

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041434.D
 Acq On : 09 May 2024 15:06
 Operator : JC/MD
 Sample : P2409-05
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 23:40:11 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	222629	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	222807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119404	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	71474	56.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 113.220%	
7) Chloroethane-d5	1.648	69	54513	58.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 117.700%	
11) 1,1-Dichloroethene-d2	2.294	65	37052	58.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 116.600%	
21) 2-Butanone-d5	4.459	46	134625	143.014	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 143.010%#	
24) Chloroform-d	5.056	84	162862	58.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.660%	
26) 1,2-Dichloroethane-d4	5.952	65	115809	57.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.320%	
32) Benzene-d6	5.964	84	332809	54.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.360%	
36) 1,2-Dichloropropane-d6	7.306	67	99622	55.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.160%	
41) Toluene-d8	8.647	98	306361	48.731	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 97.460%	
43) trans-1,3-Dichloroprop...	8.952	79	44077	48.645	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 97.300%	
47) 2-Hexanone-d5	9.384	63	96573	114.590	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 114.590%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151388	53.189	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.380%	
66) 1,2-Dichlorobenzene-d4	12.317	152	132754	54.412	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.820%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.166	85	3836	2.503	ug/L 93
3) Chloromethane	1.294	50	3444	2.634	ug/L 94
5) Vinyl chloride	1.374	62	3595	2.670	ug/L # 43
6) Bromomethane	1.599	94	2604	2.775	ug/L 97
8) Chloroethane	1.666	64	2429	3.151	ug/L 98
9) Trichlorofluoromethane	1.868	101	5953	2.511	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	4907	3.370	ug/L # 83
12) 1,1-Dichloroethene	2.306	96	4088	3.160	ug/L # 1
13) Acetone	2.386	43	5024	5.198	ug/L 99
14) Carbon disulfide	2.502	76	7311	2.345	ug/L 96
15) Methyl Acetate	2.709	43	4757	2.916	ug/L 100
16) Methylene chloride	2.782	84	5242	3.652	ug/L 90
17) trans-1,2-Dichloroethene	3.087	96	3312	2.492	ug/L 93
18) Methyl tert-butyl Ether	3.117	73	12086	2.665	ug/L 100
19) 1,1-Dichloroethane	3.611	63	6318	2.567	ug/L 93
20) cis-1,2-Dichloroethene	4.489	96	3989	2.600	ug/L 99
22) 2-Butanone	4.580	43	2808	2.327	ug/L 89
23) Bromochloromethane	4.897	128	1921	2.352	ug/L # 83
27) 1,2-Dichloroethane	6.098	62	6269	2.831	ug/L 97

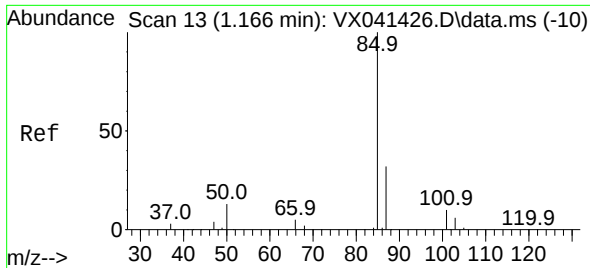
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
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Instrument :
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Quant Time: May 09 23:40:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.464	56	5472	2.209	ug/L #	71
31) Carbon tetrachloride	5.678	117	4682	2.011	ug/L	100
33) Benzene	6.031	78	14467	2.321	ug/L	100
35) Methylcyclohexane	7.373	83	5935	2.243	ug/L	98
37) 1,2-Dichloropropane	7.428	63	3678	2.343	ug/L #	94
38) Bromodichloromethane	7.824	83	4220	1.989	ug/L #	91
39) cis-1,3-Dichloropropene	8.366	75	5881	2.262	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	10528	4.167	ug/L	100
42) Toluene	8.720	91	15591	2.292	ug/L	94
44) trans-1,3-Dichloropropene	8.976	75	4824	1.990	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	3967	2.285	ug/L	92
46) Tetrachloroethene	9.275	164	3572	2.186	ug/L	98
48) 2-Hexanone	9.433	43	8884	4.389	ug/L	96
49) Dibromochloromethane	9.519	129	3041	1.733	ug/L	98
50) 1,2-Dibromoethane	9.610	107	3485	1.930	ug/L	97
51) Chlorobenzene	10.079	112	10577	2.331	ug/L	97
52) Ethylbenzene	10.195	91	16315	2.186	ug/L	99
53) m,p-Xylene	10.305	106	6396	2.142	ug/L	97
54) o-Xylene	10.646	106	6532	2.147	ug/L	89
55) Styrene	10.659	104	9823	1.933	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	7649	2.656	ug/L #	94
59) Bromoform	10.799	173	2908	2.081	ug/L #	92
60) Isopropylbenzene	10.963	105	16314	2.239	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	5299	2.596	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	10367	2.106	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	11008	1.846	ug/L	95
64) 1,3-Dichlorobenzene	11.969	146	8590	2.318	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	9107	2.373	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	1244	2.265	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	6158	2.226	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	5492	2.174	ug/L	99
71) Naphthalene	13.780	128	15506	2.057	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	5970	2.267	ug/L	94

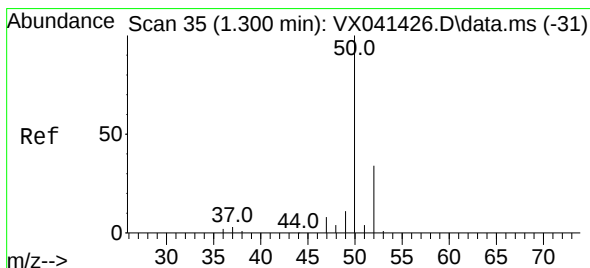
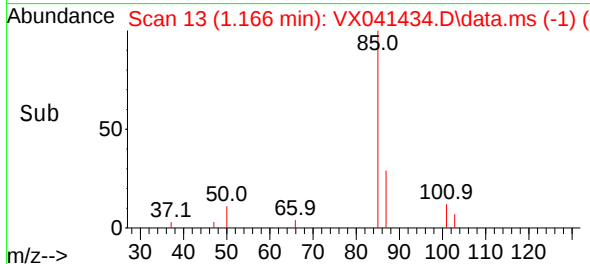
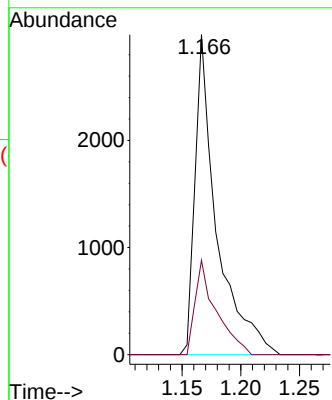
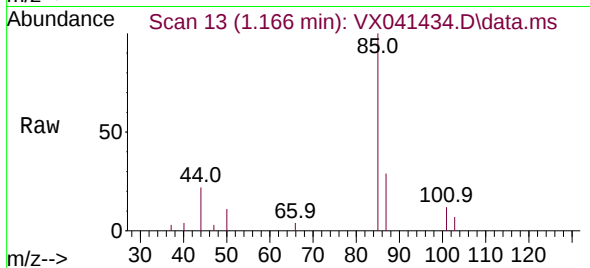
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.503 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

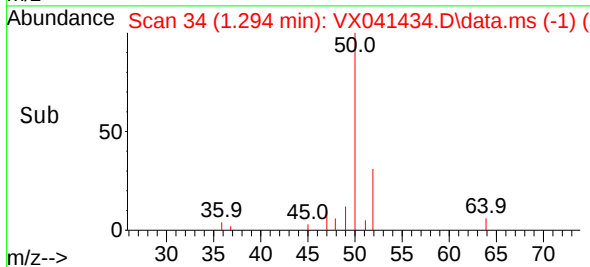
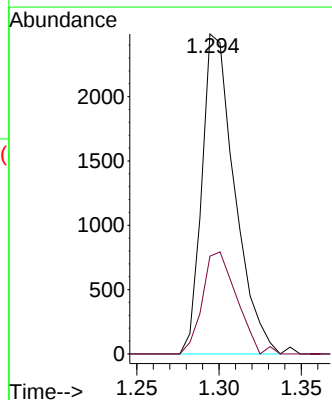
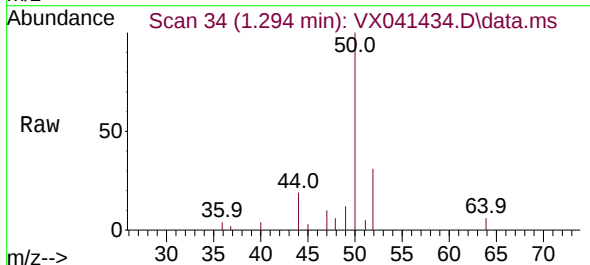
Instrument :
MSVOA_X
ClientSampleId :

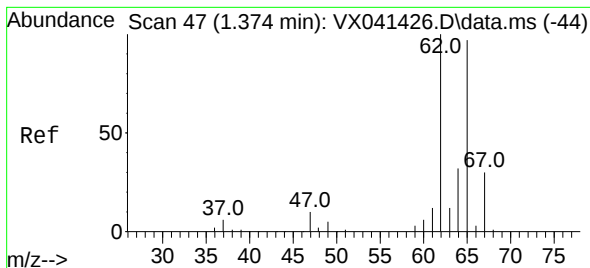
Tgt Ion: 85 Resp: 3836
Ion Ratio Lower Upper
85 100
87 28.6 26.2 39.2



#3
Chloromethane
Concen: 2.634 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

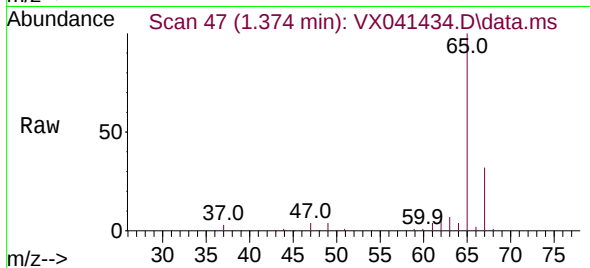
Tgt Ion: 50 Resp: 3444
Ion Ratio Lower Upper
50 100
52 30.5 23.7 44.1



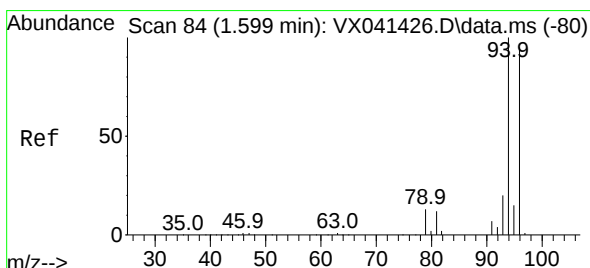
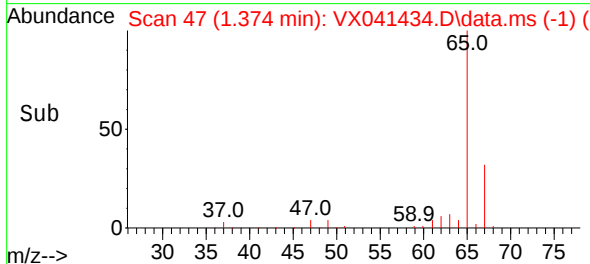
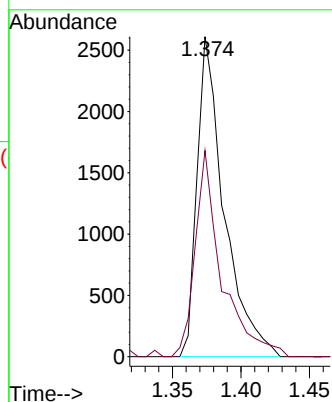


#5
Vinyl chloride
Concen: 2.670 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

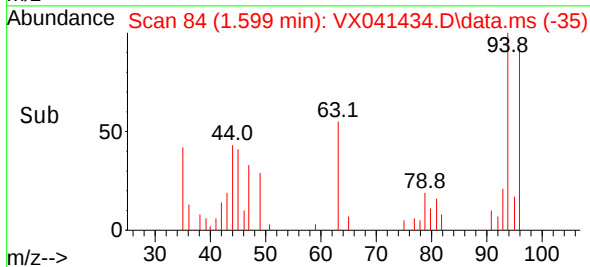
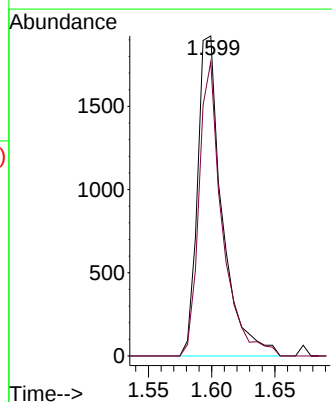
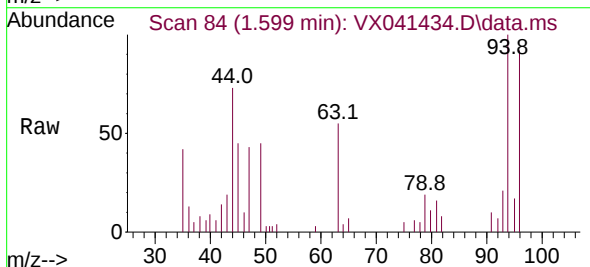


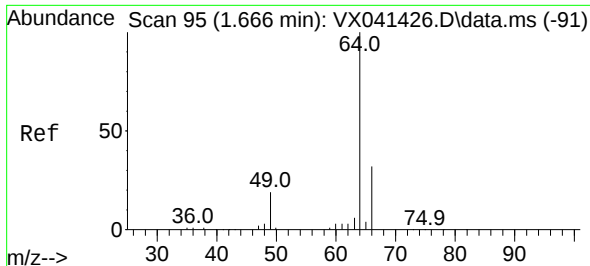
Tgt Ion: 62 Resp: 3595
Ion Ratio Lower Upper
62 100
64 64.4 22.7 42.1#



#6
Bromomethane
Concen: 2.775 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion: 94 Resp: 2604
Ion Ratio Lower Upper
94 100
96 91.9 66.6 123.8

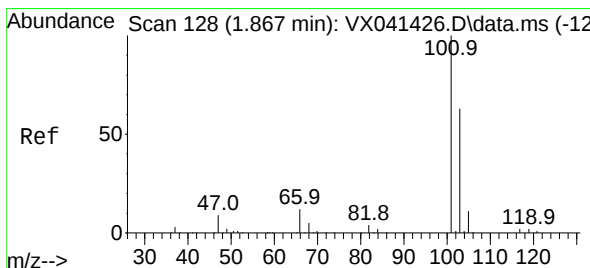
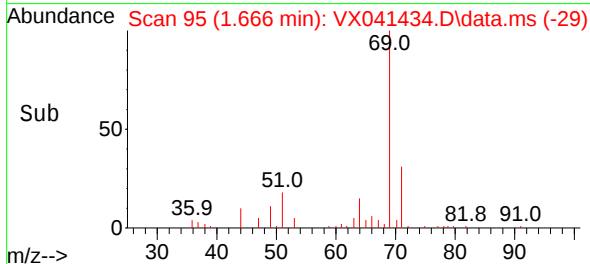
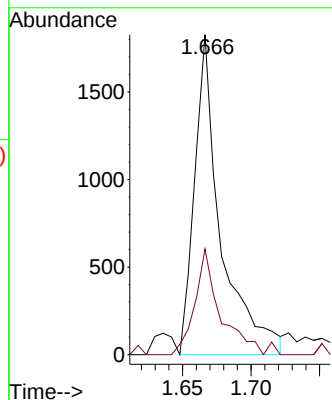
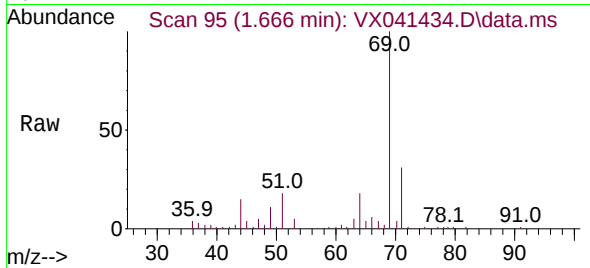




