform

Concen: 2.455 ug/L

RT: 7.587 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

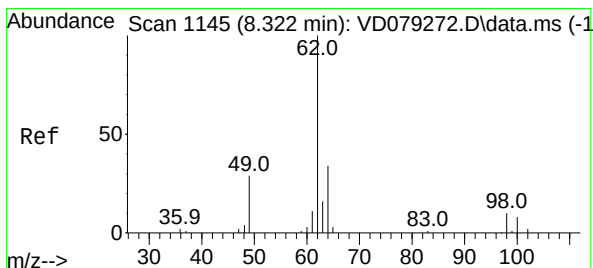
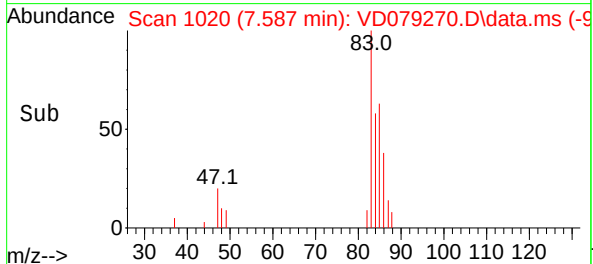
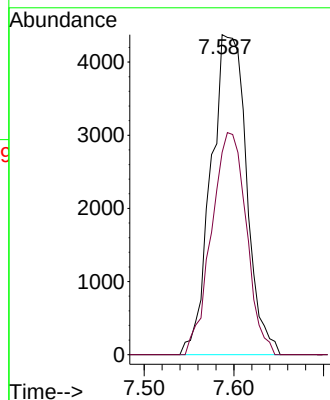
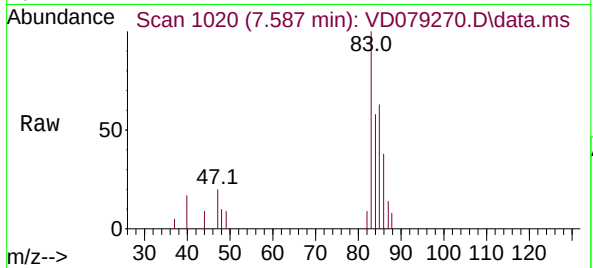
ClientSampleId :

Tgt Ion: 83 Resp: 12009

Ion Ratio Lower Upper

83 100

85 63.2 48.2 89.4



#27

1,2-Dichloroethane

Concen: 2.257 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD079270.D

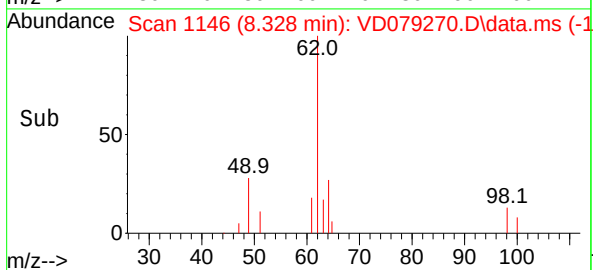
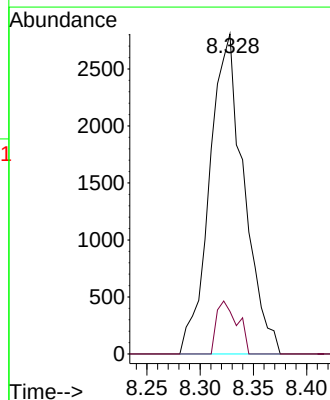
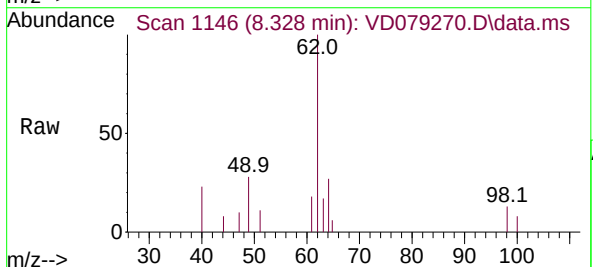
Acq: 27 Jun 2024 12:08

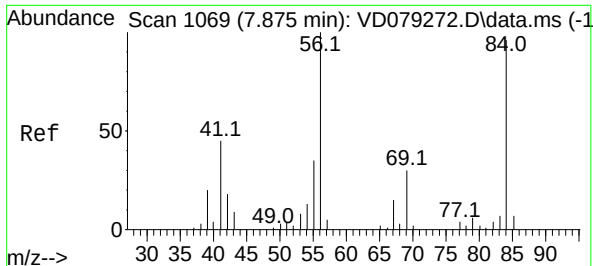
Tgt Ion: 62 Resp: 6291

Ion Ratio Lower Upper

62 100

98 13.3 8.3 12.5#





#29

Cyclohexane

Concen: 1.714 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079270.D

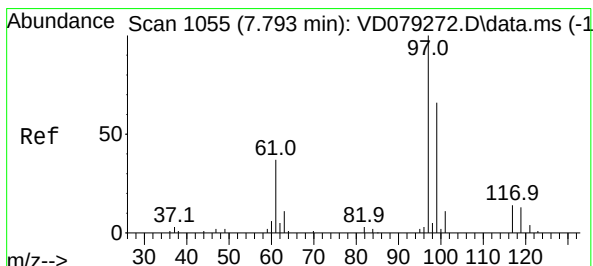
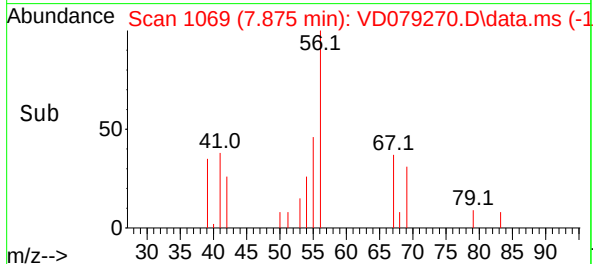
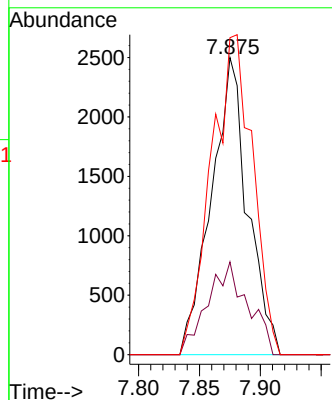
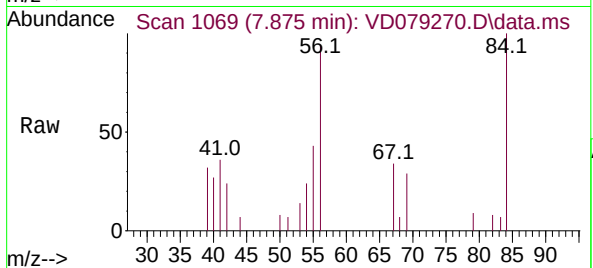
Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	56	Resp:	5191
Ion Ratio	Lower	Upper	
56	100		
69	30.2	25.0	37.4
84	121.9	81.7	122.5



#30

1,1,1-Trichloroethane

Concen: 2.427 ug/L

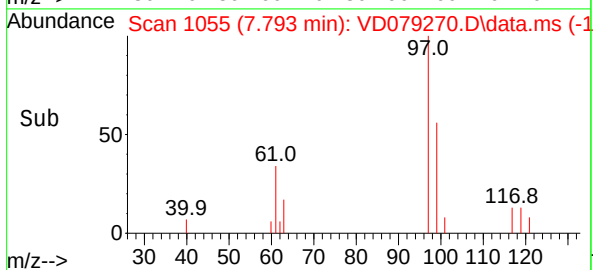
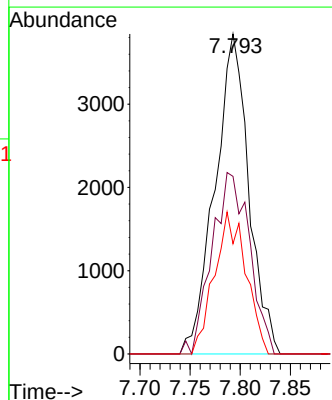
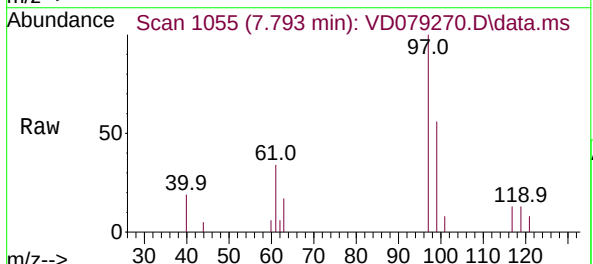
RT: 7.793 min Scan# 1055

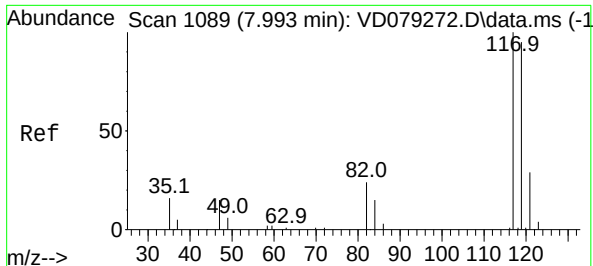
Delta R.T. -0.000 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Tgt Ion:	97	Resp:	9040
Ion Ratio	Lower	Upper	
97	100		
99	62.0	52.2	78.4
61	41.5	31.3	46.9

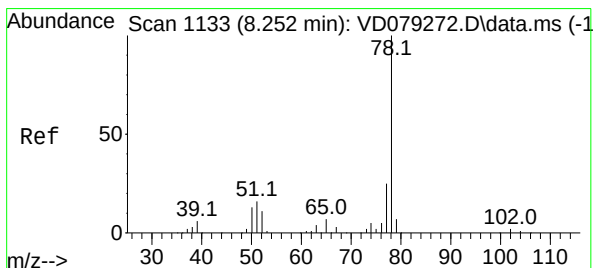
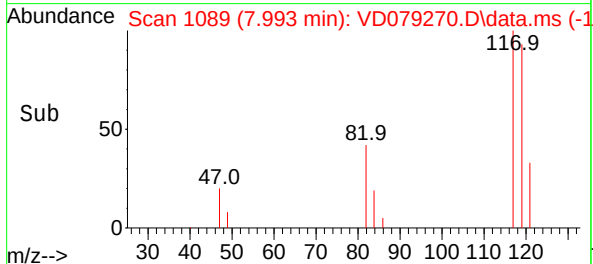
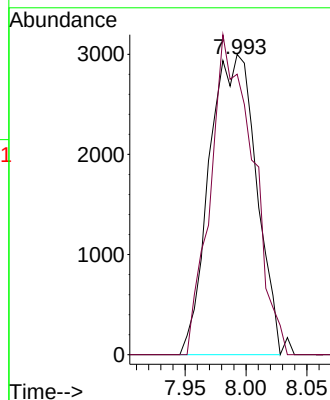
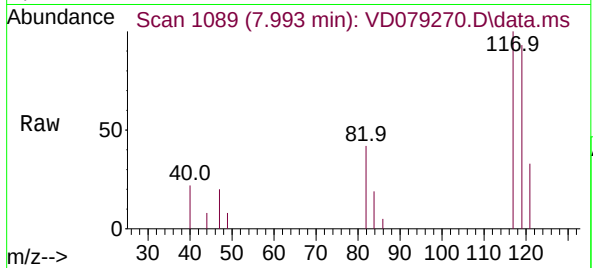




