

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041441.D
 Acq On : 09 May 2024 17:52
 Operator : JC/MD
 Sample : P2374-05MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 23:41:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	262691	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	247336	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	137863	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	68391	45.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.800%
7) Chloroethane-d5	1.648	69	54338	49.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.420%
11) 1,1-Dichloroethene-d2	2.294	65	38072	50.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.540%
21) 2-Butanone-d5	4.465	46	132977	119.720	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.720%
24) Chloroform-d	5.056	84	173466	52.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.300%
26) 1,2-Dichloroethane-d4	5.952	65	113458	47.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
32) Benzene-d6	5.970	84	329390	48.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
36) 1,2-Dichloropropane-d6	7.306	67	97970	48.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	8.647	98	308729	44.238	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	8.952	79	48000	47.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.440%
47) 2-Hexanone-d5	9.384	63	100586	107.515	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.520%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157855	49.961	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.920%
66) 1,2-Dichlorobenzene-d4	12.317	152	143291	50.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87192	48.209	ug/L	100
3) Chloromethane	1.301	50	75677	49.061	ug/L	100
5) Vinyl chloride	1.374	62	78363	49.322	ug/L	98
6) Bromomethane	1.599	94	53405	48.225	ug/L	100
8) Chloroethane	1.666	64	47565	52.285	ug/L	100
9) Trichlorofluoromethane	1.868	101	138707	49.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	89884	52.312	ug/L	99
12) 1,1-Dichloroethene	2.306	96	80367	52.657	ug/L	98
13) Acetone	2.392	43	94532	82.895	ug/L	99
14) Carbon disulfide	2.502	76	186780	50.771	ug/L	100
15) Methyl Acetate	2.709	43	102796	53.411	ug/L	99
16) Methylene chloride	2.788	84	90369	53.350	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	81221	51.784	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	283084	52.899	ug/L	99
19) 1,1-Dichloroethane	3.605	63	154623	53.238	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	95396	52.688	ug/L	98
22) 2-Butanone	4.568	43	142405	100.008	ug/L	99
23) Bromochloromethane	4.897	128	51155	53.091	ug/L	99
25) Chloroform	5.093	83	165299	52.708	ug/L	96

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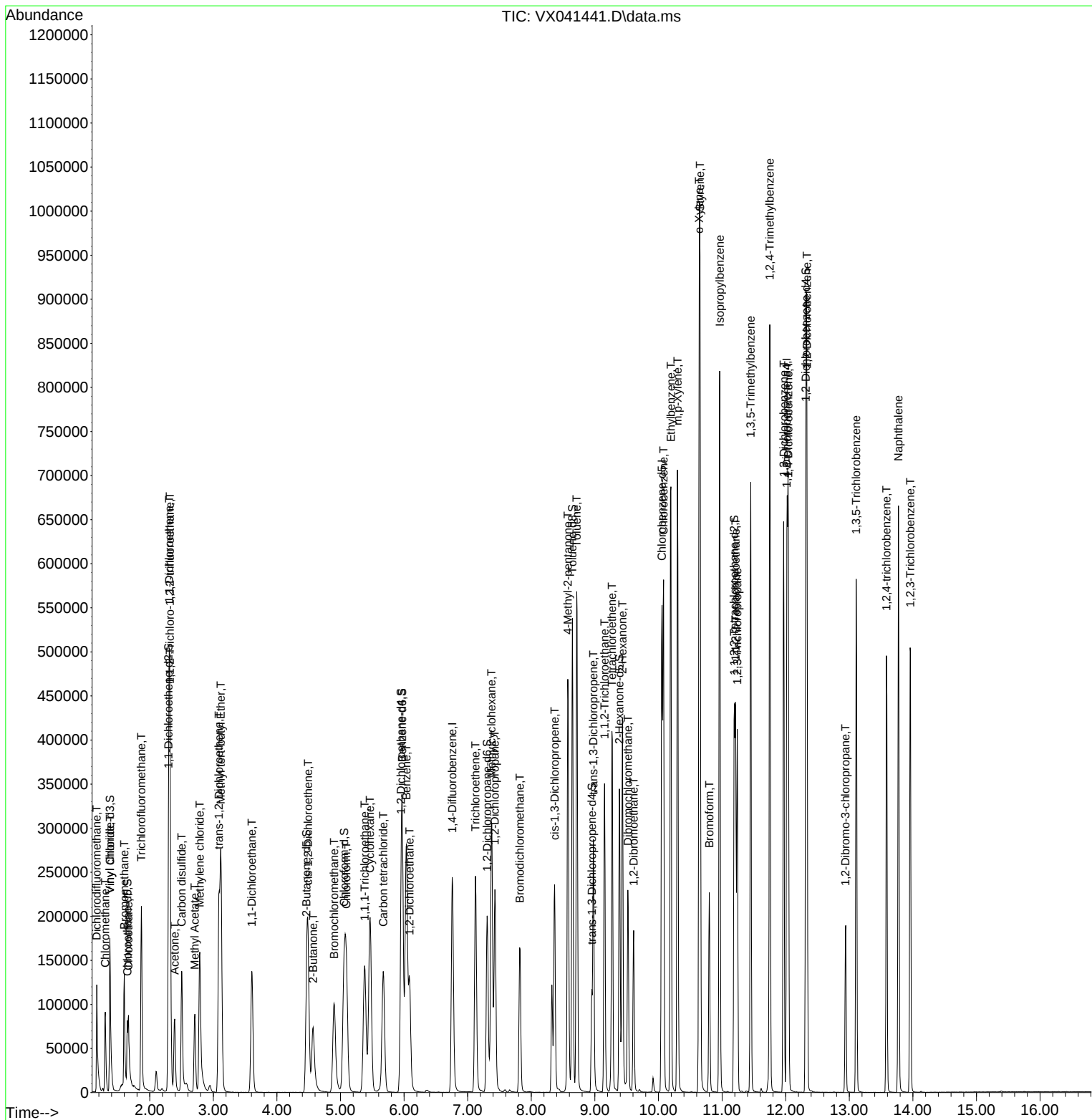
Instrument :
 MSVOA_X
 ClientSampleId :

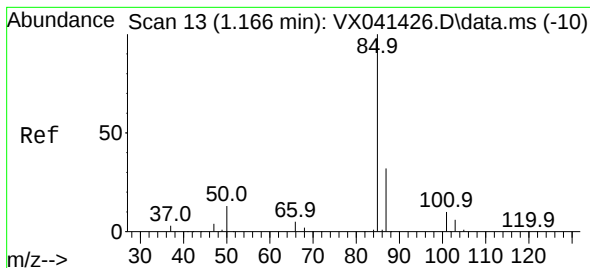
Quant Time: May 09 23:41:54 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	139195	53.264	ug/L	98
29) Cyclohexane	5.464	56	136076	49.478	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	145424	49.952	ug/L	99
31) Carbon tetrachloride	5.672	117	127364	49.281	ug/L	99
33) Benzene	6.037	78	339829	49.104	ug/L	100
34) Trichloroethene	7.123	95	91812	48.433	ug/L	97
35) Methylcyclohexane	7.373	83	140027	47.670	ug/L	98
37) 1,2-Dichloropropane	7.427	63	88286	50.660	ug/L	100
38) Bromodichloromethane	7.818	83	100150	42.516	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	119308	41.340	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	284337	101.381	ug/L	99
42) Toluene	8.714	91	368595	48.807	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	131452	48.844	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	94328	48.949	ug/L	99
46) Tetrachloroethene	9.269	164	85015	46.861	ug/L	98
48) 2-Hexanone	9.433	43	227012	101.032	ug/L	99
49) Dibromochloromethane	9.519	129	99215	50.931	ug/L	99
50) 1,2-Dibromoethane	9.610	107	102945	51.344	ug/L	100
51) Chlorobenzene	10.079	112	254552	50.544	ug/L	97
52) Ethylbenzene	10.195	91	417485	50.383	ug/L	98
53) m,p-Xylene	10.299	106	166819	50.330	ug/L	99
54) o-Xylene	10.640	106	167157	49.490	ug/L	98
55) Styrene	10.653	104	279520	49.554	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	156192	48.848	ug/L	99
59) Bromoform	10.799	173	84364	52.292	ug/L	100
60) Isopropylbenzene	10.963	105	437311	51.990	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	122289	51.890	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	292667	51.499	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	363448	52.785	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	218966	51.169	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	221364	50.818	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	223940	50.535	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	34492	54.391	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	152713	47.813	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	127941	43.866	ug/L	99
71) Naphthalene	13.774	128	400074	45.957	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	134593	44.257	ug/L	99

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

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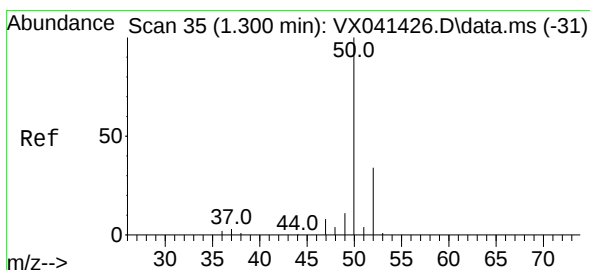
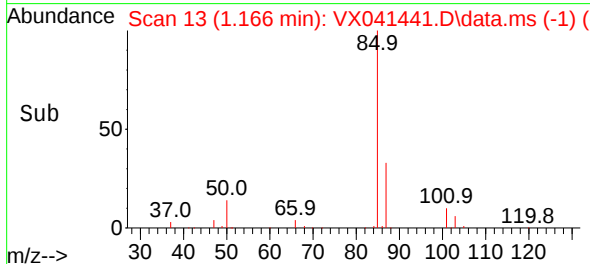
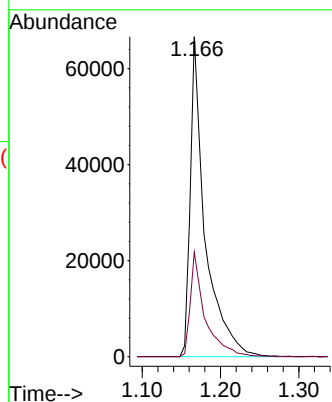
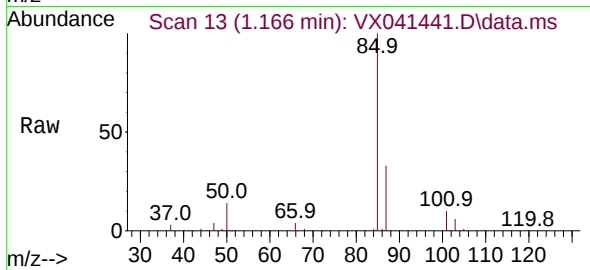




#2
Dichlorodifluoromethane
Concen: 48.209 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

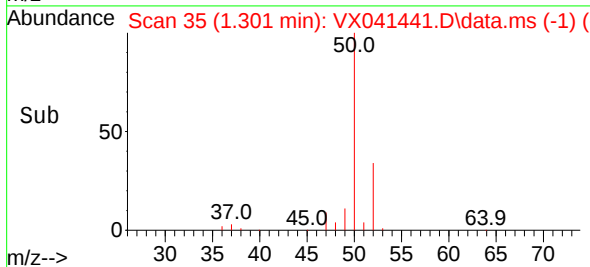
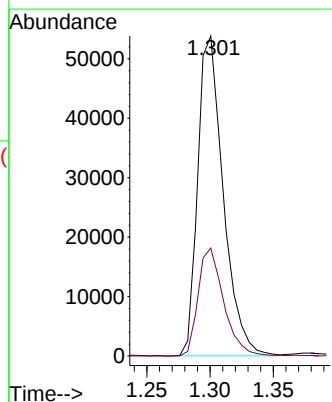
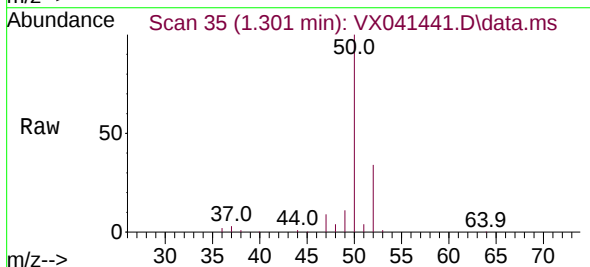
Instrument :
MSVOA_X
ClientSampleId :

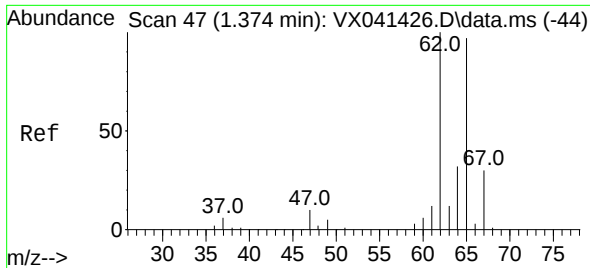
Tgt Ion: 85 Resp: 87192
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.2



#3
Chloromethane
Concen: 49.061 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

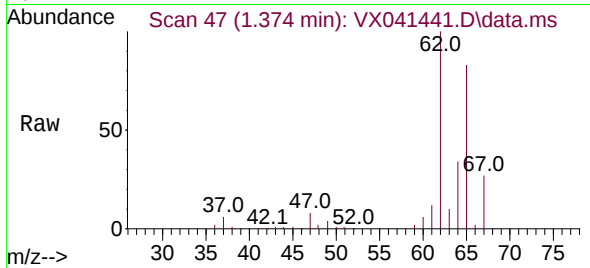
Tgt Ion: 50 Resp: 75677
Ion Ratio Lower Upper
50 100
52 33.7 23.7 44.1



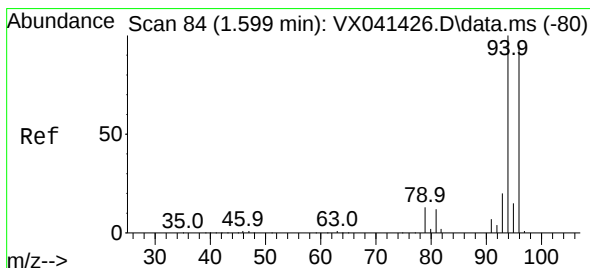
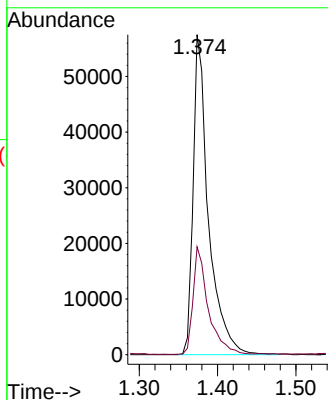
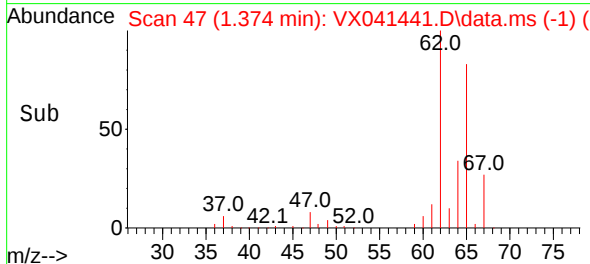


#5
Vinyl chloride
Concen: 49.322 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :

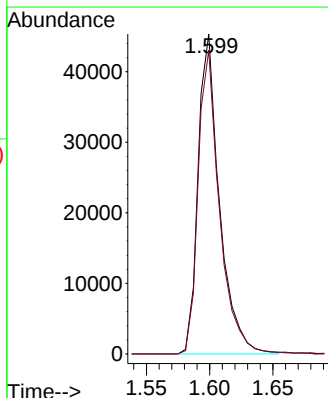
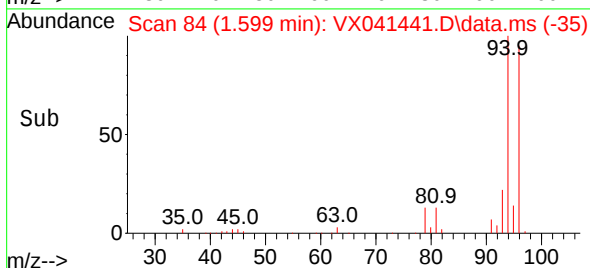
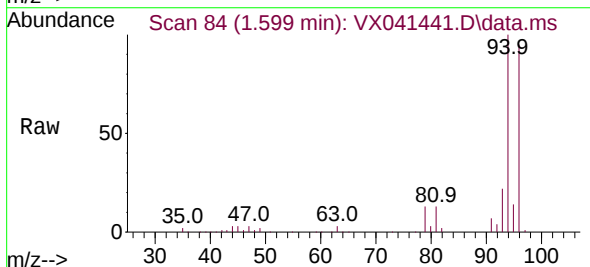


