

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070824\
 Data File : VX042235.D
 Acq On : 08 Jul 2024 13:51
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 02:37:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 09 02:35:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	275678	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	258493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141899	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	62525	38.966	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.940%
7) Chloroethane-d5	1.648	69	42913	42.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.940%
11) 1,1-Dichloroethene-d2	2.294	65	30297	43.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.280%
21) 2-Butanone-d5	4.464	46	118196	102.214	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.210%
24) Chloroform-d	5.056	84	151679	47.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.020%
26) 1,2-Dichloroethane-d4	5.958	65	92651	48.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.300%
32) Benzene-d6	5.970	84	303737	45.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.920%
36) 1,2-Dichloropropane-d6	7.305	67	93560	46.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.060%
41) Toluene-d8	8.647	98	287913	46.241	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.480%
43) trans-1,3-Dichloroprop...	8.951	79	40984	47.161	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.320%
47) 2-Hexanone-d5	9.384	63	94363	103.388	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.390%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144200	48.509	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	127777	46.361	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	92311	46.814	ug/L	99
3) Chloromethane	1.307	50	95623	47.987	ug/L	97
5) Vinyl chloride	1.374	62	91521	46.695	ug/L	99
6) Bromomethane	1.593	94	50207	47.012	ug/L	100
8) Chloroethane	1.666	64	46696	47.799	ug/L	97
9) Trichlorofluoromethane	1.873	101	132738	52.037	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	87459	49.751	ug/L	100
12) 1,1-Dichloroethene	2.306	96	79444	47.710	ug/L	93
13) Acetone	2.386	43	89133	112.992	ug/L	97
14) Carbon disulfide	2.501	76	183733	44.353	ug/L	100
15) Methyl Acetate	2.709	43	101307	50.545	ug/L	100
16) Methylene chloride	2.782	84	93659	45.589	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	82676	48.274	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	275654	49.220	ug/L	100
19) 1,1-Dichloroethane	3.605	63	151483	49.256	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	96784	48.102	ug/L	97
22) 2-Butanone	4.568	43	143354	108.564	ug/L	99
23) Bromochloromethane	4.897	128	51809	48.182	ug/L	93
25) Chloroform	5.092	83	159241	49.383	ug/L	97

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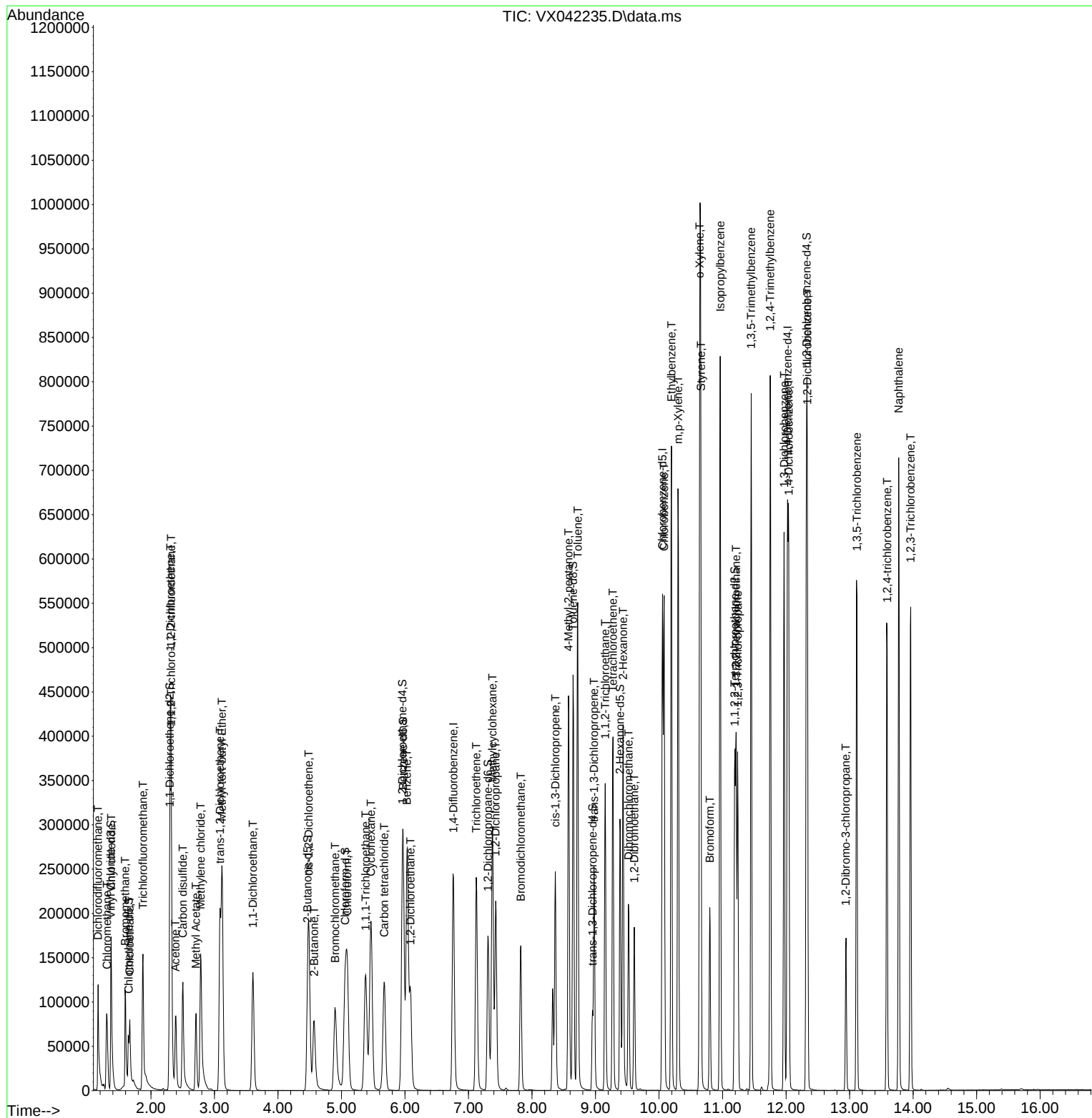
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	118101	49.421	ug/L	99
29) Cyclohexane	5.464	56	135826	48.620	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	135075	47.996	ug/L	99
31) Carbon tetrachloride	5.672	117	118569	48.233	ug/L	99
33) Benzene	6.031	78	351811	48.670	ug/L	100
34) Trichloroethene	7.123	95	92690	48.953	ug/L	97
35) Methylcyclohexane	7.379	83	144226	50.236	ug/L	99
37) 1,2-Dichloropropane	7.427	63	90527	48.809	ug/L	99
38) Bromodichloromethane	7.824	83	109324	48.135	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	134563	49.273	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	273121	103.242	ug/L	98
42) Toluene	8.720	91	378557	49.080	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	121298	49.539	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	97606	49.184	ug/L	99
46) Tetrachloroethene	9.275	164	87114	49.152	ug/L	99
48) 2-Hexanone	9.433	43	209107	100.654	ug/L	99
49) Dibromochloromethane	9.518	129	96868	47.928	ug/L	99
50) 1,2-Dibromoethane	9.610	107	103692	48.651	ug/L	98
51) Chlorobenzene	10.079	112	259859	49.080	ug/L	98
52) Ethylbenzene	10.195	91	422077	50.356	ug/L	99
53) m,p-Xylene	10.299	106	171329	50.783	ug/L	99
54) o-Xylene	10.640	106	167405	49.675	ug/L	98
55) Styrene	10.658	104	283139	50.422	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	152712	47.945	ug/L	100
59) Bromoform	10.799	173	81170	45.635	ug/L	99
60) Isopropylbenzene	10.963	105	440732	49.609	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	118177	46.901	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	336074	49.748	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	361152	49.883	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	218869	49.124	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	217474	48.253	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	219605	47.881	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	30646	47.512	ug/L	81
69) 1,3,5-Trichlorobenzene	13.115	180	164743	50.889	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	147364	50.048	ug/L	99
71) Naphthalene	13.774	128	454038	49.881	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	154333	49.603	ug/L	99

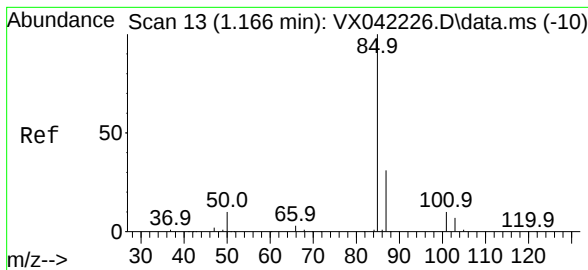
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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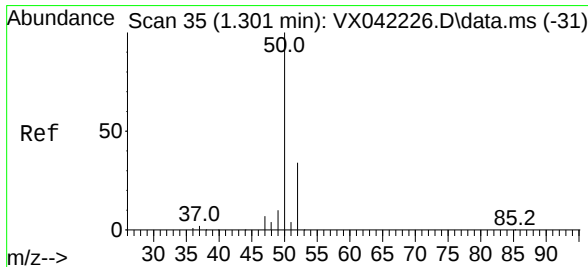
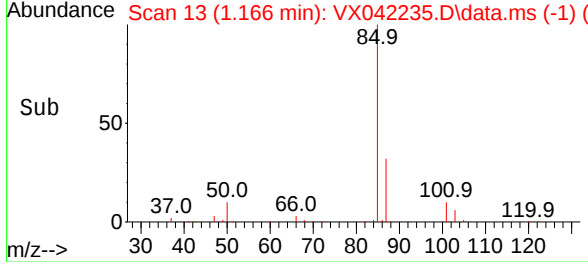
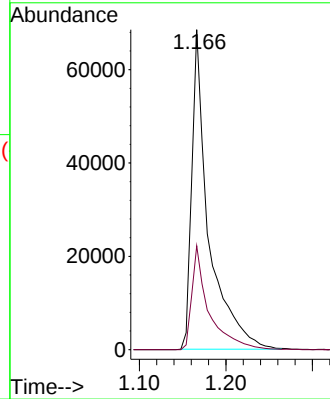
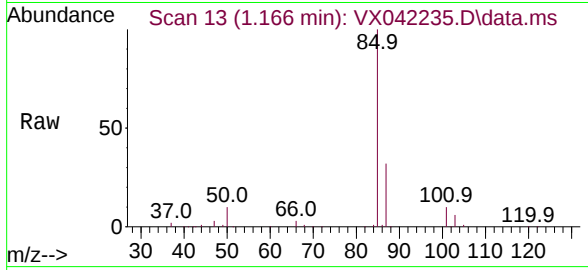




#2
 Dichlorodifluoromethane
 Concen: 46.814 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX042235.D
 Acq: 08 Jul 2024 13:51

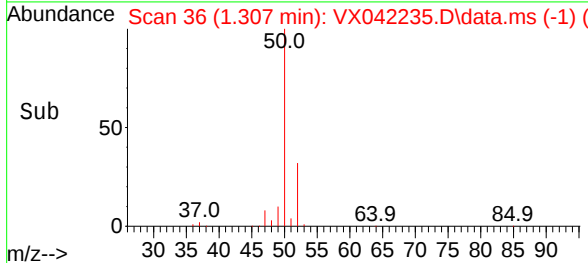
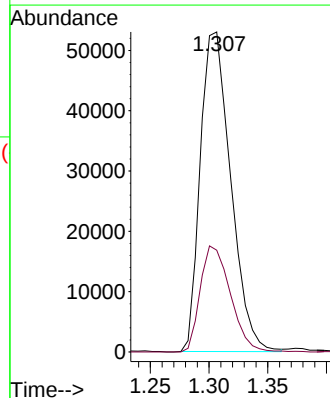
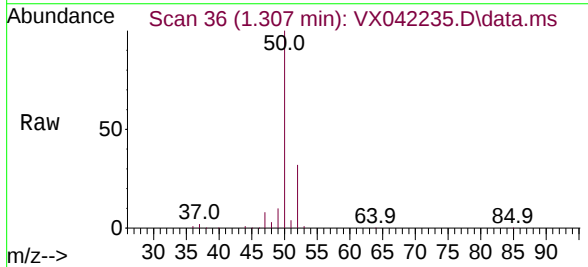
Instrument :
 MSVOA_X
 ClientSampleId :

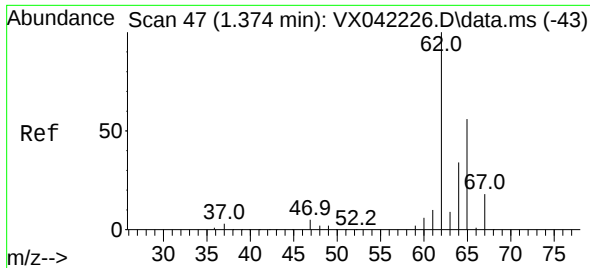
Tgt Ion: 85 Resp: 92311
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 47.987 ug/L
 RT: 1.307 min Scan# 36
 Delta R.T. 0.006 min
 Lab File: VX042235.D
 Acq: 08 Jul 2024 13:51

Tgt Ion: 50 Resp: 95623
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.5 43.7

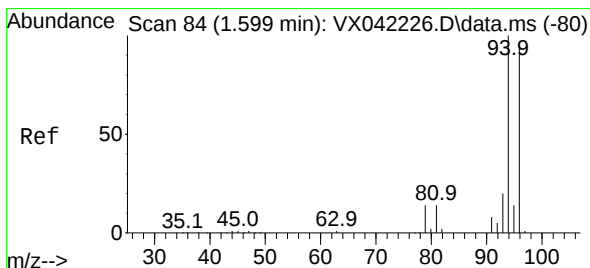
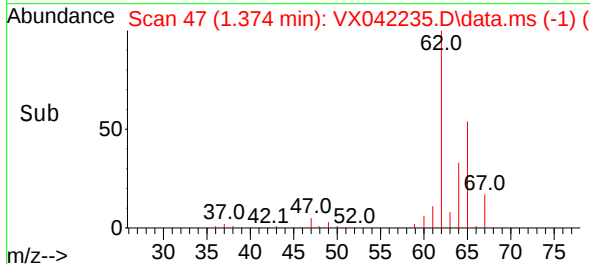
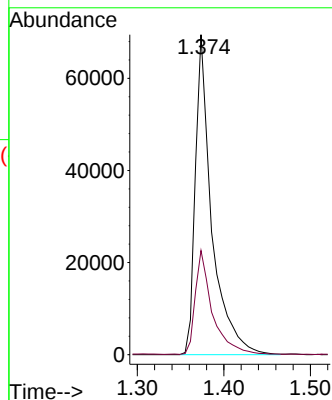
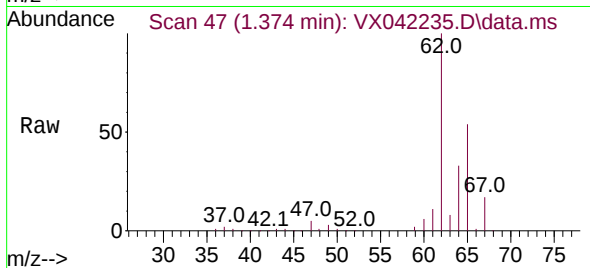




#5
 Vinyl chloride
 Concen: 46.695 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042235.D
 Acq: 08 Jul 2024 13:51

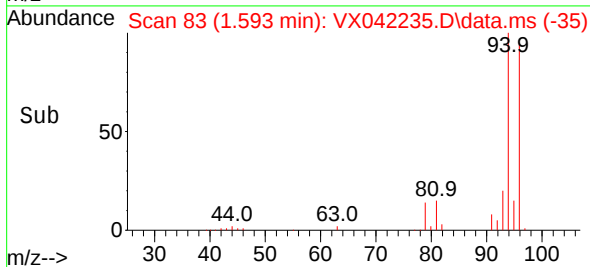
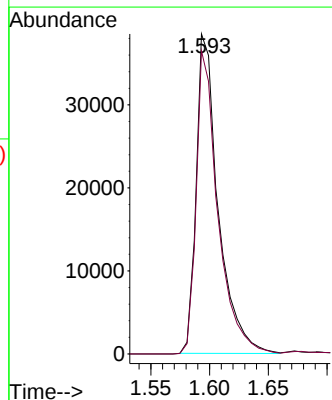
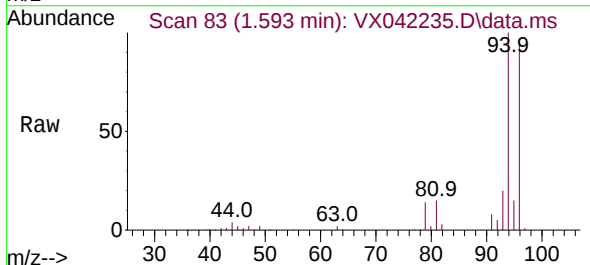
Instrument :
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 ClientSampleId :