#31
Carbon tetrachloride
Concen: 2.400 ug/L
RT: 7.993 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

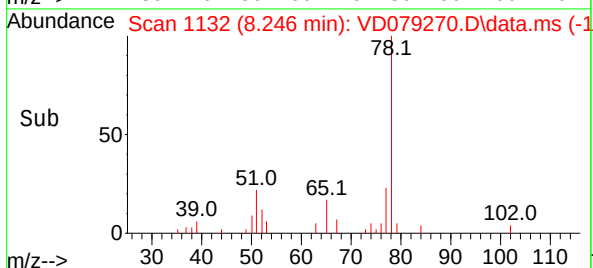
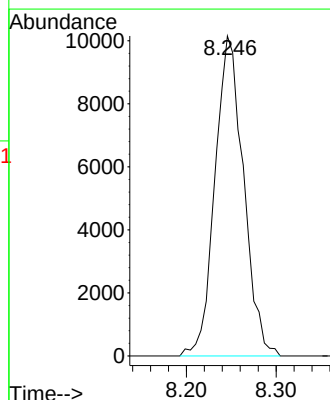
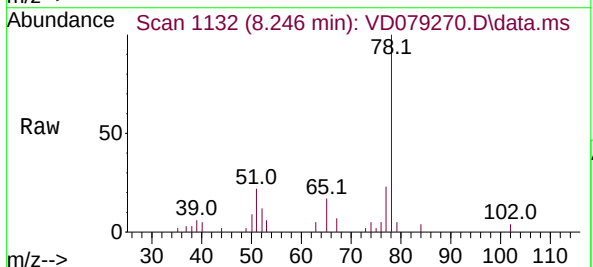
Instrument :
MSVOA_D
ClientSampleId :

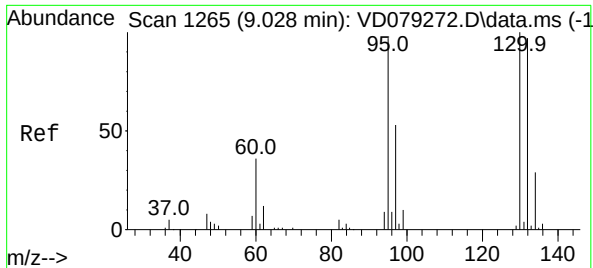
Tgt Ion:117 Resp: 8065
Ion Ratio Lower Upper
117 100
119 95.1 77.8 116.8



#33
Benzene
Concen: 2.085 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

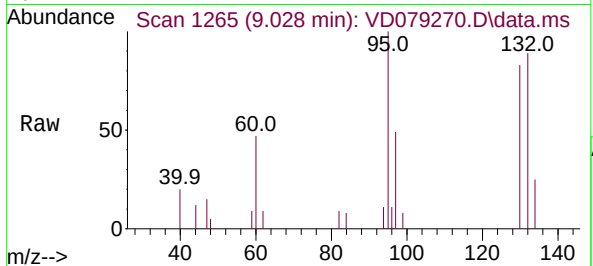
Tgt Ion: 78 Resp: 22399





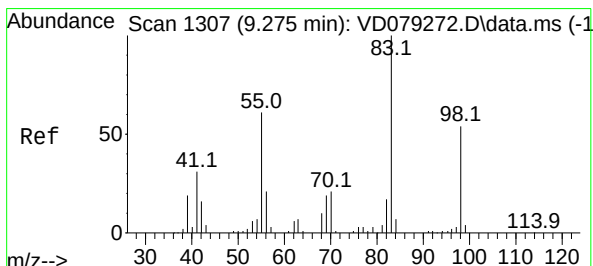
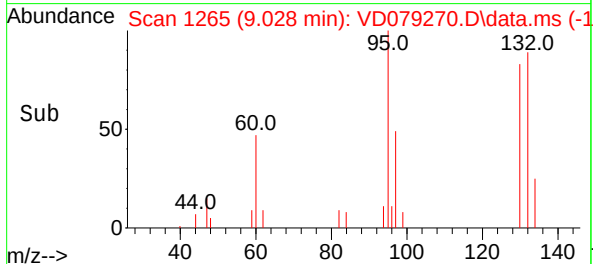
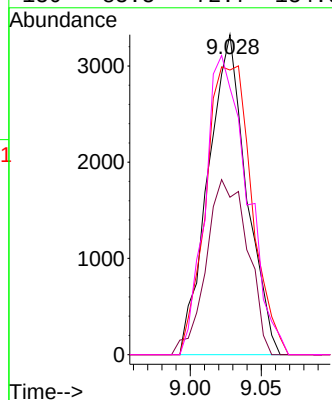
#34
Trichloroethene
Concen: 2.376 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 6237

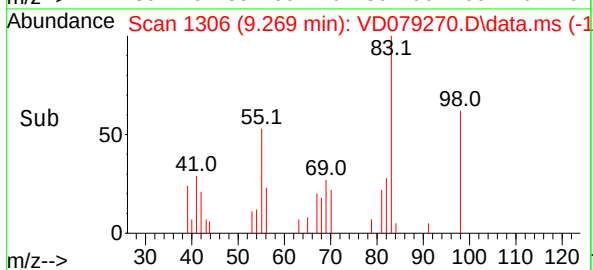
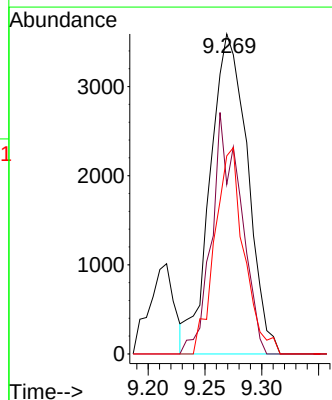
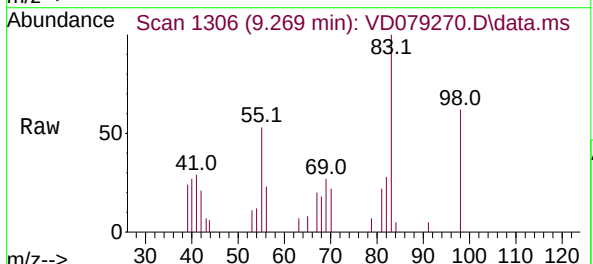
Ion	Ratio	Lower	Upper
95	100		
97	49.2	38.4	71.2
132	89.0	70.0	130.0
130	83.3	72.7	134.9

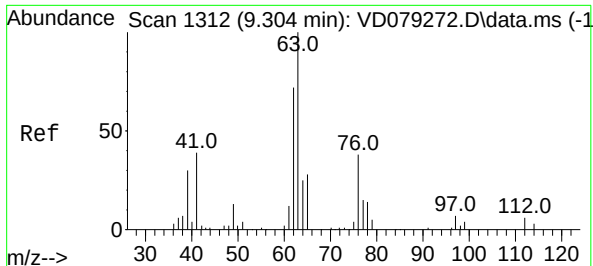


#35
Methylcyclohexane
Concen: 2.025 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Tgt Ion: 83 Resp: 8197

Ion	Ratio	Lower	Upper
83	100		
55	32.6	50.9	76.3#
98	49.8	39.9	59.9





#37

1,2-Dichloropropane

Concen: 2.389 ug/L

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

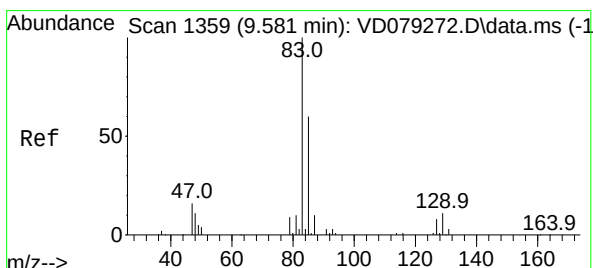
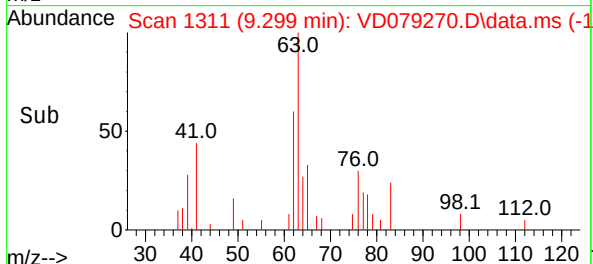
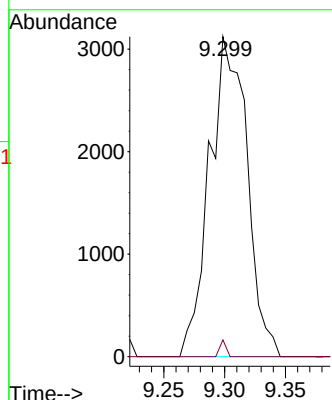
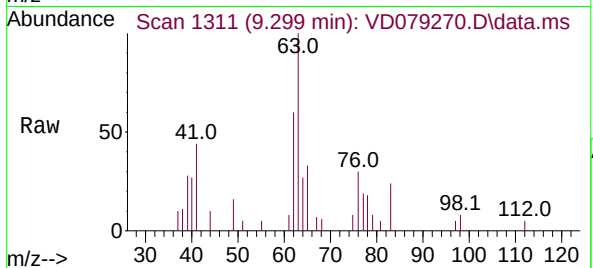
ClientSampleId :

Tgt Ion: 63 Resp: 6704

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 2.413 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