#8
Chloroethane
Concen: 3.151 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

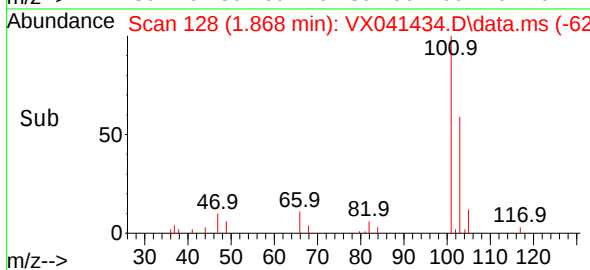
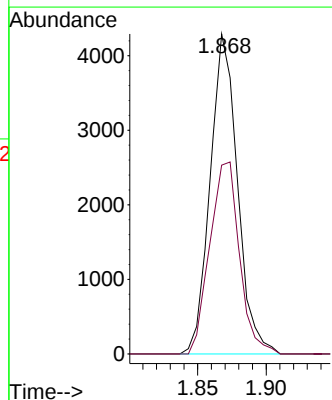
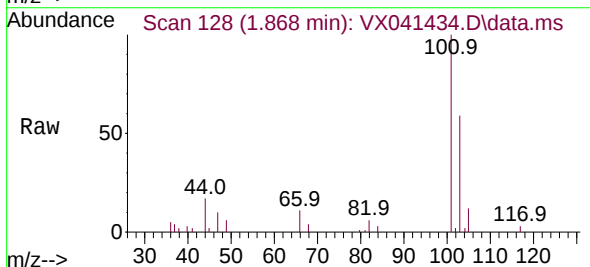
Instrument :
MSVOA_X
ClientSampleId :

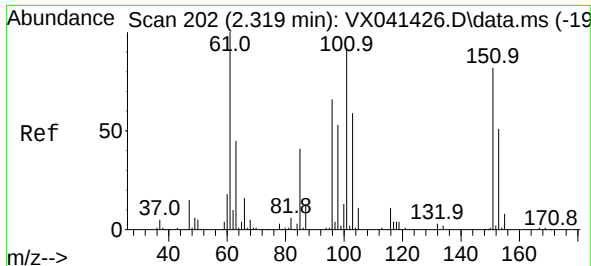
Tgt Ion: 64 Resp: 2429
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.511 ug/L
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion:101 Resp: 5953
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5

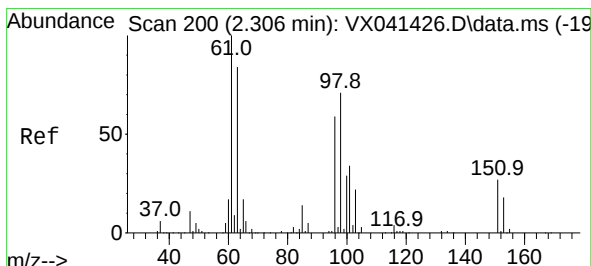
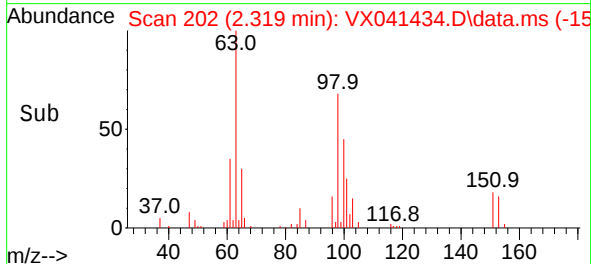
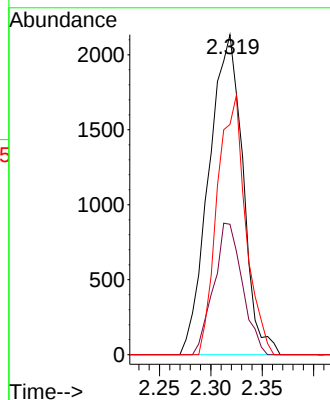
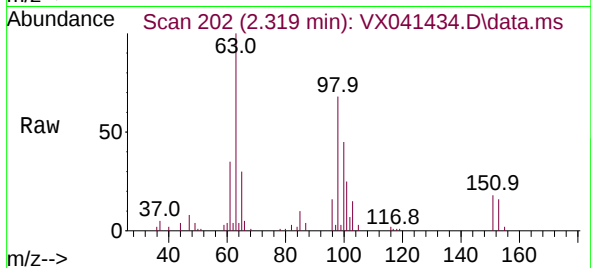




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.370 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

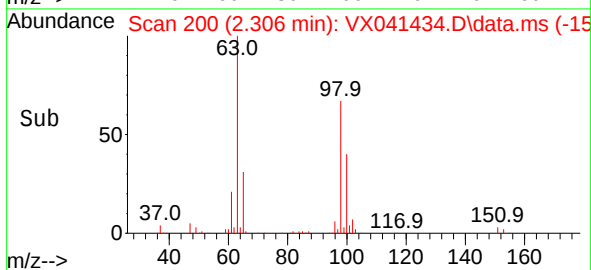
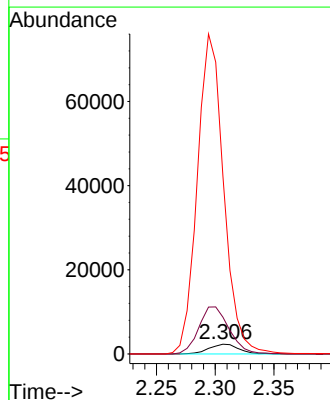
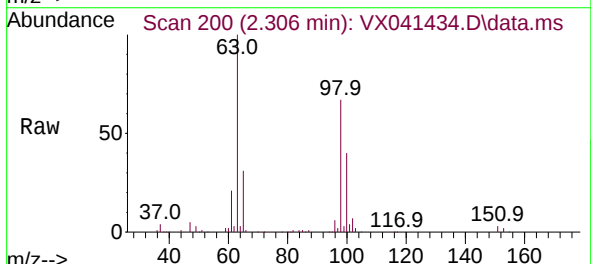
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MSVOA_X
ClientSampleId :

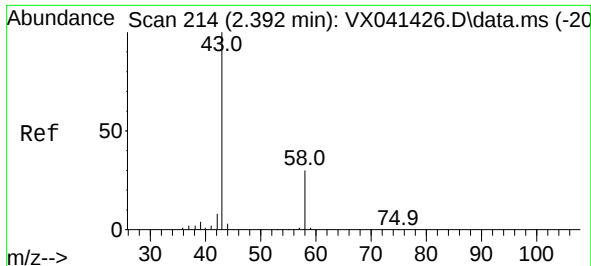
Tgt Ion:101 Resp: 4907
Ion Ratio Lower Upper
101 100
85 34.4 33.4 50.2
151 67.4 68.7 103.1#



#12
1,1-Dichloroethene
Concen: 3.160 ug/L
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion: 96 Resp: 4088
Ion Ratio Lower Upper
96 100
61 375.0 119.3 221.7#
63 1810.3 100.0 185.8#





#13

Acetone

Concen: 5.198 ug/L

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

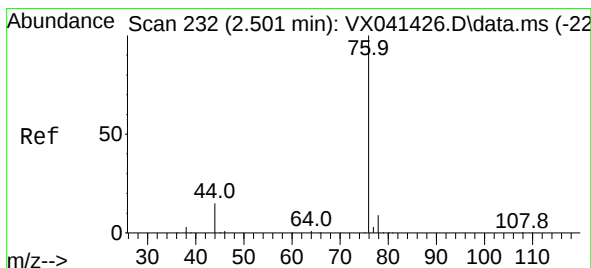
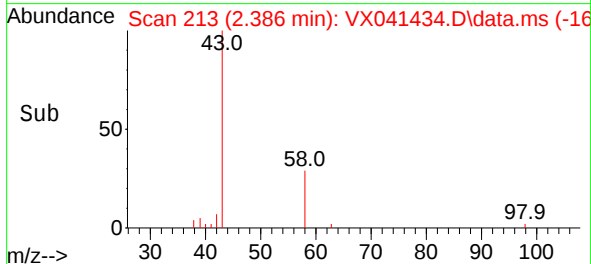
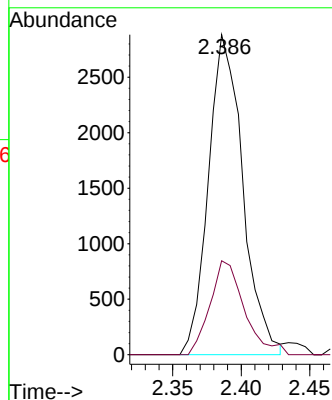
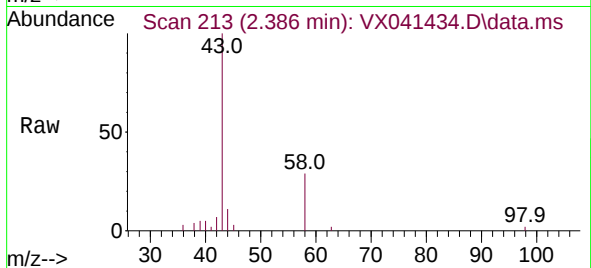
ClientSampleId :

Tgt Ion: 43 Resp: 5024

Ion Ratio Lower Upper

43 100

58 28.6 0.0 58.0



#14

Carbon disulfide

Concen: 2.345 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041434.D

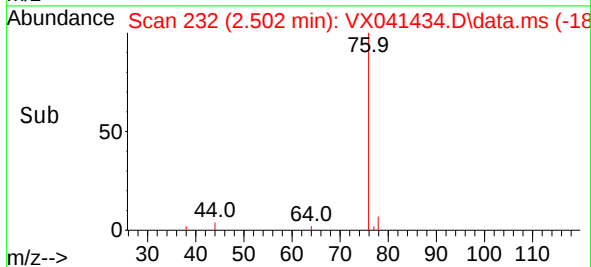
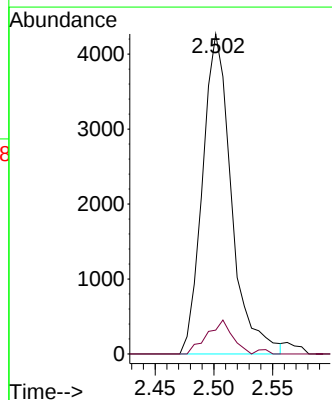
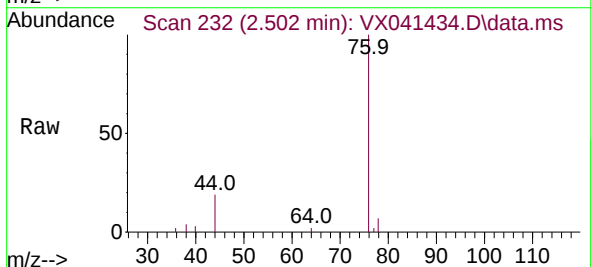
Acq: 09 May 2024 15:06

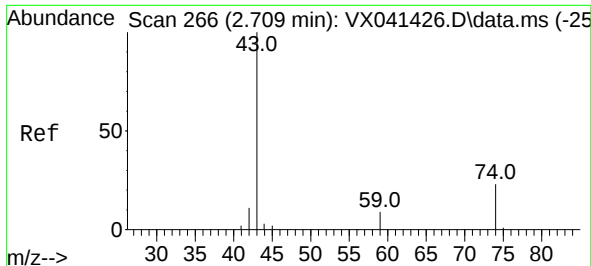
Tgt Ion: 76 Resp: 7311

Ion Ratio Lower Upper

76 100

78 7.5 7.3 10.9





#15

Methyl Acetate

Concen: 2.916 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

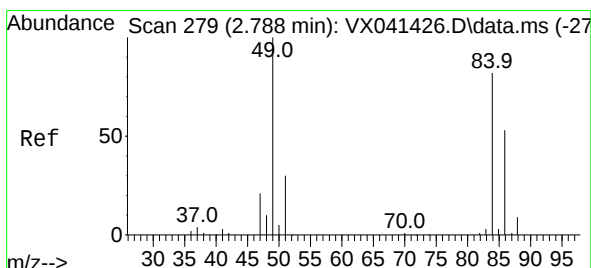
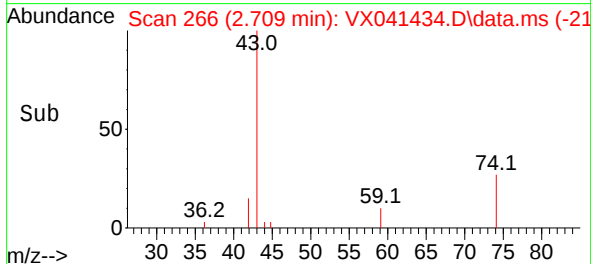
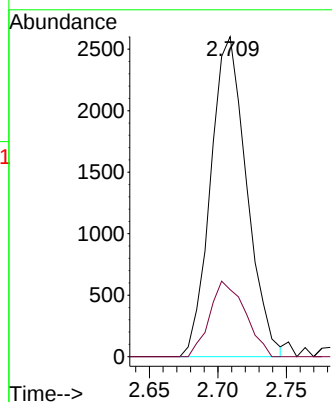
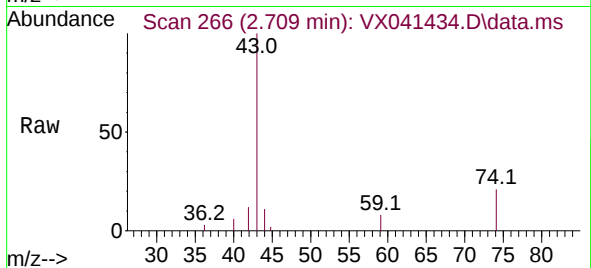
ClientSampleId :