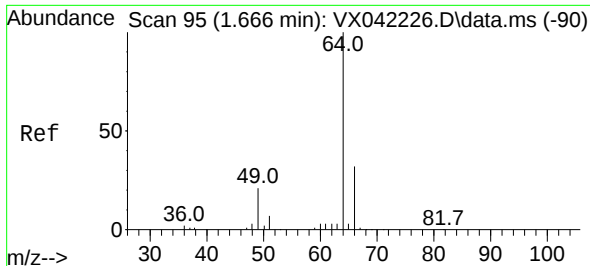
Tgt Ion: 62 Resp: 91521
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 47.012 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: VX042235.D
 Acq: 08 Jul 2024 13:51

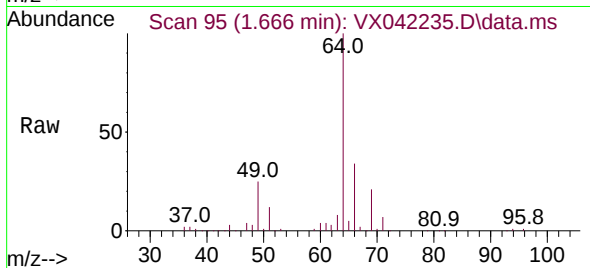
Tgt Ion: 94 Resp: 50207
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.4 123.4



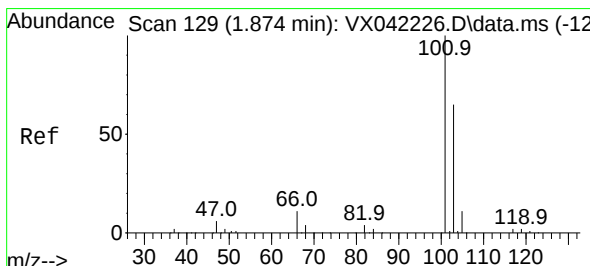
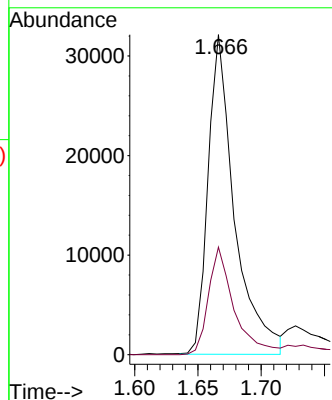
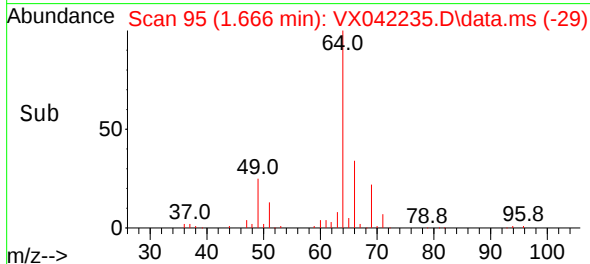


#8
Chloroethane
Concen: 47.799 ug/L
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :

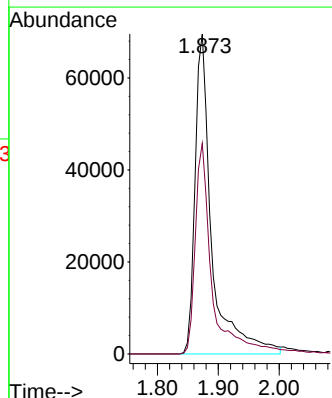
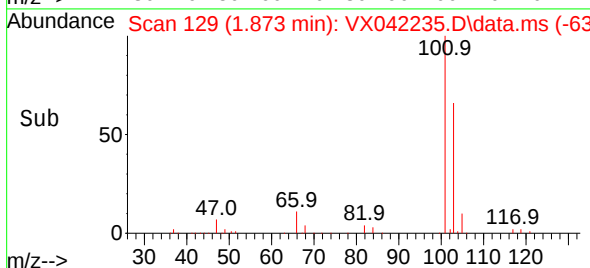
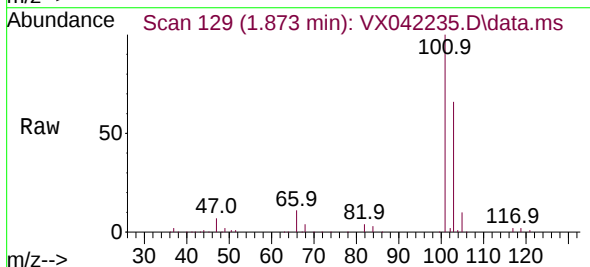


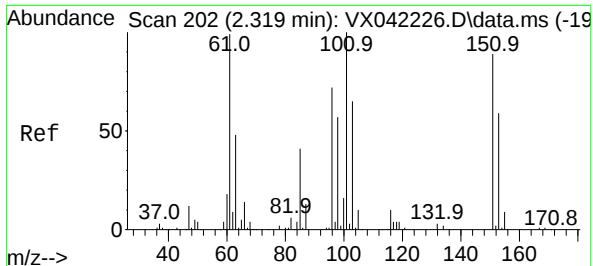
Tgt Ion: 64 Resp: 46696
Ion Ratio Lower Upper
64 100
66 33.6 22.5 41.7



#9
Trichlorofluoromethane
Concen: 52.037 ug/L
RT: 1.873 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

Tgt Ion:101 Resp: 132738
Ion Ratio Lower Upper
101 100
103 65.9 50.2 75.4

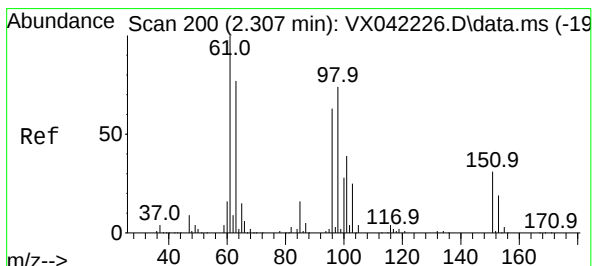
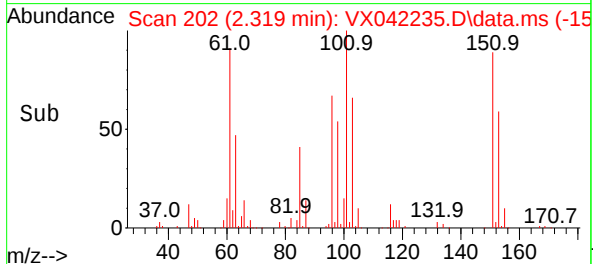
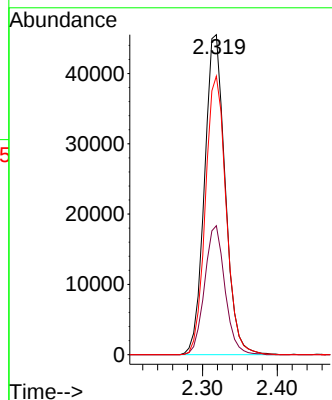
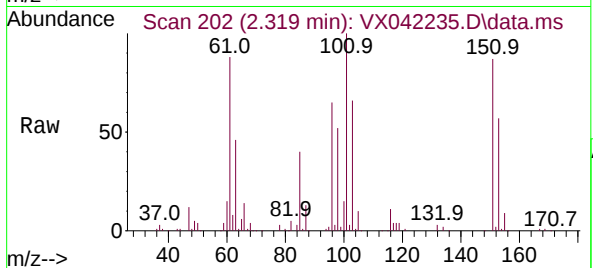




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.751 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX042235.D
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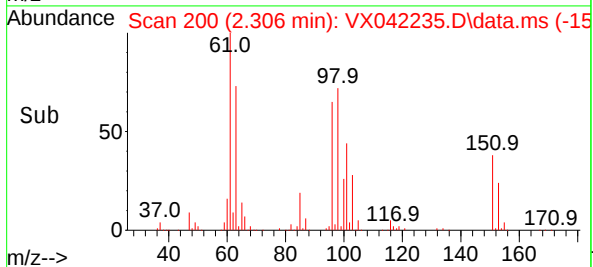
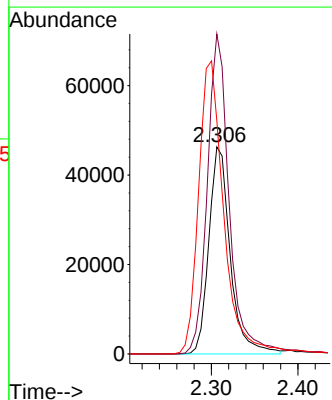
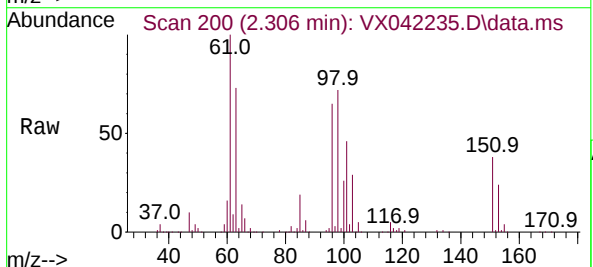
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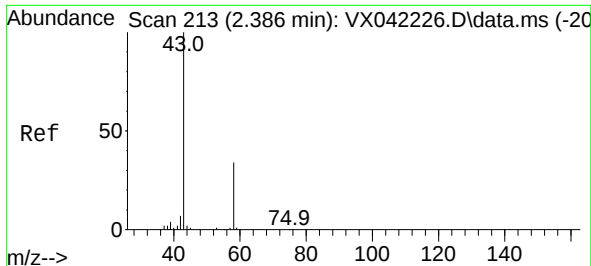
Tgt Ion:101 Resp: 87459
 Ion Ratio Lower Upper
 101 100
 85 39.7 31.3 46.9
 151 87.2 69.7 104.5



#12
 1,1-Dichloroethene
 Concen: 47.710 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VX042235.D
 Acq: 08 Jul 2024 13:51

Tgt Ion: 96 Resp: 79444
 Ion Ratio Lower Upper
 96 100
 61 154.5 106.7 198.1
 63 112.6 89.2 165.6





#13

Acetone

Concen: 112.992 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

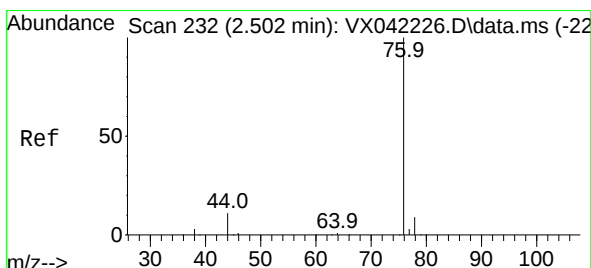
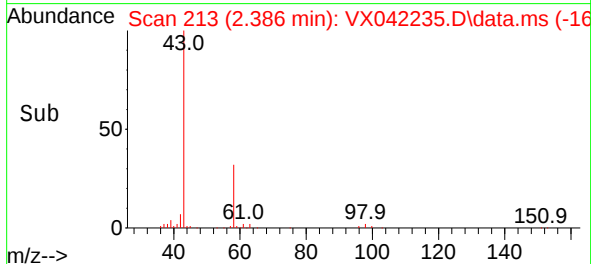
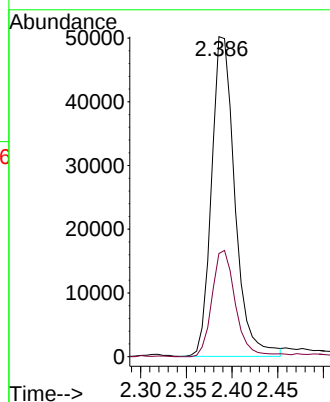
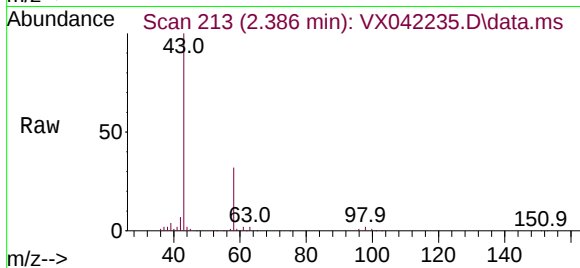
ClientSampleId :

Tgt Ion: 43 Resp: 89133

Ion Ratio Lower Upper

43 100

58 33.2 0.0 62.6



#14

Carbon disulfide

Concen: 44.353 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

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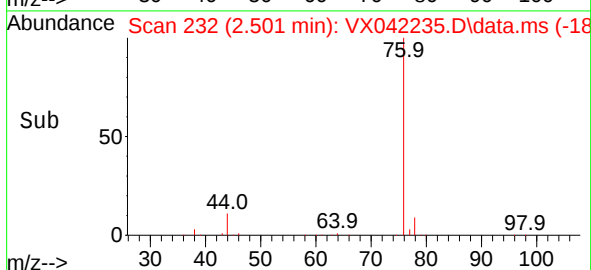
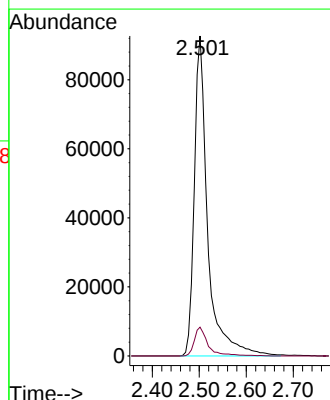
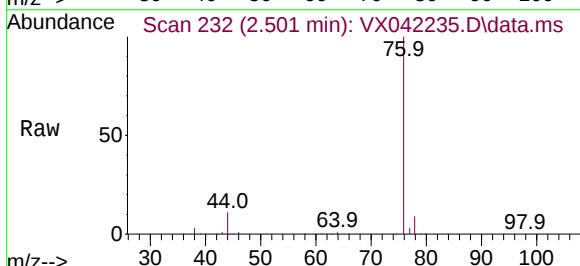
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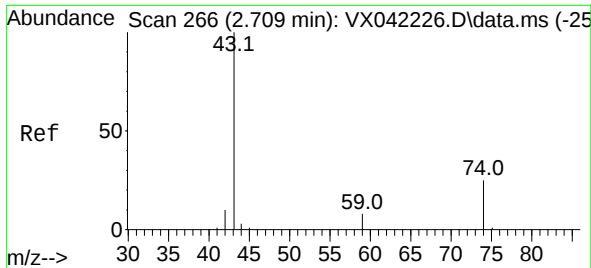
Tgt Ion: 76 Resp: 183733

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7





#15

Methyl Acetate

Concen: 50.545 ug/L

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

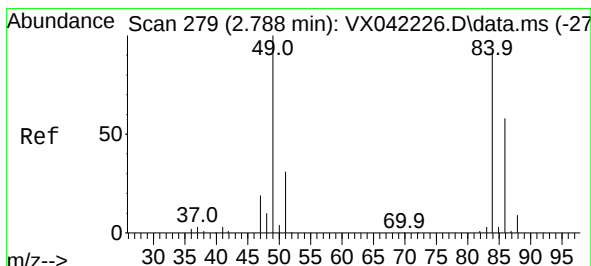
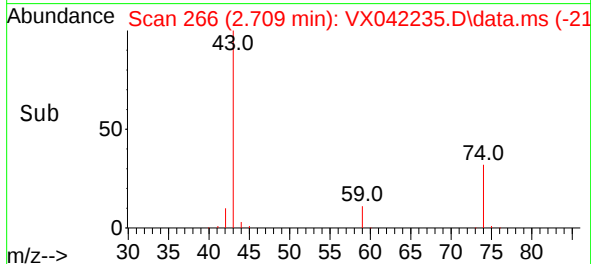
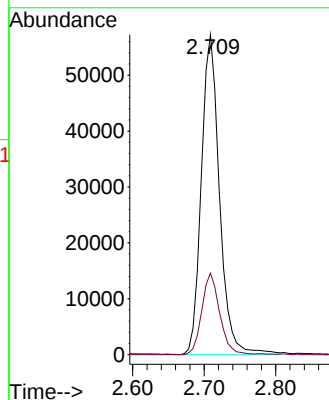
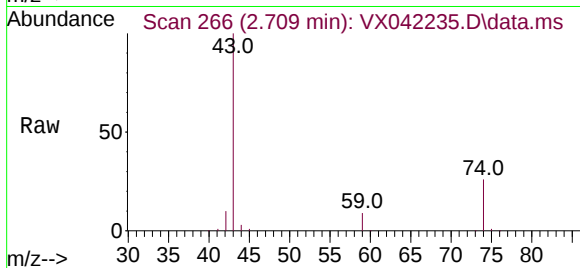
ClientSampleId :

