

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041042.D
 Acq On : 12 Apr 2024 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 01:48:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:36:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	291000	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	161040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	116500	56.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.580%
7) Chloroethane-d5	1.666	69	92093	54.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.120%
11) 1,1-Dichloroethene-d2	2.306	65	46562	52.691	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.380%
21) 2-Butanone-d5	4.452	46	125803	111.581	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.580%
24) Chloroform-d	5.056	84	203318	52.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.300%
26) 1,2-Dichloroethane-d4	5.958	65	127182	50.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.260%
32) Benzene-d6	5.970	84	397394	51.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.960%
36) 1,2-Dichloropropane-d6	7.306	67	113531	50.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.820%
41) Toluene-d8	8.647	98	384812	51.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.040%
43) trans-1,3-Dichloroprop...	8.952	79	55843	49.765	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.520%
47) 2-Hexanone-d5	9.384	63	99885	106.245	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.250%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	172898	52.344	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.680%
66) 1,2-Dichlorobenzene-d4	12.317	152	166096	51.416	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	95130	49.645	ug/L	100
3) Chloromethane	1.301	50	91552	50.331	ug/L	98
5) Vinyl chloride	1.374	62	109489	50.090	ug/L	98
6) Bromomethane	1.605	94	66362	50.215	ug/L	97
8) Chloroethane	1.685	64	68525	50.383	ug/L	99
9) Trichlorofluoromethane	1.886	101	174410	50.644	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	99518	50.564	ug/L	99
12) 1,1-Dichloroethene	2.319	96	87523	50.070	ug/L	95
13) Acetone	2.380	43	97782	80.017	ug/L	99
14) Carbon disulfide	2.514	76	208964	47.569	ug/L	99
15) Methyl Acetate	2.703	43	110513	52.093	ug/L	99
16) Methylene chloride	2.788	84	92966	51.026	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	88399	48.855	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	291565	51.337	ug/L	99
19) 1,1-Dichloroethane	3.611	63	165277	51.427	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	104989	50.929	ug/L	99
22) 2-Butanone	4.556	43	156003	97.526	ug/L	98
23) Bromochloromethane	4.897	128	57463	51.274	ug/L	98
25) Chloroform	5.093	83	180560	51.265	ug/L	99

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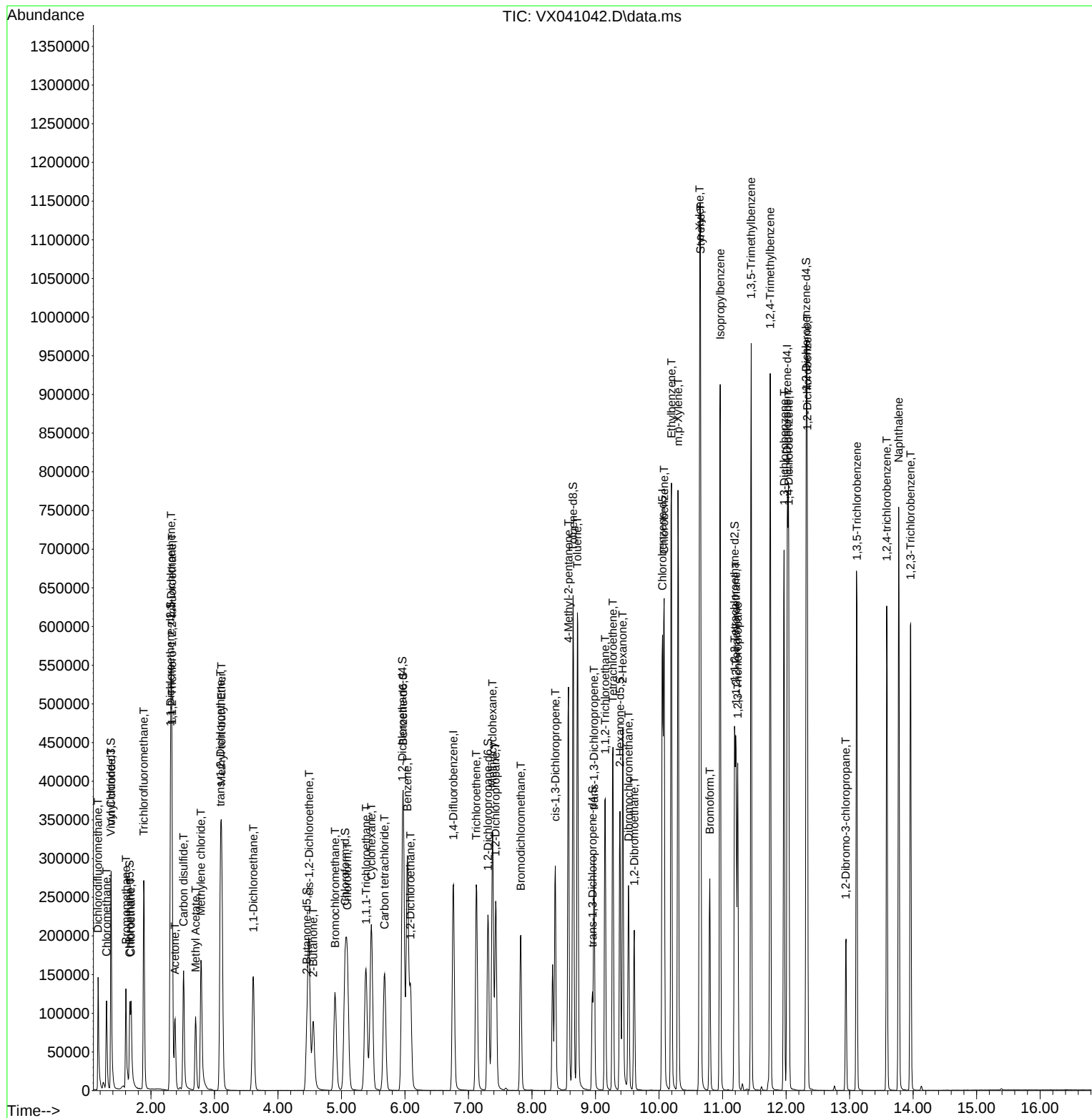
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	144564	51.066	ug/L	98
29) Cyclohexane	5.471	56	143583	50.892	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	159801	50.634	ug/L	99
31) Carbon tetrachloride	5.678	117	143957	50.054	ug/L	99
33) Benzene	6.037	78	369148	50.521	ug/L	100
34) Trichloroethene	7.123	95	101101	48.234	ug/L	96
35) Methylcyclohexane	7.379	83	153618	51.677	ug/L	100
37) 1,2-Dichloropropane	7.427	63	97372	51.484	ug/L	100
38) Bromodichloromethane	7.824	83	132595	50.009	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	153780	49.767	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	304049	106.151	ug/L	99
42) Toluene	8.714	91	410306	50.706	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	141867	49.127	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	105902	51.550	ug/L	99
46) Tetrachloroethene	9.275	164	97187	49.231	ug/L	98
48) 2-Hexanone	9.427	43	245438	106.664	ug/L	99
49) Dibromochloromethane	9.519	129	117108	50.542	ug/L	97
50) 1,2-Dibromoethane	9.610	107	113682	51.296	ug/L	97
51) Chlorobenzene	10.079	112	288042	50.794	ug/L	99
52) Ethylbenzene	10.195	91	468346	51.012	ug/L	100
53) m,p-Xylene	10.299	106	185882	50.778	ug/L	97
54) o-Xylene	10.640	106	182185	51.607	ug/L	100
55) Styrene	10.653	104	312271	51.450	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	165638	52.041	ug/L	99
59) Bromoform	10.799	173	102069	51.644	ug/L	99
60) Isopropylbenzene	10.963	105	488561	51.893	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	130040	52.883	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	401322	52.876	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	393173	51.464	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	239825	48.547	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	248367	48.975	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	238088	49.682	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	35022	49.801	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	182757	48.307	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	165842	46.258	ug/L	99
71) Naphthalene	13.774	128	489708	49.844	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	171808	48.863	ug/L	98

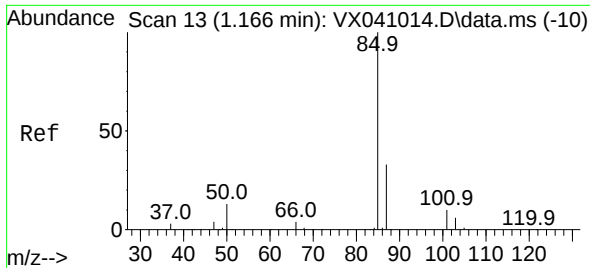
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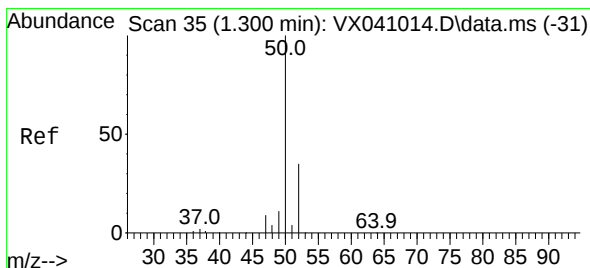
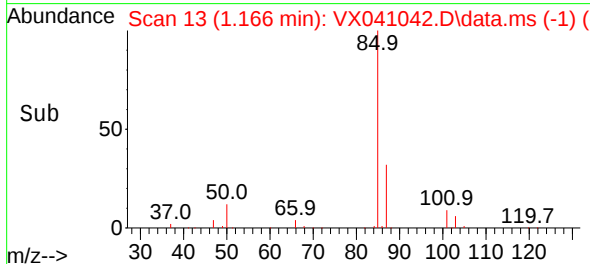
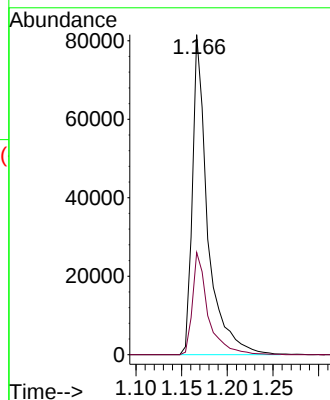
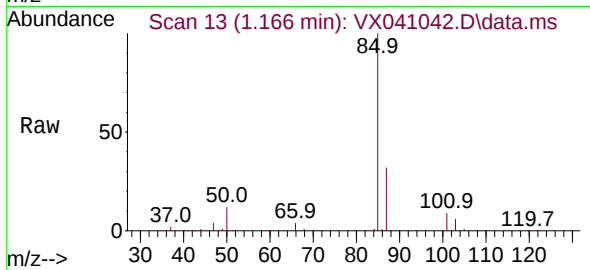




#2
 Dichlorodifluoromethane
 Concen: 49.645 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX041042.D
 Acq: 12 Apr 2024 19:47

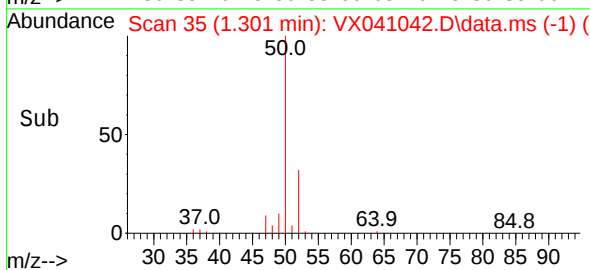
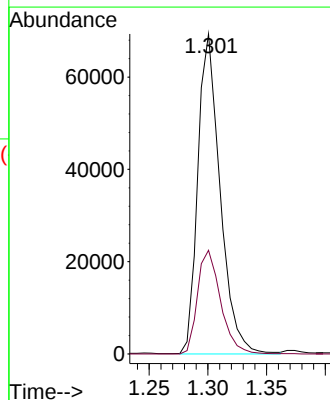
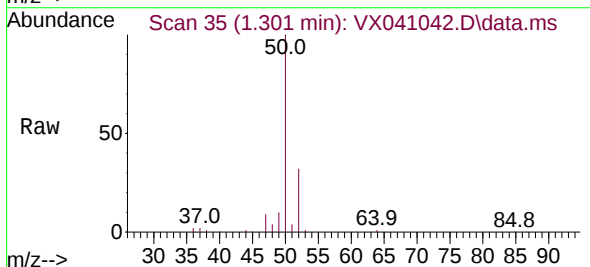
Instrument :
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 ClientSampleId :

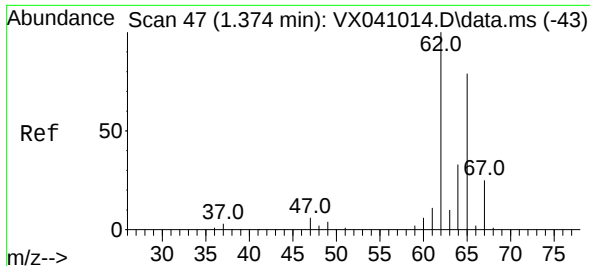
Tgt Ion: 85 Resp: 95130
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.2



#3
 Chloromethane
 Concen: 50.331 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX041042.D
 Acq: 12 Apr 2024 19:47

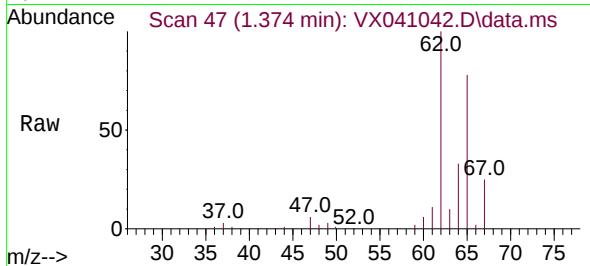
Tgt Ion: 50 Resp: 91552
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.5 43.7



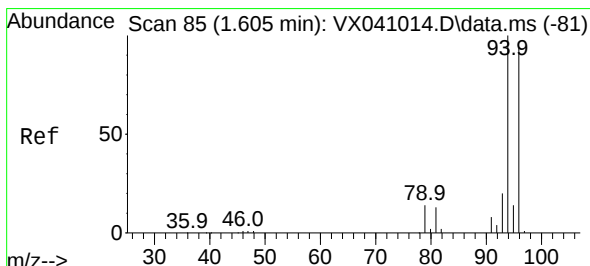
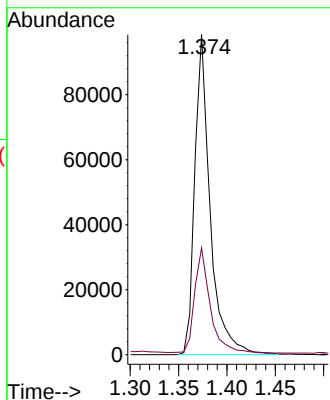
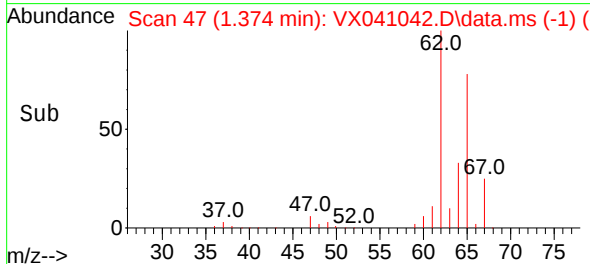


#5
 Vinyl chloride
 Concen: 50.090 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041042.D
 Acq: 12 Apr 2024 19:47

Instrument :
 MSVOA_X
 ClientSampleId :

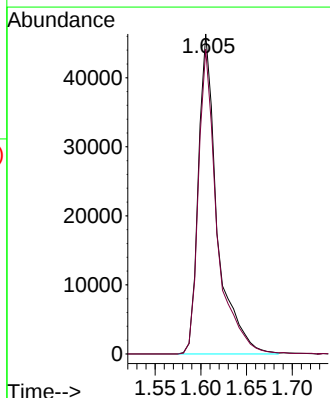
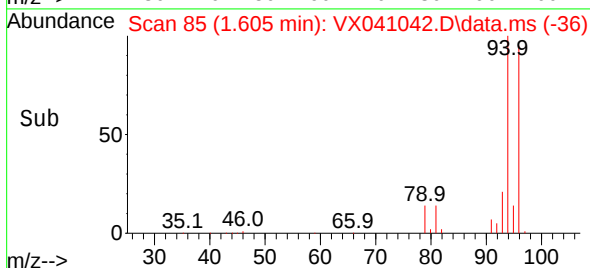
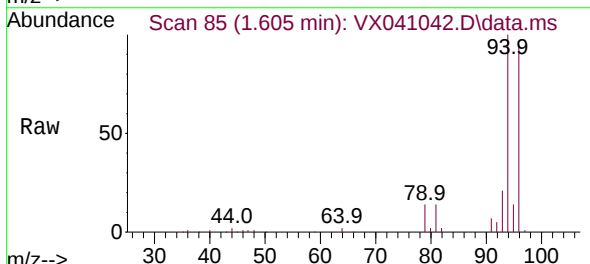


