

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042174.D
 Acq On : 03 Jul 2024 19:52
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 04:47:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	280717	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	253302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	15370	9.606	ug/L	0.00
7) Chloroethane-d5	1.648	69	10214	8.932	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	6487	8.402	ug/L	0.00
21) 2-Butanone-d5	4.471	46	22482	19.187	ug/L	0.00
24) Chloroform-d	5.056	84	30790	8.920	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	17951	7.389	ug/L	0.00
32) Benzene-d6	5.970	84	62087	9.054	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	18667	9.089	ug/L	0.00
41) Toluene-d8	8.647	98	57427	8.151	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	7408	7.358	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	16110	16.939	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	27083	8.461	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	23349	9.143	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20487	10.497	ug/L	99
3) Chloromethane	1.301	50	20818	12.070	ug/L	96
5) Vinyl chloride	1.374	62	20353	11.569	ug/L	100
6) Bromomethane	1.599	94	10862	9.260	ug/L	95
8) Chloroethane	1.666	64	10629	10.726	ug/L	96
9) Trichlorofluoromethane	1.874	101	27037	9.115	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	18006	9.930	ug/L	98
12) 1,1-Dichloroethene	2.313	96	16993	10.443	ug/L #	77
13) Acetone	2.386	43	16058	14.070	ug/L	96
14) Carbon disulfide	2.502	76	39760	10.030	ug/L	97
15) Methyl Acetate	2.709	43	21208	10.440	ug/L	99
16) Methylene chloride	2.788	84	22931	12.518	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	17378	10.411	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	57019	10.080	ug/L	99
19) 1,1-Dichloroethane	3.605	63	31349	10.170	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	20258	10.442	ug/L	96
22) 2-Butanone	4.574	43	26796	18.095	ug/L	99
23) Bromochloromethane	4.910	128	10849	10.475	ug/L	92
25) Chloroform	5.099	83	32839	9.909	ug/L	97
27) 1,2-Dichloroethane	6.086	62	24808	9.184	ug/L	99
29) Cyclohexane	5.464	56	27515	9.790	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	27379	9.316	ug/L	99
31) Carbon tetrachloride	5.672	117	23730	9.128	ug/L	97
33) Benzene	6.037	78	73704	10.376	ug/L	100
34) Trichloroethene	7.123	95	18244	9.435	ug/L	98
35) Methylcyclohexane	7.379	83	28542	9.538	ug/L	98
37) 1,2-Dichloropropane	7.434	63	18682	10.401	ug/L	99
38) Bromodichloromethane	7.824	83	21360	8.933	ug/L #	99
39) cis-1,3-Dichloropropene	8.366	75	24994	8.524	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	51263	18.016	ug/L	99
42) Toluene	8.720	91	77756	10.039	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	22218	8.188	ug/L	97

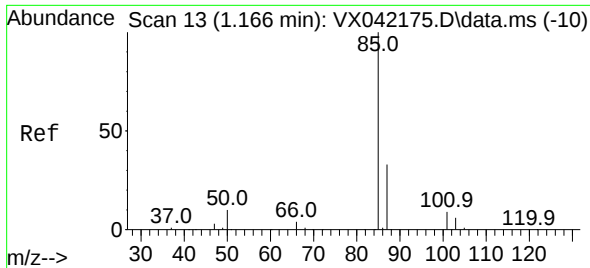
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:46:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	20162	10.159	ug/L	97
46) Tetrachloroethene	9.275	164	17795	9.601	ug/L	92
48) 2-Hexanone	9.433	43	40887	18.176	ug/L	98
49) Dibromochloromethane	9.519	129	18531	9.266	ug/L	99
50) 1,2-Dibromoethane	9.610	107	21378	10.367	ug/L	98
51) Chlorobenzene	10.079	112	52916	10.256	ug/L	98
52) Ethylbenzene	10.195	91	81400	9.620	ug/L	99
53) m,p-Xylene	10.299	106	32937	9.584	ug/L	96
54) o-Xylene	10.640	106	32682	9.335	ug/L	94
55) Styrene	10.659	104	53571	9.165	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	31489	9.616	ug/L	99
59) Bromoform	10.799	173	15235	10.197	ug/L	99
60) Isopropylbenzene	10.963	105	82522	10.636	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	24457	11.261	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	61457	11.390	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	65744	10.320	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	40584	10.218	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	41692	10.408	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	42171	10.362	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	5430	9.271	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	28394	9.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	25015	9.213	ug/L	98
71) Naphthalene	13.774	128	78064	9.726	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	27043	9.734	ug/L	100

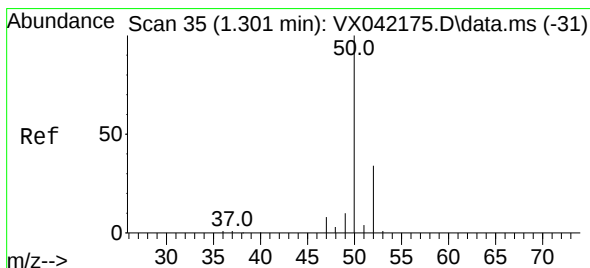
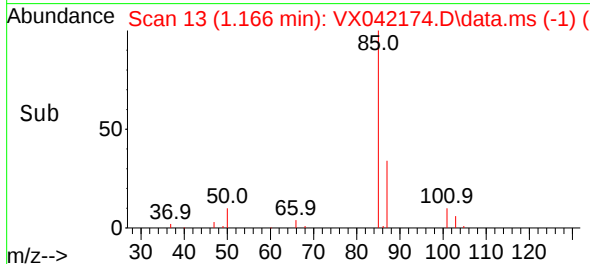
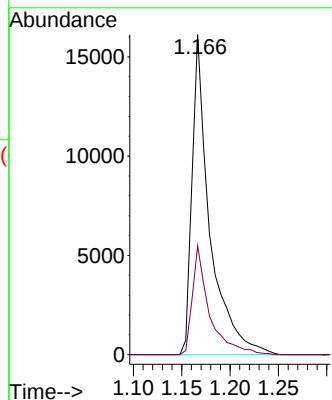
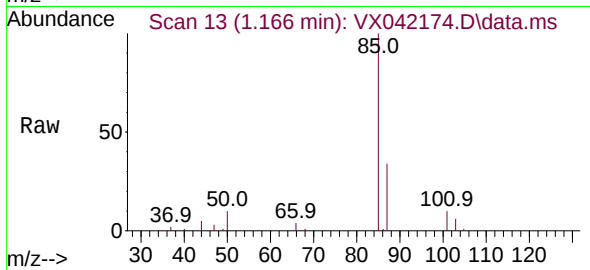
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 10.497 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX042174.D
 Acq: 03 Jul 2024 19:52

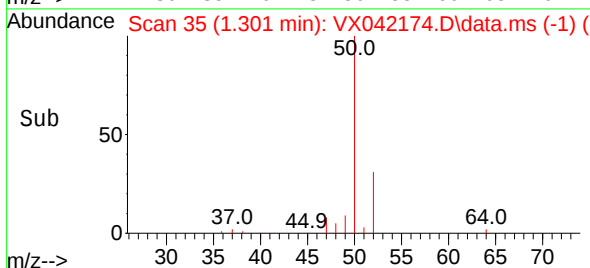
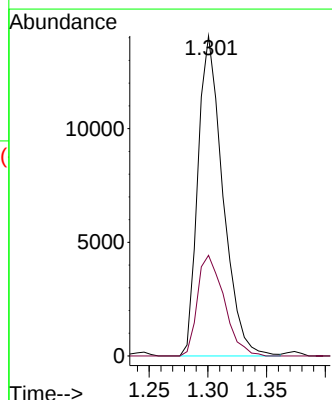
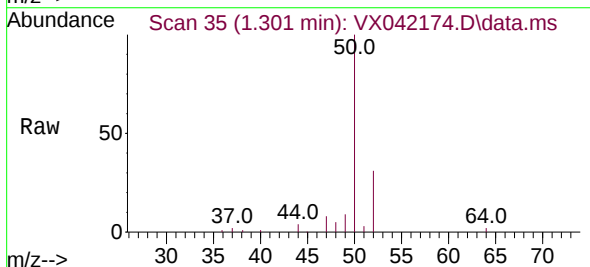
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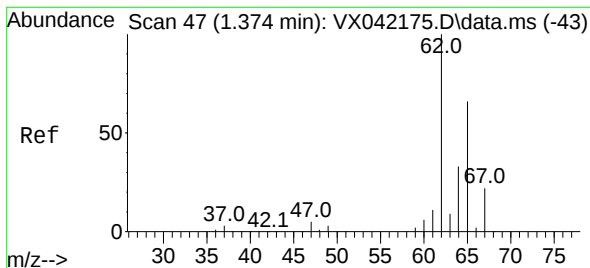
Tgt Ion: 85 Resp: 20487
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 12.070 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX042174.D
 Acq: 03 Jul 2024 19:52

Tgt Ion: 50 Resp: 20818
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.5 43.7





#5

Vinyl chloride

Concen: 11.569 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

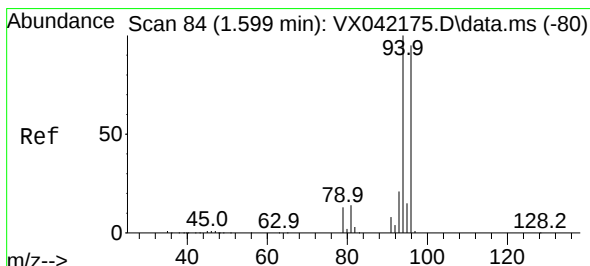
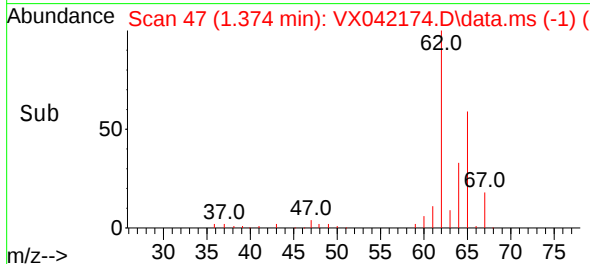
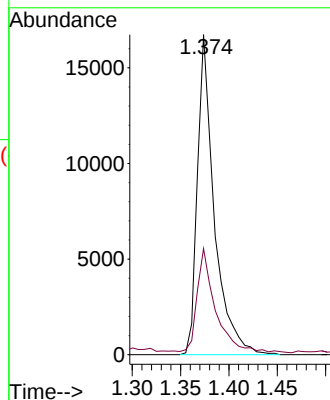
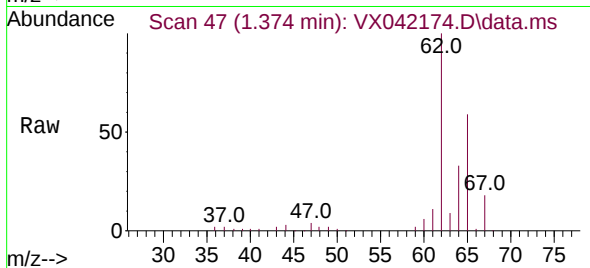
ClientSampleId :

Tgt Ion: 62 Resp: 20353

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.0



#6

Bromomethane

Concen: 9.260 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX042174.D

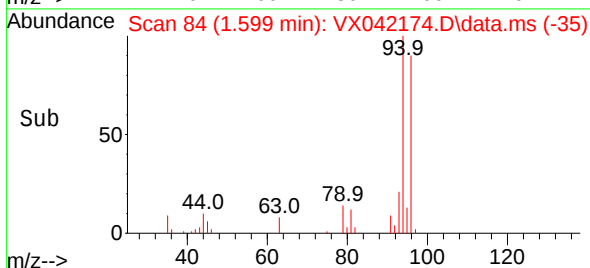
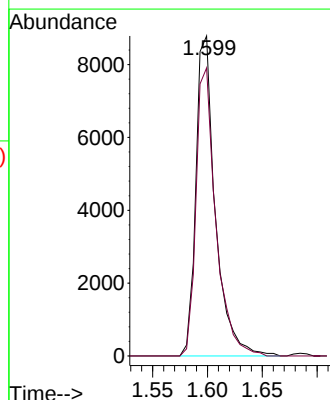
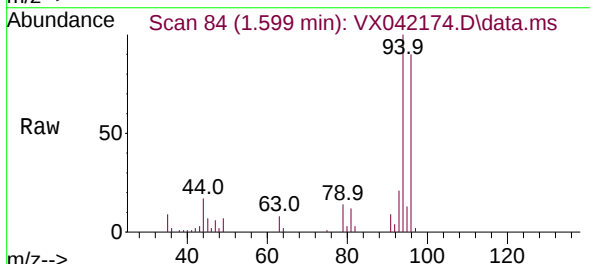
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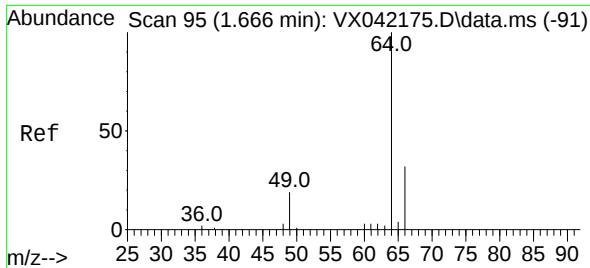
Tgt Ion: 94 Resp: 10862

Ion Ratio Lower Upper

94 100

96 90.0 66.4 123.4

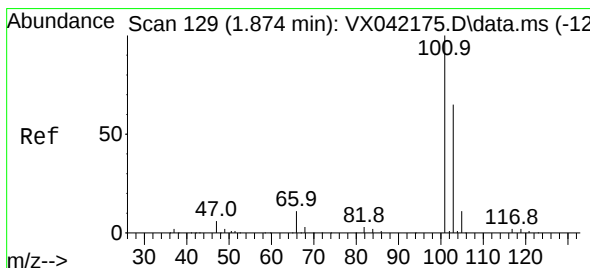
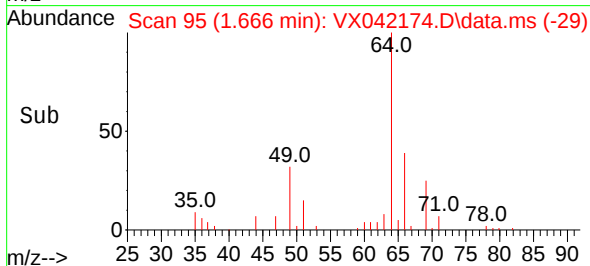
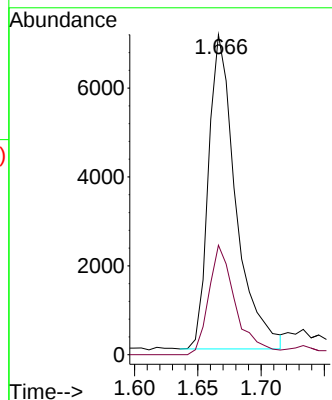
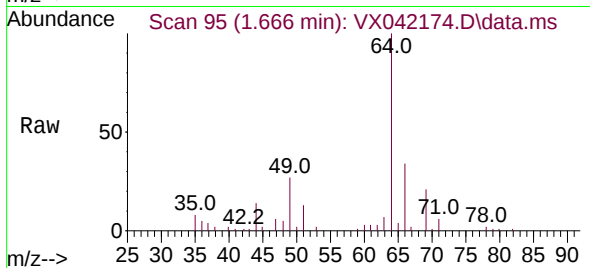




#8
Chloroethane
Concen: 10.726 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