Tgt Ion: 43 Resp: 101307

Ion Ratio Lower Upper

43 100

74 24.9 20.1 30.1



#16

Methylene chloride

Concen: 45.589 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

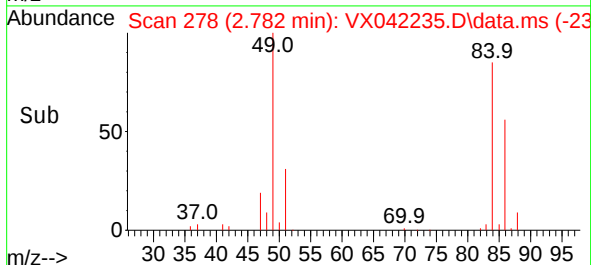
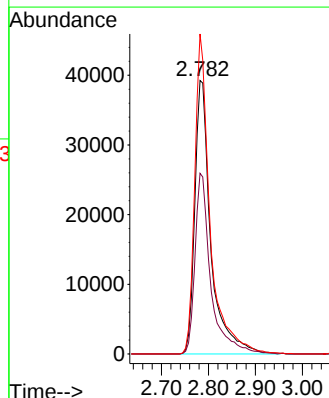
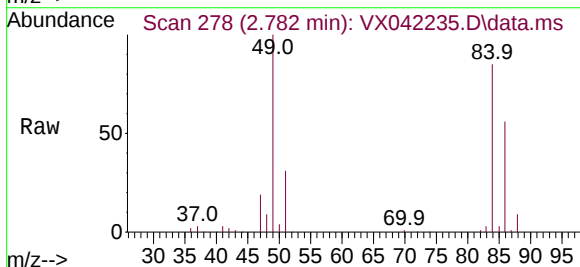
Tgt Ion: 84 Resp: 93659

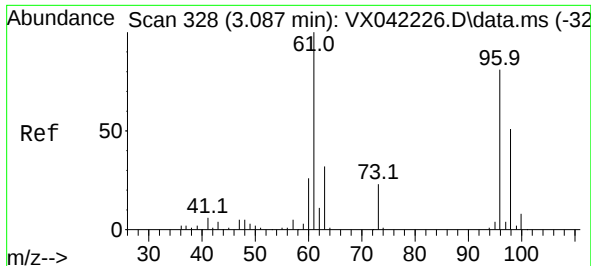
Ion Ratio Lower Upper

84 100

86 66.0 45.7 84.9

49 117.0 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 48.274 ug/L

RT: 3.087 min Scan# 328

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

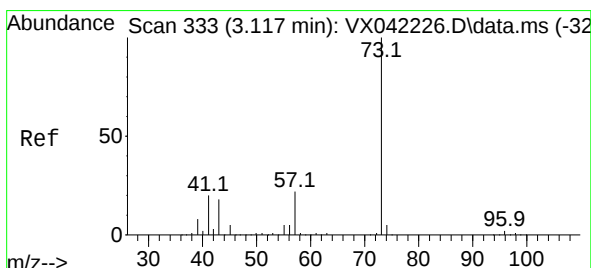
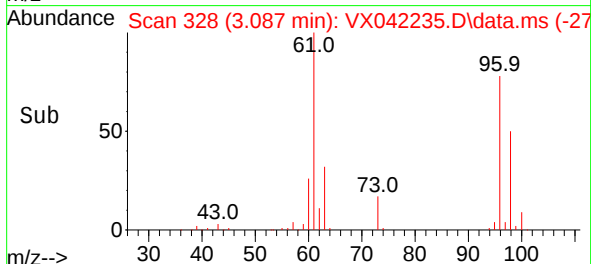
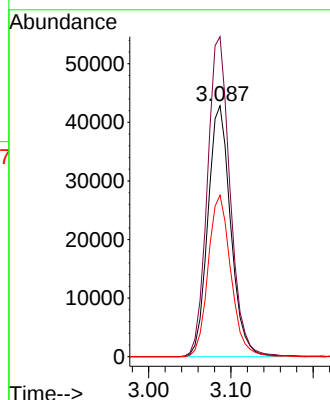
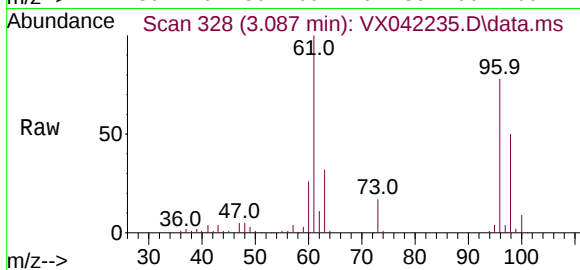
Tgt Ion: 96 Resp: 82676

Ion Ratio Lower Upper

96 100

61 127.5 88.4 164.2

98 64.3 46.5 86.5



#18

Methyl tert-butyl Ether

Concen: 49.220 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

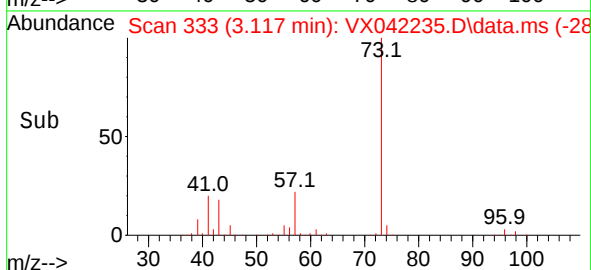
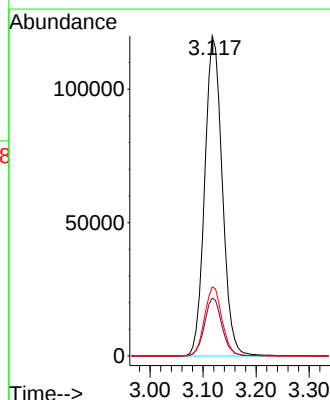
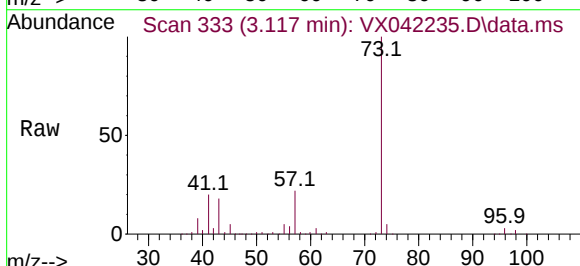
Tgt Ion: 73 Resp: 275654

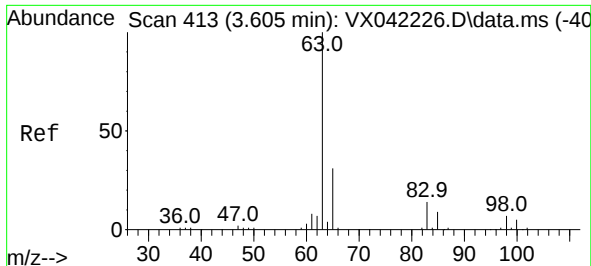
Ion Ratio Lower Upper

73 100

43 18.0 14.5 21.7

57 21.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 49.256 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

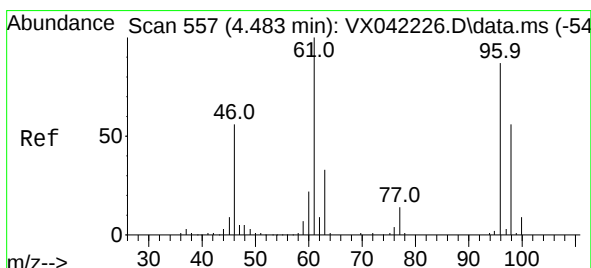
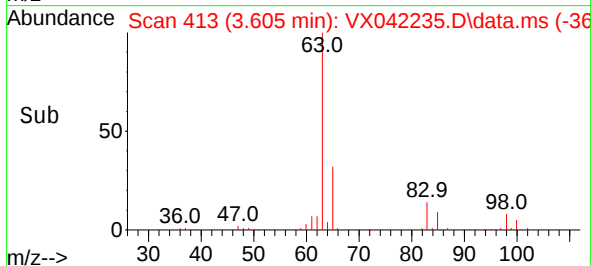
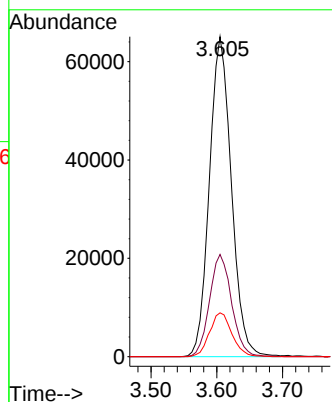
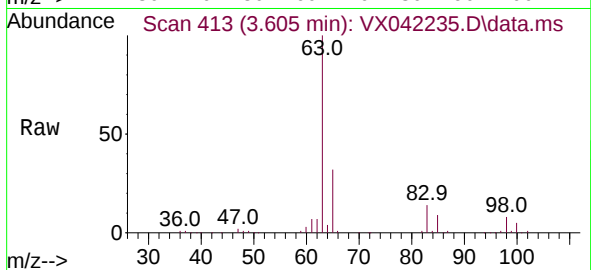
Tgt Ion: 63 Resp: 151483

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 13.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 48.102 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

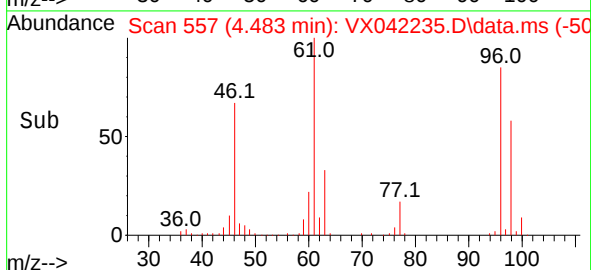
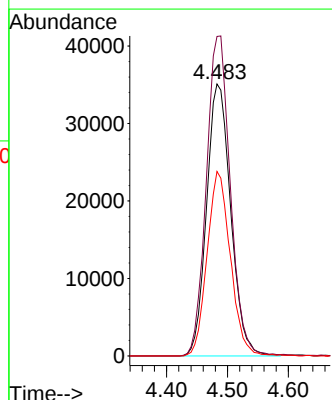
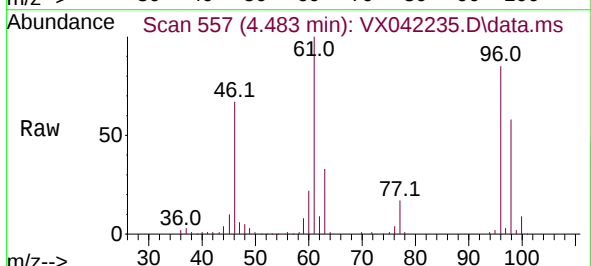
Tgt Ion: 96 Resp: 96784

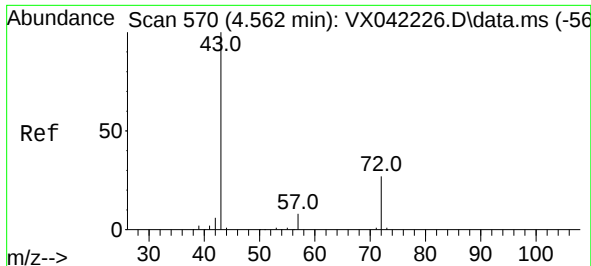
Ion Ratio Lower Upper

96 100

61 117.5 80.5 149.5

98 67.9 45.7 84.9

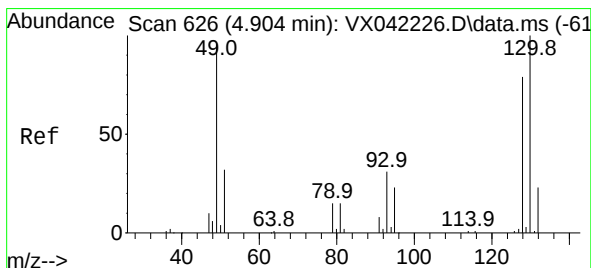
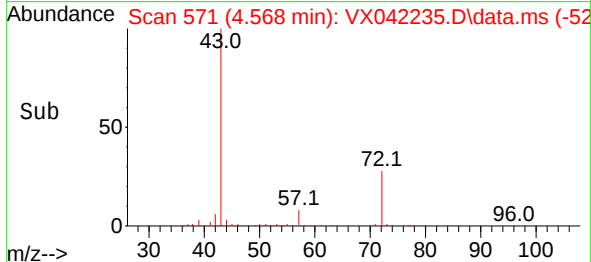
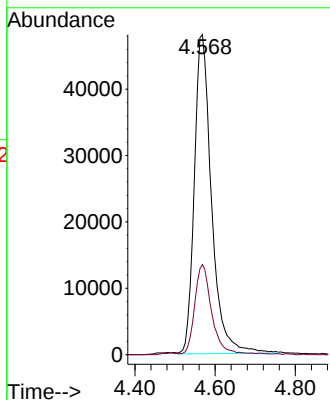
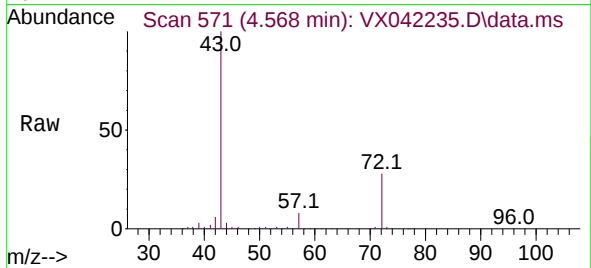




#22
2-Butanone
Concen: 108.564 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

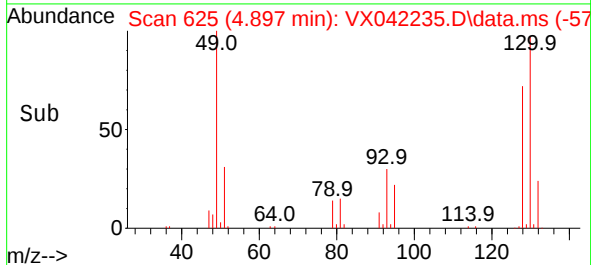
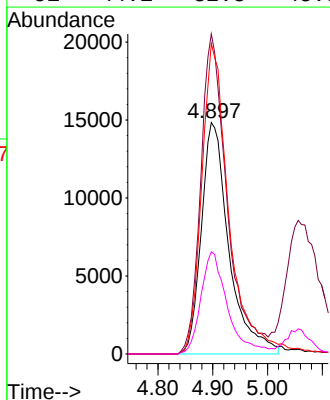
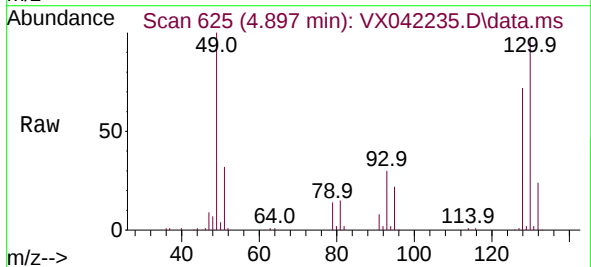
Instrument :
MSVOA_X
ClientSampleId :

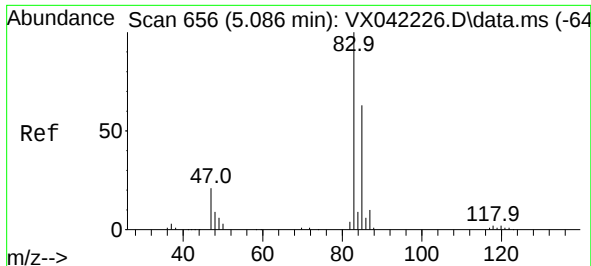
Tgt Ion: 43 Resp: 143354
Ion Ratio Lower Upper
43 100
72 26.7 13.7 41.1



#23
Bromochloromethane
Concen: 48.182 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

Tgt Ion: 128 Resp: 51809
Ion Ratio Lower Upper
128 100
49 138.3 89.7 166.7
130 134.2 90.0 167.2
51 44.1 32.3 48.5





