

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042598.D
 Acq On : 26 Jul 2024 14:29
 Operator : JC/MD
 Sample : VSTD20016
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 00:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 00:33:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	175991	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	161637	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	228227	213.455	ug/L	0.00
7) Chloroethane-d5	1.648	69	91177	206.939	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	110041	213.032	ug/L	0.00
21) 2-Butanone-d5	4.471	46	316674	399.612	ug/L	0.00
24) Chloroform-d	5.056	84	500605	213.906	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	312158	206.749	ug/L	0.00
32) Benzene-d6	5.970	84	950428	211.867	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	289172	217.805	ug/L	0.00
41) Toluene-d8	8.647	98	863847	214.774	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	149482	240.592	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	270990	458.014	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	409236	214.080	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	312074	212.807	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	320631	206.211	ug/L	99
3) Chloromethane	1.294	50	258472	201.024	ug/L	100
5) Vinyl chloride	1.374	62	259614	212.405	ug/L	96
6) Bromomethane	1.599	94	83388	217.274	ug/L	97
8) Chloroethane	1.666	64	83132	185.348	ug/L	100
9) Trichlorofluoromethane	1.868	101	292126	169.936	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	253997	204.311	ug/L	100
12) 1,1-Dichloroethene	2.459	96	2415	2.123	ug/L	76
13) Acetone	2.392	43	243726	393.459	ug/L	100
14) Carbon disulfide	2.502	76	648923	233.597	ug/L	99
15) Methyl Acetate	2.709	43	264882	192.910	ug/L	100
16) Methylene chloride	2.782	84	265156	201.804	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	247095	211.628	ug/L	94
18) Methyl tert-butyl Ether	3.123	73	856213	211.567	ug/L	100
19) 1,1-Dichloroethane	3.605	63	460608	206.618	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	283917	212.891	ug/L	98
22) 2-Butanone	4.568	43	384131	407.170	ug/L	98
23) Bromochloromethane	4.904	128	131444	210.007	ug/L	97
25) Chloroform	5.093	83	493904	207.787	ug/L	98
27) 1,2-Dichloroethane	6.086	62	392381	207.847	ug/L	96
29) Cyclohexane	5.464	56	405299	212.104	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	442870	214.503	ug/L	99
31) Carbon tetrachloride	5.672	117	382423	219.291	ug/L	100
33) Benzene	6.038	78	1022161	206.639	ug/L	100
34) Trichloroethene	7.123	95	274978	208.070	ug/L	97
35) Methylcyclohexane	7.379	83	434221	217.087	ug/L	98
37) 1,2-Dichloropropane	7.434	63	269335	209.504	ug/L	100
38) Bromodichloromethane	7.824	83	367701	221.295	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	450427	228.257	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	763998	431.943	ug/L	98
42) Toluene	8.720	91	1071269	210.267	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	422724	238.183	ug/L	99

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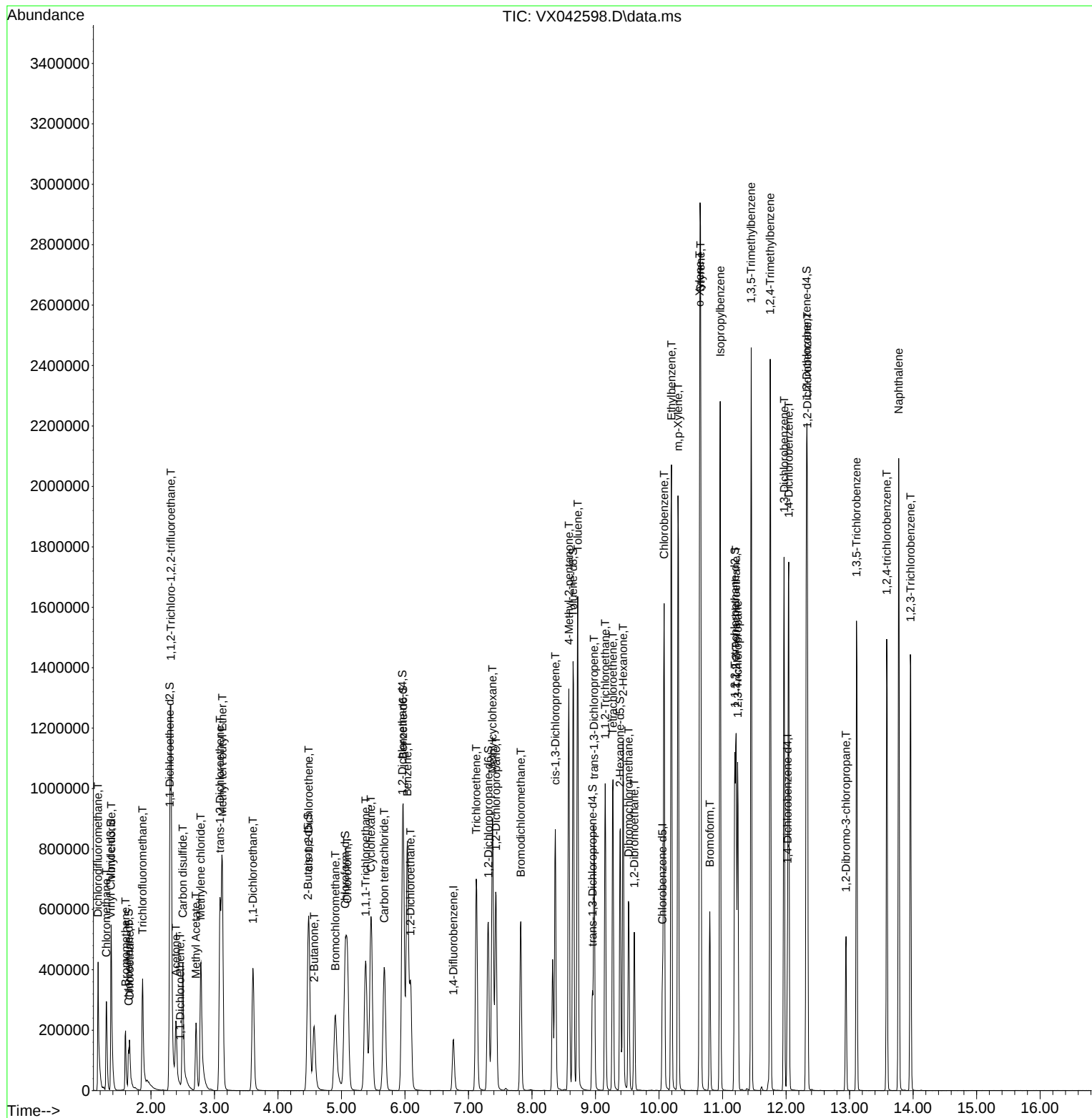
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	267551	206.056	ug/L	98
46) Tetrachloroethene	9.275	164	190367	211.218	ug/L	97
48) 2-Hexanone	9.433	43	578315	420.407	ug/L	97
49) Dibromochloromethane	9.519	129	279771	230.745	ug/L	95
50) 1,2-Dibromoethane	9.610	107	288727	213.802	ug/L	99
51) Chlorobenzene	10.079	112	696355	211.359	ug/L	98
52) Ethylbenzene	10.195	91	1216071	217.618	ug/L	99
53) m,p-Xylene	10.299	106	466718	221.704	ug/L	99
54) o-Xylene	10.640	106	452827	216.236	ug/L	99
55) Styrene	10.653	104	783158	224.347	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	434482	209.248	ug/L	100
59) Bromoform	10.799	173	197640	226.963	ug/L	97
60) Isopropylbenzene	10.963	105	1193853	203.620	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	341312	190.127	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1027259	210.664	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1028740	213.659	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	527865	209.334	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	529357	208.422	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	522055	205.599	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	105009	219.569	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	351983	225.047	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	322033	234.790	ug/L	100
71) Naphthalene	13.774	128	1215054	229.650	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	320120	225.315	ug/L	99

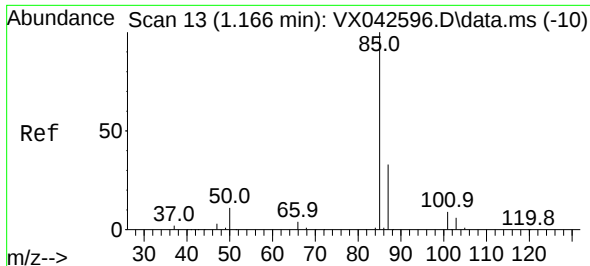
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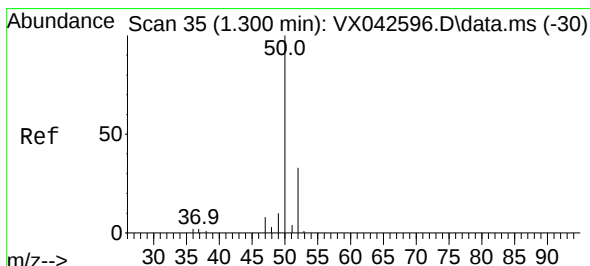
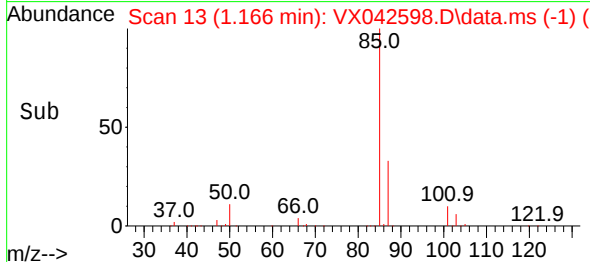
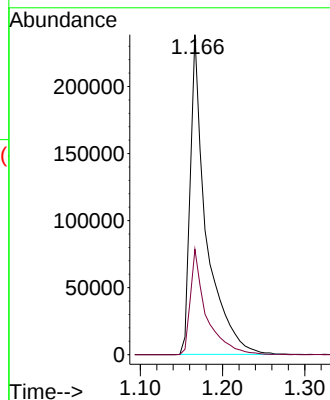
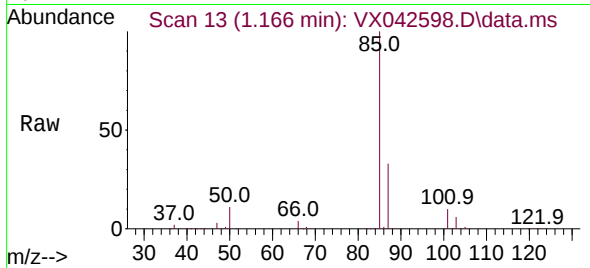




#2
Dichlorodifluoromethane
Concen: 206.211 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

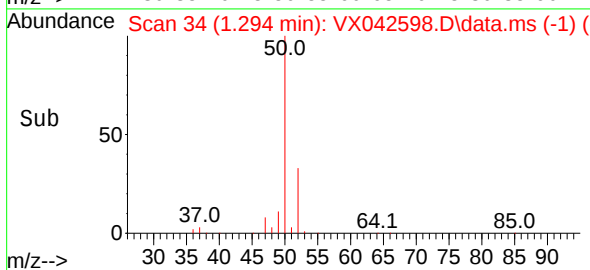
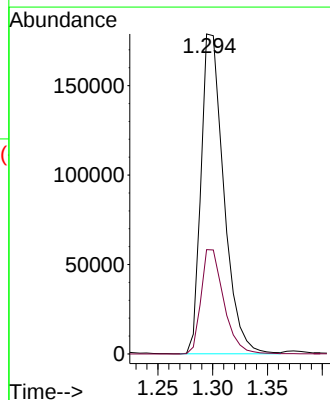
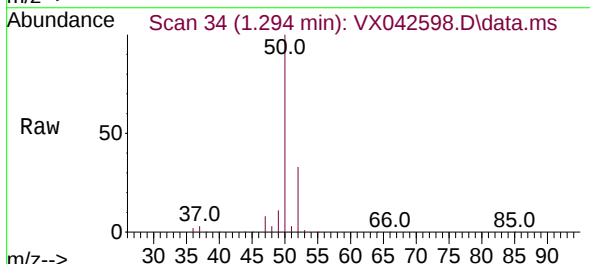
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MSVOA_X
ClientSampleId :

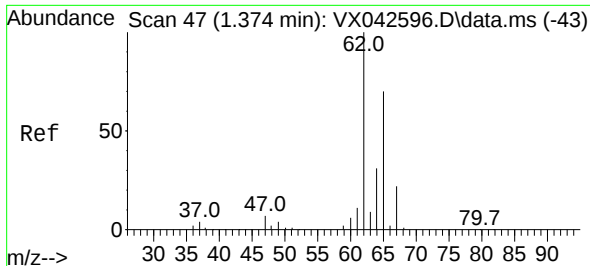
Tgt Ion: 85 Resp: 320631
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 201.024 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion: 50 Resp: 258472
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.6

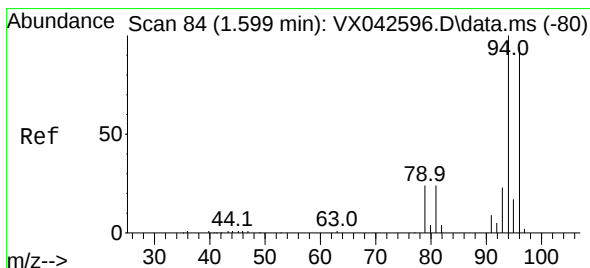
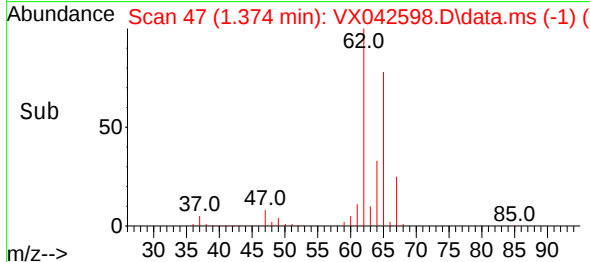
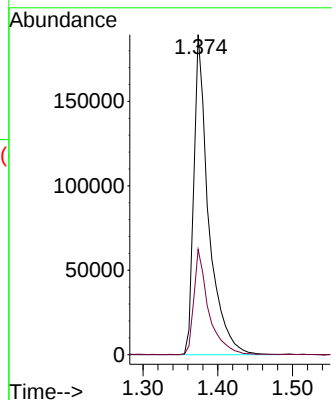
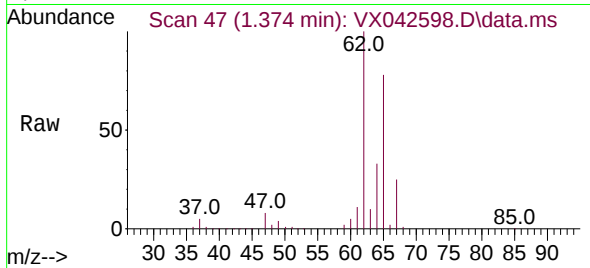




#5
 Vinyl chloride
 Concen: 212.405 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX042598.D
 Acq: 26 Jul 2024 14:29

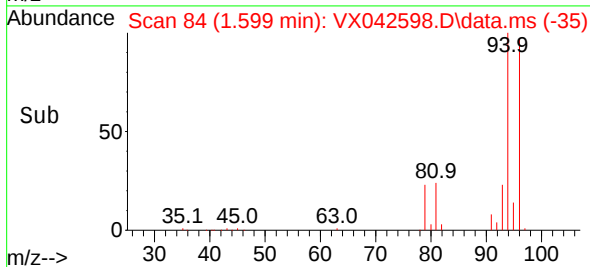
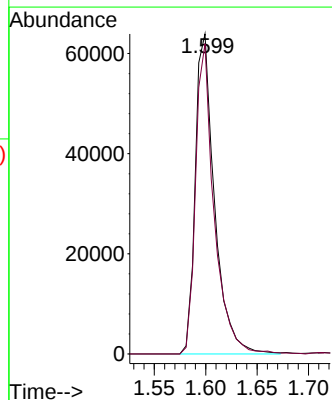
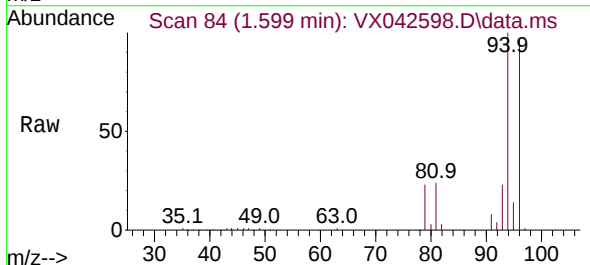
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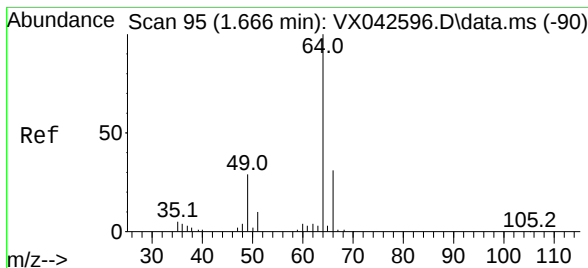
Tgt Ion: 62 Resp: 259614
 Ion Ratio Lower Upper
 62 100
 64 32.9 21.6 40.0