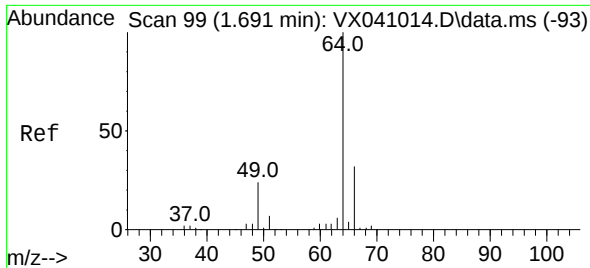
Tgt Ion: 62 Resp: 109489
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.5 41.9



#6
 Bromomethane
 Concen: 50.215 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX041042.D
 Acq: 12 Apr 2024 19:47

Tgt Ion: 94 Resp: 66362
 Ion Ratio Lower Upper
 94 100
 96 95.2 64.8 120.3

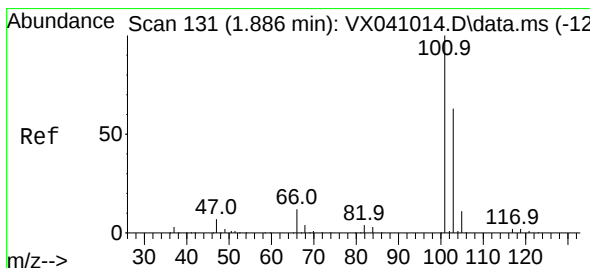
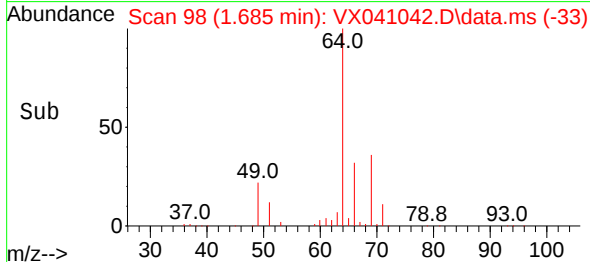
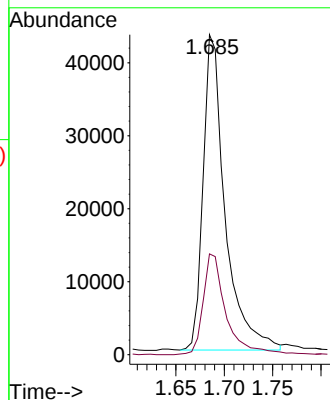
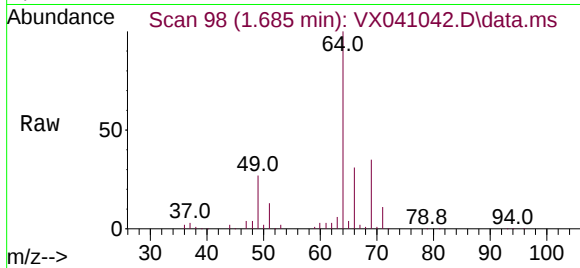




#8
Chloroethane
Concen: 50.383 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

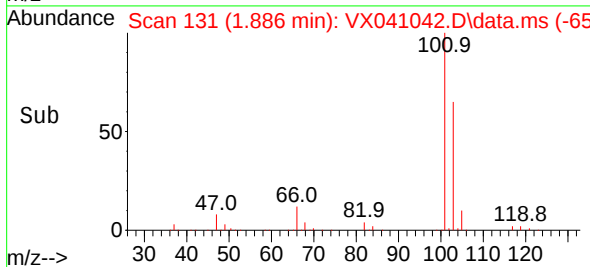
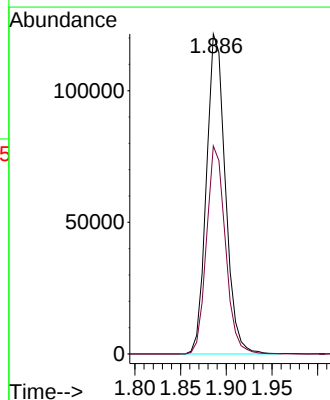
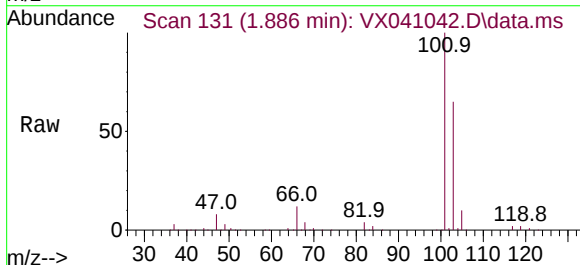
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MSVOA_X
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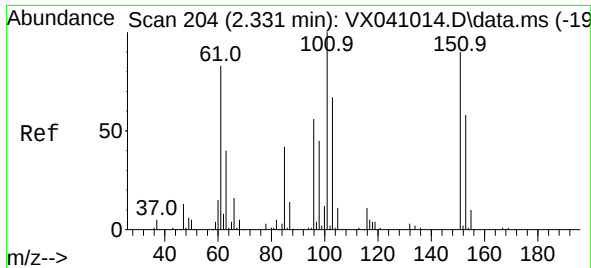
Tgt Ion: 64 Resp: 68525
Ion Ratio Lower Upper
64 100
66 31.5 21.8 40.6



#9
Trichlorofluoromethane
Concen: 50.644 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

Tgt Ion:101 Resp: 174410
Ion Ratio Lower Upper
101 100
103 64.9 52.5 78.7

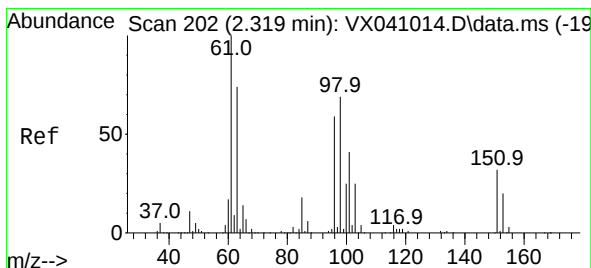
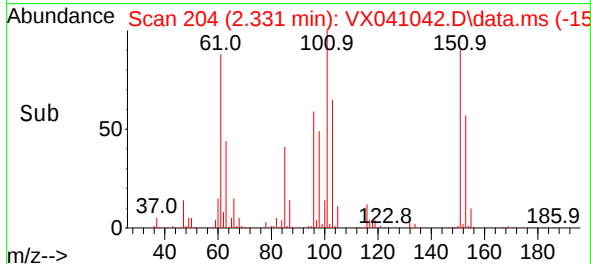
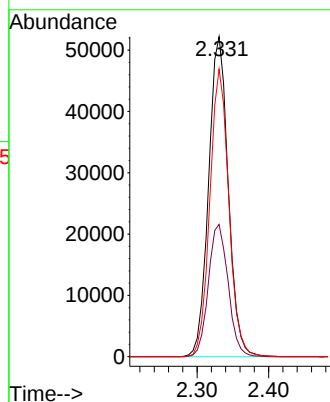
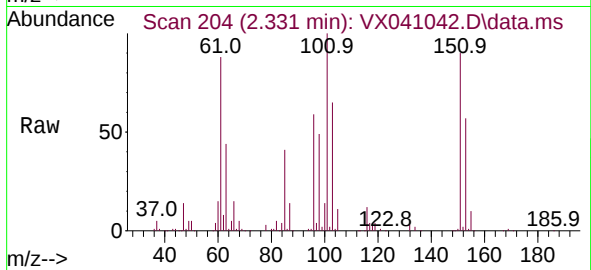




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.564 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX041042.D
 Acq: 12 Apr 2024 19:47

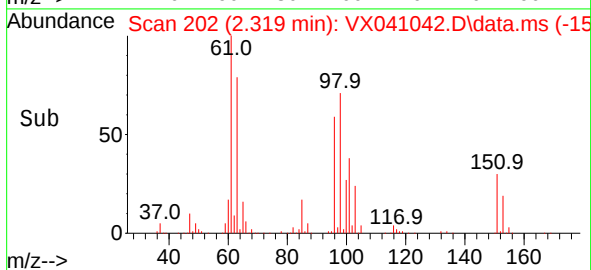
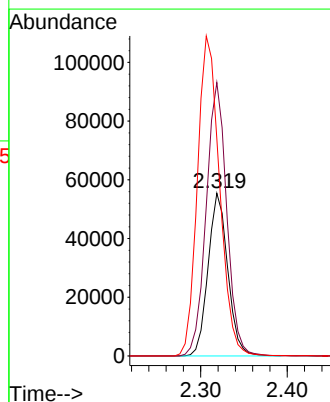
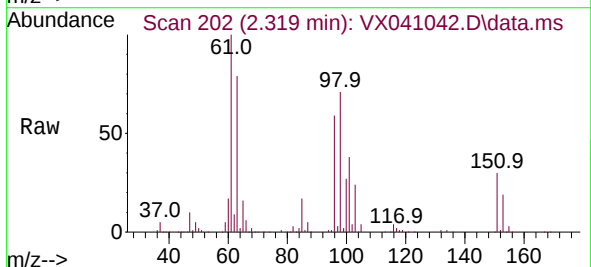
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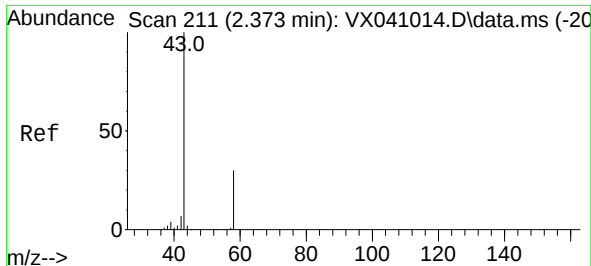
Tgt Ion:101 Resp: 99518
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.7 50.5
 151 86.9 69.9 104.9



#12
 1,1-Dichloroethene
 Concen: 50.070 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX041042.D
 Acq: 12 Apr 2024 19:47

Tgt Ion: 96 Resp: 87523
 Ion Ratio Lower Upper
 96 100
 61 168.1 113.6 211.0
 63 133.5 89.3 165.9





#13

Acetone

Concen: 80.017 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

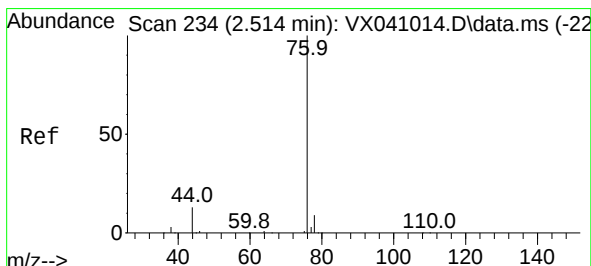
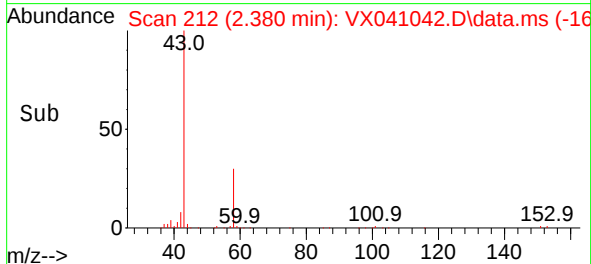
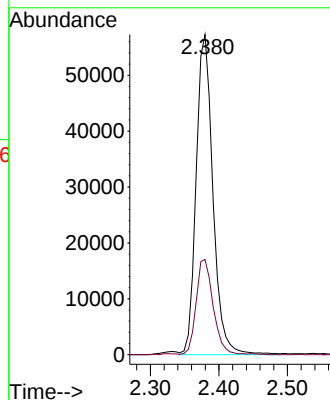
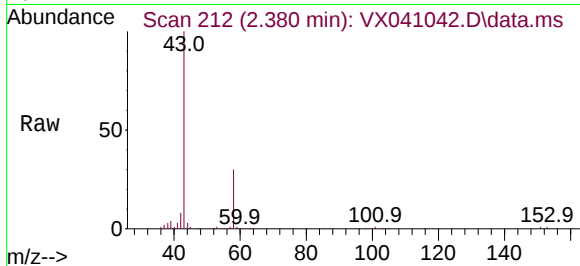
ClientSampleId :

Tgt Ion: 43 Resp: 97782

Ion Ratio Lower Upper

43 100

58 30.2 0.0 59.4



#14

Carbon disulfide

Concen: 47.569 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

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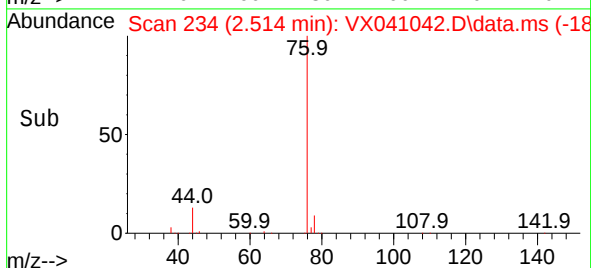
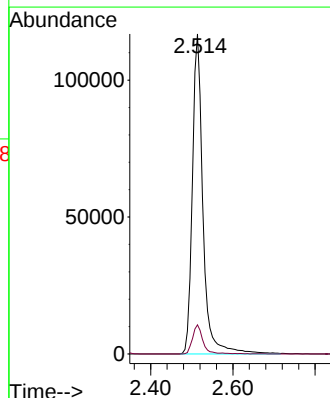
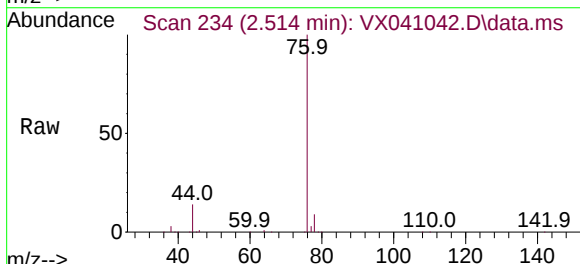
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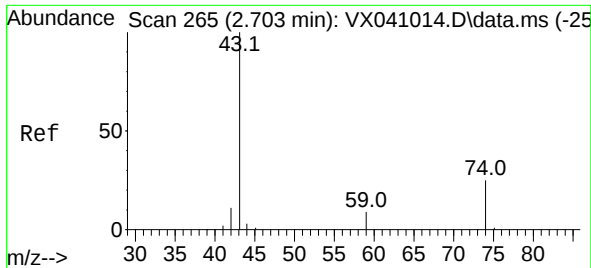
Tgt Ion: 76 Resp: 208964

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

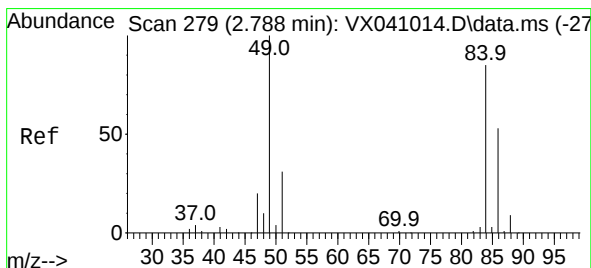
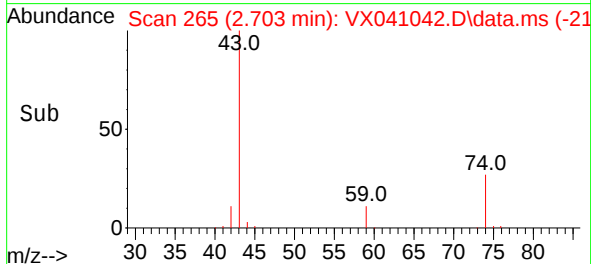
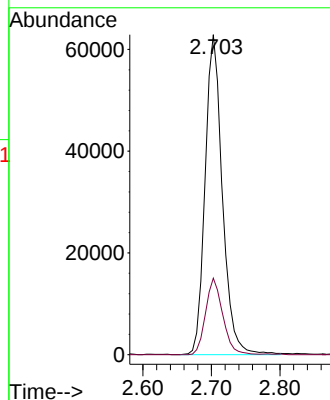
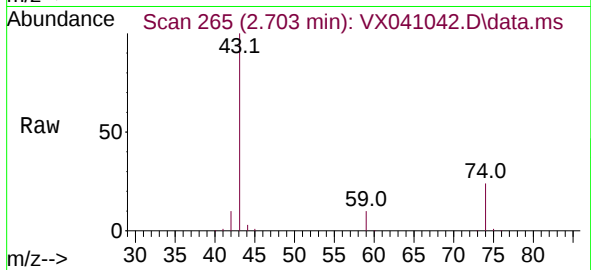




#15
Methyl Acetate
Concen: 52.093 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