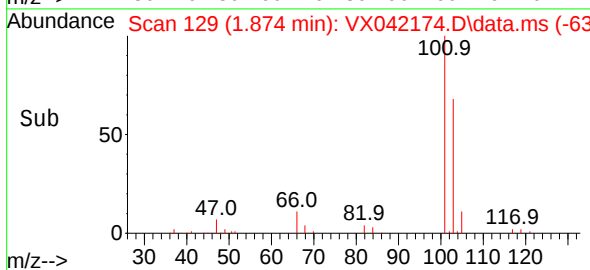
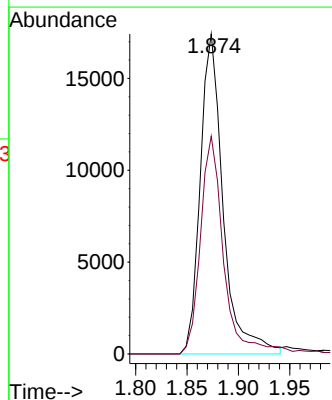
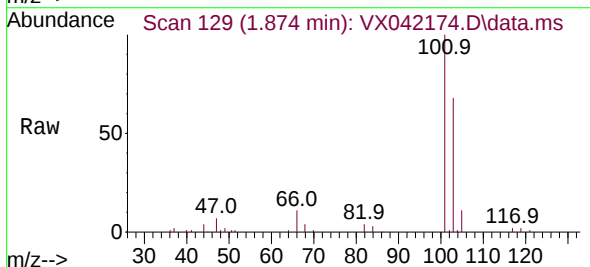
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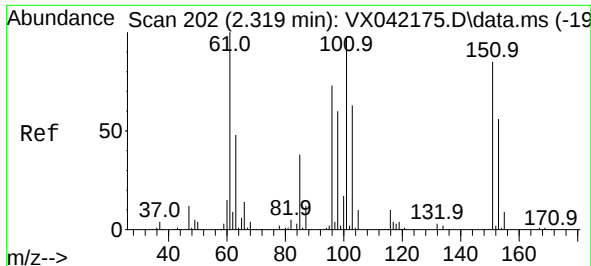
Tgt Ion: 64 Resp: 10629
Ion Ratio Lower Upper
64 100
66 34.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 9.115 ug/L
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion:101 Resp: 27037
Ion Ratio Lower Upper
101 100
103 67.0 50.2 75.4

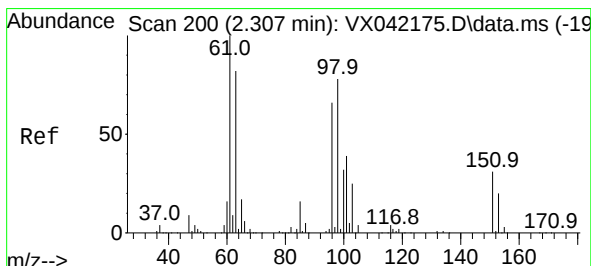
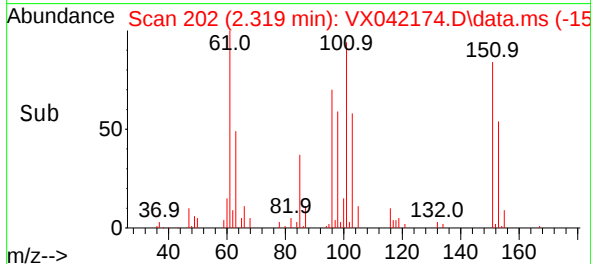
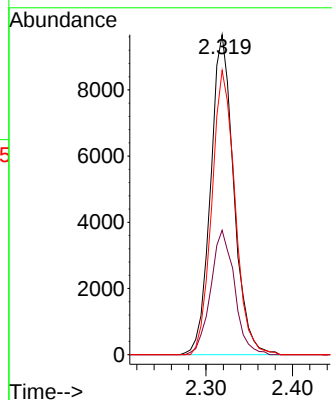
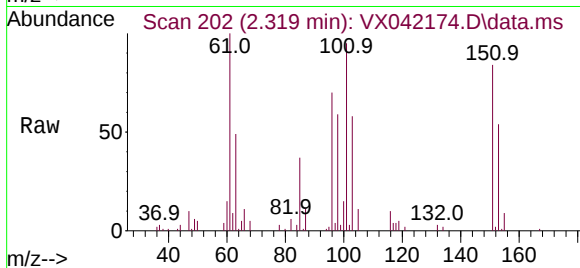




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.930 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX042174.D
 Acq: 03 Jul 2024 19:52

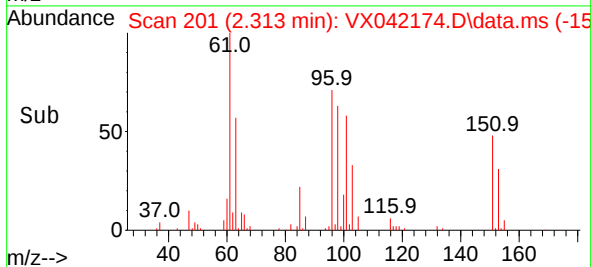
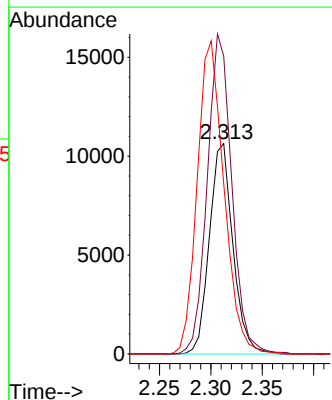
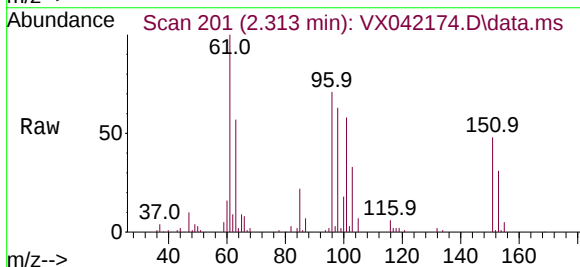
Instrument :
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 ClientSampleId :

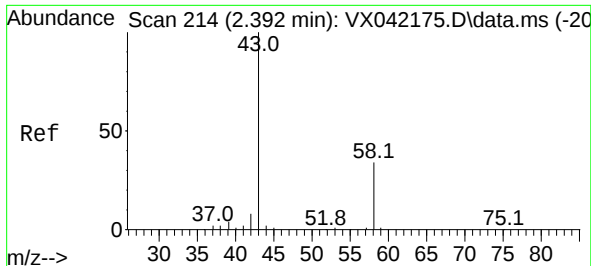
Tgt Ion:101 Resp: 18006
 Ion Ratio Lower Upper
 101 100
 85 39.8 31.3 46.9
 151 88.7 69.7 104.5



#12
 1,1-Dichloroethene
 Concen: 10.443 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX042174.D
 Acq: 03 Jul 2024 19:52

Tgt Ion: 96 Resp: 16993
 Ion Ratio Lower Upper
 96 100
 61 141.5 106.7 198.1
 63 80.9 89.2 165.6#

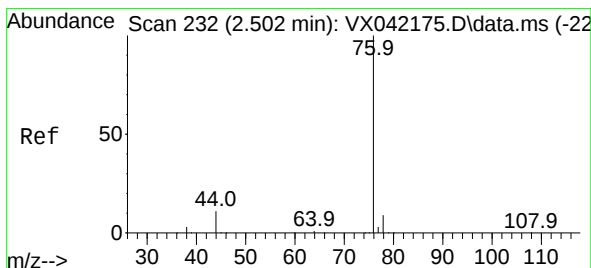
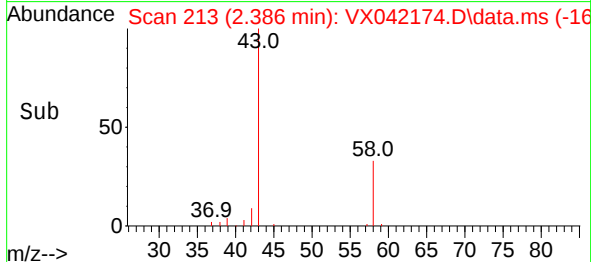
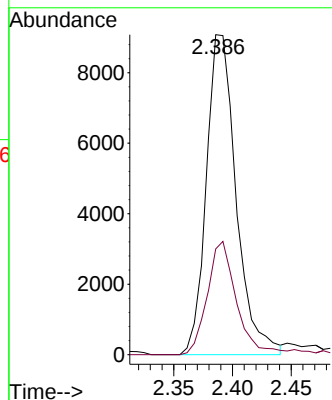
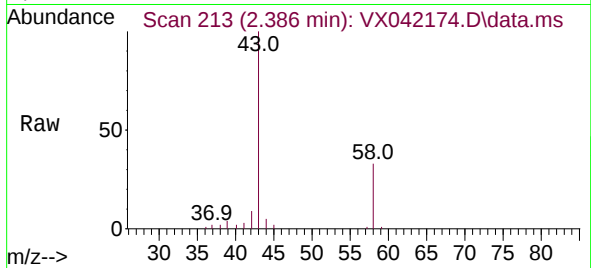




#13
Acetone
Concen: 14.070 ug/L
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

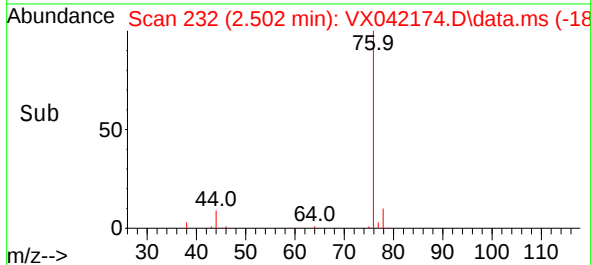
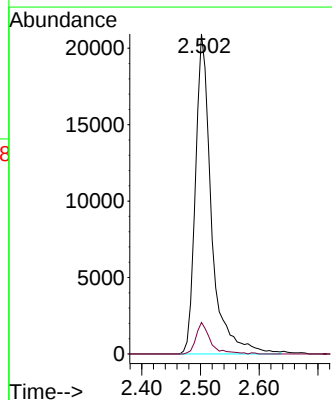
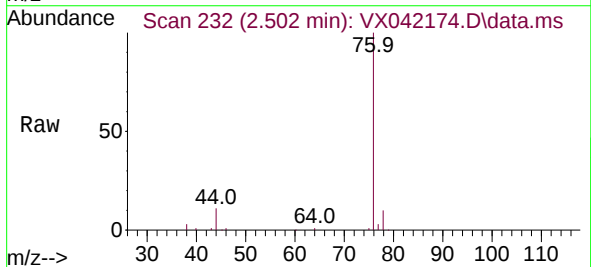
Instrument :
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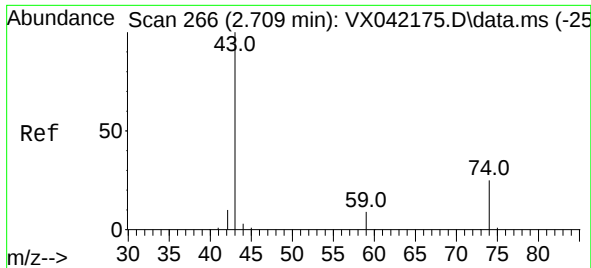
Tgt Ion: 43 Resp: 16058
Ion Ratio Lower Upper
43 100
58 33.6 0.0 62.6



#14
Carbon disulfide
Concen: 10.030 ug/L
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion: 76 Resp: 39760
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

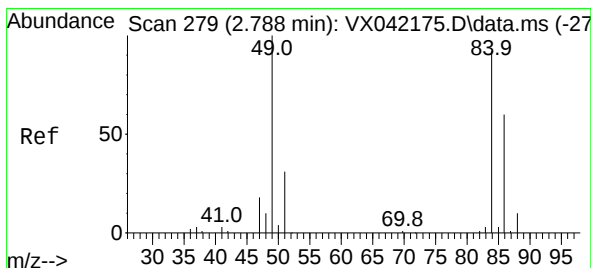
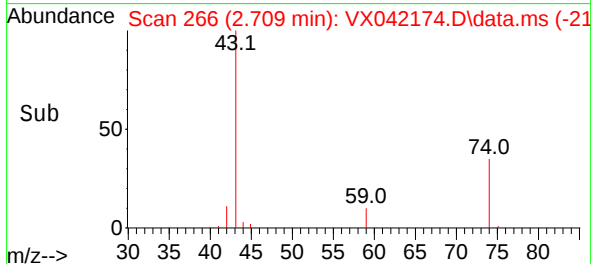
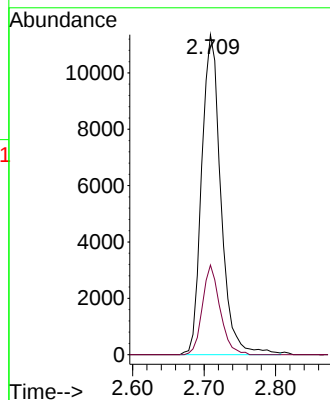
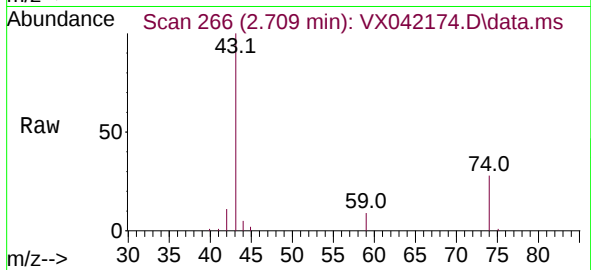




#15
Methyl Acetate
Concen: 10.440 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

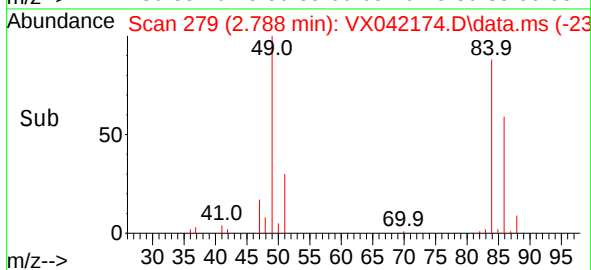
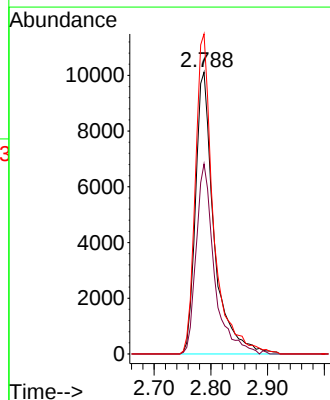
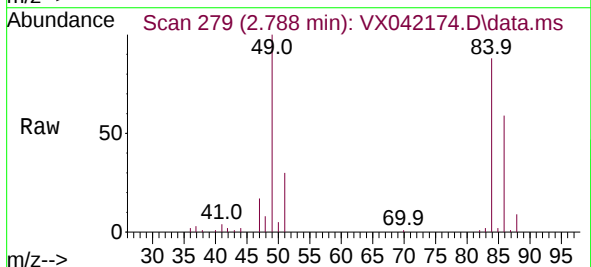
Instrument :
MSVOA_X
ClientSampleId :

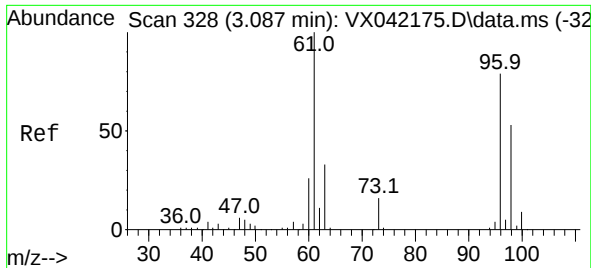
Tgt Ion: 43 Resp: 21208
Ion Ratio Lower Upper
43 100
74 25.7 20.1 30.1



#16
Methylene chloride
Concen: 12.518 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion: 84 Resp: 22931
Ion Ratio Lower Upper
84 100
86 67.5 45.7 84.9
49 113.6 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 10.411 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