#6
 Bromomethane
 Concen: 217.274 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX042598.D
 Acq: 26 Jul 2024 14:29

Tgt Ion: 94 Resp: 83388
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.1 122.7





#8

Chloroethane

Concen: 185.348 ug/L

RT: 1.666 min Scan# 90

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

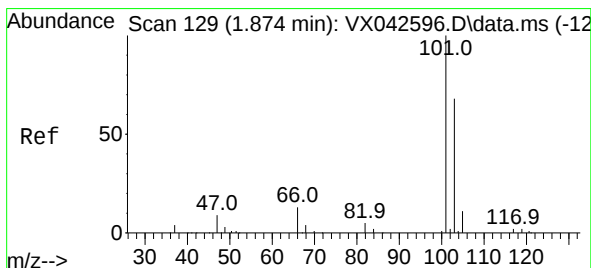
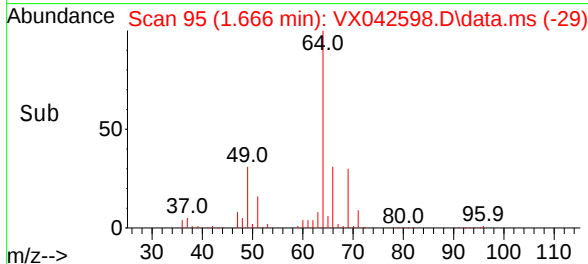
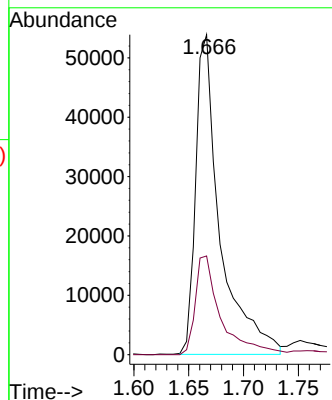
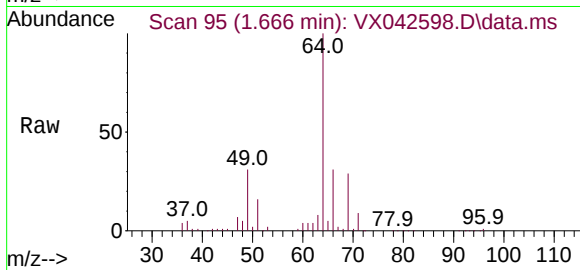
ClientSampleId :

Tgt Ion: 64 Resp: 83132

Ion Ratio Lower Upper

64 100

66 30.8 21.4 39.8



#9

Trichlorofluoromethane

Concen: 169.936 ug/L

RT: 1.868 min Scan# 128

Delta R.T. -0.006 min

Lab File: VX042598.D

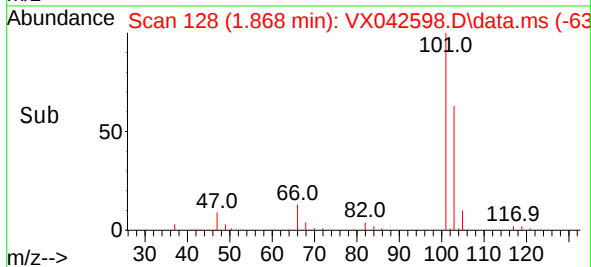
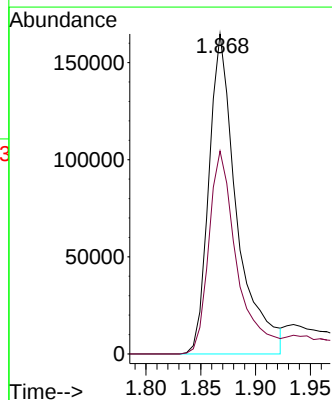
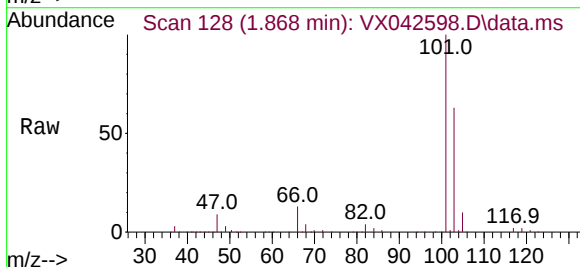
Acq: 26 Jul 2024 14:29

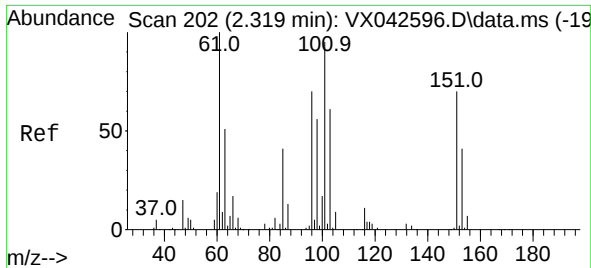
Tgt Ion:101 Resp: 292126

Ion Ratio Lower Upper

101 100

103 64.2 45.2 67.8

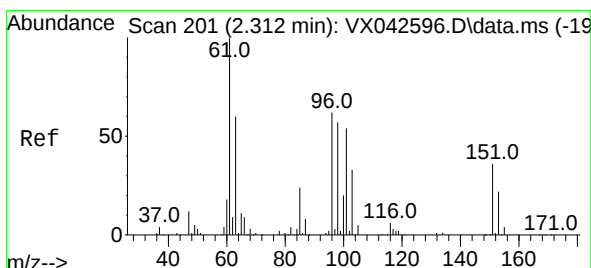
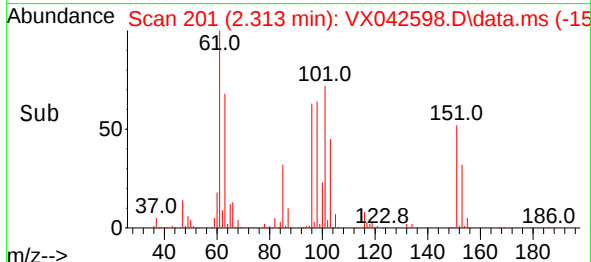
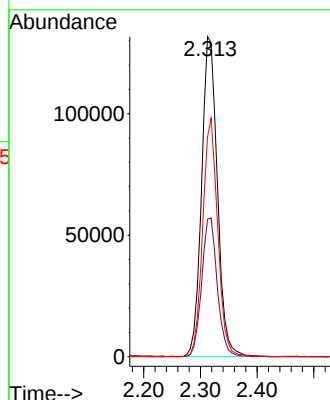
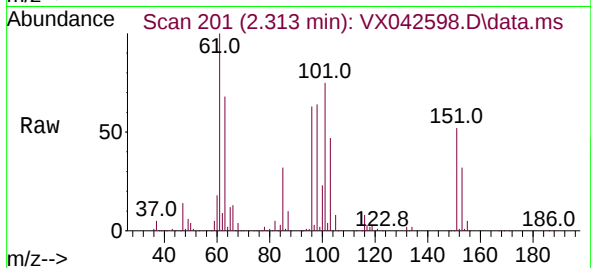




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 204.311 ug/L
 RT: 2.313 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VX042598.D
 Acq: 26 Jul 2024 14:29

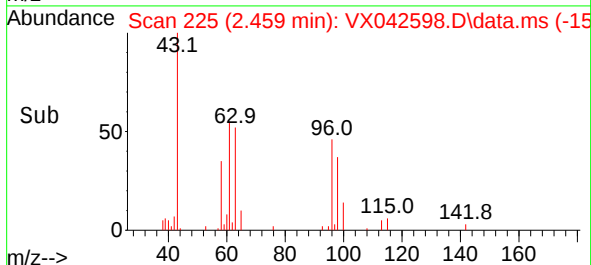
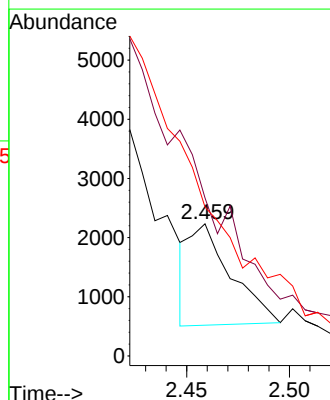
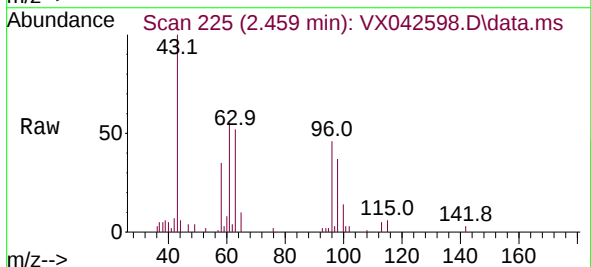
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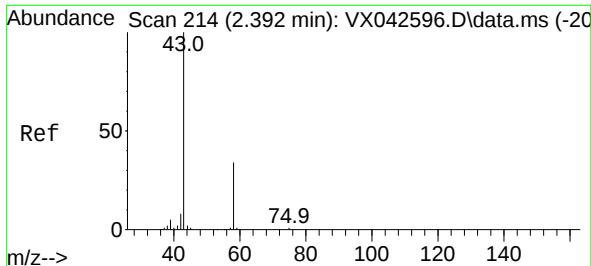
Tgt Ion:101 Resp: 253997
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.4 51.6
 151 71.0 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 2.123 ug/L
 RT: 2.459 min Scan# 225
 Delta R.T. 0.146 min
 Lab File: VX042598.D
 Acq: 26 Jul 2024 14:29

Tgt Ion: 96 Resp: 2415
 Ion Ratio Lower Upper
 96 100
 61 119.7 113.0 209.9
 63 112.7 70.5 130.9

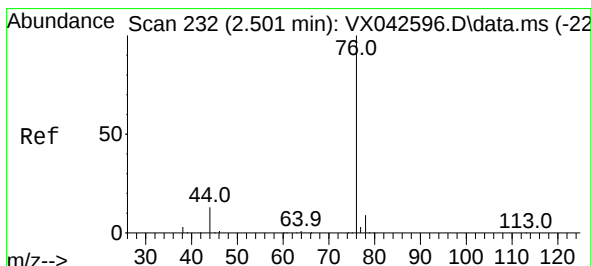
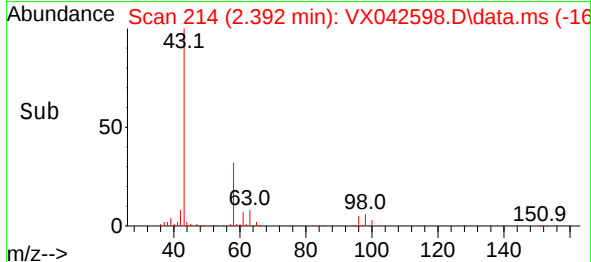
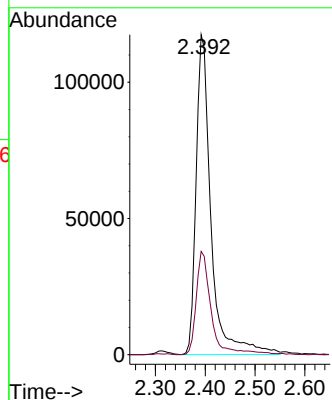
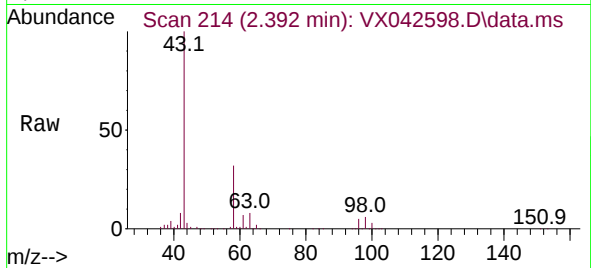




#13
Acetone
Concen: 393.459 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

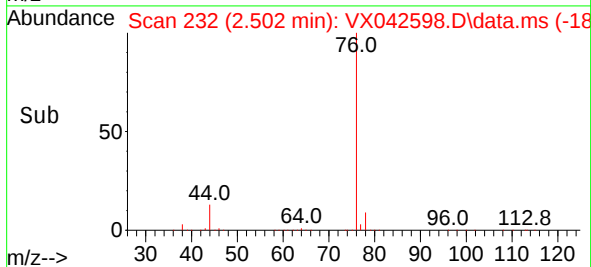
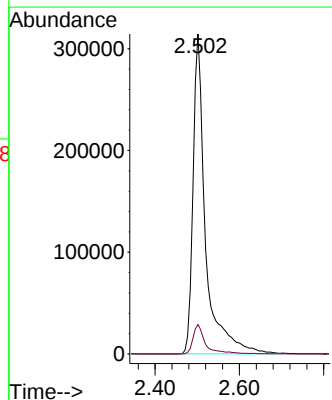
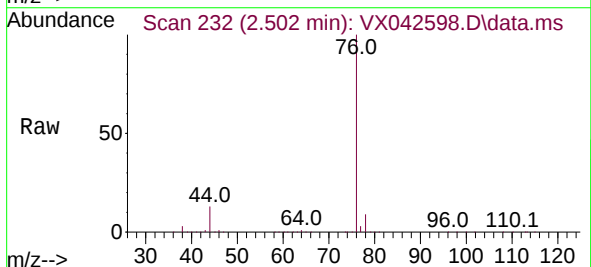
Instrument :
MSVOA_X
ClientSampleId :

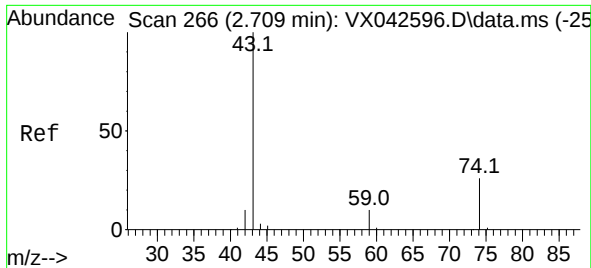
Tgt Ion: 43 Resp: 243726
Ion Ratio Lower Upper
43 100
58 31.1 0.0 62.4



#14
Carbon disulfide
Concen: 233.597 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion: 76 Resp: 648923
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

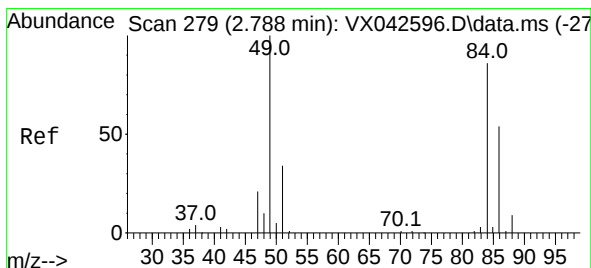
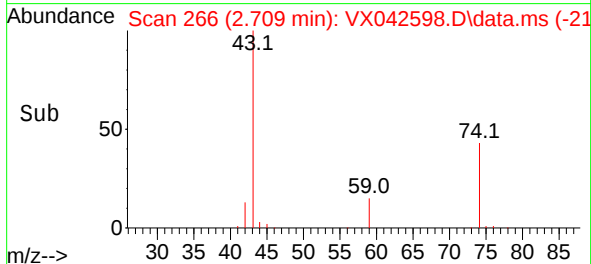
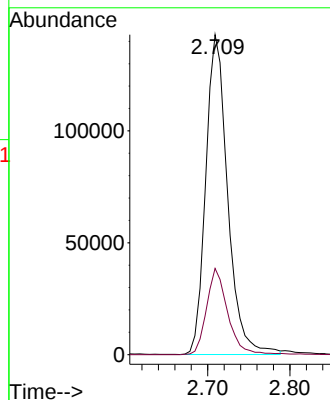
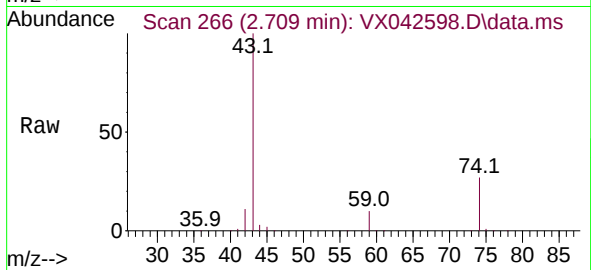




#15
Methyl Acetate
Concen: 192.910 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