Tgt Ion: 43 Resp: 4757

Ion Ratio Lower Upper

43 100

74 23.2 18.5 27.7



#16

Methylene chloride

Concen: 3.652 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

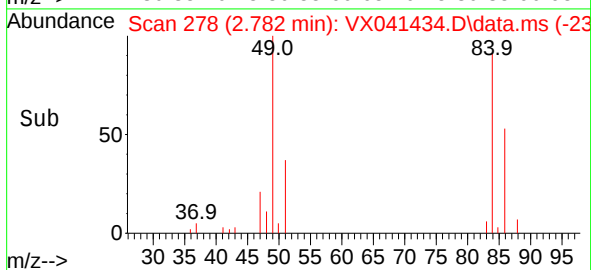
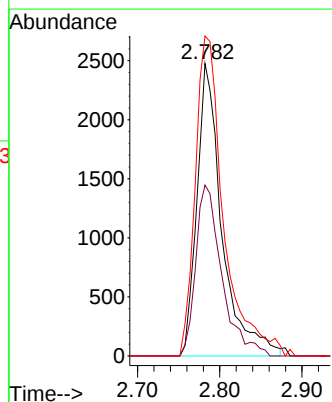
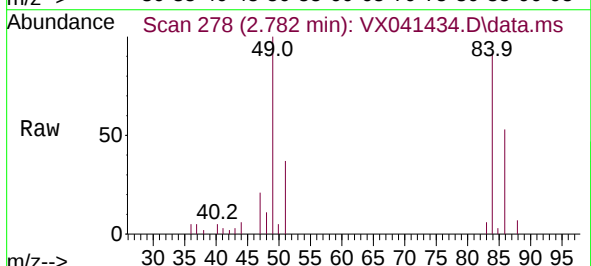
Tgt Ion: 84 Resp: 5242

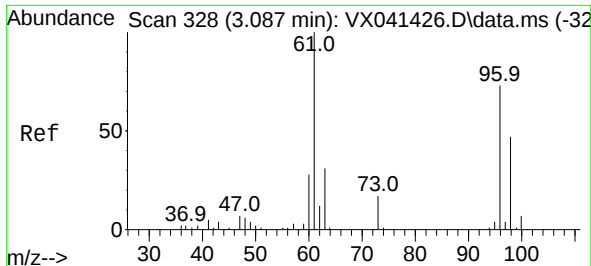
Ion Ratio Lower Upper

84 100

86 58.4 44.9 83.5

49 109.4 85.5 158.7





#17

trans-1,2-Dichloroethene

Concen: 2.492 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

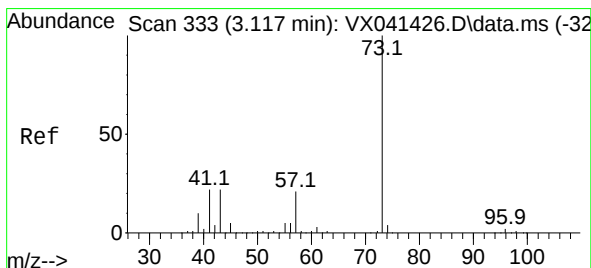
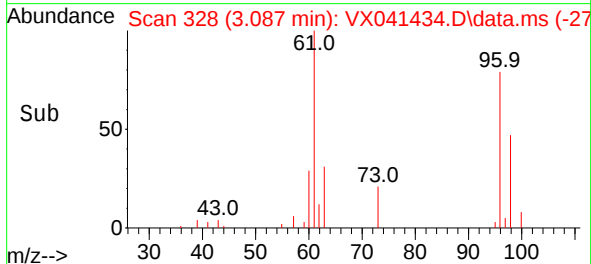
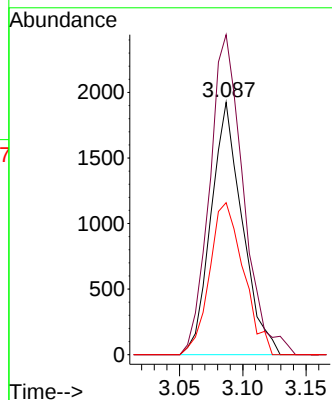
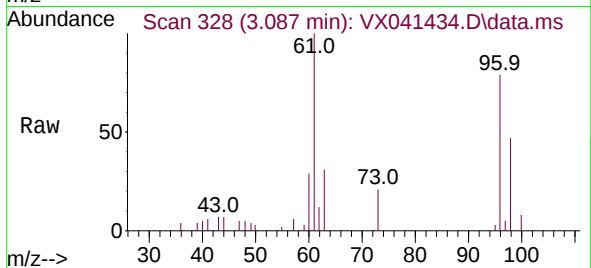
Tgt Ion: 96 Resp: 3312

Ion Ratio Lower Upper

96 100

61 126.8 95.8 177.8

98 60.2 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 2.665 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

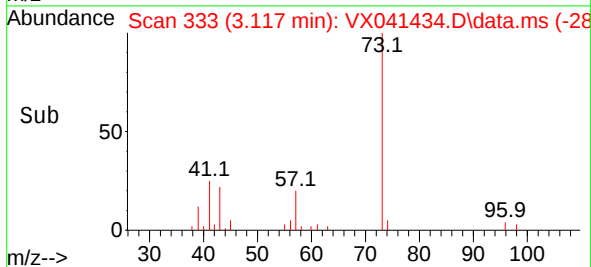
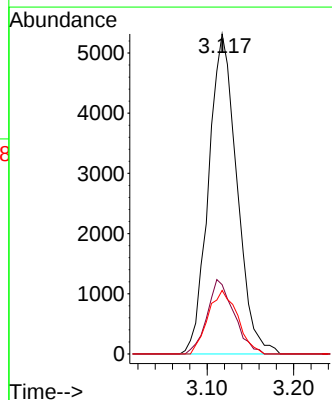
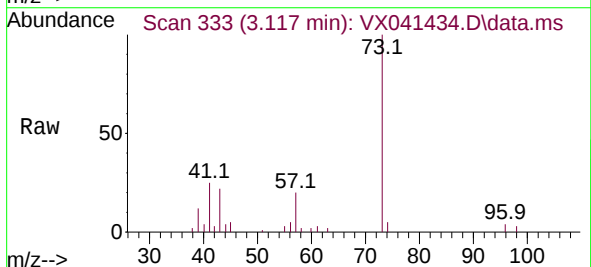
Tgt Ion: 73 Resp: 12086

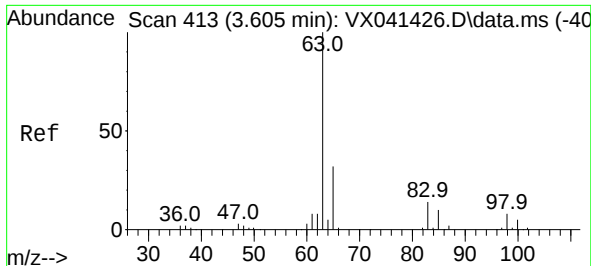
Ion Ratio Lower Upper

73 100

43 22.0 17.4 26.0

57 20.7 16.7 25.1





#19

1,1-Dichloroethane

Concen: 2.567 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX041434.D

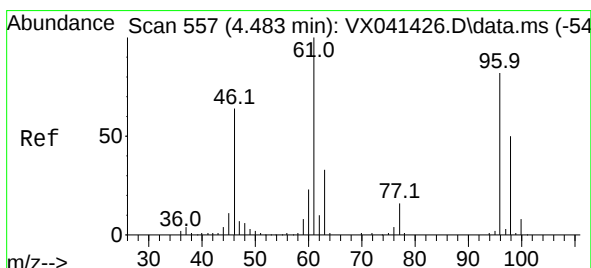
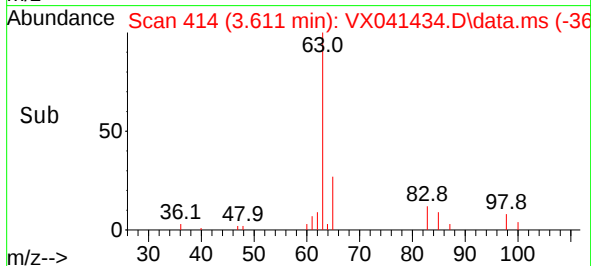
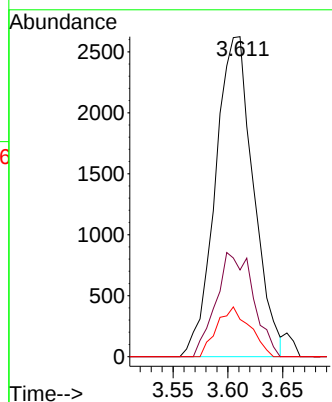
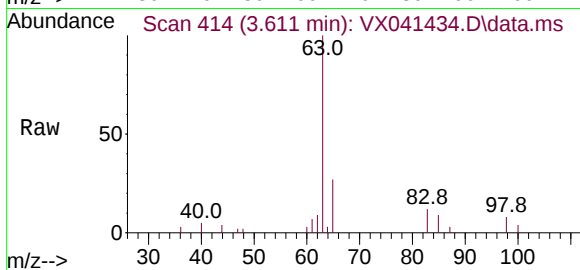
Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 6318
Ion Ratio	Lower Upper
63 100	
65 27.1	22.3 41.5
83 11.7	9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 2.600 ug/L

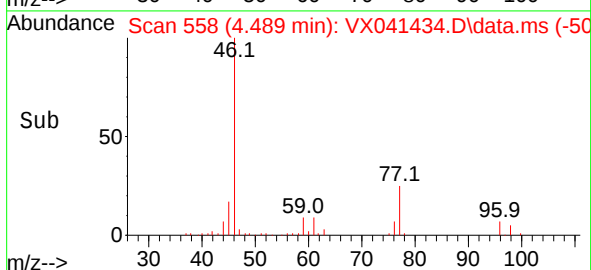
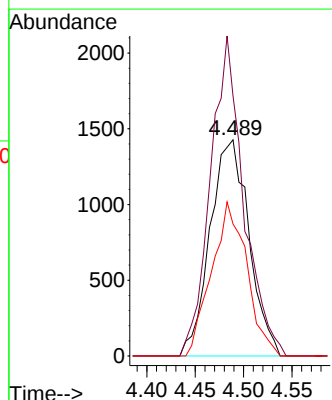
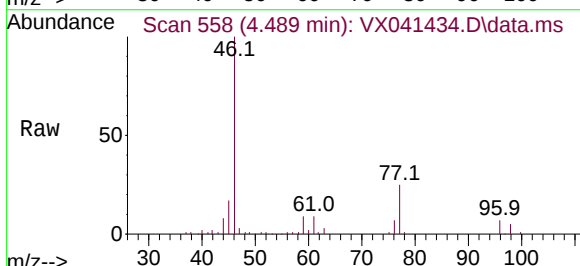
RT: 4.489 min Scan# 558

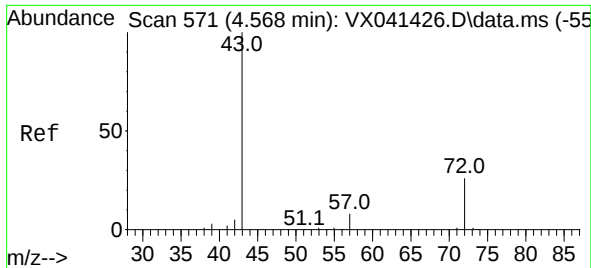
Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Tgt Ion: 96	Resp: 3989
Ion Ratio	Lower Upper
96 100	
61 120.4	85.5 158.9
98 61.1	43.0 80.0

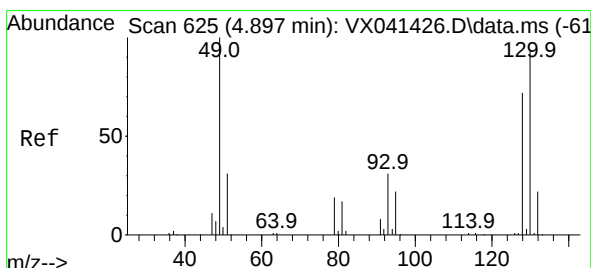
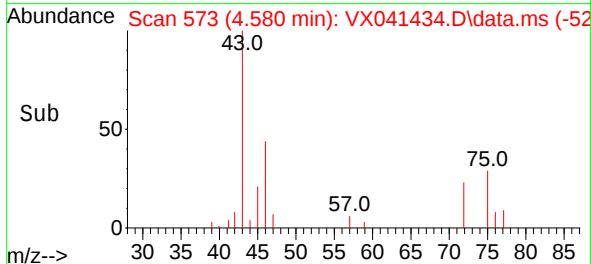
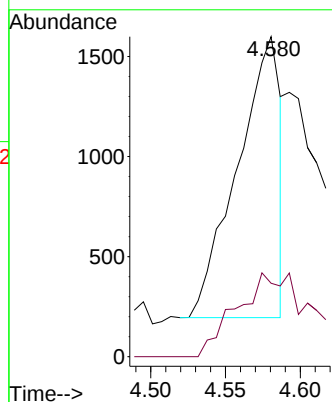
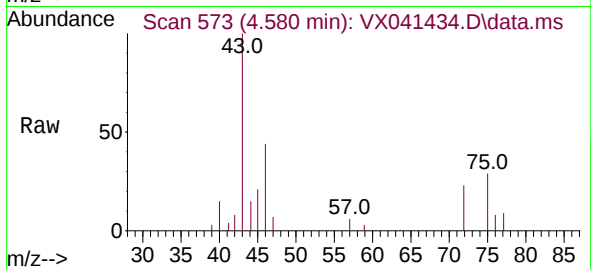




#22
2-Butanone
Concen: 2.327 ug/L
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

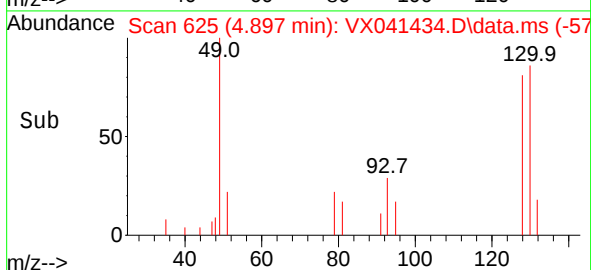
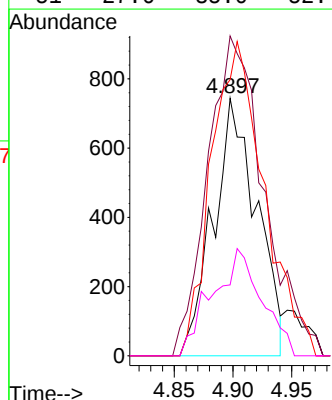
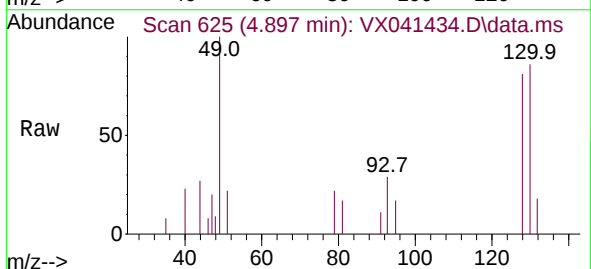
Instrument :
MSVOA_X
ClientSampleId :

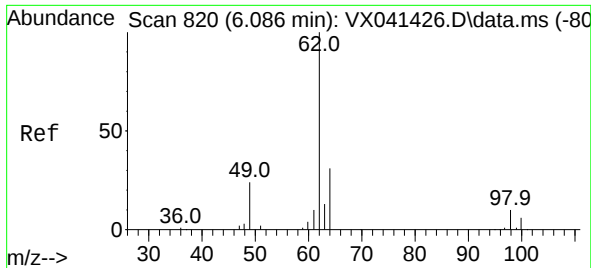
Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
72 30.2 12.4 37.4