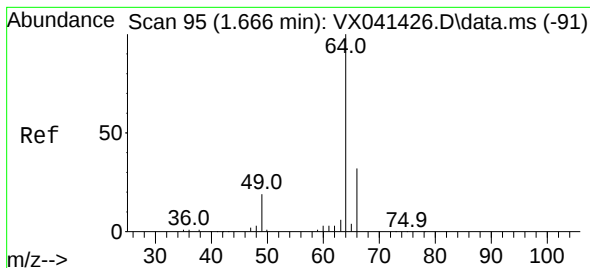
Tgt Ion: 62 Resp: 78363
Ion Ratio Lower Upper
62 100
64 33.7 22.7 42.1



#6
Bromomethane
Concen: 48.225 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion: 94 Resp: 53405
Ion Ratio Lower Upper
94 100
96 94.9 66.6 123.8





#8

Chloroethane

Concen: 52.285 ug/L

RT: 1.666 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

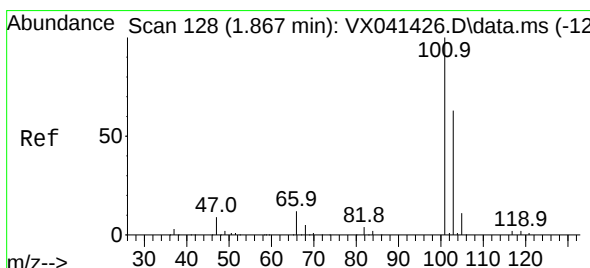
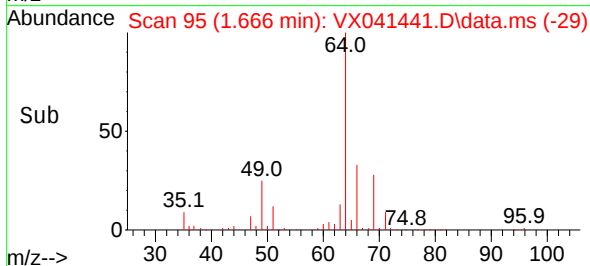
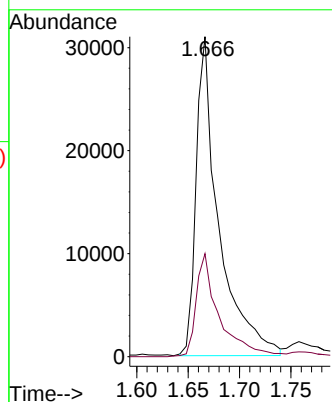
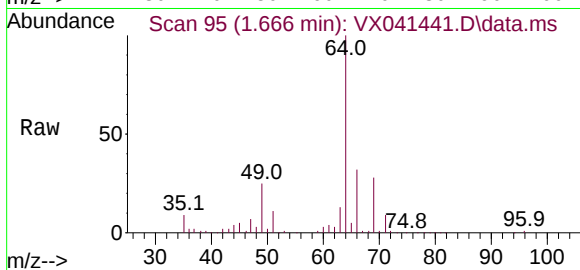
ClientSampleId :

Tgt Ion: 64 Resp: 47565

Ion Ratio Lower Upper

64 100

66 32.2 22.5 41.9



#9

Trichlorofluoromethane

Concen: 49.584 ug/L

RT: 1.868 min Scan# 128

Delta R.T. 0.000 min

Lab File: VX041441.D

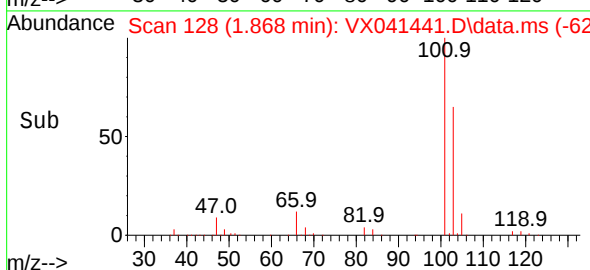
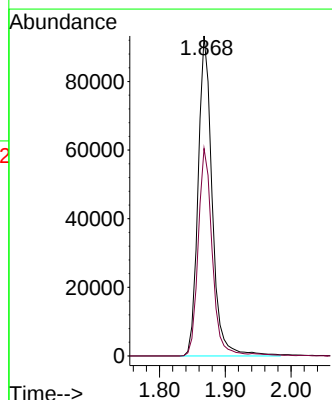
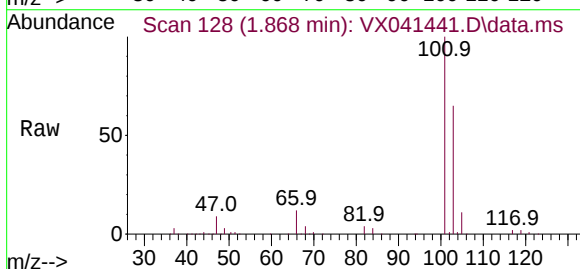
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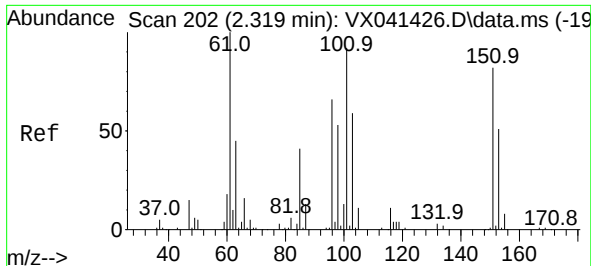
Tgt Ion:101 Resp: 138707

Ion Ratio Lower Upper

101 100

103 64.2 51.7 77.5

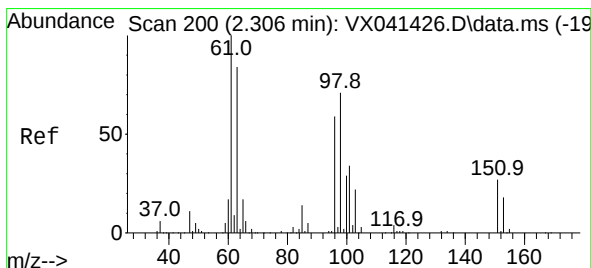
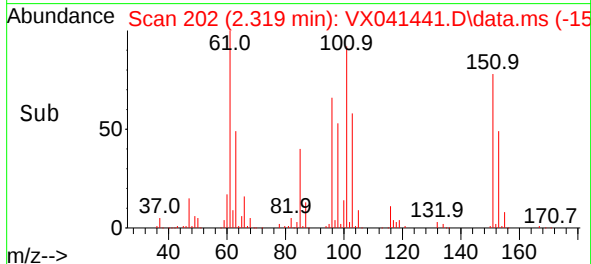
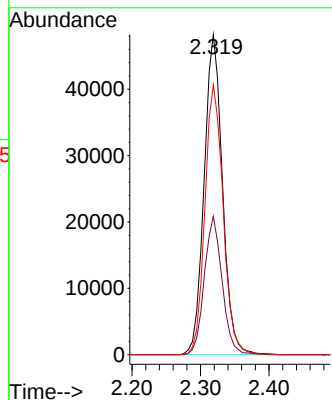
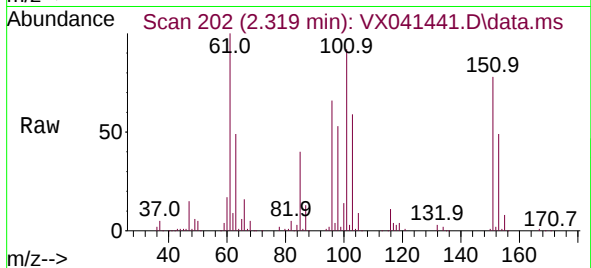




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.312 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

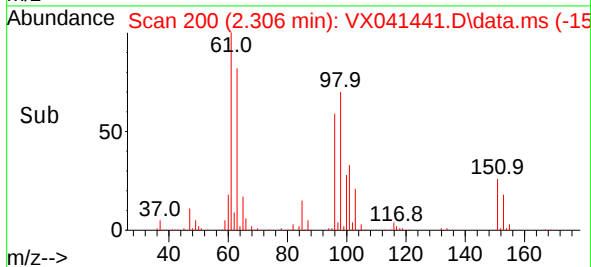
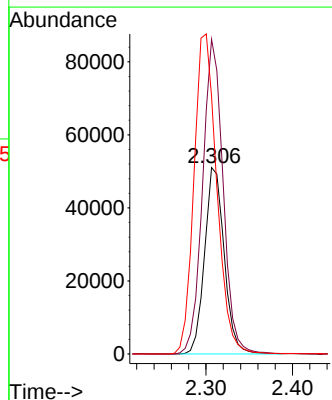
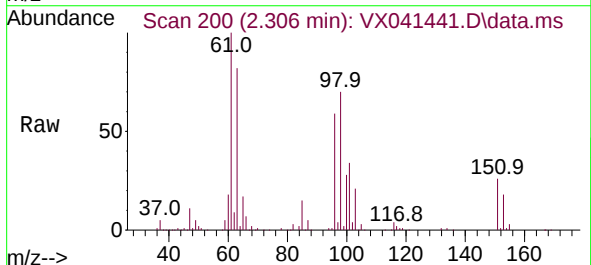
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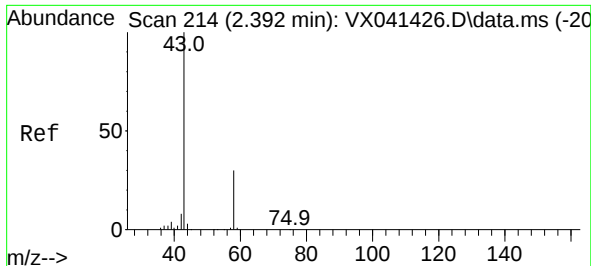
Tgt Ion:101 Resp: 89884
Ion Ratio Lower Upper
101 100
85 41.8 33.4 50.2
151 84.1 68.7 103.1



#12
1,1-Dichloroethene
Concen: 52.657 ug/L
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

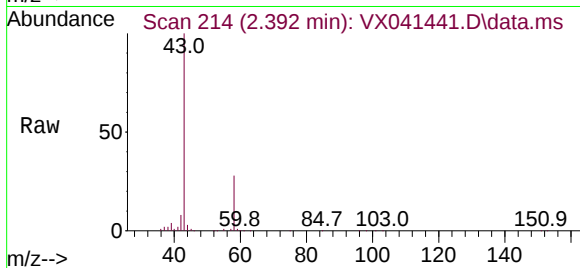
Tgt Ion: 96 Resp: 80367
Ion Ratio Lower Upper
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61 168.8 119.3 221.7
63 138.1 100.0 185.8



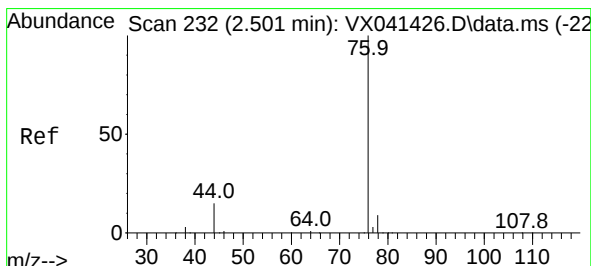
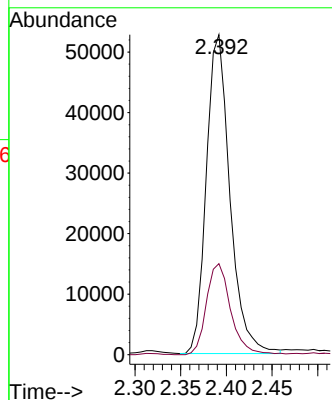
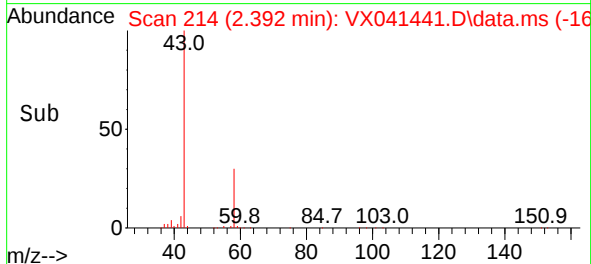


#13
Acetone
Concen: 82.895 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :

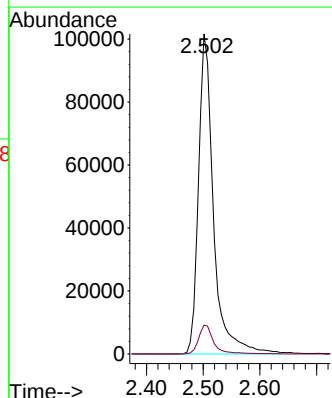
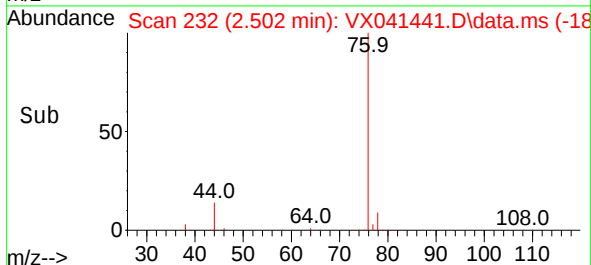
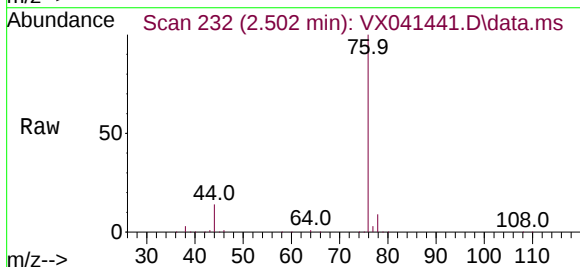


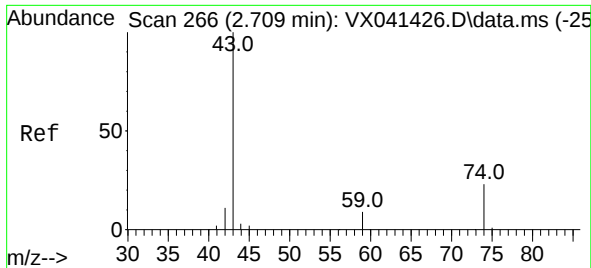
Tgt Ion: 43 Resp: 94532
Ion Ratio Lower Upper
43 100
58 29.4 0.0 58.0



#14
Carbon disulfide
Concen: 50.771 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion: 76 Resp: 186780
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 53.411 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

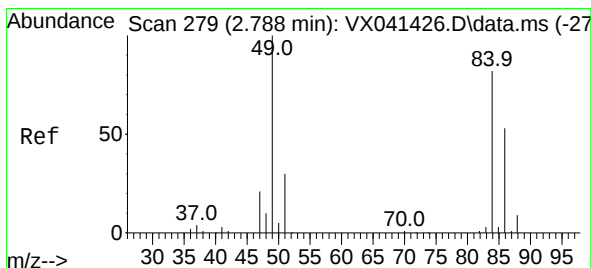
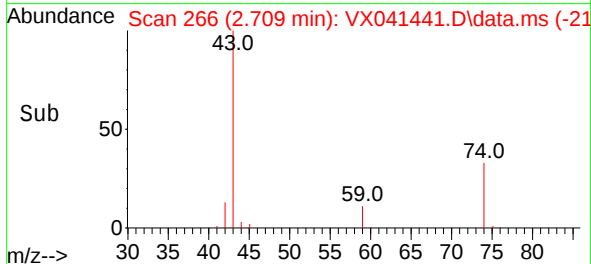
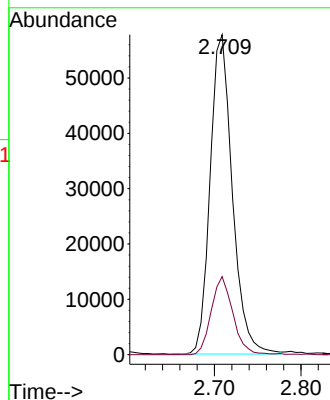
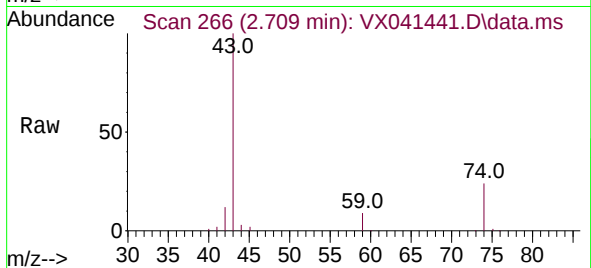
ClientSampleId :