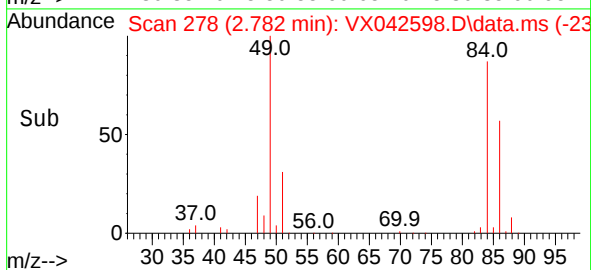
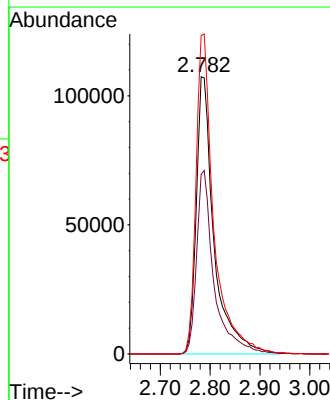
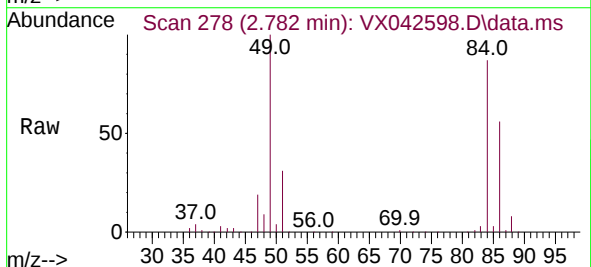
Instrument :
MSVOA_X
ClientSampleId :

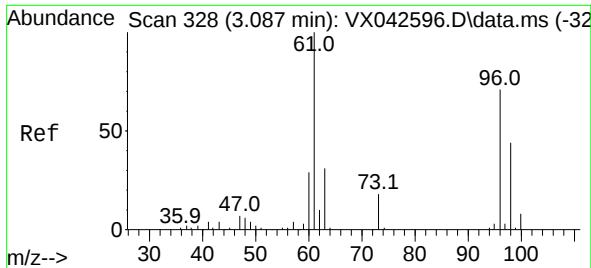
Tgt Ion: 43 Resp: 264882
Ion Ratio Lower Upper
43 100
74 26.1 21.0 31.4



#16
Methylene chloride
Concen: 201.804 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion: 84 Resp: 265156
Ion Ratio Lower Upper
84 100
86 64.9 43.5 80.7
49 114.9 81.1 150.7

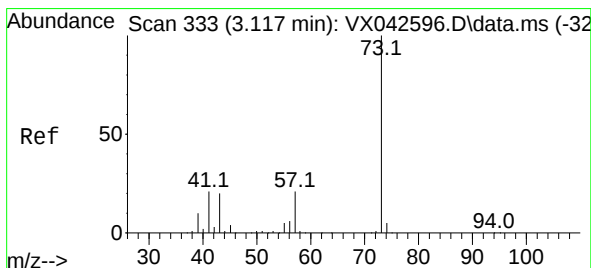
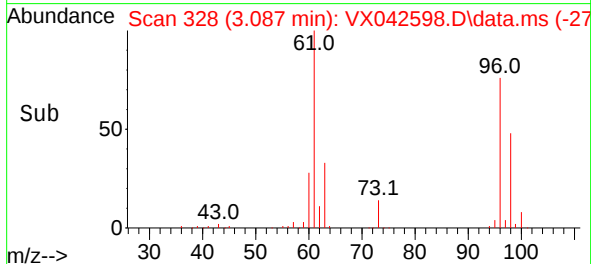
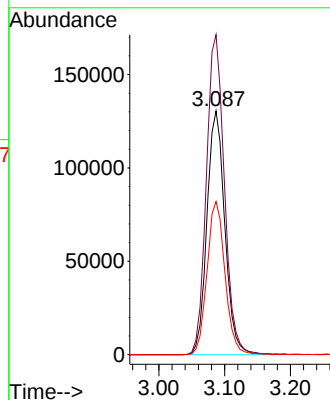
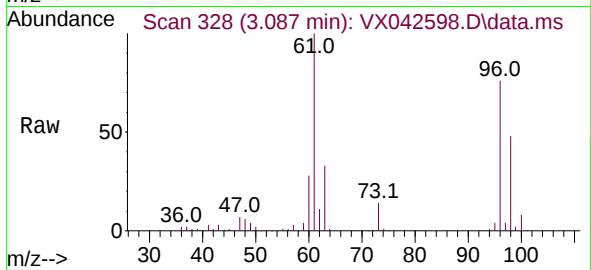




#17
trans-1,2-Dichloroethene
Concen: 211.628 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

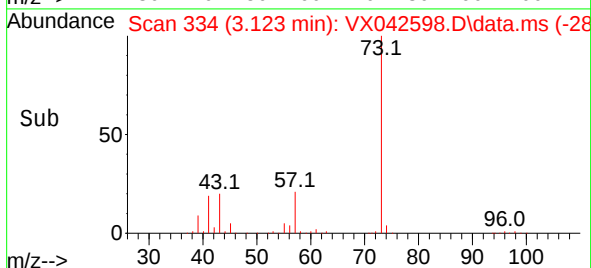
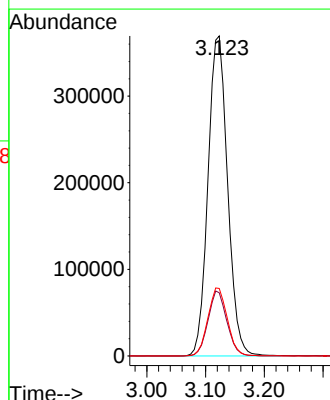
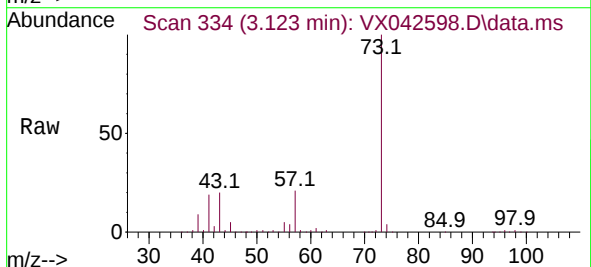
Instrument :
MSVOA_X
ClientSampleId :

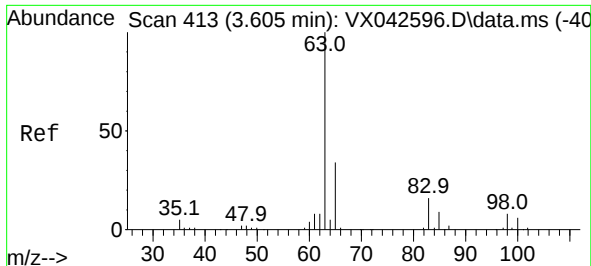
Tgt Ion: 96 Resp: 247095
Ion Ratio Lower Upper
96 100
61 131.3 99.3 184.3
98 62.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 211.567 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion: 73 Resp: 856213
Ion Ratio Lower Upper
73 100
43 19.6 15.4 23.2
57 21.0 16.9 25.3





#19

1,1-Dichloroethane

Concen: 206.618 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

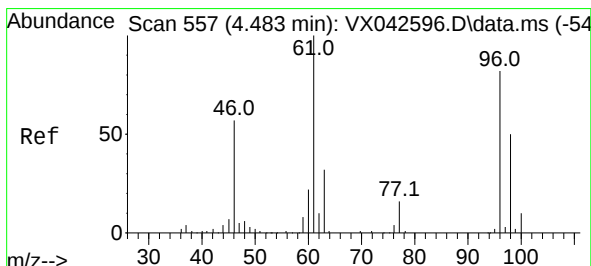
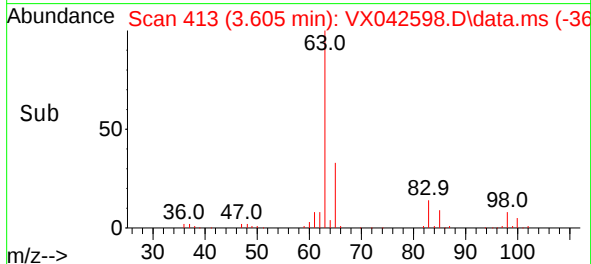
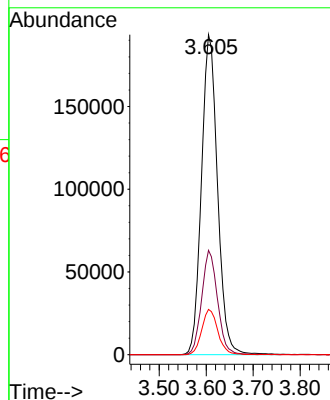
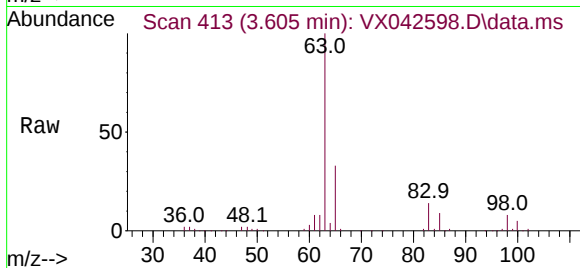
Tgt Ion: 63 Resp: 460608

Ion Ratio Lower Upper

63 100

65 32.6 23.6 43.8

83 14.1 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 212.891 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

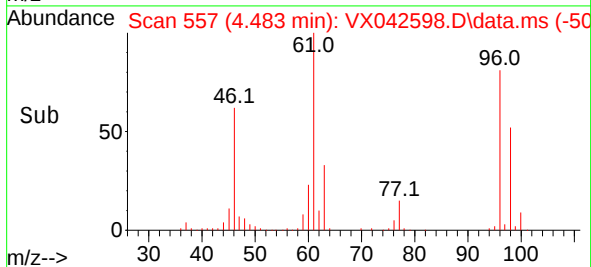
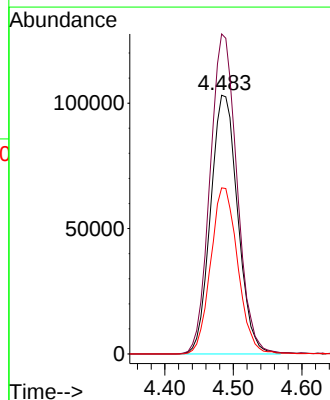
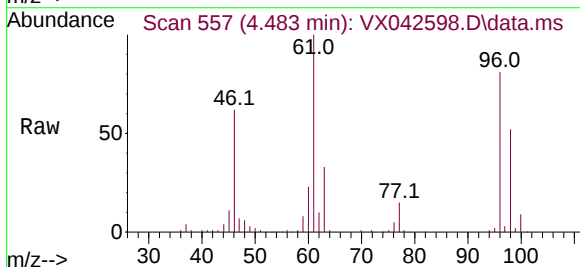
Tgt Ion: 96 Resp: 283917

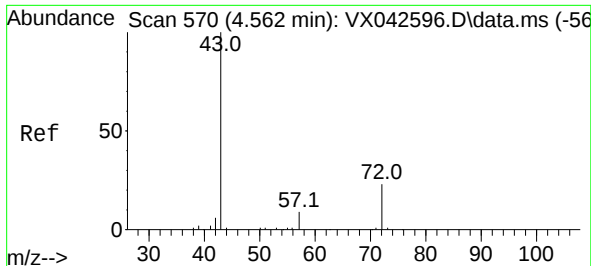
Ion Ratio Lower Upper

96 100

61 123.7 85.3 158.3

98 64.2 42.7 79.3





#22

2-Butanone

Concen: 407.170 ug/L

RT: 4.568 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

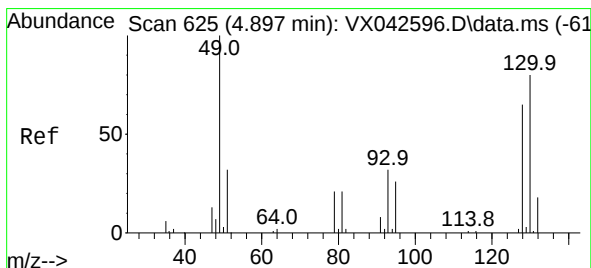
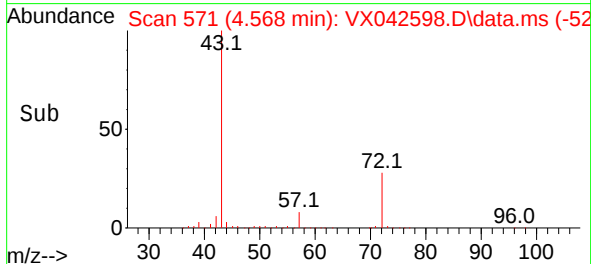
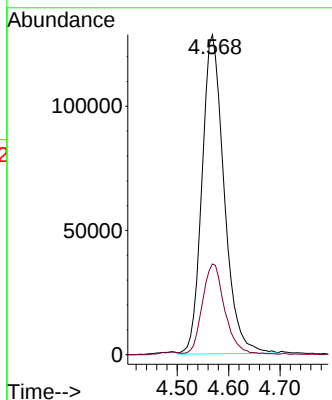
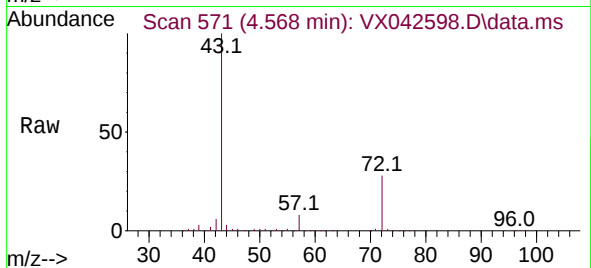
ClientSampleId :

Tgt Ion: 43 Resp: 384131

Ion Ratio Lower Upper

43 100

72 27.8 13.4 40.2



#23

Bromochloromethane

Concen: 210.007 ug/L

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Tgt Ion:128 Resp: 131444

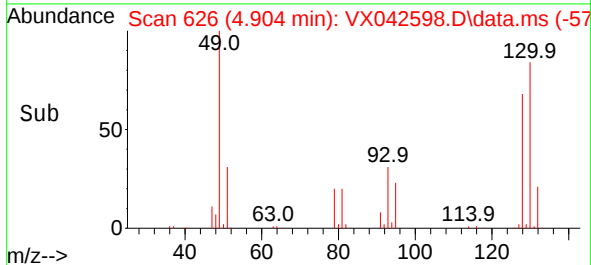
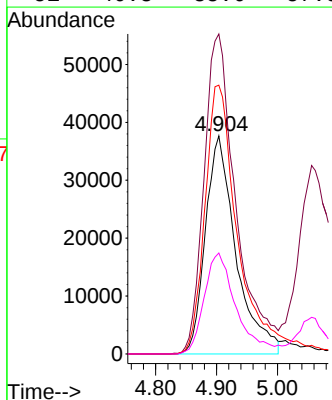
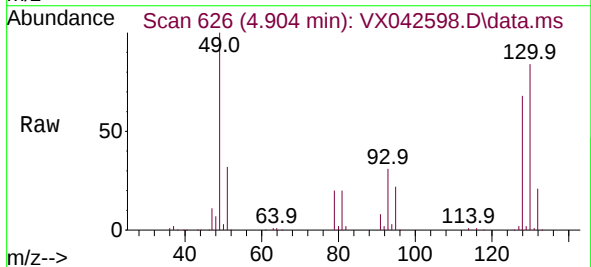
Ion Ratio Lower Upper