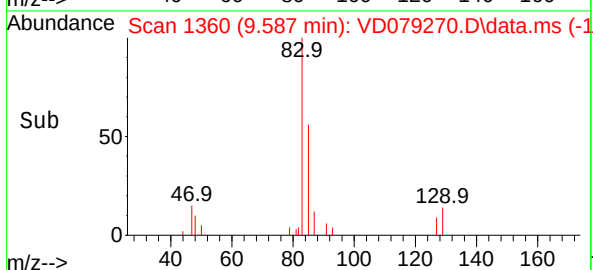
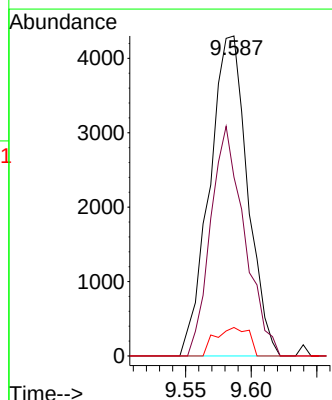
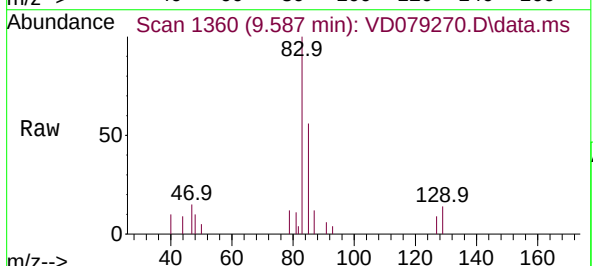
Tgt Ion: 83 Resp: 8674

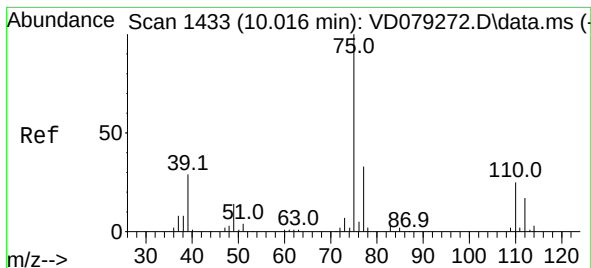
Ion Ratio Lower Upper

83 100

85 55.9 41.8 77.6

127 8.9 6.1 9.1

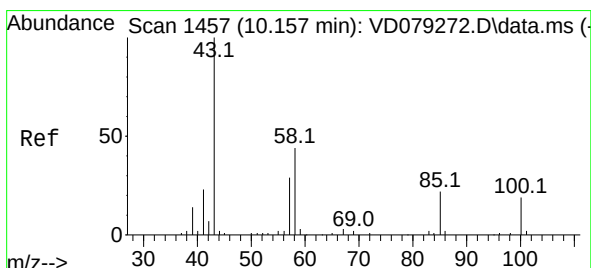
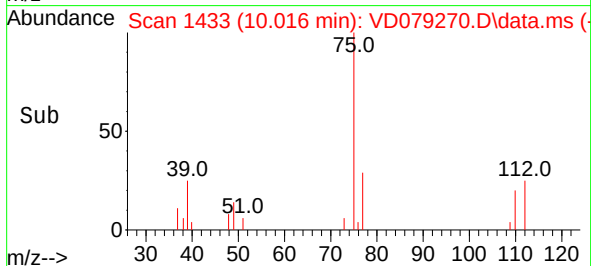
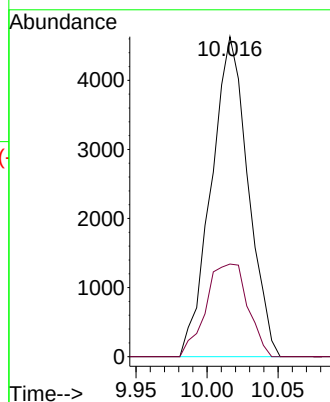
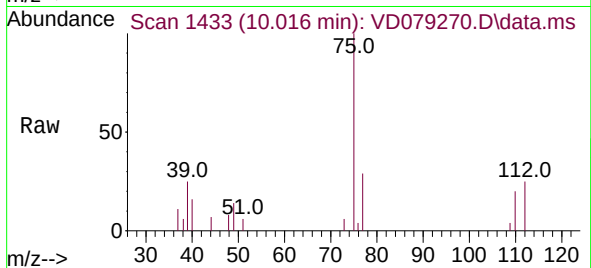




#39
 cis-1,3-Dichloropropene
 Concen: 2.030 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079270.D
 Acq: 27 Jun 2024 12:08

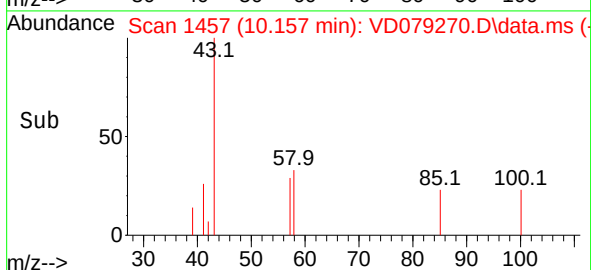
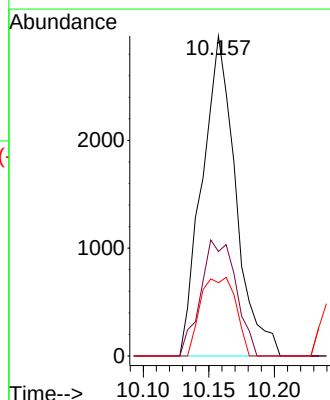
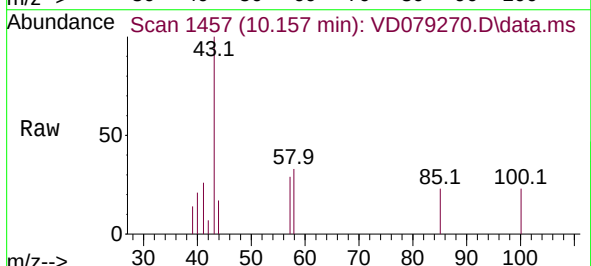
Instrument :
 MSVOA_D
 ClientSampleId :

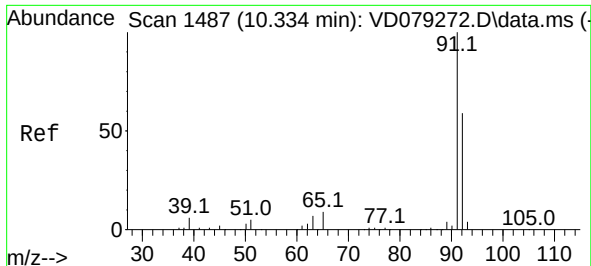
Tgt Ion: 75 Resp: 8362
 Ion Ratio Lower Upper
 75 100
 77 29.0 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 3.973 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD079270.D
 Acq: 27 Jun 2024 12:08

Tgt Ion: 43 Resp: 5286
 Ion Ratio Lower Upper
 43 100
 58 38.1 37.5 56.3
 100 25.7 17.4 26.0

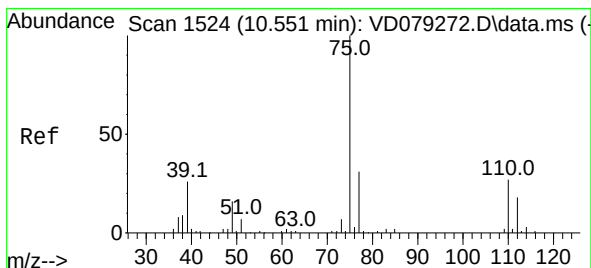
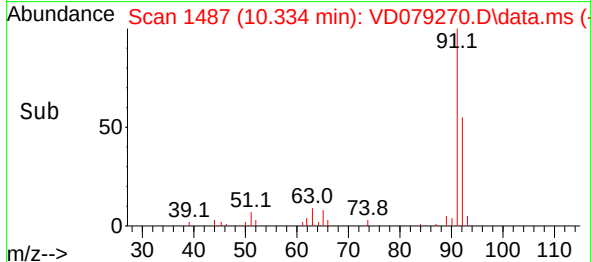
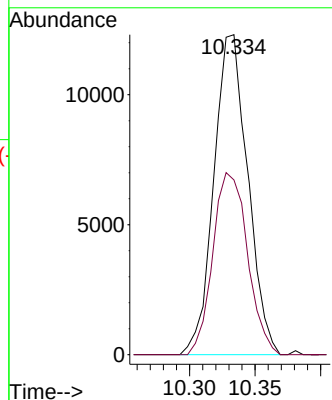
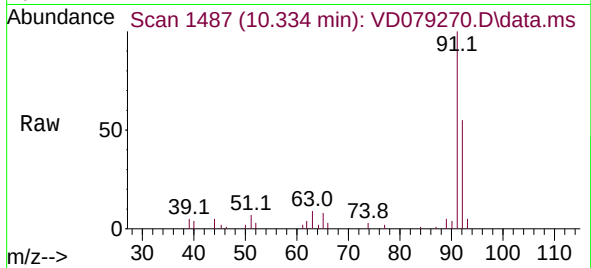




#42
Toluene
Concen: 1.937 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

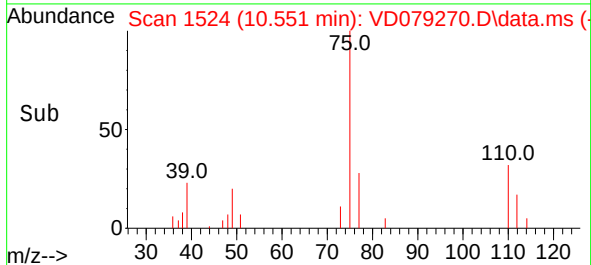
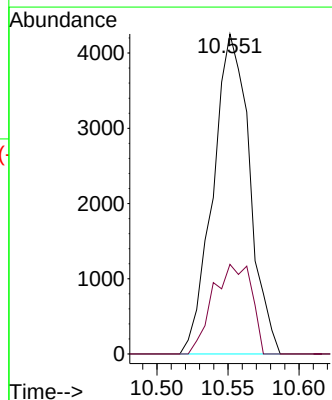
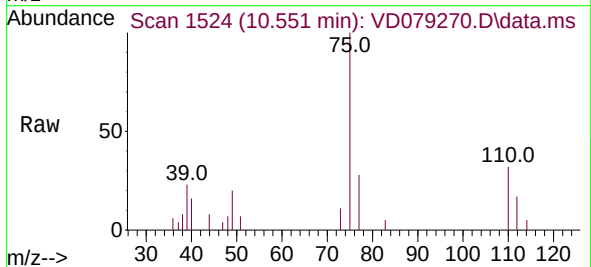
Instrument :
MSVOA_D
ClientSampleId :