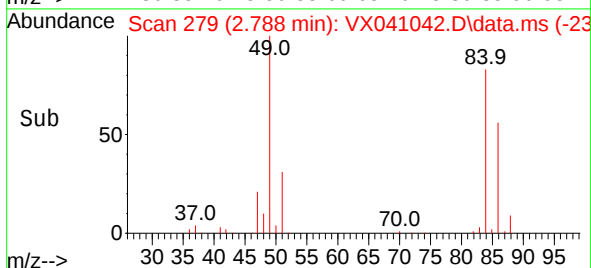
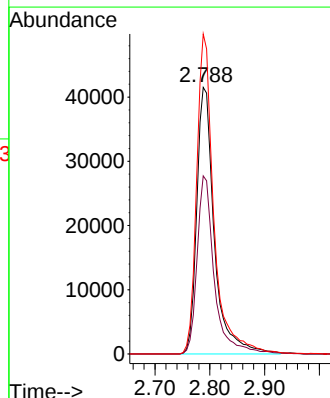
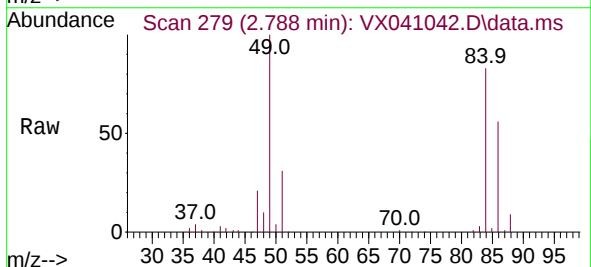
Instrument :
MSVOA_X
ClientSampleId :

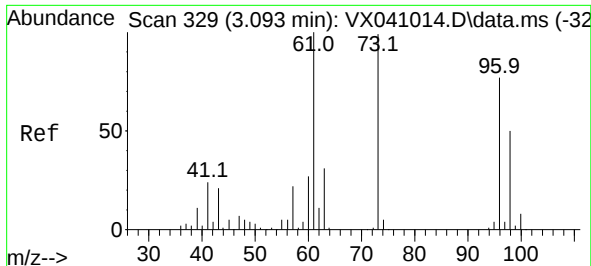
Tgt Ion: 43 Resp: 110513
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8



#16
Methylene chloride
Concen: 51.026 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

Tgt Ion: 84 Resp: 92966
Ion Ratio Lower Upper
84 100
86 66.8 45.9 85.3
49 120.0 83.1 154.3

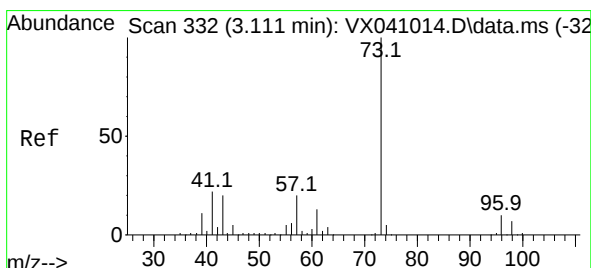
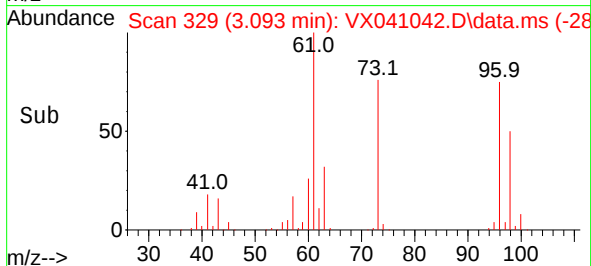
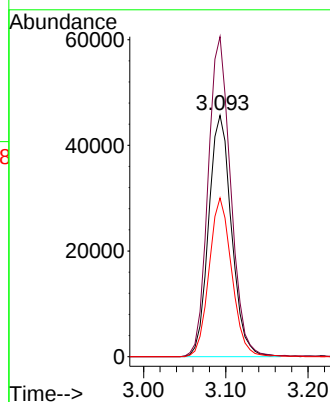
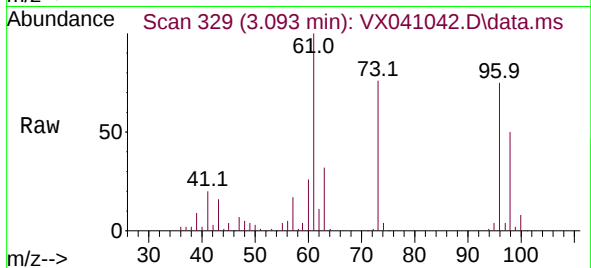




#17
trans-1,2-Dichloroethene
Concen: 48.855 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

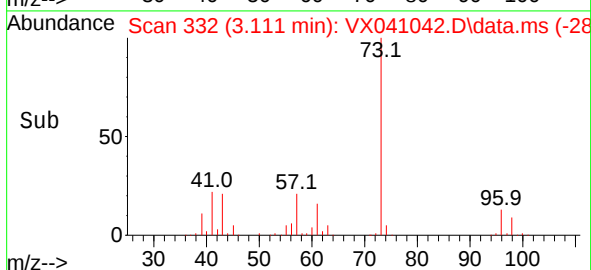
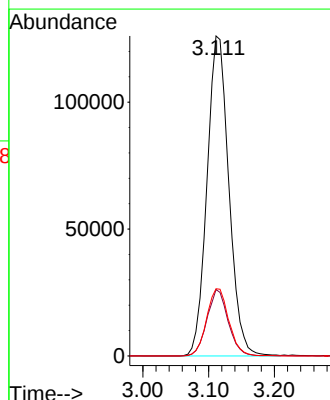
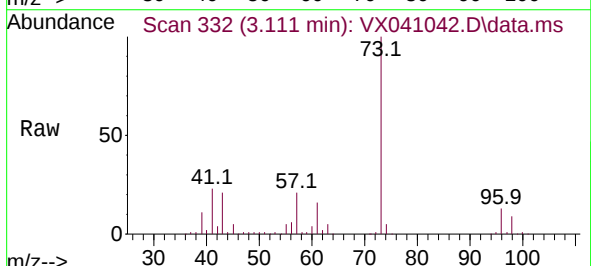
Instrument :
MSVOA_X
ClientSampleId :

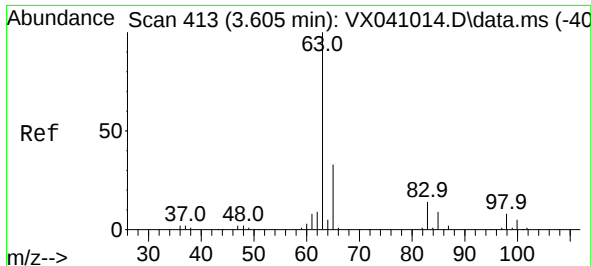
Tgt Ion: 96 Resp: 88399
Ion Ratio Lower Upper
96 100
61 132.6 91.4 169.8
98 65.8 45.6 84.6



#18
Methyl tert-butyl Ether
Concen: 51.337 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

Tgt Ion: 73 Resp: 291565
Ion Ratio Lower Upper
73 100
43 20.1 16.6 25.0
57 21.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 51.427 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

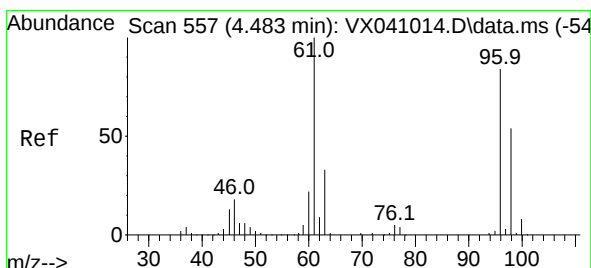
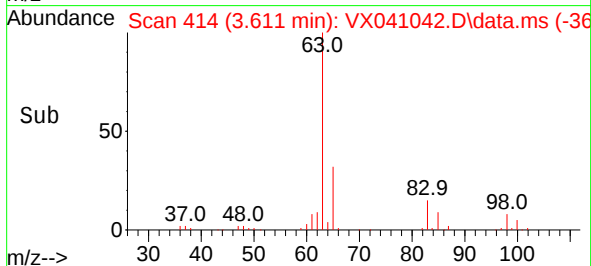
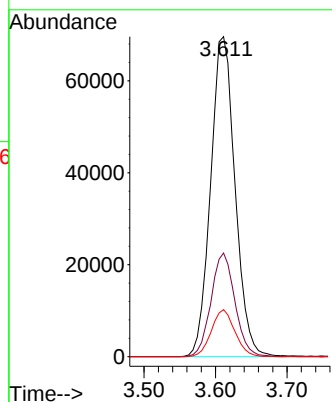
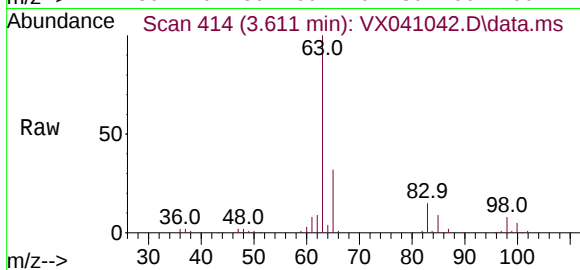
Tgt Ion: 63 Resp: 165277

Ion Ratio Lower Upper

63 100

65 32.4 22.9 42.5

83 14.7 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 50.929 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

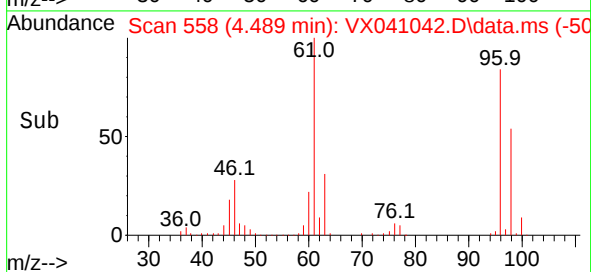
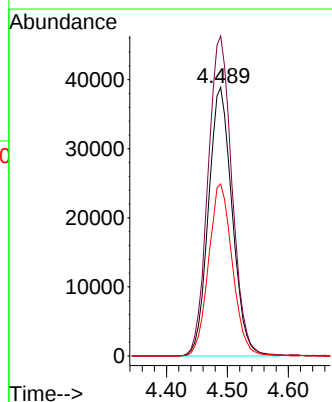
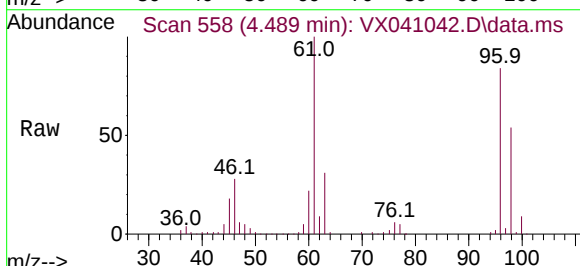
Tgt Ion: 96 Resp: 104989

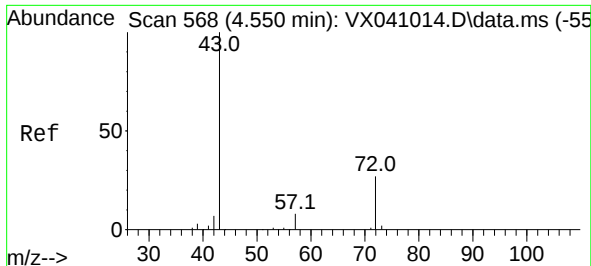
Ion Ratio Lower Upper

96 100

61 119.2 82.6 153.4

98 64.1 46.0 85.4





#22

2-Butanone

Concen: 97.526 ug/L

RT: 4.556 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

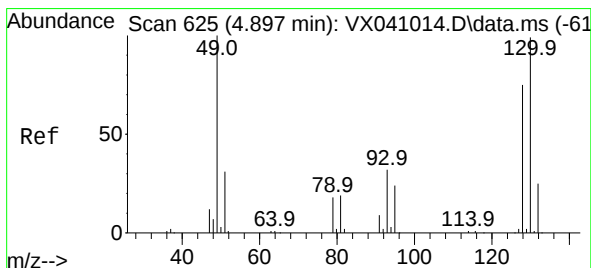
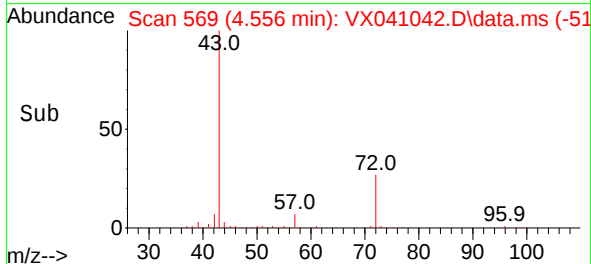
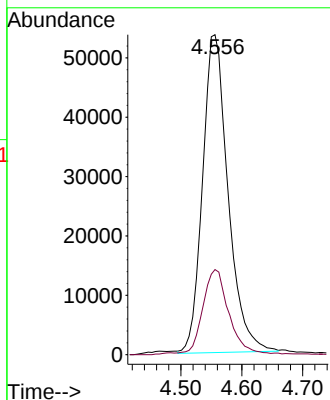
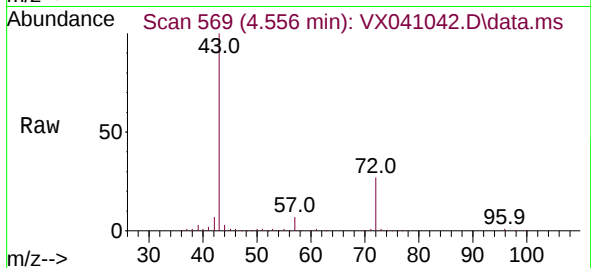
ClientSampleId :

Tgt Ion: 43 Resp: 156003

Ion Ratio Lower Upper

43 100

72 27.3 13.2 39.6



#23

Bromochloromethane

Concen: 51.274 ug/L

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Tgt Ion:128 Resp: 57463

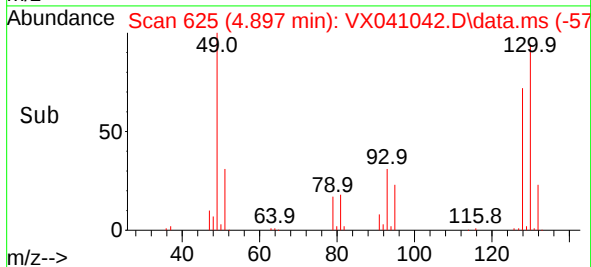
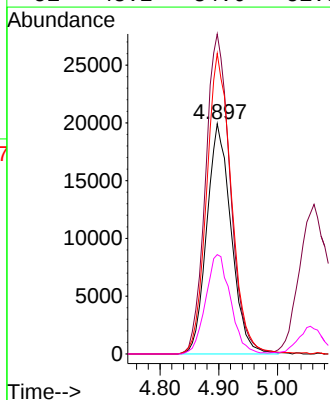
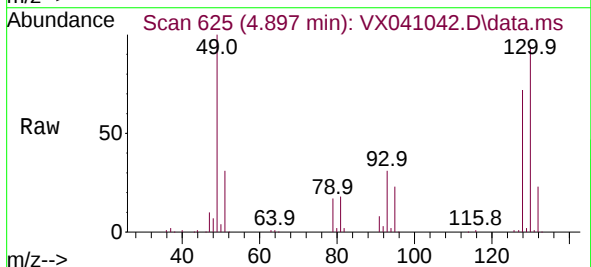
Ion Ratio Lower Upper

