

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040600.D
 Acq On : 06 Mar 2024 13:13
 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	153485	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	145421	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	72982	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	6303	5.037	ug/L	0.00
7) Chloroethane-d5	1.666	69	5209	5.539	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	2989	5.461	ug/L	0.00
21) 2-Butanone-d5	4.458	46	9019	8.291	ug/L	0.00
24) Chloroform-d	5.056	84	10990	4.907	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	9222	6.172	ug/L	0.00
32) Benzene-d6	5.970	84	20133	4.432	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	6322	4.347	ug/L	0.00
41) Toluene-d8	8.647	98	20533	4.936	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	3104	4.163	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	6287	7.394	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	8929	4.297	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	7143	5.001	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	6332	5.048	ug/L	96
3) Chloromethane	1.294	50	5675	4.488	ug/L	93
5) Vinyl chloride	1.374	62	5932	4.665	ug/L	90
6) Bromomethane	1.611	94	3644	5.292	ug/L	78
8) Chloroethane	1.684	64	3155	4.335	ug/L	99
9) Trichlorofluoromethane	1.886	101	8227	4.959	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	5268	5.019	ug/L	96
12) 1,1-Dichloroethene	2.318	96	4453	4.549	ug/L	88
13) Acetone	2.379	43	7692	7.845	ug/L	99
14) Carbon disulfide	2.507	76	12286	4.017	ug/L	99
15) Methyl Acetate	2.703	43	5834	4.053	ug/L	100
16) Methylene chloride	2.794	84	5021	4.504	ug/L	78
17) trans-1,2-Dichloroethene	3.087	96	4544	4.449	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	14491	4.040	ug/L	98
19) 1,1-Dichloroethane	3.605	63	8198	4.041	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	4917	4.163	ug/L	89
22) 2-Butanone	4.562	43	9052	7.425	ug/L	98
23) Bromochloromethane	4.891	128	1937	3.436	ug/L	91
25) Chloroform	5.092	83	9954	4.817	ug/L	91
27) 1,2-Dichloroethane	6.092	62	8179	4.878	ug/L #	87
29) Cyclohexane	5.458	56	7141	3.663	ug/L #	73
30) 1,1,1-Trichloroethane	5.379	97	8054	4.537	ug/L	98
31) Carbon tetrachloride	5.678	117	6723	4.534	ug/L #	54
33) Benzene	6.037	78	18026	4.025	ug/L	100
34) Trichloroethene	7.123	95	5494	4.546	ug/L	97
35) Methylcyclohexane	7.372	83	7925	4.037	ug/L	99
37) 1,2-Dichloropropane	7.433	63	4525	3.670	ug/L #	88
38) Bromodichloromethane	7.824	83	6684	4.300	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	7712	3.880	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	15036	7.248	ug/L	98
42) Toluene	8.720	91	19085	3.982	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	7120	3.830	ug/L	98

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 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:15:30 2024
 Response via : Initial Calibration