#25

Chloroform

Concen: 49.383 ug/L

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

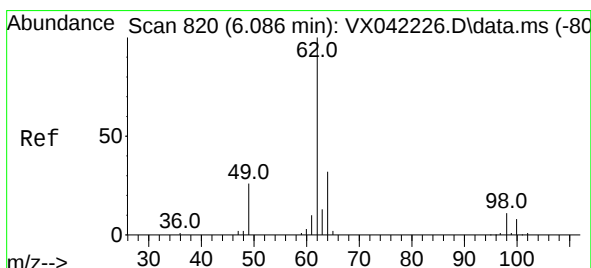
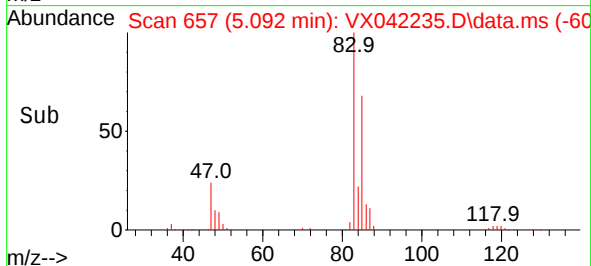
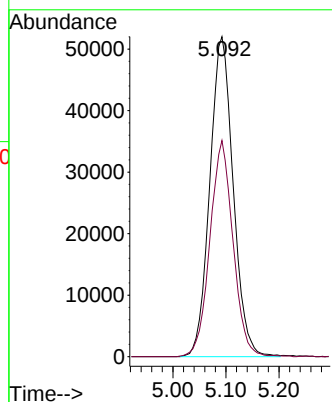
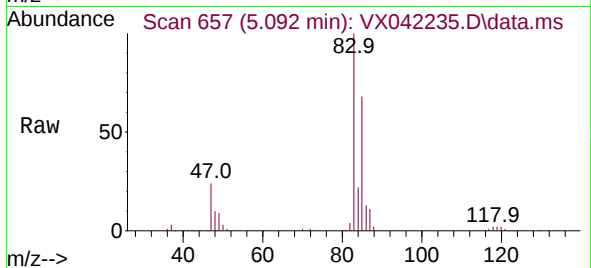
ClientSampleId :

Tgt Ion: 83 Resp: 159241

Ion Ratio Lower Upper

83 100

85 67.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 49.421 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX042235.D

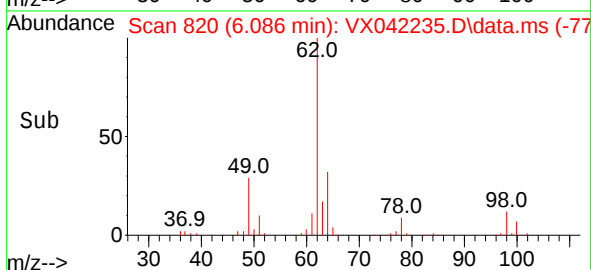
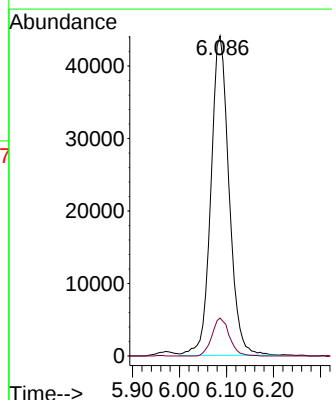
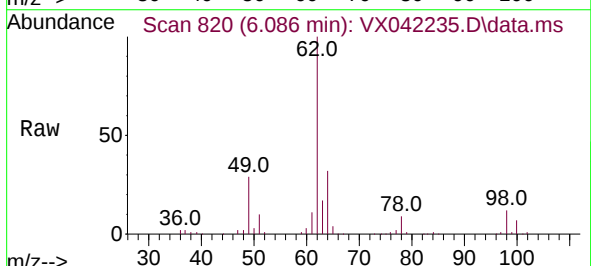
Acq: 08 Jul 2024 13:51

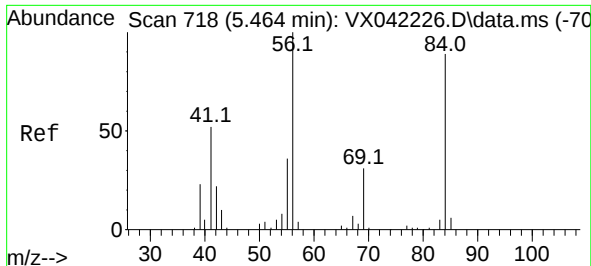
Tgt Ion: 62 Resp: 118101

Ion Ratio Lower Upper

62 100

98 11.8 9.3 13.9





#29

Cyclohexane

Concen: 48.620 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min MSVOA_X

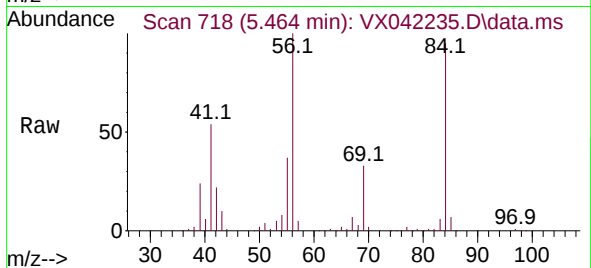
Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :



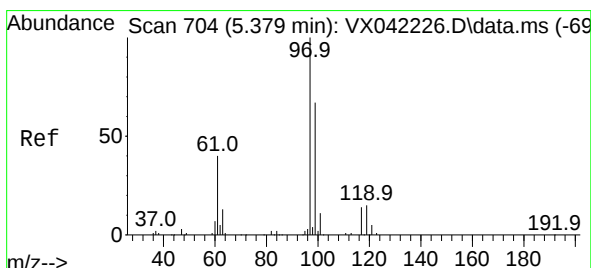
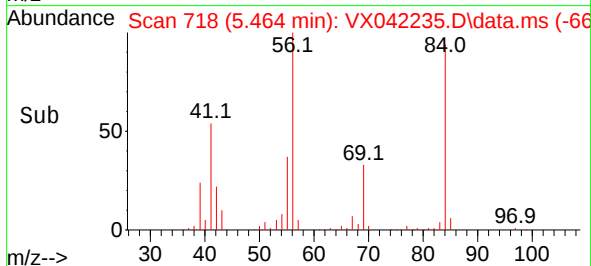
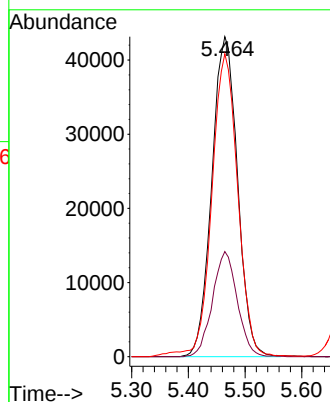
Tgt Ion: 56 Resp: 135826

Ion Ratio Lower Upper

56 100

69 31.5 25.3 37.9

84 95.4 74.0 111.0



#30

1,1,1-Trichloroethane

Concen: 47.996 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

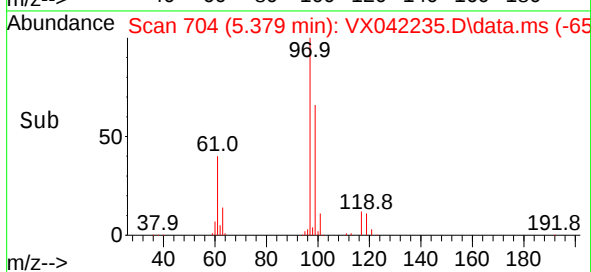
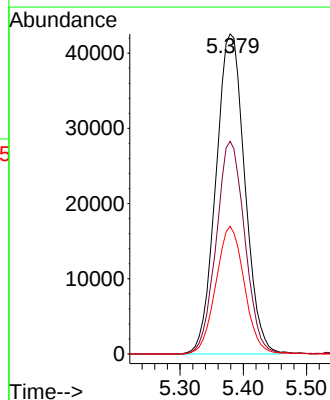
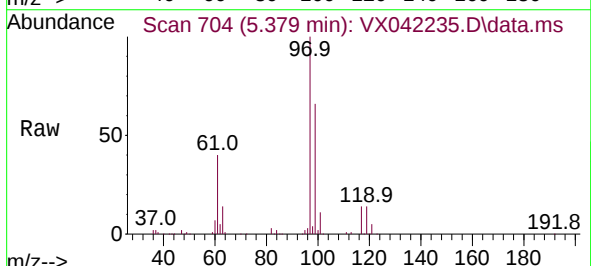
Tgt Ion: 97 Resp: 135075

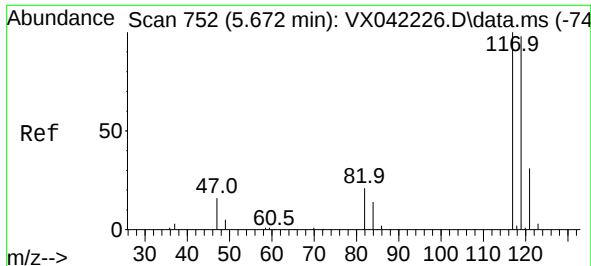
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

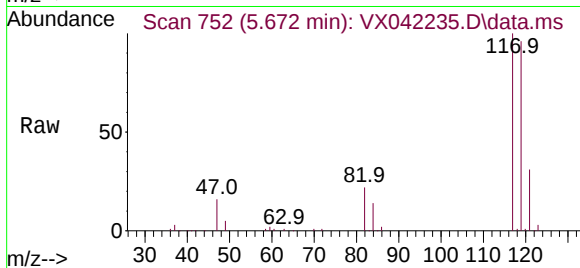
61 39.2 31.2 46.8



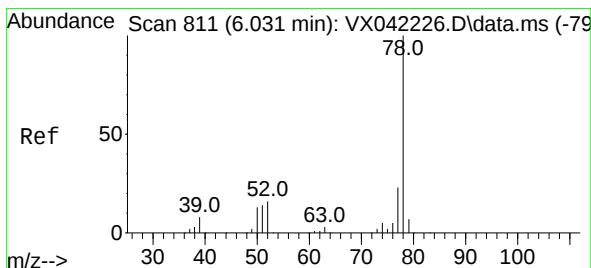
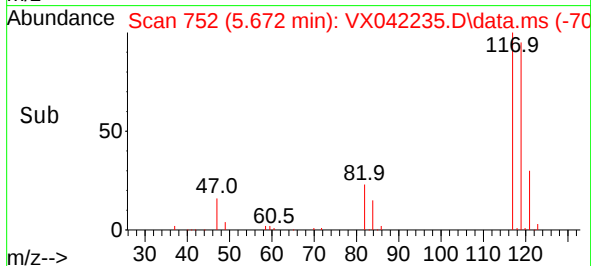
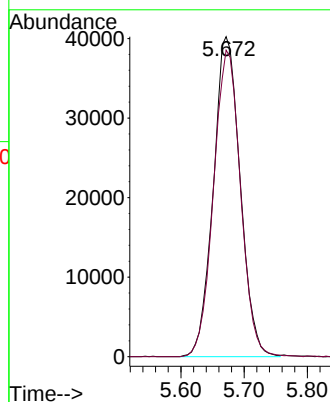


#31
Carbon tetrachloride
Concen: 48.233 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :

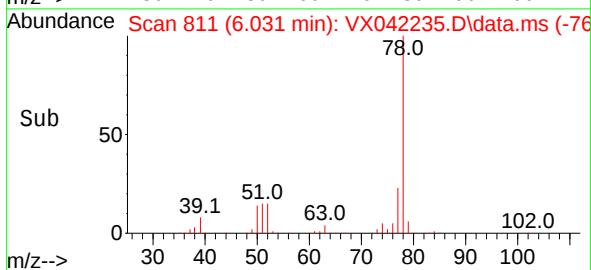
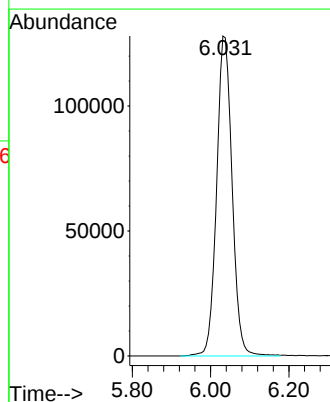
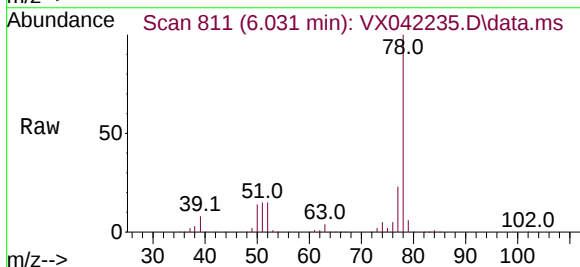


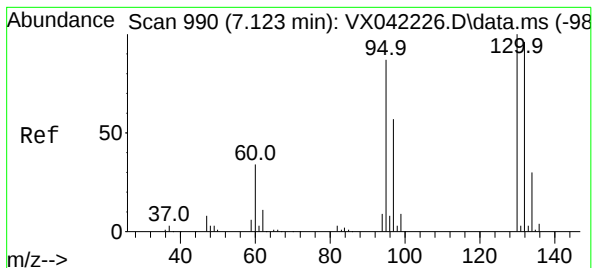
Tgt Ion:117 Resp: 118569
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5



#33
Benzene
Concen: 48.670 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

Tgt Ion: 78 Resp: 351811





#34

Trichloroethene

Concen: 48.953 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 92690

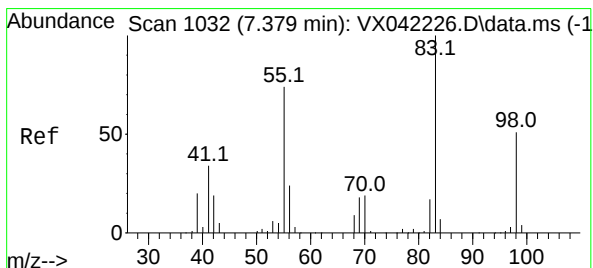
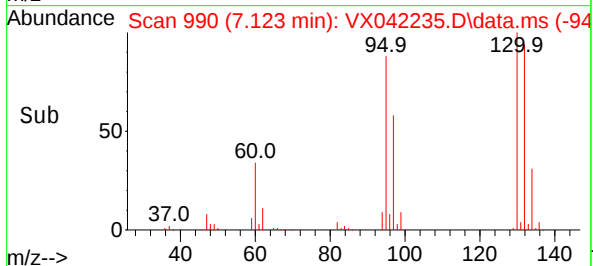
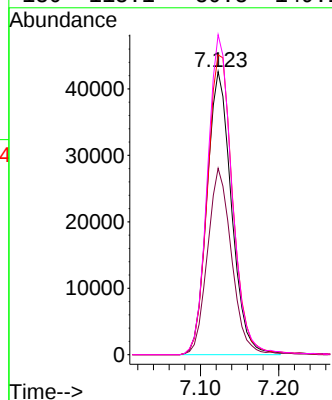
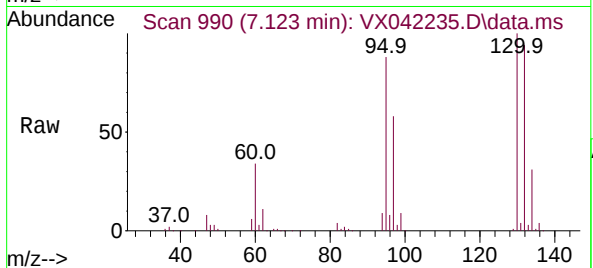
Ion Ratio Lower Upper

95 100

97 65.9 45.1 83.7

132 106.0 77.2 143.4

130 113.1 80.3 149.1



#35

Methylcyclohexane

Concen: 50.236 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

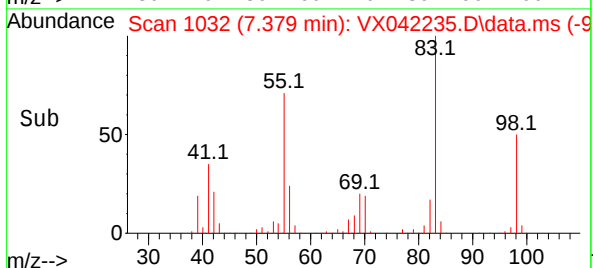
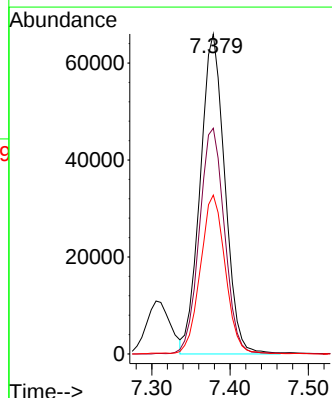
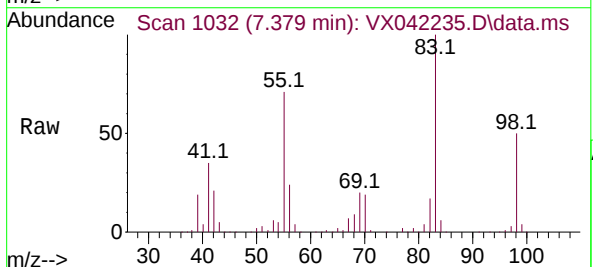
Tgt Ion: 83 Resp: 144226