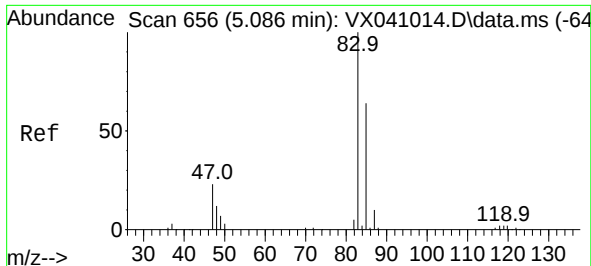
128 100

49 139.0 96.4 179.0

130 130.5 87.9 163.3

51 43.2 34.6 51.8





#25

Chloroform

Concen: 51.265 ug/L

RT: 5.093 min Scan# 60

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

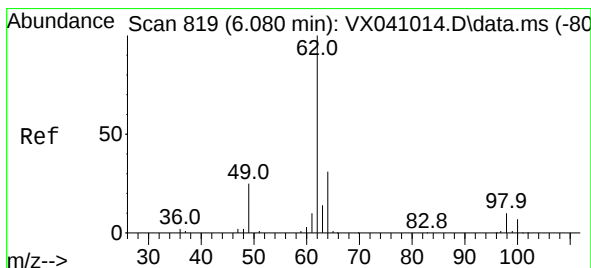
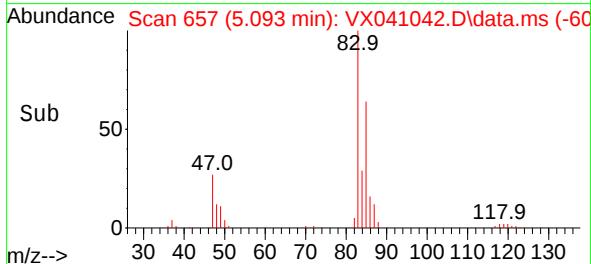
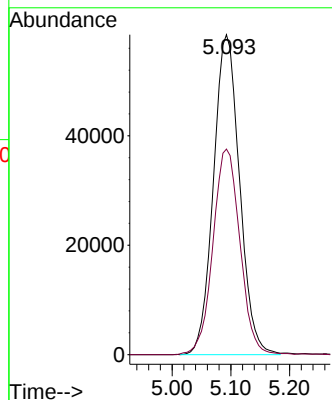
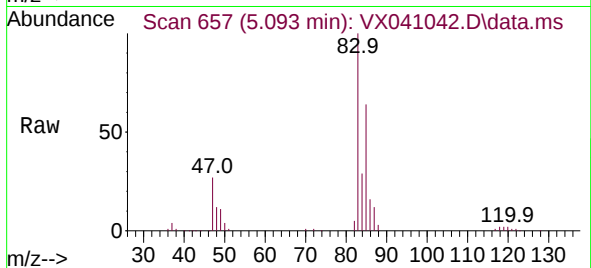
ClientSampleId :

Tgt Ion: 83 Resp: 180560

Ion Ratio Lower Upper

83 100

85 64.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 51.066 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX041042.D

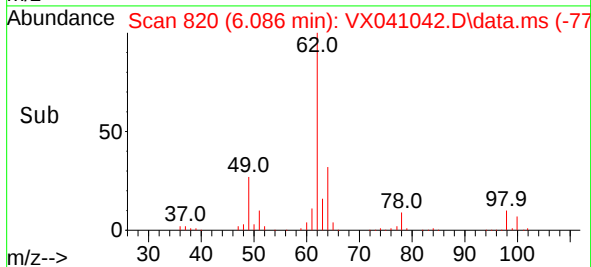
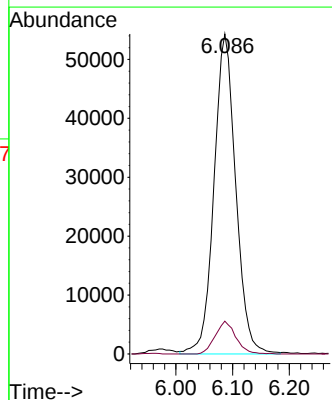
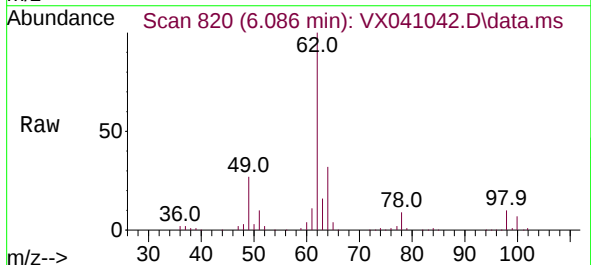
Acq: 12 Apr 2024 19:47

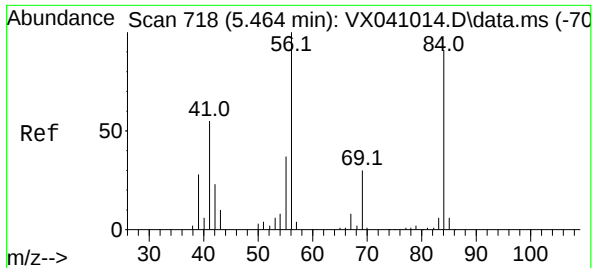
Tgt Ion: 62 Resp: 144564

Ion Ratio Lower Upper

62 100

98 10.3 7.7 11.5





#29

Cyclohexane

Concen: 50.892 ug/L

RT: 5.471 min Scan# 718

Delta R.T. 0.006 min

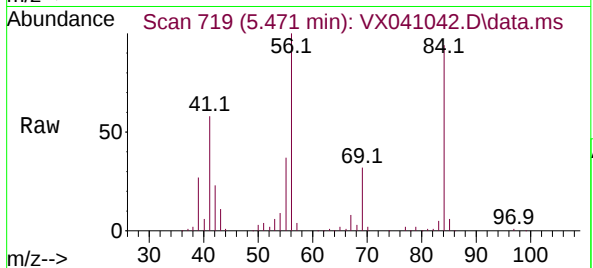
Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :



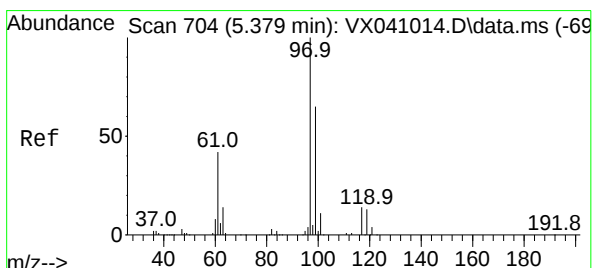
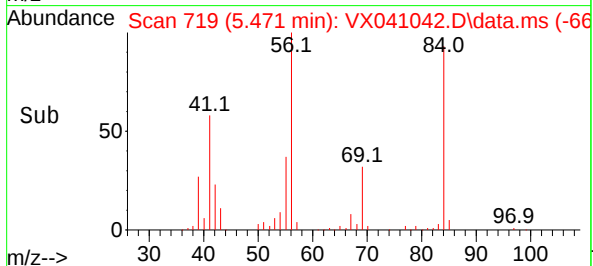
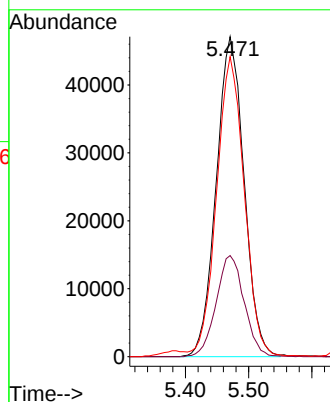
Tgt Ion: 56 Resp: 143583

Ion Ratio Lower Upper

56 100

69 31.8 25.0 37.4

84 92.7 74.9 112.3



#30

1,1,1-Trichloroethane

Concen: 50.634 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

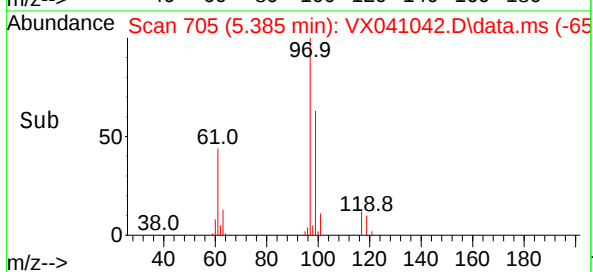
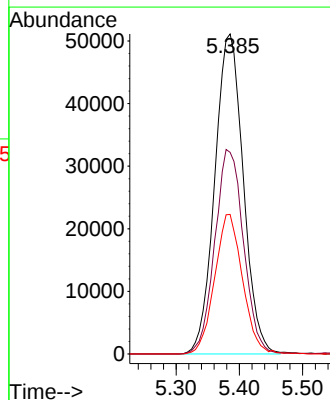
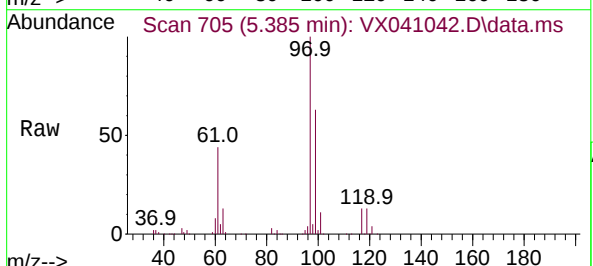
Tgt Ion: 97 Resp: 159801

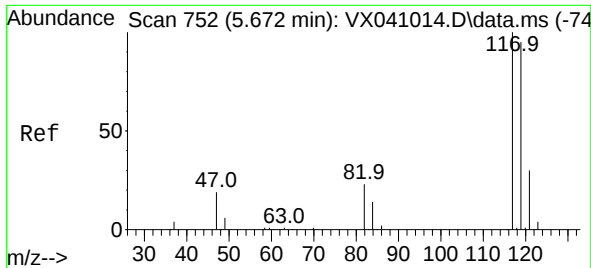
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 42.5 34.0 51.0

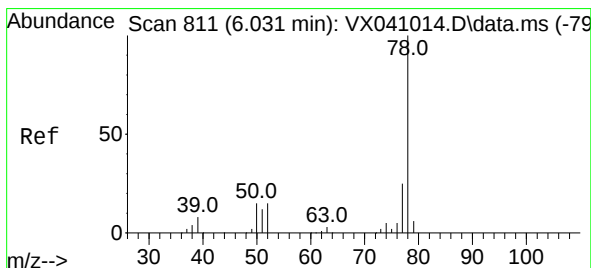
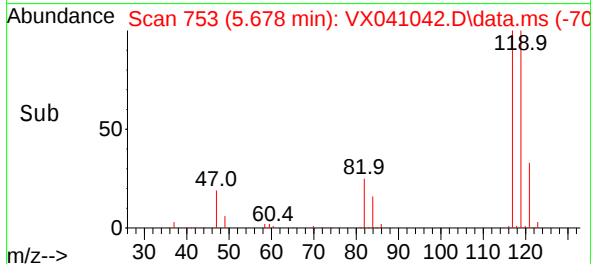
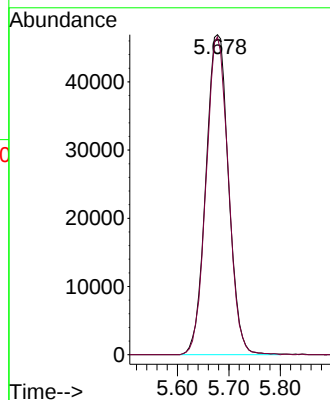
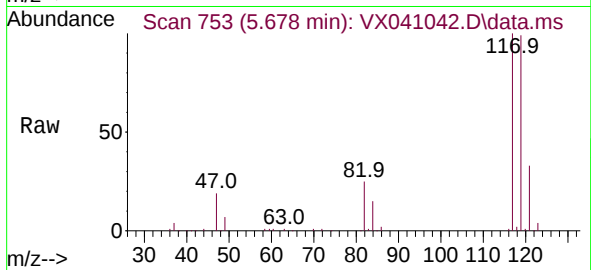




#31
Carbon tetrachloride
Concen: 50.054 ug/L
RT: 5.678 min Scan# 74
Delta R.T. 0.006 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

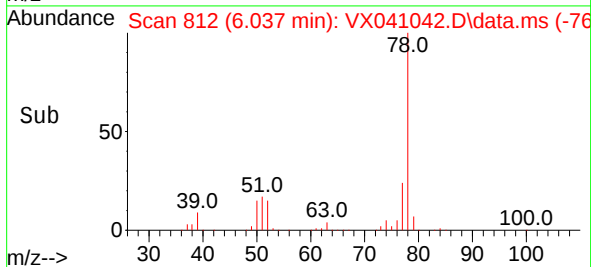
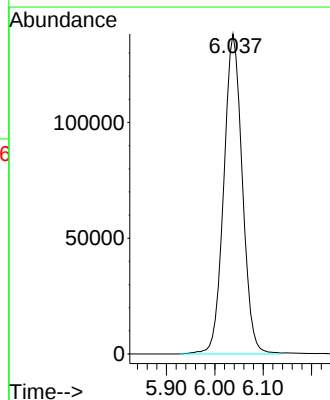
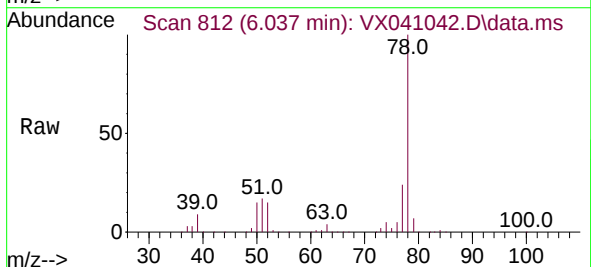
Instrument :
MSVOA_X
ClientSampleId :

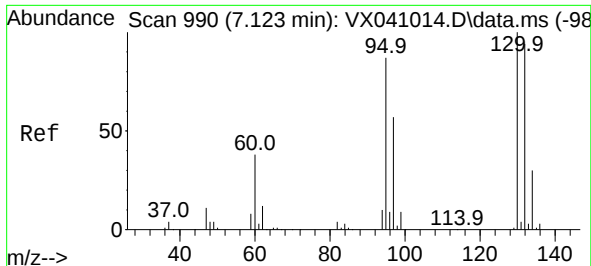
Tgt Ion:117 Resp: 143957
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2



#33
Benzene
Concen: 50.521 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

Tgt Ion: 78 Resp: 369148





#34

Trichloroethene

Concen: 48.234 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

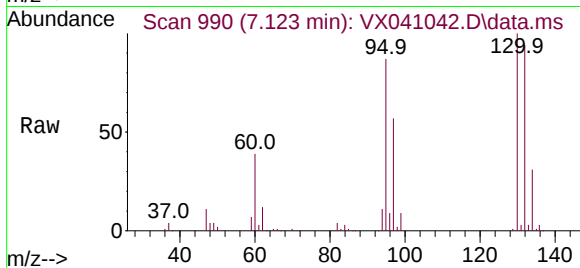
Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 101101

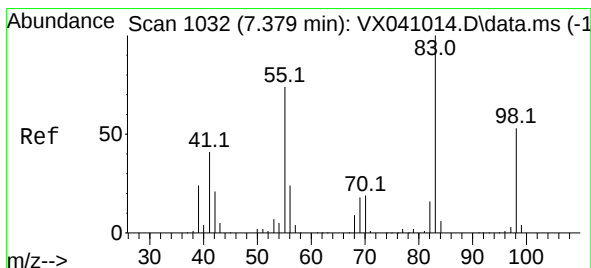
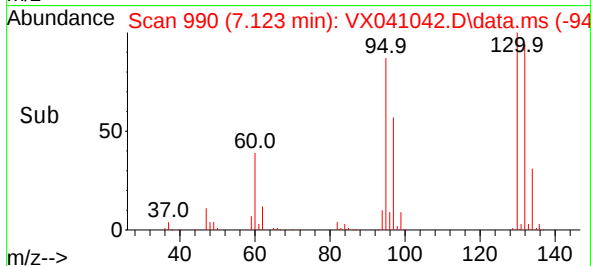
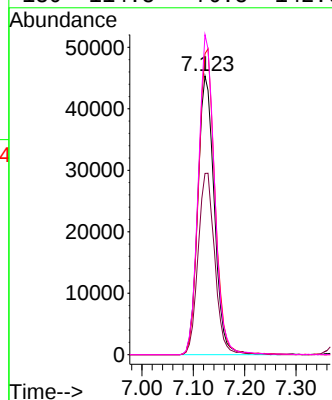
Ion Ratio Lower Upper

95 100

97 65.0 43.2 80.2

132 108.0 74.3 138.1

130 114.8 76.8 142.6



#35

Methylcyclohexane

Concen: 51.677 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

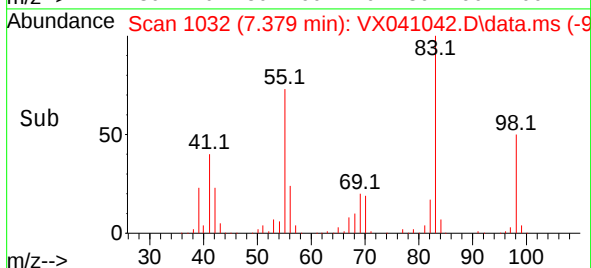
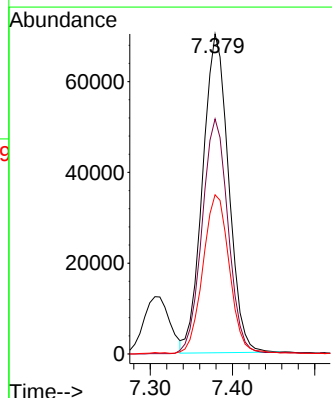
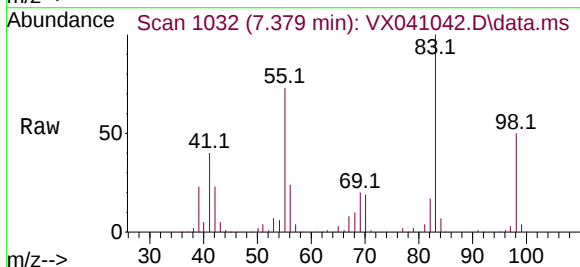
Tgt Ion: 83 Resp: 153618