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

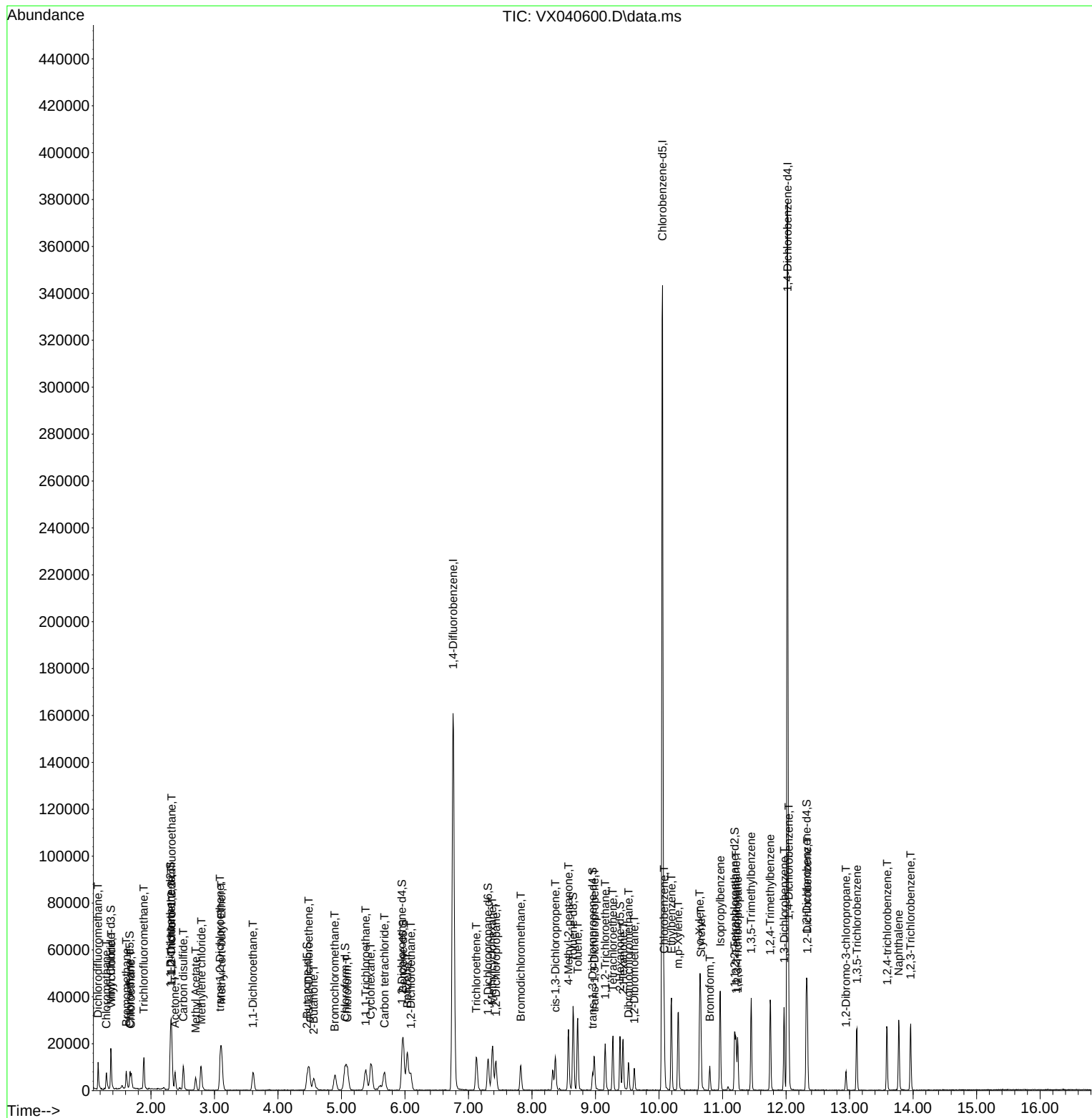
45) 1,1,2-Trichloroethane	9.153	97	4692	4.058	ug/L	86
46) Tetrachloroethene	9.275	164	3869	4.770	ug/L	99
48) 2-Hexanone	9.433	43	12671	7.345	ug/L	97
49) Dibromochloromethane	9.518	129	4788	4.196	ug/L	94
50) 1,2-Dibromoethane	9.610	107	5164	4.164	ug/L #	91
51) Chlorobenzene	10.079	112	13065	4.391	ug/L	97
52) Ethylbenzene	10.195	91	22649	4.198	ug/L	99
53) m,p-Xylene	10.299	106	8048	4.016	ug/L	87
54) o-Xylene	10.640	106	7331	3.810	ug/L	85
55) Styrene	10.658	104	12480	3.779	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	7921	3.975	ug/L	99
59) Bromoform	10.799	173	3439	3.947	ug/L	98
60) Isopropylbenzene	10.963	105	21519	4.037	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	6605	4.149	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	16651	3.703	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	16839	3.801	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	9915	4.407	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	10152	4.429	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	9412	4.333	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	1592	3.264	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.115	180	6236	4.113	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	6313	4.374	ug/L	96
71) Naphthalene	13.774	128	17762	3.642	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	5876	4.198	ug/L	96

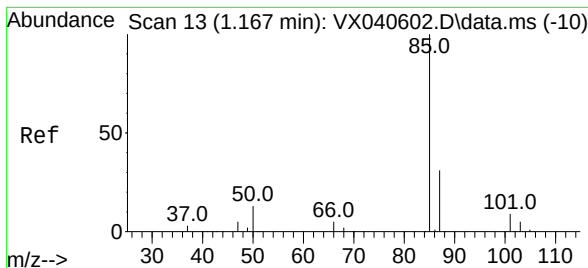
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Data File : VX040600.D
Acq On : 06 Mar 2024 13:13
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 07 01:16:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 01:15:30 2024
Response via : Initial Calibration