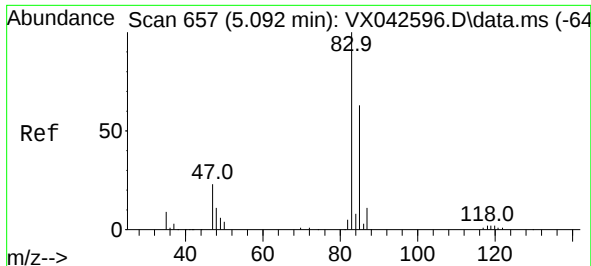
128 100

49 146.7 107.0 198.6

130 123.2 85.5 158.9

51 46.3 38.6 57.8





#25

Chloroform

Concen: 207.787 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

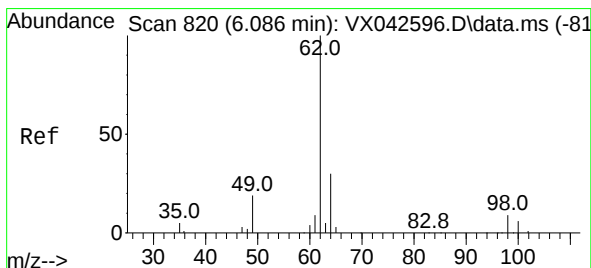
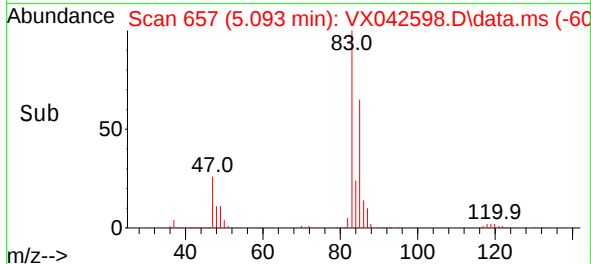
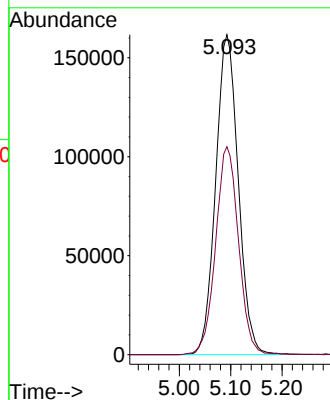
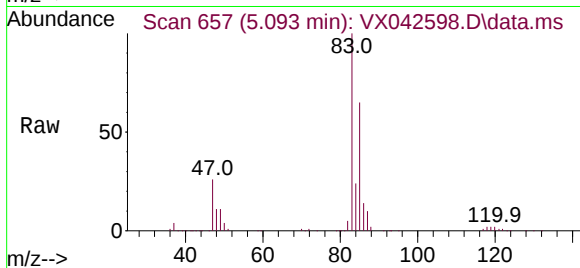
ClientSampleId :

Tgt Ion: 83 Resp: 493904

Ion Ratio Lower Upper

83 100

85 65.0 44.3 82.3



#27

1,2-Dichloroethane

Concen: 207.847 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042598.D

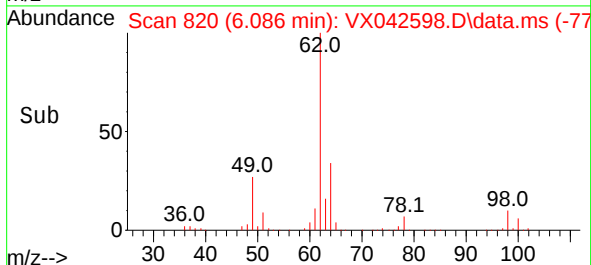
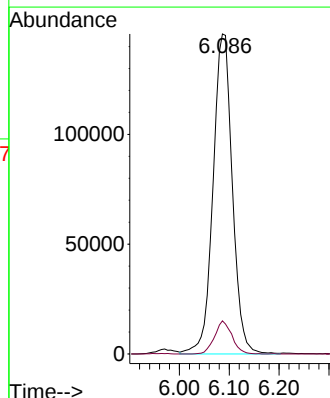
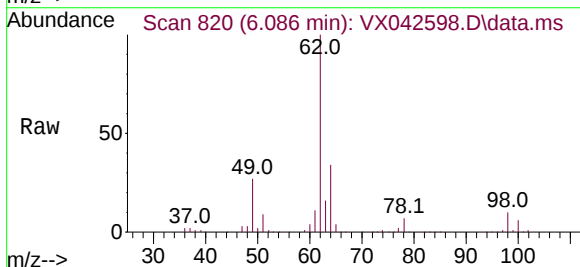
Acq: 26 Jul 2024 14:29

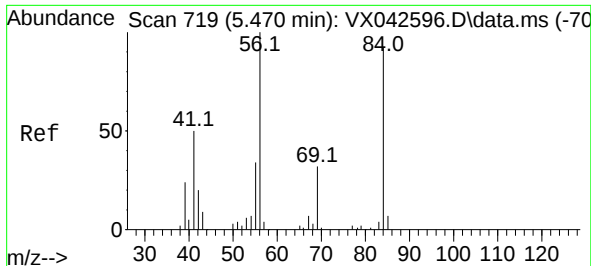
Tgt Ion: 62 Resp: 392381

Ion Ratio Lower Upper

62 100

98 10.3 7.1 10.7





#29

Cyclohexane

Concen: 212.104 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

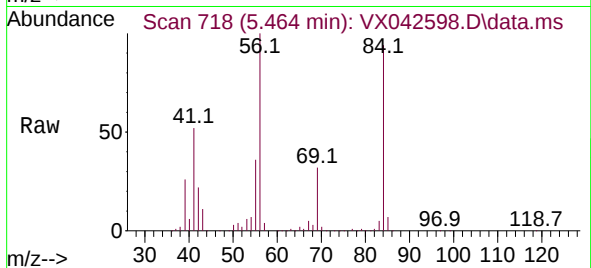
Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :



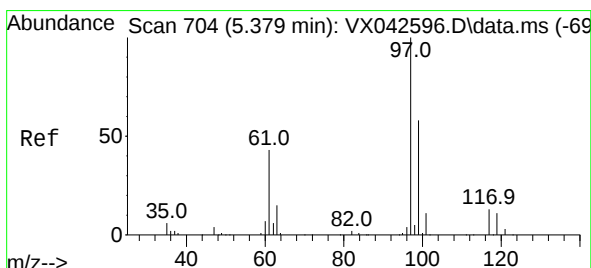
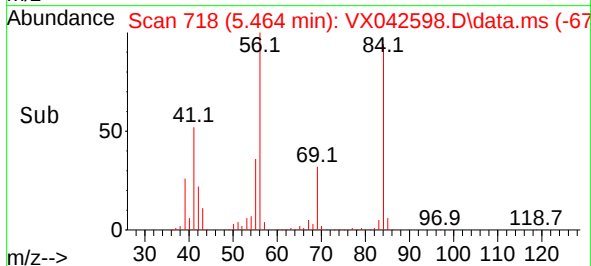
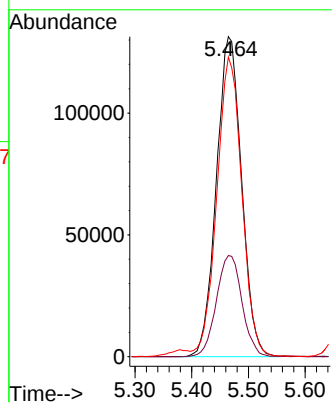
Tgt Ion: 56 Resp: 405299

Ion Ratio Lower Upper

56 100

69 32.2 26.1 39.1

84 92.7 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 214.503 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

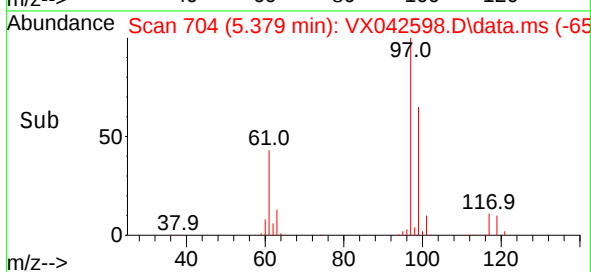
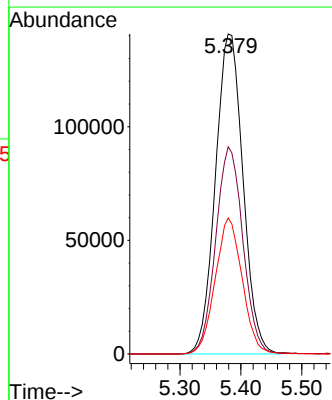
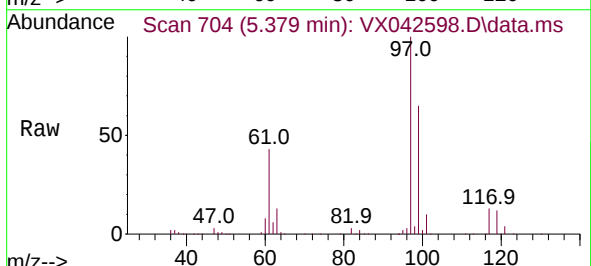
Tgt Ion: 97 Resp: 442870

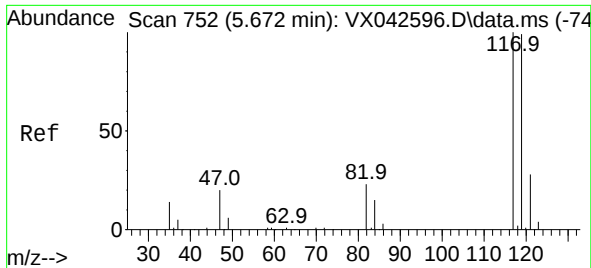
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

61 41.6 34.4 51.6

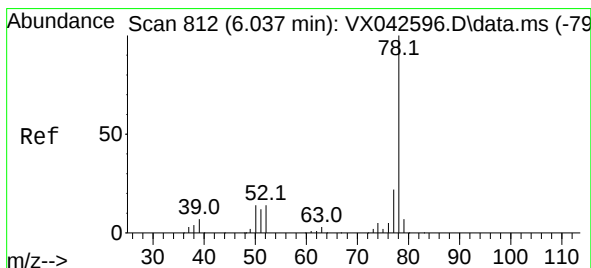
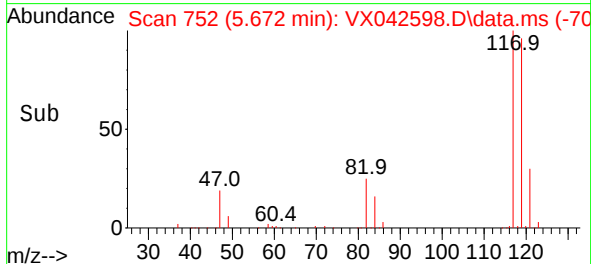
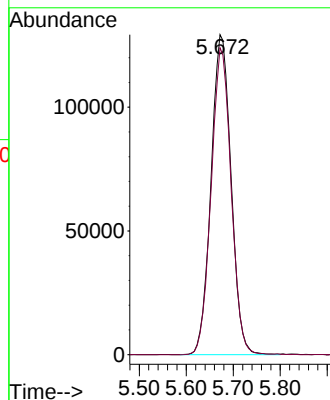
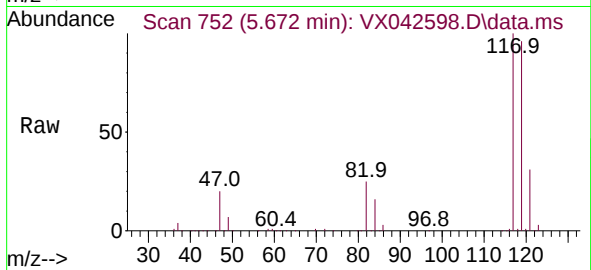




#31
Carbon tetrachloride
Concen: 219.291 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

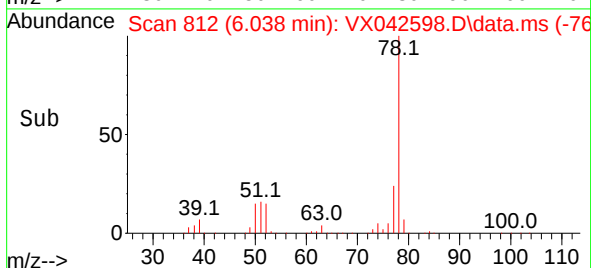
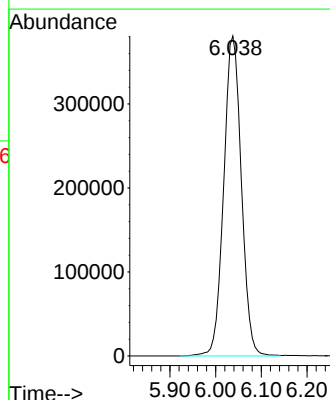
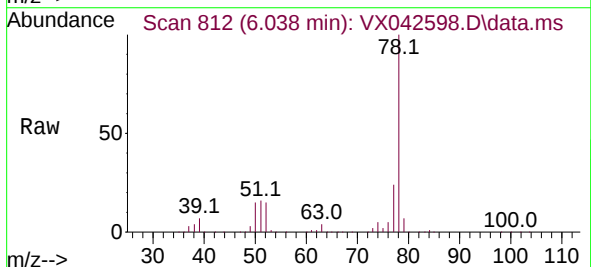
Instrument :
MSVOA_X
ClientSampleId :

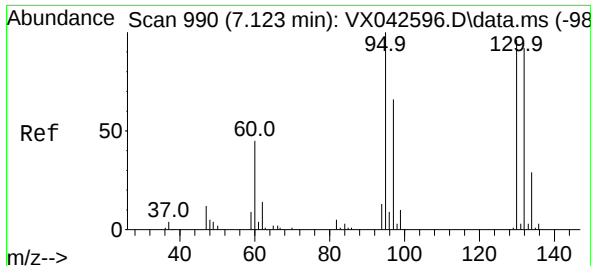
Tgt Ion:117 Resp: 382423
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2



#33
Benzene
Concen: 206.639 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion: 78 Resp: 1022161

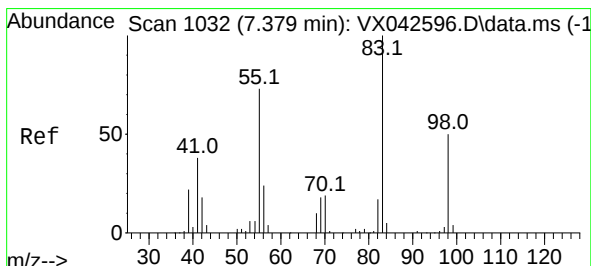
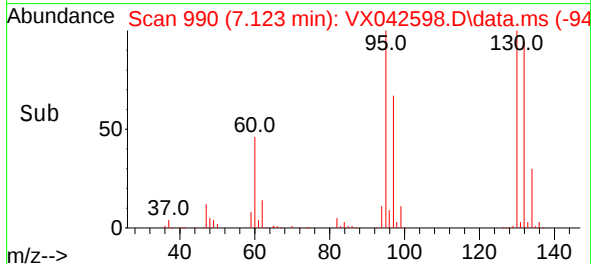
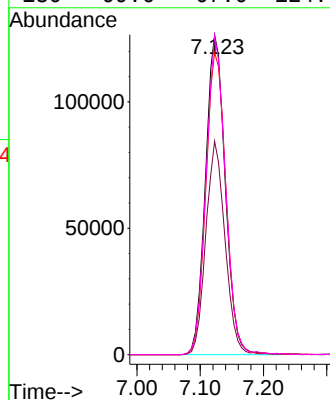
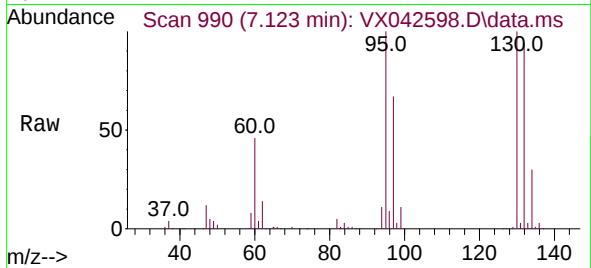




#34
Trichloroethene
Concen: 208.070 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

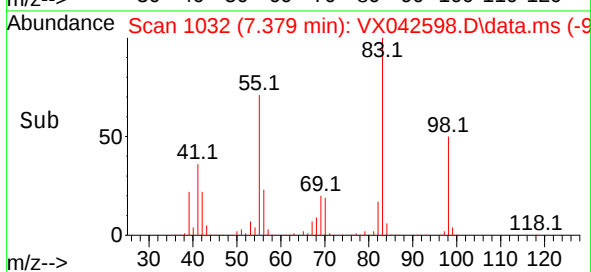
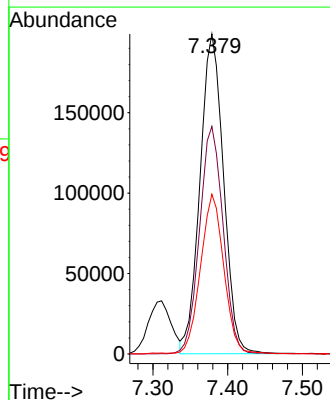
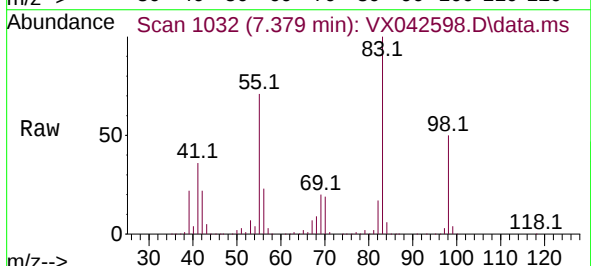
Instrument :
MSVOA_X
ClientSampleId :