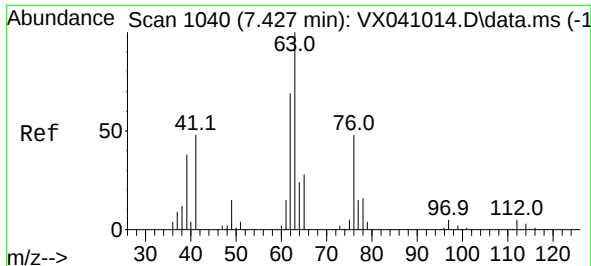
Ion Ratio Lower Upper

83 100

55 73.7 58.9 88.3

98 50.9 40.9 61.3

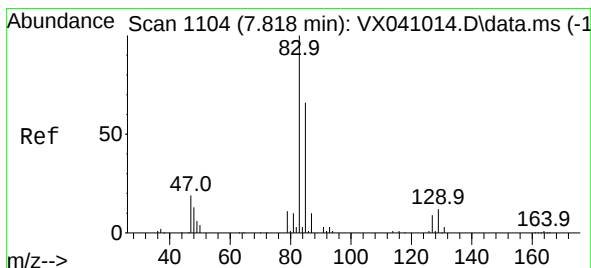
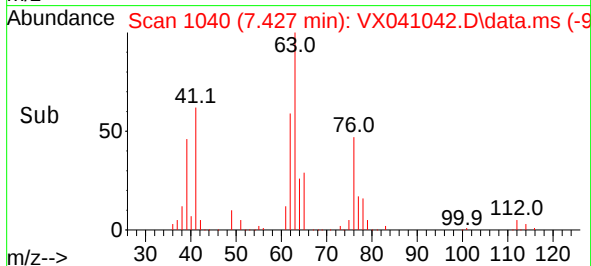
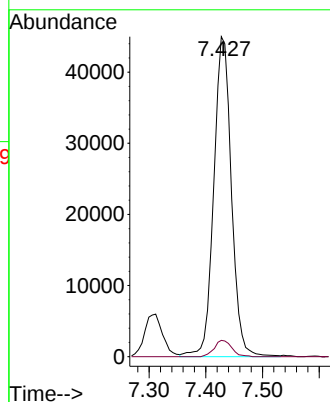
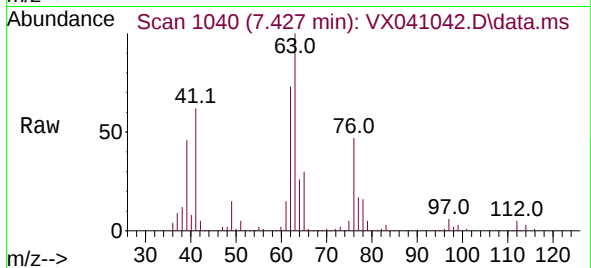




#37
1,2-Dichloropropane
Concen: 51.484 ug/L
RT: 7.427 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

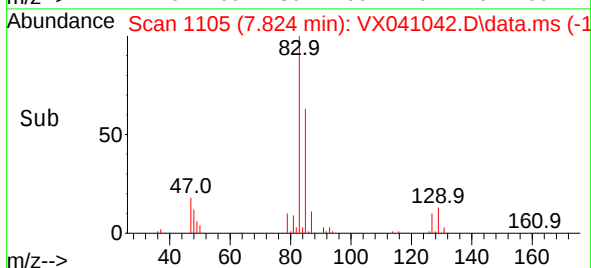
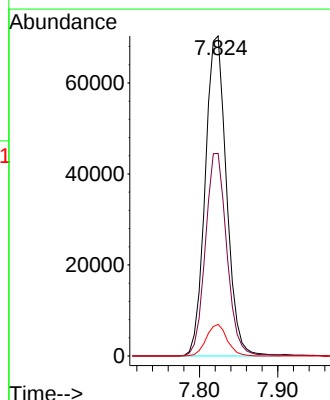
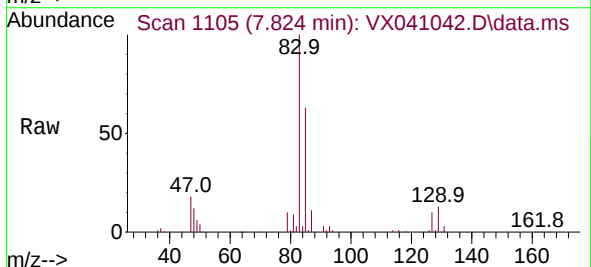
Instrument :
MSVOA_X
ClientSampleId :

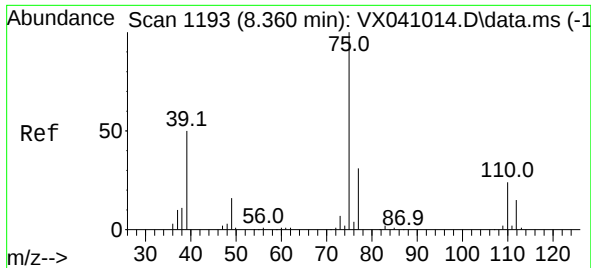
Tgt Ion: 63 Resp: 97372
Ion Ratio Lower Upper
63 100
112 5.1 4.2 6.2



#38
Bromodichloromethane
Concen: 50.009 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

Tgt Ion: 83 Resp: 132595
Ion Ratio Lower Upper
83 100
85 63.3 44.3 82.3
127 9.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 49.767 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

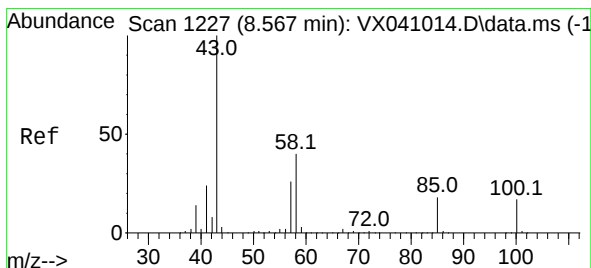
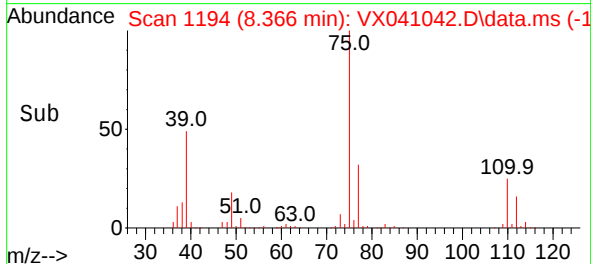
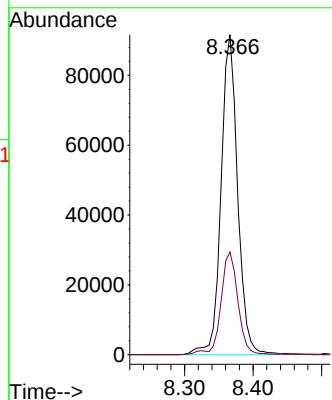
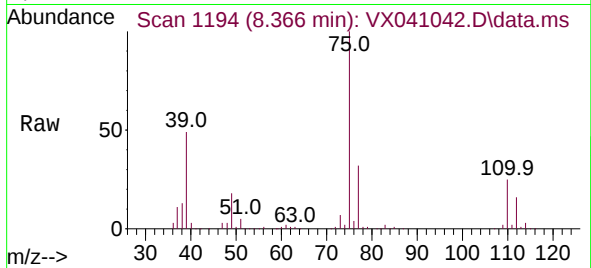
ClientSampleId :

Tgt Ion: 75 Resp: 153780

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 106.151 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

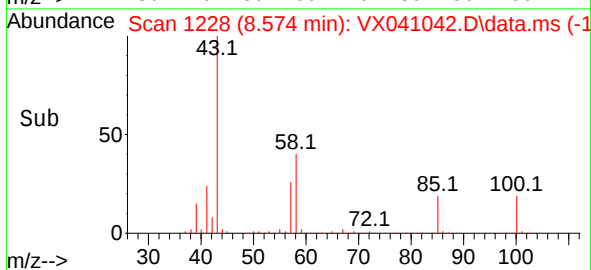
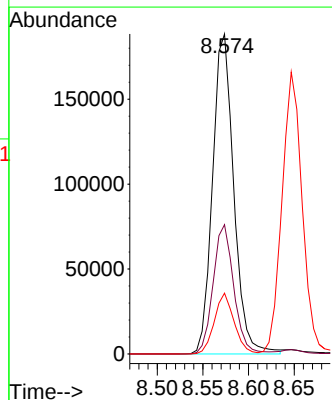
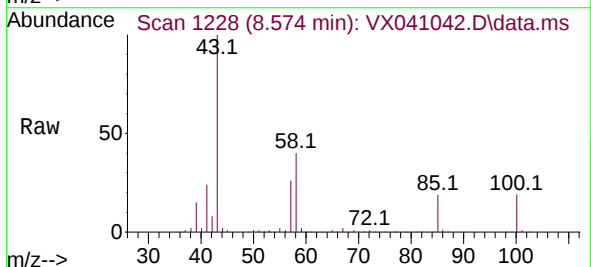
Tgt Ion: 43 Resp: 304049

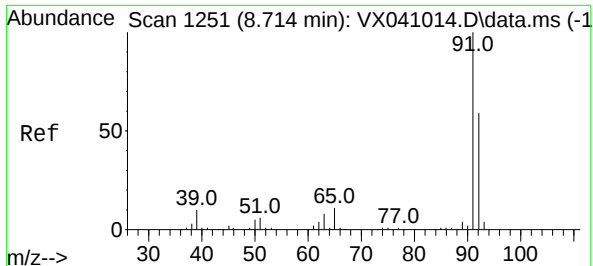
Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7

100 17.7 14.2 21.2





#42

Toluene

Concen: 50.706 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

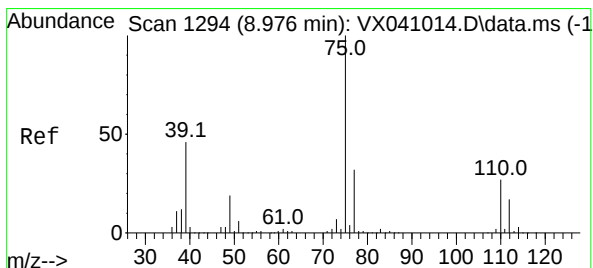
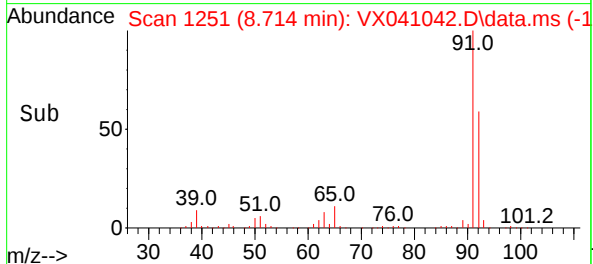
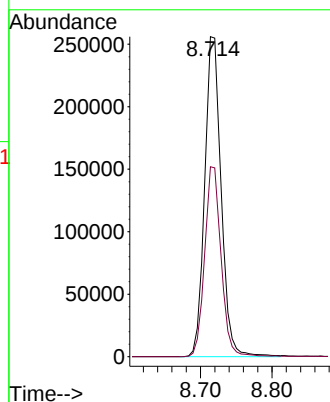
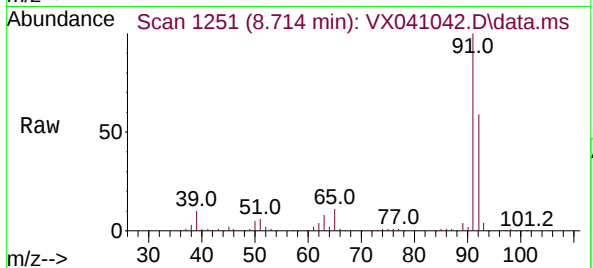
ClientSampleId :

Tgt Ion: 91 Resp: 410306

Ion Ratio Lower Upper

91 100

92 59.3 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 49.127 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041042.D

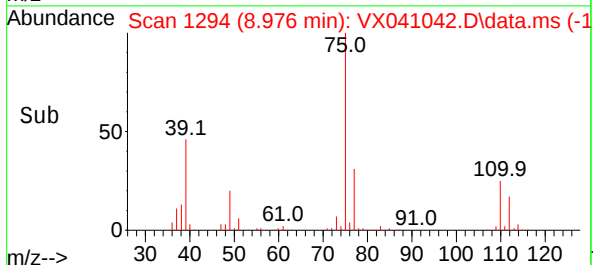
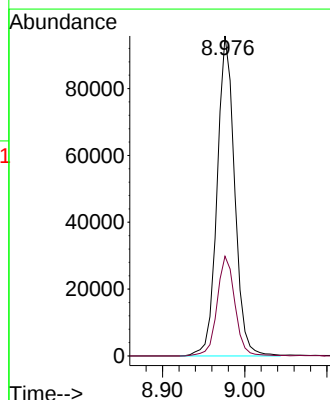
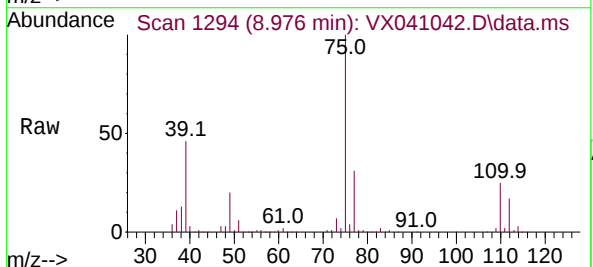
Acq: 12 Apr 2024 19:47

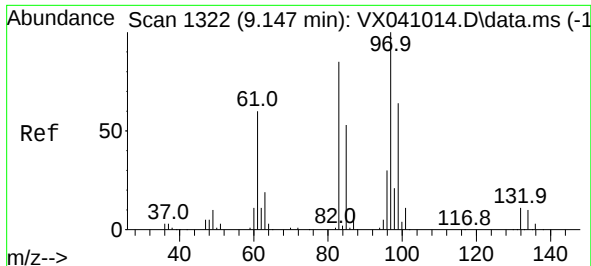
Tgt Ion: 75 Resp: 141867

Ion Ratio Lower Upper

75 100

77 31.2 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 51.550 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 105902

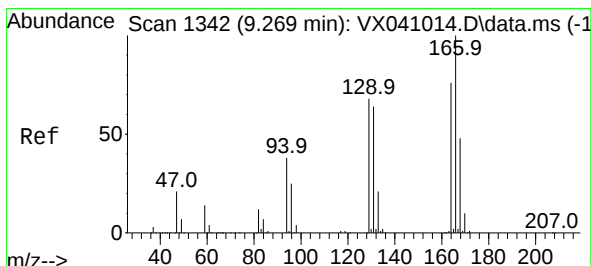
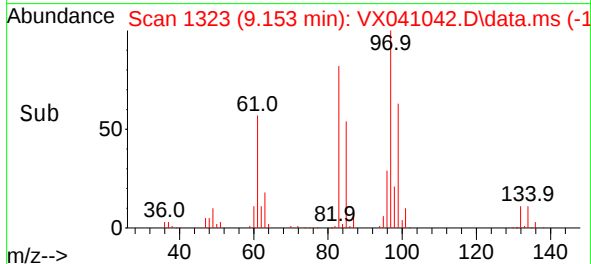
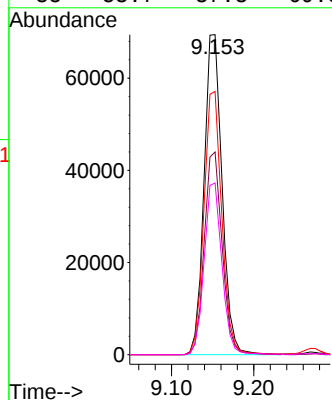
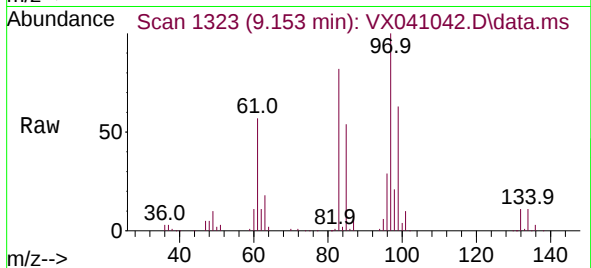
Ion Ratio Lower Upper