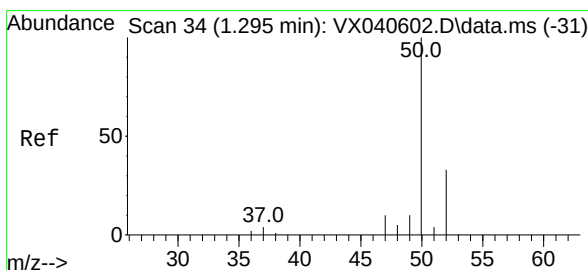
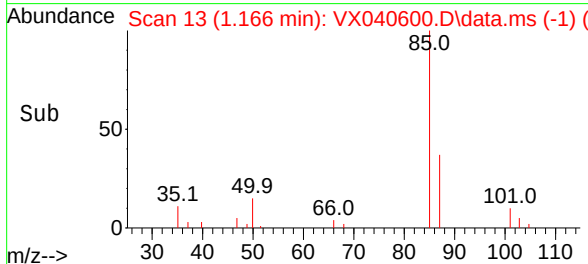
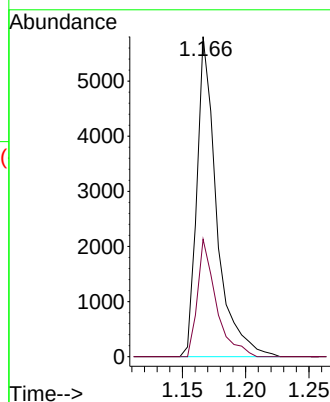
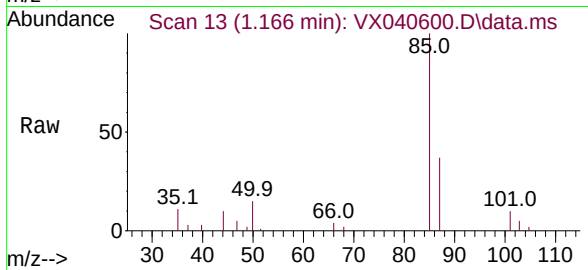




#2
 Dichlorodifluoromethane
 Concen: 5.048 ug/L
 RT: 1.166 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX040600.D
 Acq: 06 Mar 2024 13:13

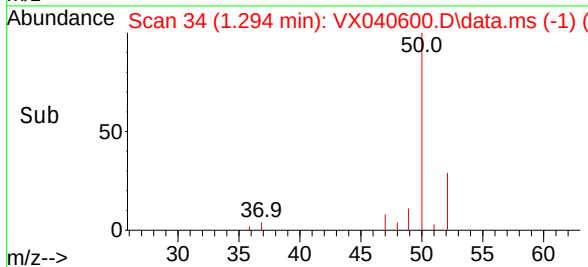
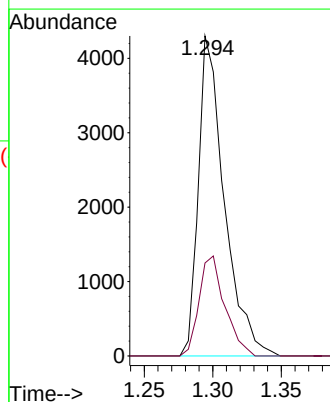
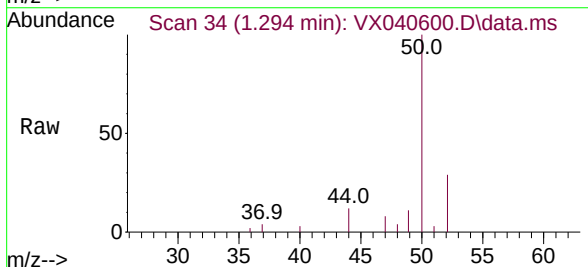
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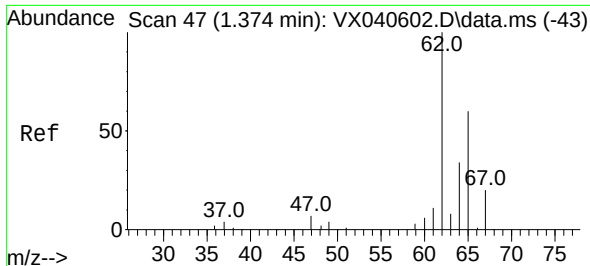
Tgt Ion: 85 Resp: 6332
 Ion Ratio Lower Upper
 85 100
 87 34.6 26.1 39.1