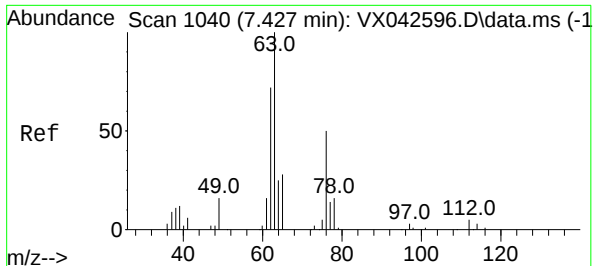
Tgt Ion: 95 Resp: 274978
Ion Ratio Lower Upper
95 100
97 66.7 46.3 86.1
132 94.5 64.3 119.5
130 99.6 67.0 124.4



#35
Methylcyclohexane
Concen: 217.087 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion: 83 Resp: 434221
Ion Ratio Lower Upper
83 100
55 71.4 58.2 87.2
98 49.5 38.5 57.7

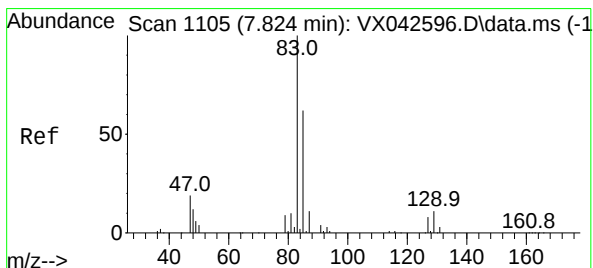
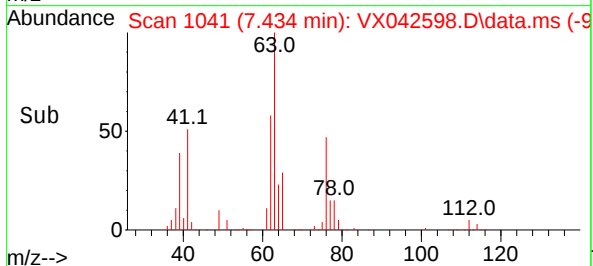
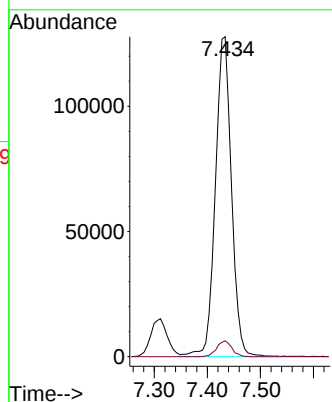
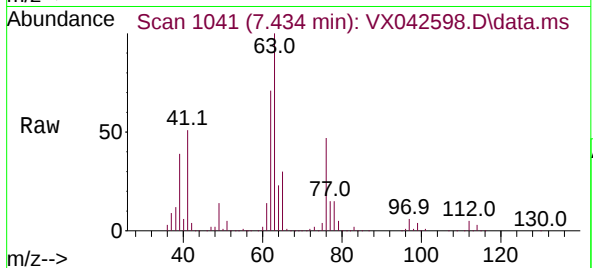




#37
1,2-Dichloropropane
Concen: 209.504 ug/L
RT: 7.434 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

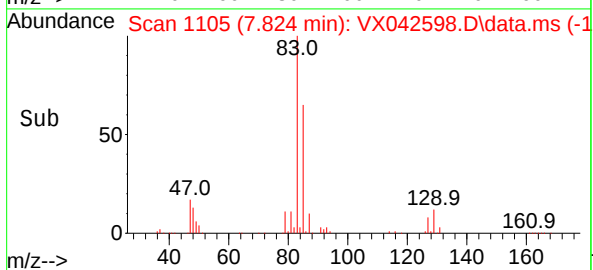
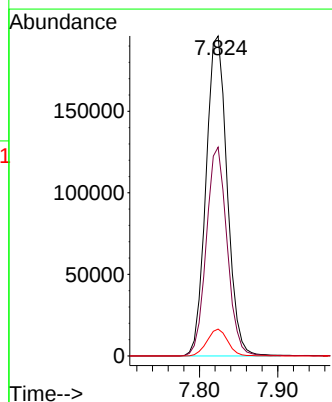
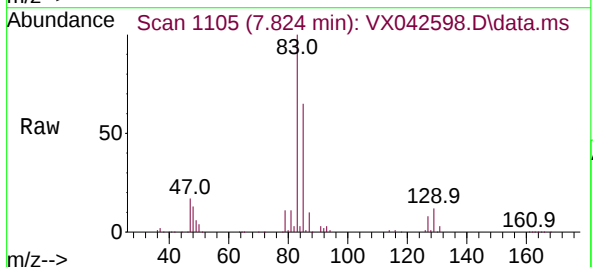
Instrument :
MSVOA_X
ClientSampleId :

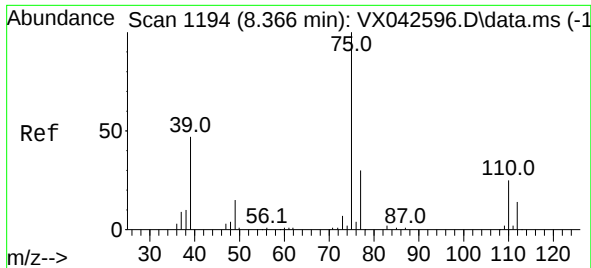
Tgt Ion: 63 Resp: 269335
Ion Ratio Lower Upper
63 100
112 4.7 3.7 5.5



#38
Bromodichloromethane
Concen: 221.295 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion: 83 Resp: 367701
Ion Ratio Lower Upper
83 100
85 65.2 43.7 81.1
127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 228.257 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

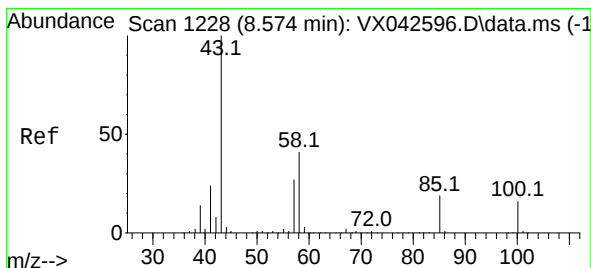
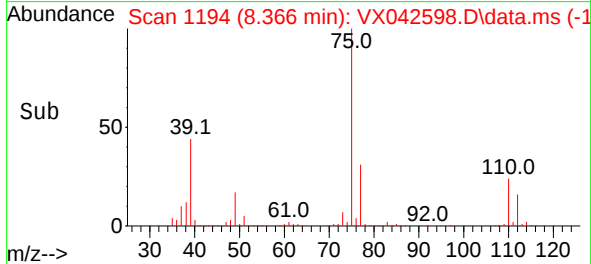
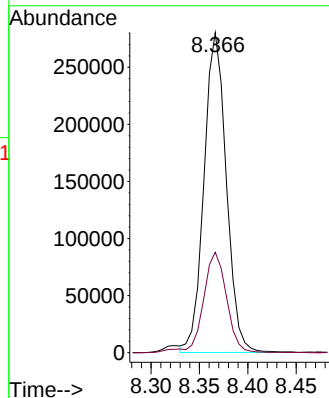
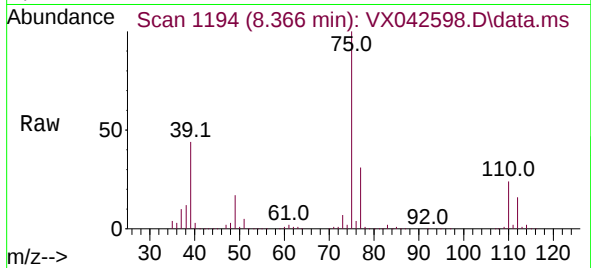
ClientSampleId :

Tgt Ion: 75 Resp: 450427

Ion Ratio Lower Upper

75 100

77 31.4 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 431.943 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

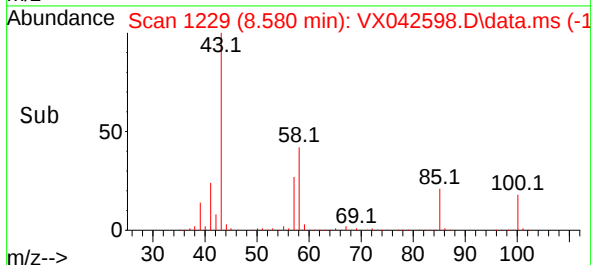
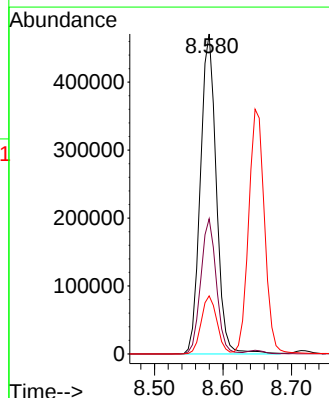
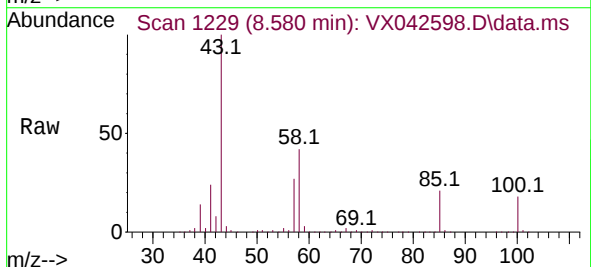
Tgt Ion: 43 Resp: 763998

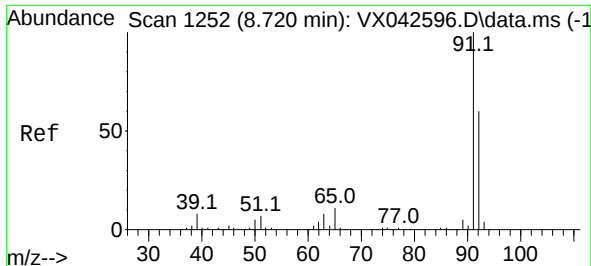
Ion Ratio Lower Upper

43 100

58 41.3 32.4 48.6

100 17.9 13.4 20.0





#42

Toluene

Concen: 210.267 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

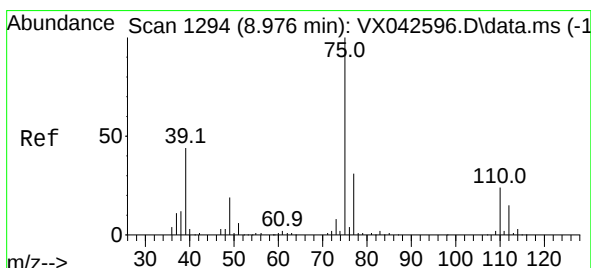
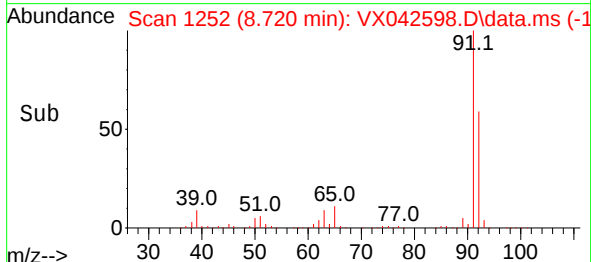
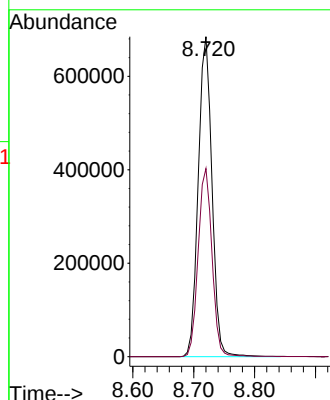
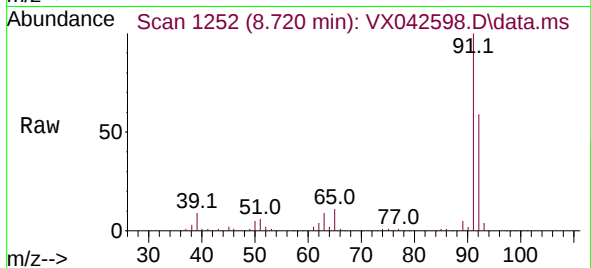
ClientSampleId :

Tgt Ion: 91 Resp: 1071269

Ion Ratio Lower Upper

91 100

92 58.8 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 238.183 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042598.D

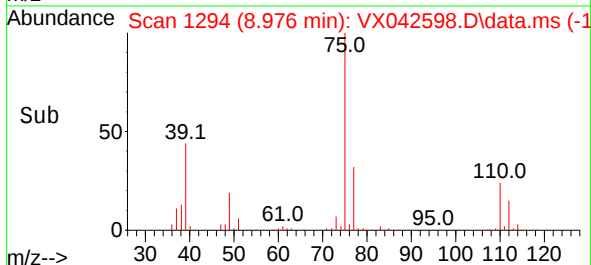
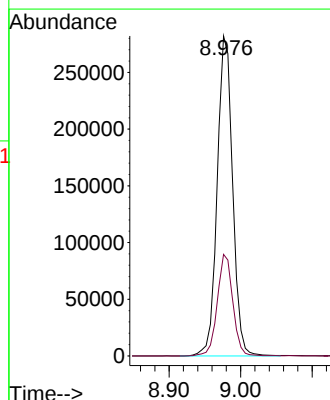
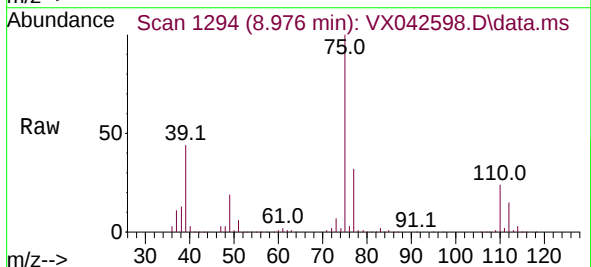
Acq: 26 Jul 2024 14:29

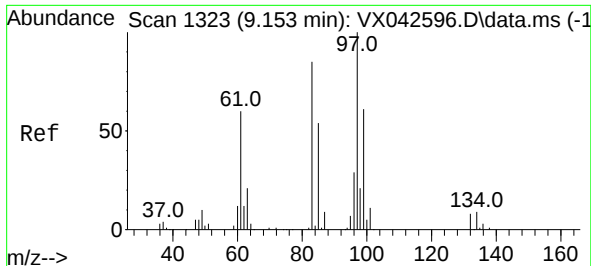
Tgt Ion: 75 Resp: 422724

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



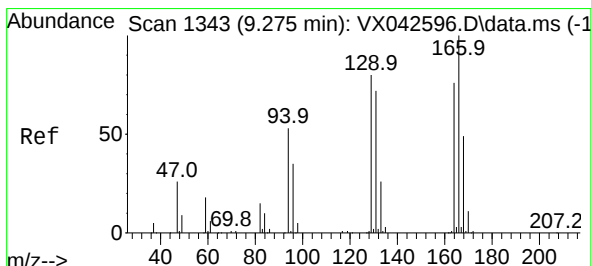
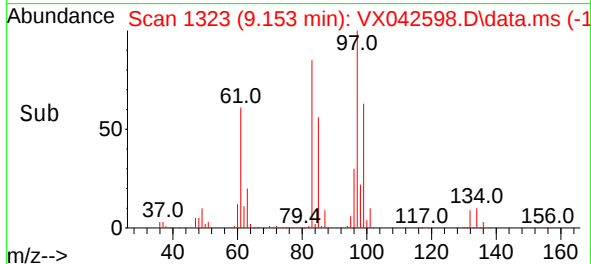
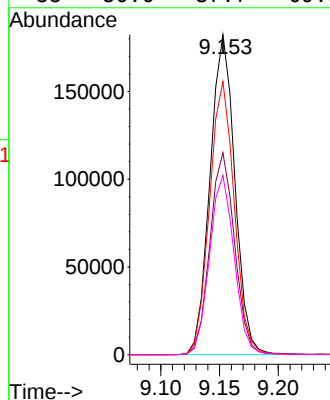
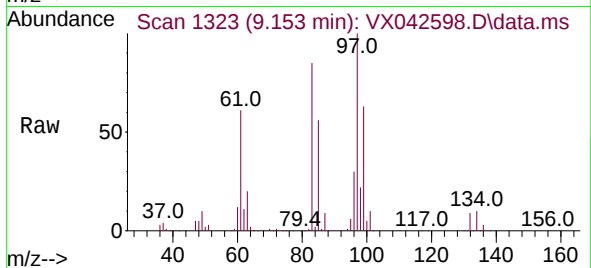


#45
1,1,2-Trichloroethane
Concen: 206.056 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 267551