Tgt Ion: 43 Resp: 102796

Ion Ratio Lower Upper

43 100

74 23.8 18.5 27.7



#16

Methylene chloride

Concen: 53.350 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

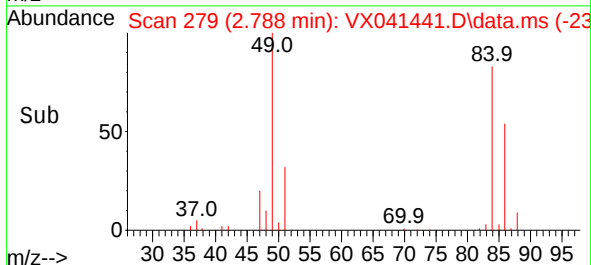
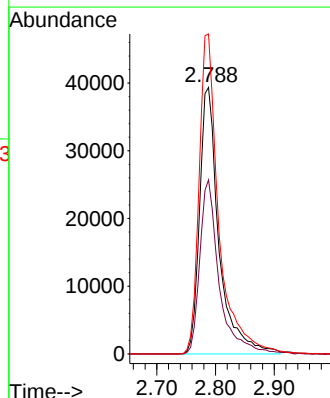
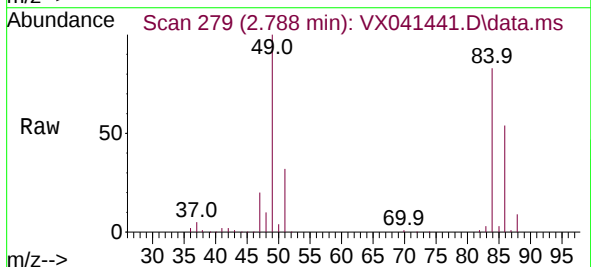
Tgt Ion: 84 Resp: 90369

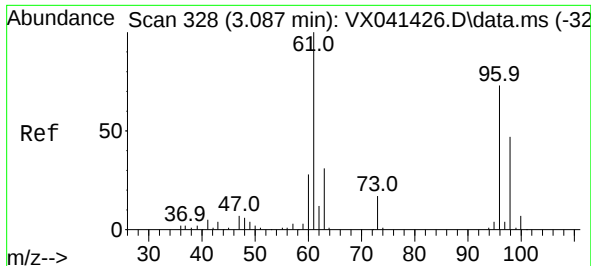
Ion Ratio Lower Upper

84 100

86 65.3 44.9 83.5

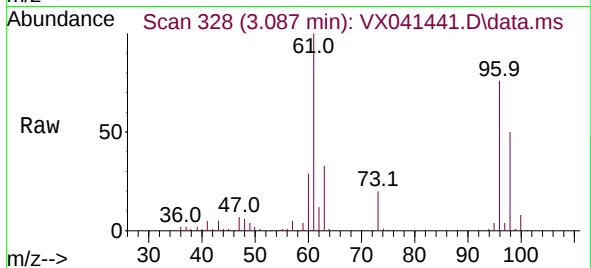
49 120.0 85.5 158.7





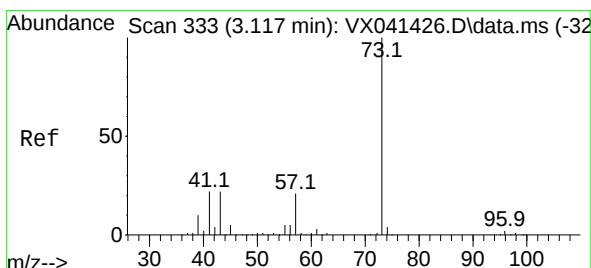
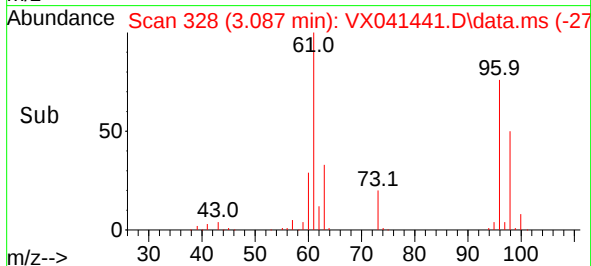
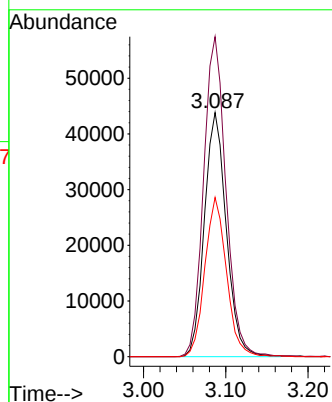
#17
trans-1,2-Dichloroethene
Concen: 51.784 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 81221

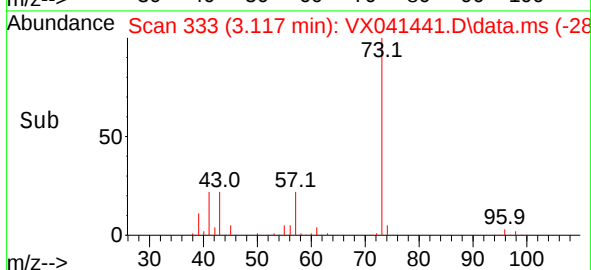
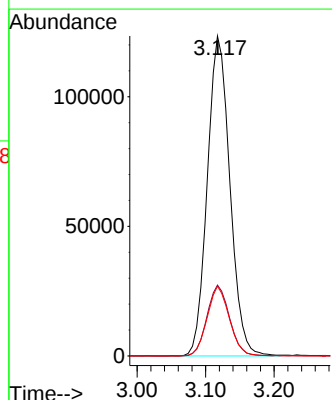
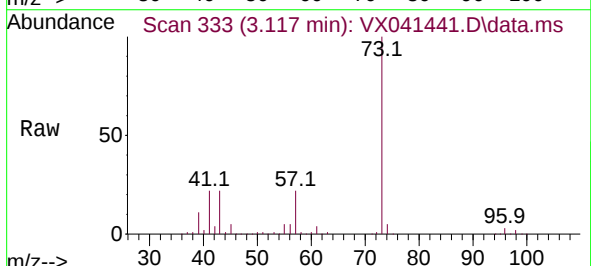
Ion	Ratio	Lower	Upper
96	100		
61	131.1	95.8	177.8
98	65.2	44.9	83.5

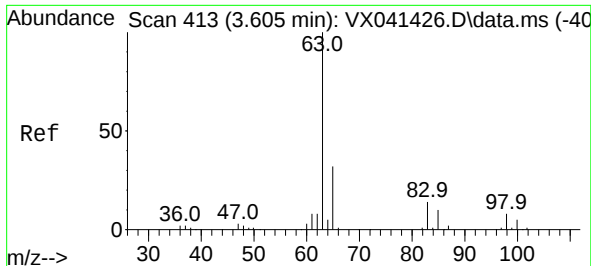


#18
Methyl tert-butyl Ether
Concen: 52.899 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion: 73 Resp: 283084

Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.4	26.0
57	21.4	16.7	25.1





#19

1,1-Dichloroethane

Concen: 53.238 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

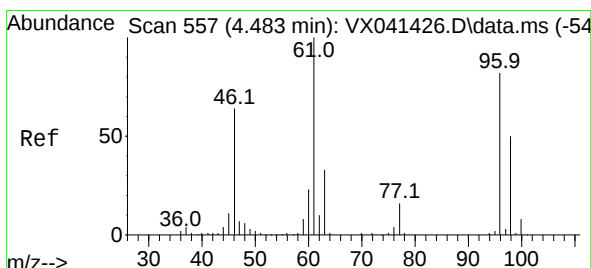
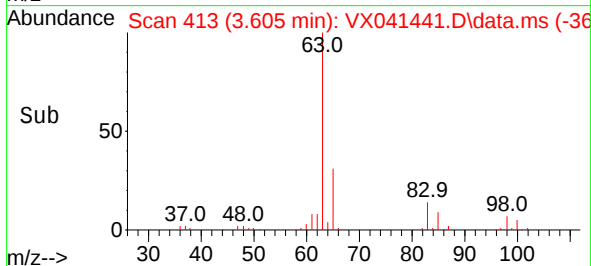
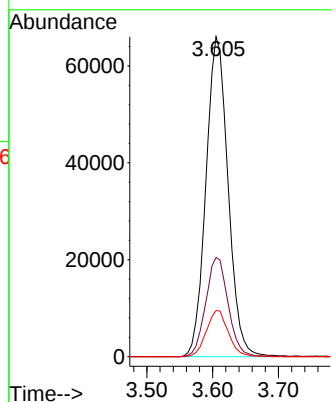
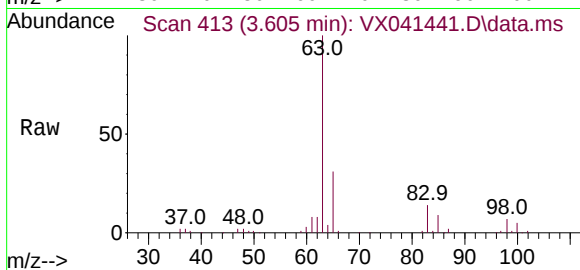
Tgt Ion: 63 Resp: 154623

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 14.4 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.688 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

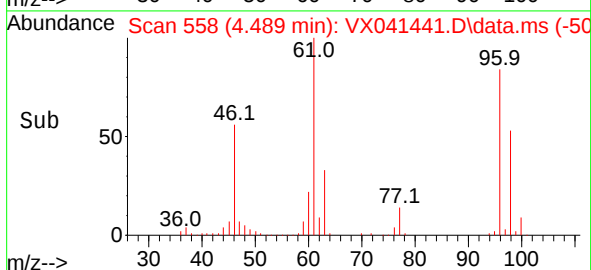
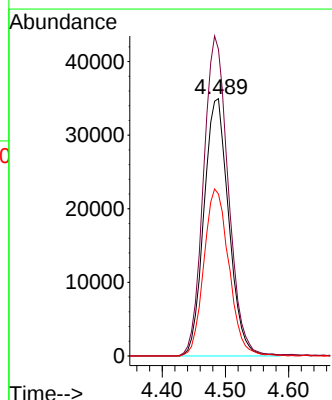
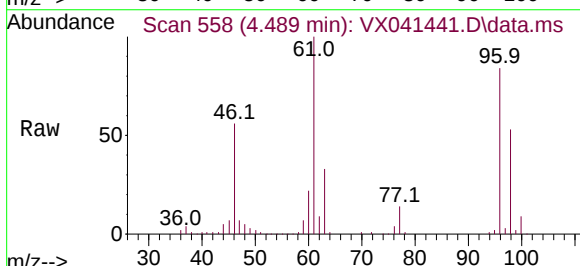
Tgt Ion: 96 Resp: 95396

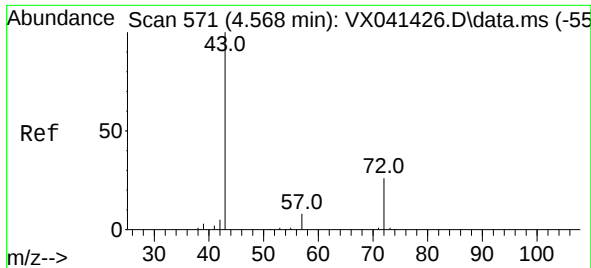
Ion Ratio Lower Upper

96 100

61 119.3 85.5 158.9

98 63.0 43.0 80.0

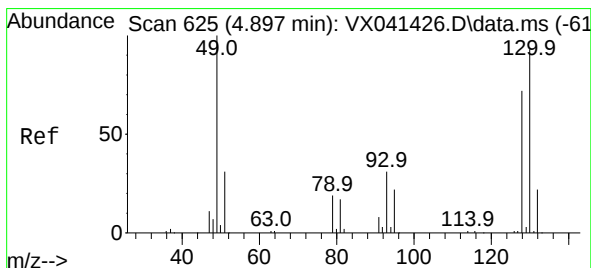
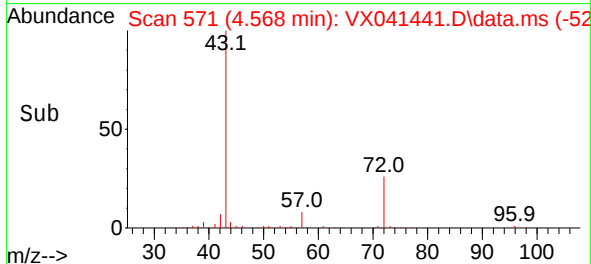
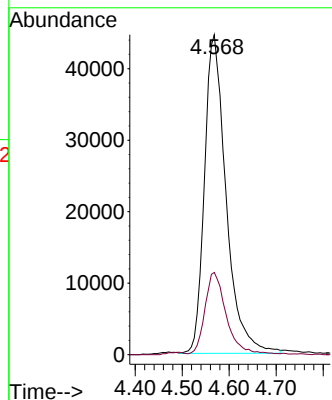
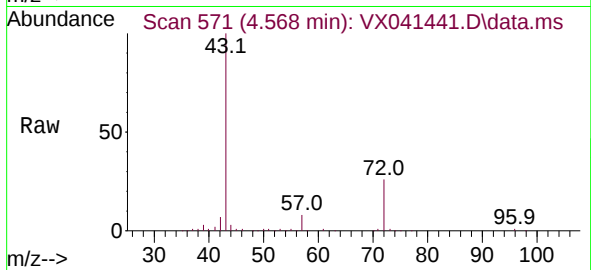




#22
2-Butanone
Concen: 100.008 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

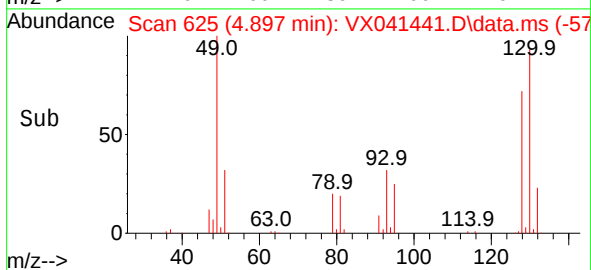
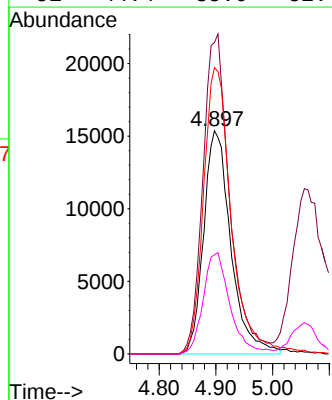
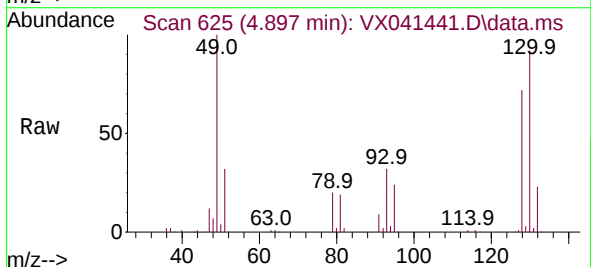
Instrument :
MSVOA_X
ClientSampleId :

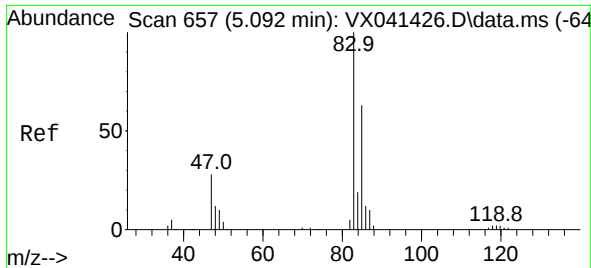
Tgt Ion: 43 Resp: 142405
Ion Ratio Lower Upper
43 100
72 24.3 12.4 37.4



#23
Bromochloromethane
Concen: 53.091 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion:128 Resp: 51155
Ion Ratio Lower Upper
128 100
49 139.4 97.7 181.5
130 128.3 90.5 168.1
51 44.4 35.0 52.4