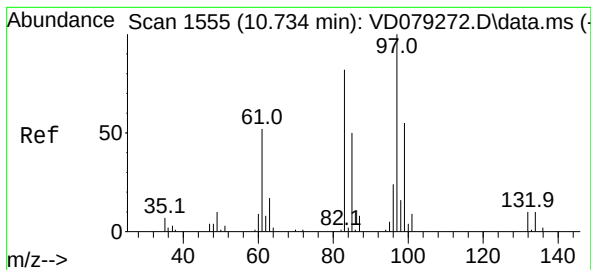
Tgt Ion: 91 Resp: 22139
Ion Ratio Lower Upper
91 100
92 54.6 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 2.117 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Tgt Ion: 75 Resp: 7617
Ion Ratio Lower Upper
75 100
77 28.0 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 2.205 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 5317

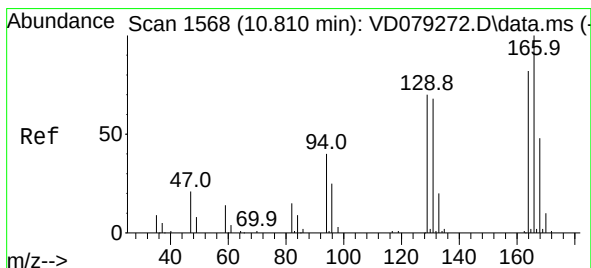
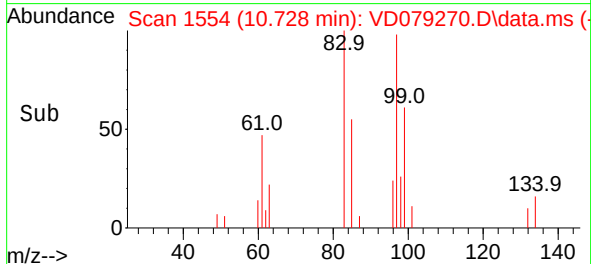
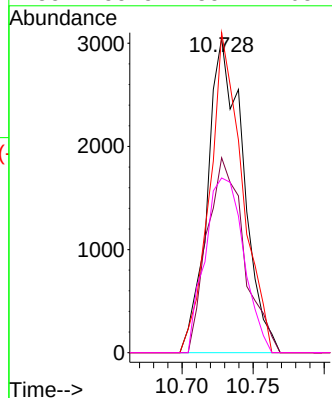
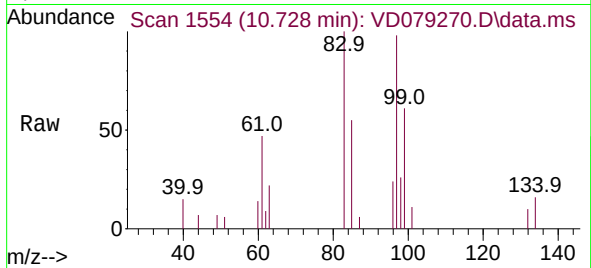
Ion Ratio Lower Upper

97 100

99 61.9 38.7 71.9

83 101.7 57.1 106.1

85 55.5 35.1 65.3



#46

Tetrachloroethene

Concen: 2.115 ug/L

RT: 10.798 min Scan# 1566

Delta R.T. -0.012 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Tgt Ion:164 Resp: 4422

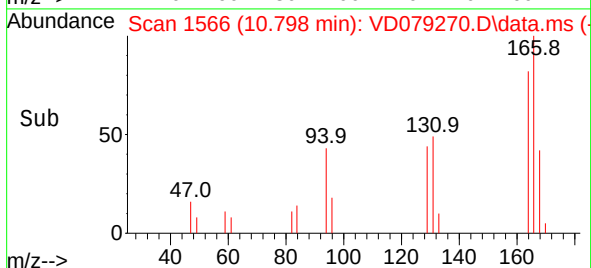
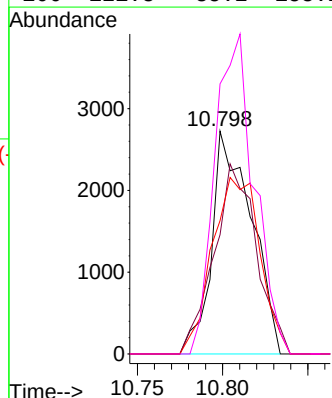
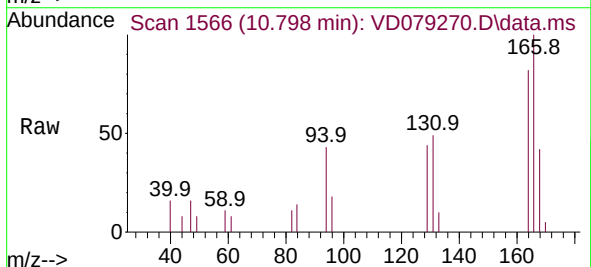
Ion Ratio Lower Upper

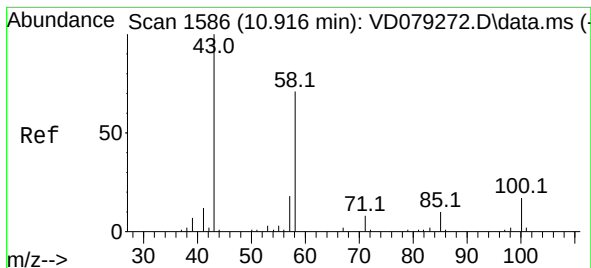
164 100

129 53.5 60.0 111.4#

131 59.8 57.7 107.1

166 121.3 85.2 158.2





#48

2-Hexanone

Concen: 3.945 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

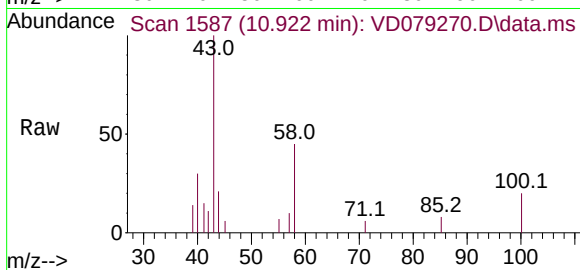
Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 3831

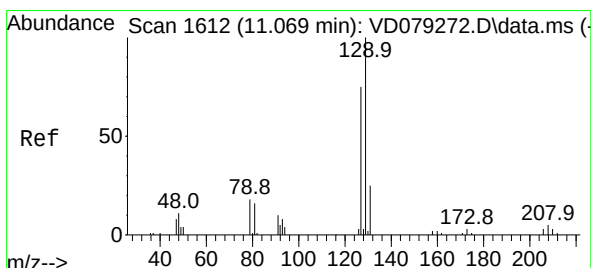
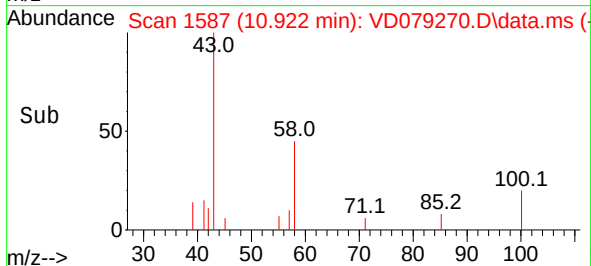
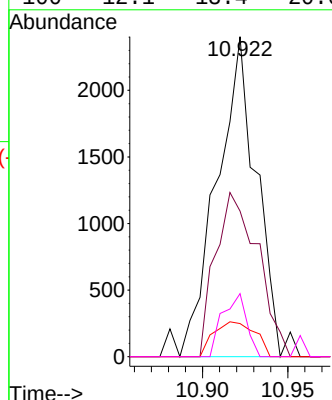
Ion Ratio Lower Upper

43 100

58 55.8 53.4 80.2

57 11.5 15.0 22.4#

100 12.1 13.4 20.0#



#49

Dibromochloromethane

Concen: 2.146 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VD079270.D

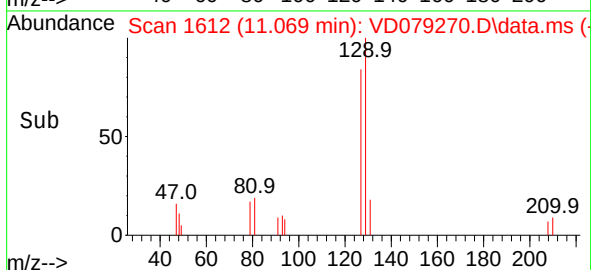
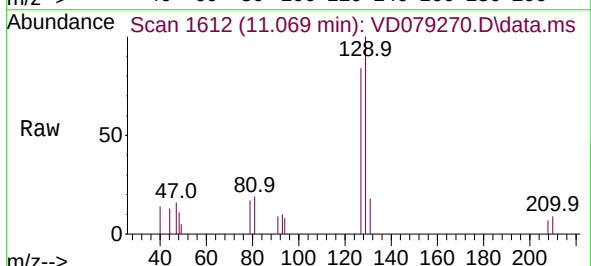
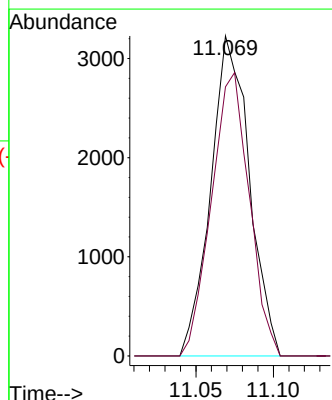
Acq: 27 Jun 2024 12:08

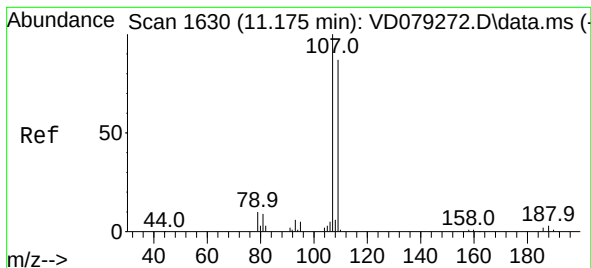
Tgt Ion:129 Resp: 5590

Ion Ratio Lower Upper

129 100

127 84.1 52.2 97.0





#50

1,2-Dibromoethane

Concen: 2.423 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

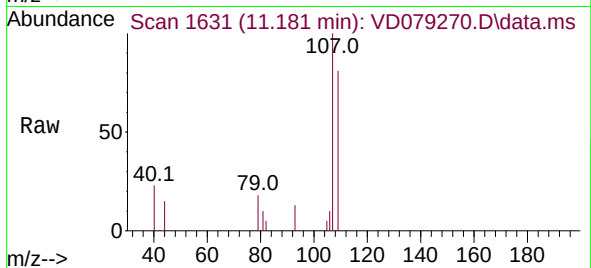
Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :