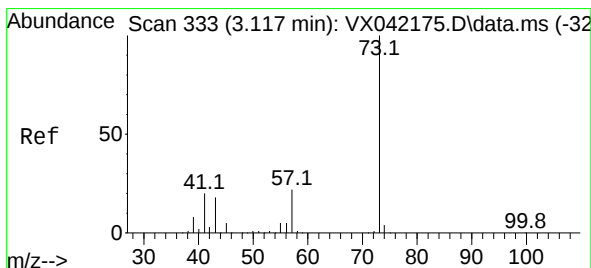
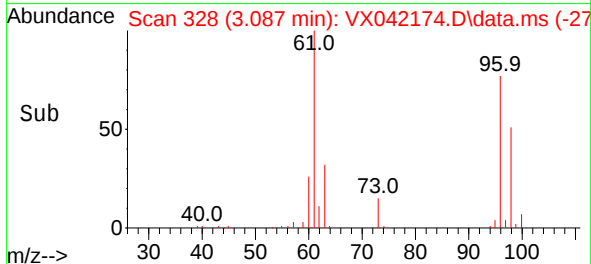
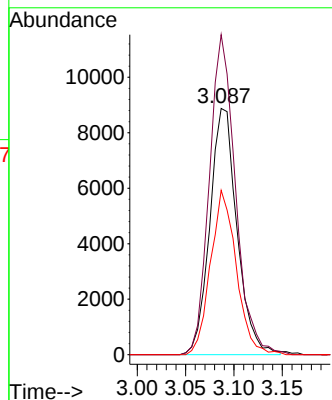
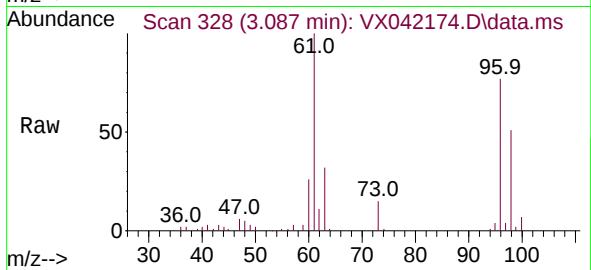
Tgt Ion: 96 Resp: 17378

Ion Ratio Lower Upper

96 100

61 129.9 88.4 164.2

98 66.7 46.5 86.5



#18

Methyl tert-butyl Ether

Concen: 10.080 ug/L

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

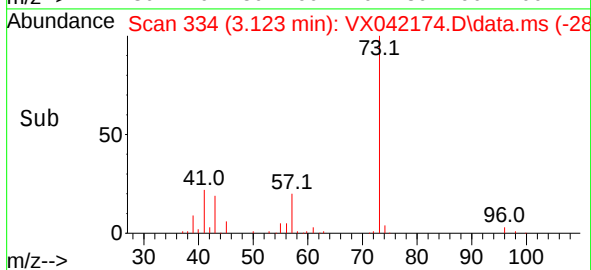
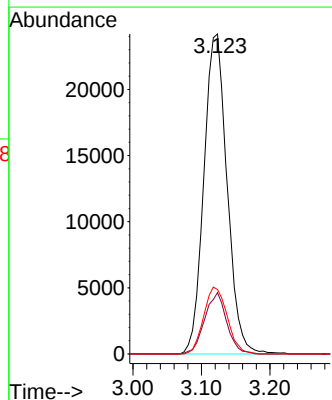
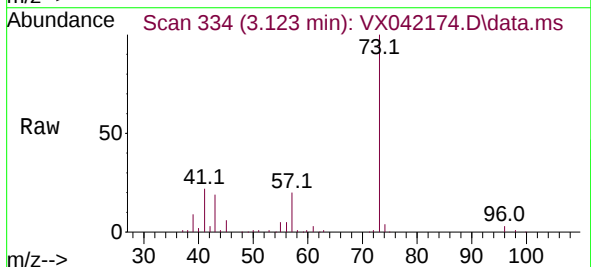
Tgt Ion: 73 Resp: 57019

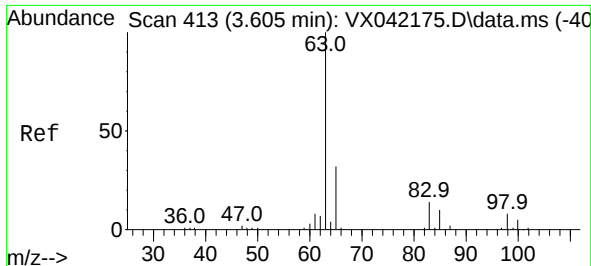
Ion Ratio Lower Upper

73 100

43 18.2 14.5 21.7

57 21.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 10.170 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

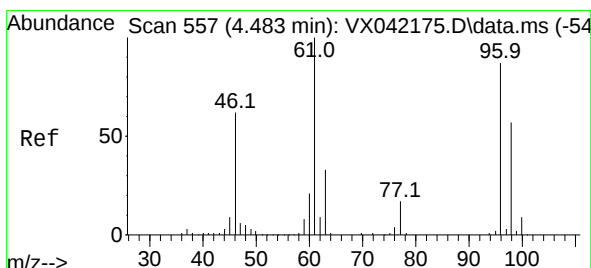
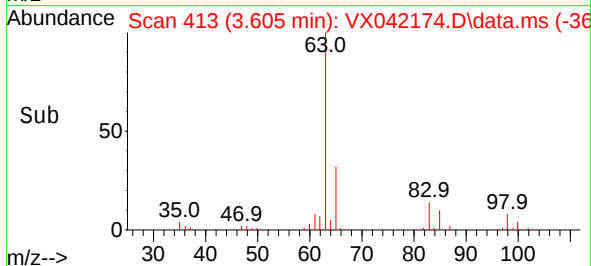
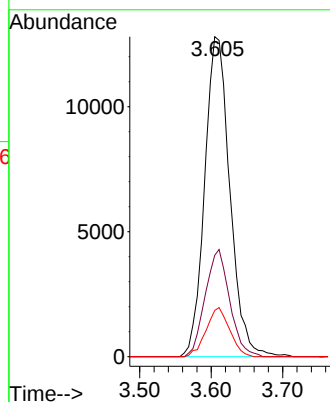
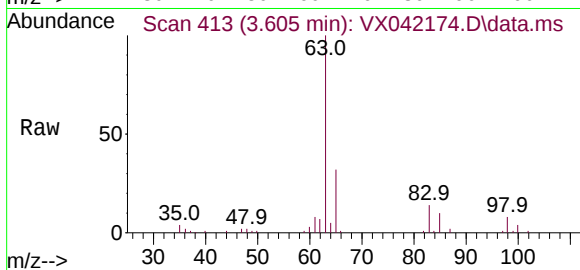
Tgt Ion: 63 Resp: 31349

Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

83 14.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 10.442 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

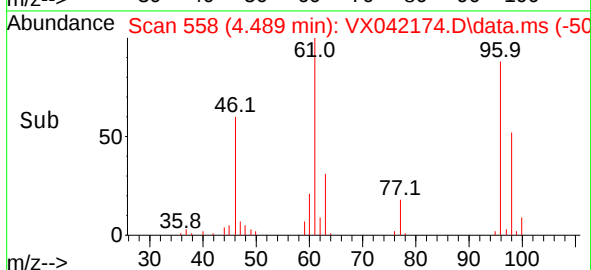
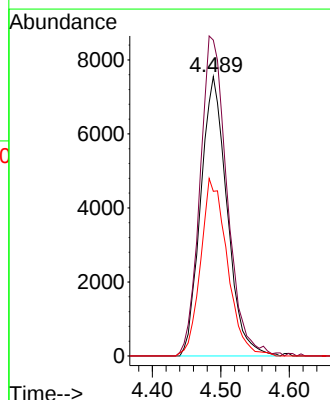
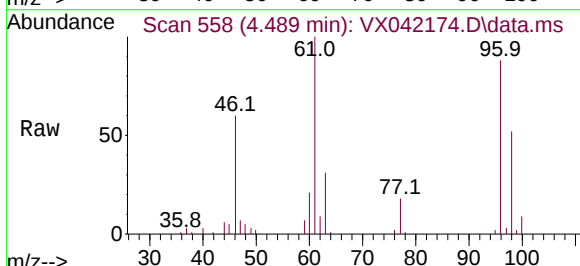
Tgt Ion: 96 Resp: 20258

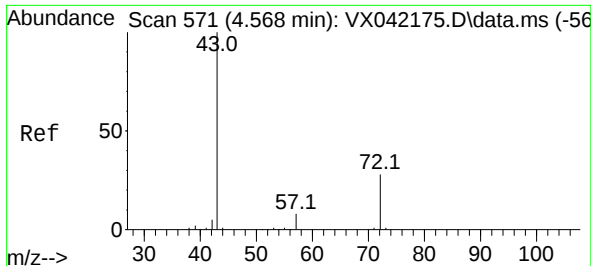
Ion Ratio Lower Upper

96 100

61 113.0 80.5 149.5

98 58.9 45.7 84.9

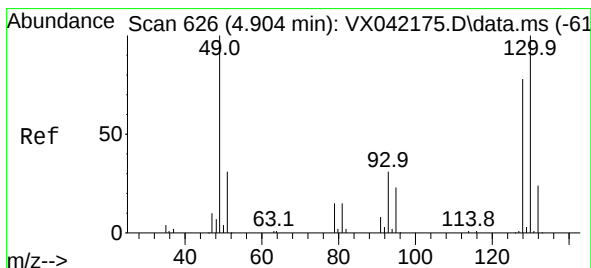
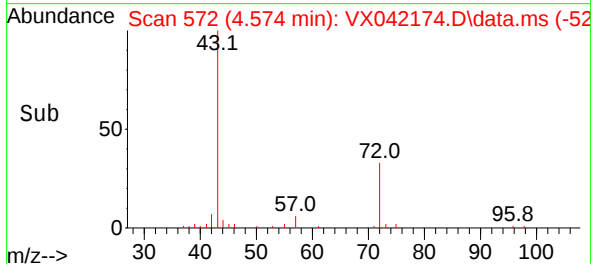
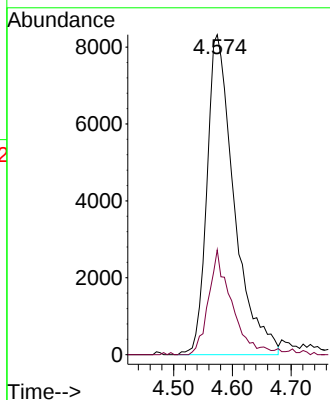
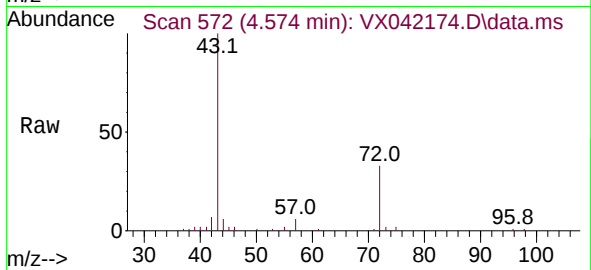




#22
2-Butanone
Concen: 18.095 ug/L
RT: 4.574 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

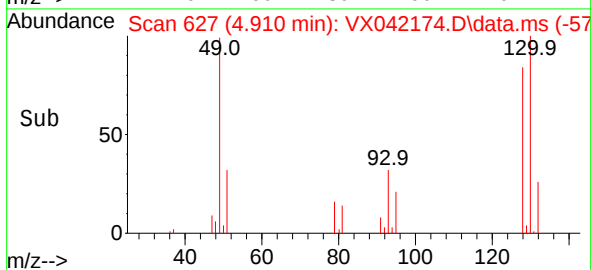
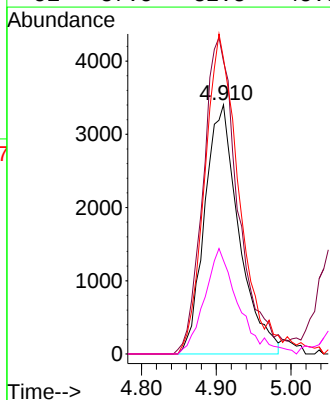
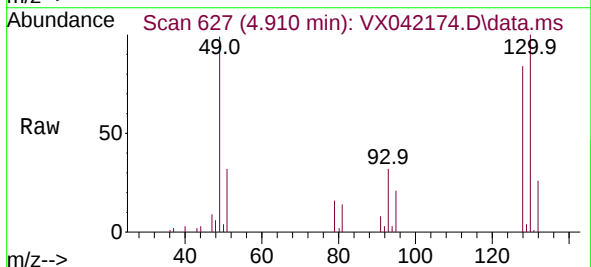
Instrument :
MSVOA_X
ClientSampleId :

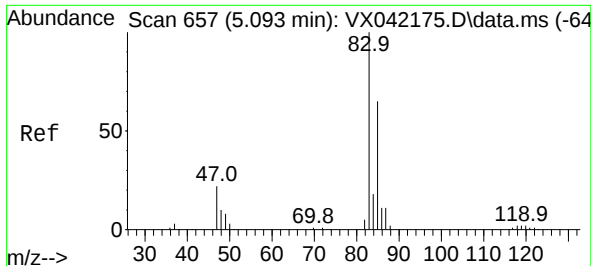
Tgt Ion: 43 Resp: 26796
Ion Ratio Lower Upper
43 100
72 26.9 13.7 41.1



#23
Bromochloromethane
Concen: 10.475 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion: 128 Resp: 10849
Ion Ratio Lower Upper
128 100
49 117.5 89.7 166.7
130 118.5 90.0 167.2
51 37.5 32.3 48.5





#25

Chloroform

Concen: 9.909 ug/L

RT: 5.099 min Scan# 60

Delta R.T. 0.006 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

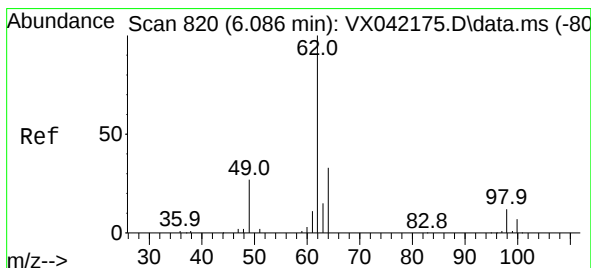
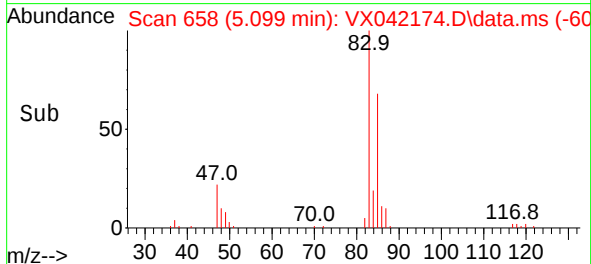
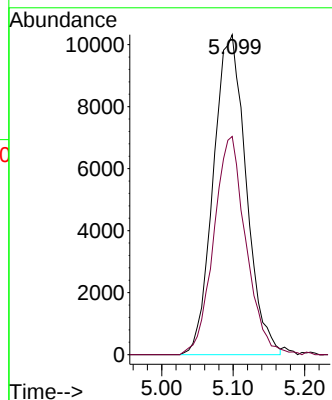
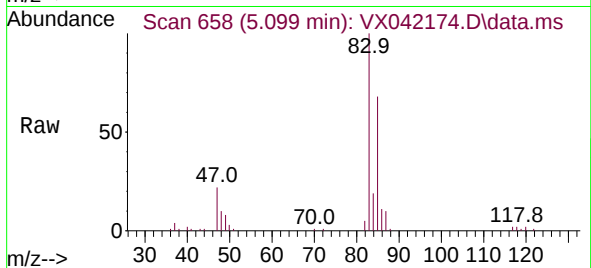
ClientSampleId :

Tgt Ion: 83 Resp: 32839

Ion Ratio Lower Upper

83 100

85 68.2 45.8 85.2



#27

1,2-Dichloroethane

Concen: 9.184 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX042174.D

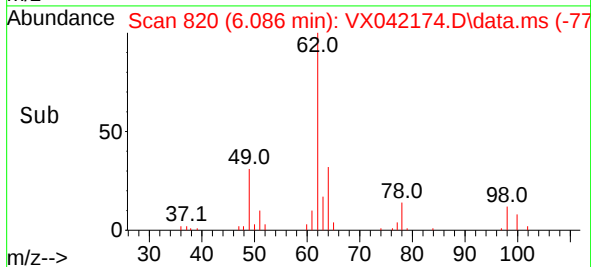
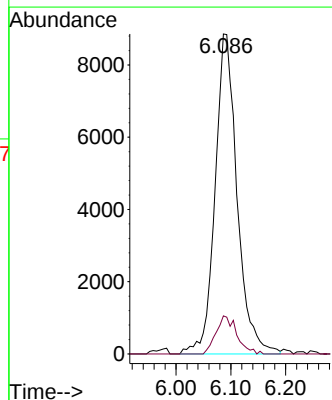
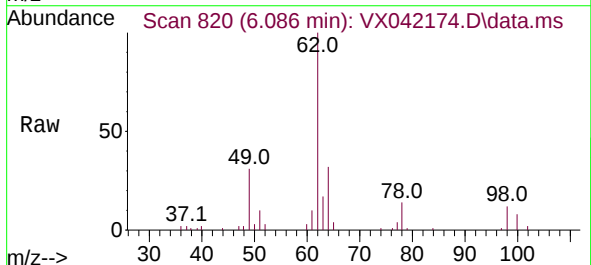
Acq: 03 Jul 2024 19:52