#23
Bromochloromethane
Concen: 2.352 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion: 128 Resp: 1921
Ion Ratio Lower Upper
128 100
49 124.2 97.7 181.5
130 107.3 90.5 168.1
51 27.6 35.0 52.4#

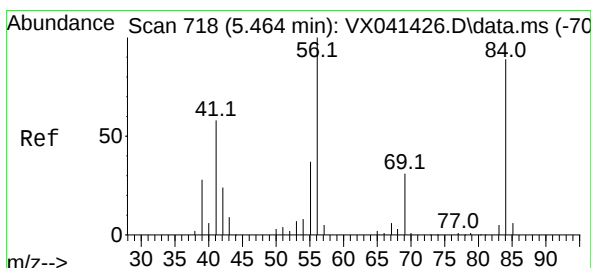
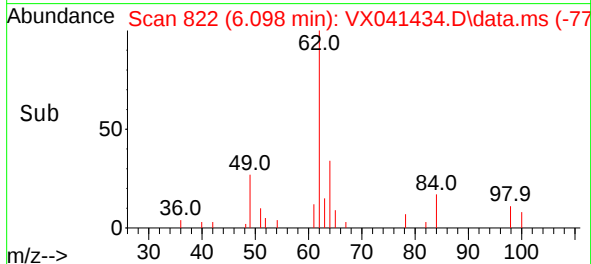
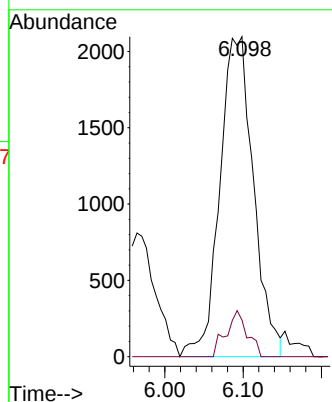
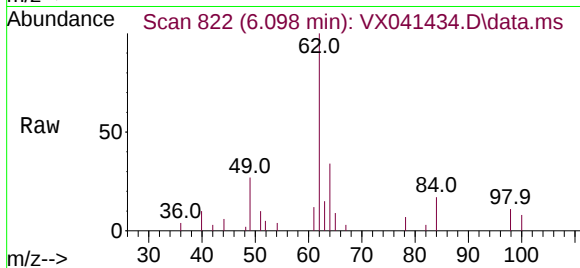




#27
1,2-Dichloroethane
Concen: 2.831 ug/L
RT: 6.098 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

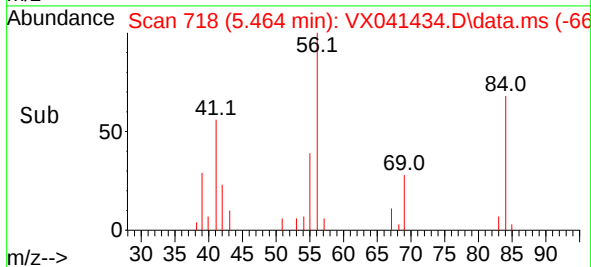
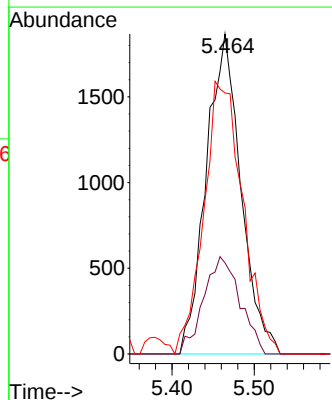
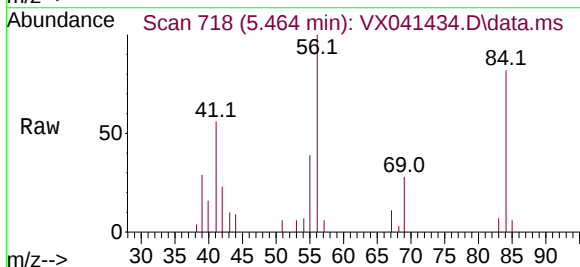
Instrument :
MSVOA_X
ClientSampleId :

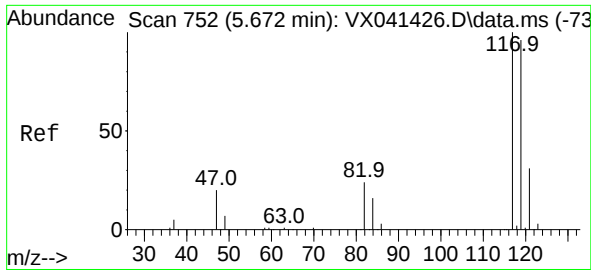
Tgt Ion: 62 Resp: 6269
Ion Ratio Lower Upper
62 100
98 11.4 8.2 12.2



#29
Cyclohexane
Concen: 2.209 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion: 56 Resp: 5472
Ion Ratio Lower Upper
56 100
69 30.6 25.0 37.6
84 55.3 73.3 109.9#





#31

Carbon tetrachloride

Concen: 2.011 ug/L

RT: 5.678 min Scan# 752

Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

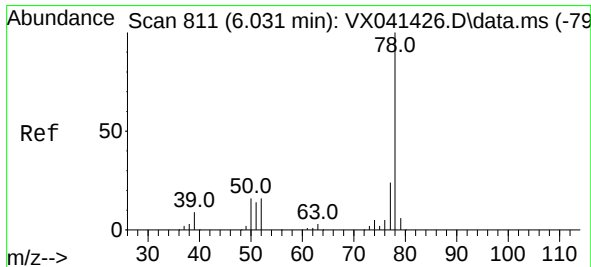
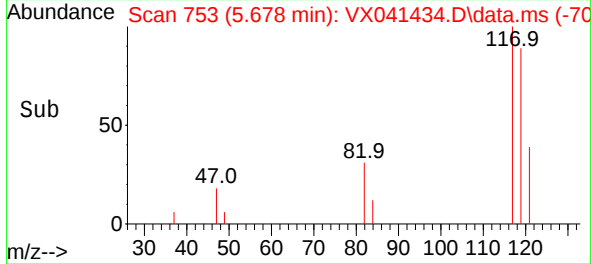
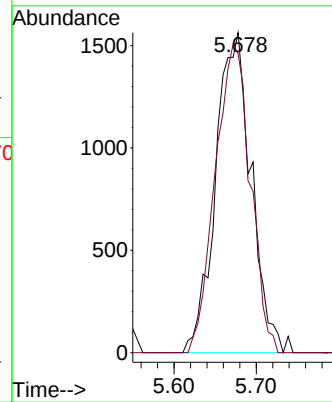
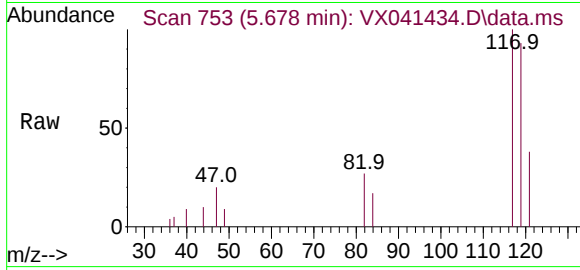
ClientSampleId :

Tgt Ion:117 Resp: 4682

Ion Ratio Lower Upper

117 100

119 95.8 76.3 114.5



#33

Benzene

Concen: 2.321 ug/L

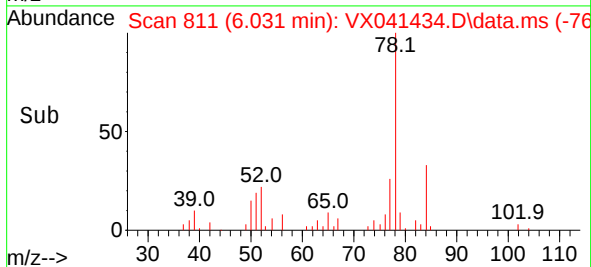
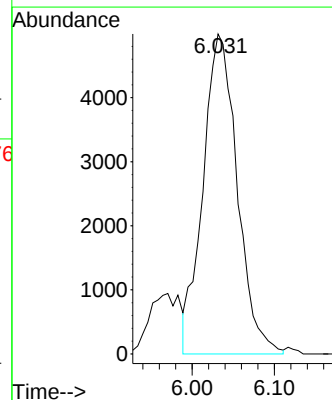
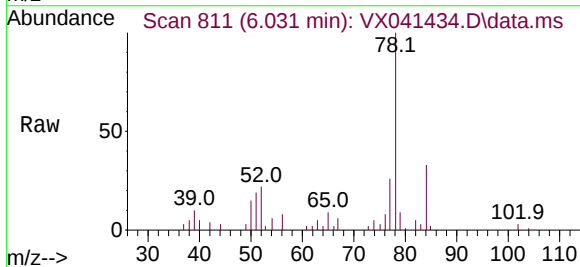
RT: 6.031 min Scan# 811

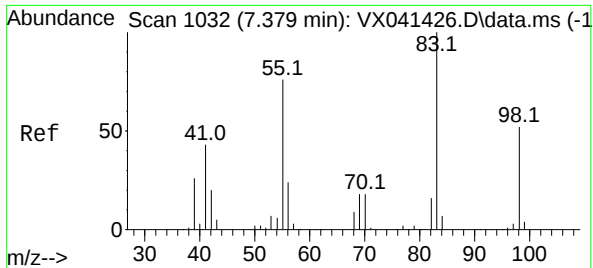
Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Tgt Ion: 78 Resp: 14467





#35

Methylcyclohexane

Concen: 2.243 ug/L

RT: 7.373 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

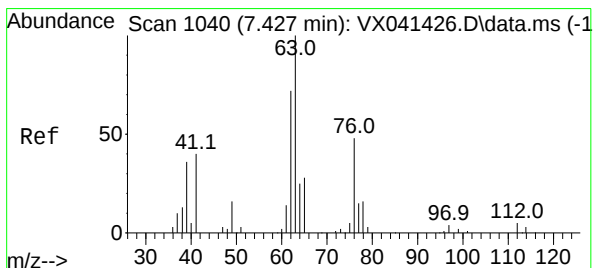
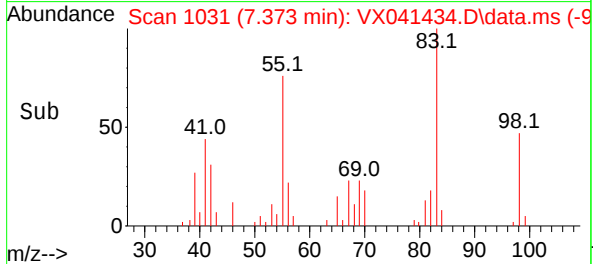
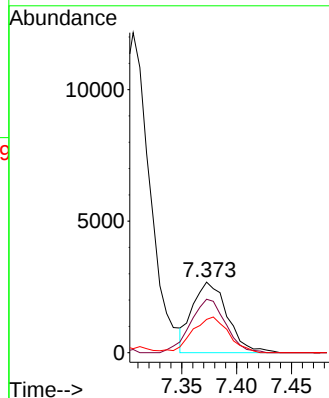
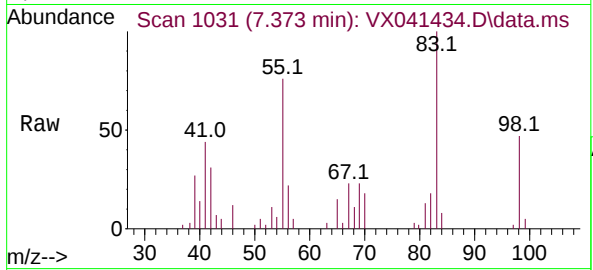
Tgt Ion: 83 Resp: 5935

Ion Ratio Lower Upper

83 100

55 76.0 59.0 88.4

98 51.2 40.8 61.2



#37

1,2-Dichloropropane

Concen: 2.343 ug/L

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041434.D

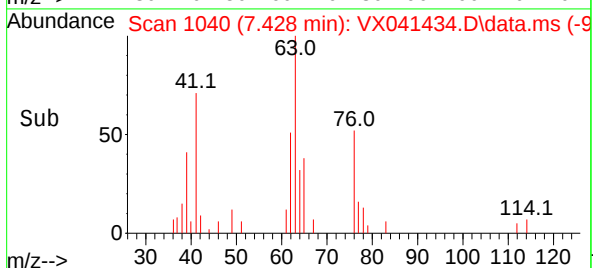
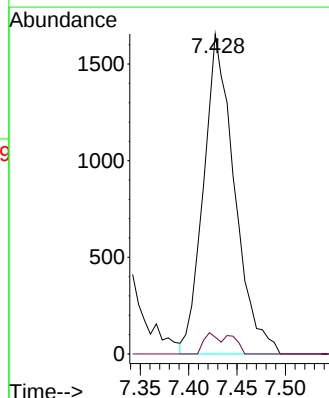
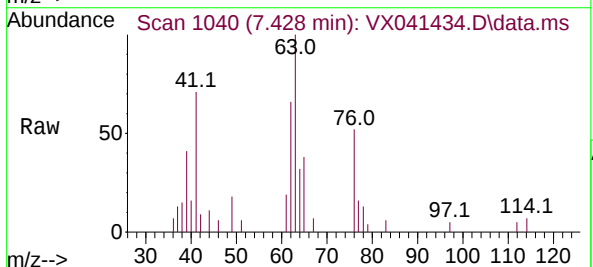
Acq: 09 May 2024 15:06

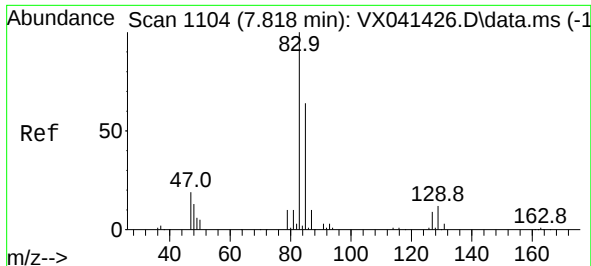
Tgt Ion: 63 Resp: 3678

Ion Ratio Lower Upper

63 100

112 3.3 4.1 6.1#





#38

Bromodichloromethane

Concen: 1.989 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX041434.D

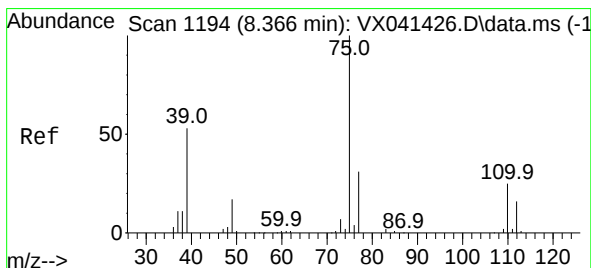
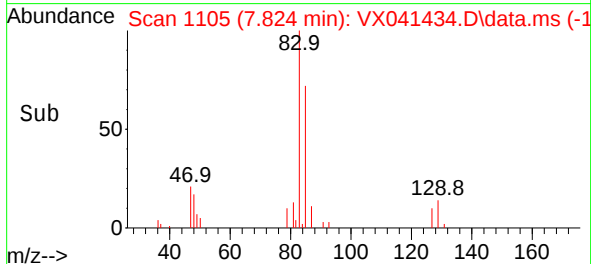
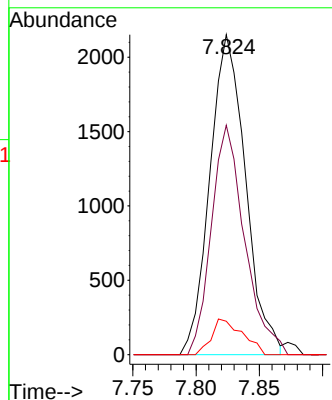
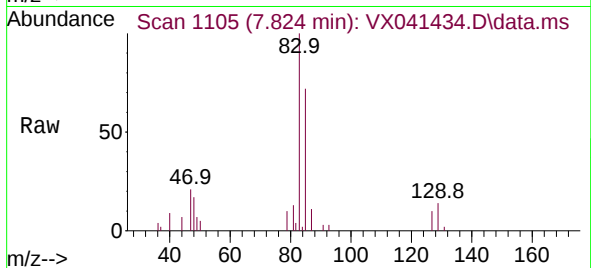
Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	83	Resp:	4220
Ion	Ratio	Lower	Upper
83	100		
85	71.7	44.7	83.1
127	10.5	7.0	10.4#