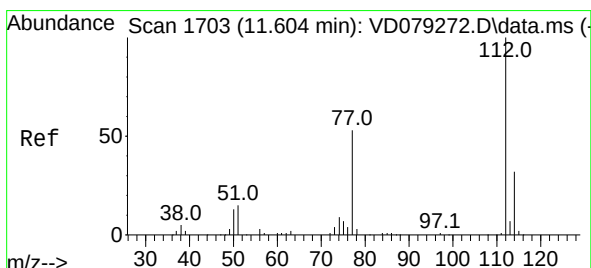
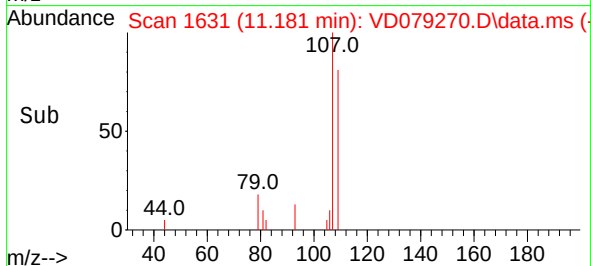
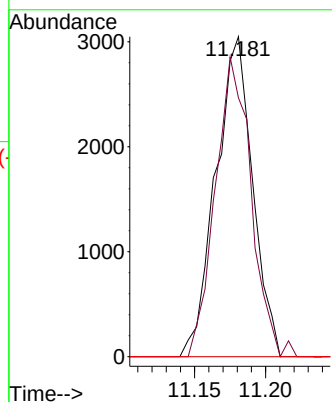
Tgt Ion:107 Resp: 5498

Ion Ratio Lower Upper

107 100

109 80.9 60.6 112.6

188 0.0 2.7 4.1#



#51

Chlorobenzene

Concen: 2.308 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

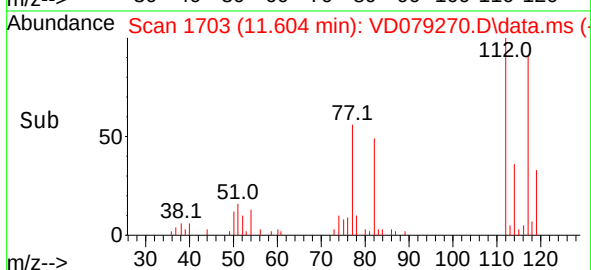
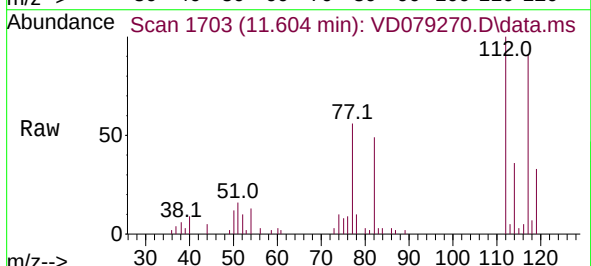
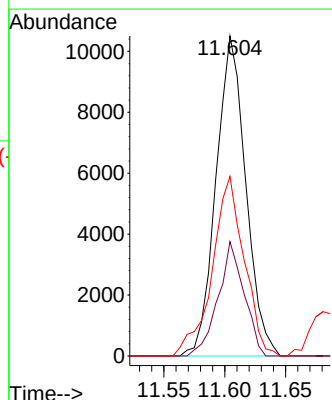
Tgt Ion:112 Resp: 17880

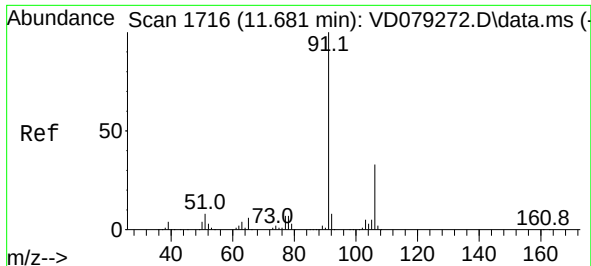
Ion Ratio Lower Upper

112 100

114 35.8 22.5 41.7

77 56.1 42.6 64.0





#52

Ethylbenzene

Concen: 1.913 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

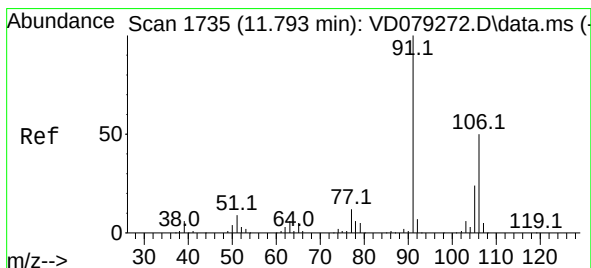
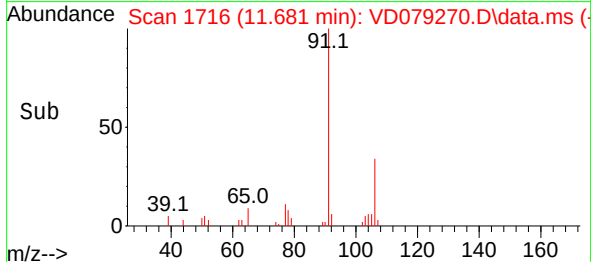
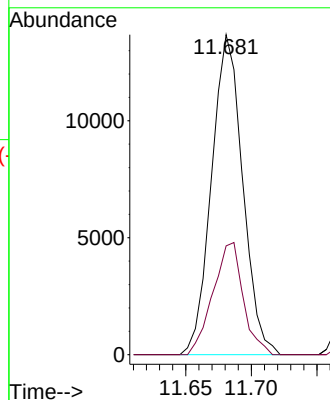
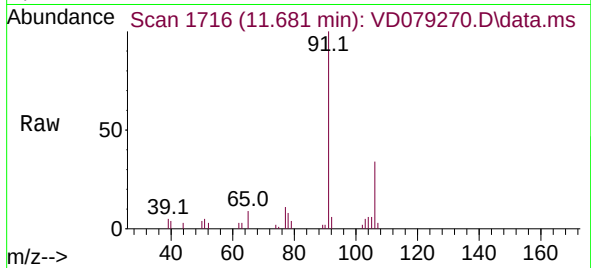
ClientSampleId :

Tgt Ion: 91 Resp: 22573

Ion Ratio Lower Upper

91 100

106 34.0 22.8 42.4



#53

m,p-Xylene

Concen: 1.842 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079270.D

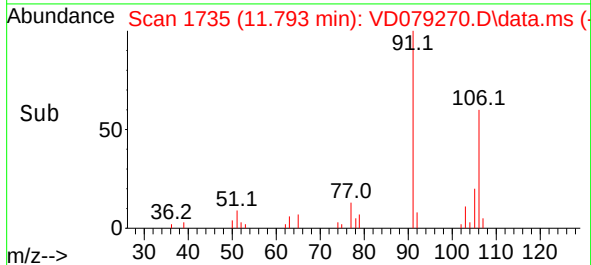
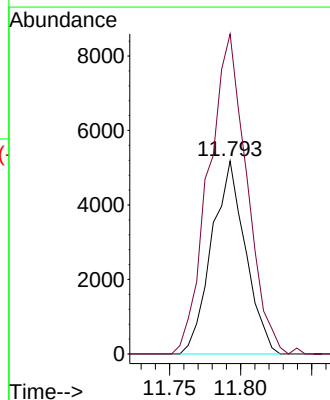
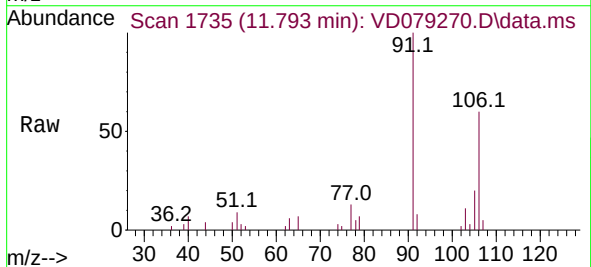
Acq: 27 Jun 2024 12:08

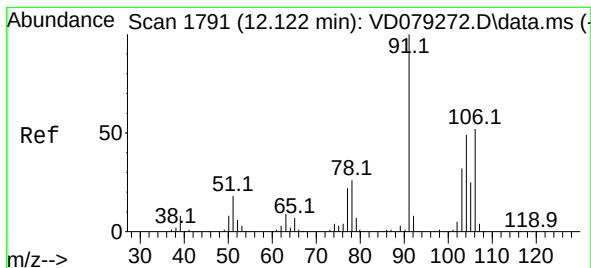
Tgt Ion:106 Resp: 8570

Ion Ratio Lower Upper

106 100

91 165.9 138.9 257.9





#54

o-Xylene

Concen: 1.905 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

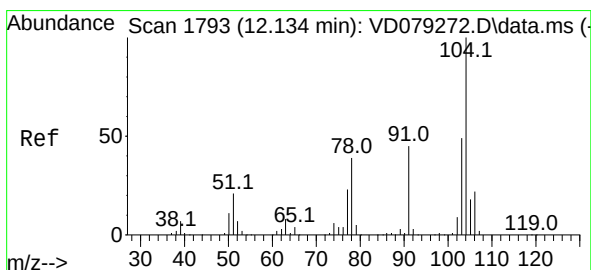
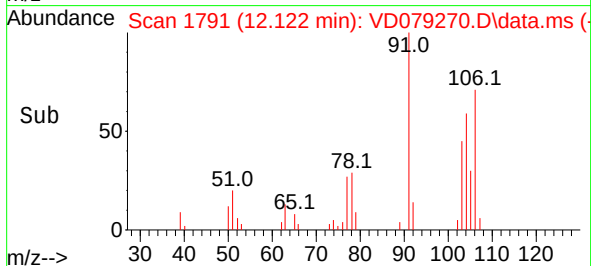
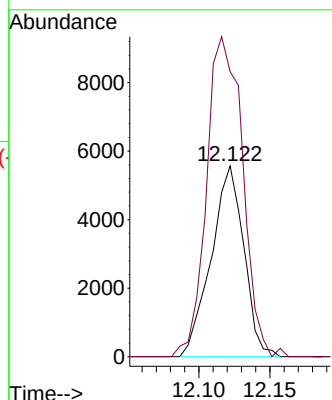
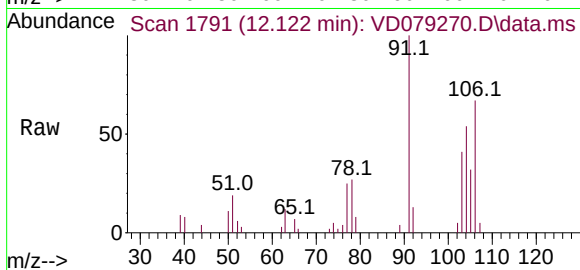
ClientSampleId :