97 100

99 63.3 44.1 81.9

83 82.2 57.2 106.2

85 53.7 37.3 69.3



#46

Tetrachloroethene

Concen: 49.231 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Tgt Ion:164 Resp: 97187

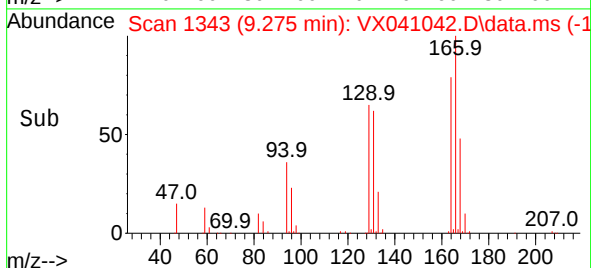
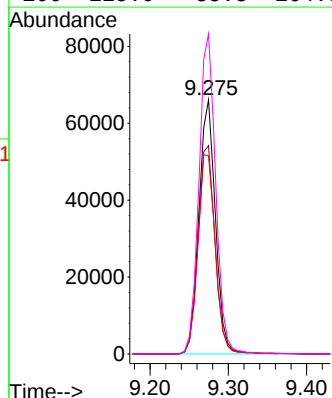
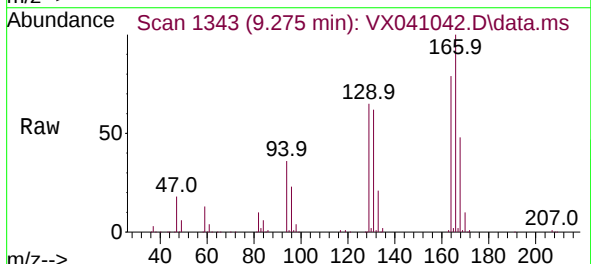
Ion Ratio Lower Upper

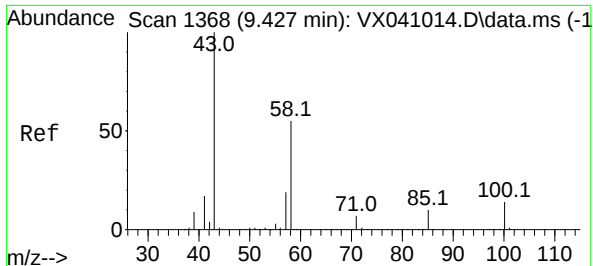
164 100

129 82.0 58.9 109.5

131 77.9 56.6 105.2

166 125.9 88.8 164.8

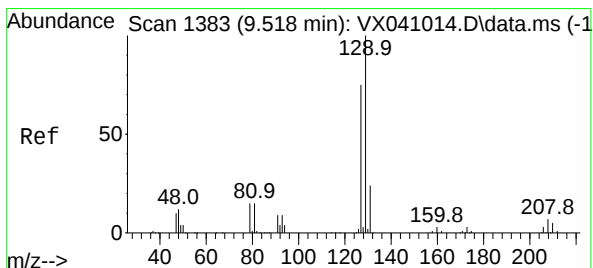
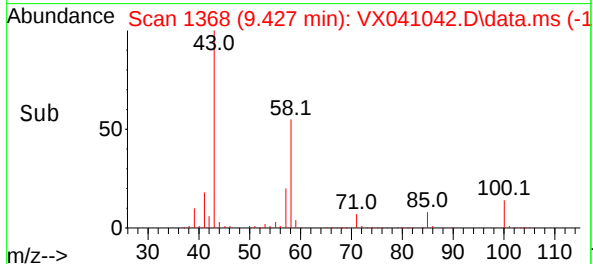
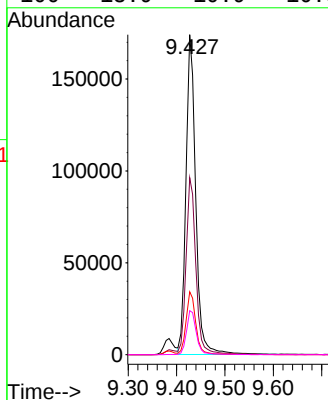
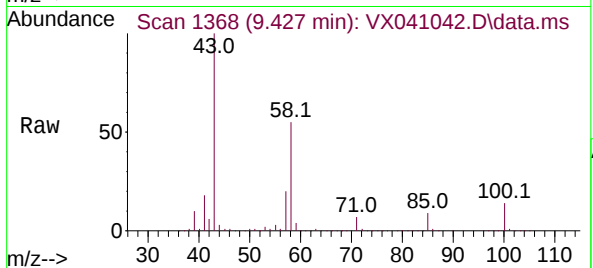




#48
2-Hexanone
Concen: 106.664 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

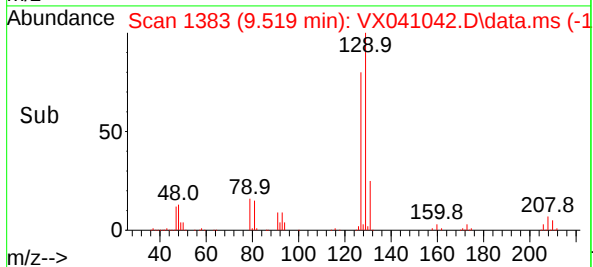
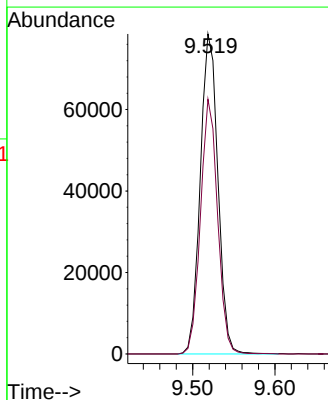
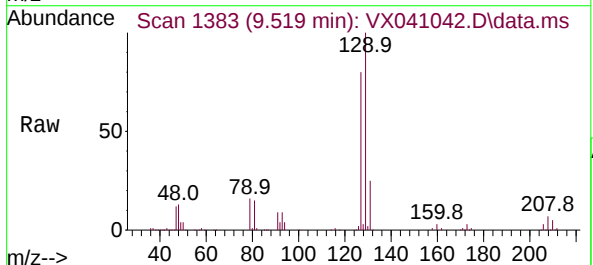
Instrument :
MSVOA_X
ClientSampleId :

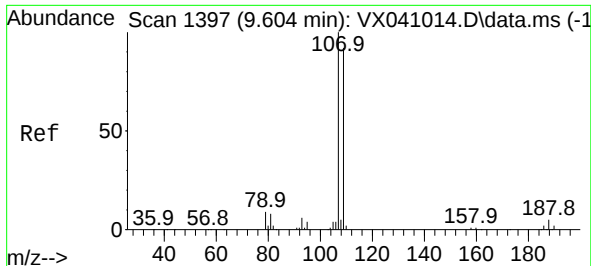
Tgt Ion: 43 Resp: 245438
Ion Ratio Lower Upper
43 100
58 55.0 43.2 64.8
57 18.8 15.4 23.2
100 13.9 10.9 16.3



#49
Dibromochloromethane
Concen: 50.542 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

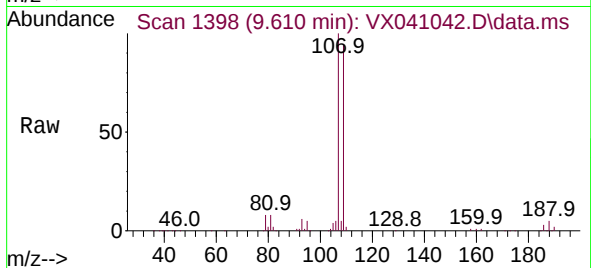
Tgt Ion: 129 Resp: 117108
Ion Ratio Lower Upper
129 100
127 79.6 54.0 100.2



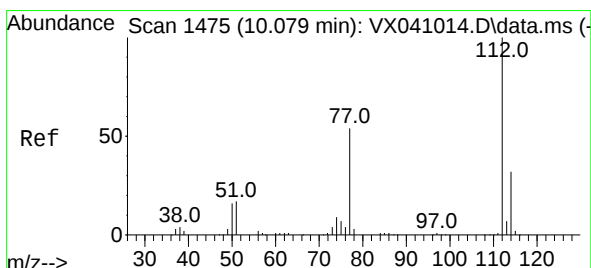
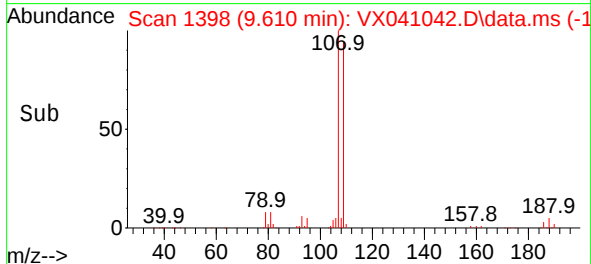
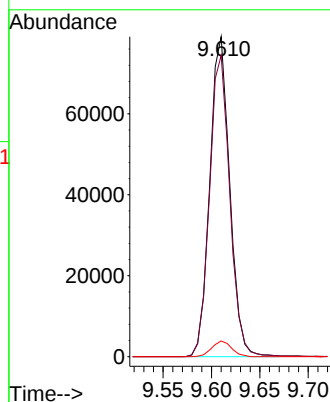


#50
1,2-Dibromoethane
Concen: 51.296 ug/L
RT: 9.610 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

Instrument :
MSVOA_X
ClientSampleId :

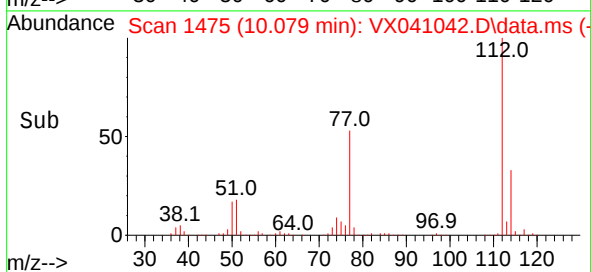
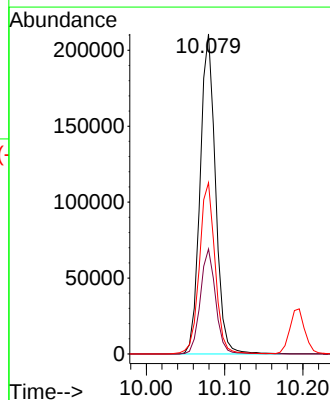
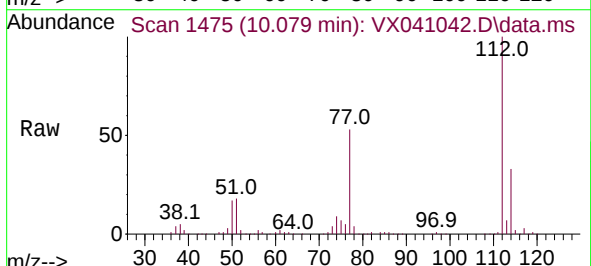


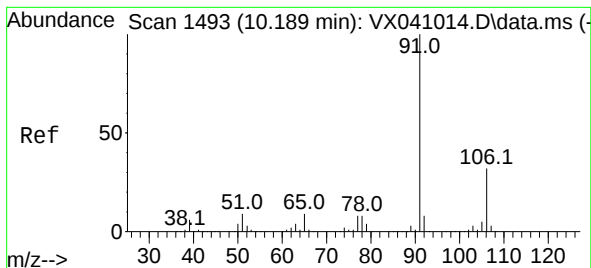
Tgt Ion:107 Resp: 113682
Ion Ratio Lower Upper
107 100
109 94.2 67.7 125.7
188 4.9 3.8 5.6



#51
Chlorobenzene
Concen: 50.794 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

Tgt Ion:112 Resp: 288042
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.8
77 53.5 43.4 65.0





#52

Ethylbenzene

Concen: 51.012 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

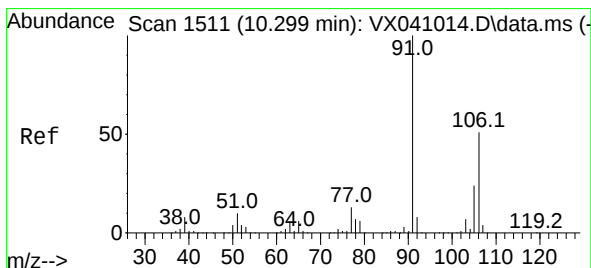
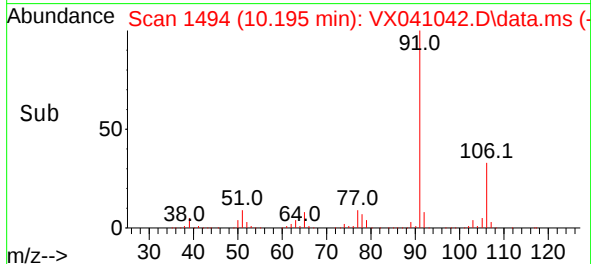
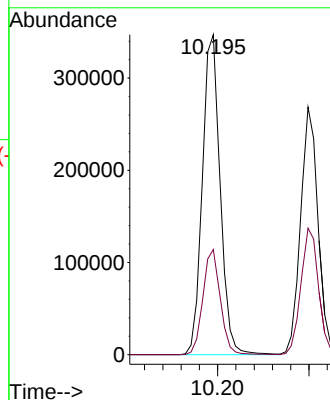
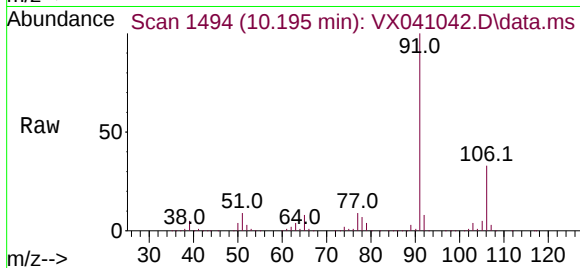
ClientSampleId :

Tgt Ion: 91 Resp: 468346

Ion Ratio Lower Upper

91 100

106 32.9 23.0 42.8



#53

m,p-Xylene

Concen: 50.778 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041042.D

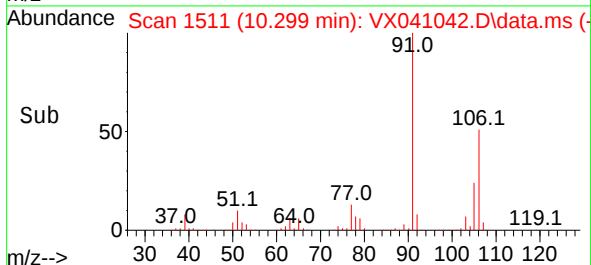
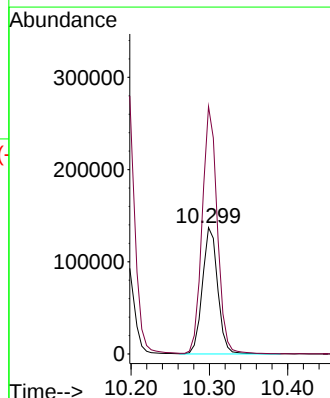
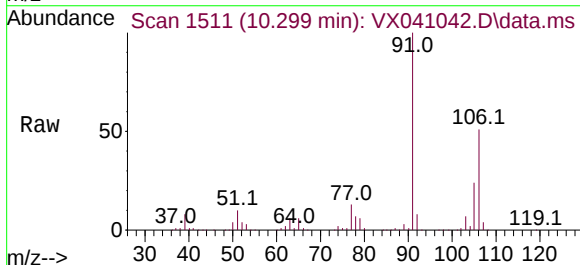
Acq: 12 Apr 2024 19:47