#3
 Chloromethane
 Concen: 4.488 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX040600.D
 Acq: 06 Mar 2024 13:13

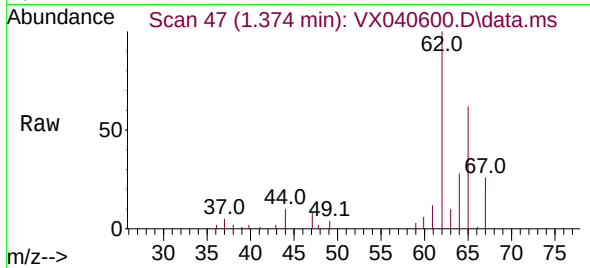
Tgt Ion: 50 Resp: 5675
 Ion Ratio Lower Upper
 50 100
 52 29.1 23.1 42.9



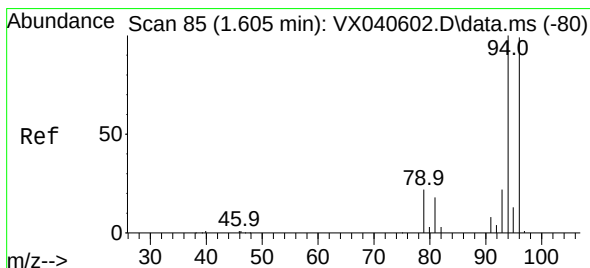
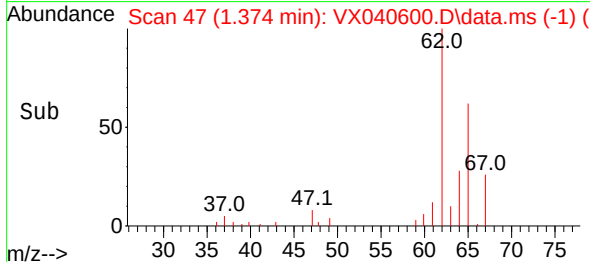
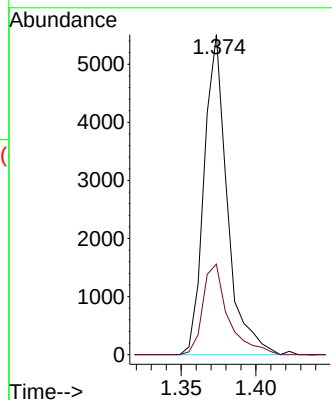


#5
 Vinyl chloride
 Concen: 4.665 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040600.D
 Acq: 06 Mar 2024 13:13

Instrument :
 MSVOA_X
 ClientSampleId :

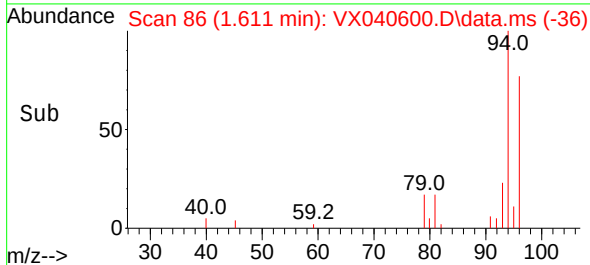
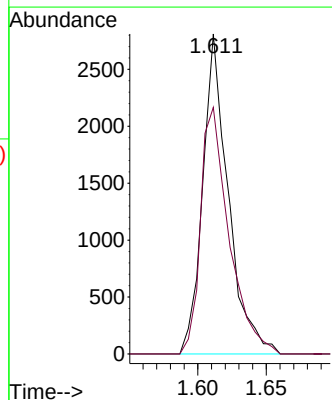
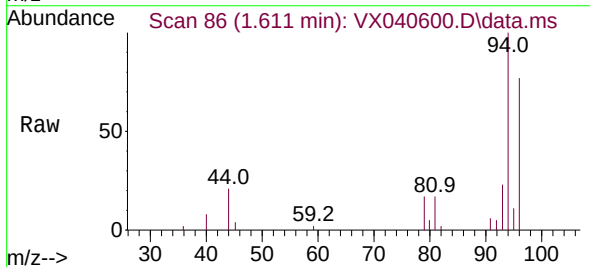