#39

cis-1,3-Dichloropropene

Concen: 2.262 ug/L

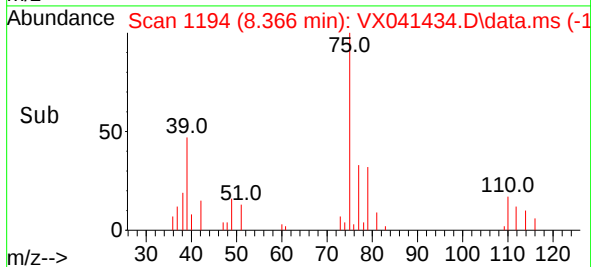
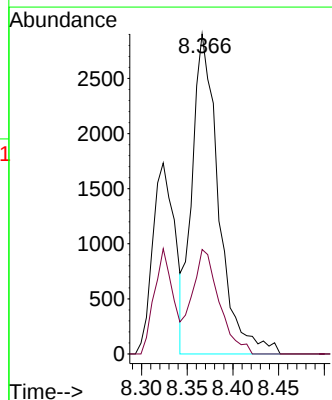
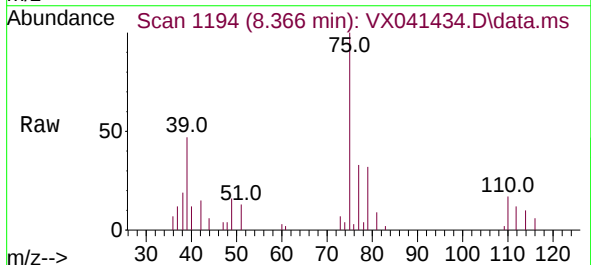
RT: 8.366 min Scan# 1194

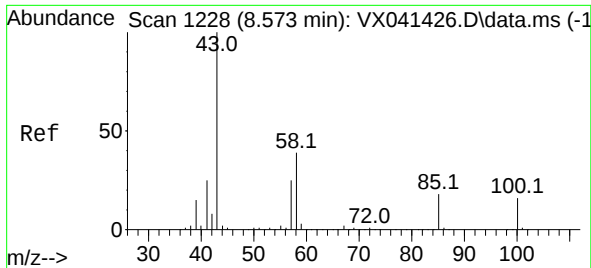
Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Tgt Ion:	75	Resp:	5881
Ion	Ratio	Lower	Upper
75	100		
77	32.7	21.8	40.6





#40

4-Methyl-2-pentanone

Concen: 4.167 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

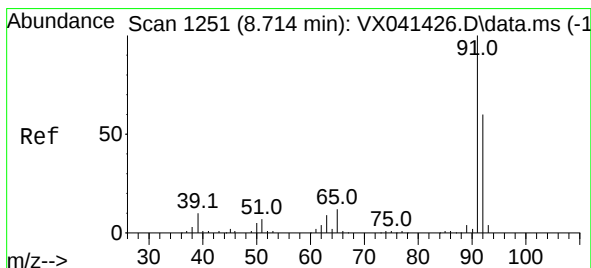
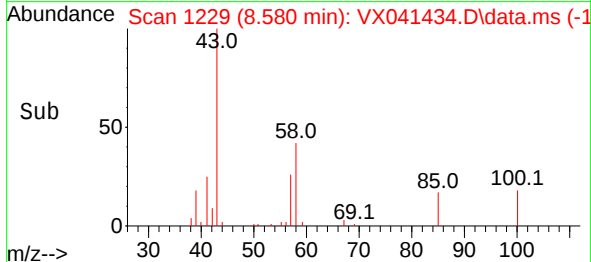
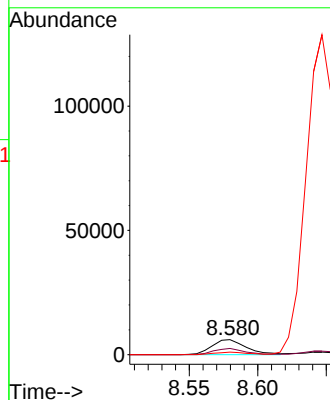
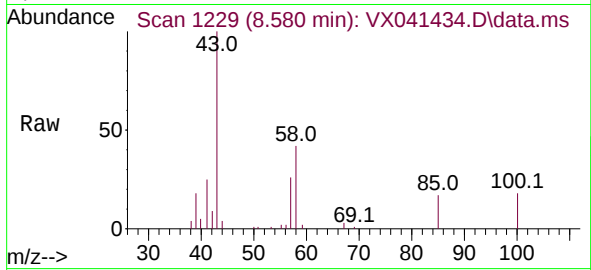
Tgt Ion: 43 Resp: 10528

Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3

100 17.0 13.6 20.4



#42

Toluene

Concen: 2.292 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX041434.D

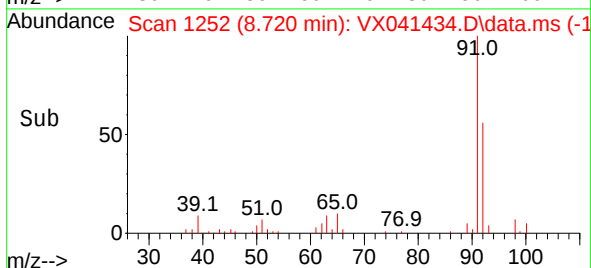
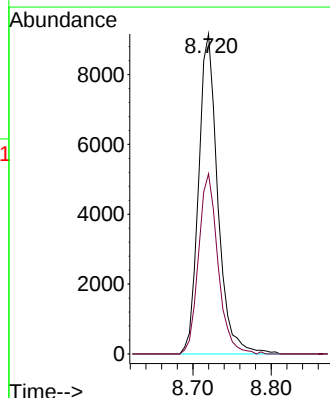
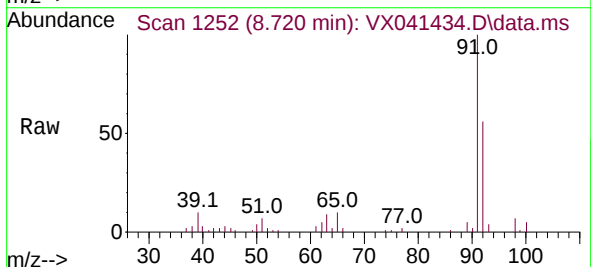
Acq: 09 May 2024 15:06

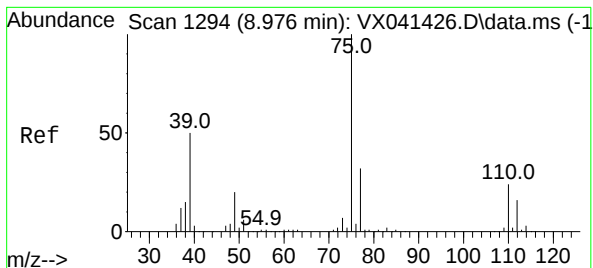
Tgt Ion: 91 Resp: 15591

Ion Ratio Lower Upper

91 100

92 56.3 42.4 78.6





#44

trans-1,3-Dichloropropene

Concen: 1.990 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

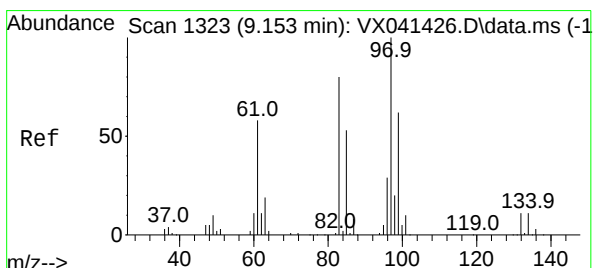
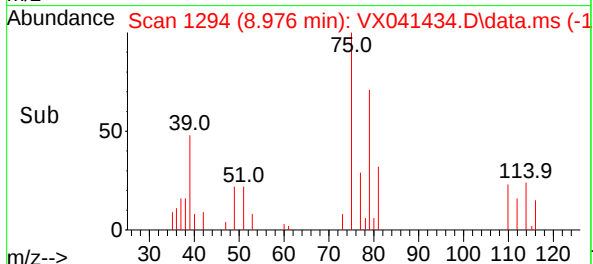
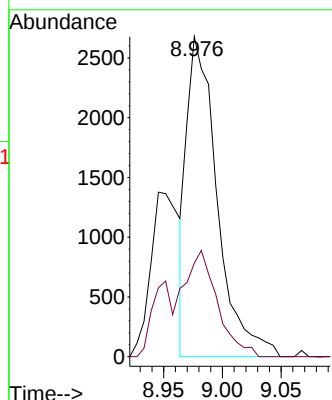
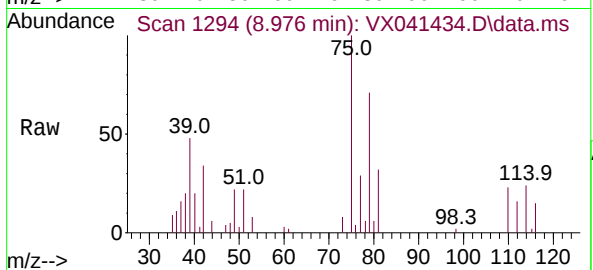
ClientSampleId :

Tgt Ion: 75 Resp: 4824

Ion Ratio Lower Upper

75 100

77 29.2 22.3 41.3



#45

1,1,2-Trichloroethane

Concen: 2.285 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Tgt Ion: 97 Resp: 3967

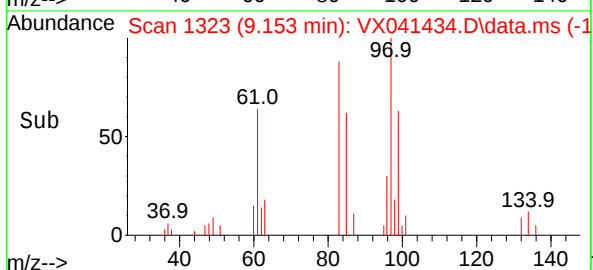
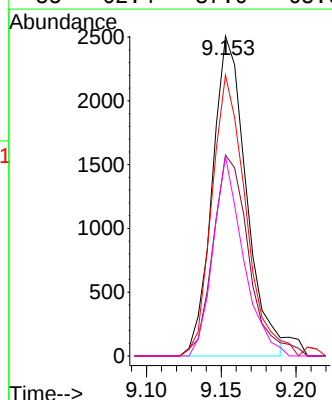
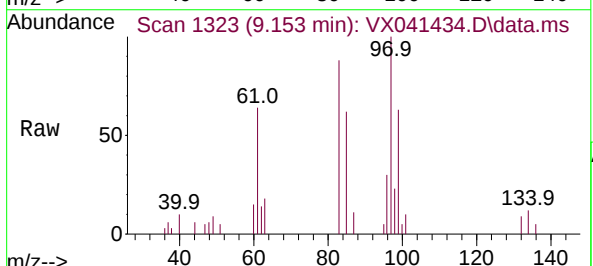
Ion Ratio Lower Upper

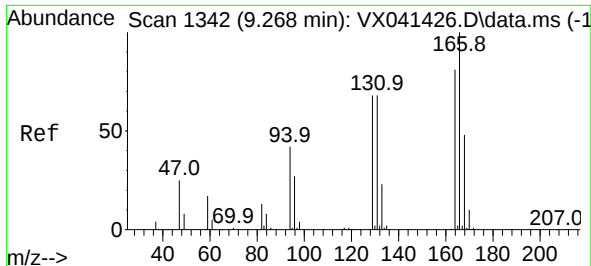
97 100

99 62.8 43.4 80.6

83 87.8 56.1 104.3

85 62.4 37.0 68.6





#46

Tetrachloroethene

Concen: 2.186 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

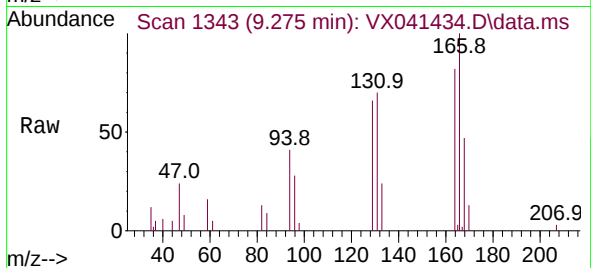
Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 3572

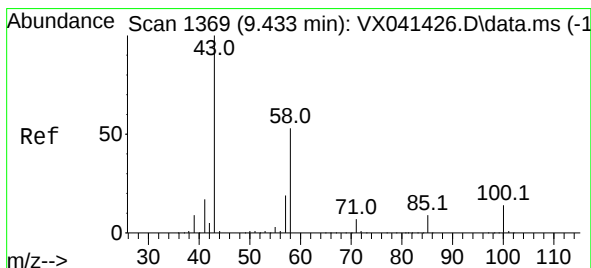
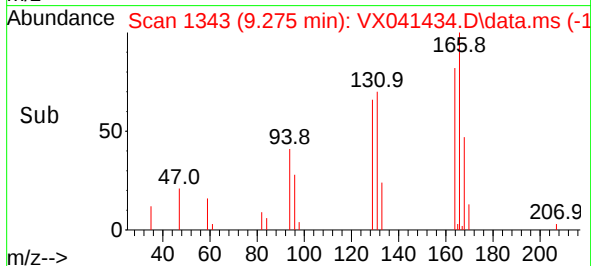
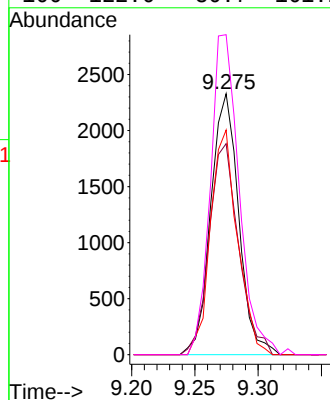
Ion Ratio Lower Upper

164 100

129 80.9 59.4 110.4

131 86.1 58.7 108.9

166 122.6 86.7 161.1



#48

2-Hexanone

Concen: 4.389 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Tgt Ion: 43 Resp: 8884