#25

Chloroform

Concen: 52.708 ug/L

RT: 5.093 min Scan# 60

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

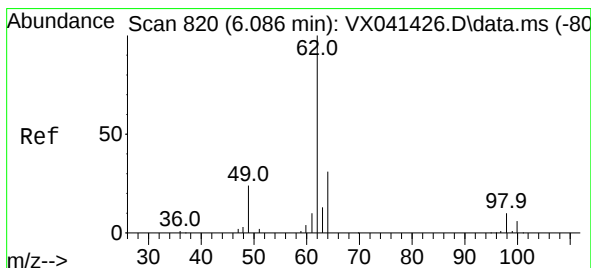
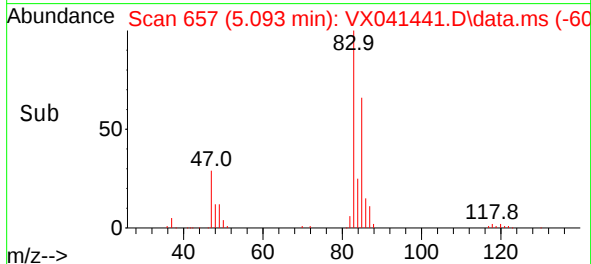
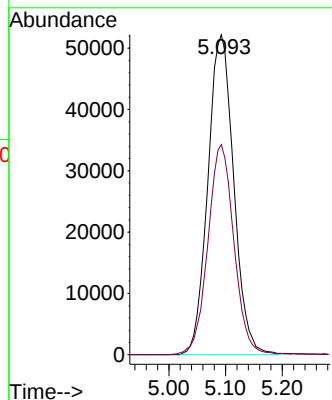
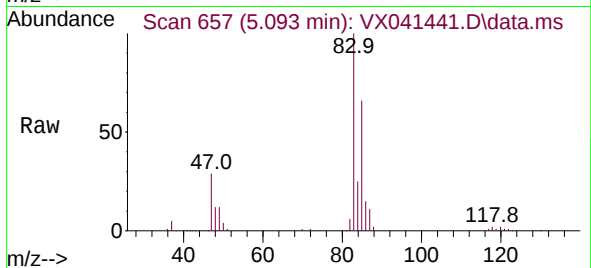
ClientSampleId :

Tgt Ion: 83 Resp: 165299

Ion Ratio Lower Upper

83 100

85 65.7 43.8 81.4



#27

1,2-Dichloroethane

Concen: 53.264 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX041441.D

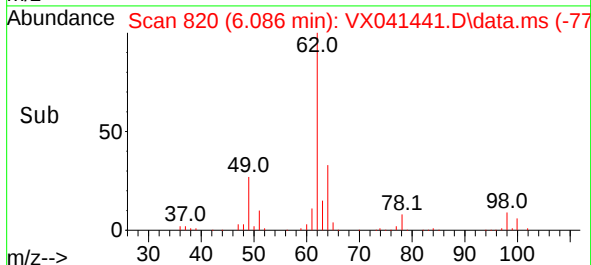
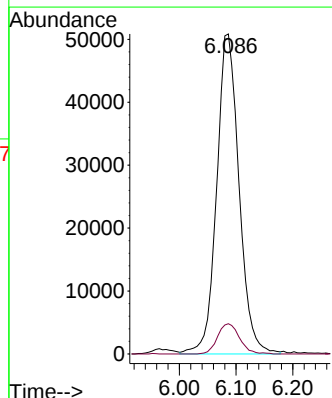
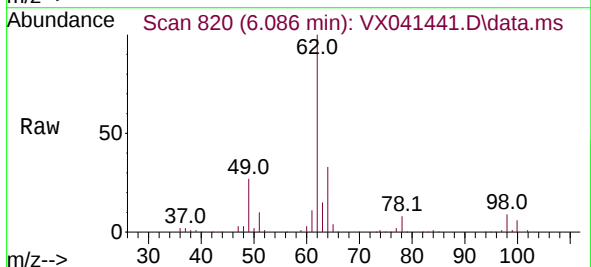
Acq: 09 May 2024 17:52

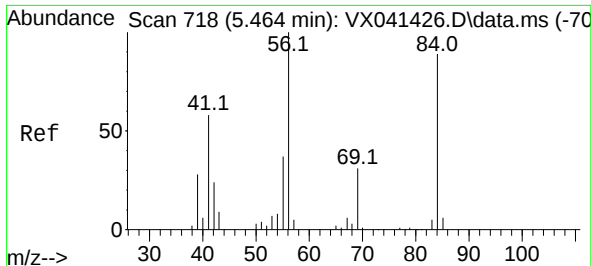
Tgt Ion: 62 Resp: 139195

Ion Ratio Lower Upper

62 100

98 9.5 8.2 12.2





#29

Cyclohexane

Concen: 49.478 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

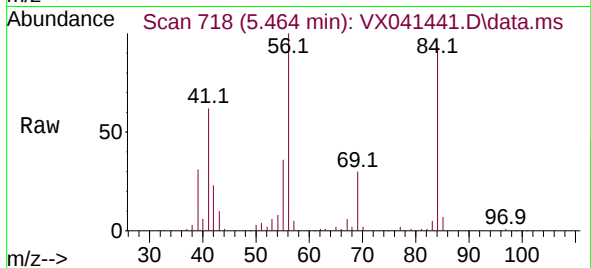
Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :



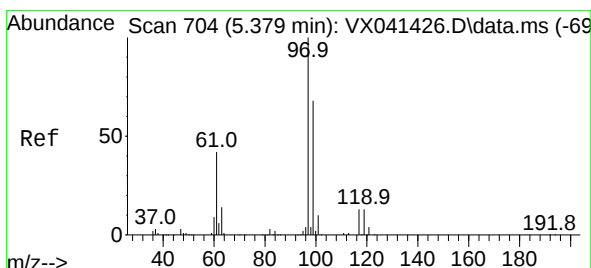
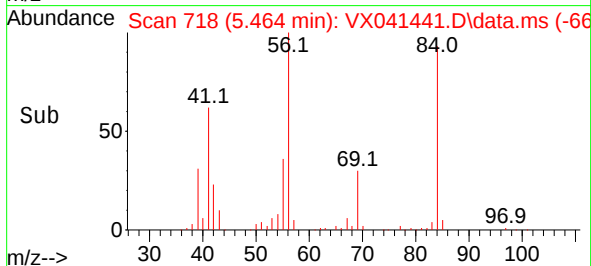
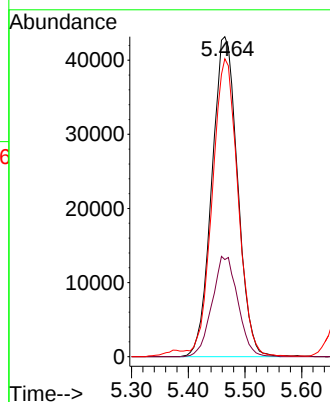
Tgt Ion: 56 Resp: 136076

Ion Ratio Lower Upper

56 100

69 31.4 25.0 37.6

84 91.8 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 49.952 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

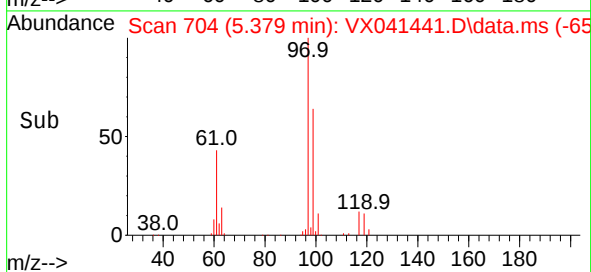
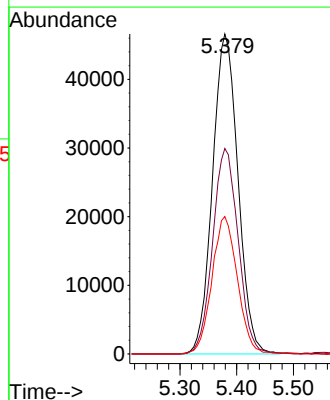
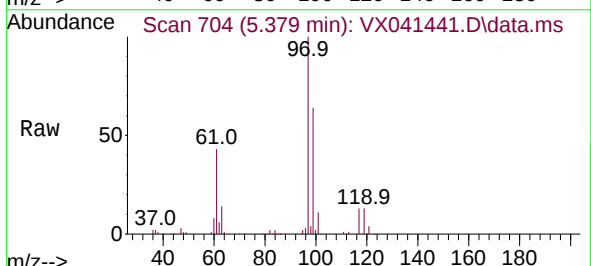
Tgt Ion: 97 Resp: 145424

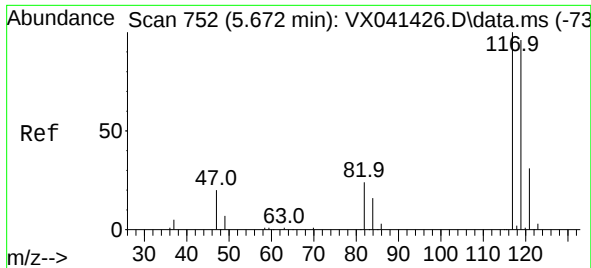
Ion Ratio Lower Upper

97 100

99 64.4 52.2 78.2

61 42.8 34.6 51.8

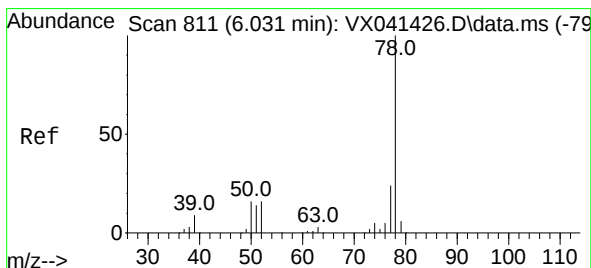
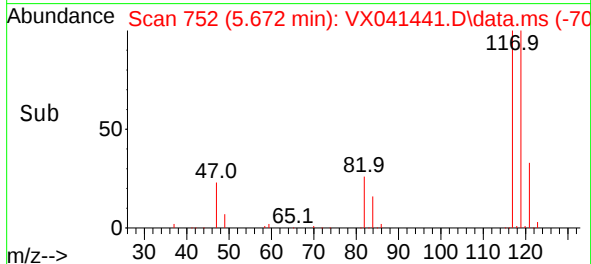
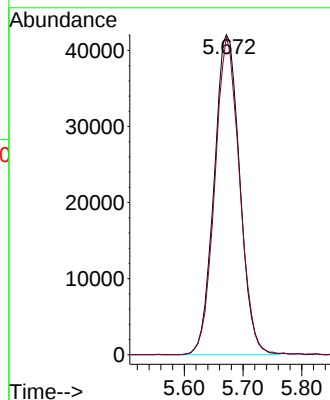
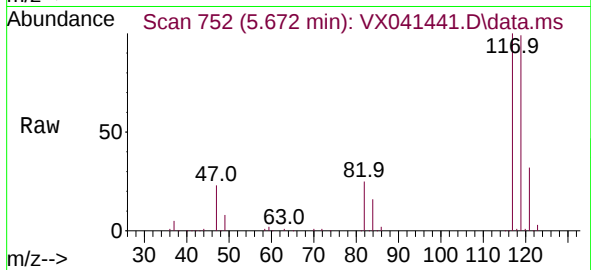




#31
Carbon tetrachloride
Concen: 49.281 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

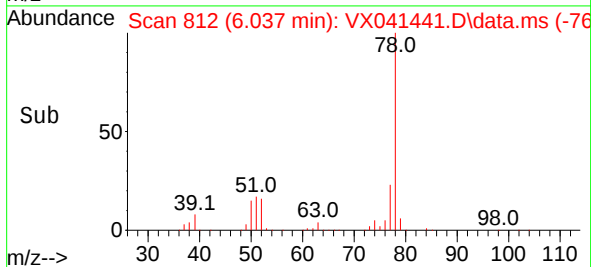
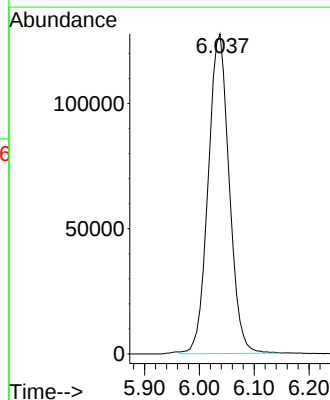
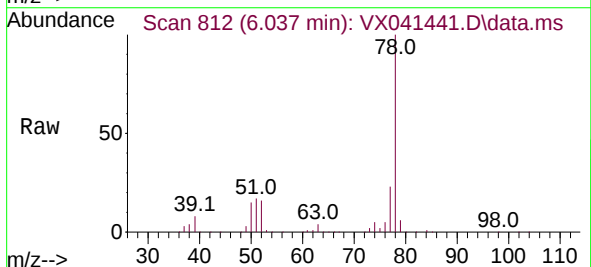
Instrument :
MSVOA_X
ClientSampleId :

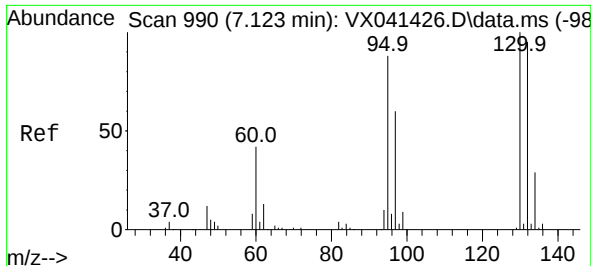
Tgt Ion:117 Resp: 127364
Ion Ratio Lower Upper
117 100
119 96.0 76.3 114.5



#33
Benzene
Concen: 49.104 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion: 78 Resp: 339829





#34

Trichloroethene

Concen: 48.433 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

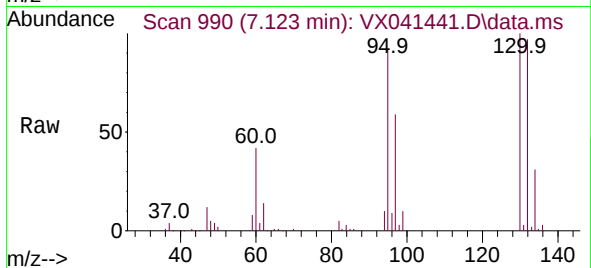
Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 91812

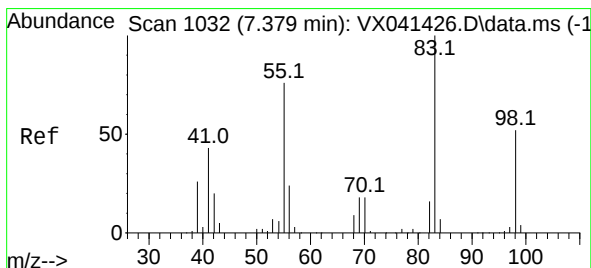
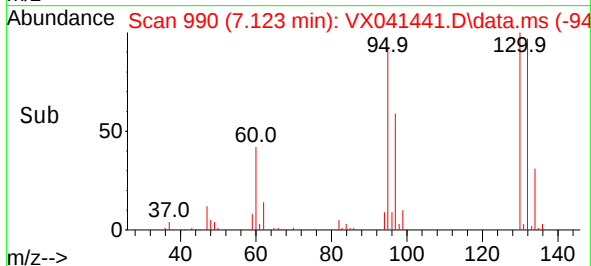
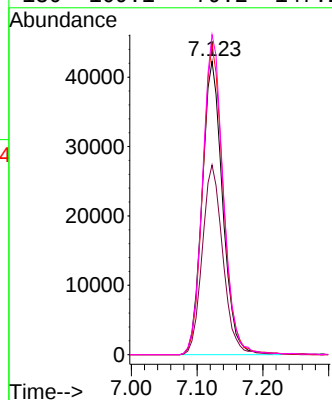
Ion Ratio Lower Upper

95 100

97 64.6 47.3 87.9

132 105.6 75.0 139.4

130 109.1 79.2 147.2



#35

Methylcyclohexane

Concen: 47.670 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

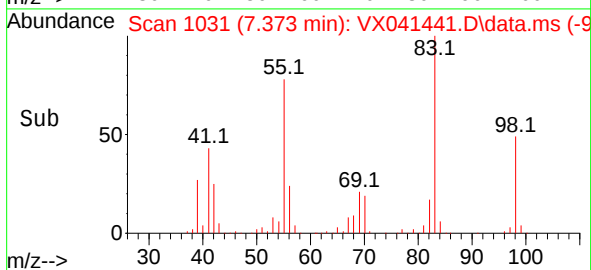
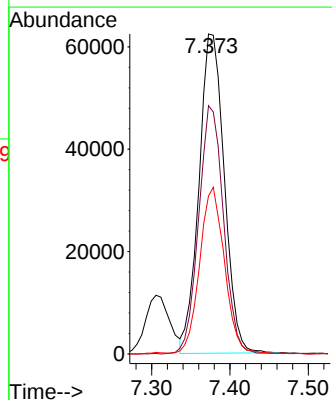
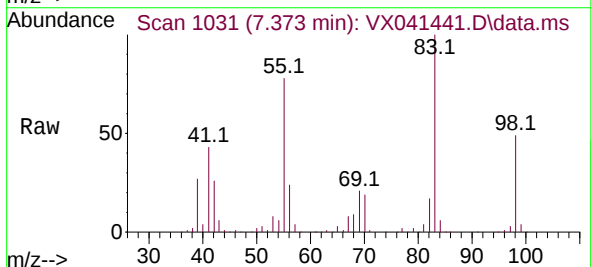
Tgt Ion: 83 Resp: 140027