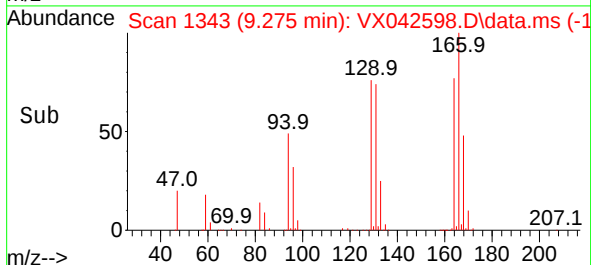
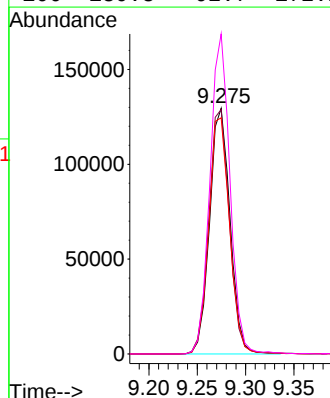
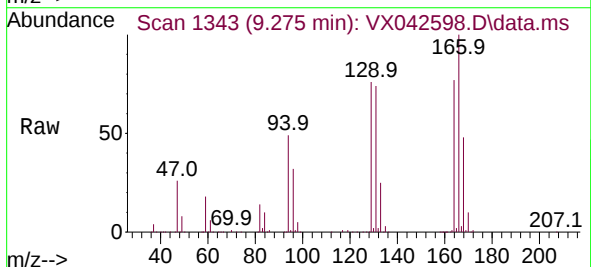
Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.6	79.2
83	85.4	59.3	110.1
85	56.0	37.7	69.9

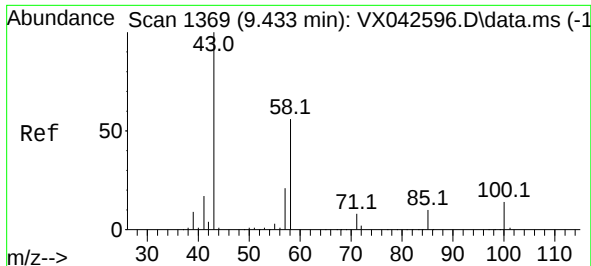


#46
Tetrachloroethene
Concen: 211.218 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion: 164 Resp: 190367

Ion	Ratio	Lower	Upper
164	100		
129	99.5	74.2	137.8
131	96.2	66.9	124.3
166	130.3	92.7	172.1

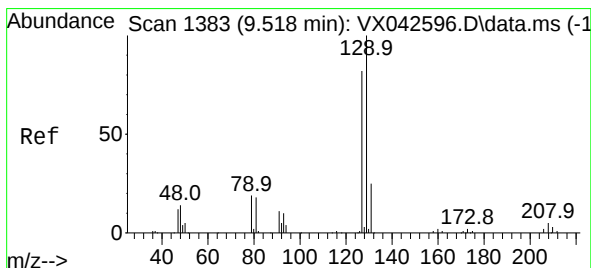
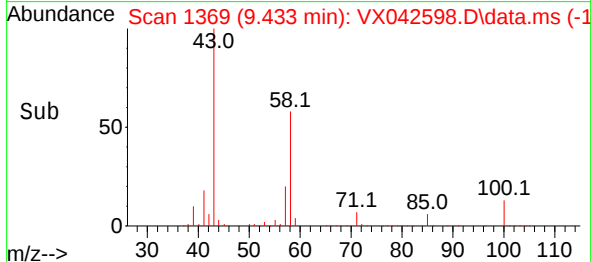
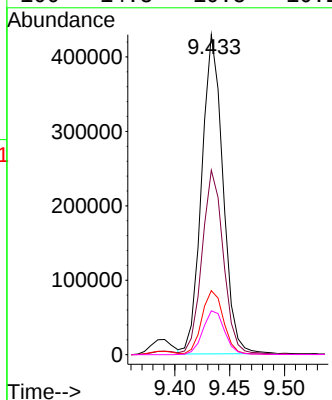
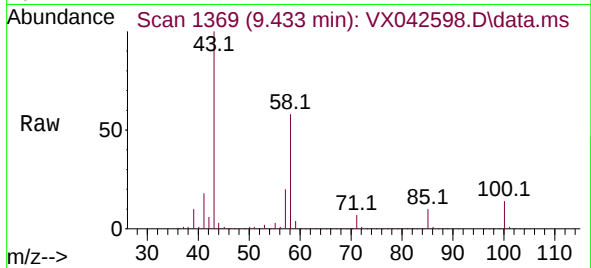




#48
2-Hexanone
Concen: 420.407 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

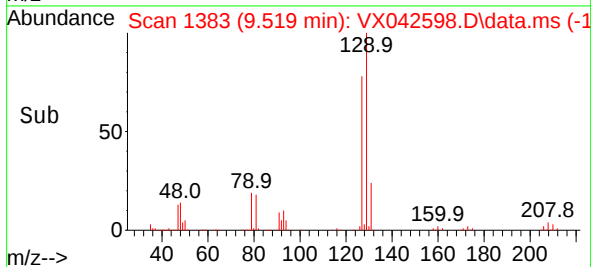
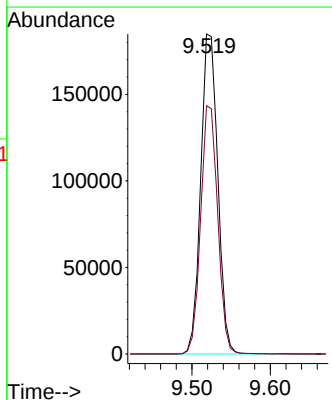
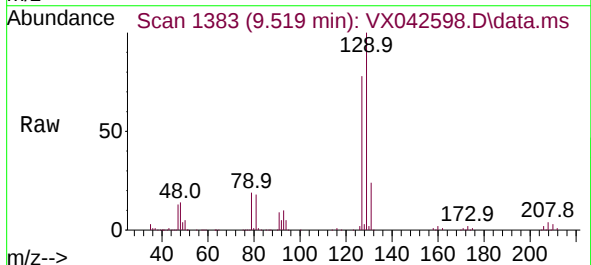
Instrument :
MSVOA_X
ClientSampleId :

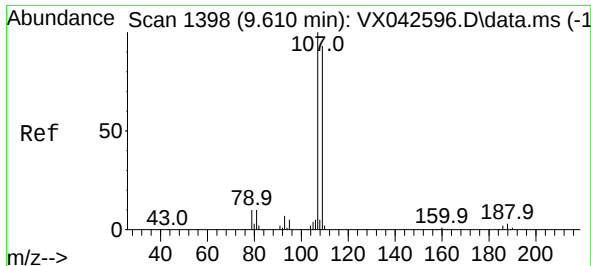
Tgt Ion: 43 Resp: 578315
Ion Ratio Lower Upper
43 100
58 58.6 44.9 67.3
57 20.3 15.8 23.6
100 14.3 10.8 16.2



#49
Dibromochloromethane
Concen: 230.745 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion:129 Resp: 279771
Ion Ratio Lower Upper
129 100
127 77.6 57.4 106.6





#50

1,2-Dibromoethane

Concen: 213.802 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

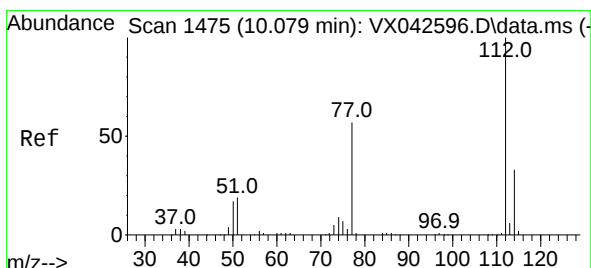
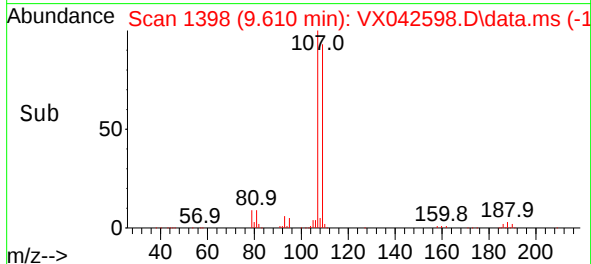
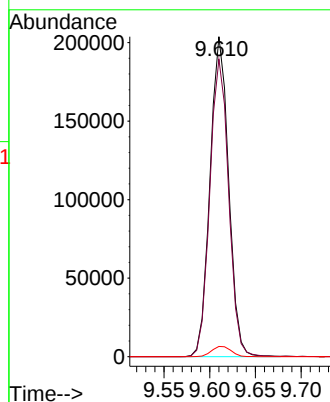
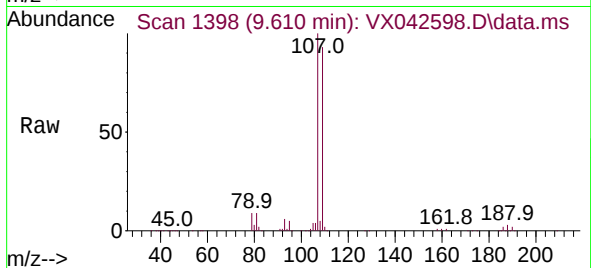
Tgt Ion:107 Resp: 288727

Ion Ratio Lower Upper

107 100

109 92.9 65.4 121.4

188 3.2 2.2 3.2



#51

Chlorobenzene

Concen: 211.359 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

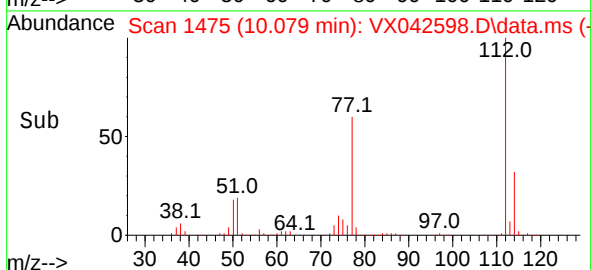
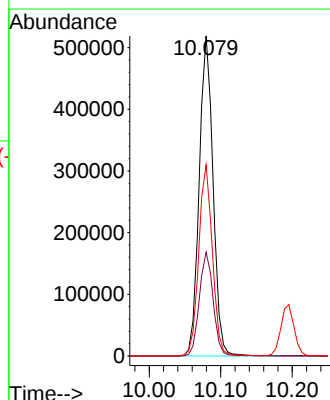
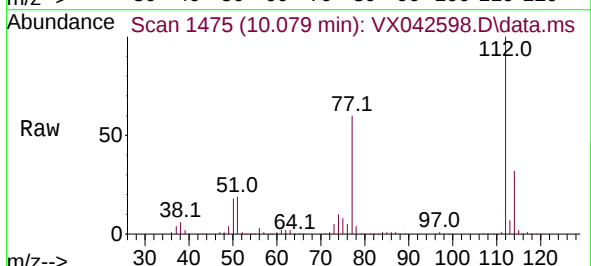
Tgt Ion:112 Resp: 696355

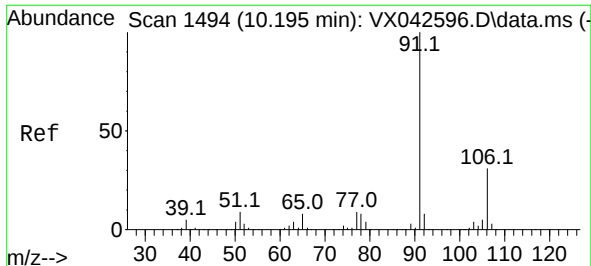
Ion Ratio Lower Upper

112 100

114 32.4 23.2 43.2

77 59.7 46.3 69.5





#52

Ethylbenzene

Concen: 217.618 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

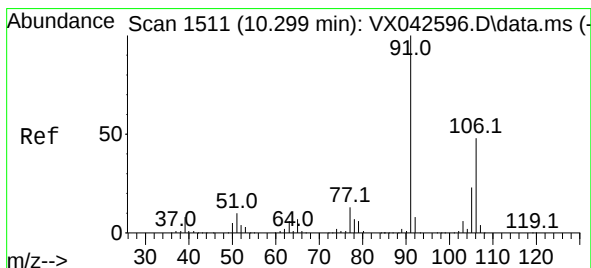
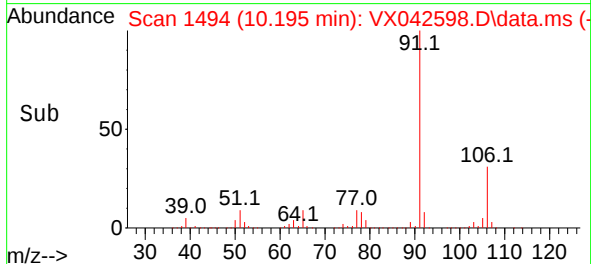
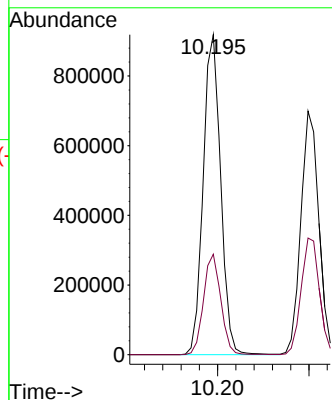
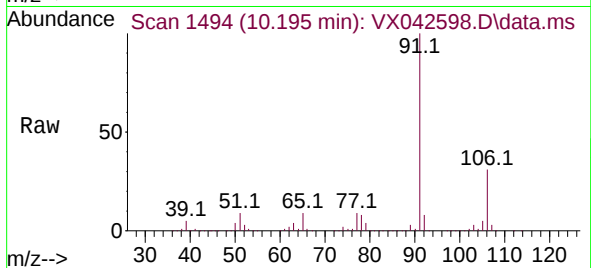
ClientSampleId :

Tgt Ion: 91 Resp: 1216071

Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.4



#53

m,p-Xylene

Concen: 221.704 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042598.D

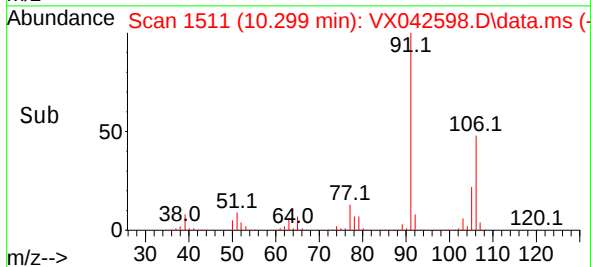
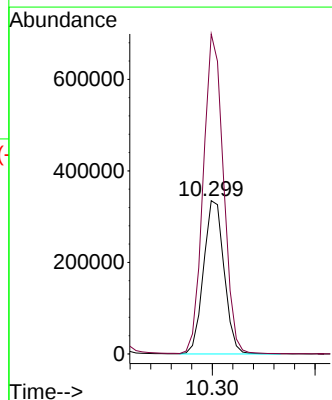
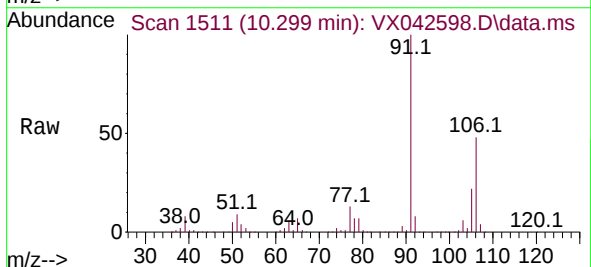
Acq: 26 Jul 2024 14:29