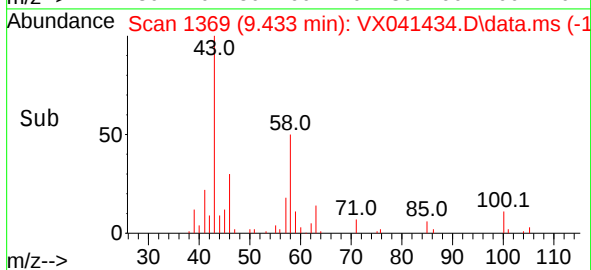
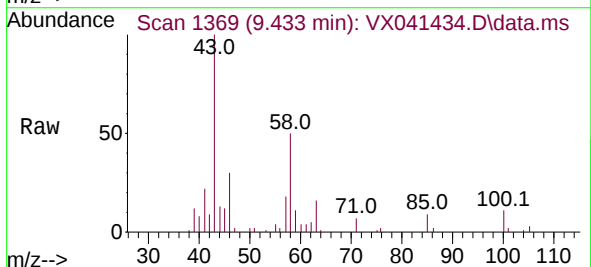
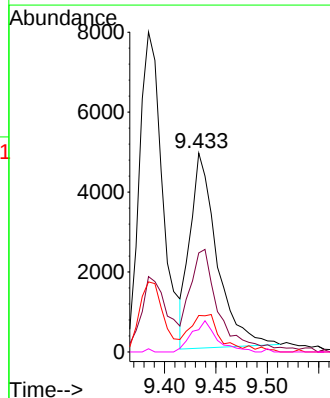
Ion Ratio Lower Upper

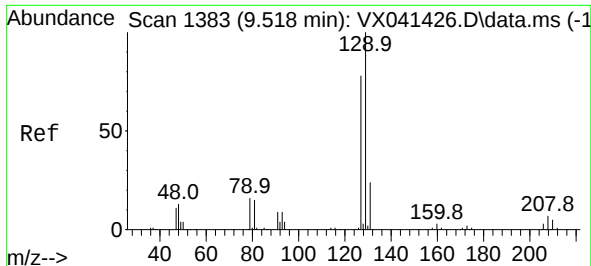
43 100

58 56.2 42.3 63.5

57 18.9 15.1 22.7

100 14.9 10.6 16.0





#49

Dibromochloromethane

Concen: 1.733 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

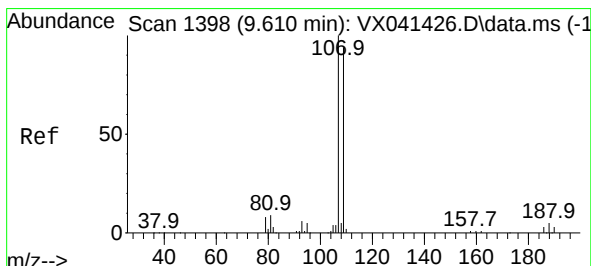
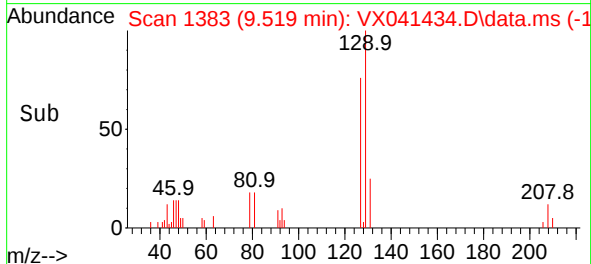
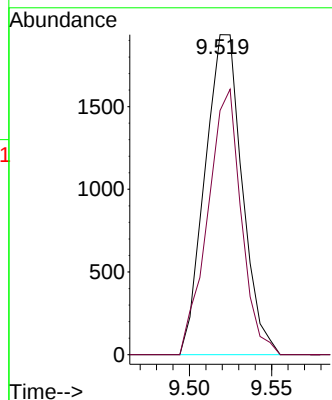
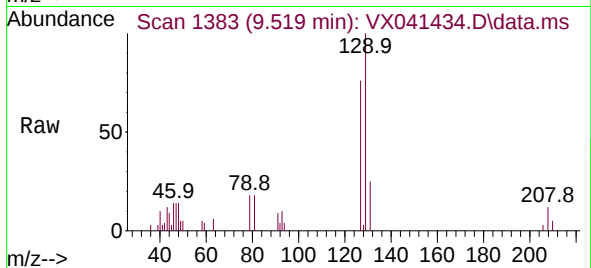
ClientSampleId :

Tgt Ion:129 Resp: 3041

Ion Ratio Lower Upper

129 100

127 76.3 54.4 101.0



#50

1,2-Dibromoethane

Concen: 1.930 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

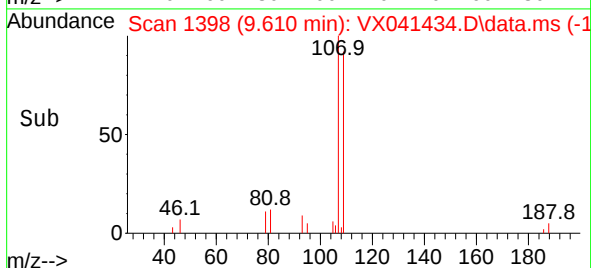
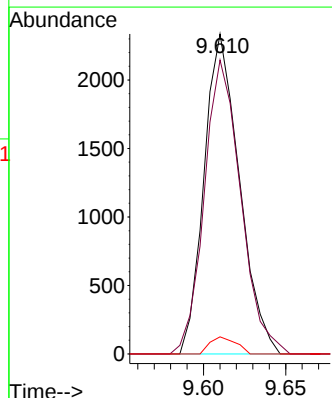
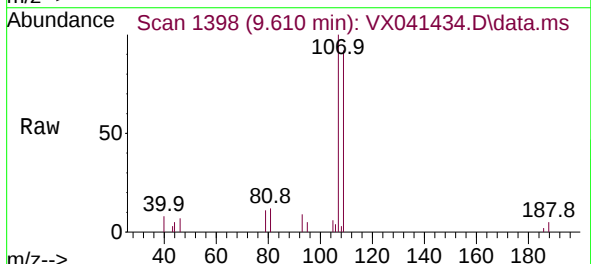
Tgt Ion:107 Resp: 3485

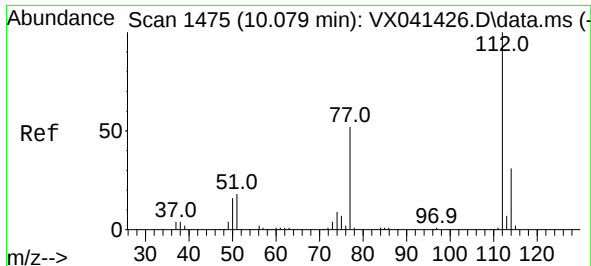
Ion Ratio Lower Upper

107 100

109 91.9 66.1 122.7

188 5.4 4.0 6.0





#51

Chlorobenzene

Concen: 2.331 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041434.D

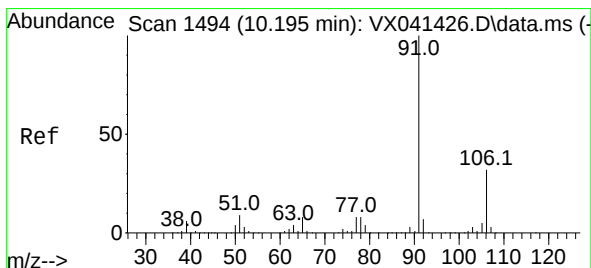
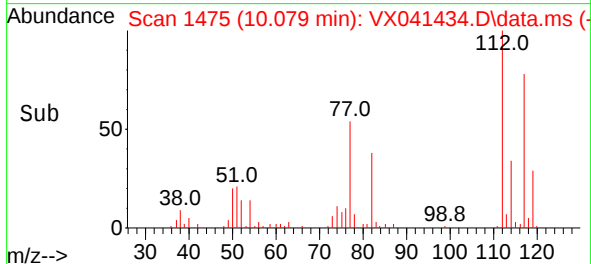
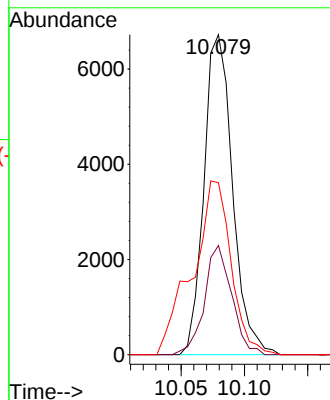
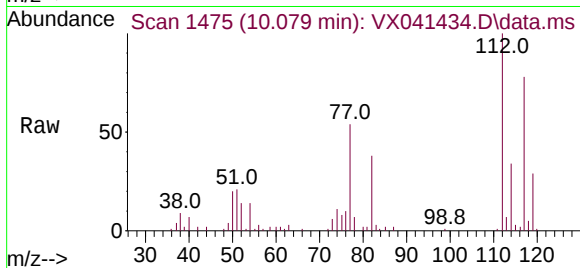
Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	112	Resp:	10577
Ion Ratio	Lower	Upper	
112	100		
114	34.1	22.0	41.0
77	53.7	41.7	62.5



#52

Ethylbenzene

Concen: 2.186 ug/L

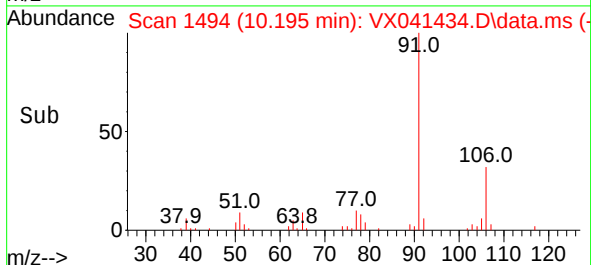
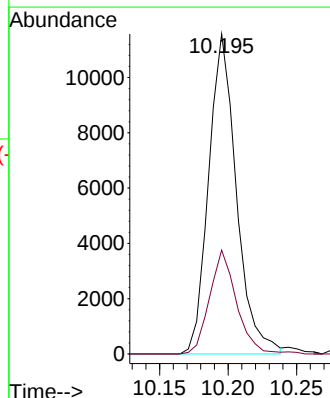
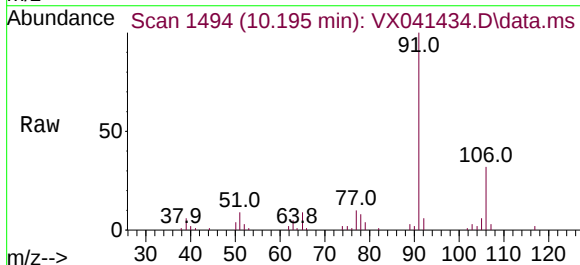
RT: 10.195 min Scan# 1494

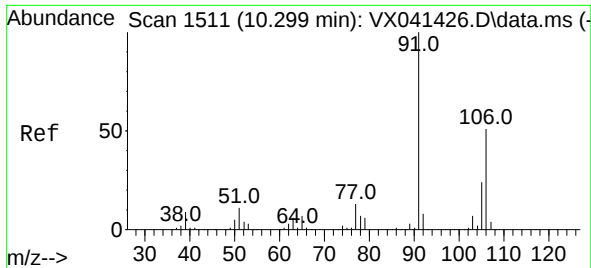
Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Tgt Ion:	91	Resp:	16315
Ion Ratio	Lower	Upper	
91	100		
106	32.4	22.2	41.2





#53

m,p-Xylene

Concen: 2.142 ug/L

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

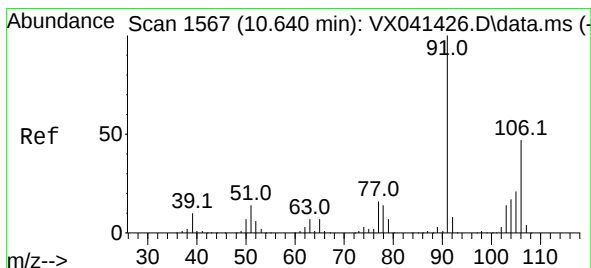
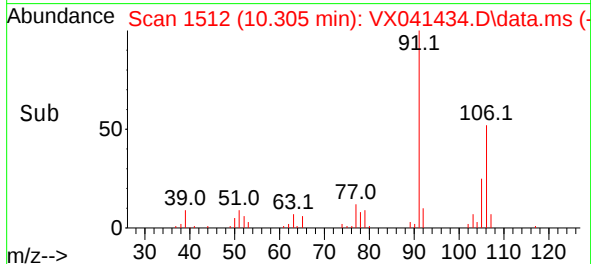
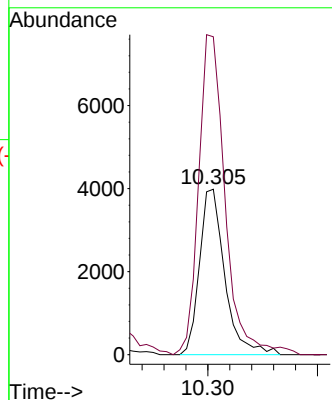
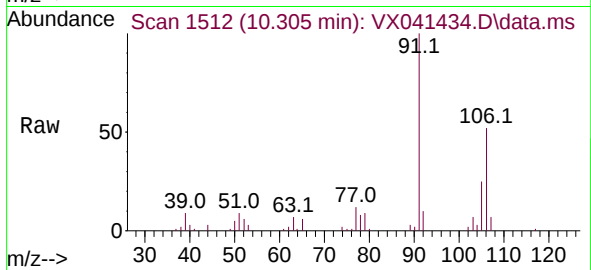
ClientSampleId :

Tgt Ion:106 Resp: 6396

Ion Ratio Lower Upper

106 100

91 192.1 138.1 256.5



#54

o-Xylene

Concen: 2.147 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX041434.D

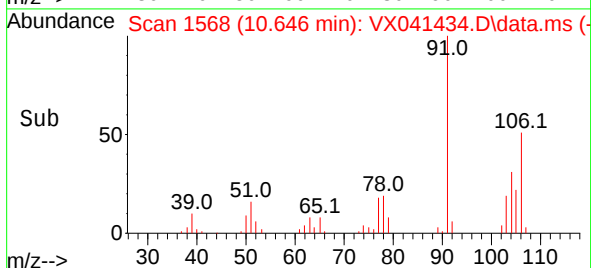
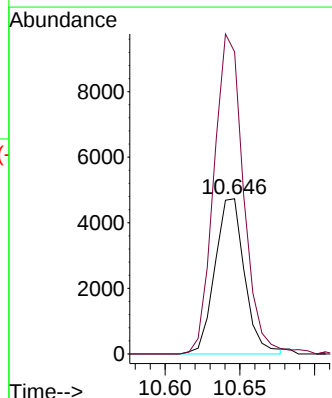
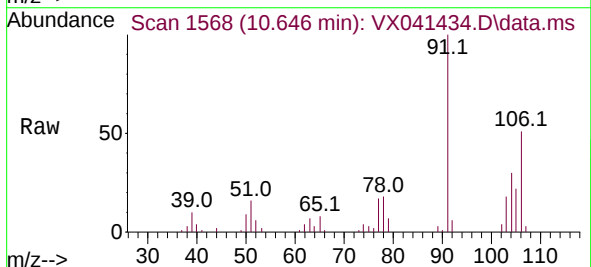
Acq: 09 May 2024 15:06