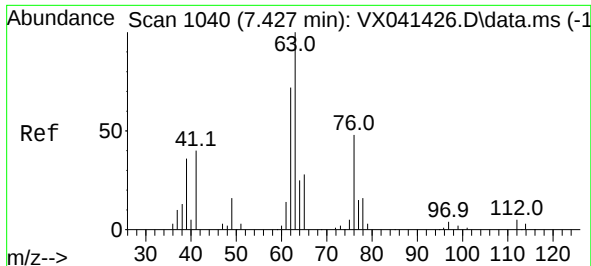
Ion Ratio Lower Upper

83 100

55 76.2 59.0 88.4

98 51.3 40.8 61.2





#37

1,2-Dichloropropane

Concen: 50.660 ug/L

RT: 7.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

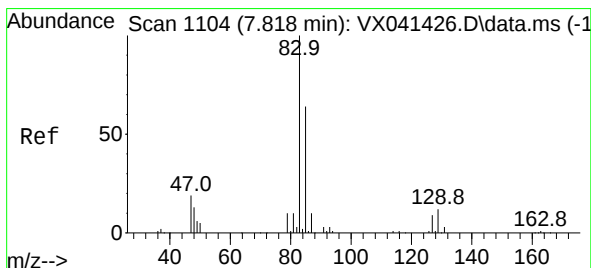
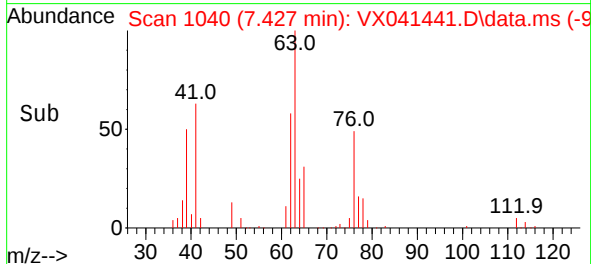
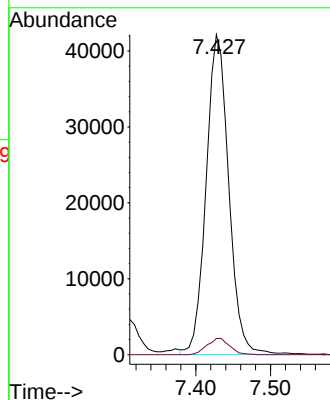
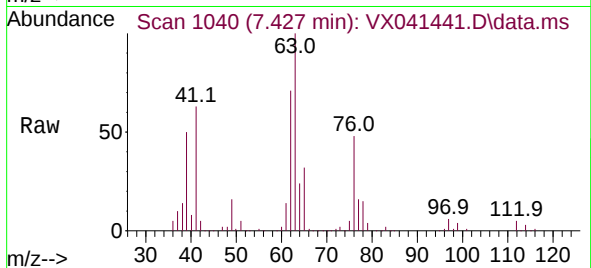
ClientSampleId :

Tgt Ion: 63 Resp: 88286

Ion Ratio Lower Upper

63 100

112 5.1 4.1 6.1



#38

Bromodichloromethane

Concen: 42.516 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

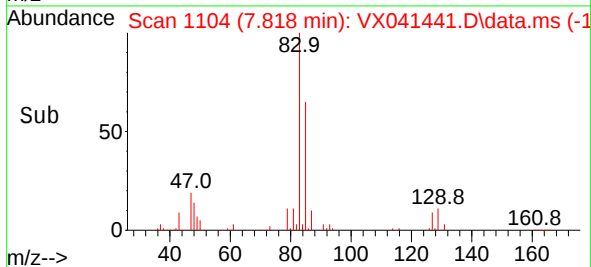
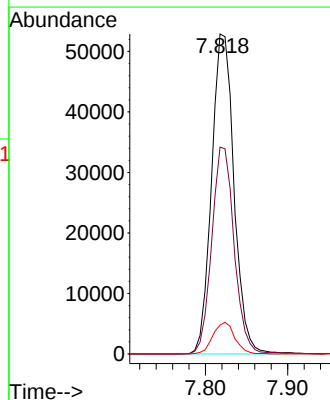
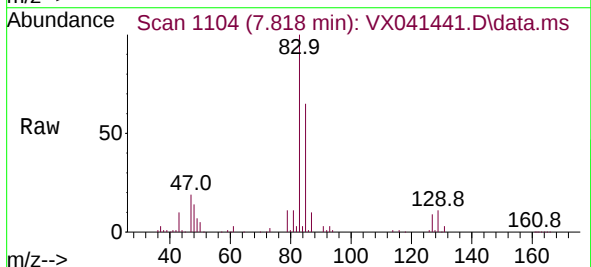
Tgt Ion: 83 Resp: 100150

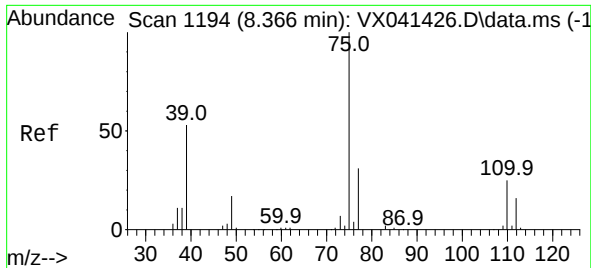
Ion Ratio Lower Upper

83 100

85 64.6 44.7 83.1

127 9.0 7.0 10.4

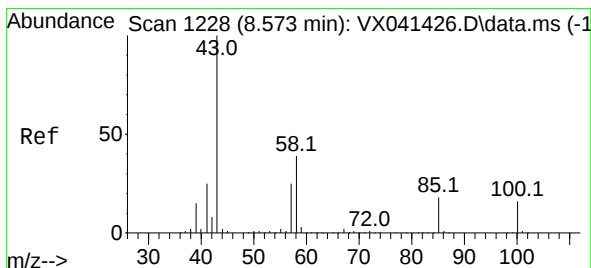
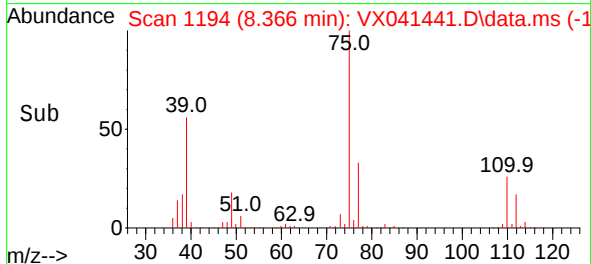
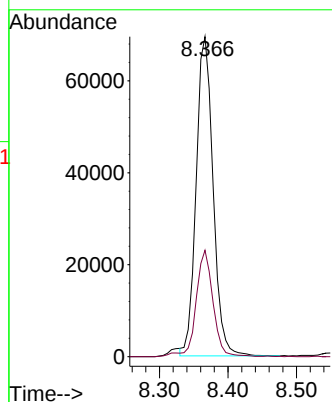
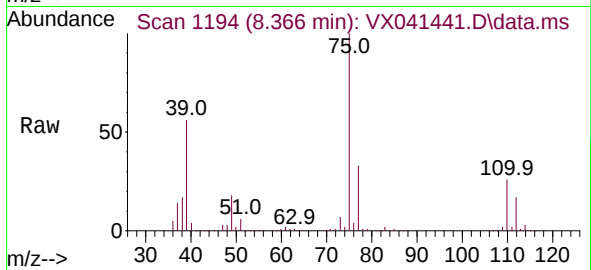




#39
cis-1,3-Dichloropropene
Concen: 41.340 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

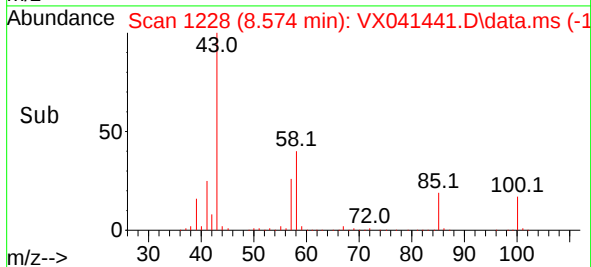
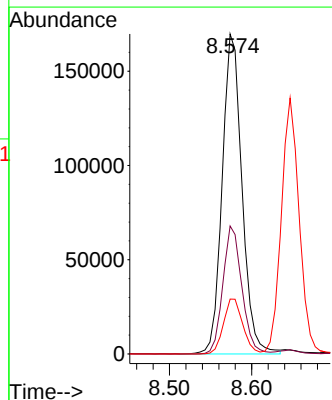
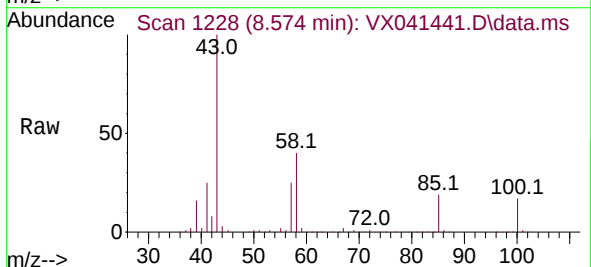
Instrument :
MSVOA_X
ClientSampleId :

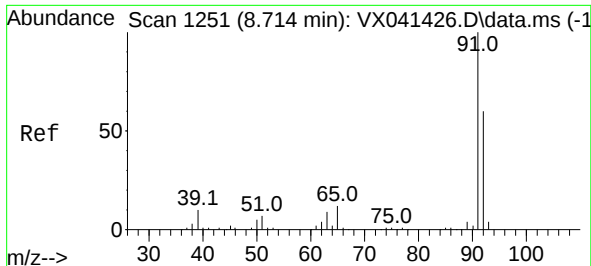
Tgt Ion: 75 Resp: 119308
Ion Ratio Lower Upper
75 100
77 33.2 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 101.381 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion: 43 Resp: 284337
Ion Ratio Lower Upper
43 100
58 38.3 30.9 46.3
100 16.7 13.6 20.4





#42

Toluene

Concen: 48.807 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

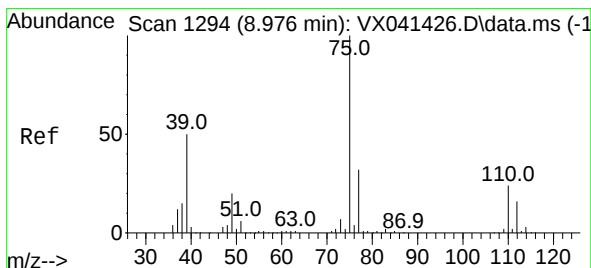
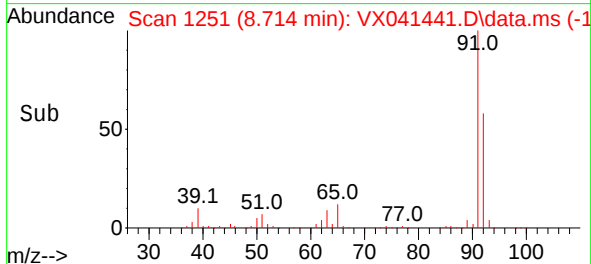
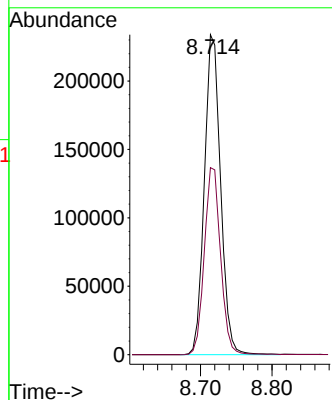
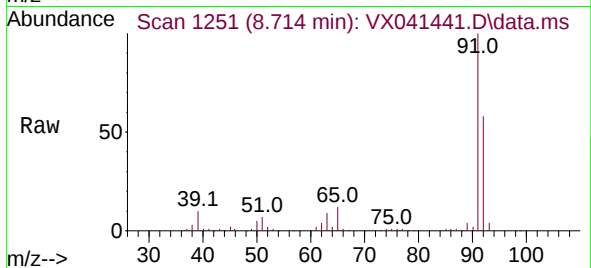
ClientSampleId :

Tgt Ion: 91 Resp: 368595

Ion Ratio Lower Upper

91 100

92 58.5 42.4 78.6



#44

trans-1,3-Dichloropropene

Concen: 48.844 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041441.D

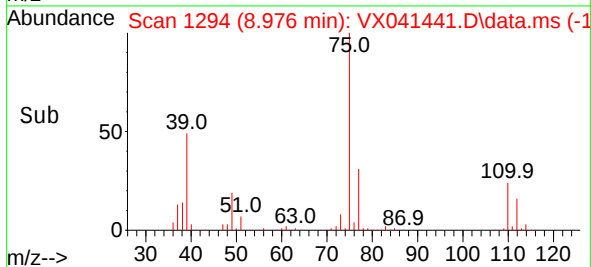
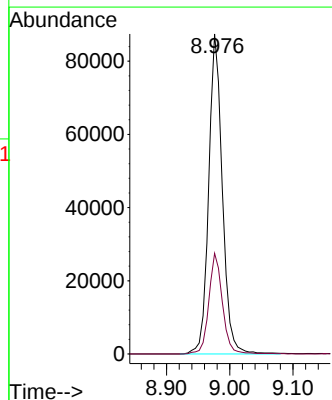
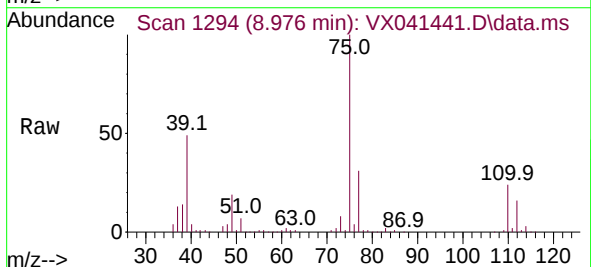
Acq: 09 May 2024 17:52

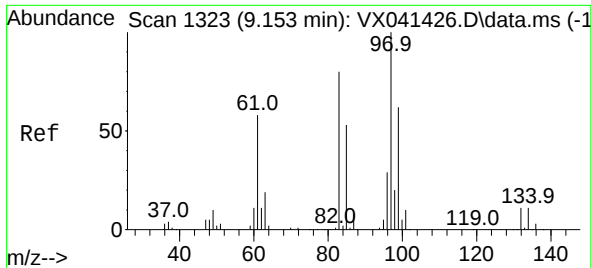
Tgt Ion: 75 Resp: 131452

Ion Ratio Lower Upper

75 100

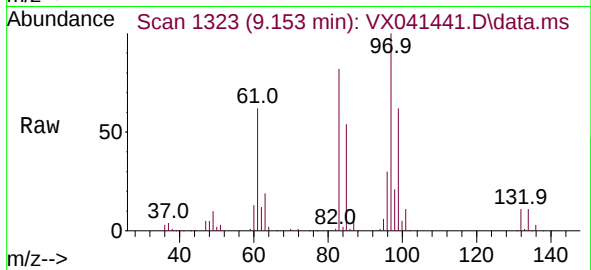
77 31.5 22.3 41.3



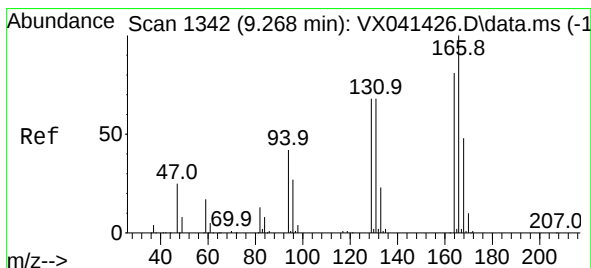
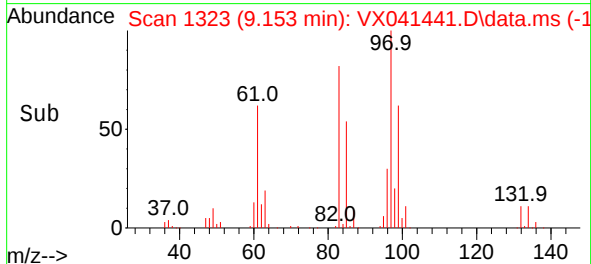
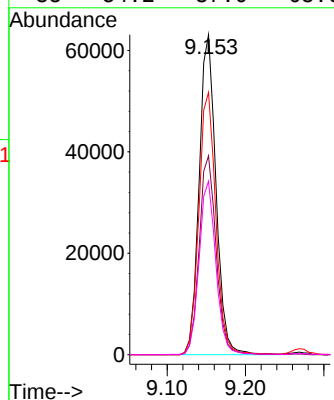


#45
1,1,2-Trichloroethane
Concen: 48.949 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :