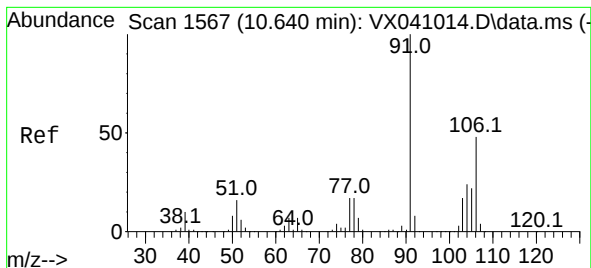
Tgt Ion:106 Resp: 185882

Ion Ratio Lower Upper

106 100

91 195.7 140.4 260.8





#54

o-Xylene

Concen: 51.607 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

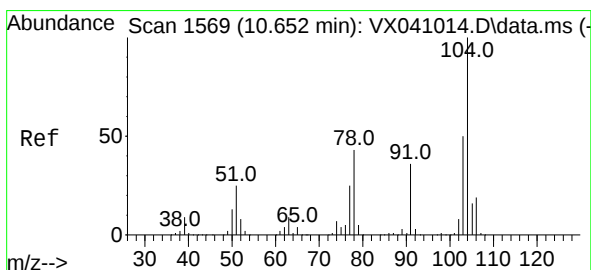
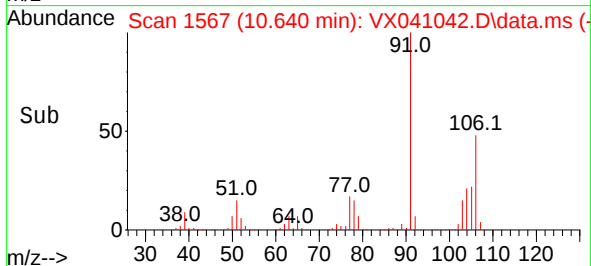
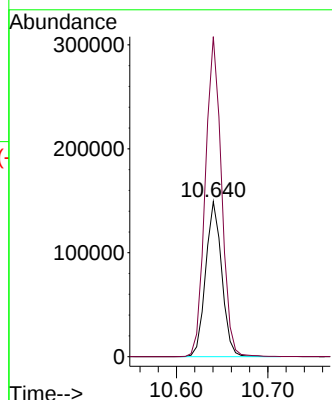
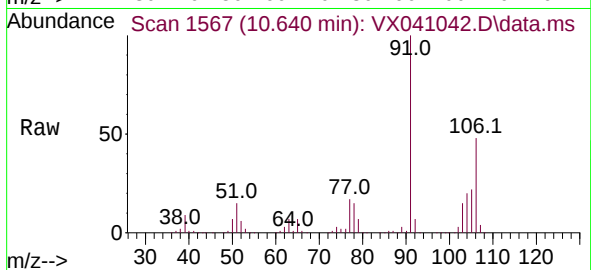
ClientSampleId :

Tgt Ion:106 Resp: 182185

Ion Ratio Lower Upper

106 100

91 206.3 144.0 267.4



#55

Styrene

Concen: 51.450 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041042.D

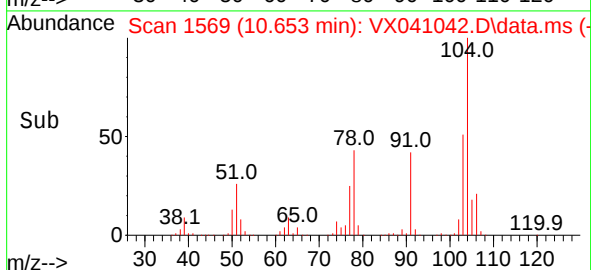
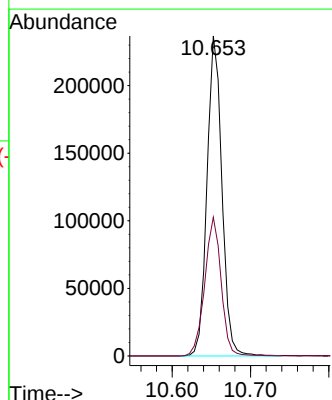
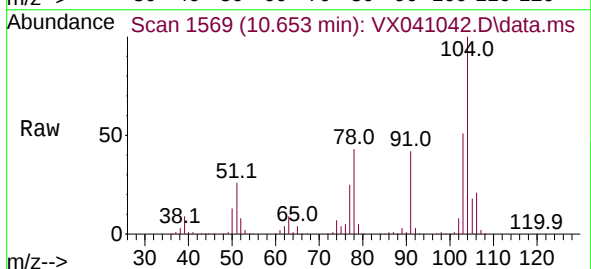
Acq: 12 Apr 2024 19:47

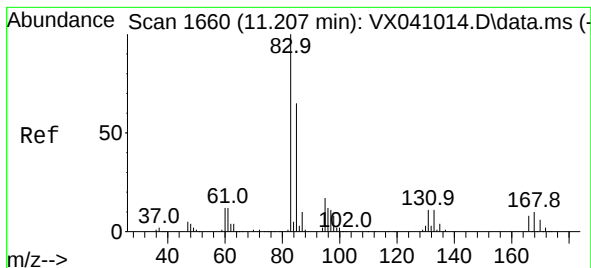
Tgt Ion:104 Resp: 312271

Ion Ratio Lower Upper

104 100

78 43.4 30.7 56.9





#57

1,1,2,2-Tetrachloroethane

Concen: 52.041 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

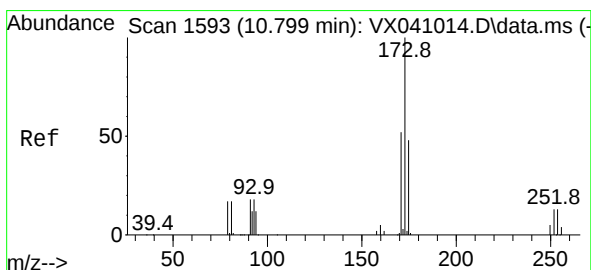
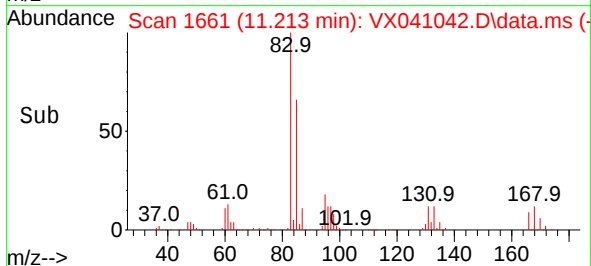
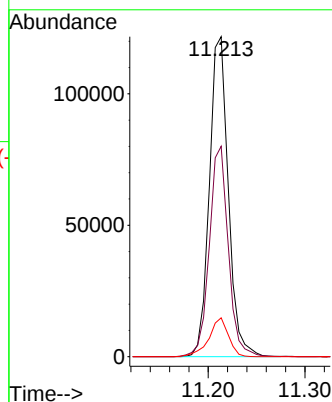
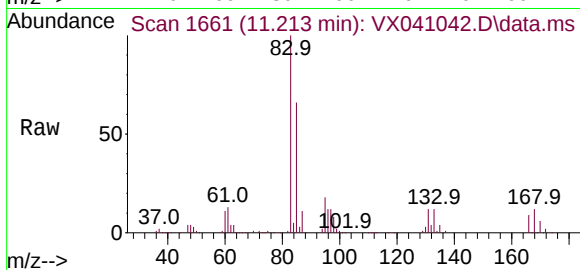
Tgt Ion: 83 Resp: 165638

Ion Ratio Lower Upper

83 100

85 65.8 45.8 85.0

131 12.1 9.4 14.2



#59

Bromoform

Concen: 51.644 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

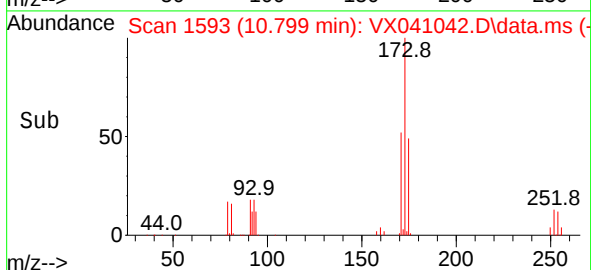
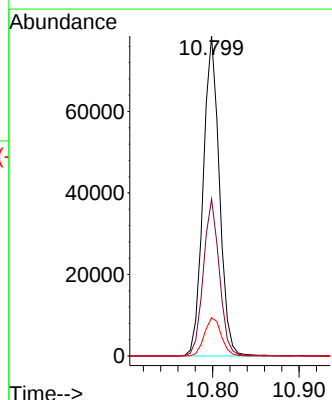
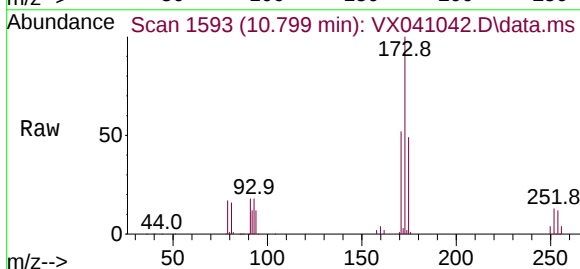
Tgt Ion:173 Resp: 102069

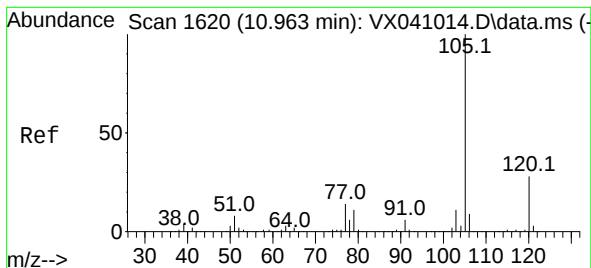
Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

254 12.5 10.4 15.6





#60

Isopropylbenzene

Concen: 51.893 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

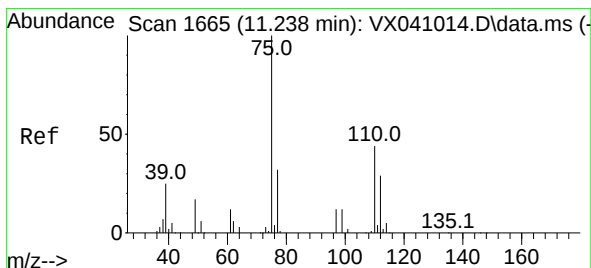
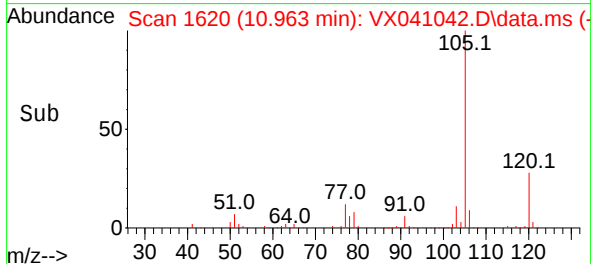
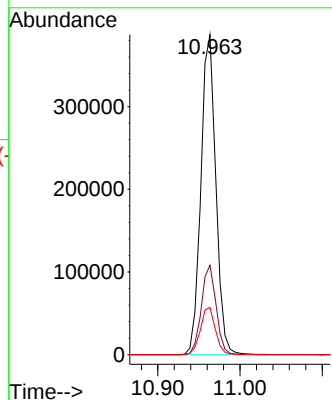
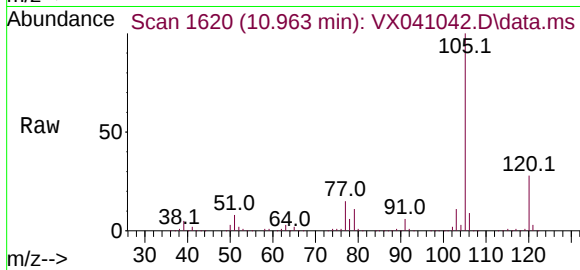
Tgt Ion:105 Resp: 488561

Ion Ratio Lower Upper

105 100

120 27.6 21.9 32.9

77 14.8 11.8 17.8



#61

1,2,3-Trichloropropane

Concen: 52.883 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

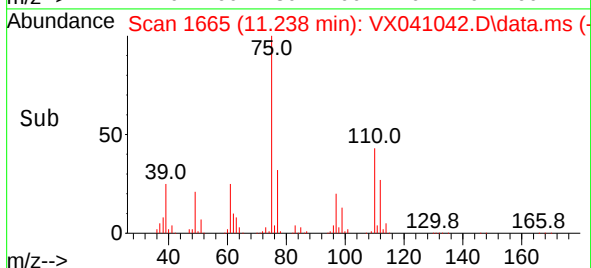
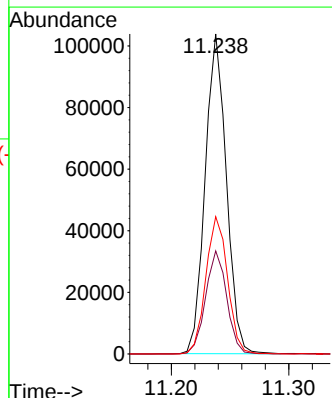
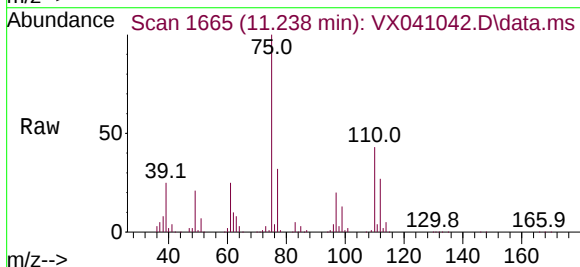
Tgt Ion: 75 Resp: 130040

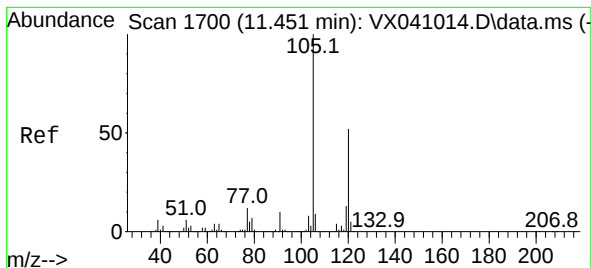
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 44.1 35.2 52.8





#62

1,3,5-Trimethylbenzene

Concen: 52.876 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

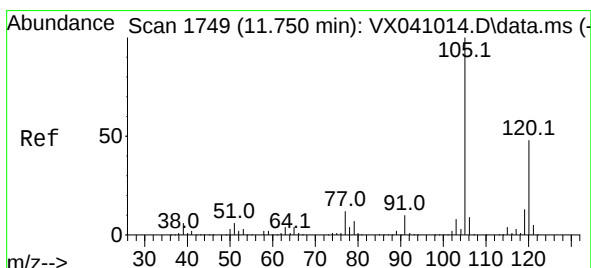
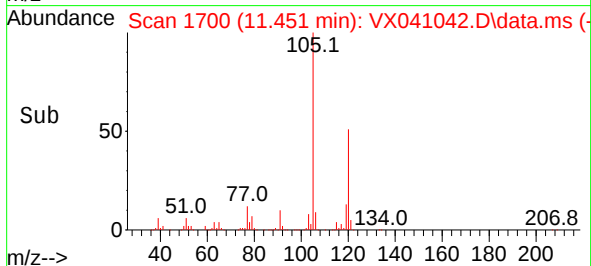
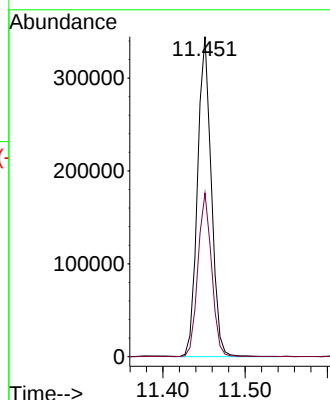
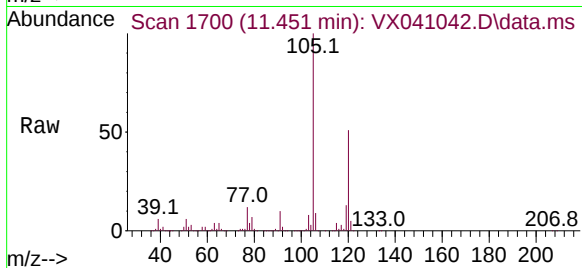
ClientSampleId :

Tgt Ion:105 Resp: 401322

Ion Ratio Lower Upper

105 100

120 50.8 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 51.464 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041042.D

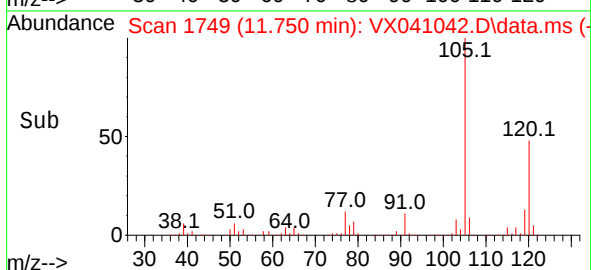
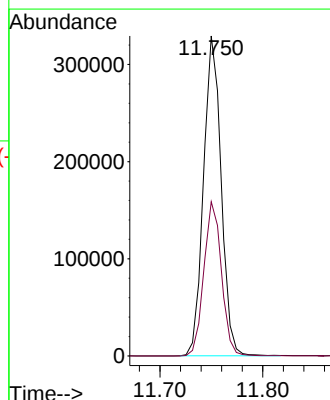
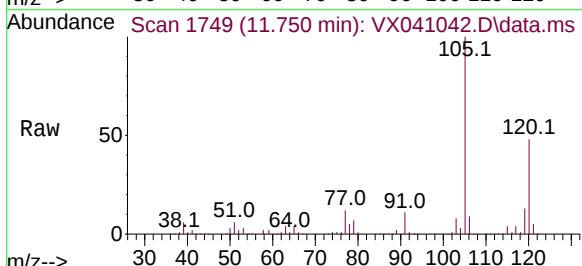
Acq: 12 Apr 2024 19:47