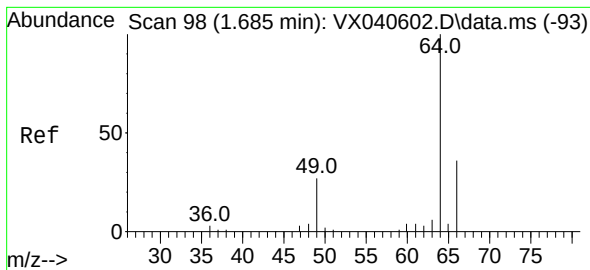
Tgt Ion: 62 Resp: 5932
 Ion Ratio Lower Upper
 62 100
 64 28.3 23.8 44.2



#6
 Bromomethane
 Concen: 5.292 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX040600.D
 Acq: 06 Mar 2024 13:13

Tgt Ion: 94 Resp: 3644
 Ion Ratio Lower Upper
 94 100
 96 77.1 69.0 128.2





#8

Chloroethane

Concen: 4.335 ug/L

RT: 1.684 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

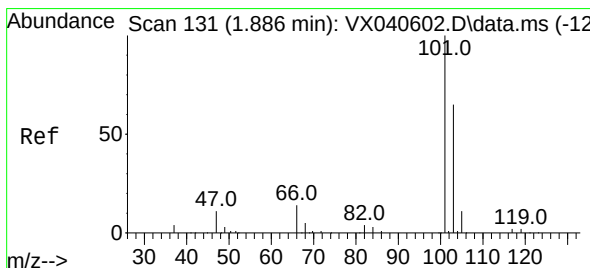
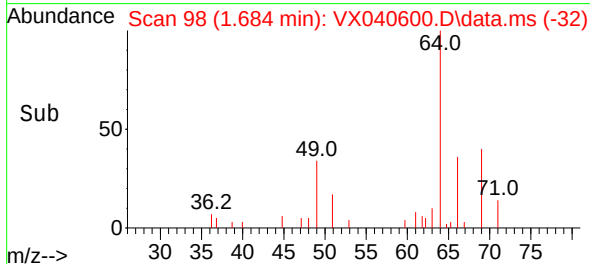
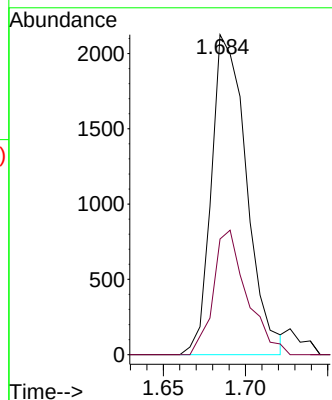
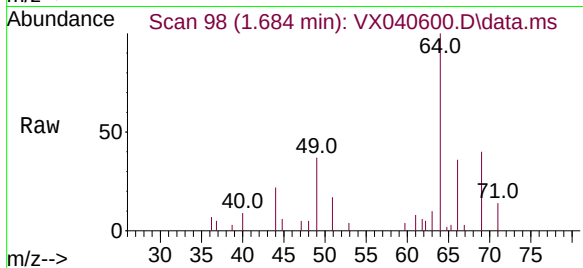
ClientSampleId :

Tgt Ion: 64 Resp: 3155

Ion Ratio Lower Upper

64 100

66 36.1 25.0 46.4



#9

Trichlorofluoromethane

Concen: 4.959 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.000 min

Lab File: VX040600.D

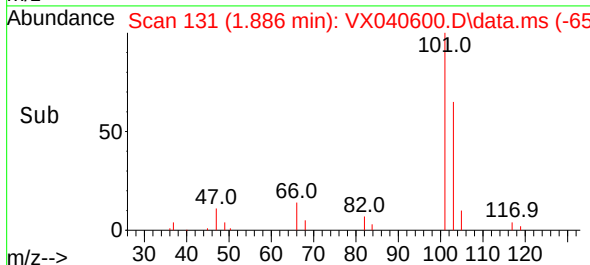
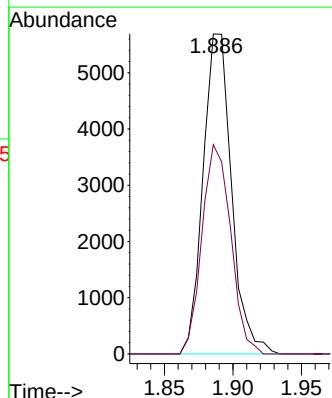
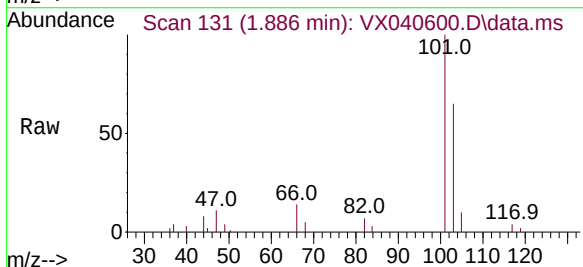
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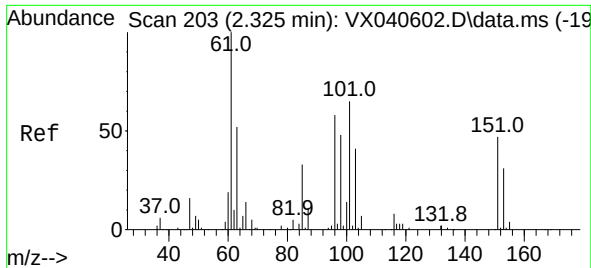
Tgt Ion:101 Resp: 8227