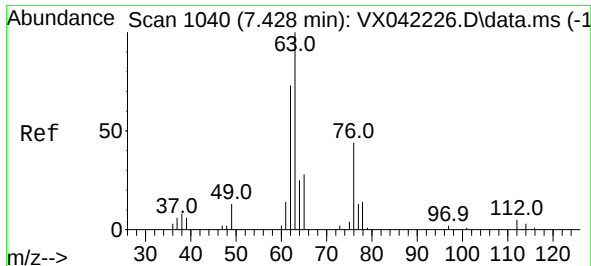
Ion Ratio Lower Upper

83 100

55 72.0 56.4 84.6

98 50.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 48.809 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

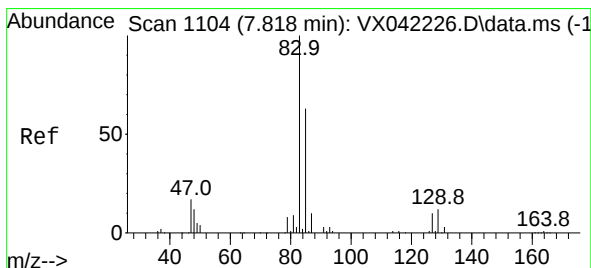
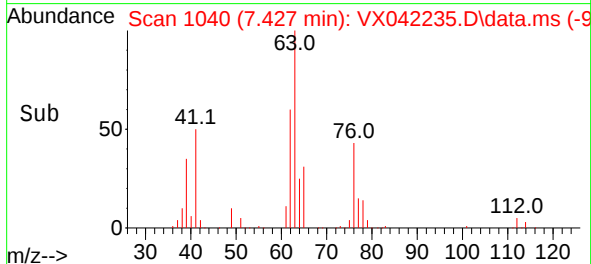
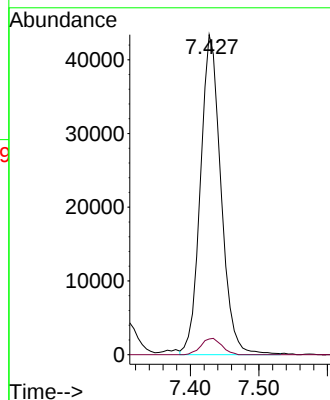
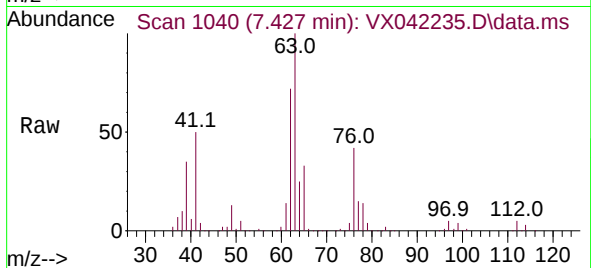
ClientSampleId :

Tgt Ion: 63 Resp: 90527

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5



#38

Bromodichloromethane

Concen: 48.135 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

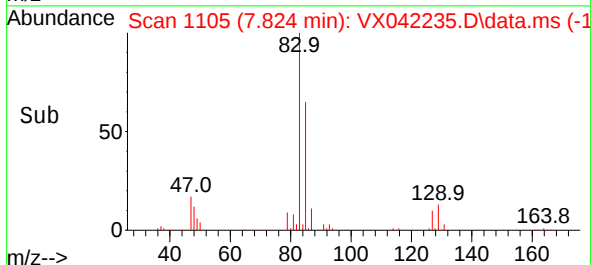
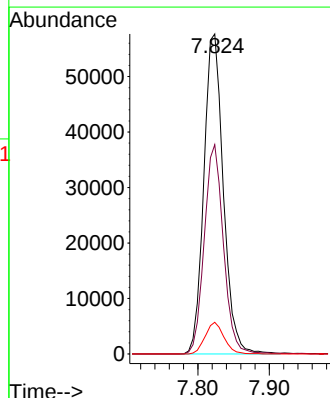
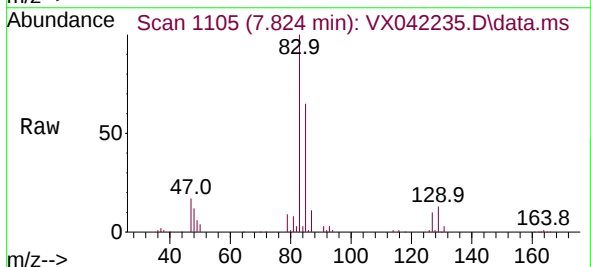
Tgt Ion: 83 Resp: 109324

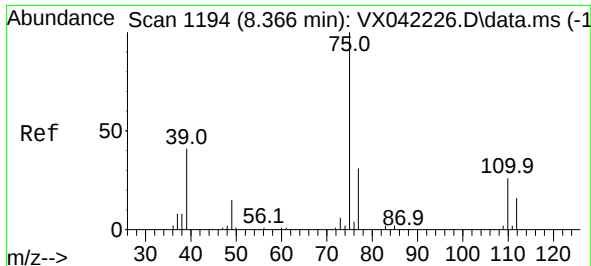
Ion Ratio Lower Upper

83 100

85 65.4 45.4 84.2

127 9.9 7.3 10.9

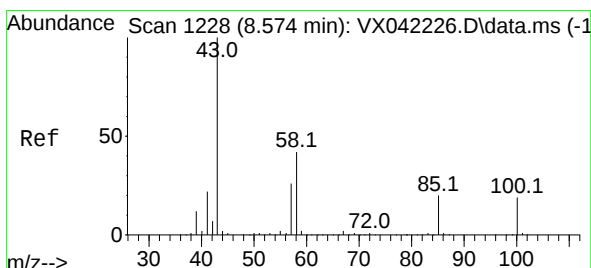
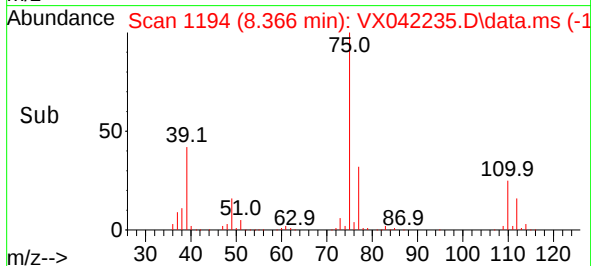
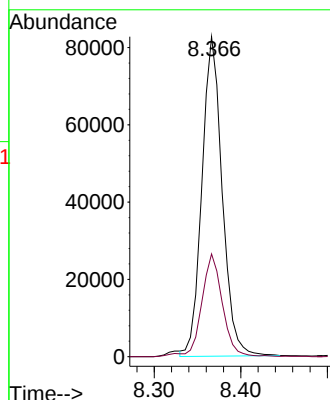
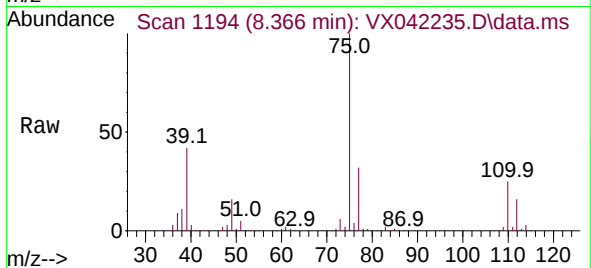




#39
 cis-1,3-Dichloropropene
 Concen: 49.273 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX042235.D
 Acq: 08 Jul 2024 13:51

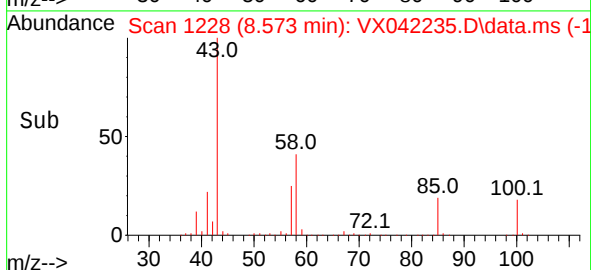
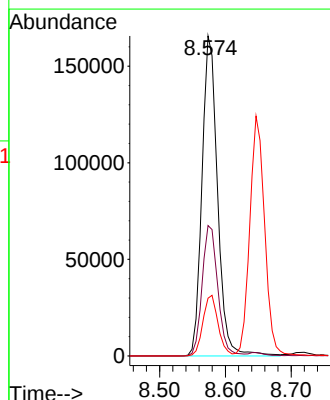
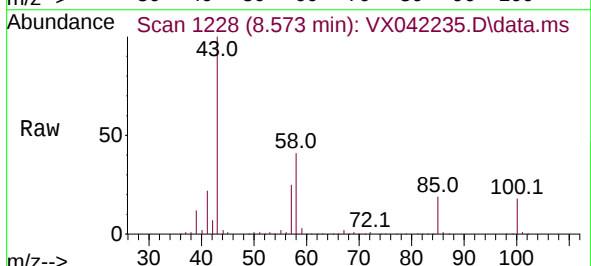
Instrument :
 MSVOA_X
 ClientSampleId :

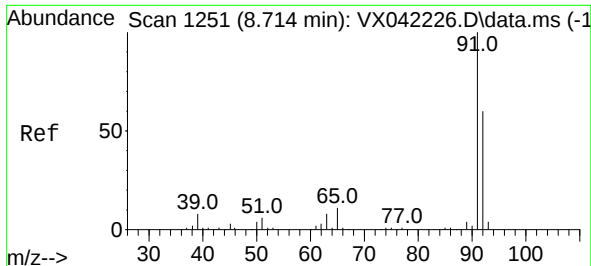
Tgt Ion: 75 Resp: 134563
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 103.242 ug/L
 RT: 8.573 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX042235.D
 Acq: 08 Jul 2024 13:51

Tgt Ion: 43 Resp: 273121
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.7 50.5
 100 18.4 15.4 23.2





#42

Toluene

Concen: 49.080 ug/L

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

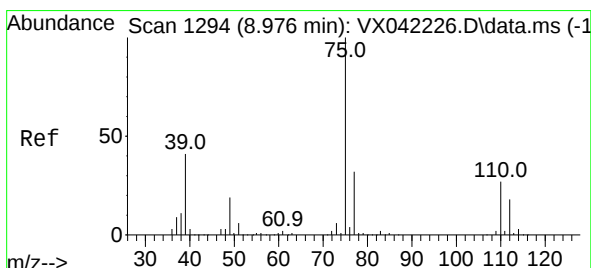
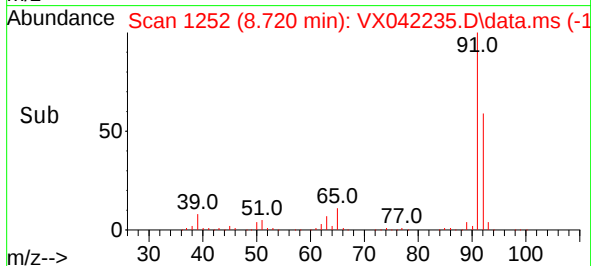
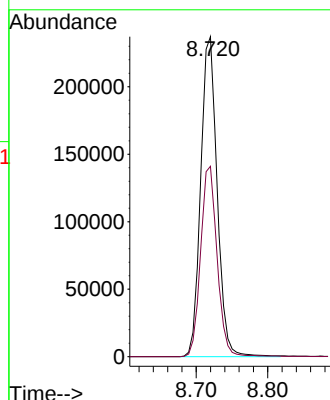
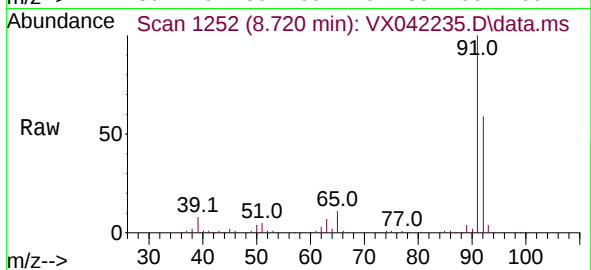
ClientSampleId :

Tgt Ion: 91 Resp: 378557

Ion Ratio Lower Upper

91 100

92 59.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 49.539 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042235.D

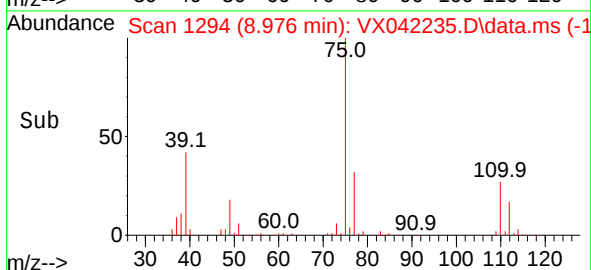
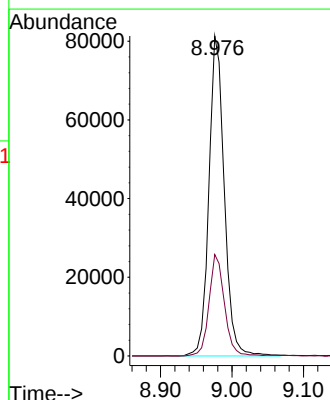
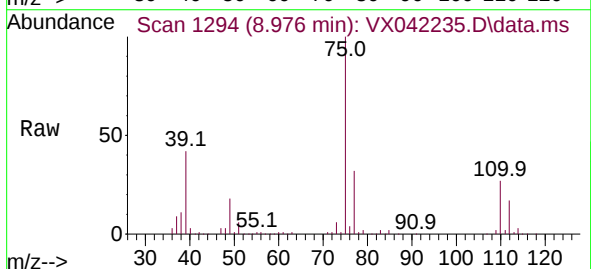
Acq: 08 Jul 2024 13:51

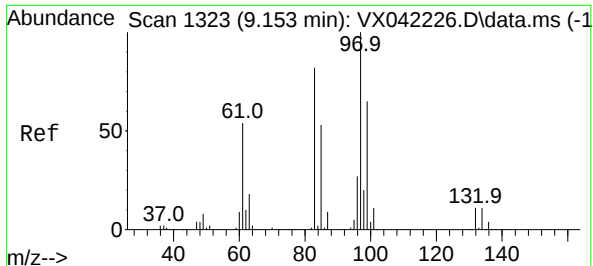
Tgt Ion: 75 Resp: 121298

Ion Ratio Lower Upper

75 100

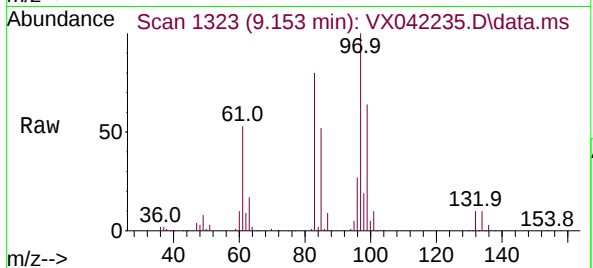
77 31.7 22.2 41.2



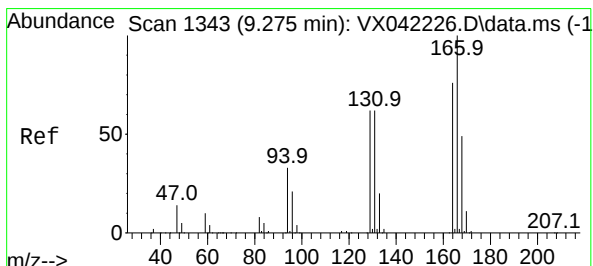
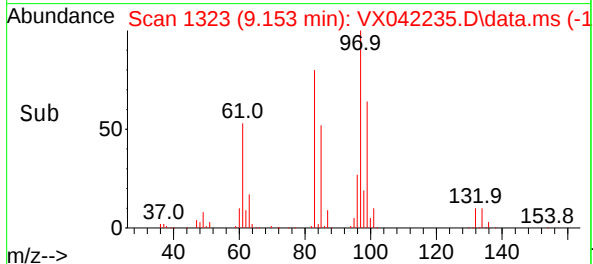
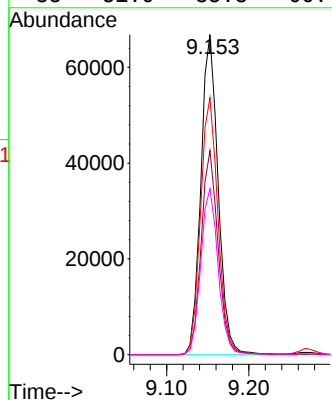


#45
1,1,2-Trichloroethane
Concen: 49.184 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

Instrument :
MSVOA_X
ClientSampleId :