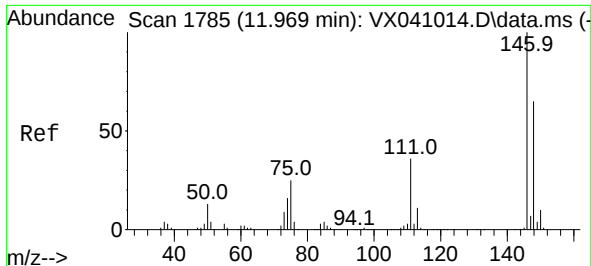
Tgt Ion:105 Resp: 393173

Ion Ratio Lower Upper

105 100

120 48.0 37.8 56.6





#64

1,3-Dichlorobenzene

Concen: 48.547 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

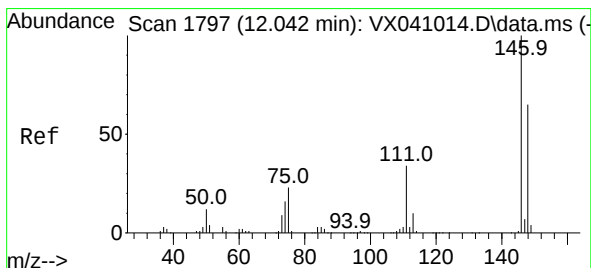
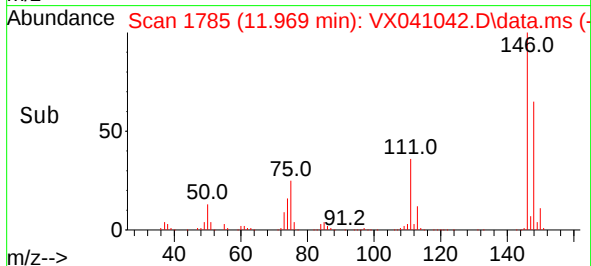
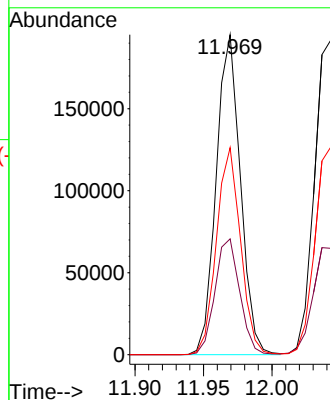
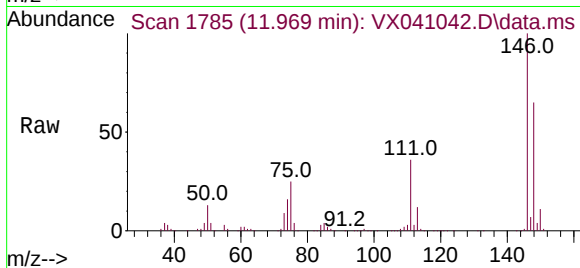
Tgt Ion:146 Resp: 239825

Ion Ratio Lower Upper

146 100

111 36.2 25.3 47.1

148 64.7 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 48.975 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

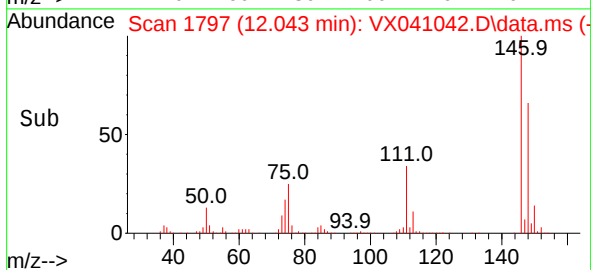
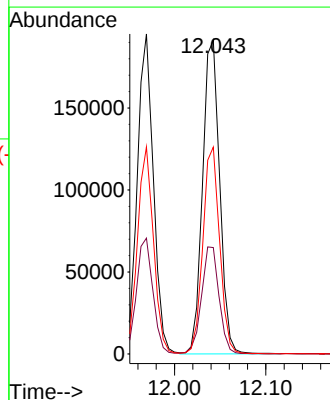
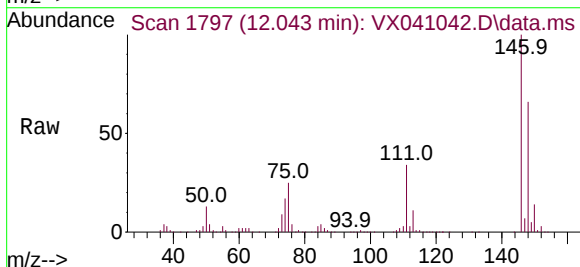
Tgt Ion:146 Resp: 248367

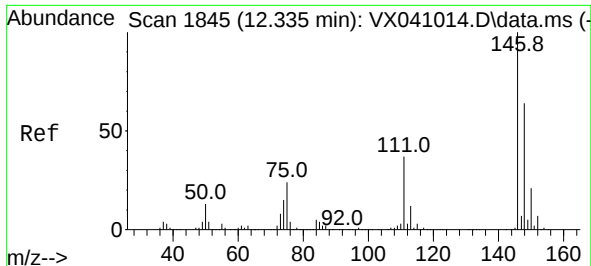
Ion Ratio Lower Upper

146 100

111 33.9 23.4 43.6

148 65.9 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 49.682 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

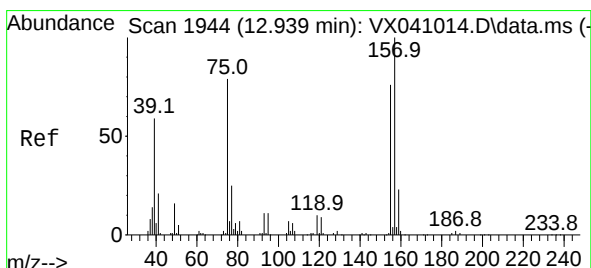
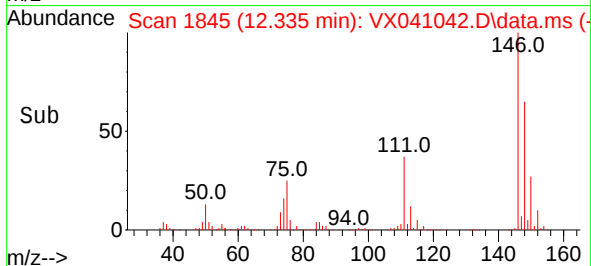
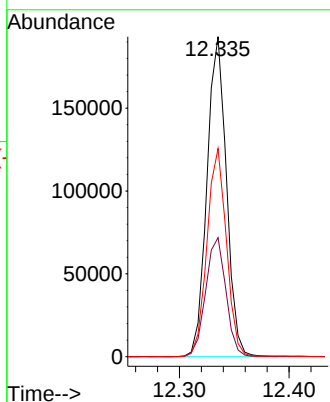
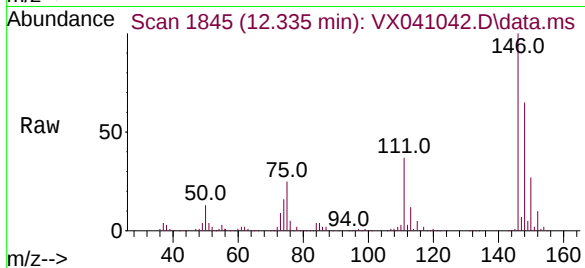
Tgt Ion:146 Resp: 238088

Ion Ratio Lower Upper

146 100

111 37.2 31.8 47.8

148 65.0 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 49.801 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

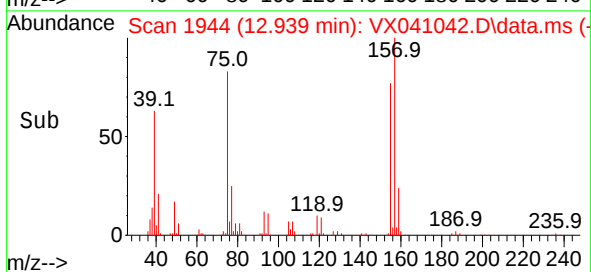
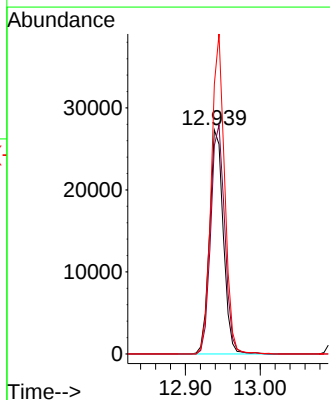
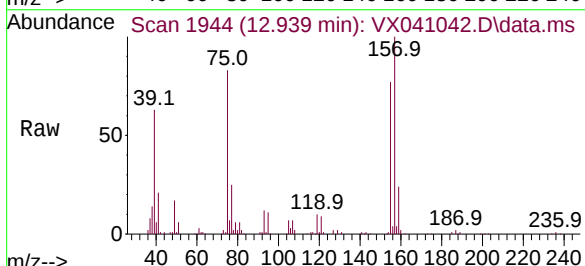
Tgt Ion: 75 Resp: 35022

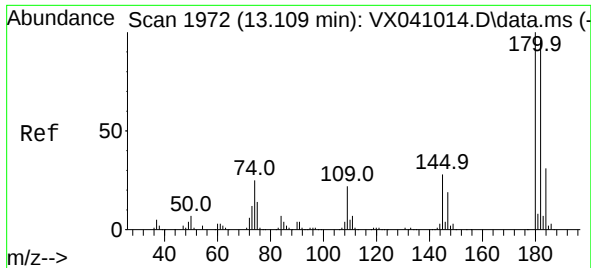
Ion Ratio Lower Upper

75 100

155 93.1 75.6 113.4

157 120.6 99.1 148.7





#69

1,3,5-Trichlorobenzene

Concen: 48.307 ug/L

RT: 13.115 min Scan# 1792

Delta R.T. 0.006 min

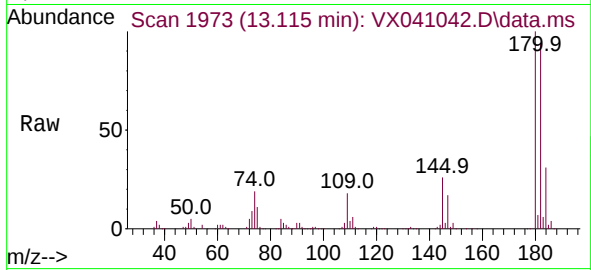
Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 182757

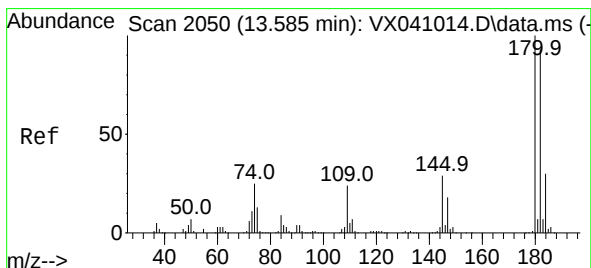
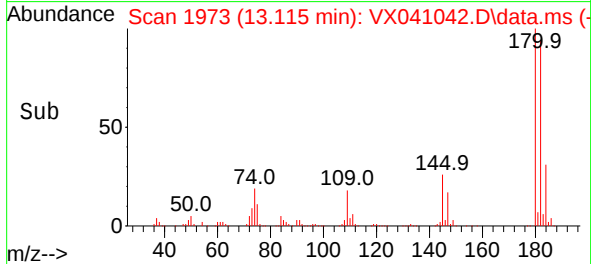
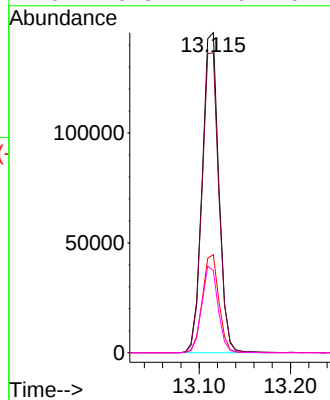
Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

184 30.6 24.4 36.6

145 26.8 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 46.258 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041042.D

Acq: 12 Apr 2024 19:47

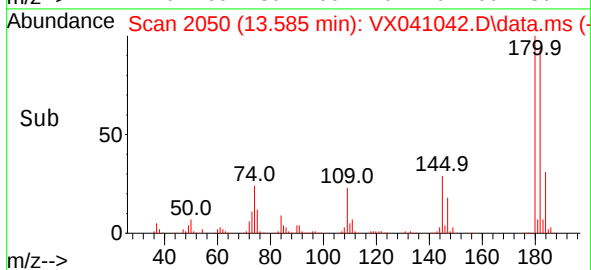
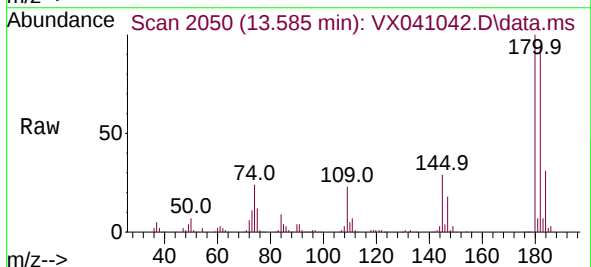
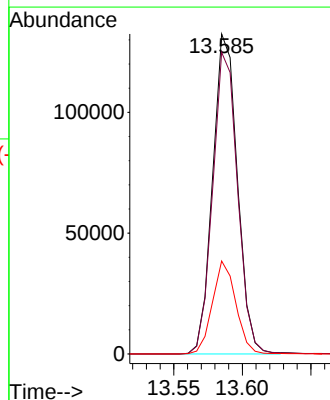
Tgt Ion:180 Resp: 165842

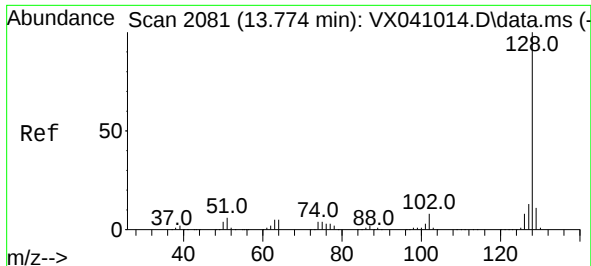
Ion Ratio Lower Upper

180 100

182 95.1 76.8 115.2

145 27.6 22.3 33.5

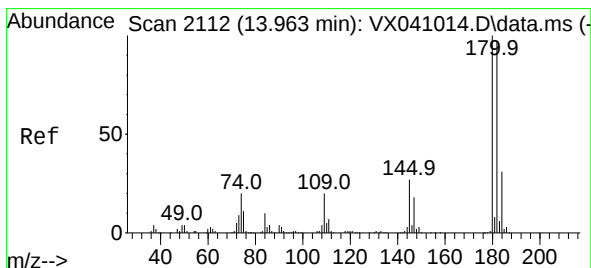
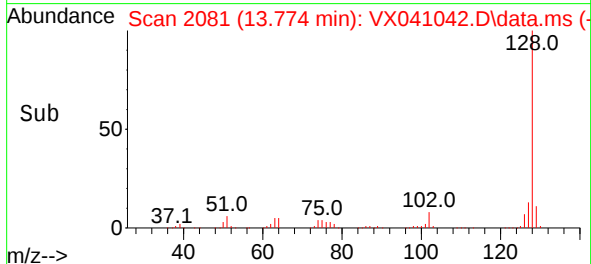
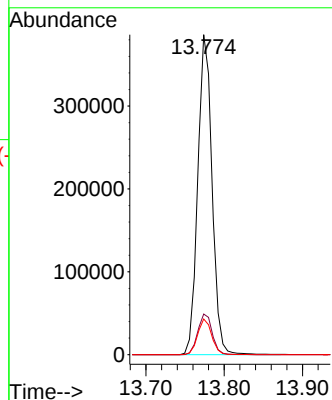
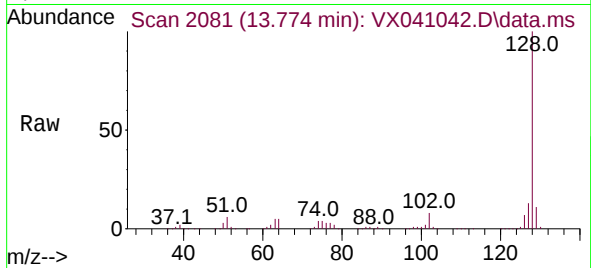




#71
Naphthalene
Concen: 49.844 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 489708
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.863 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041042.D
Acq: 12 Apr 2024 19:47

Tgt Ion:180 Resp: 171808
Ion Ratio Lower Upper
180 100
182 94.4 77.0 115.6
145 28.7 23.4 35.2