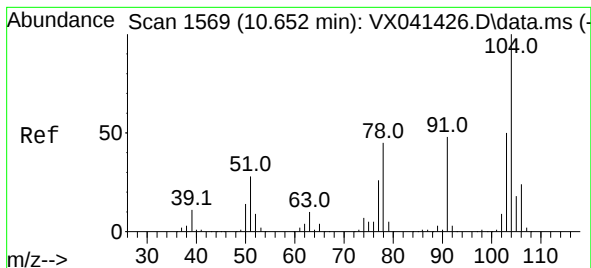
Tgt Ion:106 Resp: 6532

Ion Ratio Lower Upper

106 100

91 194.7 148.4 275.6





#55

Styrene

Concen: 1.933 ug/L

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

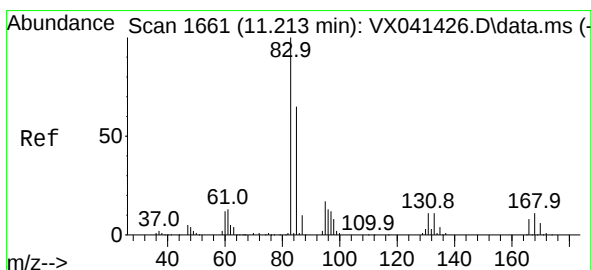
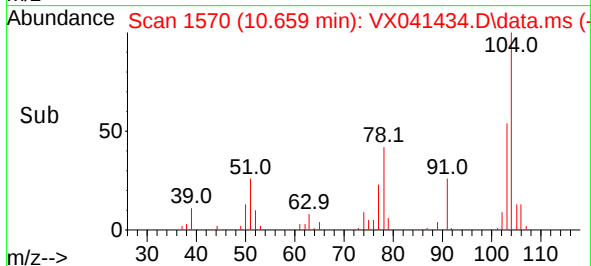
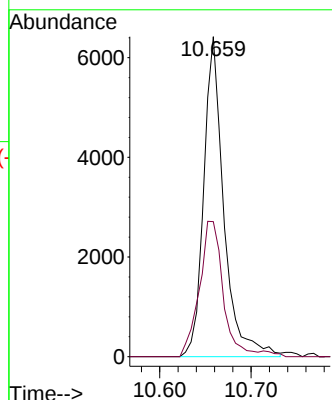
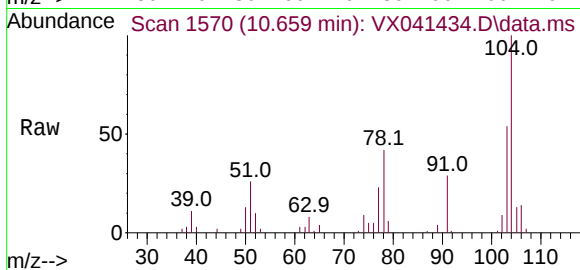
ClientSampleId :

Tgt Ion:104 Resp: 9823

Ion Ratio Lower Upper

104 100

78 42.2 31.2 58.0



#57

1,1,2,2-Tetrachloroethane

Concen: 2.656 ug/L

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

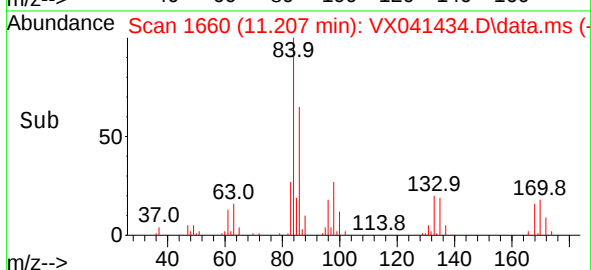
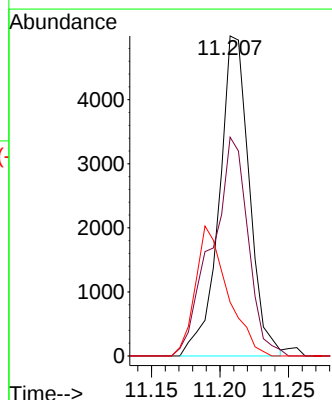
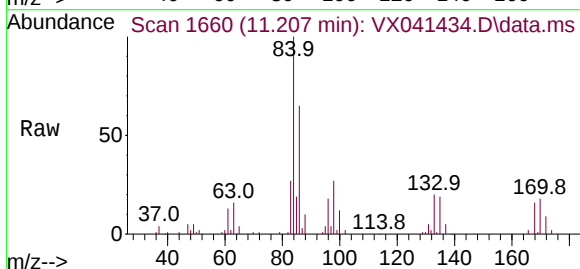
Tgt Ion: 83 Resp: 7649

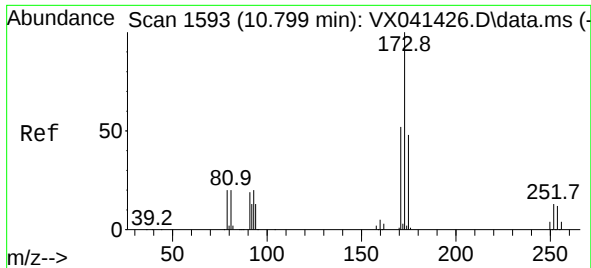
Ion Ratio Lower Upper

83 100

85 68.3 45.4 84.4

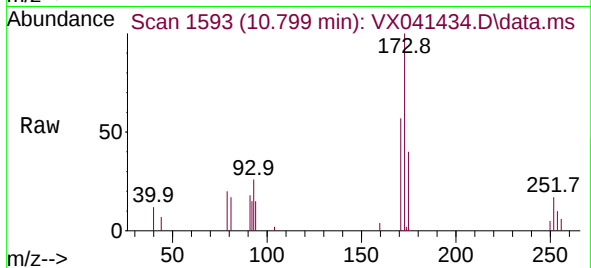
131 16.8 9.0 13.4#



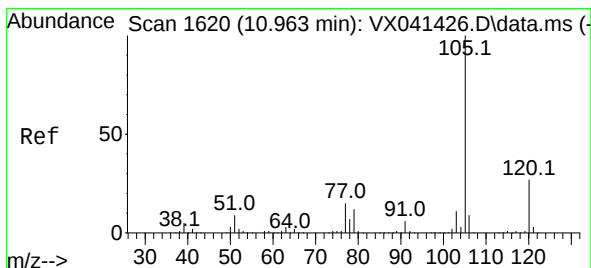
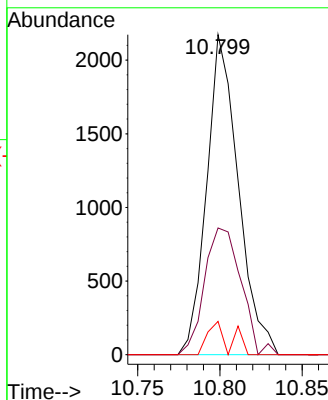
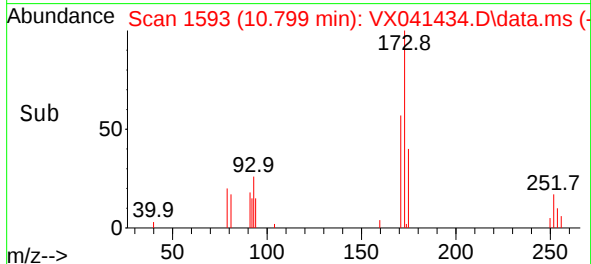


#59
Bromoform
Concen: 2.081 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

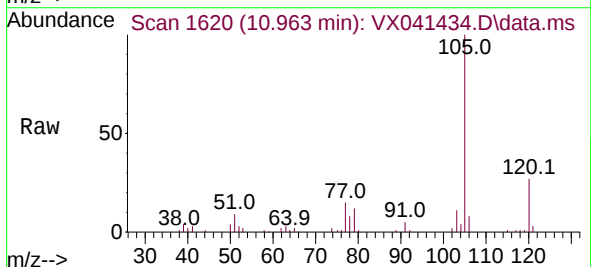
Instrument :
MSVOA_X
ClientSampleId :



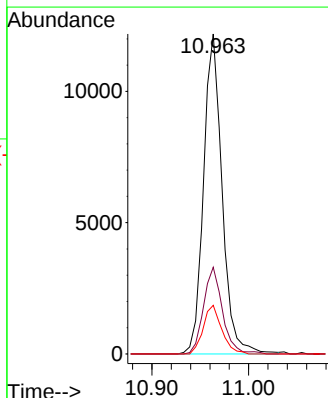
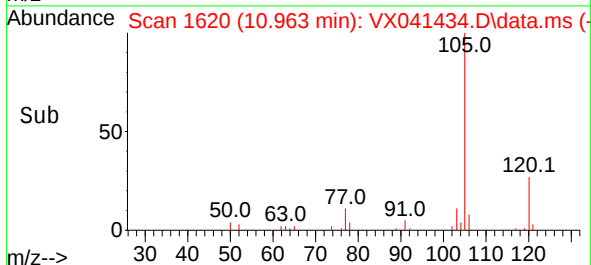
Tgt Ion:173 Resp: 2908
Ion Ratio Lower Upper
173 100
175 44.7 38.6 58.0
254 4.8 10.0 15.0#

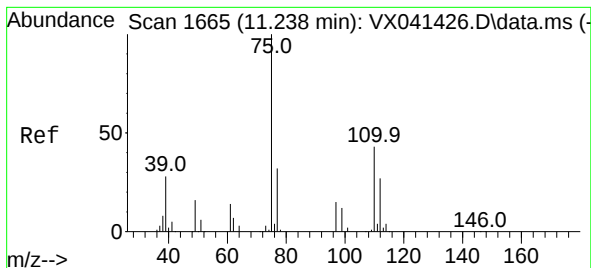


#60
Isopropylbenzene
Concen: 2.239 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06



Tgt Ion:105 Resp: 16314
Ion Ratio Lower Upper
105 100
120 27.3 22.0 33.0
77 15.1 12.1 18.1





#61

1,2,3-Trichloropropane

Concen: 2.596 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

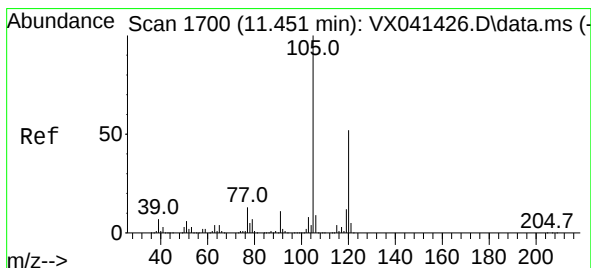
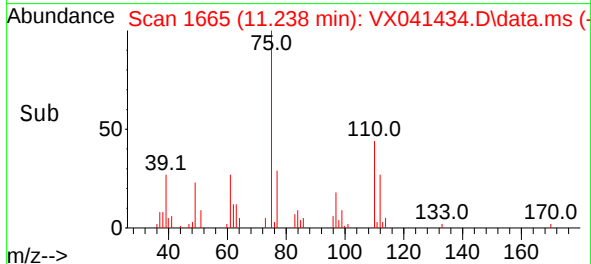
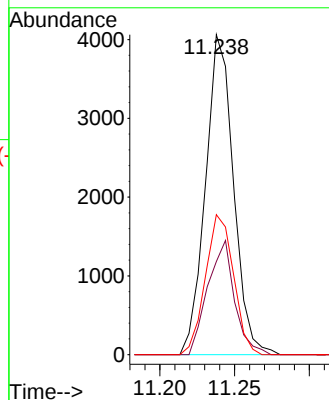
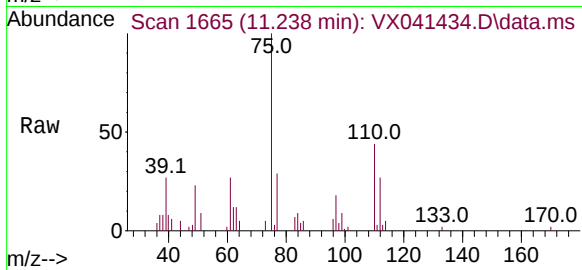
Tgt Ion: 75 Resp: 5299

Ion Ratio Lower Upper

75 100

77 34.1 25.8 38.6

110 43.8 34.8 52.2



#62

1,3,5-Trimethylbenzene

Concen: 2.106 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041434.D

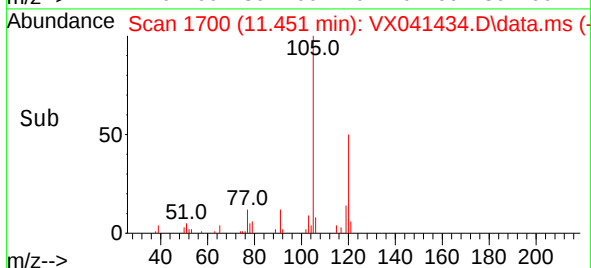
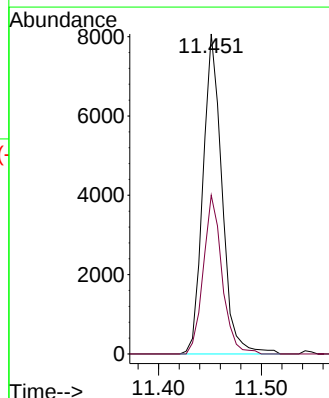
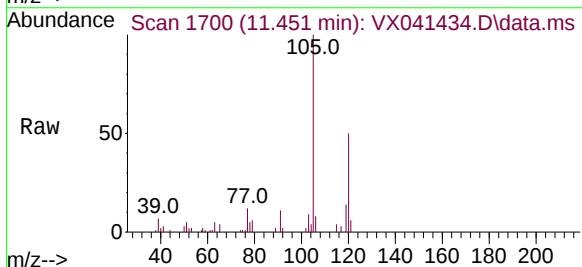
Acq: 09 May 2024 15:06

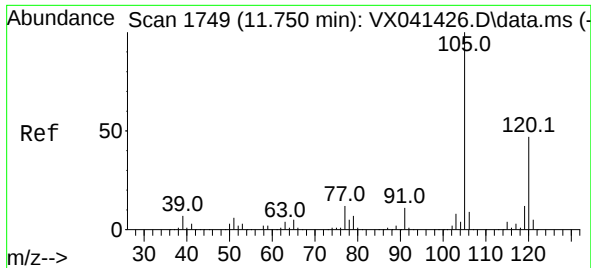
Tgt Ion: 105 Resp: 10367

Ion Ratio Lower Upper

105 100

120 49.0 40.6 61.0





#63

1,2,4-Trimethylbenzene

Concen: 1.846 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

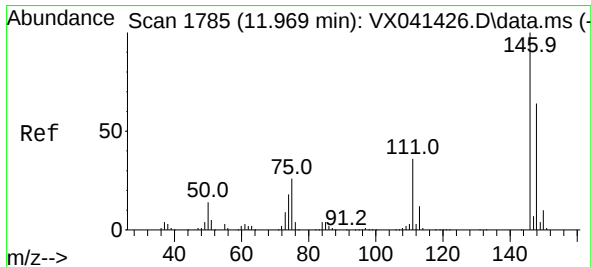
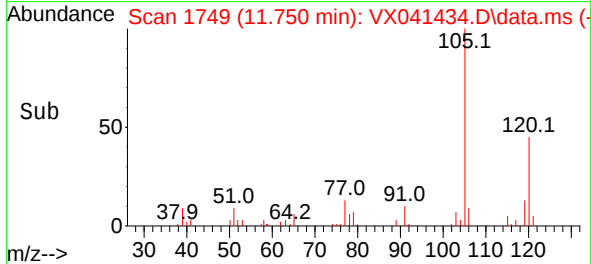
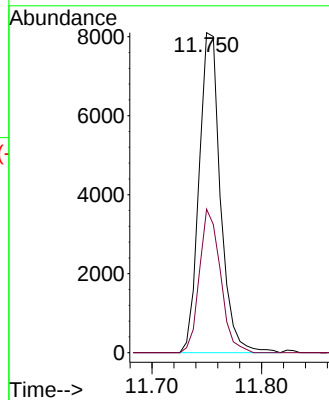
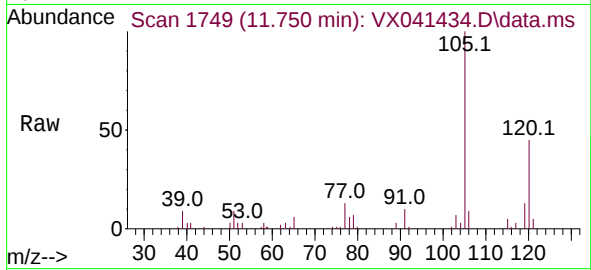
ClientSampleId :