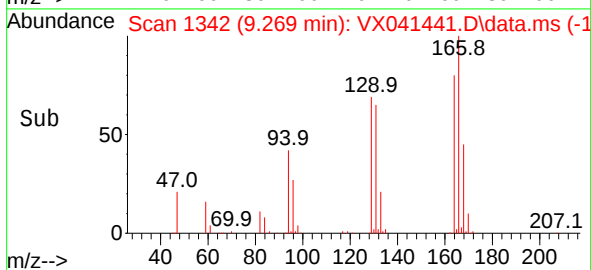
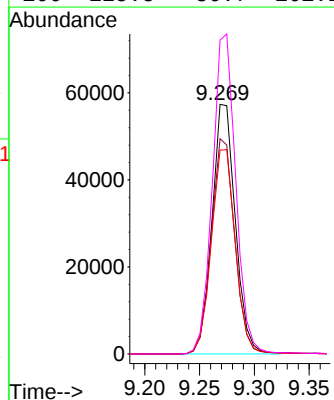
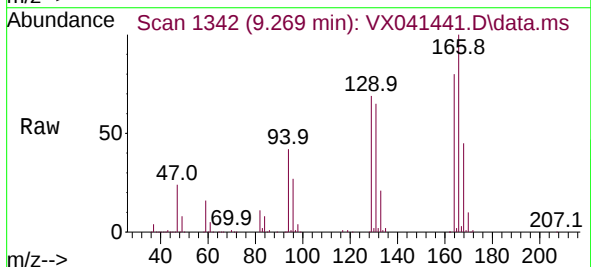


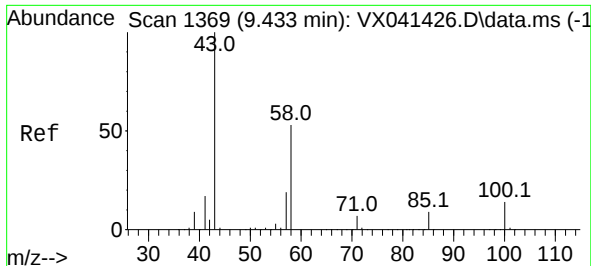
Tgt Ion:	97	Resp:	94328
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.4	80.6
83	82.0	56.1	104.3
85	54.2	37.0	68.6



#46
Tetrachloroethene
Concen: 46.861 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

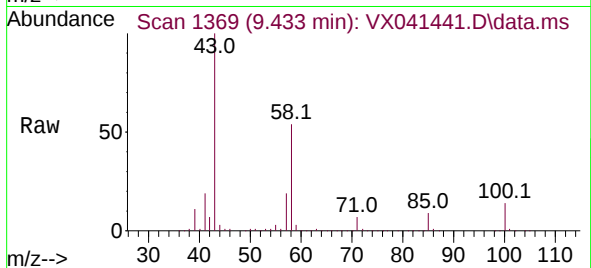
Tgt Ion:	164	Resp:	85015
Ion	Ratio	Lower	Upper
164	100		
129	86.2	59.4	110.4
131	81.7	58.7	108.9
166	125.8	86.7	161.1





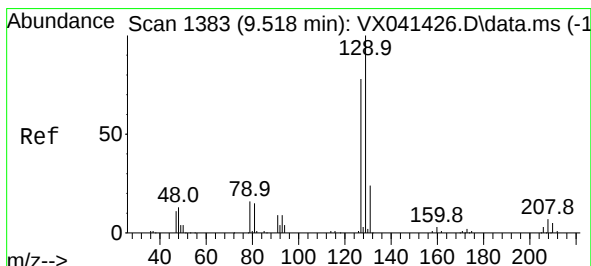
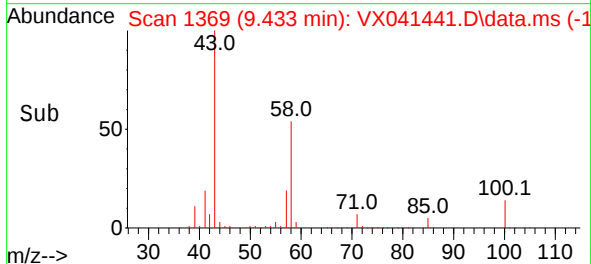
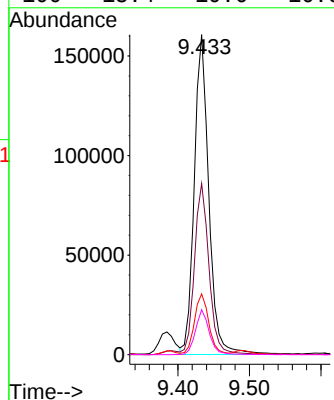
#48
2-Hexanone
Concen: 101.032 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 227012

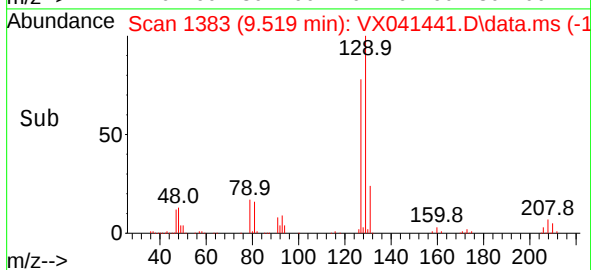
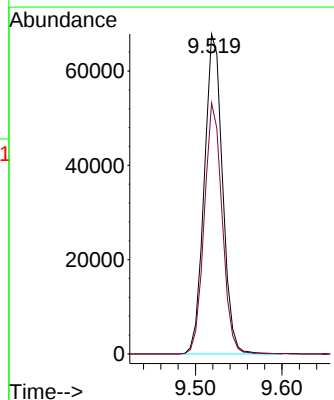
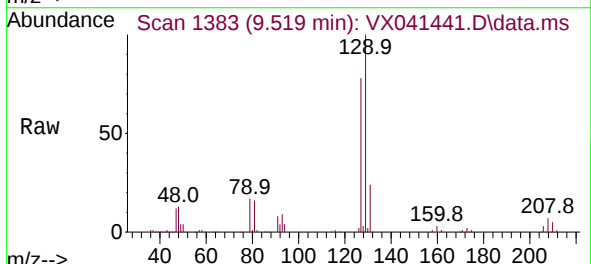
Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.3	63.5
57	19.0	15.1	22.7
100	13.4	10.6	16.0

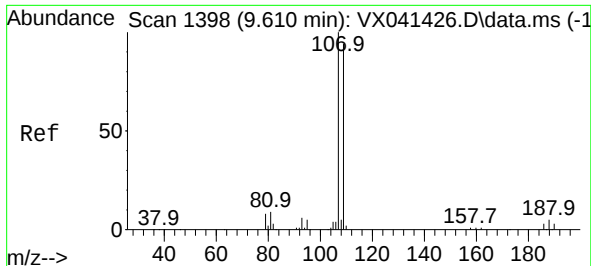


#49
Dibromochloromethane
Concen: 50.931 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion:129 Resp: 99215

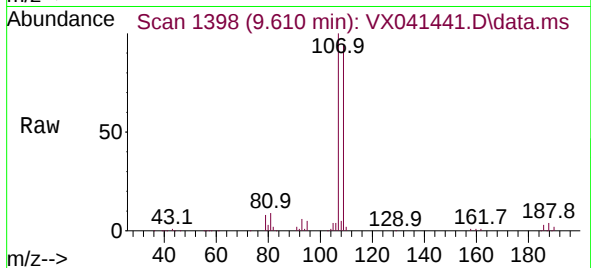
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.4	101.0



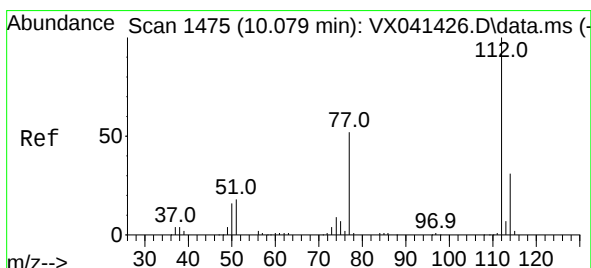
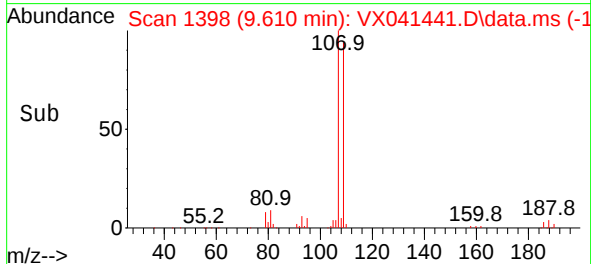
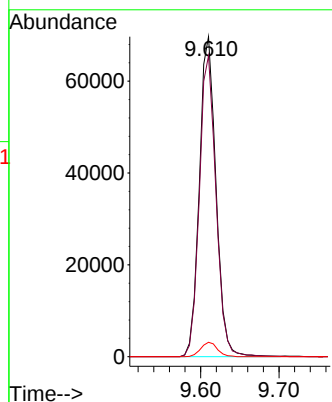


#50
1,2-Dibromoethane
Concen: 51.344 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :

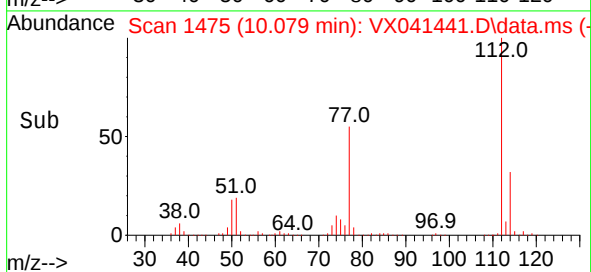
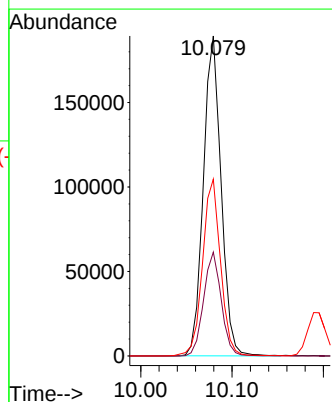
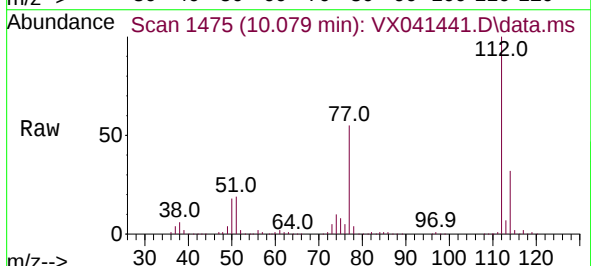


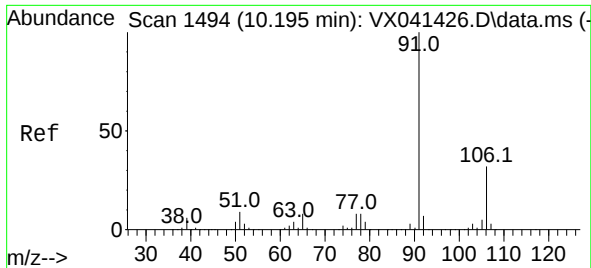
Tgt Ion:107 Resp: 102945
Ion Ratio Lower Upper
107 100
109 94.0 66.1 122.7
188 4.5 4.0 6.0



#51
Chlorobenzene
Concen: 50.544 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion:112 Resp: 254552
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 55.3 41.7 62.5





#52

Ethylbenzene

Concen: 50.383 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

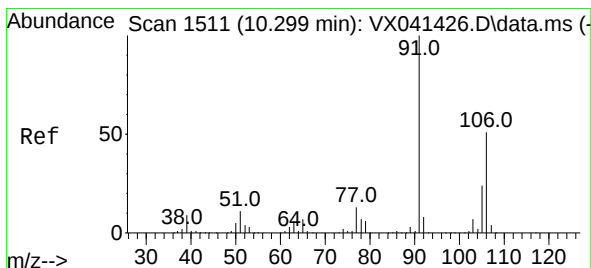
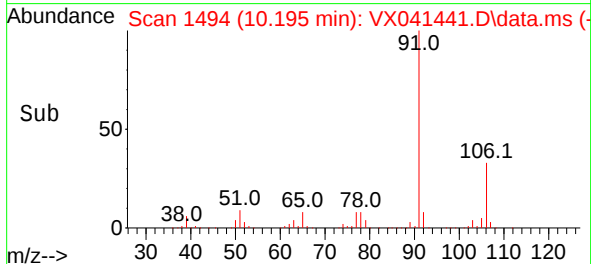
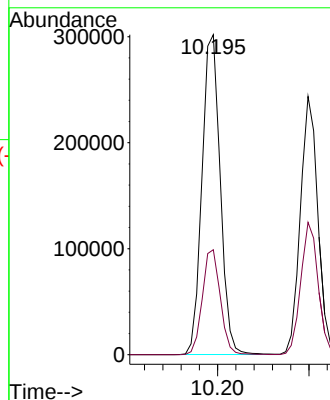
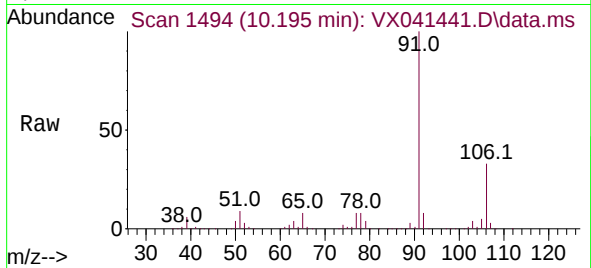
ClientSampleId :

Tgt Ion: 91 Resp: 417485

Ion Ratio Lower Upper

91 100

106 32.8 22.2 41.2



#53

m,p-Xylene

Concen: 50.330 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041441.D

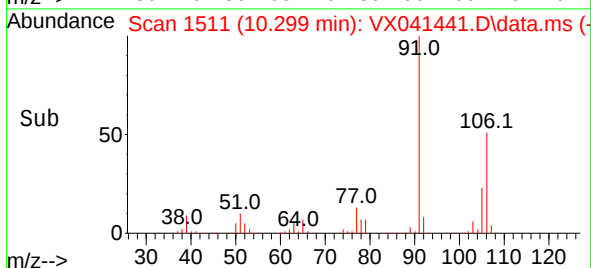
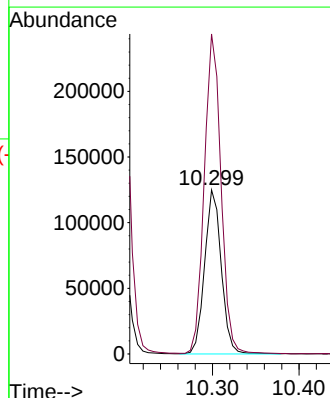
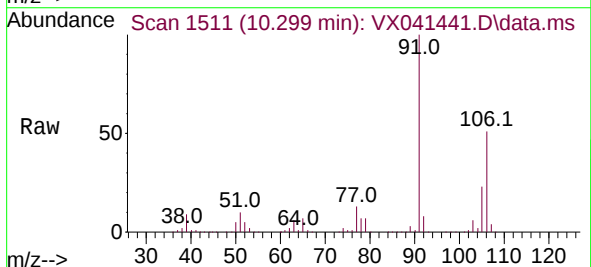
Acq: 09 May 2024 17:52

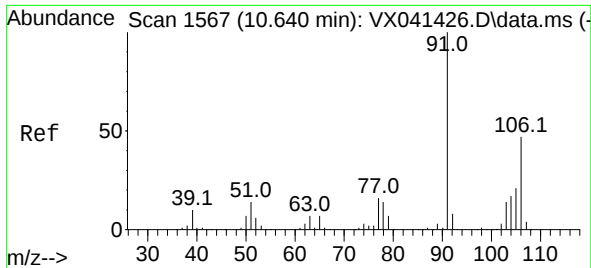
Tgt Ion:106 Resp: 166819

Ion Ratio Lower Upper

106 100

91 195.2 138.1 256.5

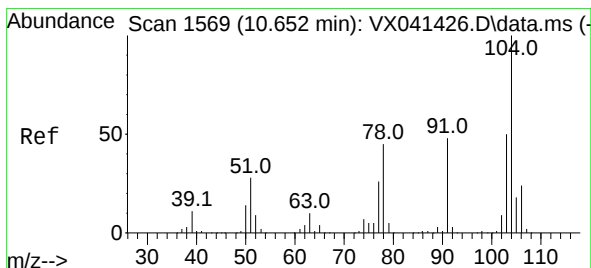
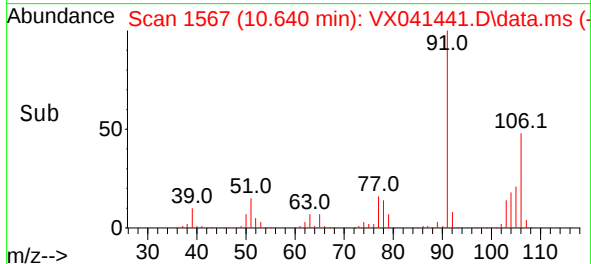
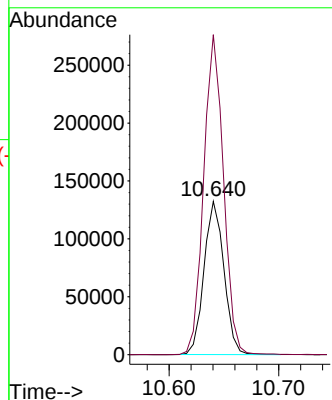
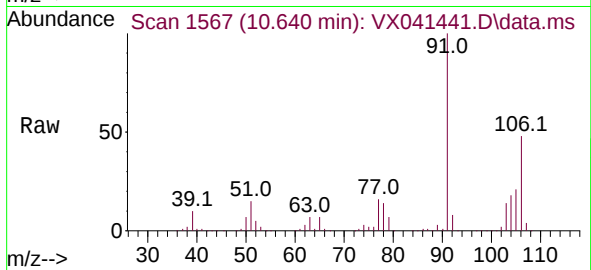