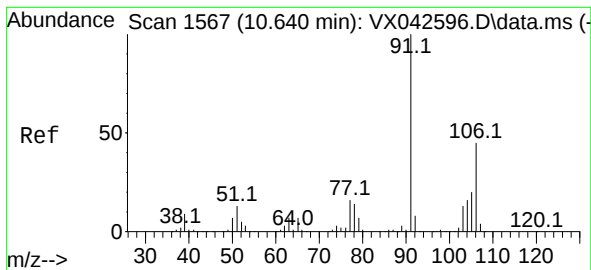
Tgt Ion:106 Resp: 466718

Ion Ratio Lower Upper

106 100

91 208.7 146.8 272.6

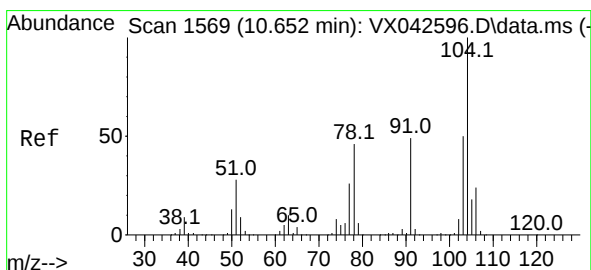
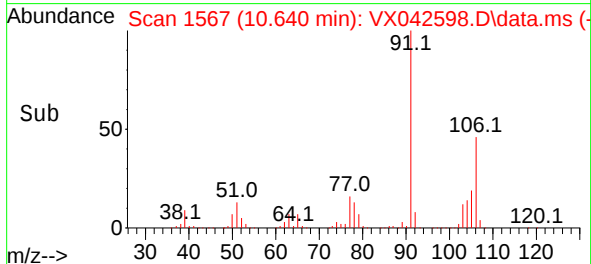
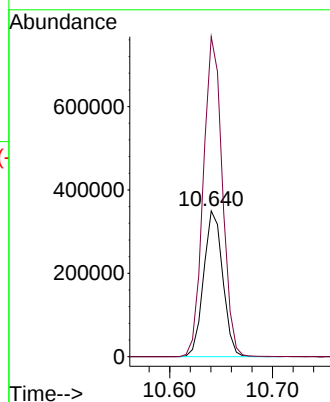
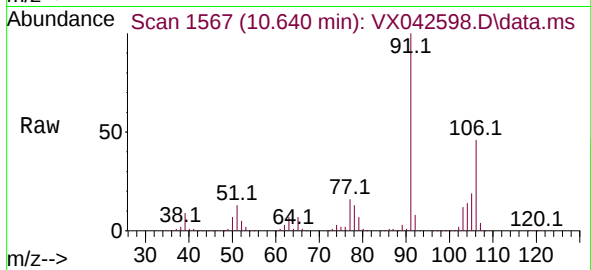




#54
o-Xylene
Concen: 216.236 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

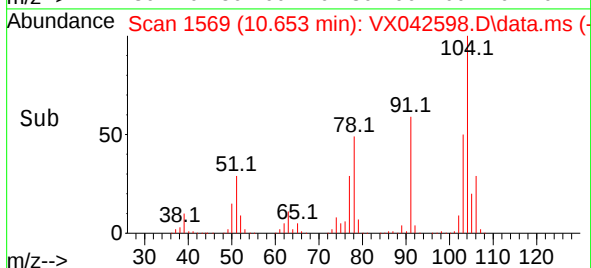
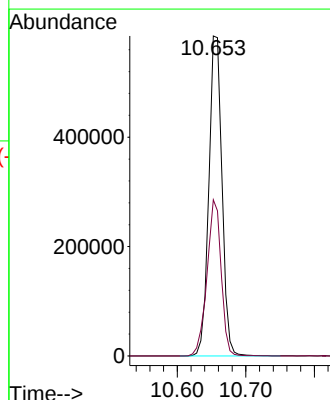
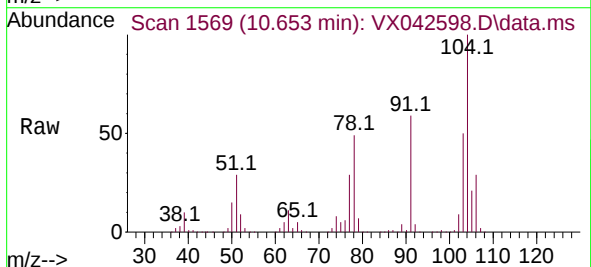
Instrument :
MSVOA_X
ClientSampleId :

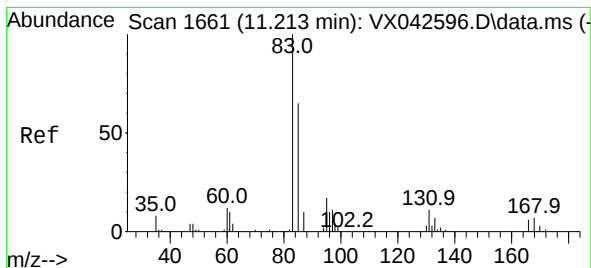
Tgt Ion:106 Resp: 452827
Ion Ratio Lower Upper
106 100
91 219.6 154.6 287.2



#55
Styrene
Concen: 224.347 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion:104 Resp: 783158
Ion Ratio Lower Upper
104 100
78 48.8 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 209.248 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

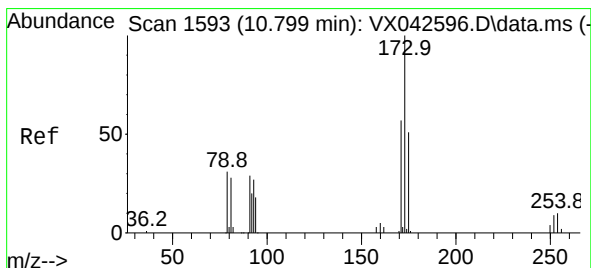
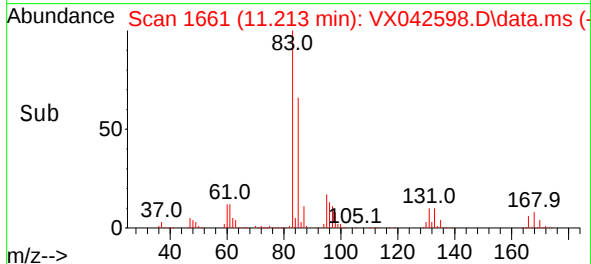
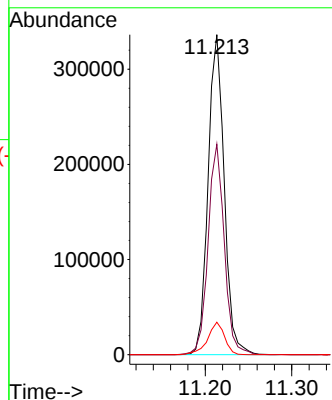
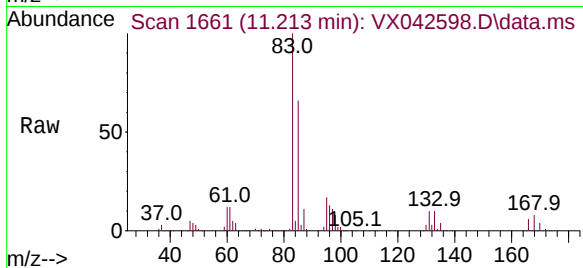
Tgt Ion: 83 Resp: 434482

Ion Ratio Lower Upper

83 100

85 65.7 46.1 85.5

131 10.2 8.6 13.0



#59

Bromoform

Concen: 226.963 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

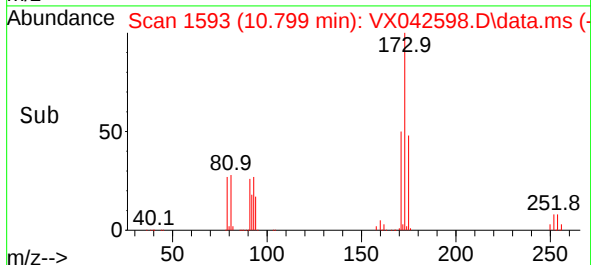
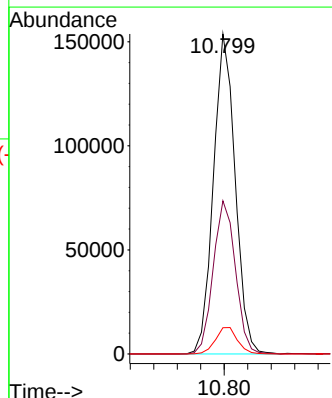
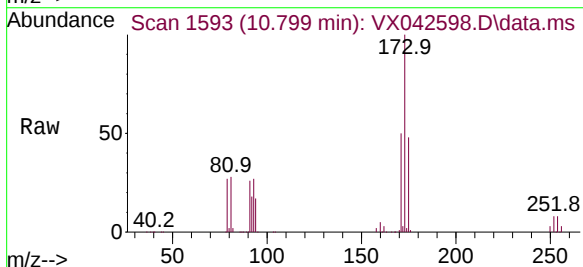
Tgt Ion:173 Resp: 197640

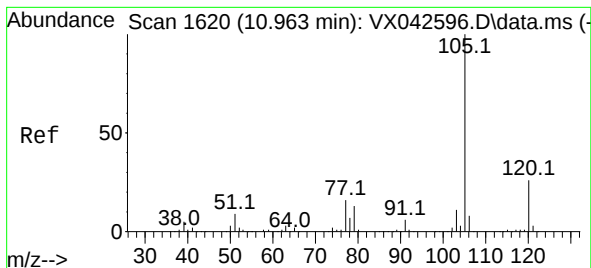
Ion Ratio Lower Upper

173 100

175 48.9 37.4 56.2

254 8.4 6.8 10.2





#60

Isopropylbenzene

Concen: 203.620 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

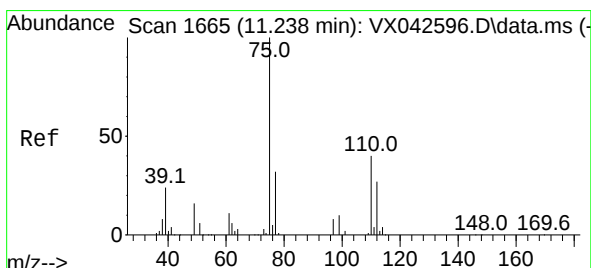
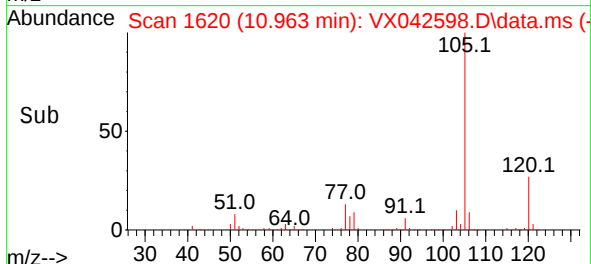
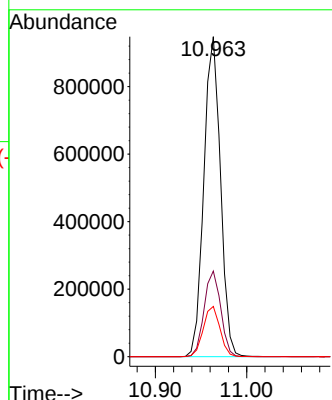
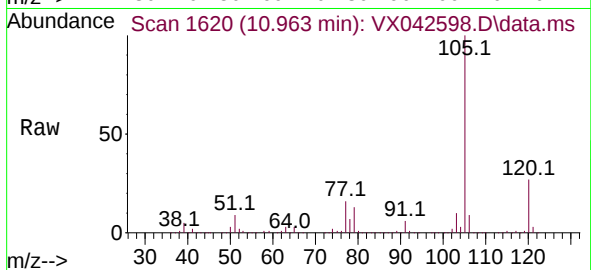
Tgt Ion:105 Resp: 1193853

Ion Ratio Lower Upper

105 100

120 26.7 21.0 31.6

77 15.8 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 190.127 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

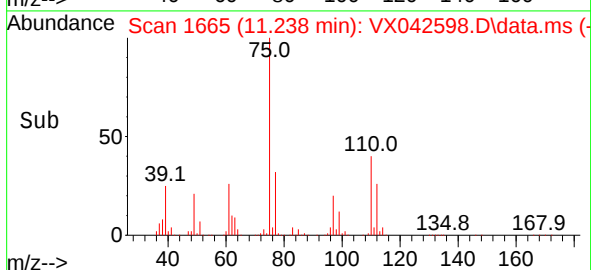
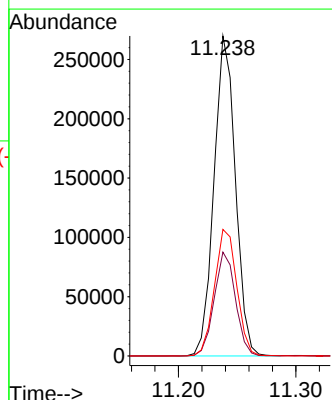
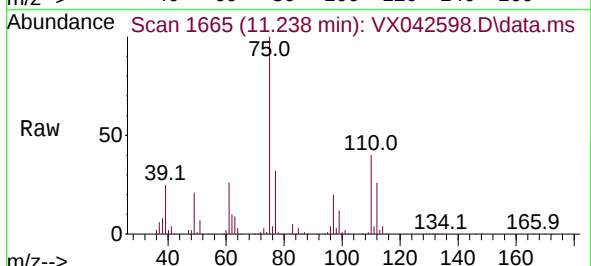
Tgt Ion: 75 Resp: 341312

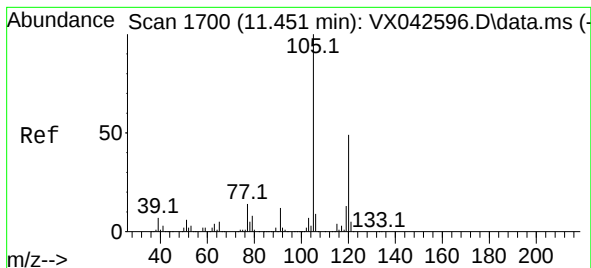
Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.4

110 41.2 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 210.664 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

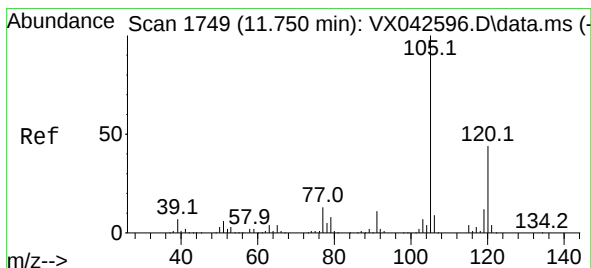
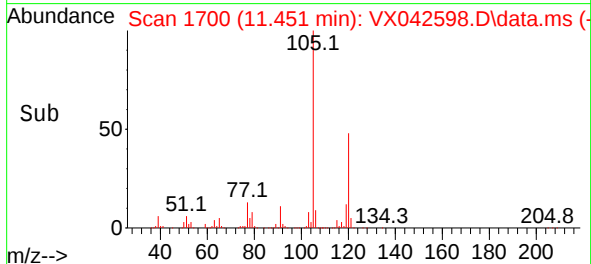
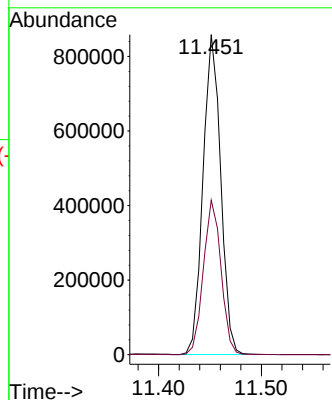
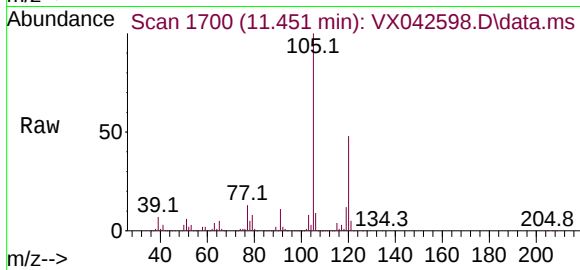
ClientSampleId :

Tgt Ion:105 Resp: 1027259

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 213.659 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042598.D

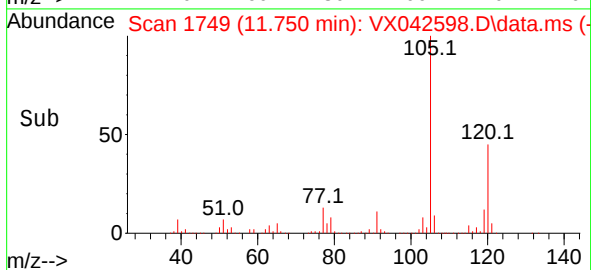
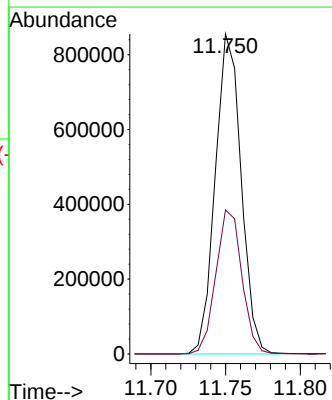
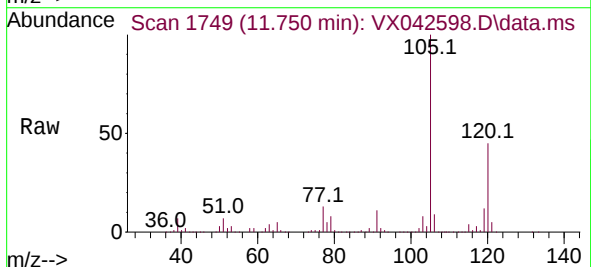
Acq: 26 Jul 2024 14:29