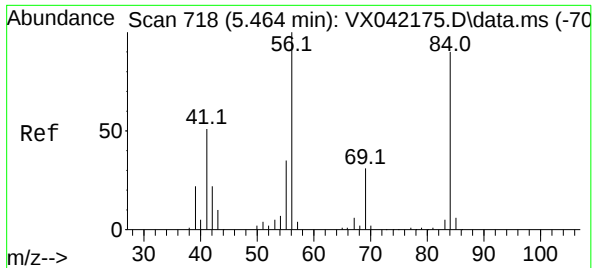
Tgt Ion: 62 Resp: 24808

Ion Ratio Lower Upper

62 100

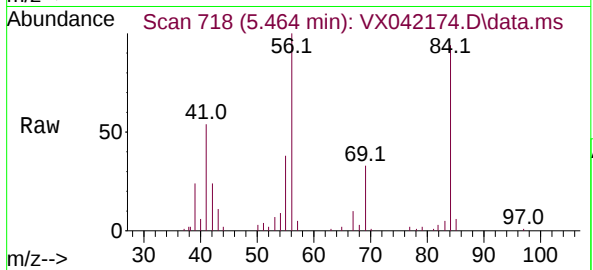
98 11.9 9.3 13.9



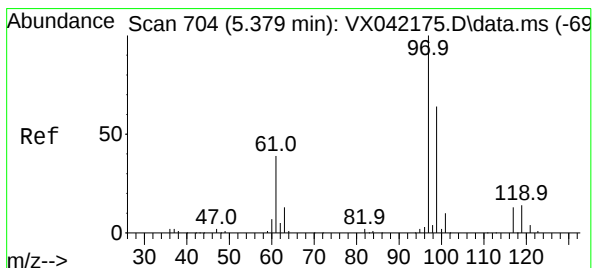
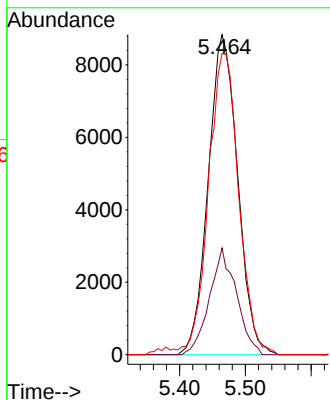
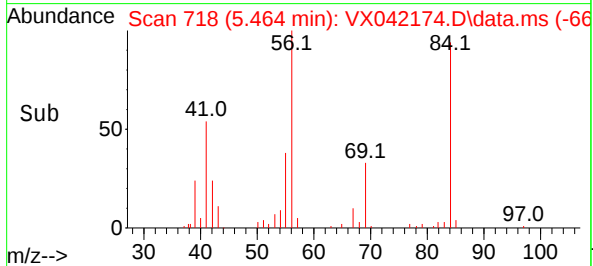


#29
Cyclohexane
Concen: 9.790 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

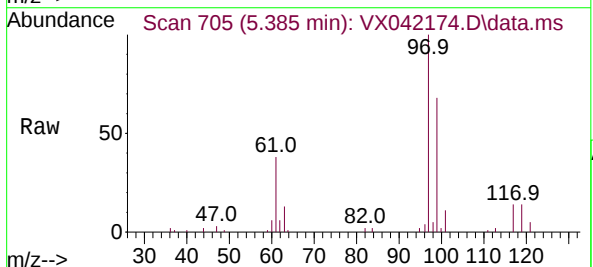
Instrument :
MSVOA_X
ClientSampleId :



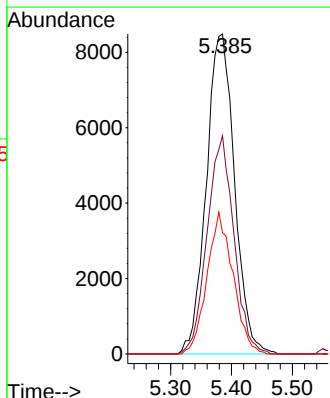
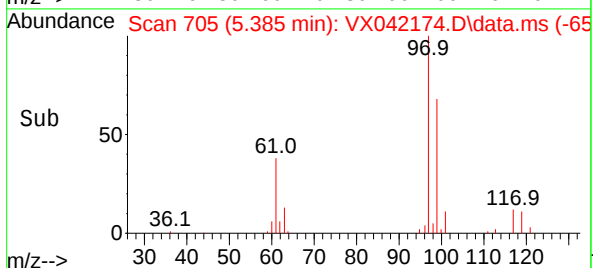
Tgt Ion:	56	Resp:	27515
Ion Ratio	Lower	Upper	
56	100		
69	30.6	25.3	37.9
84	96.7	74.0	111.0

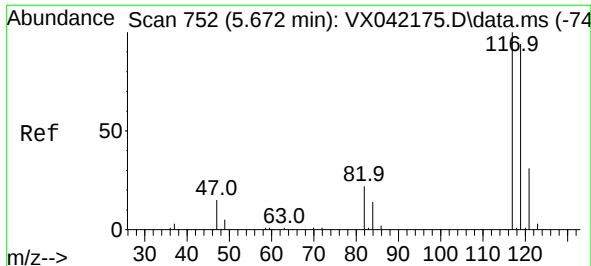


#30
1,1,1-Trichloroethane
Concen: 9.316 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52



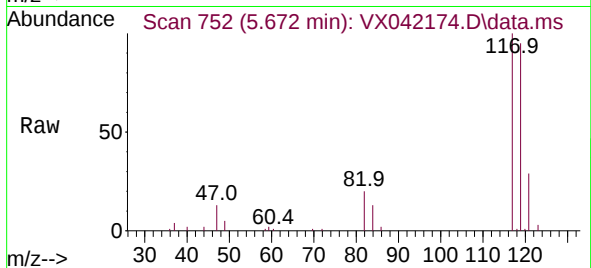
Tgt Ion:	97	Resp:	27379
Ion Ratio	Lower	Upper	
97	100		
99	64.5	52.0	78.0
61	40.7	31.2	46.8



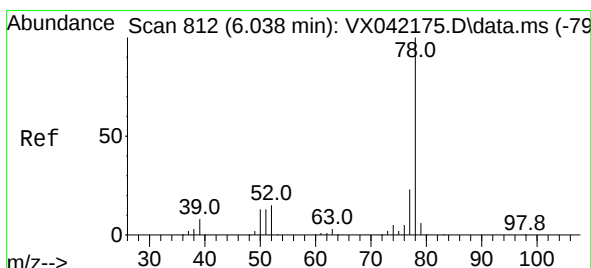
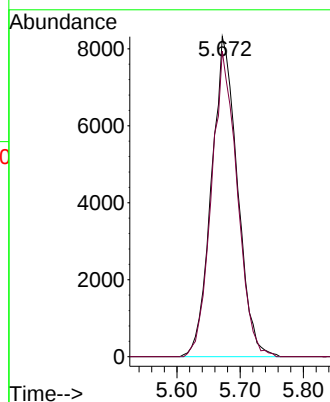
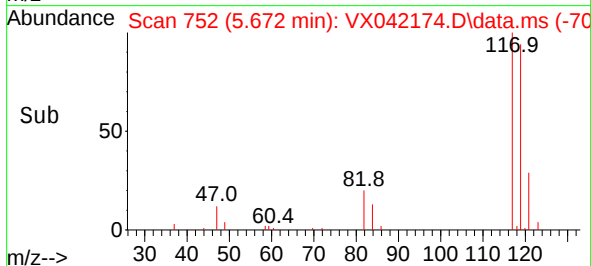


#31
Carbon tetrachloride
Concen: 9.128 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :

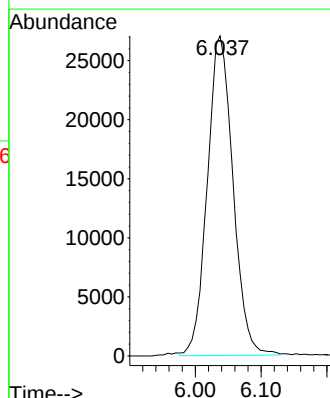
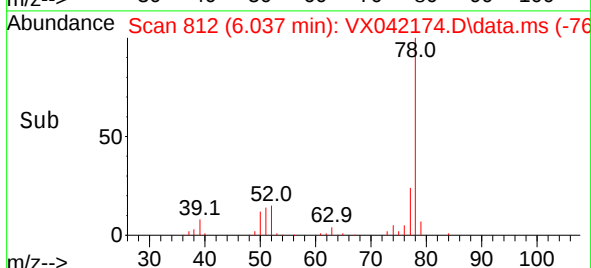
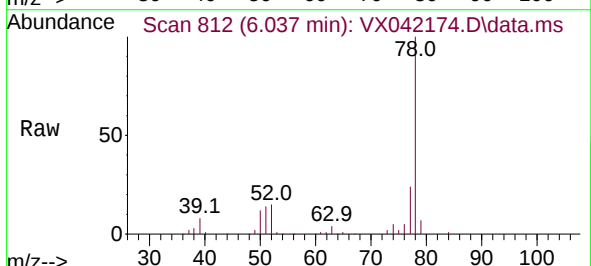


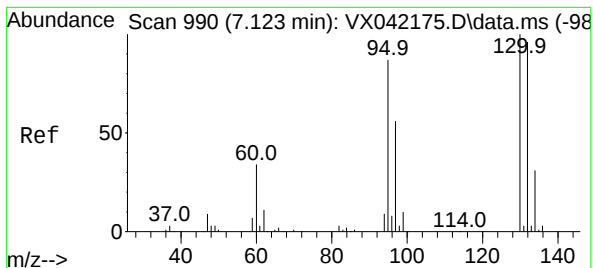
Tgt Ion:117 Resp: 23730
Ion Ratio Lower Upper
117 100
119 94.3 77.7 116.5



#33
Benzene
Concen: 10.376 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion: 78 Resp: 73704





#34

Trichloroethene

Concen: 9.435 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 18244

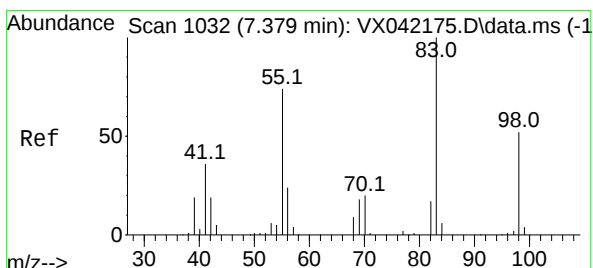
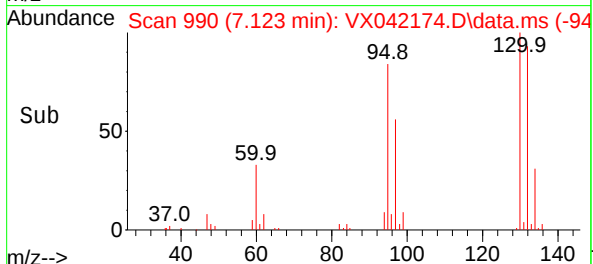
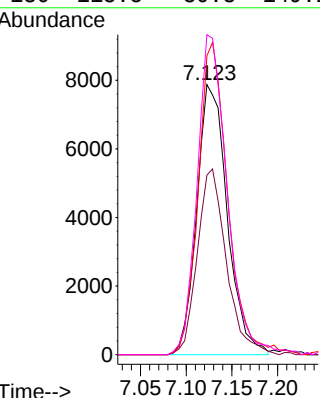
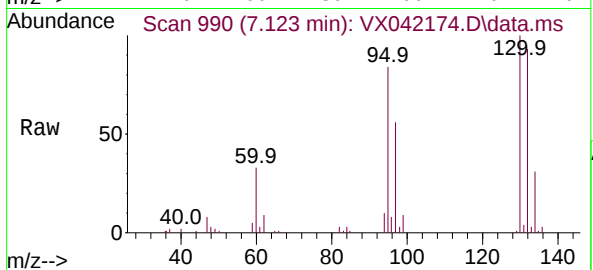
Ion Ratio Lower Upper

95 100

97 66.5 45.1 83.7

132 110.7 77.2 143.4

130 118.5 80.3 149.1



#35

Methylcyclohexane

Concen: 9.538 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

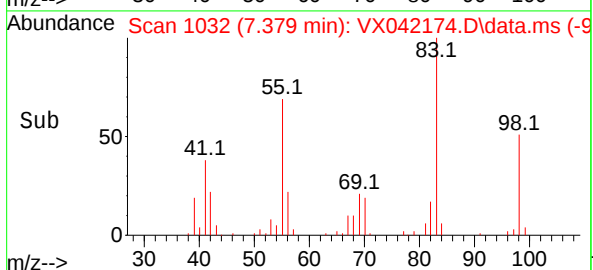
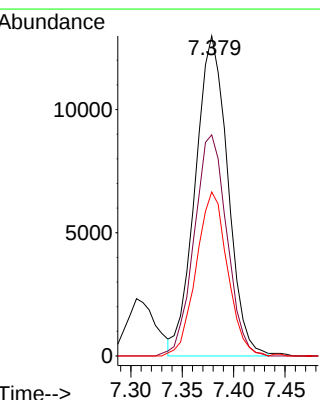
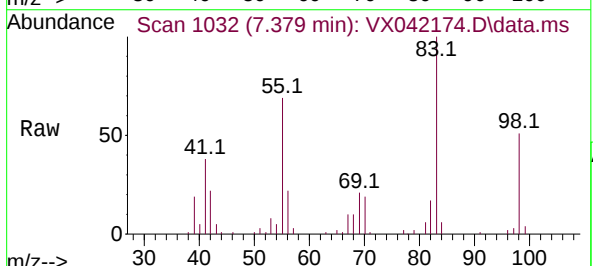
Tgt Ion: 83 Resp: 28542

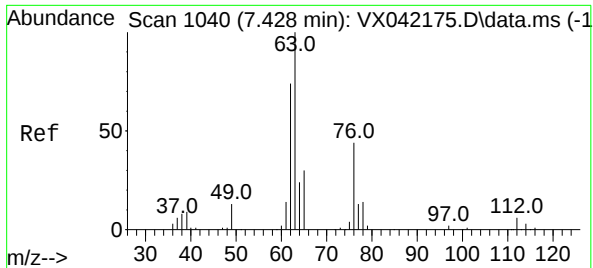
Ion Ratio Lower Upper

83 100

55 69.3 56.4 84.6

98 49.2 40.4 60.6

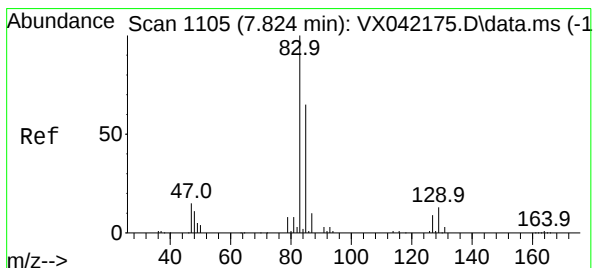
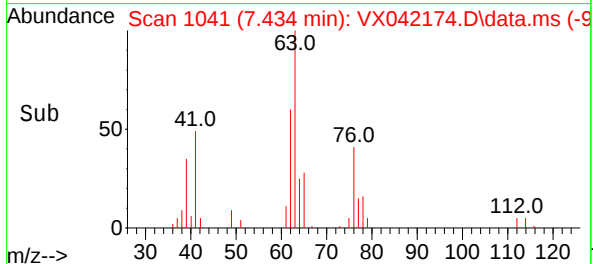
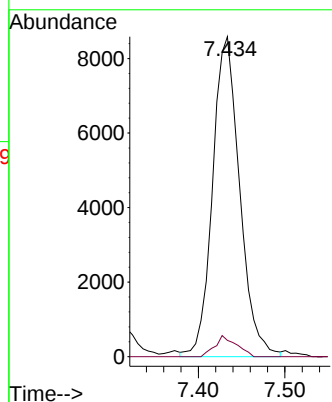
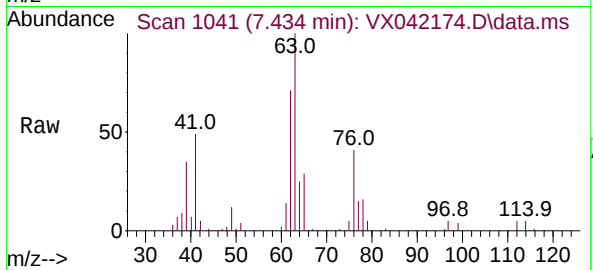