#54
o-Xylene
Concen: 49.490 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

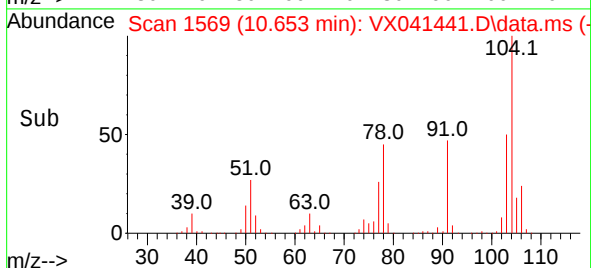
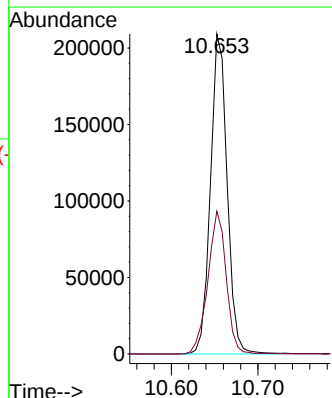
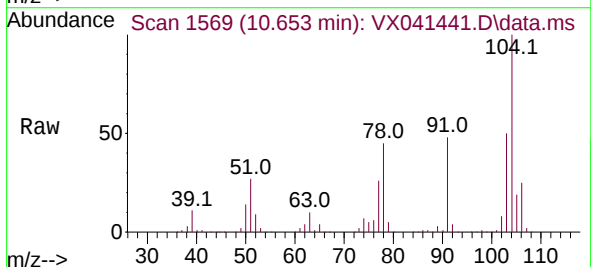
Instrument :
MSVOA_X
ClientSampleId :

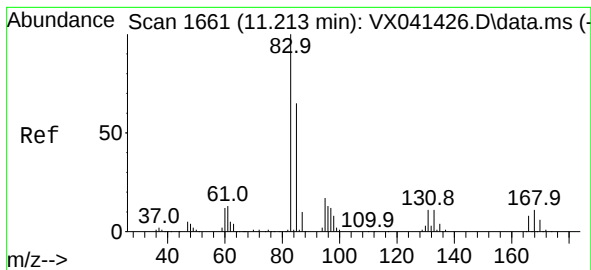
Tgt Ion:106 Resp: 167157
Ion Ratio Lower Upper
106 100
91 208.7 148.4 275.6



#55
Styrene
Concen: 49.554 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion:104 Resp: 279520
Ion Ratio Lower Upper
104 100
78 44.6 31.2 58.0

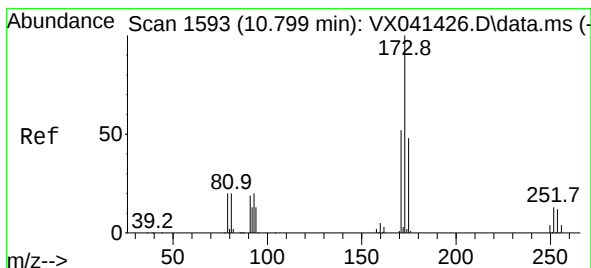
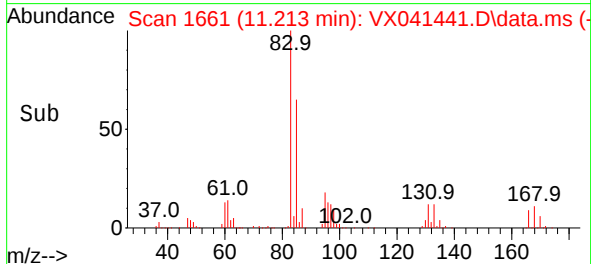
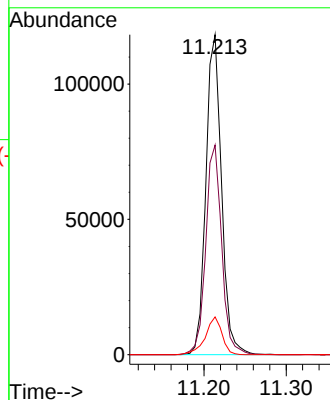
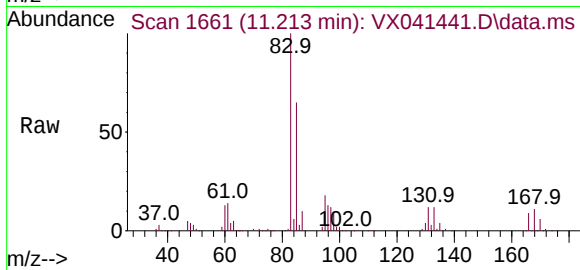




#57
1,1,2,2-Tetrachloroethane
Concen: 48.848 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

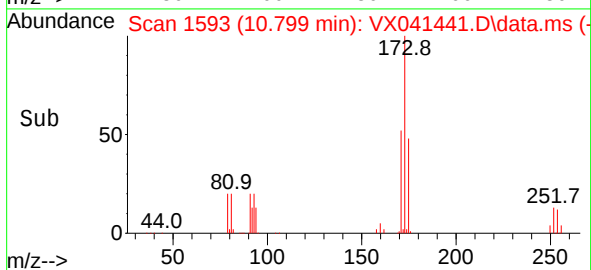
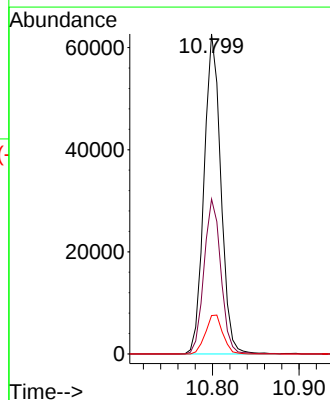
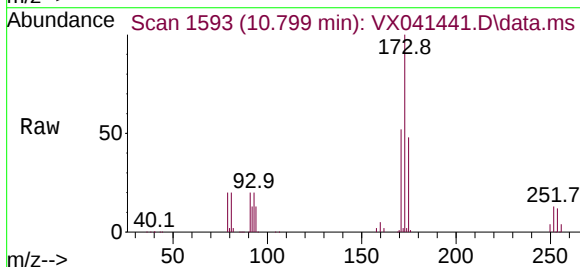
Instrument :
MSVOA_X
ClientSampleId :

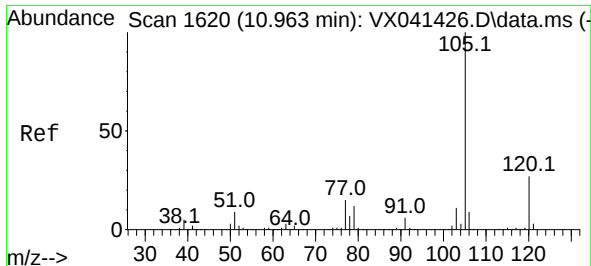
Tgt Ion: 83 Resp: 156192
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.4
131 11.8 9.0 13.4



#59
Bromoform
Concen: 52.292 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion:173 Resp: 84364
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 12.6 10.0 15.0

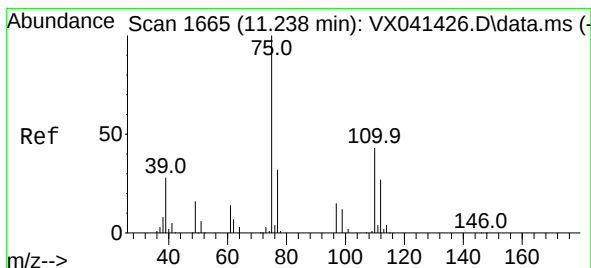
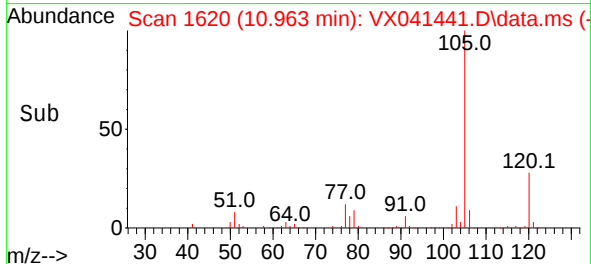
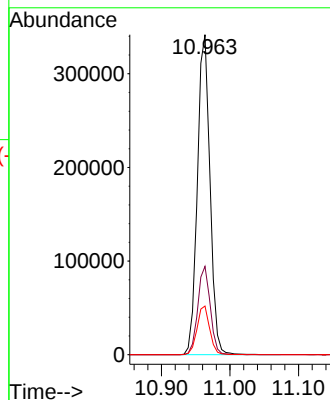
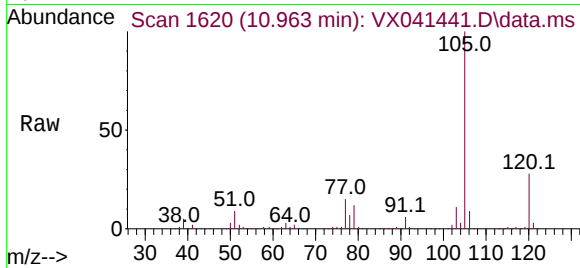




#60
Isopropylbenzene
Concen: 51.990 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

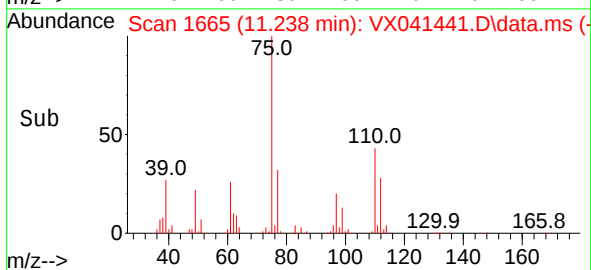
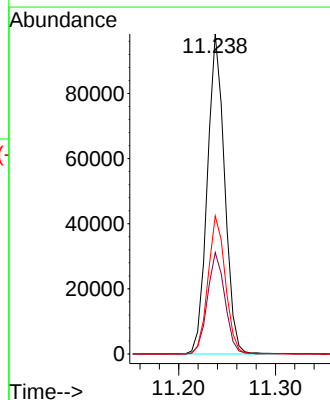
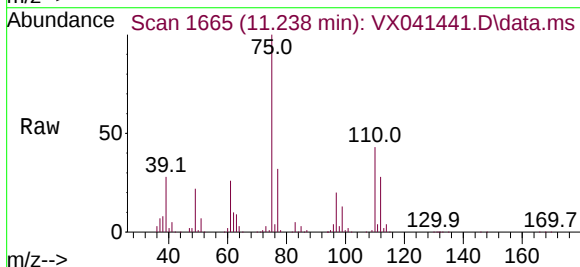
Instrument :
MSVOA_X
ClientSampleId :

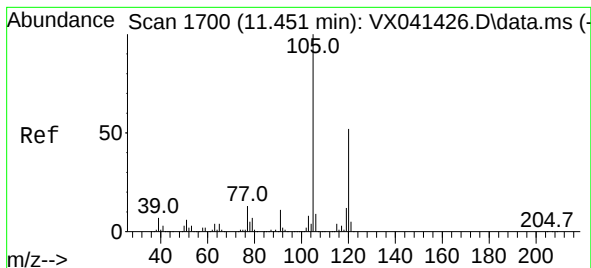
Tgt Ion:105 Resp: 437311
Ion Ratio Lower Upper
105 100
120 27.3 22.0 33.0
77 15.3 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 51.890 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion: 75 Resp: 122289
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 43.3 34.8 52.2





#62

1,3,5-Trimethylbenzene

Concen: 51.499 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

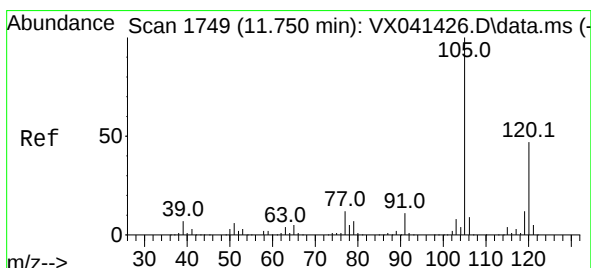
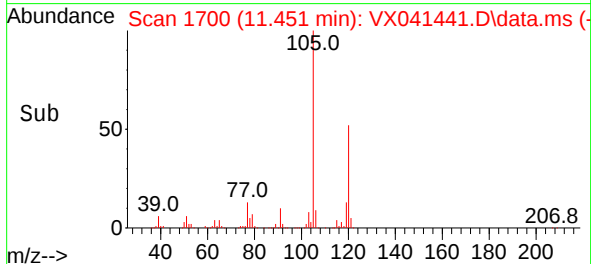
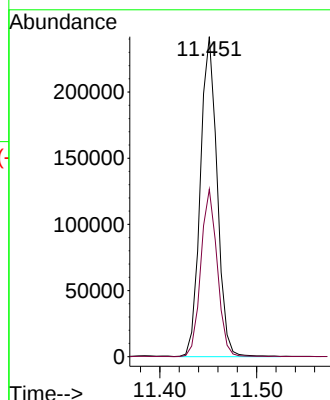
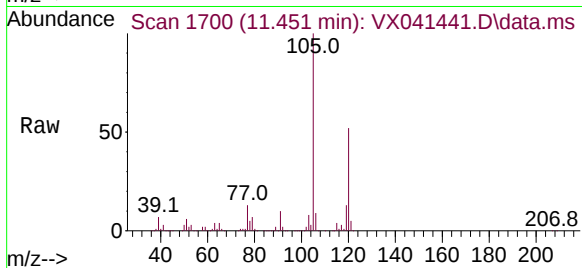
ClientSampleId :

Tgt Ion:105 Resp: 292667

Ion Ratio Lower Upper

105 100

120 50.9 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 52.785 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041441.D

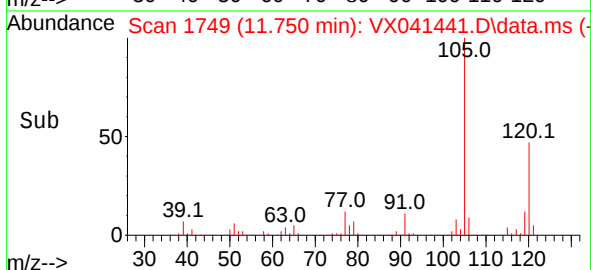
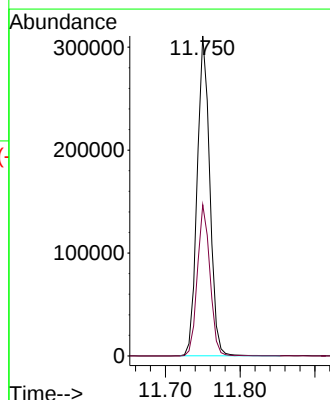
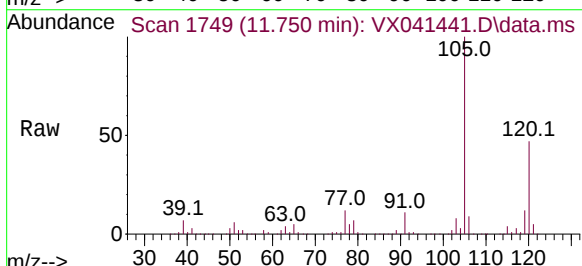
Acq: 09 May 2024 17:52