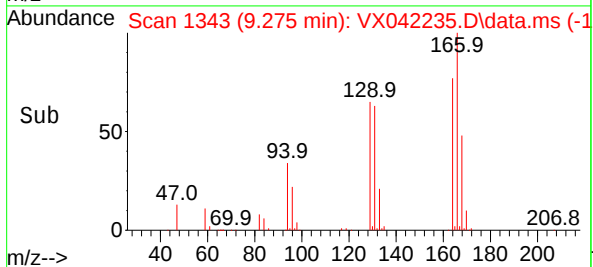
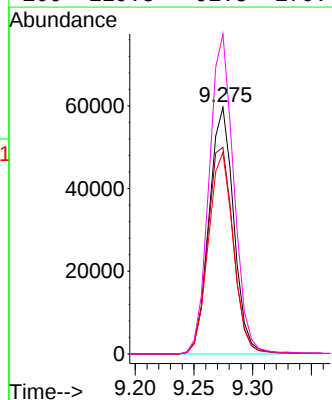
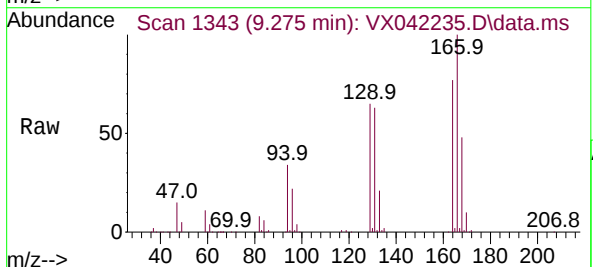


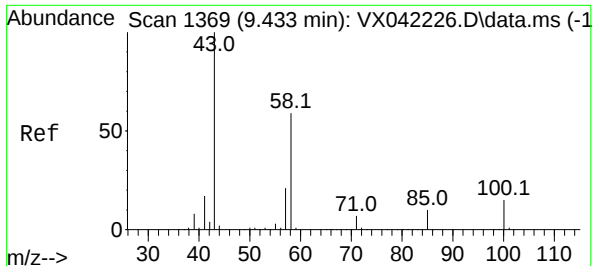
Tgt Ion:	97	Resp:	97606
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.3	80.3
83	80.3	56.2	104.4
85	51.9	35.8	66.4



#46
Tetrachloroethene
Concen: 49.152 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

Tgt Ion:	164	Resp:	87114
Ion	Ratio	Lower	Upper
164	100		
129	83.7	58.6	108.8
131	81.7	57.9	107.5
166	129.8	91.8	170.4





#48

2-Hexanone

Concen: 100.654 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

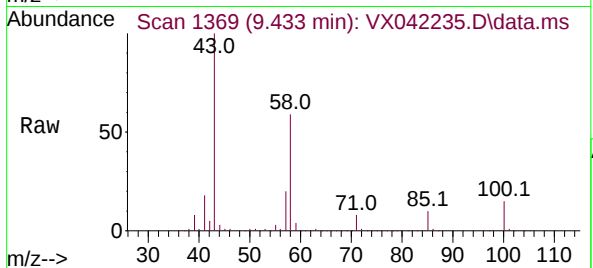
Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 209107

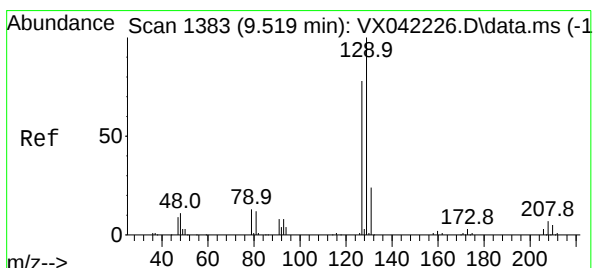
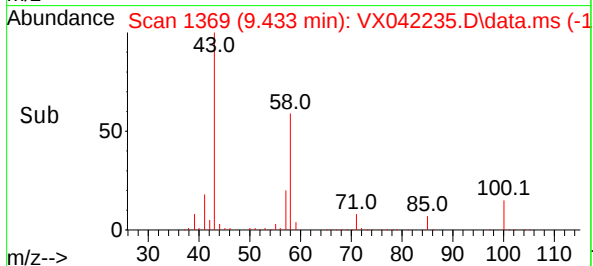
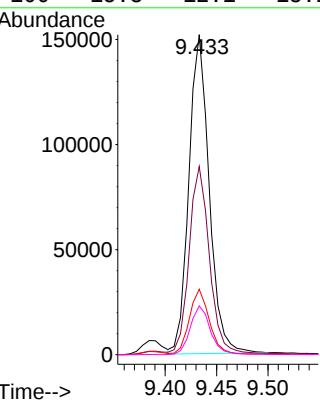
Ion Ratio Lower Upper

43 100

58 58.7 46.4 69.6

57 20.5 16.3 24.5

100 15.3 12.1 18.1



#49

Dibromochloromethane

Concen: 47.928 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX042235.D

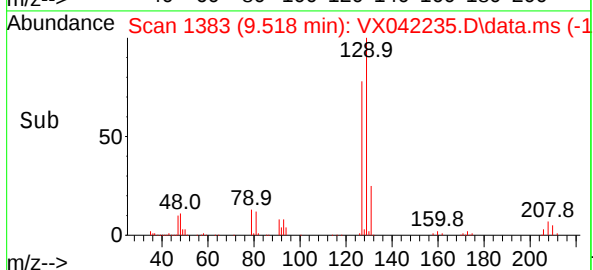
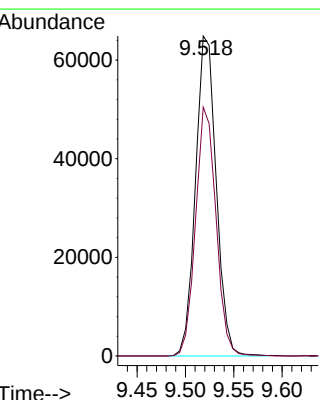
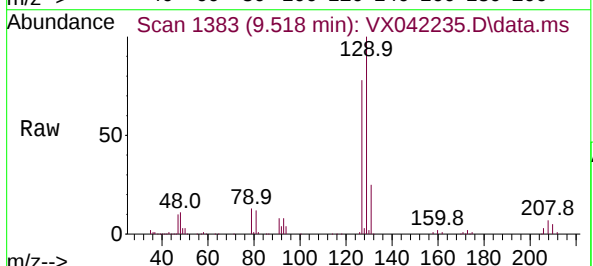
Acq: 08 Jul 2024 13:51

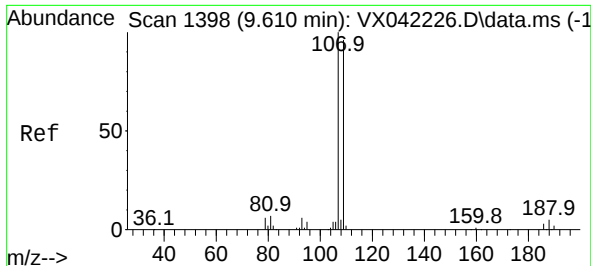
Tgt Ion:129 Resp: 96868

Ion Ratio Lower Upper

129 100

127 77.8 53.7 99.7

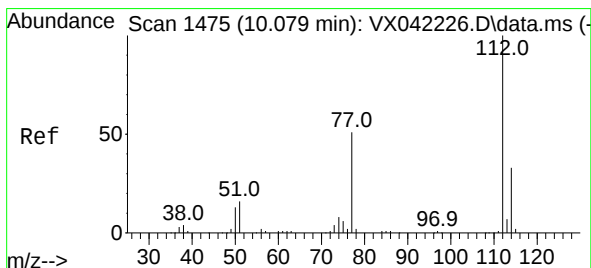
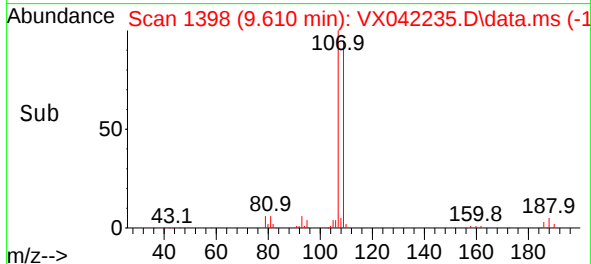
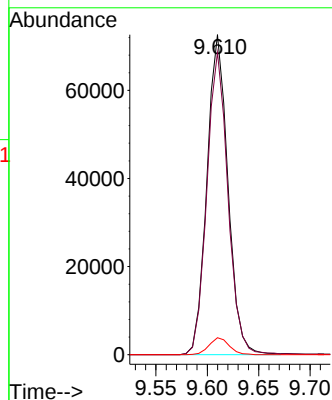
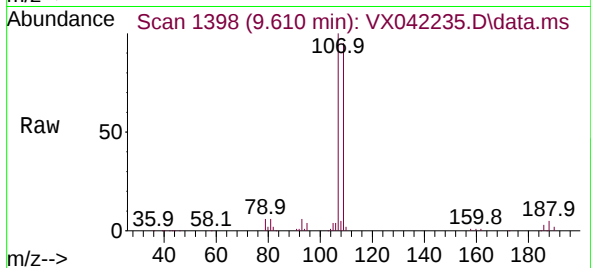




#50
1,2-Dibromoethane
Concen: 48.651 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

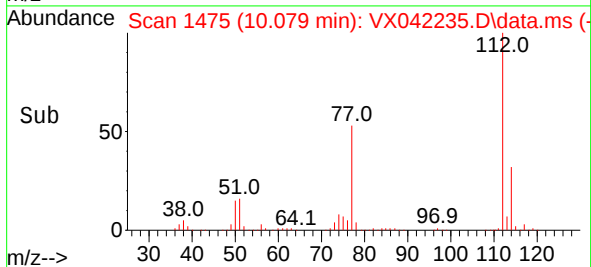
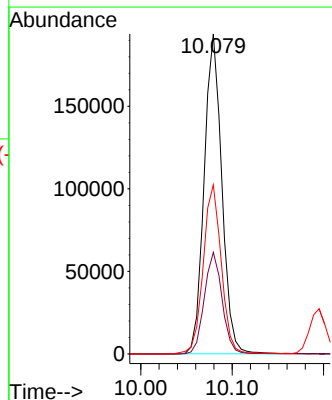
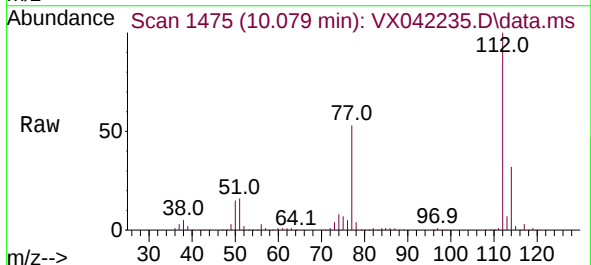
Instrument :
MSVOA_X
ClientSampleId :

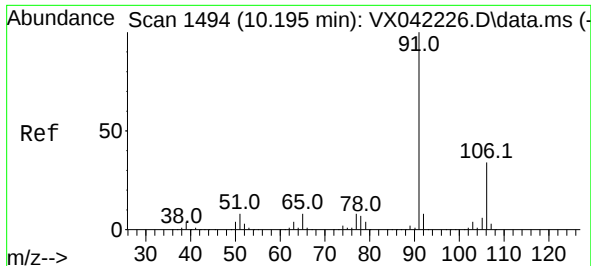
Tgt Ion:107 Resp: 103692
Ion Ratio Lower Upper
107 100
109 94.5 67.5 125.3
188 5.3 4.2 6.2



#51
Chlorobenzene
Concen: 49.080 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

Tgt Ion:112 Resp: 259859
Ion Ratio Lower Upper
112 100
114 31.7 23.2 43.2
77 52.9 43.0 64.4





#52

Ethylbenzene

Concen: 50.356 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

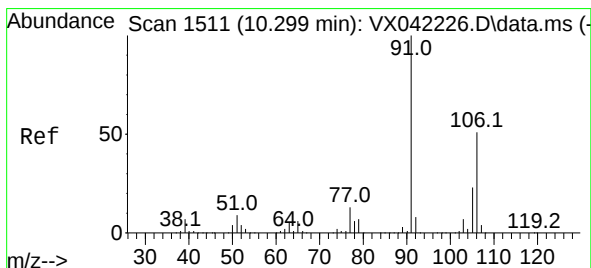
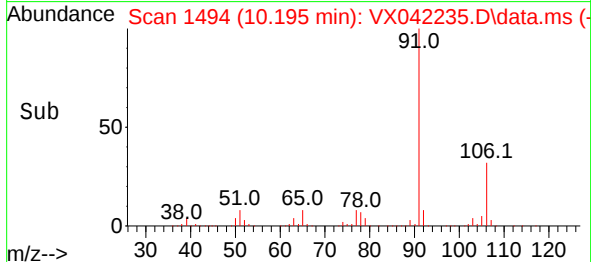
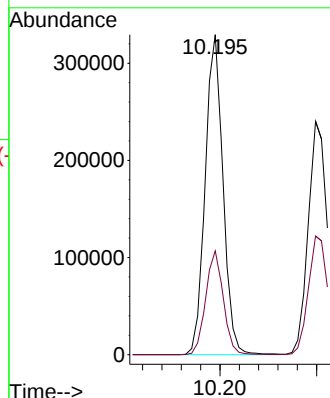
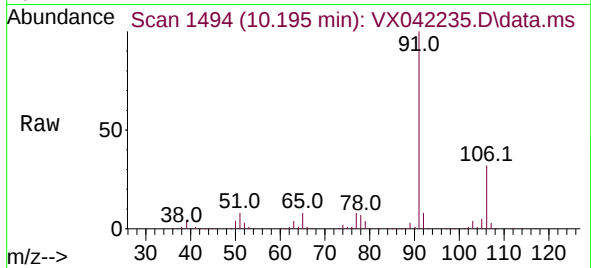
ClientSampleId :

Tgt Ion: 91 Resp: 422077

Ion Ratio Lower Upper

91 100

106 32.5 23.1 42.9



#53

m,p-Xylene

Concen: 50.783 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX042235.D

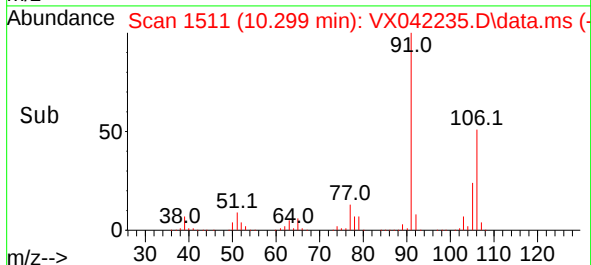
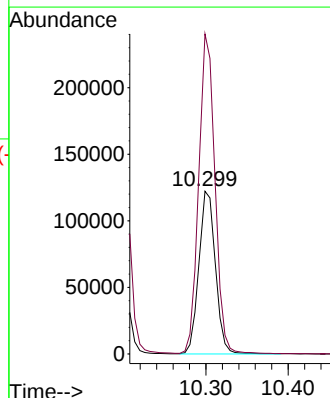
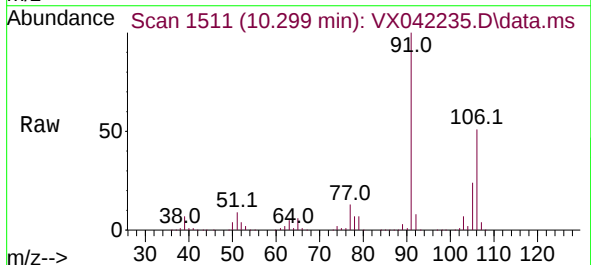
Acq: 08 Jul 2024 13:51