#37
1,2-Dichloropropane
Concen: 10.401 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

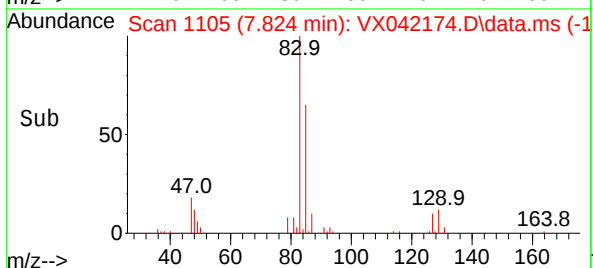
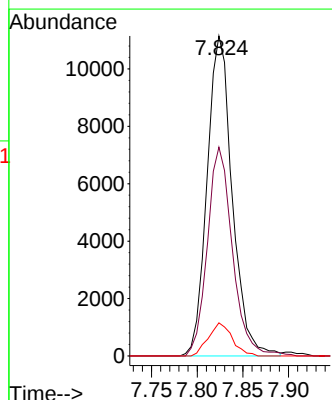
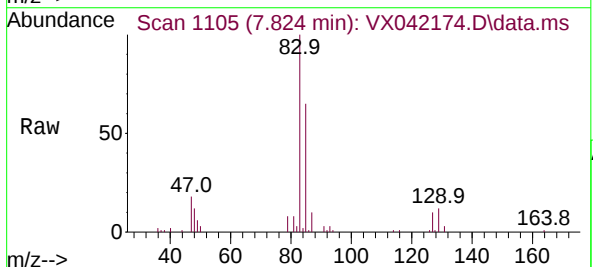
Instrument :
MSVOA_X
ClientSampleId :

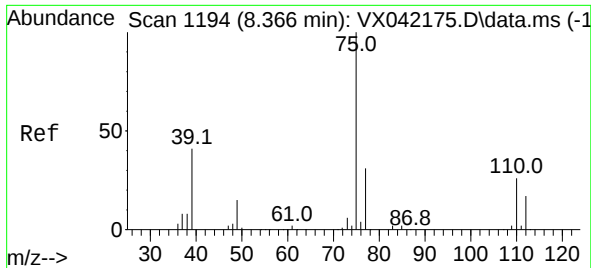
Tgt Ion: 63 Resp: 18682
Ion Ratio Lower Upper
63 100
112 5.2 4.3 6.5



#38
Bromodichloromethane
Concen: 8.933 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion: 83 Resp: 21360
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.2
127 11.5 7.3 10.9#

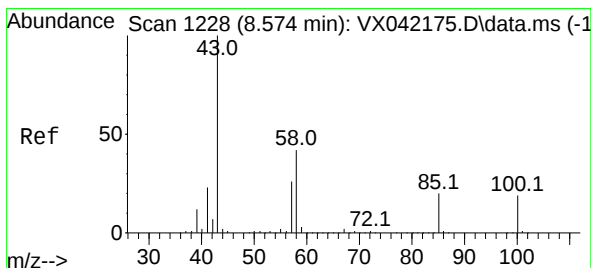
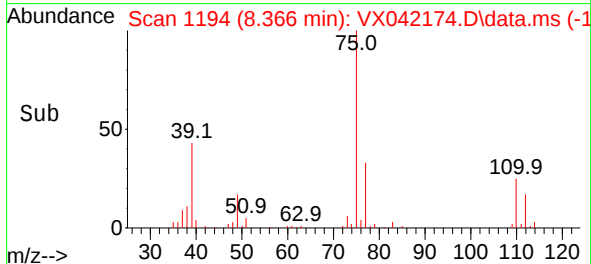
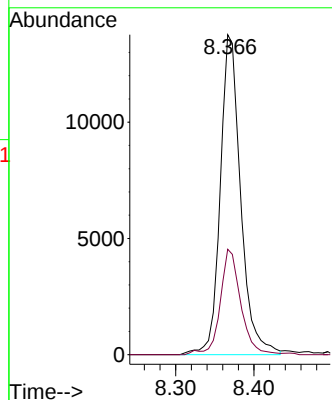
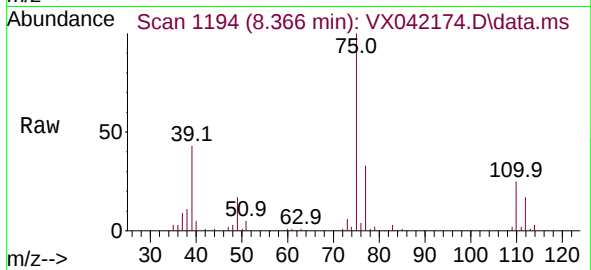




#39
 cis-1,3-Dichloropropene
 Concen: 8.524 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX042174.D
 Acq: 03 Jul 2024 19:52

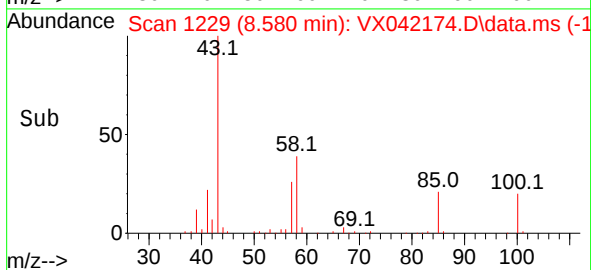
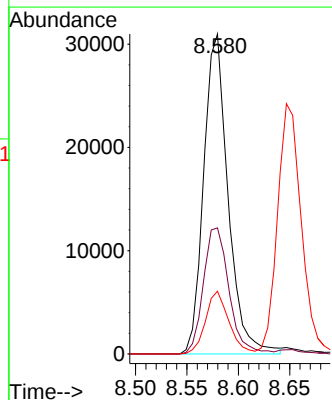
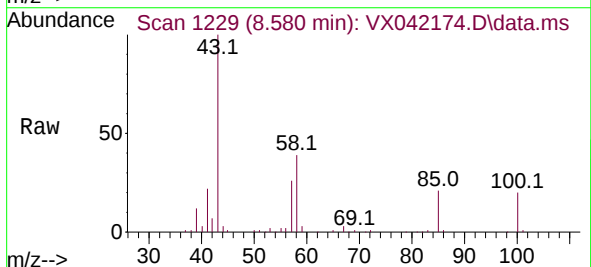
Instrument :
 MSVOA_X
 ClientSampleId :

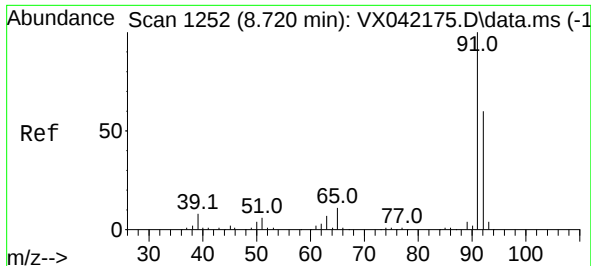
Tgt Ion: 75 Resp: 24994
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 18.016 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: VX042174.D
 Acq: 03 Jul 2024 19:52

Tgt Ion: 43 Resp: 51263
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.7 50.5
 100 18.8 15.4 23.2





#42

Toluene

Concen: 10.039 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

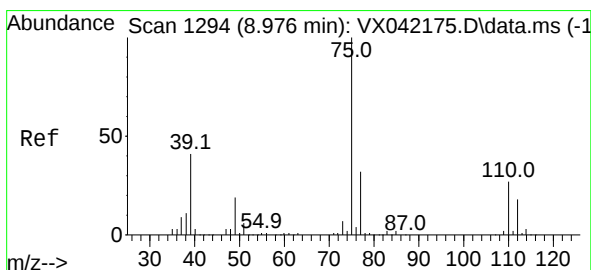
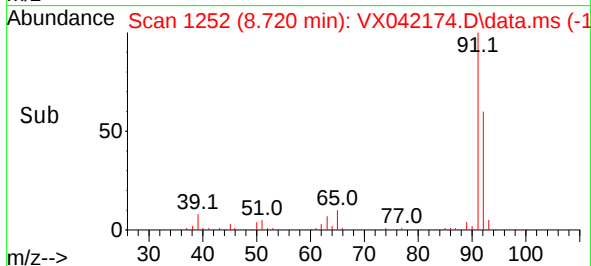
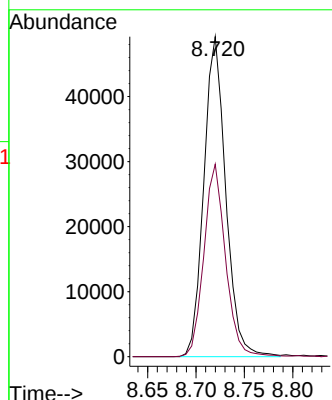
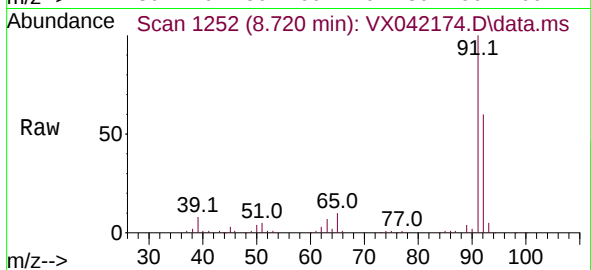
ClientSampleId :

Tgt Ion: 91 Resp: 77756

Ion Ratio Lower Upper

91 100

92 60.1 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 8.188 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX042174.D

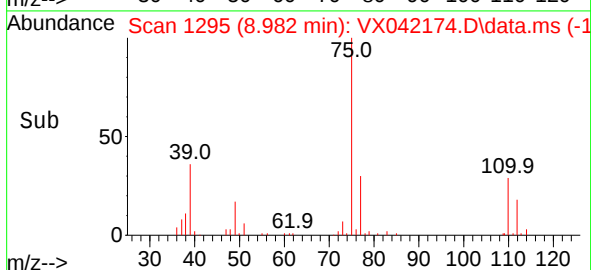
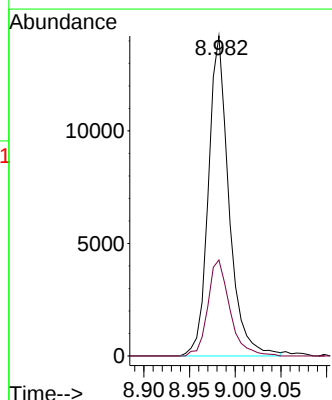
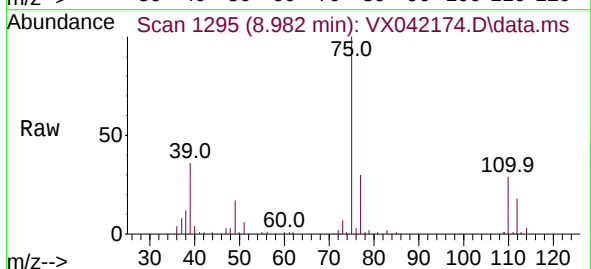
Acq: 03 Jul 2024 19:52

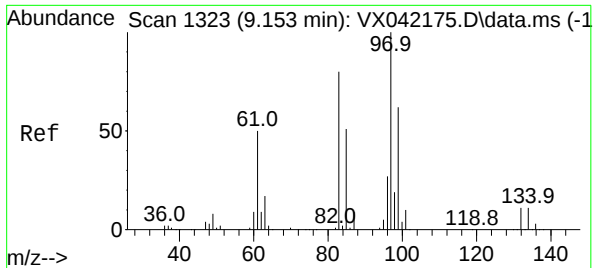
Tgt Ion: 75 Resp: 22218

Ion Ratio Lower Upper

75 100

77 30.0 22.2 41.2

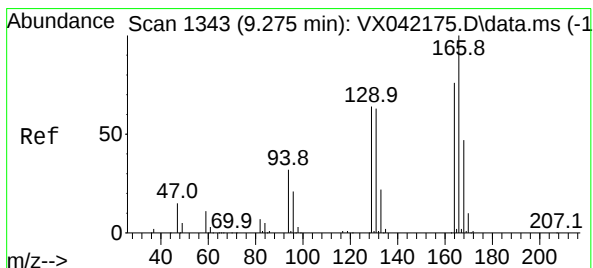
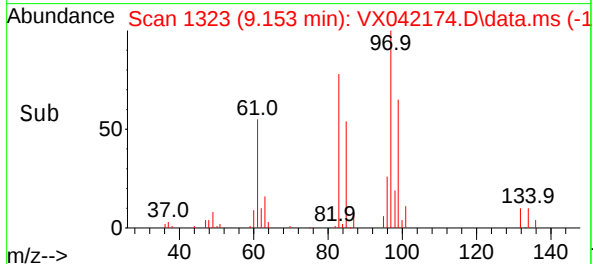
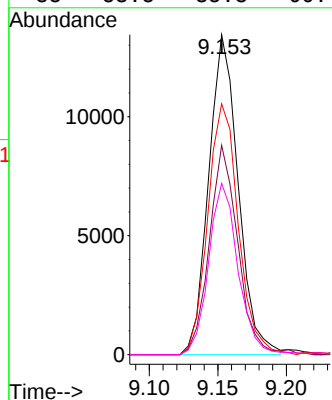
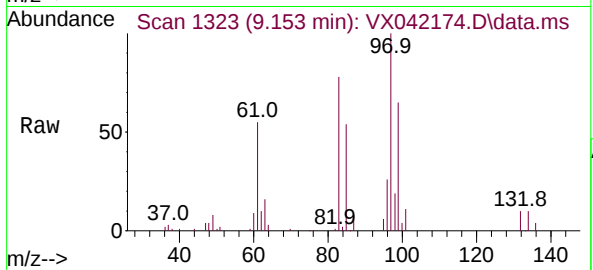




#45
1,1,2-Trichloroethane
Concen: 10.159 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

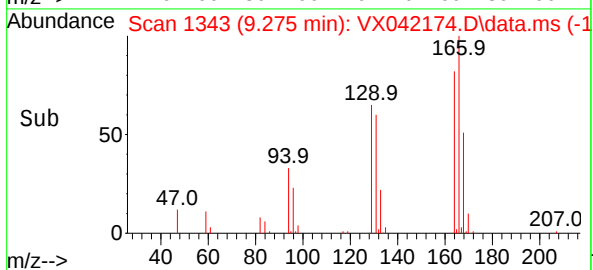
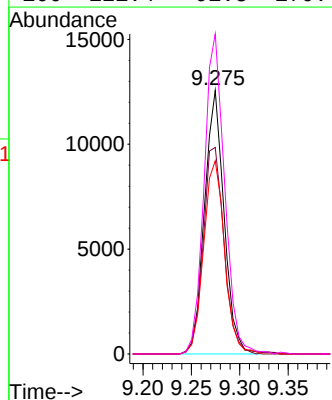
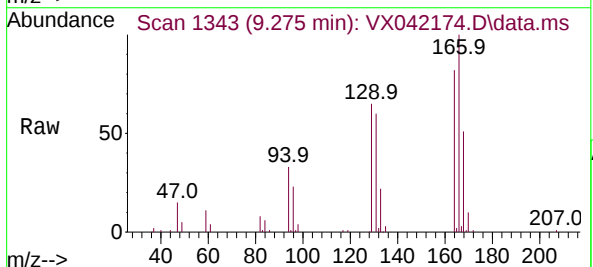
Instrument :
MSVOA_X
ClientSampleId :