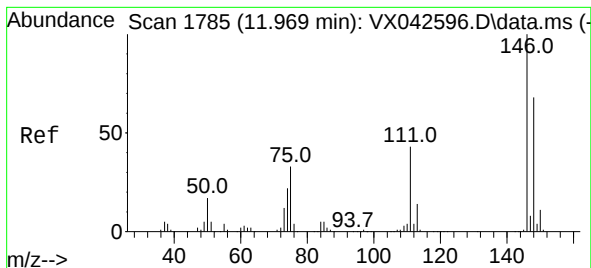
Tgt Ion:105 Resp: 1028740

Ion Ratio Lower Upper

105 100

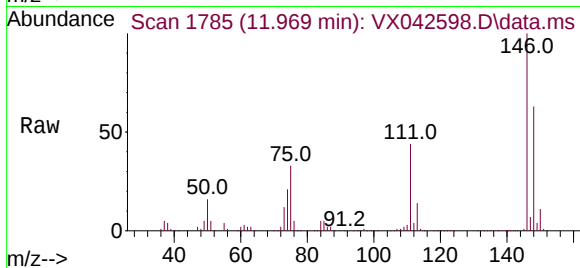
120 45.3 35.2 52.8



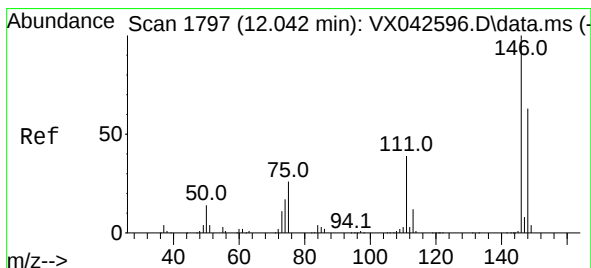
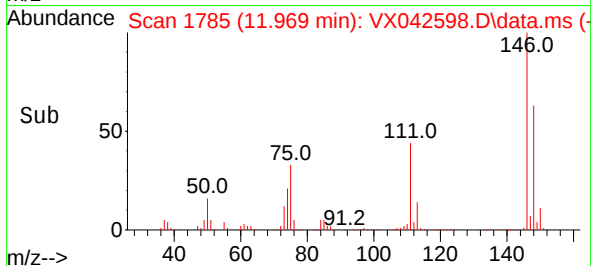
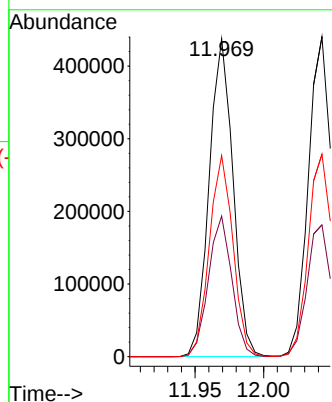


#64
1,3-Dichlorobenzene
Concen: 209.334 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Instrument :
MSVOA_X
ClientSampleId :

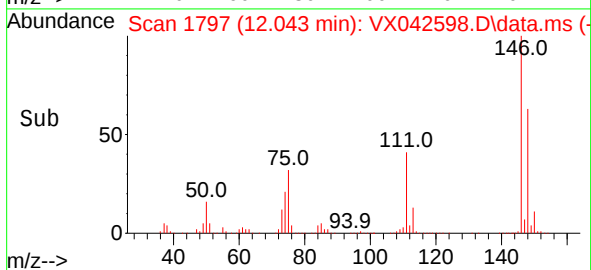
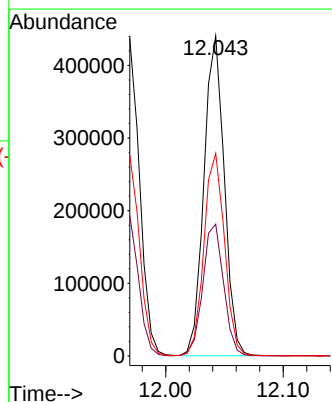
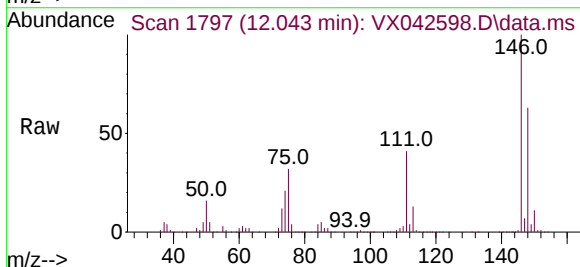


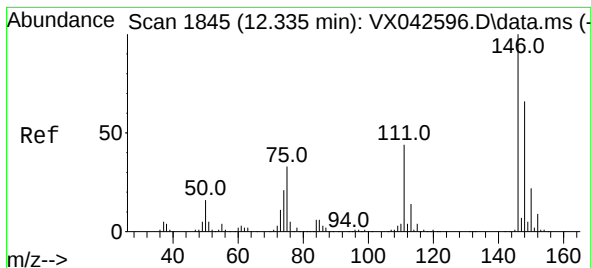
Tgt Ion:146 Resp: 527865
Ion Ratio Lower Upper
146 100
111 44.2 30.4 56.5
148 63.3 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 208.422 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

Tgt Ion:146 Resp: 529357
Ion Ratio Lower Upper
146 100
111 41.2 27.9 51.7
148 63.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 205.599 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

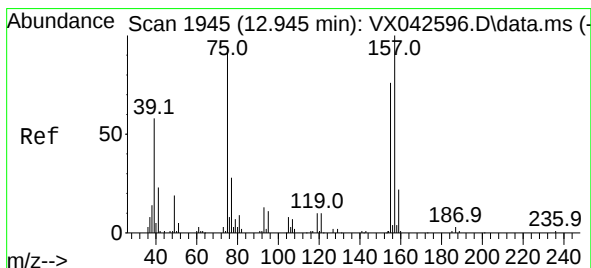
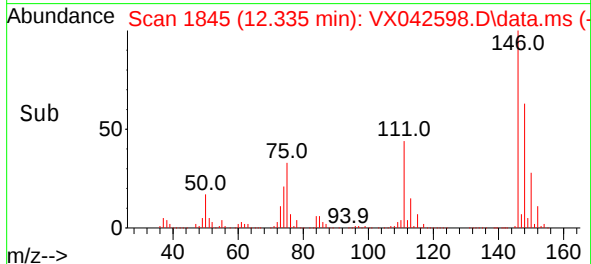
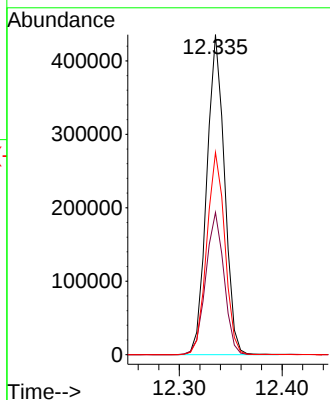
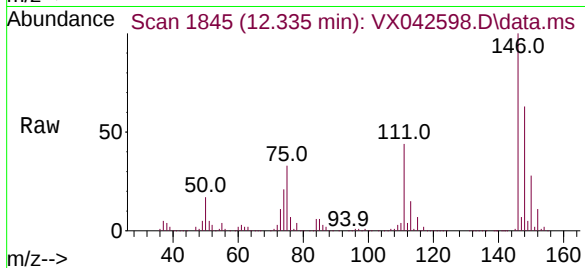
Tgt Ion:146 Resp: 522055

Ion Ratio Lower Upper

146 100

111 44.5 35.3 52.9

148 63.2 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 219.569 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

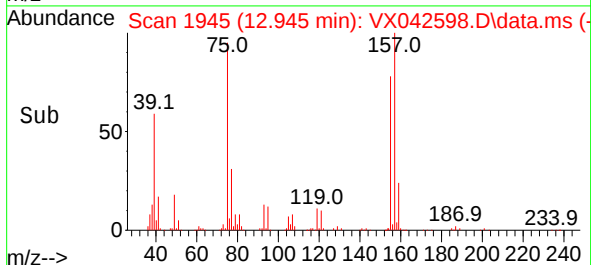
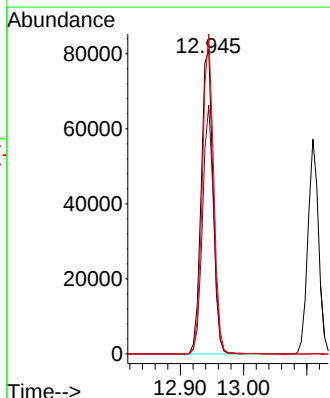
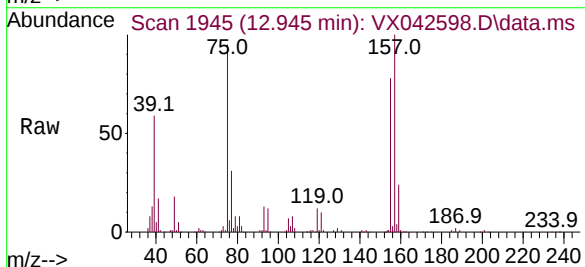
Tgt Ion: 75 Resp: 105009

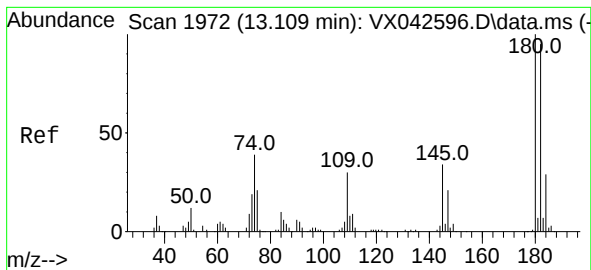
Ion Ratio Lower Upper

75 100

155 81.7 65.1 97.7

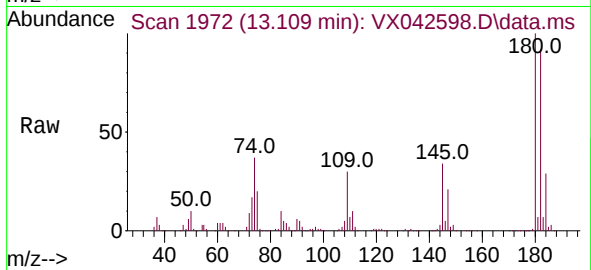
157 105.1 85.8 128.6



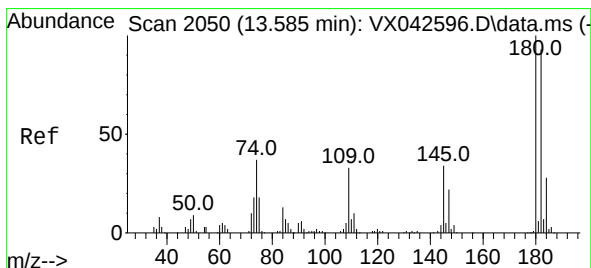
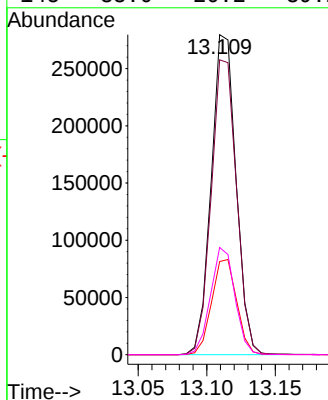
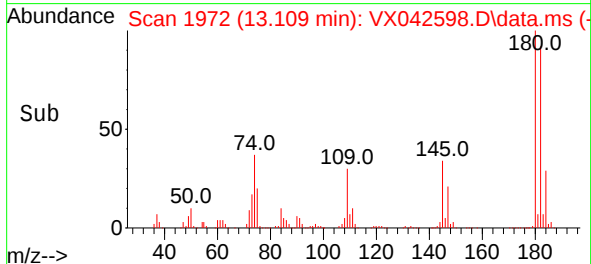


#69
1,3,5-Trichlorobenzene
Concen: 225.047 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29

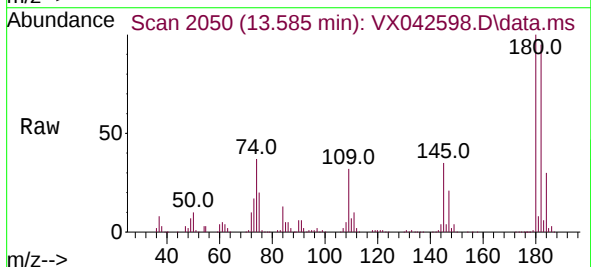
Instrument :
MSVOA_X
ClientSampleId :



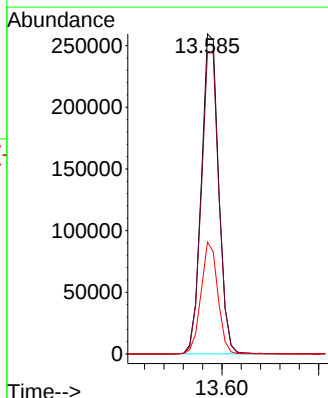
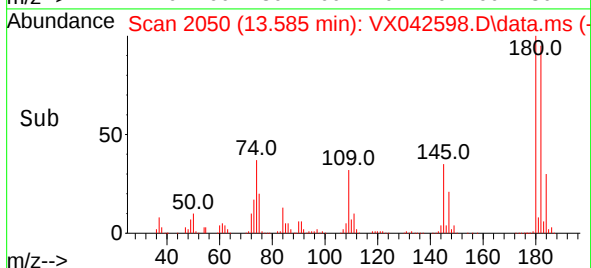
Tgt Ion:180 Resp: 351983
Ion Ratio Lower Upper
180 100
182 94.0 75.4 113.0
184 30.1 23.4 35.0
145 33.0 26.2 39.2

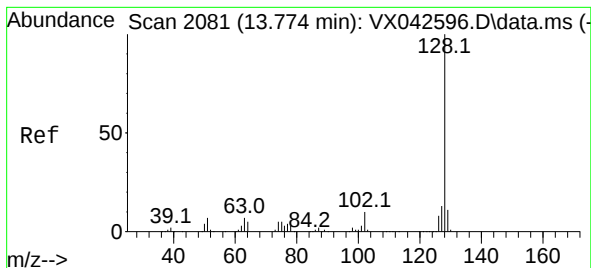


#70
1,2,4-trichlorobenzene
Concen: 234.790 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX042598.D
Acq: 26 Jul 2024 14:29



Tgt Ion:180 Resp: 322033
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.4
145 34.0 27.0 40.6





#71

Naphthalene

Concen: 229.650 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Instrument :

MSVOA_X

ClientSampleId :

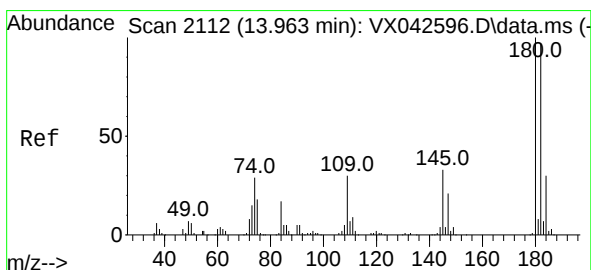
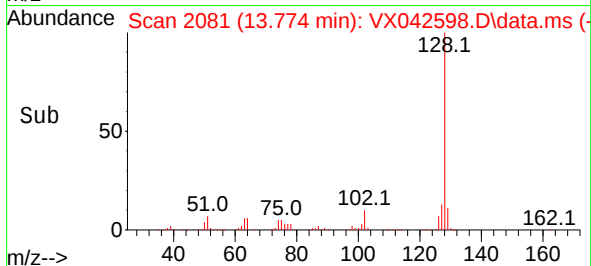
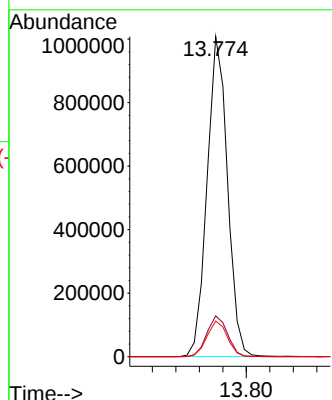
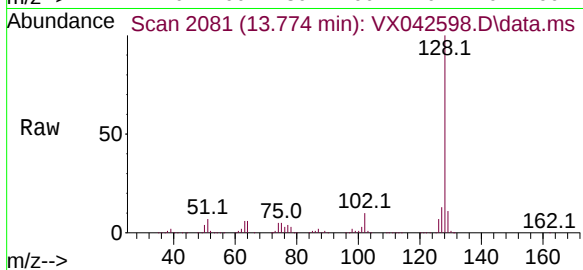
Tgt Ion:128 Resp: 1215054

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 225.315 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042598.D

Acq: 26 Jul 2024 14:29

Tgt Ion:180 Resp: 320120

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

145 35.9 27.6 41.4