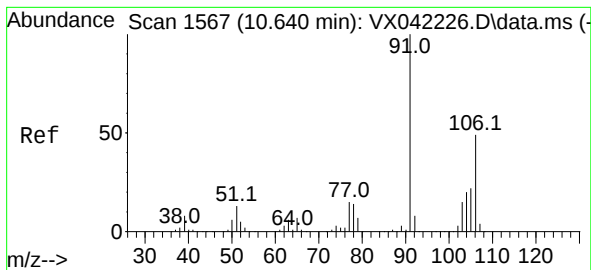
Tgt Ion: 106 Resp: 171329

Ion Ratio Lower Upper

106 100

91 196.7 136.4 253.2

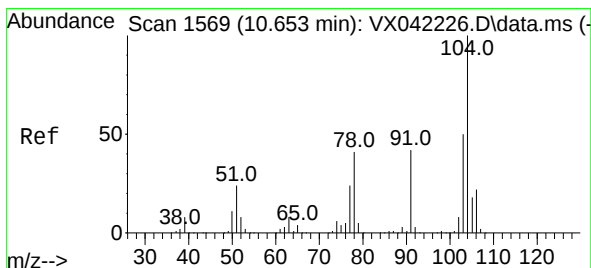
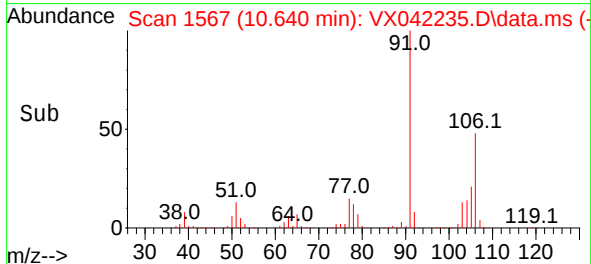
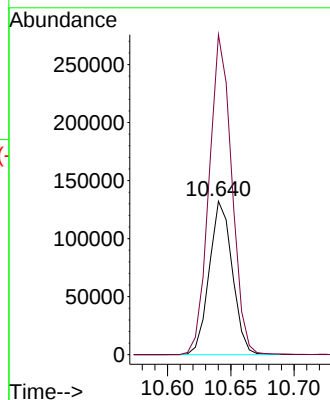
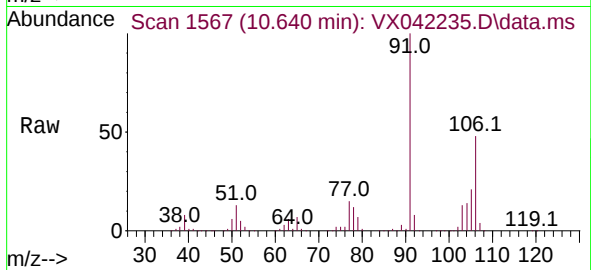




#54
o-Xylene
Concen: 49.675 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

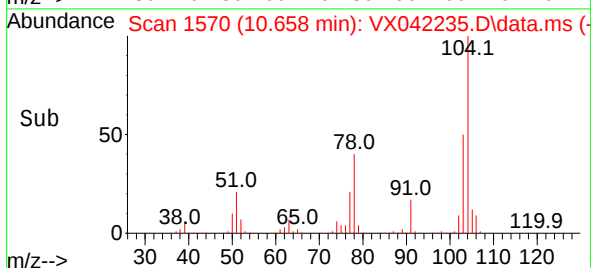
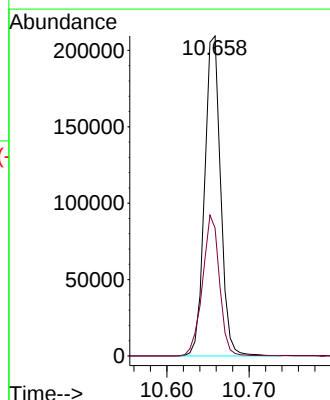
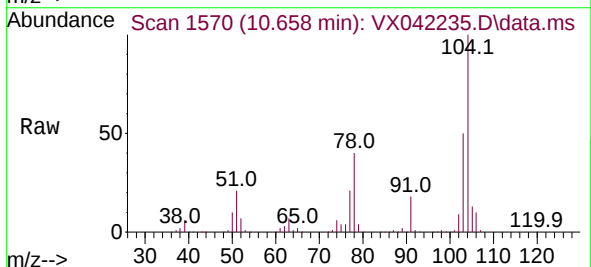
Instrument :
MSVOA_X
ClientSampleId :

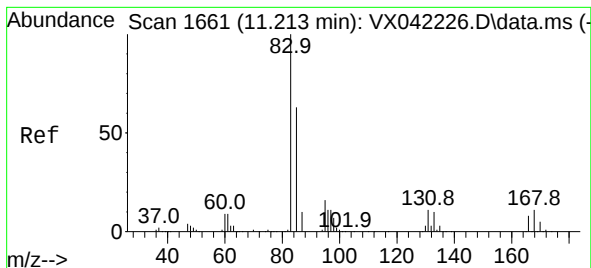
Tgt Ion:106 Resp: 167405
Ion Ratio Lower Upper
106 100
91 208.6 143.4 266.2



#55
Styrene
Concen: 50.422 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX042235.D
Acq: 08 Jul 2024 13:51

Tgt Ion:104 Resp: 283139
Ion Ratio Lower Upper
104 100
78 39.9 29.5 54.9





#57

1,1,2,2-Tetrachloroethane

Concen: 47.945 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

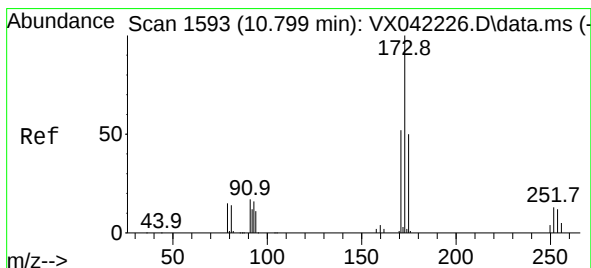
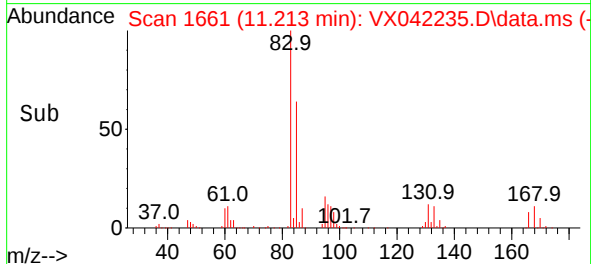
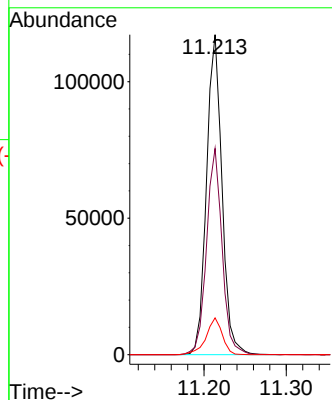
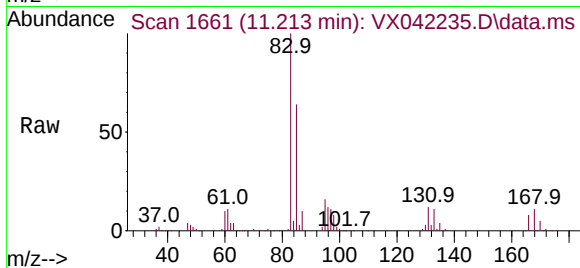
Tgt Ion: 83 Resp: 152712

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

131 11.5 9.0 13.4



#59

Bromoform

Concen: 45.635 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

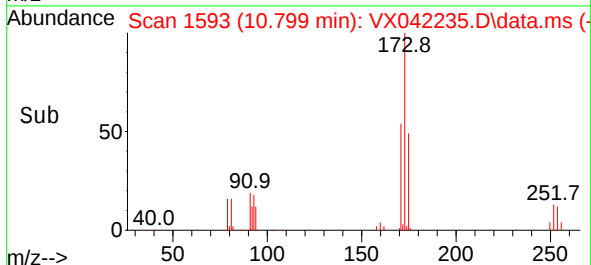
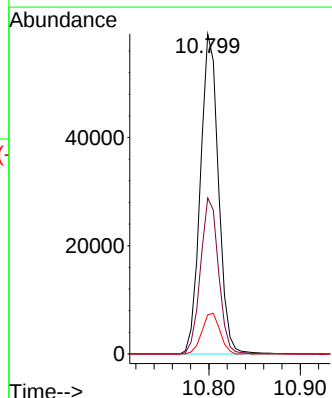
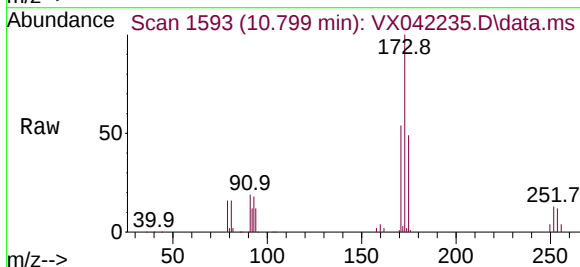
Tgt Ion:173 Resp: 81170

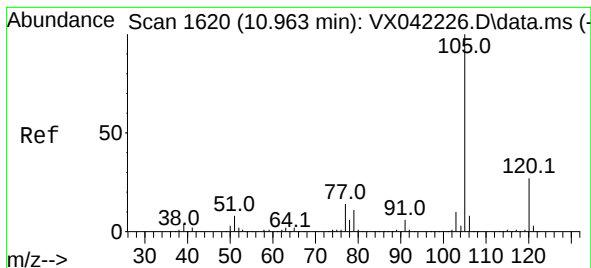
Ion Ratio Lower Upper

173 100

175 48.4 39.5 59.3

254 12.7 10.6 15.8





#60

Isopropylbenzene

Concen: 49.609 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

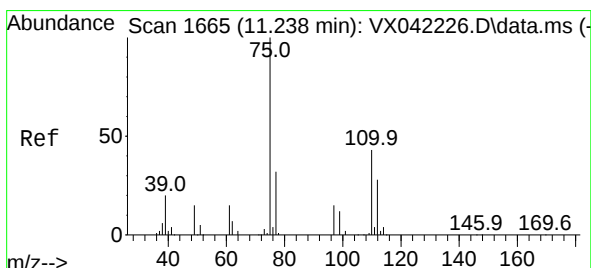
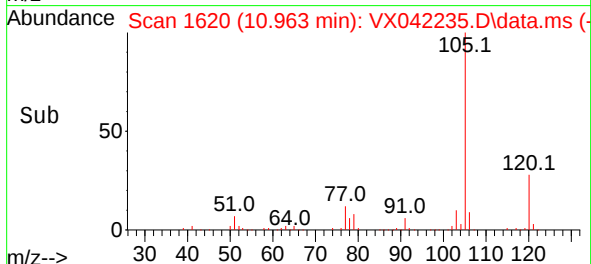
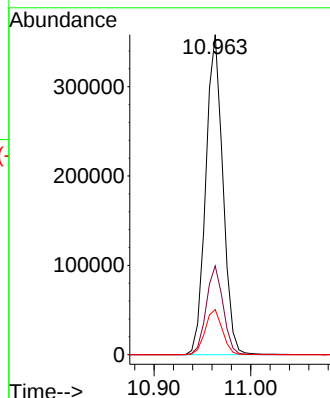
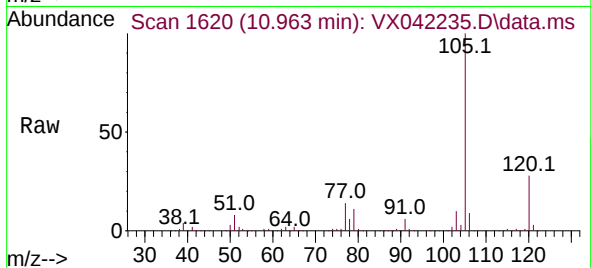
Tgt Ion:105 Resp: 440732

Ion Ratio Lower Upper

105 100

120 27.5 22.0 33.0

77 14.3 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 46.901 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

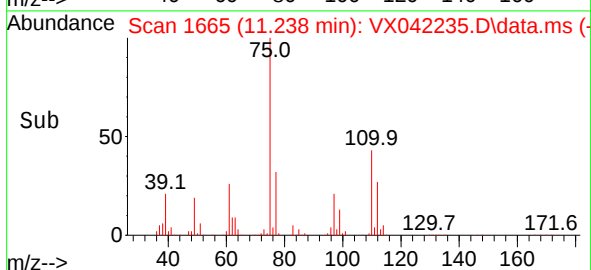
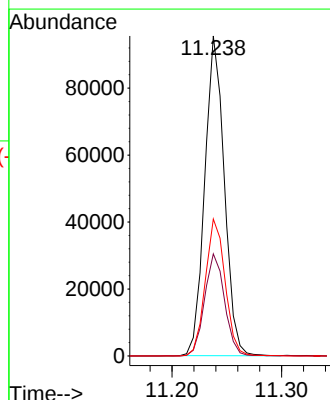
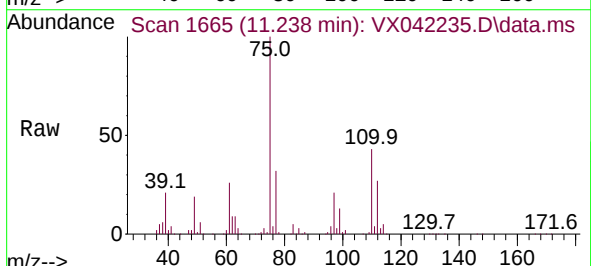
Tgt Ion: 75 Resp: 118177

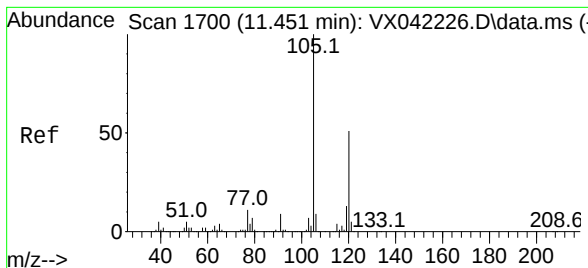
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8

110 43.5 35.4 53.0

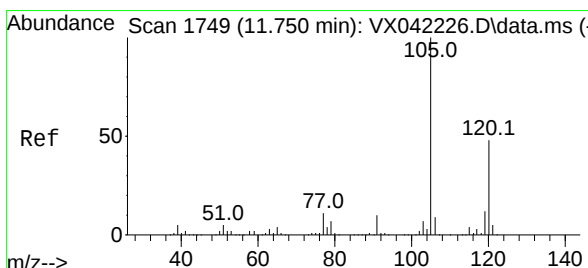
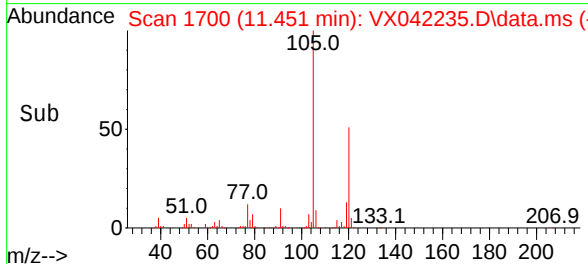
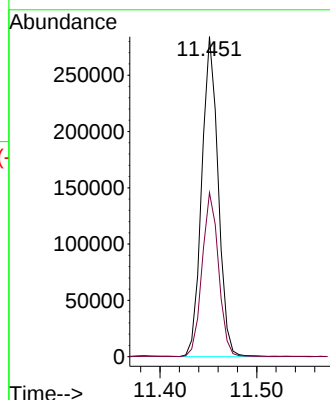
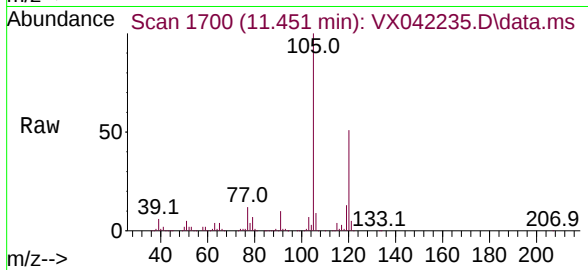




#62
 1,3,5-Trimethylbenzene
 Concen: 49.748 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX042235.D
 Acq: 08 Jul 2024 13:51

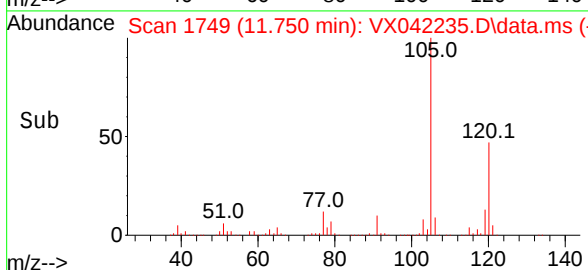
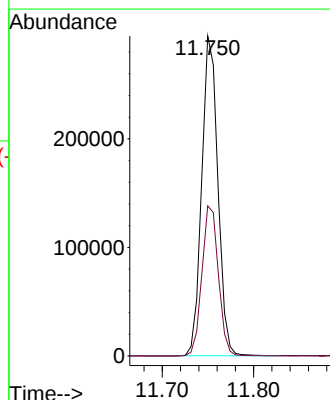
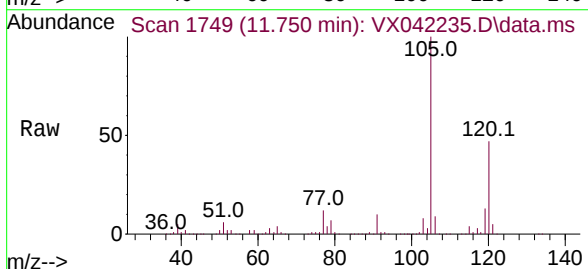
Instrument :
 MSVOA_X
 ClientSampleId :