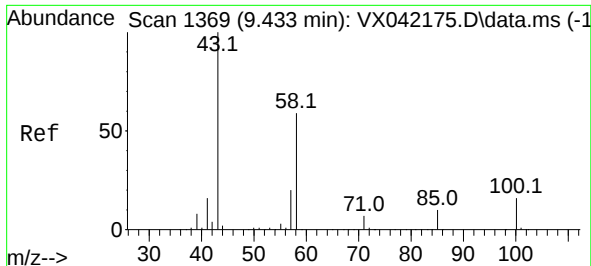
Tgt Ion:	97	Resp:	20162
Ion	Ratio	Lower	Upper
97	100		
99	65.5	43.3	80.3
83	78.4	56.2	104.4
85	53.5	35.8	66.4



#46
Tetrachloroethene
Concen: 9.601 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion:	164	Resp:	17795
Ion	Ratio	Lower	Upper
164	100		
129	78.3	58.6	108.8
131	73.3	57.9	107.5
166	121.4	91.8	170.4





#48

2-Hexanone

Concen: 18.176 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 40887

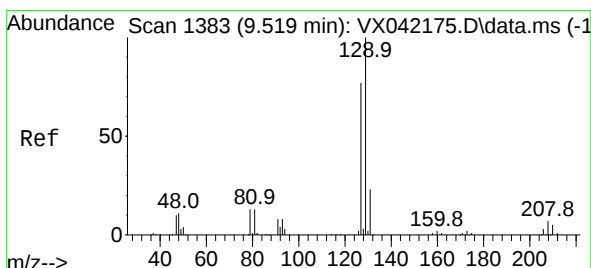
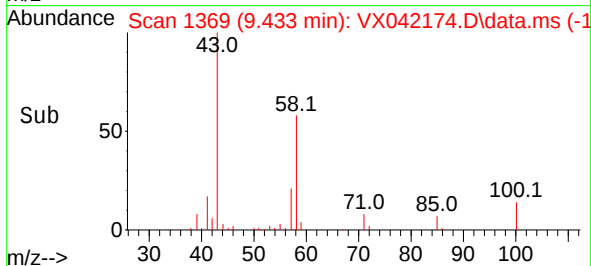
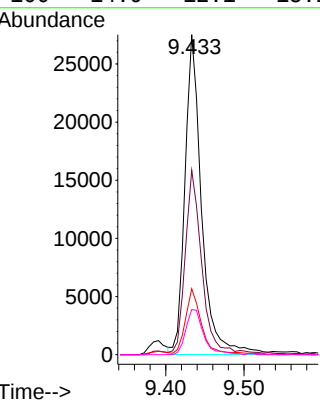
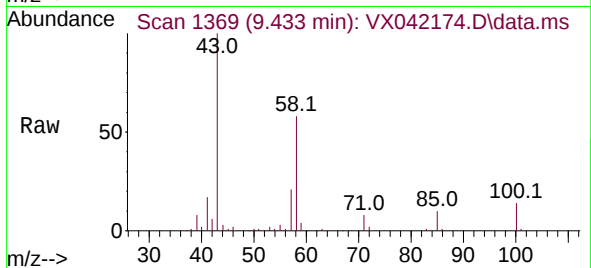
Ion Ratio Lower Upper

43 100

58 55.4 46.4 69.6

57 20.2 16.3 24.5

100 14.9 12.1 18.1



#49

Dibromochloromethane

Concen: 9.266 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX042174.D

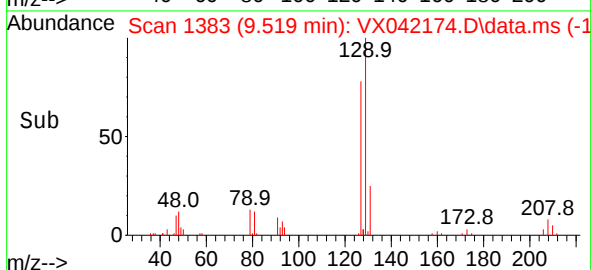
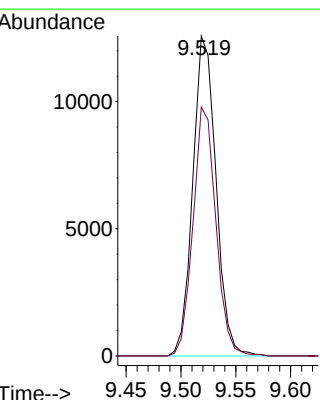
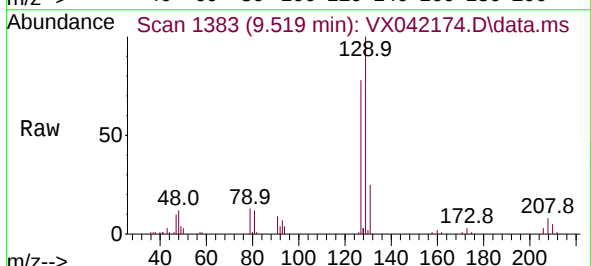
Acq: 03 Jul 2024 19:52

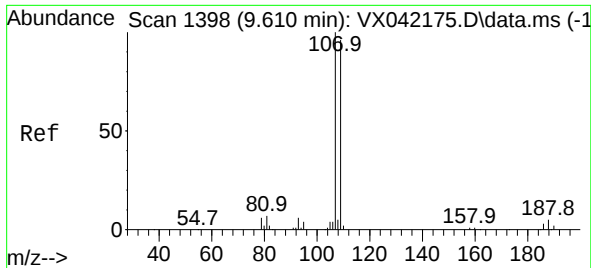
Tgt Ion: 129 Resp: 18531

Ion Ratio Lower Upper

129 100

127 77.8 53.7 99.7

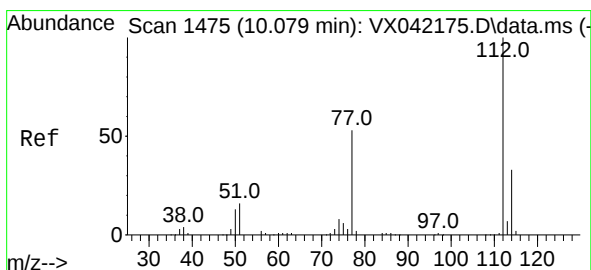
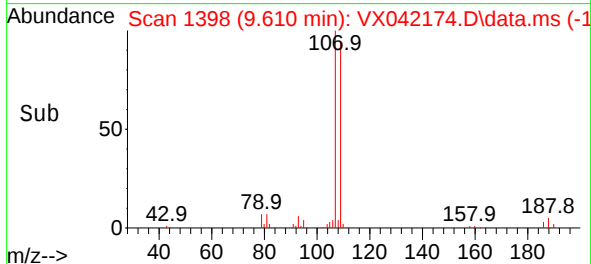
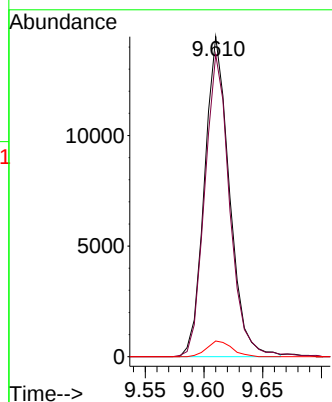
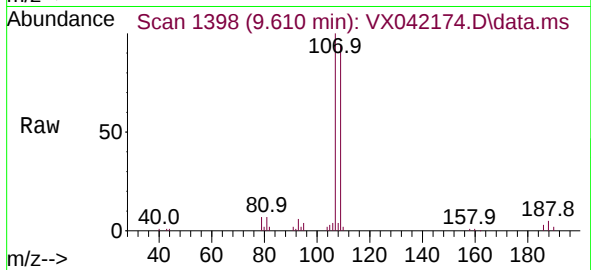




#50
1,2-Dibromoethane
Concen: 10.367 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

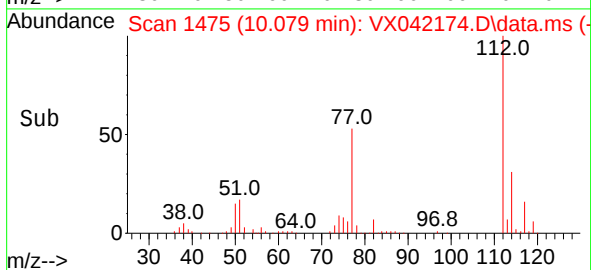
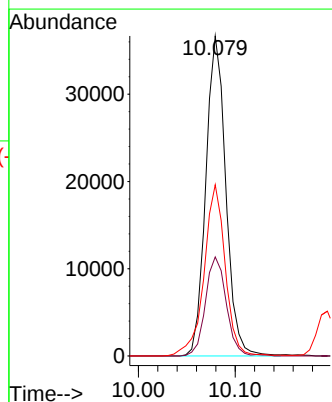
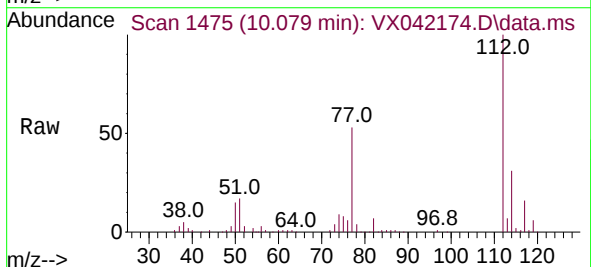
Instrument :
MSVOA_X
ClientSampleId :

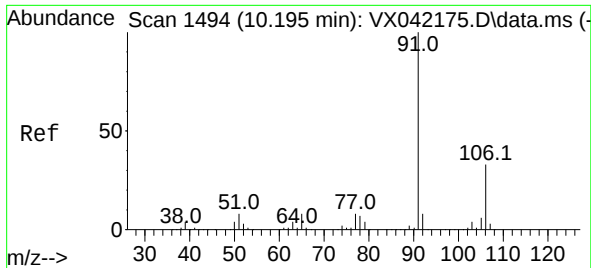
Tgt Ion:107 Resp: 21378
Ion Ratio Lower Upper
107 100
109 94.4 67.5 125.3
188 4.9 4.2 6.2



#51
Chlorobenzene
Concen: 10.256 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion:112 Resp: 52916
Ion Ratio Lower Upper
112 100
114 31.0 23.2 43.2
77 53.5 43.0 64.4

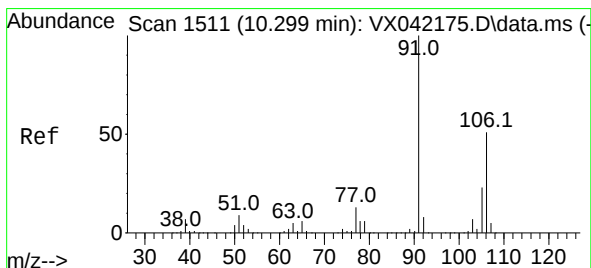
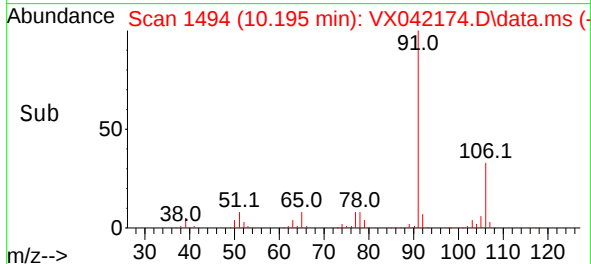
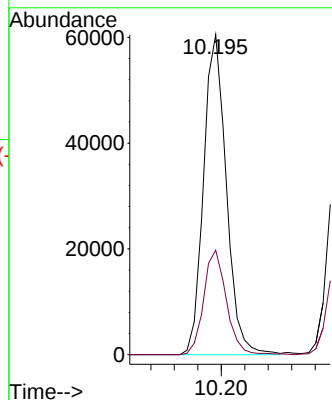
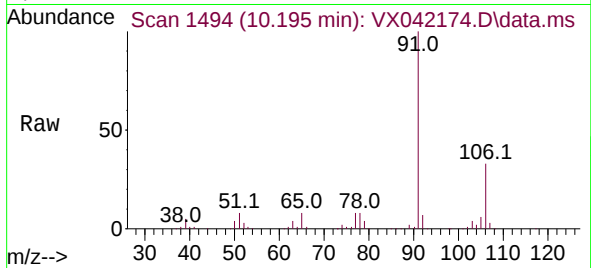




#52
Ethylbenzene
Concen: 9.620 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

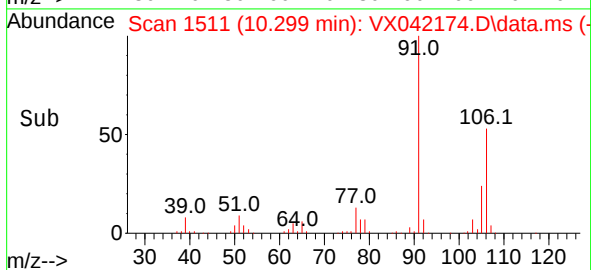
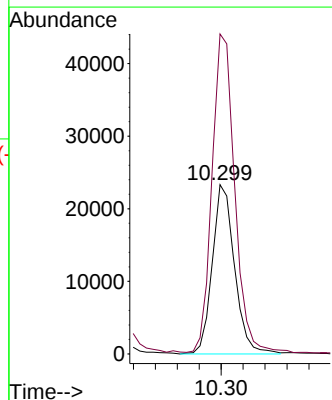
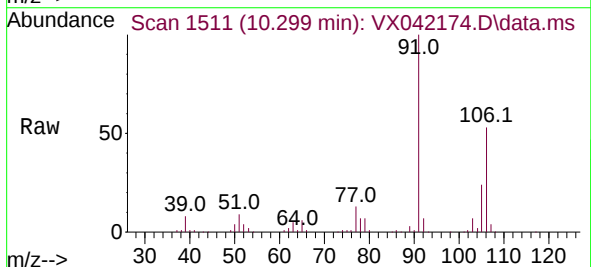
Instrument :
MSVOA_X
ClientSampleId :

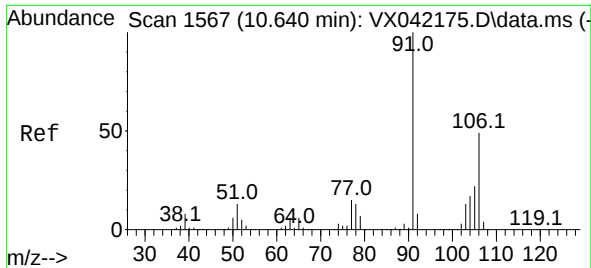
Tgt Ion: 91 Resp: 81400
Ion Ratio Lower Upper
91 100
106 32.7 23.1 42.9



#53
m,p-Xylene
Concen: 9.584 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion: 106 Resp: 32937
Ion Ratio Lower Upper
106 100
91 189.1 136.4 253.2

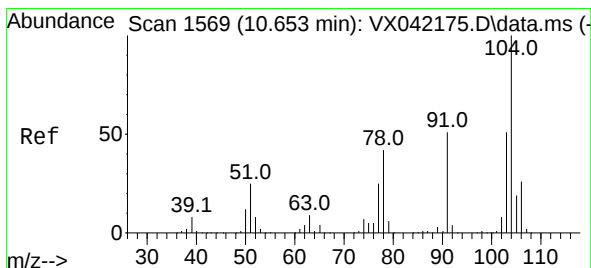
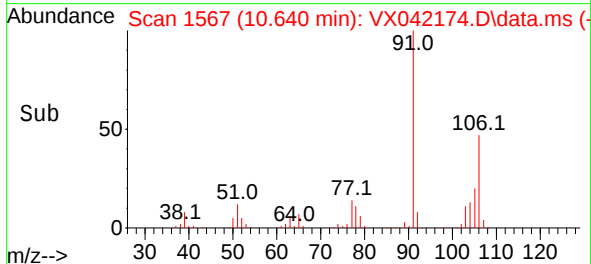
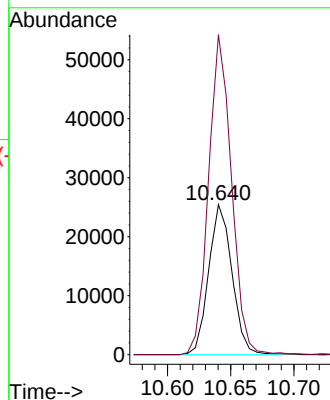
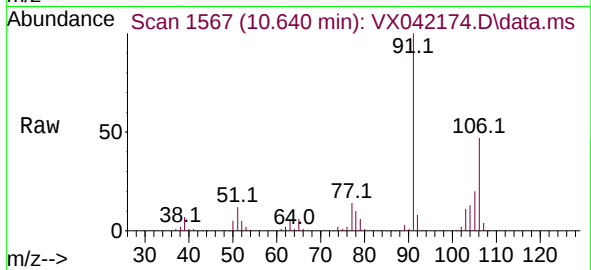