Tgt Ion:106 Resp: 8908

Ion Ratio Lower Upper

106 100

91 149.6 135.6 251.8



#55

Styrene

Concen: 1.710 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079270.D

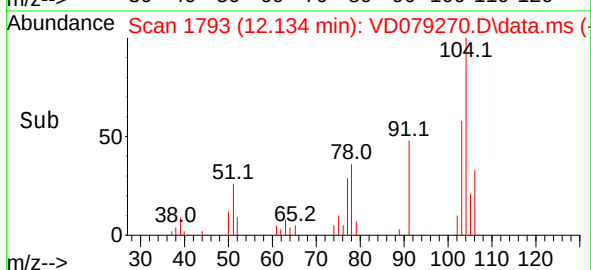
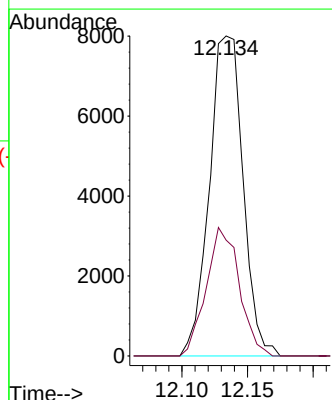
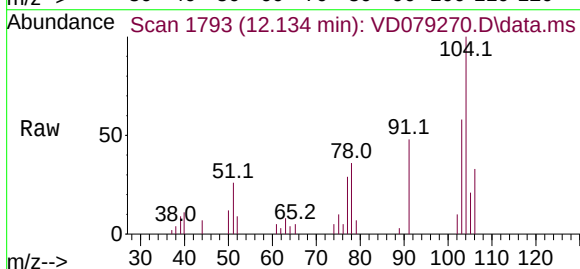
Acq: 27 Jun 2024 12:08

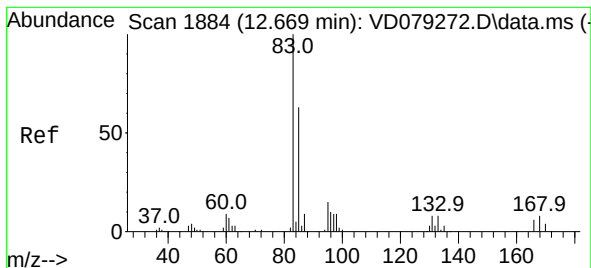
Tgt Ion:104 Resp: 14298

Ion Ratio Lower Upper

104 100

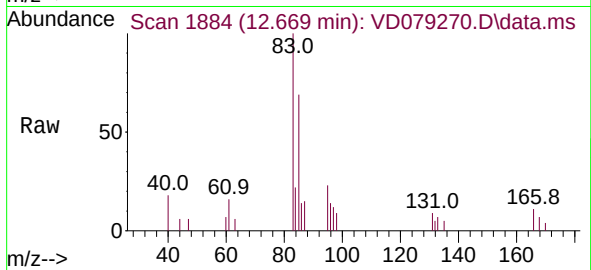
78 36.2 27.4 50.8



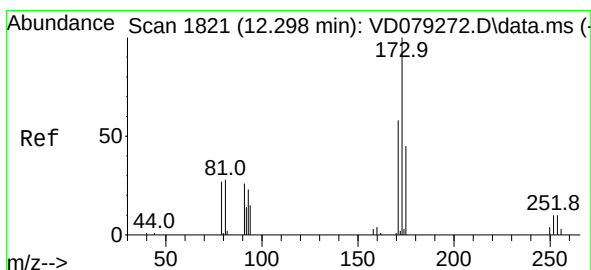
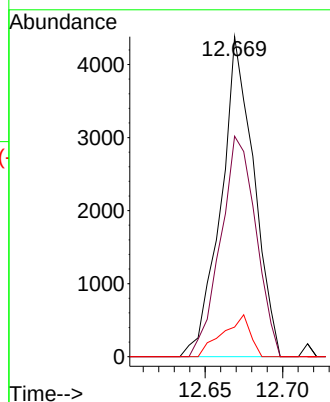
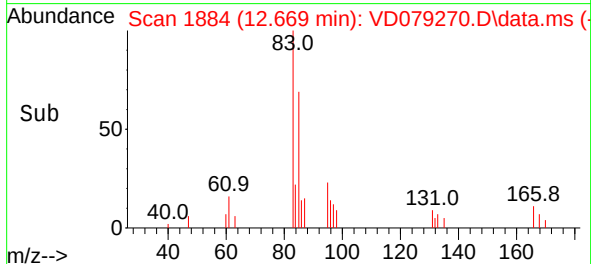


#57
1,1,2,2-Tetrachloroethane
Concen: 2.196 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :

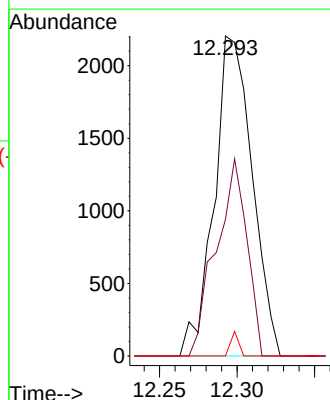
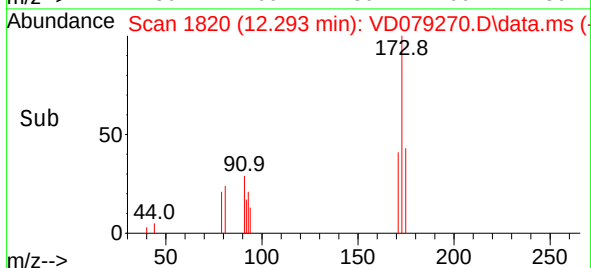
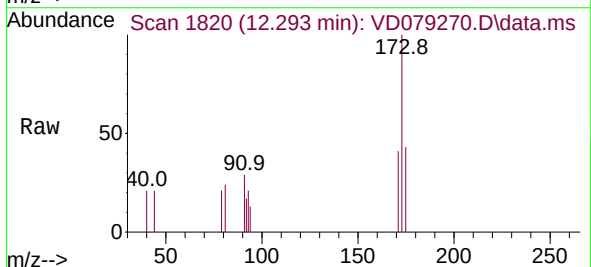


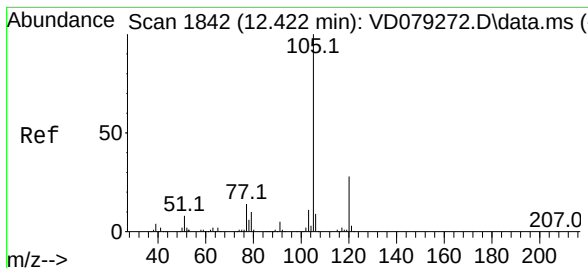
Tgt Ion: 83 Resp: 6457
Ion Ratio Lower Upper
83 100
85 68.9 44.0 81.8
131 9.2 6.0 9.0#



#59
Bromoform
Concen: 2.465 ug/L
RT: 12.293 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

Tgt Ion:173 Resp: 3756
Ion Ratio Lower Upper
173 100
175 49.8 39.1 58.7
254 0.0 7.3 10.9#





#60

Isopropylbenzene

Concen: 1.862 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079270.D

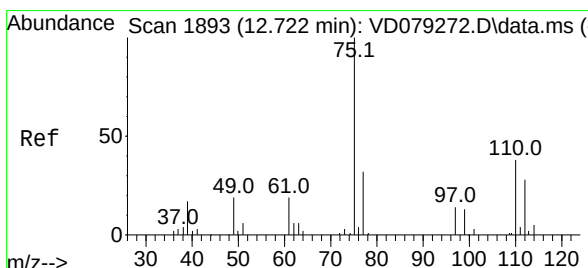
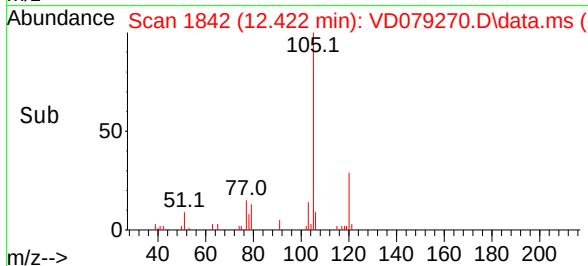
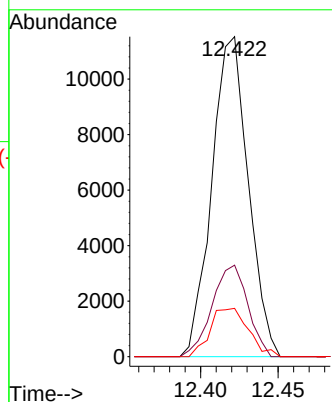
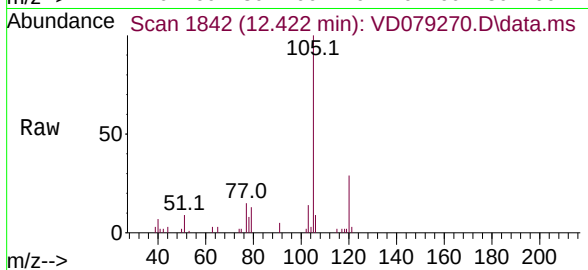
Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	18869
Ion Ratio	Lower	Upper	
105	100		
120	28.0	21.9	32.9
77	15.9	11.2	16.8