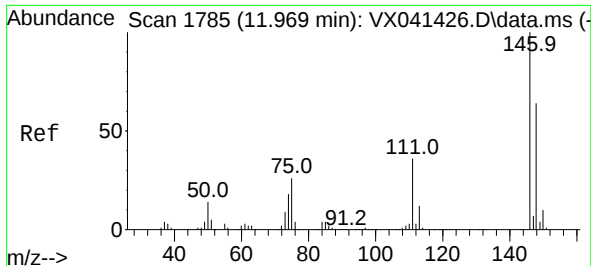
Tgt Ion:105 Resp: 363448

Ion Ratio Lower Upper

105 100

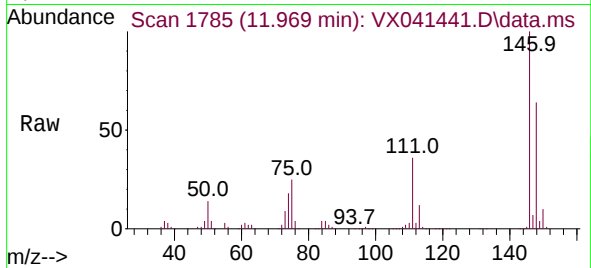
120 47.1 37.9 56.9



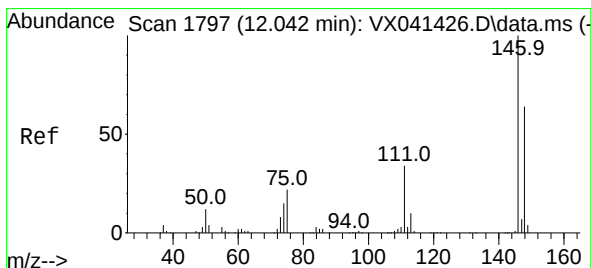
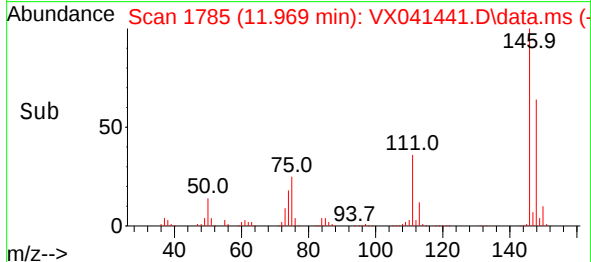
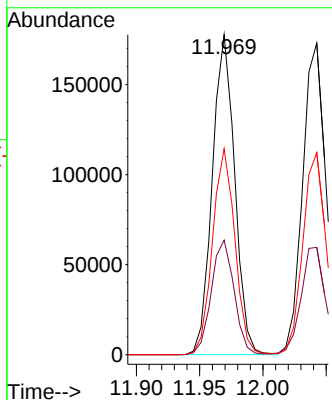


#64
1,3-Dichlorobenzene
Concen: 51.169 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Instrument :
MSVOA_X
ClientSampleId :

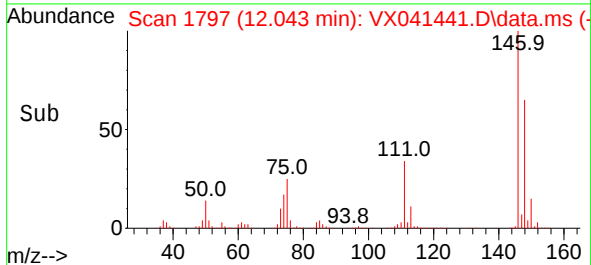
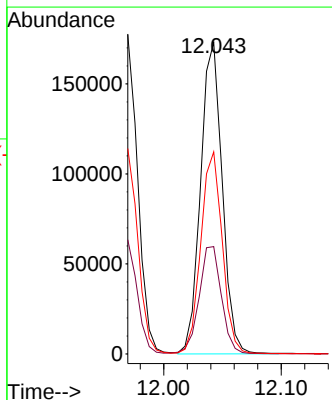
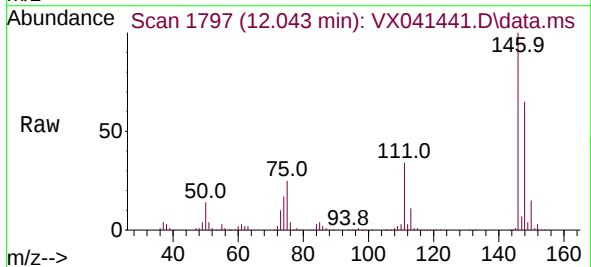


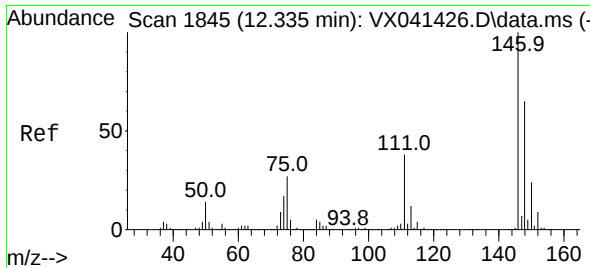
Tgt Ion:146 Resp: 218966
Ion Ratio Lower Upper
146 100
111 35.8 24.8 46.1
148 64.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.818 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion:146 Resp: 221364
Ion Ratio Lower Upper
146 100
111 34.4 24.1 44.8
148 64.8 44.9 83.5

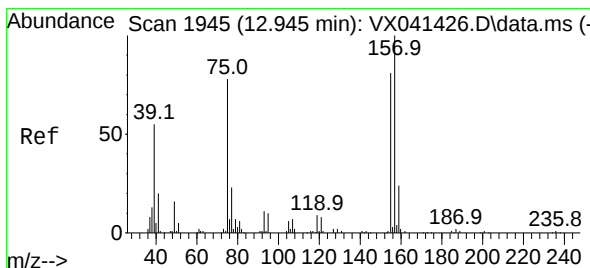
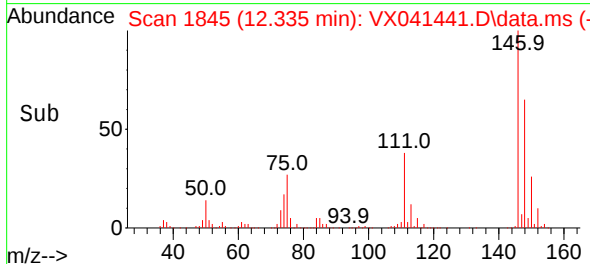
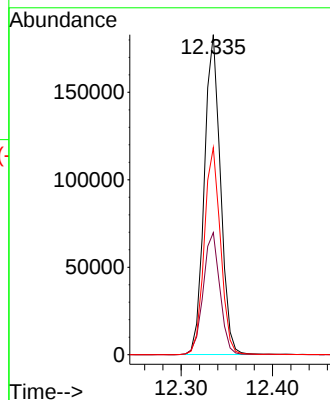
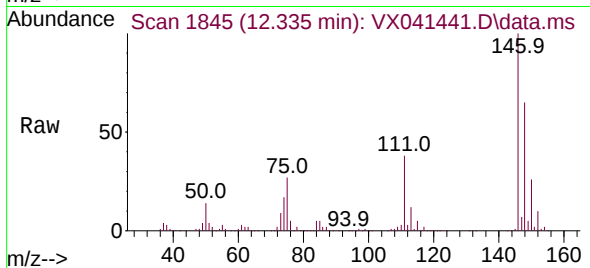




#67
1,2-Dichlorobenzene
Concen: 50.535 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

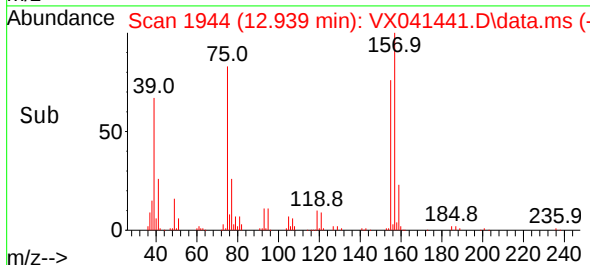
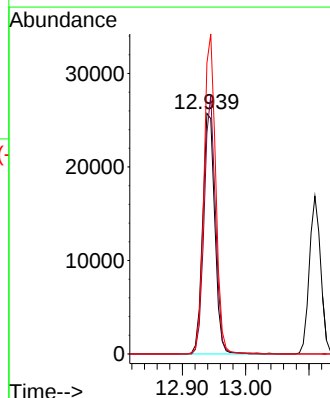
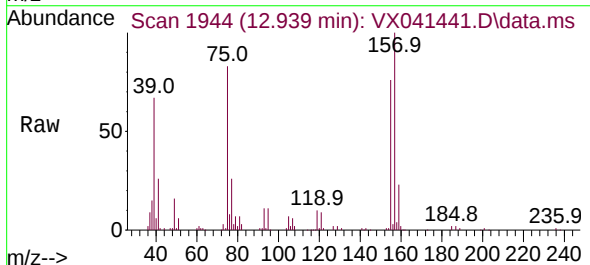
Instrument :
MSVOA_X
ClientSampleId :

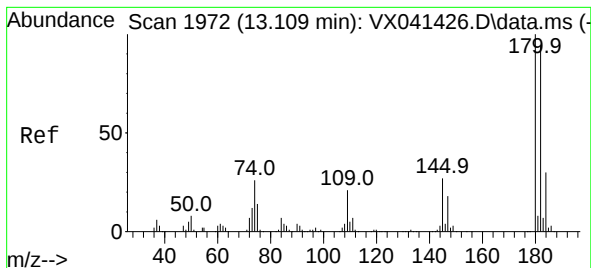
Tgt Ion:146 Resp: 223940
Ion Ratio Lower Upper
146 100
111 38.2 30.2 45.2
148 64.7 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 54.391 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX041441.D
Acq: 09 May 2024 17:52

Tgt Ion: 75 Resp: 34492
Ion Ratio Lower Upper
75 100
155 91.9 83.2 124.8
157 121.0 103.0 154.6





#69

1,3,5-Trichlorobenzene

Concen: 47.813 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 152713

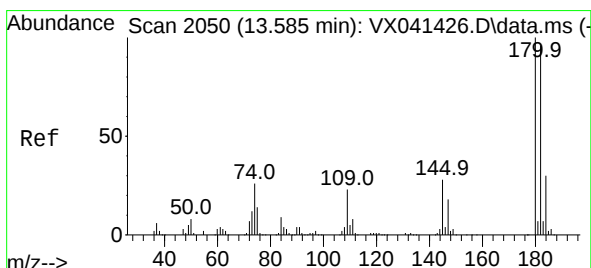
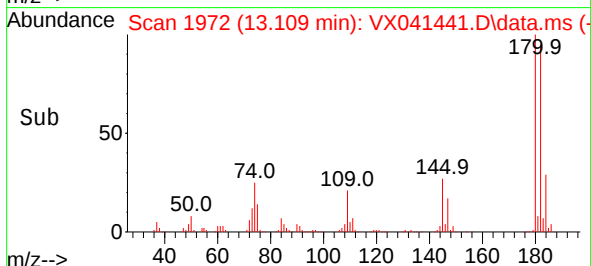
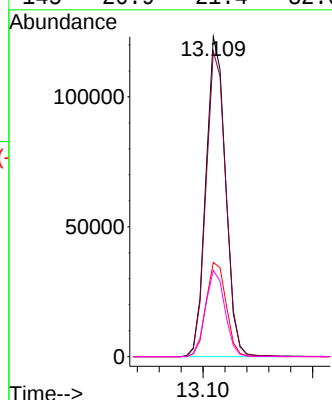
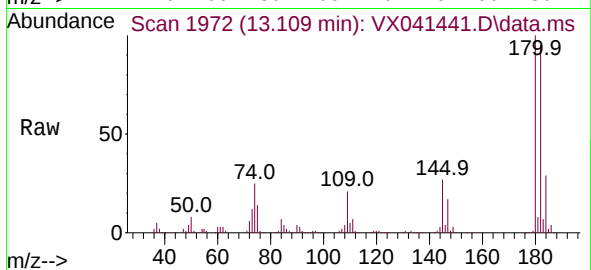
Ion Ratio Lower Upper

180 100

182 96.9 76.9 115.3

184 30.3 24.3 36.5

145 26.9 21.4 32.0



#70

1,2,4-trichlorobenzene

Concen: 43.866 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

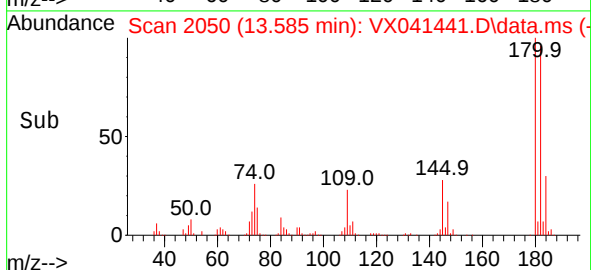
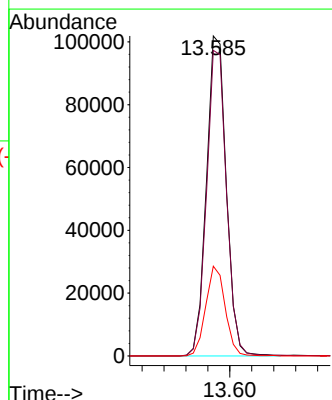
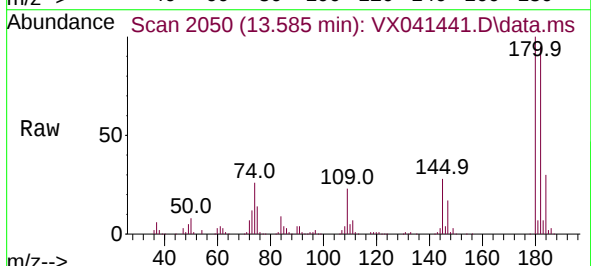
Tgt Ion:180 Resp: 127941

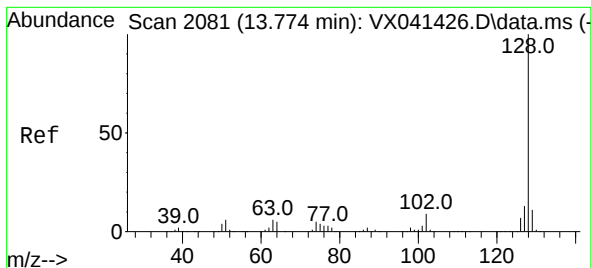
Ion Ratio Lower Upper

180 100

182 96.2 76.3 114.5

145 27.5 22.0 33.0





#71

Naphthalene

Concen: 45.957 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

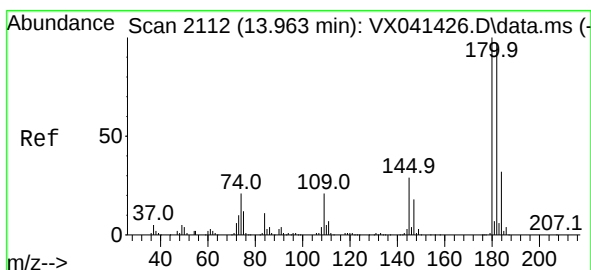
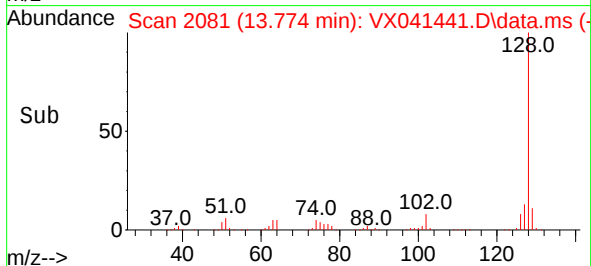
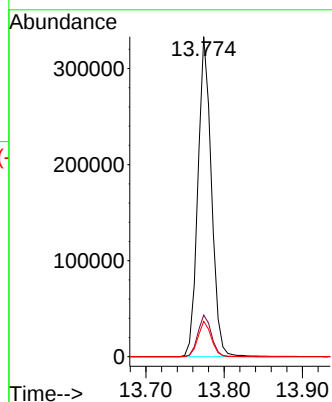
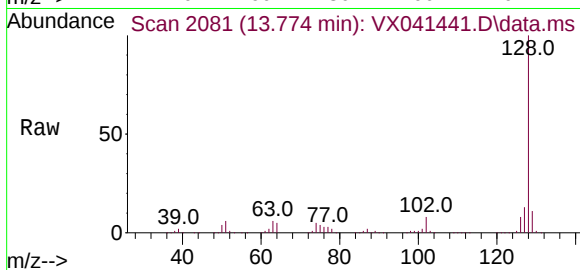
Tgt Ion:128 Resp: 400074

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 44.257 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041441.D

Acq: 09 May 2024 17:52

Tgt Ion:180 Resp: 134593

Ion Ratio Lower Upper

180 100

182 95.4 77.5 116.3

145 29.2 23.8 35.8