#54
o-Xylene
Concen: 9.335 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

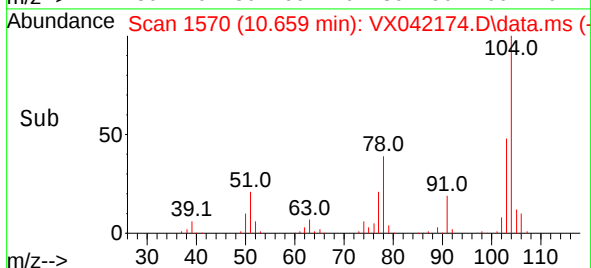
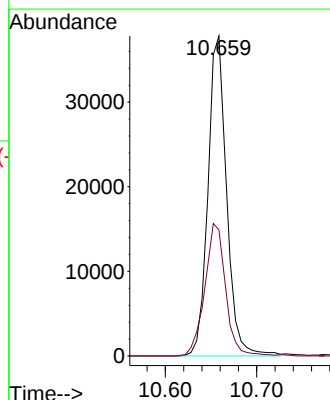
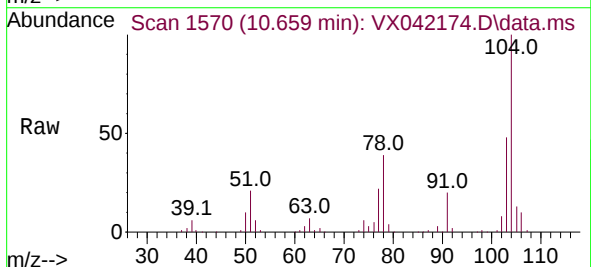
Instrument :
MSVOA_X
ClientSampleId :

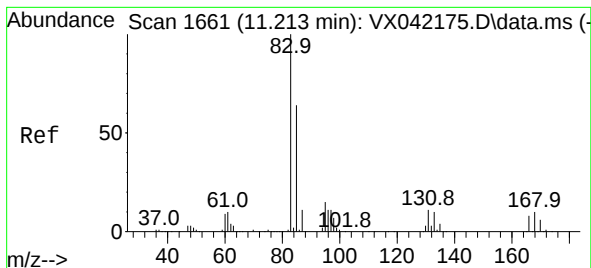
Tgt Ion:106 Resp: 32682
Ion Ratio Lower Upper
106 100
91 213.3 143.4 266.2



#55
Styrene
Concen: 9.165 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion:104 Resp: 53571
Ion Ratio Lower Upper
104 100
78 39.4 29.5 54.9





#57

1,1,2-Tetrachloroethane

Concen: 9.616 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

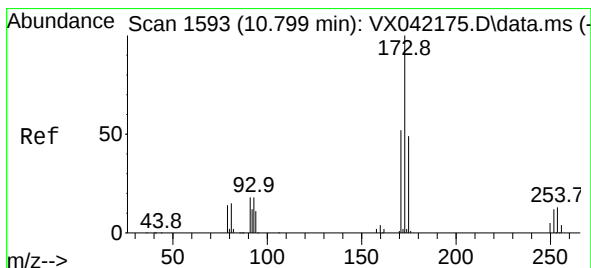
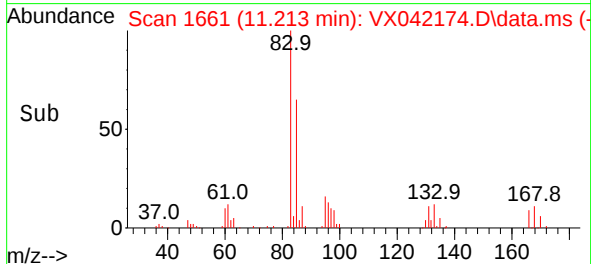
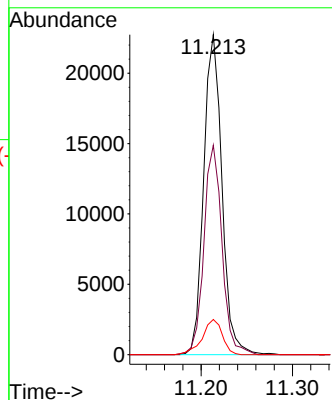
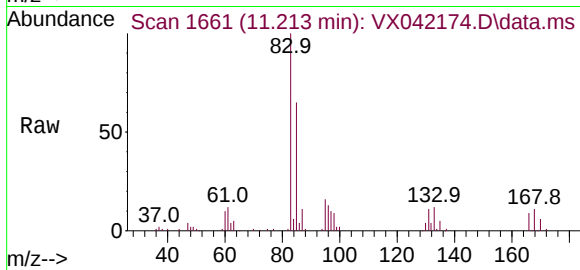
Tgt Ion: 83 Resp: 31489

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7

131 11.0 9.0 13.4



#59

Bromoform

Concen: 10.197 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

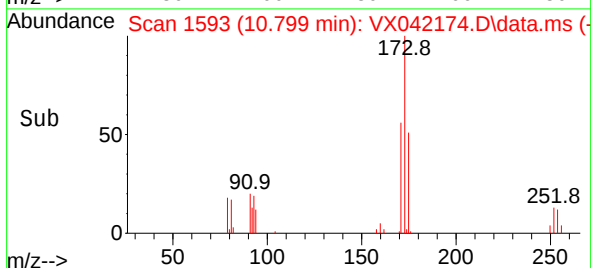
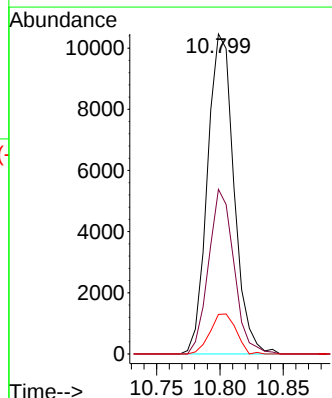
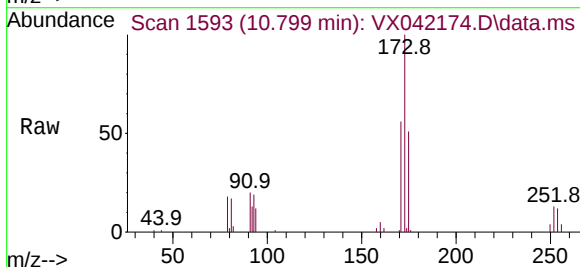
Tgt Ion:173 Resp: 15235

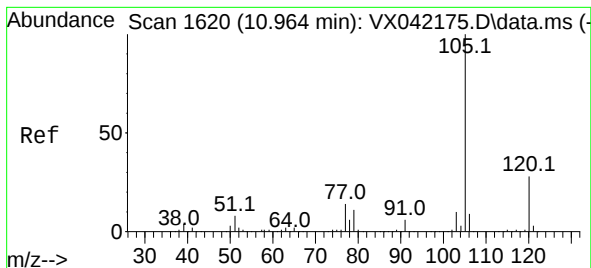
Ion Ratio Lower Upper

173 100

175 49.3 39.5 59.3

254 12.2 10.6 15.8





#60

Isopropylbenzene

Concen: 10.636 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

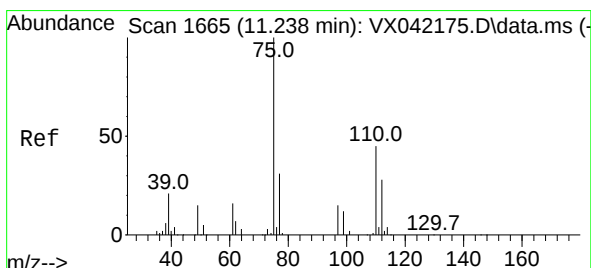
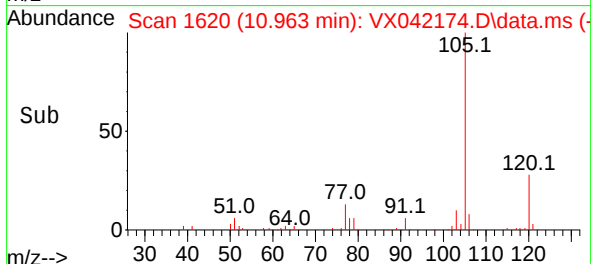
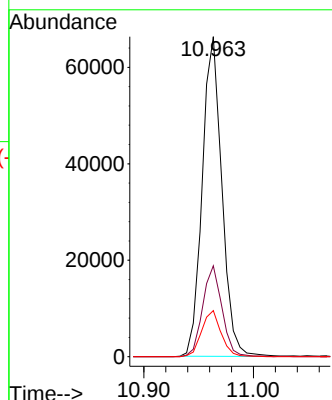
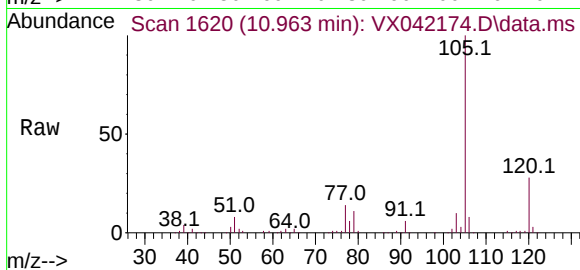
Tgt Ion:105 Resp: 82522

Ion Ratio Lower Upper

105 100

120 27.8 22.0 33.0

77 14.3 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 11.261 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

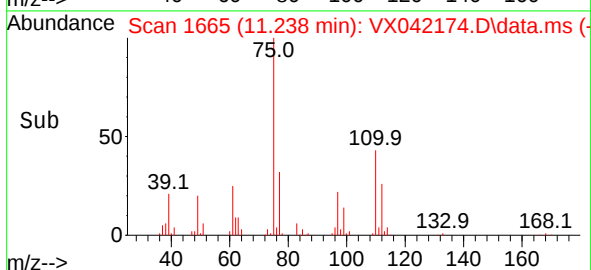
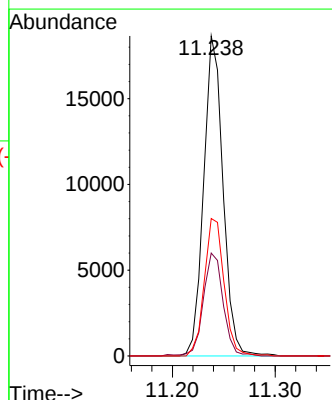
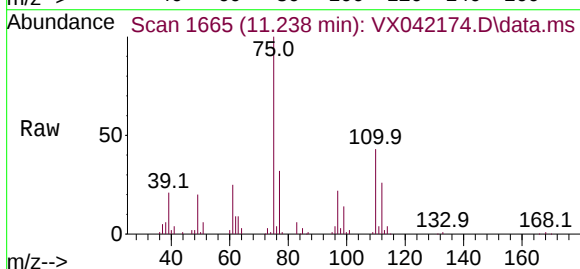
Tgt Ion: 75 Resp: 24457

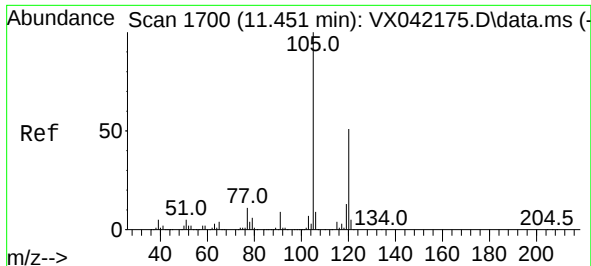
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

110 43.8 35.4 53.0





#62

1,3,5-Trimethylbenzene

Concen: 11.390 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

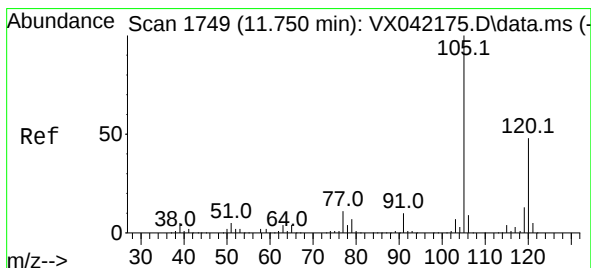
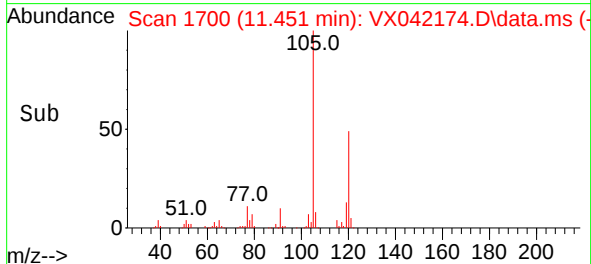
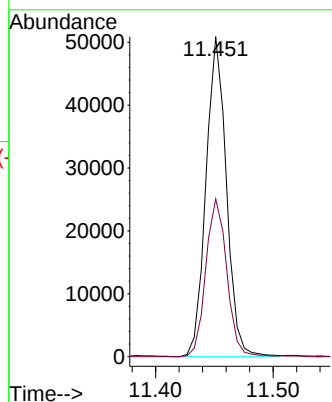
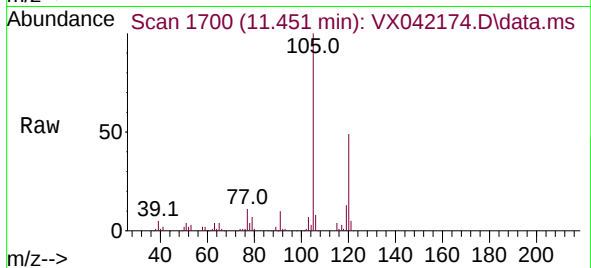
ClientSampleId :

Tgt Ion:105 Resp: 61457

Ion Ratio Lower Upper

105 100

120 50.8 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 10.320 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042174.D

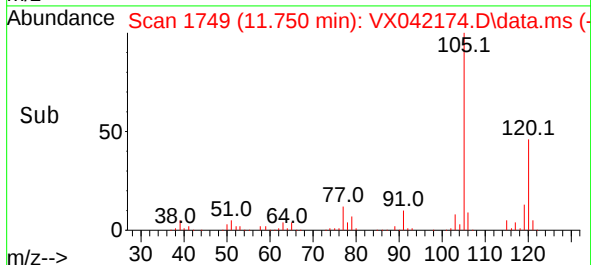
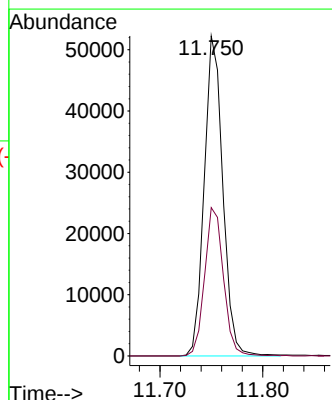
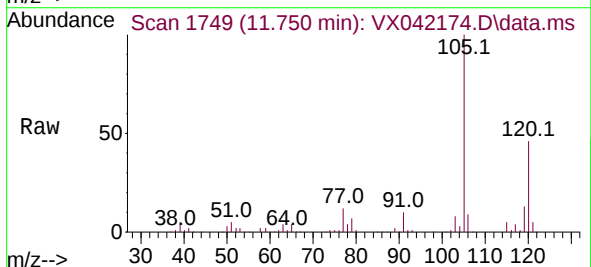
Acq: 03 Jul 2024 19:52