#61

1,2,3-Trichloropropane

Concen: 2.365 ug/L

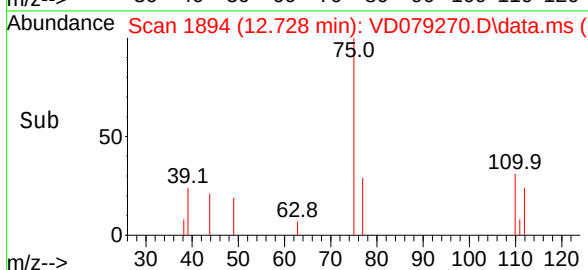
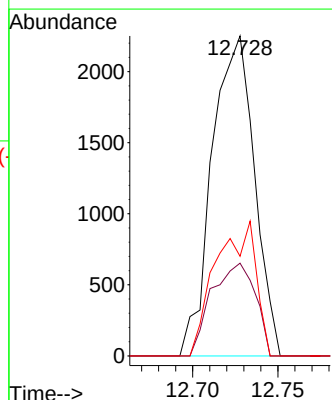
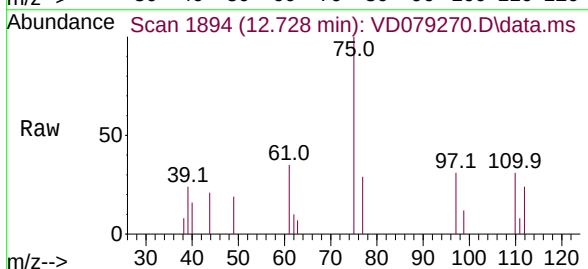
RT: 12.728 min Scan# 1894

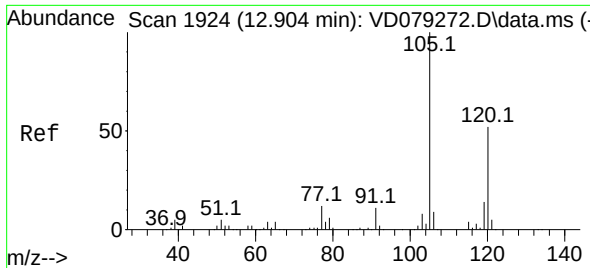
Delta R.T. 0.006 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Tgt Ion:	75	Resp:	3895
Ion Ratio	Lower	Upper	
75	100		
77	29.8	27.3	40.9
110	12.0	34.0	51.0#

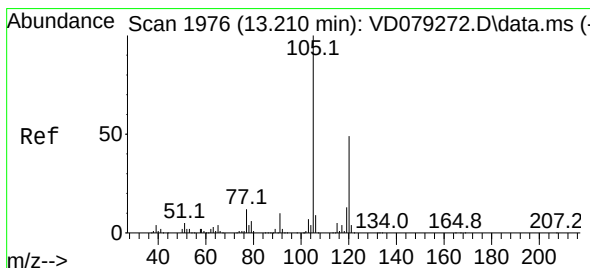
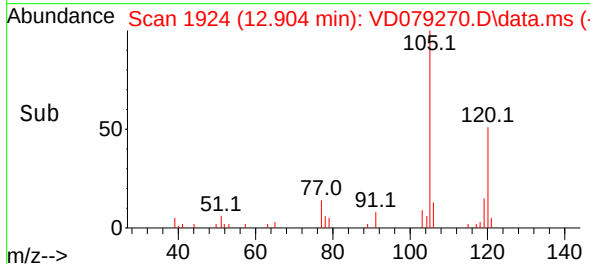
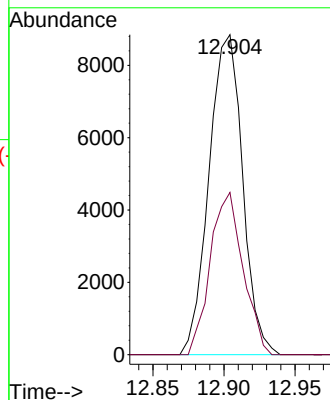
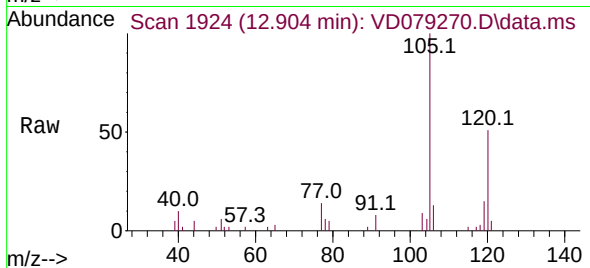




#62
1,3,5-Trimethylbenzene
Concen: 2.020 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

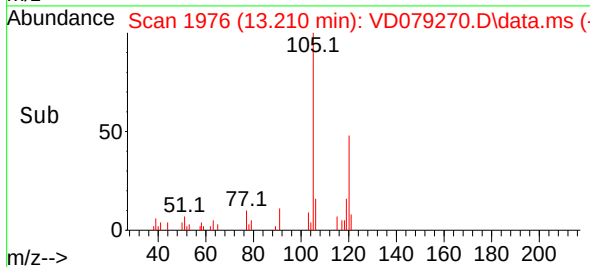
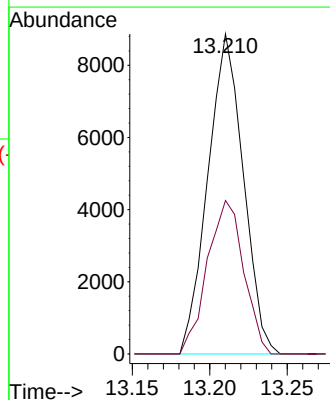
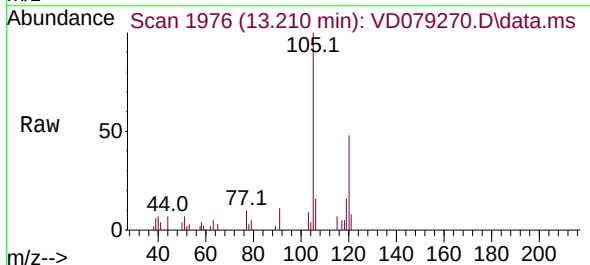
Instrument :
MSVOA_D
ClientSampleId :

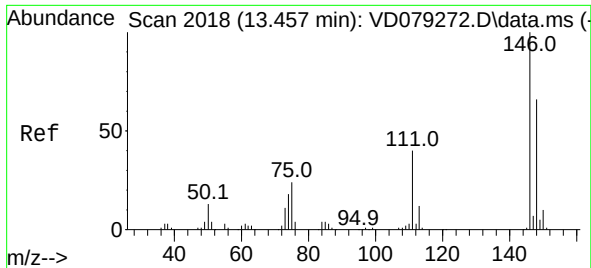
Tgt Ion:105 Resp: 14566
Ion Ratio Lower Upper
105 100
120 49.5 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 1.795 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

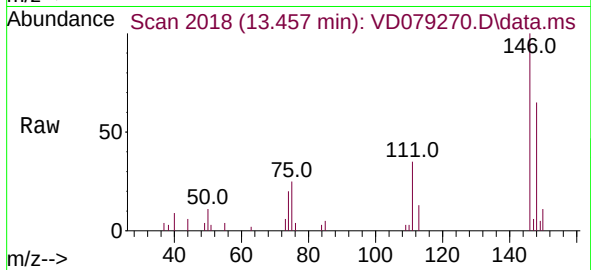
Tgt Ion:105 Resp: 14096
Ion Ratio Lower Upper
105 100
120 49.2 38.1 57.1



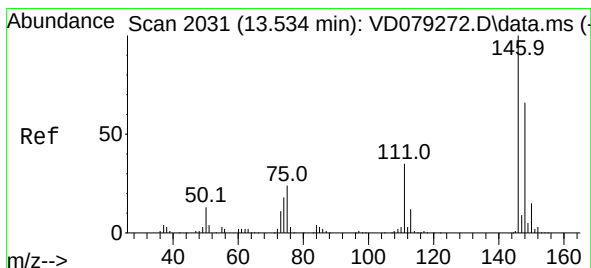
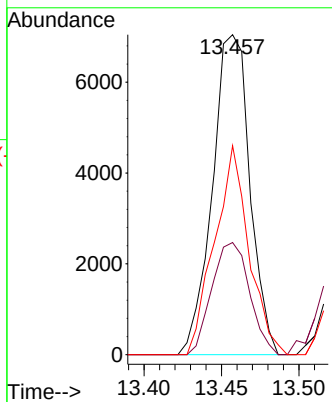
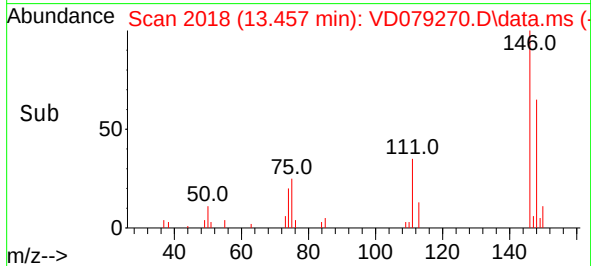


#64
1,3-Dichlorobenzene
Concen: 2.328 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

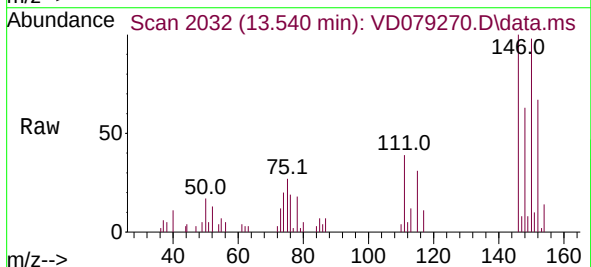
Instrument :
MSVOA_D
ClientSampleId :



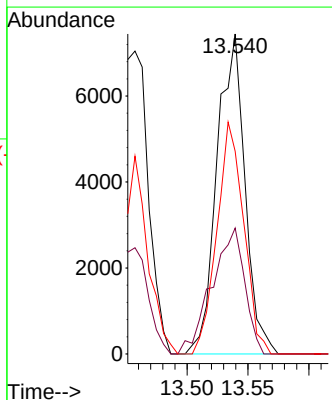
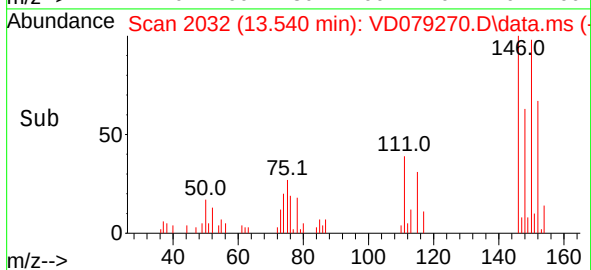
Tgt Ion:146 Resp: 11846
Ion Ratio Lower Upper
146 100
111 35.1 27.7 51.5
148 65.3 45.9 85.3

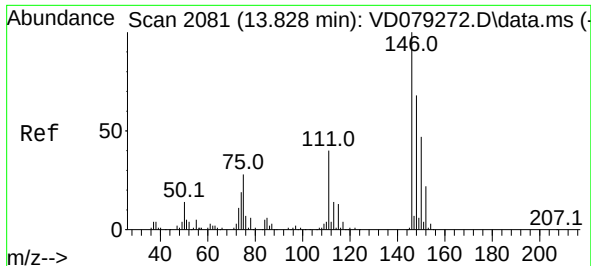


#65
1,4-Dichlorobenzene
Concen: 2.216 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08