Tgt Ion:105 Resp: 11008

Ion Ratio Lower Upper

105 100

120 43.9 37.9 56.9



#64

1,3-Dichlorobenzene

Concen: 2.318 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

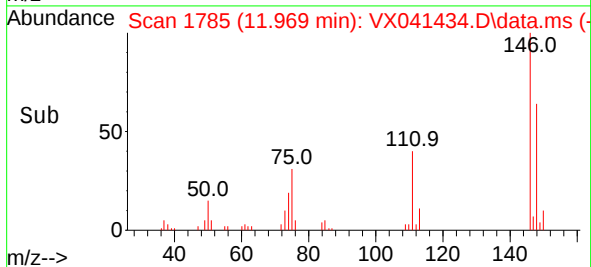
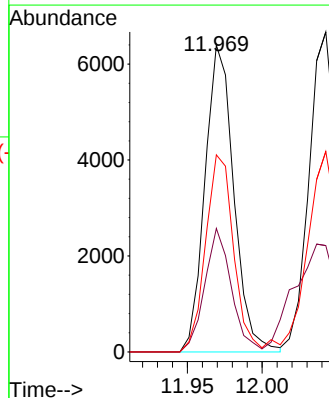
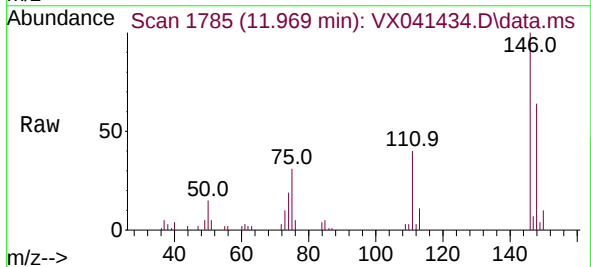
Tgt Ion:146 Resp: 8590

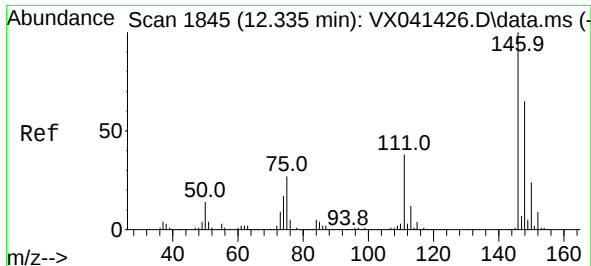
Ion Ratio Lower Upper

146 100

111 40.3 24.8 46.1

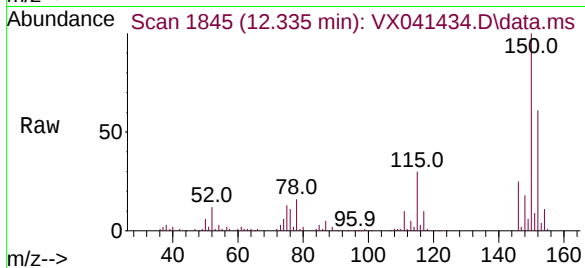
148 64.2 44.8 83.2



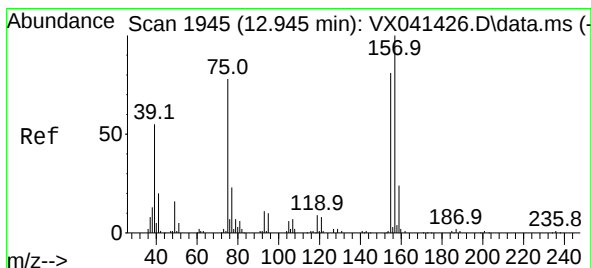
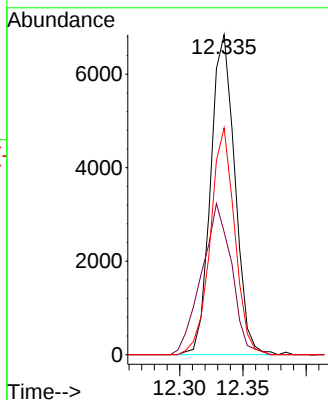
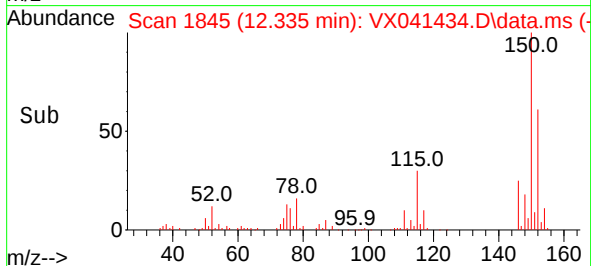


#67
1,2-Dichlorobenzene
Concen: 2.373 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

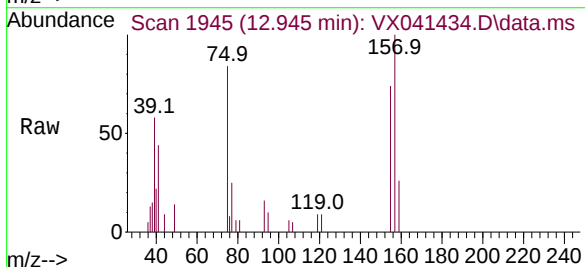
Instrument :
MSVOA_X
ClientSampleId :



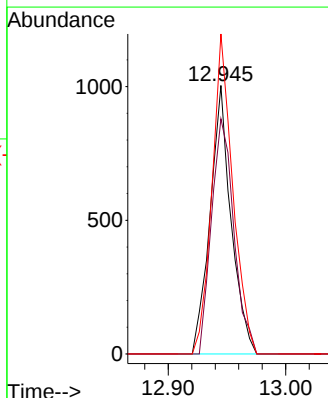
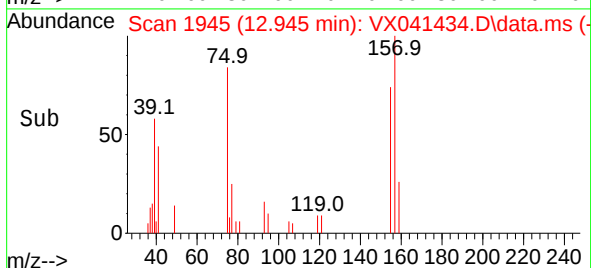
Tgt Ion:146 Resp: 9107
Ion Ratio Lower Upper
146 100
111 38.3 30.2 45.2
148 70.9 52.3 78.5

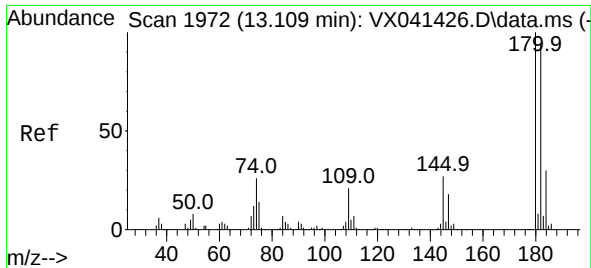


#68
1,2-Dibromo-3-chloropropane
Concen: 2.265 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06



Tgt Ion: 75 Resp: 1244
Ion Ratio Lower Upper
75 100
155 87.6 83.2 124.8
157 119.2 103.0 154.6





#69

1,3,5-Trichlorobenzene

Concen: 2.226 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.006 min

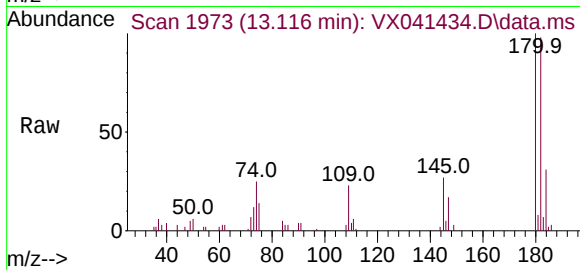
Lab File: VX041434.D

Acq: 09 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 6158

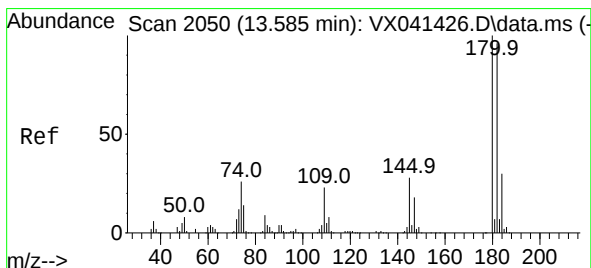
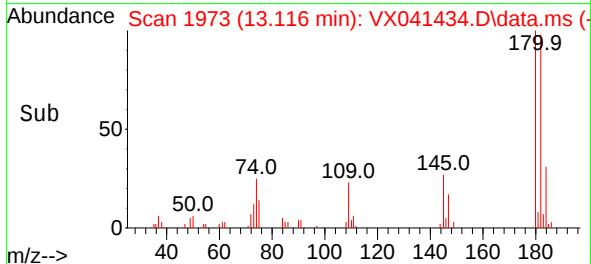
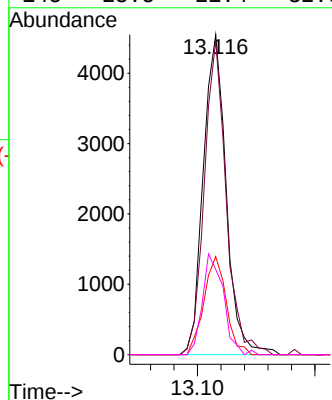
Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

184 30.0 24.3 36.5

145 28.5 21.4 32.0



#70

1,2,4-trichlorobenzene

Concen: 2.174 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041434.D

Acq: 09 May 2024 15:06

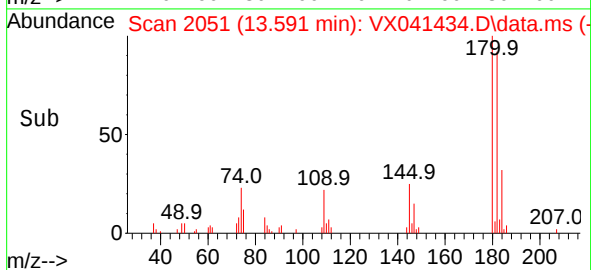
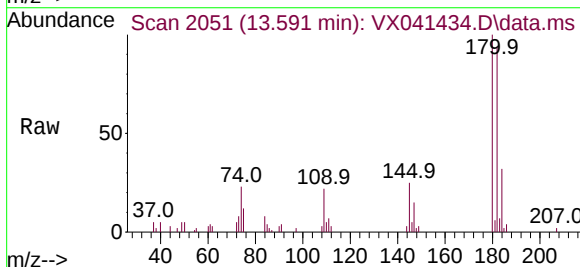
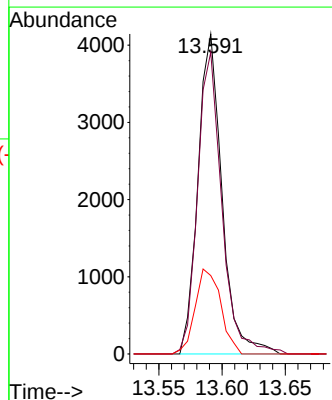
Tgt Ion:180 Resp: 5492

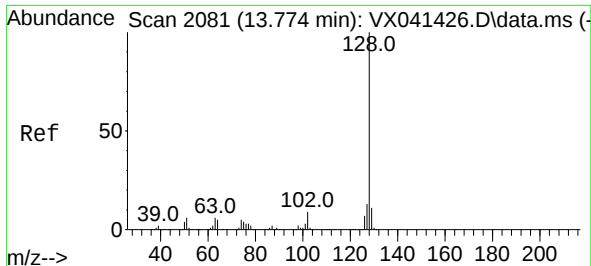
Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

145 28.1 22.0 33.0

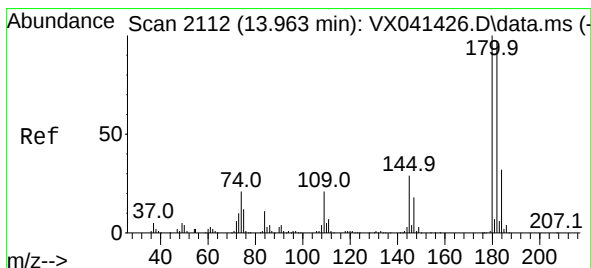
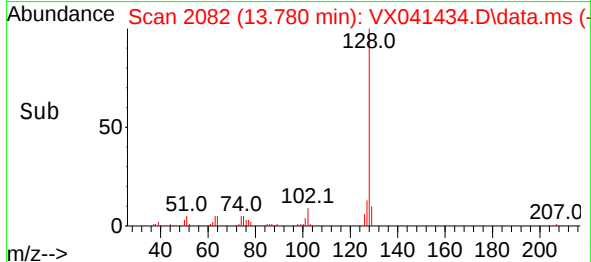
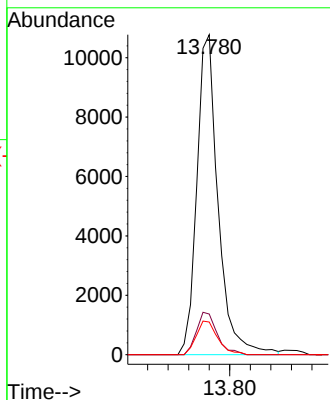
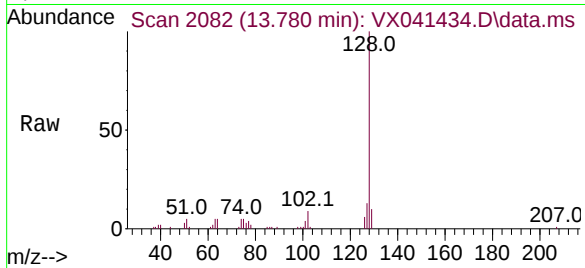




#71
Naphthalene
Concen: 2.057 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 15506
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.6 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 2.267 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041434.D
Acq: 09 May 2024 15:06

Tgt Ion:180 Resp: 5970
Ion Ratio Lower Upper
180 100
182 89.8 77.5 116.3
145 28.0 23.8 35.8