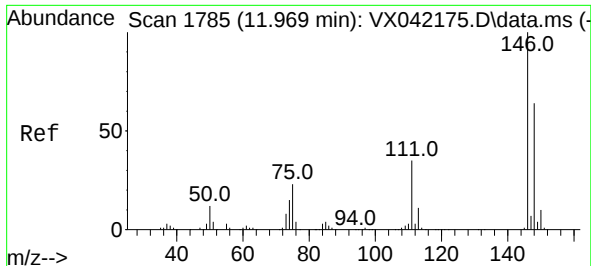
Tgt Ion:105 Resp: 65744

Ion Ratio Lower Upper

105 100

120 46.9 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 10.218 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

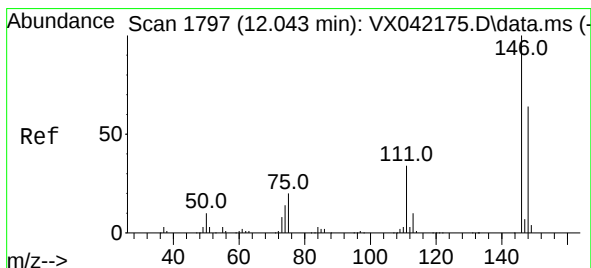
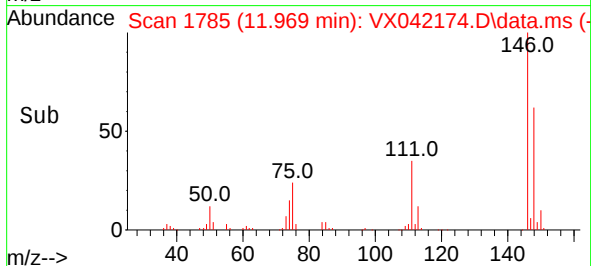
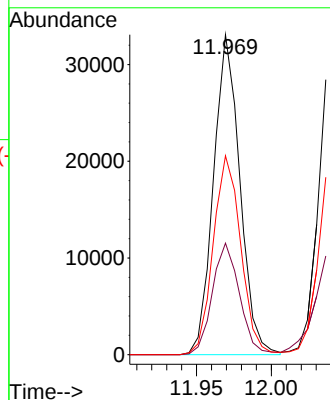
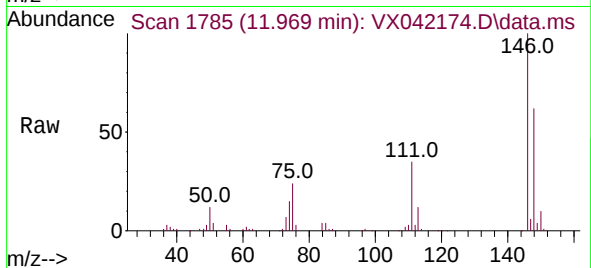
Tgt Ion:146 Resp: 40584

Ion Ratio Lower Upper

146 100

111 34.8 24.8 46.1

148 62.1 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 10.408 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

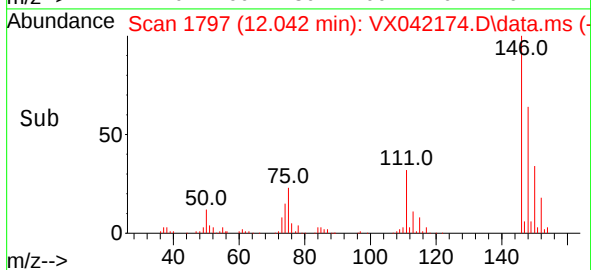
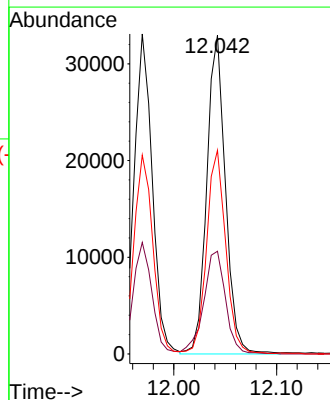
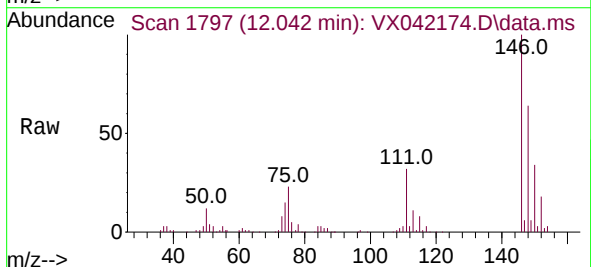
Tgt Ion:146 Resp: 41692

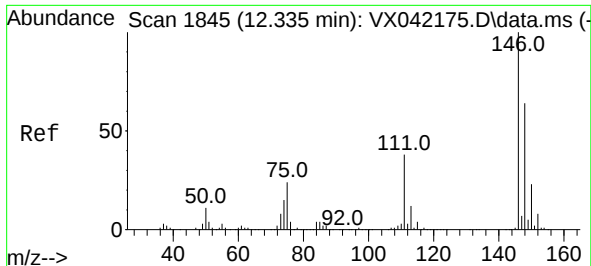
Ion Ratio Lower Upper

146 100

111 32.2 23.9 44.3

148 63.9 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 10.362 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

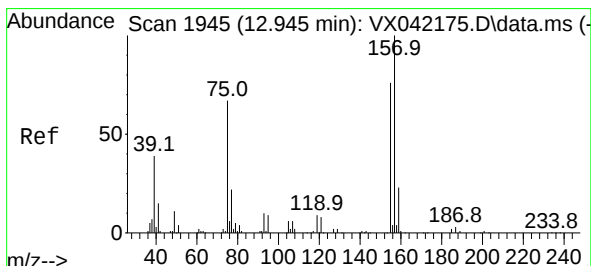
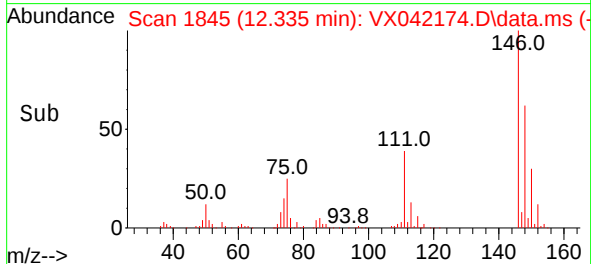
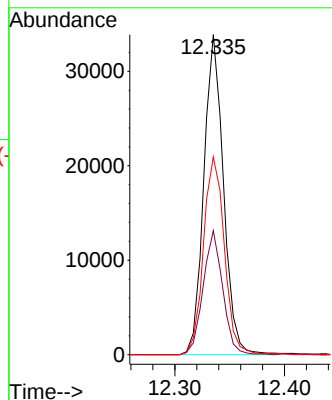
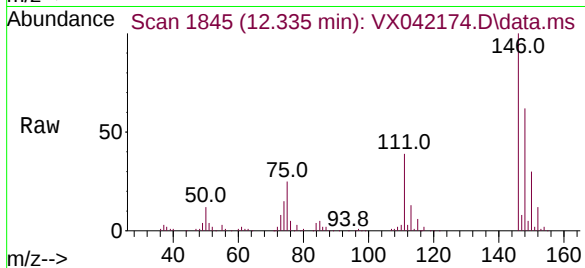
Tgt Ion:146 Resp: 42171

Ion Ratio Lower Upper

146 100

111 38.8 30.2 45.2

148 61.8 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 9.271 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

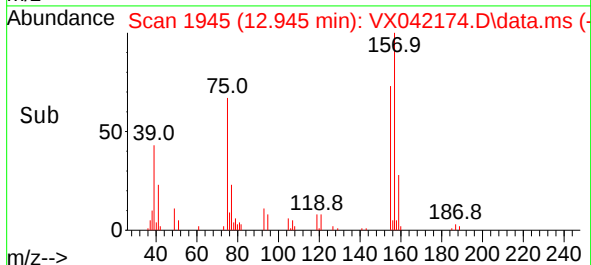
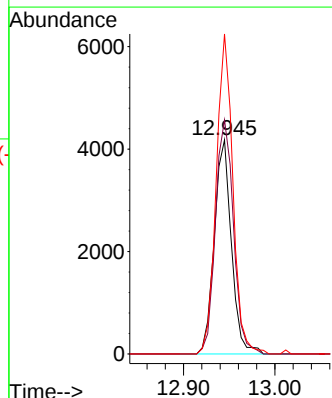
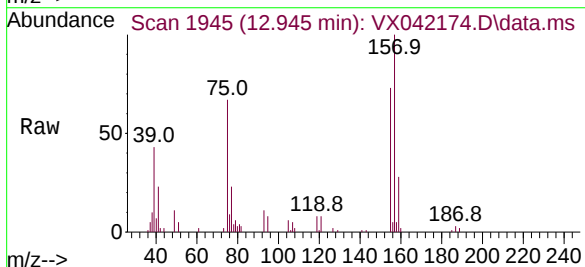
Tgt Ion: 75 Resp: 5430

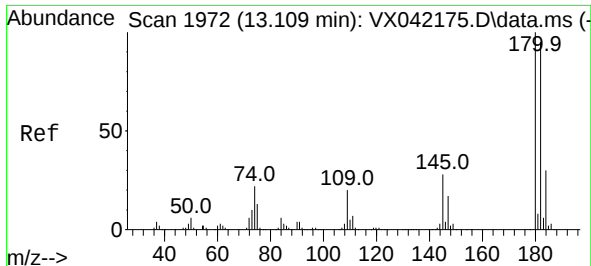
Ion Ratio Lower Upper

75 100

155 109.4 90.4 135.6

157 149.4 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 9.432 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

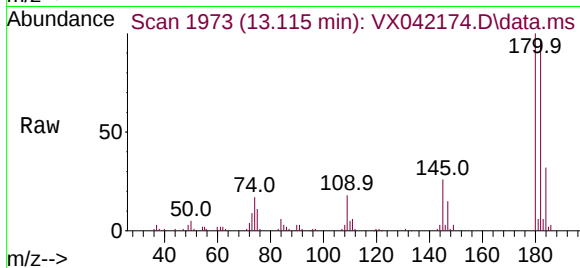
Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 28394

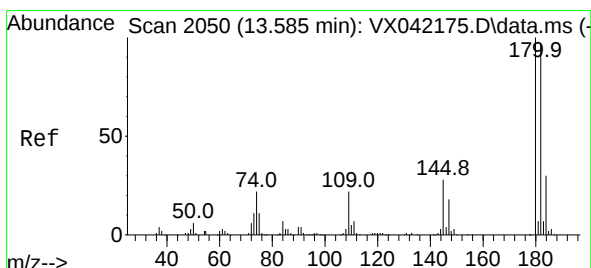
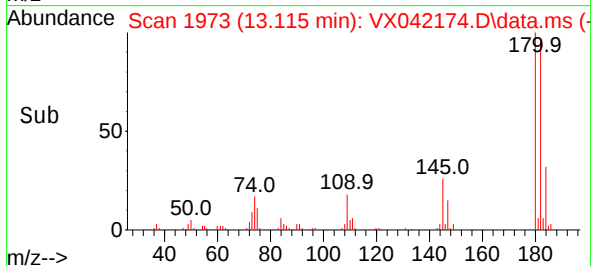
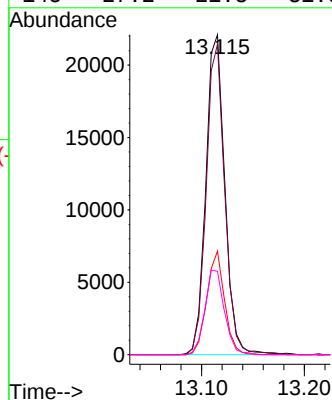
Ion Ratio Lower Upper

180 100

182 94.9 77.0 115.6

184 30.4 24.7 37.1

145 27.2 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 9.213 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX042174.D

Acq: 03 Jul 2024 19:52

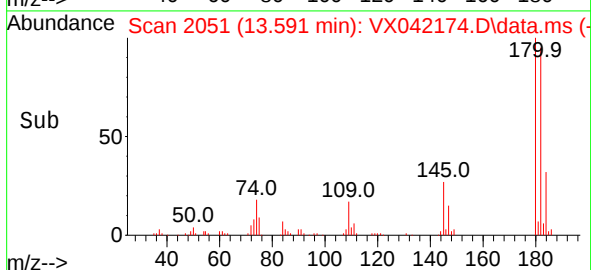
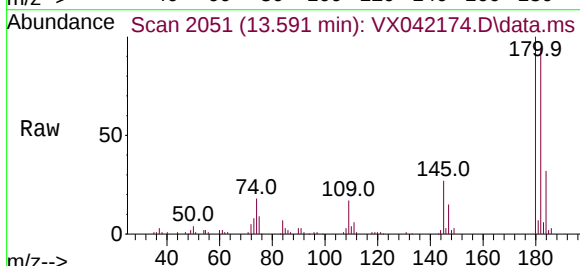
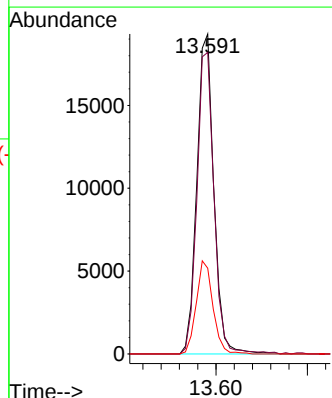
Tgt Ion:180 Resp: 25015

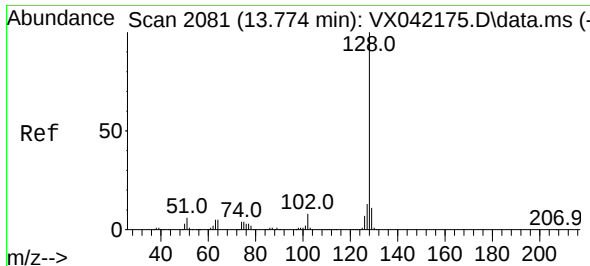
Ion Ratio Lower Upper

180 100

182 94.7 77.8 116.6

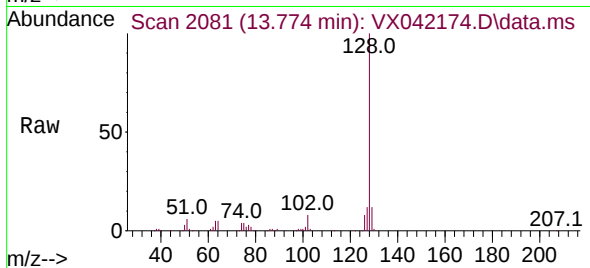
145 28.3 21.8 32.8



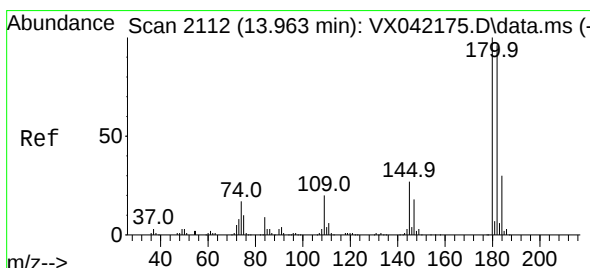
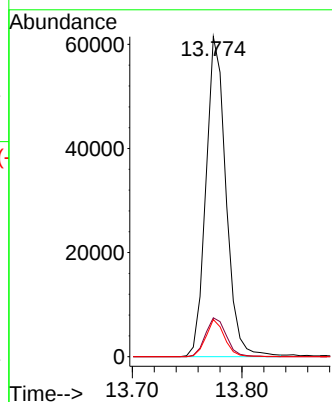
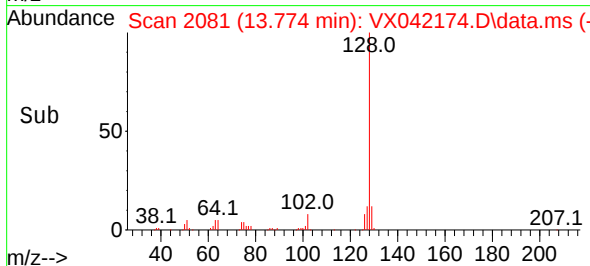


#71
Naphthalene
Concen: 9.726 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 78064
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 9.734 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042174.D
Acq: 03 Jul 2024 19:52

Tgt Ion:180 Resp: 27043
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 28.7 23.0 34.6