Tgt Ion:146 Resp: 11888
Ion Ratio Lower Upper
146 100
111 39.4 24.8 46.1
148 63.3 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 2.264 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

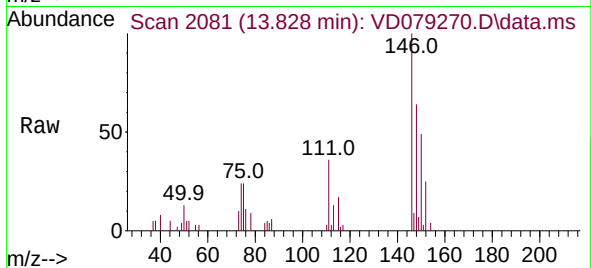
Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :



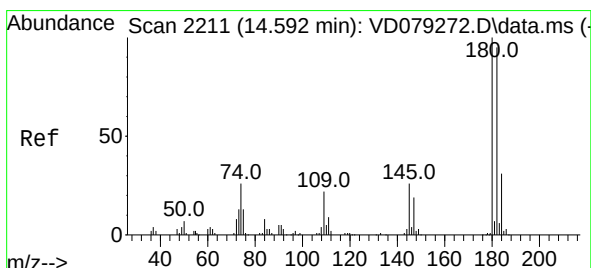
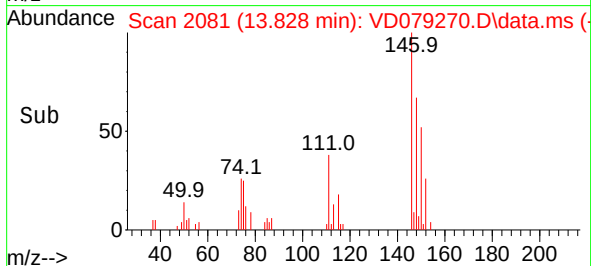
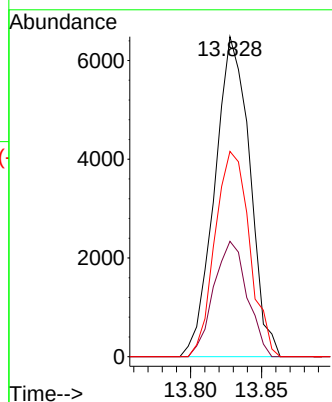
Tgt Ion:146 Resp: 11127

Ion Ratio Lower Upper

146 100

111 36.0 31.9 47.9

148 64.2 54.2 81.4



#69

1,3,5-Trichlorobenzene

Concen: 2.387 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

Lab File: VD079270.D

Acq: 27 Jun 2024 12:08

Tgt Ion:180 Resp: 7581

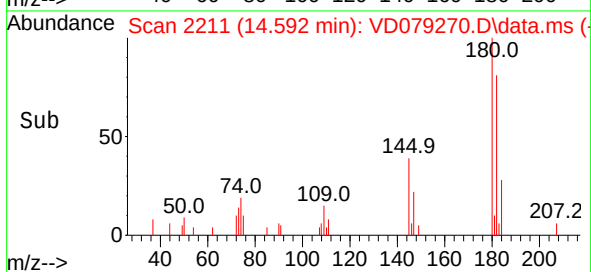
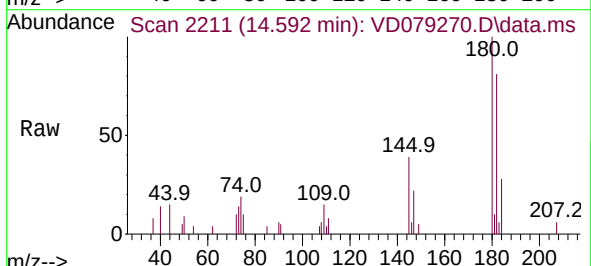
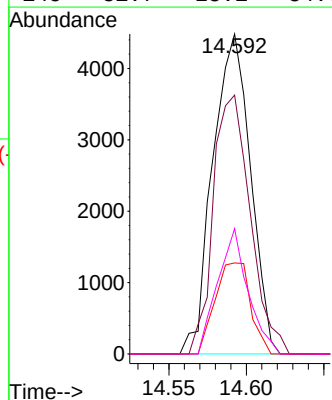
Ion Ratio Lower Upper

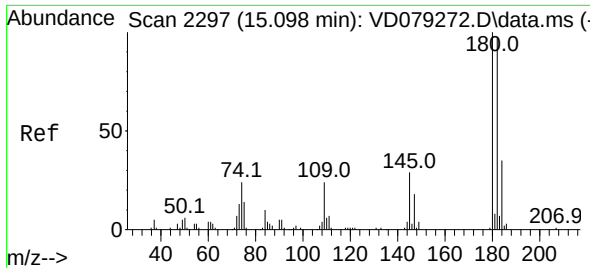
180 100

182 79.4 76.5 114.7

184 26.7 23.8 35.8

145 31.7 23.1 34.7

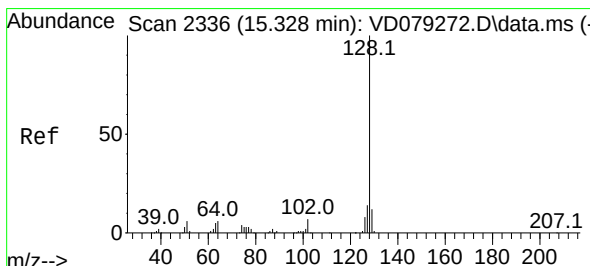
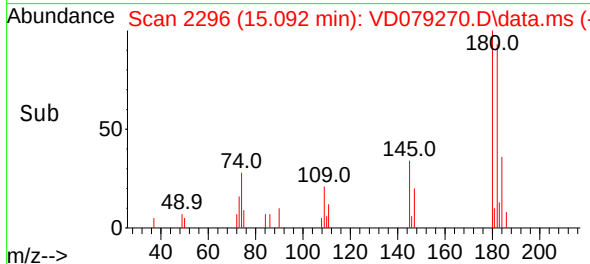
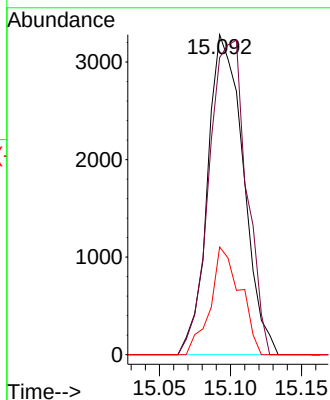
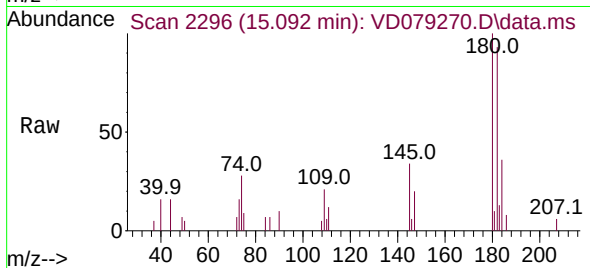




#70
1,2,4-trichlorobenzene
Concen: 2.180 ug/L
RT: 15.092 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

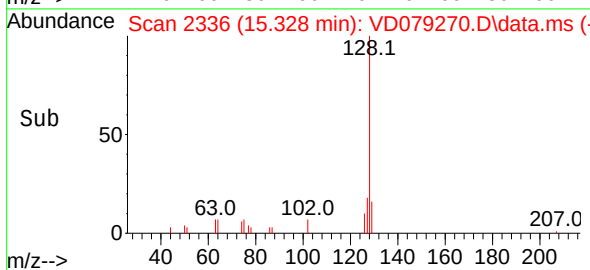
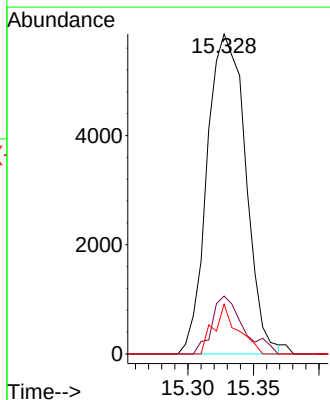
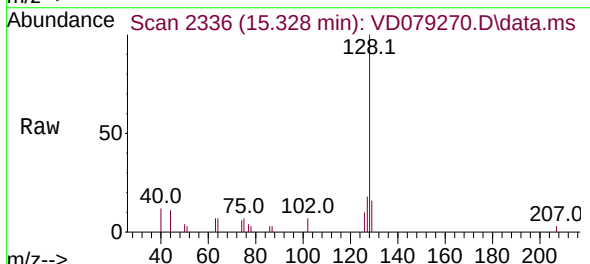
Instrument :
MSVOA_D
ClientSampleId :

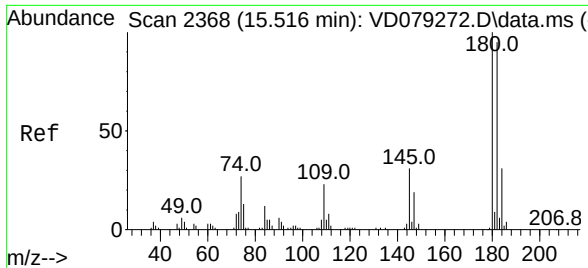
Tgt Ion:180 Resp: 5740
Ion Ratio Lower Upper
180 100
182 102.7 75.1 112.7
145 28.2 22.6 33.8



#71
Naphthalene
Concen: 2.088 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079270.D
Acq: 27 Jun 2024 12:08

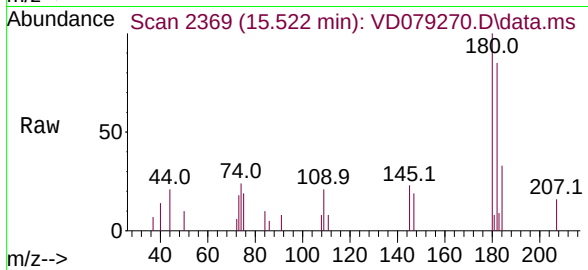
Tgt Ion:128 Resp: 11938
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 9.6 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 2.176 ug/L
 RT: 15.522 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VD079270.D
 Acq: 27 Jun 2024 12:08

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180	Resp:	5448
Ion	Ratio	Lower Upper
180	100	
182	92.8	76.0 114.0
145	27.9	25.0 37.4