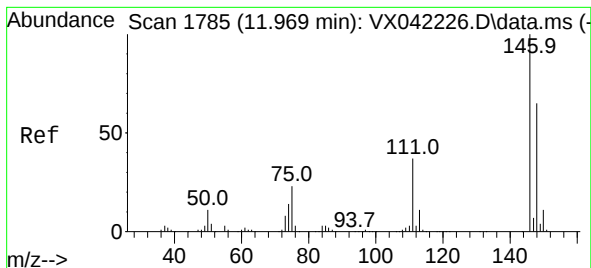
Tgt Ion:105 Resp: 336074
 Ion Ratio Lower Upper
 105 100
 120 51.4 40.9 61.3



#63
 1,2,4-Trimethylbenzene
 Concen: 49.883 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX042235.D
 Acq: 08 Jul 2024 13:51

Tgt Ion:105 Resp: 361152
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 49.124 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

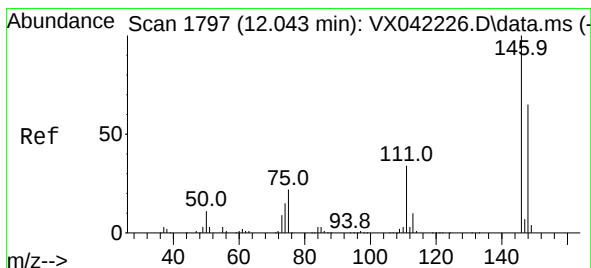
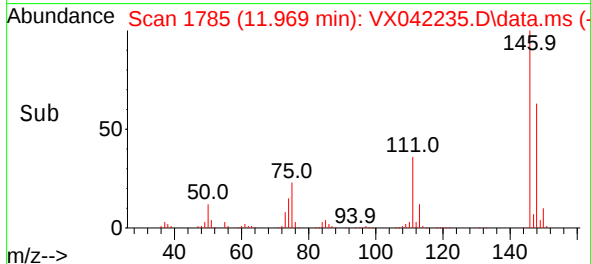
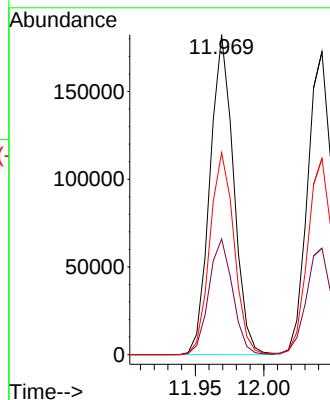
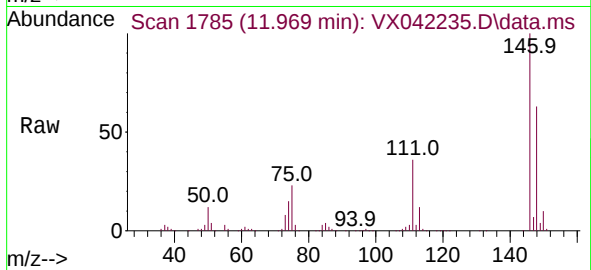
Tgt Ion:146 Resp: 218869

Ion Ratio Lower Upper

146 100

111 36.1 24.8 46.1

148 63.1 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 48.253 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

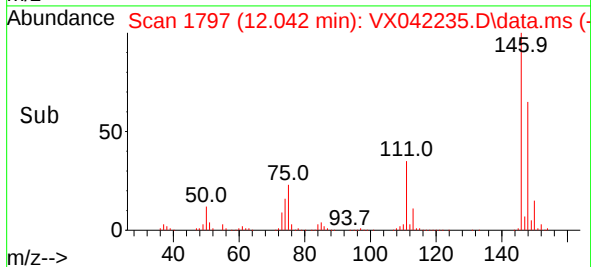
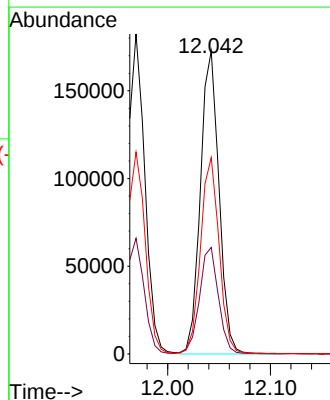
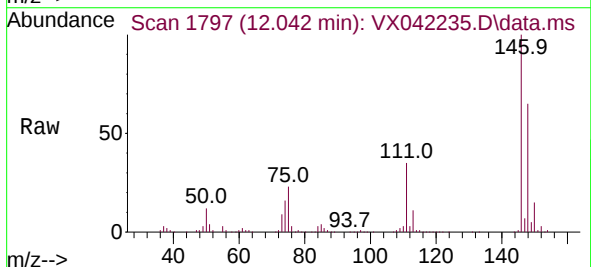
Tgt Ion:146 Resp: 217474

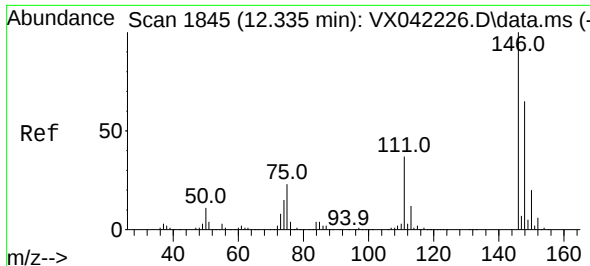
Ion Ratio Lower Upper

146 100

111 35.2 23.9 44.3

148 64.8 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 47.881 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

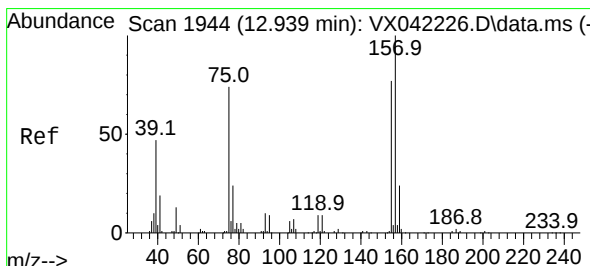
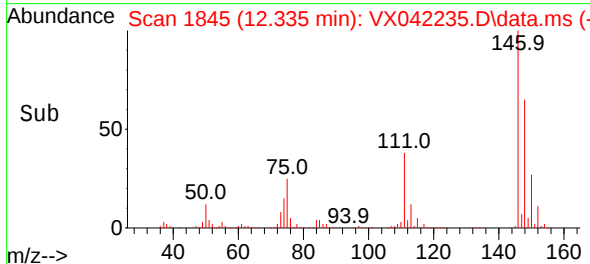
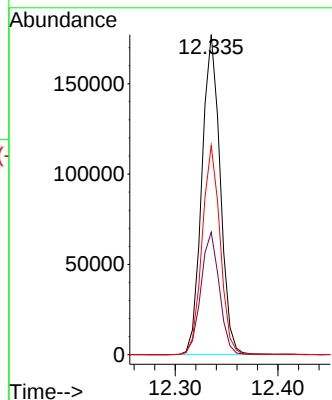
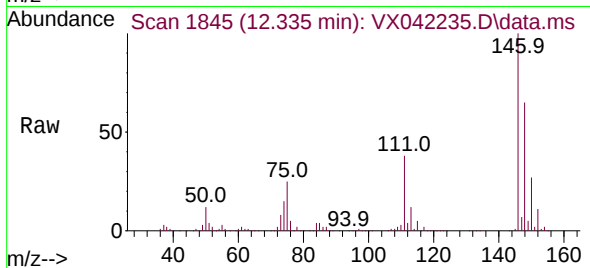
Tgt Ion:146 Resp: 219605

Ion Ratio Lower Upper

146 100

111 38.3 30.2 45.2

148 65.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 47.512 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

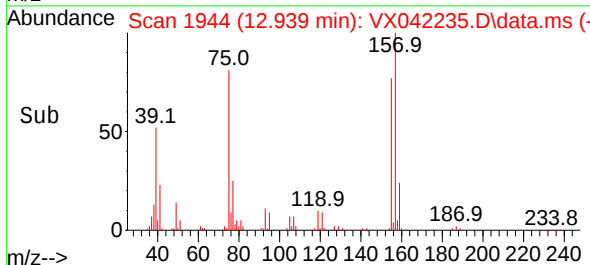
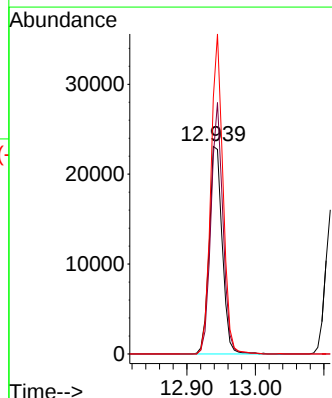
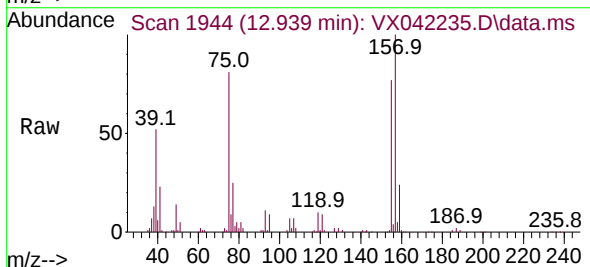
Tgt Ion: 75 Resp: 30646

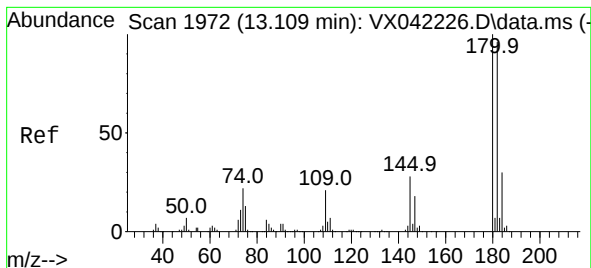
Ion Ratio Lower Upper

75 100

155 95.4 90.4 135.6

157 123.4 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 50.889 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

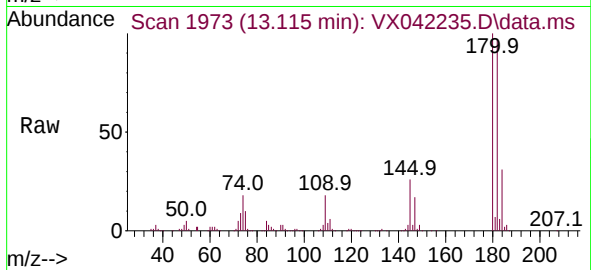
Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 164743

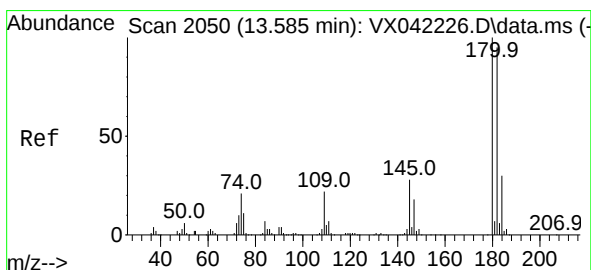
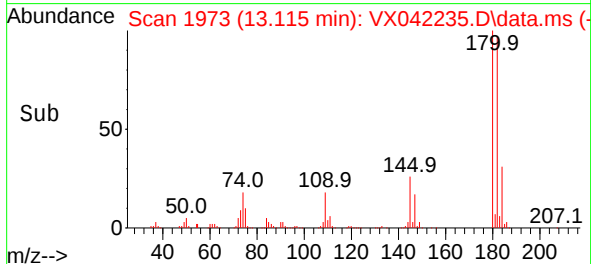
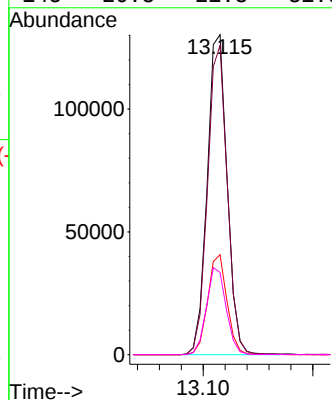
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.6

184 30.2 24.7 37.1

145 26.8 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 50.048 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

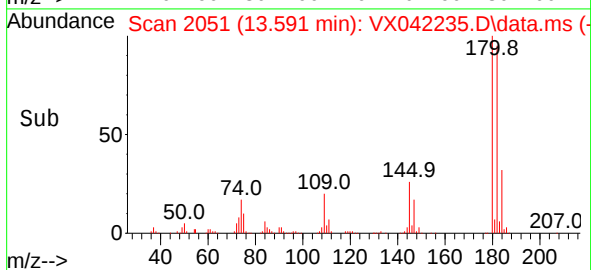
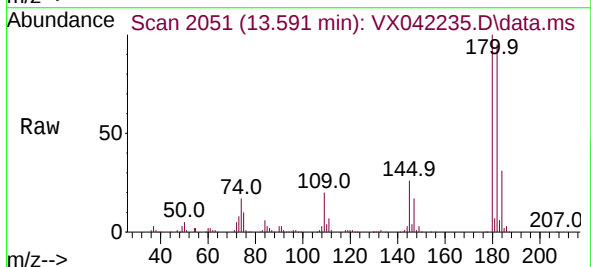
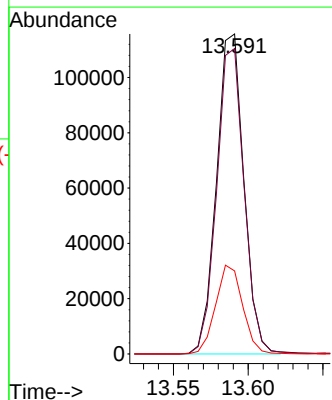
Tgt Ion:180 Resp: 147364

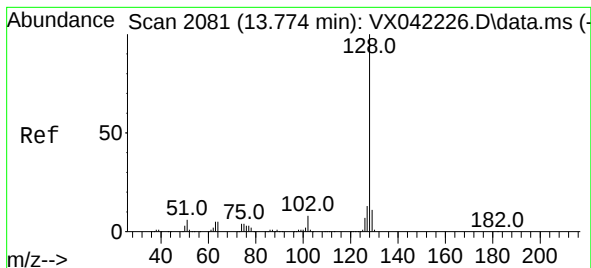
Ion Ratio Lower Upper

180 100

182 95.6 77.8 116.6

145 27.5 21.8 32.8





#71

Naphthalene

Concen: 49.881 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

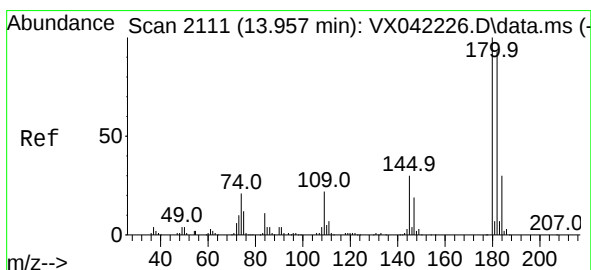
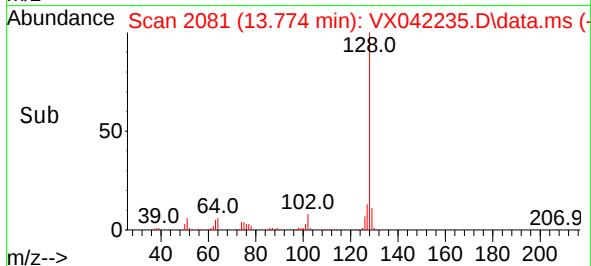
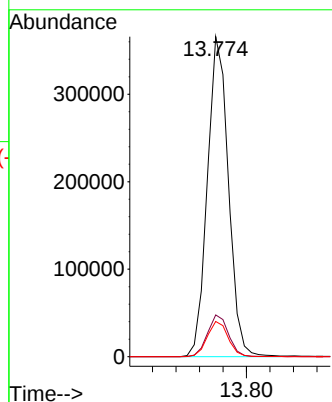
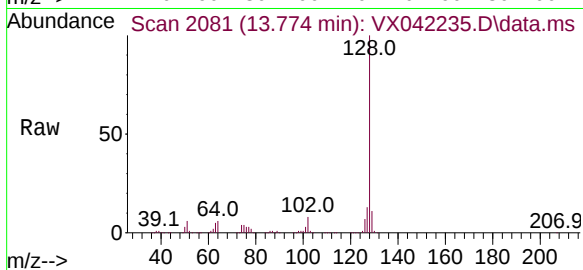
Tgt Ion:128 Resp: 454038

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 49.603 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX042235.D

Acq: 08 Jul 2024 13:51

Tgt Ion:180 Resp: 154333

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 29.5 23.0 34.6