Ion Ratio Lower Upper

101 100

103 66.1 51.7 77.5

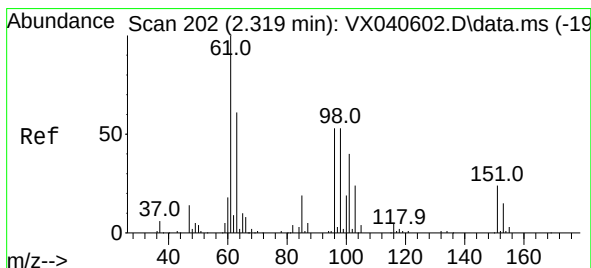
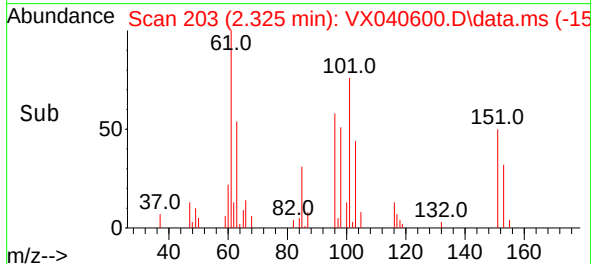
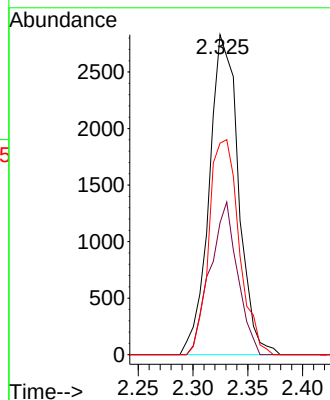
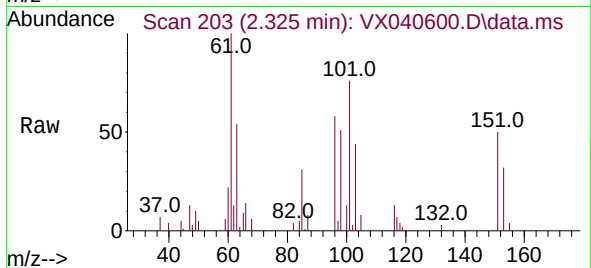




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.019 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX040600.D
 Acq: 06 Mar 2024 13:13

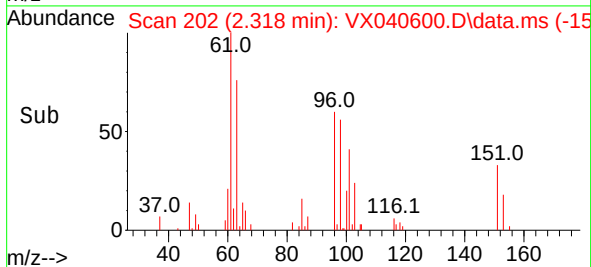
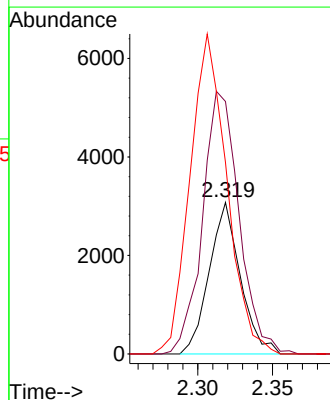
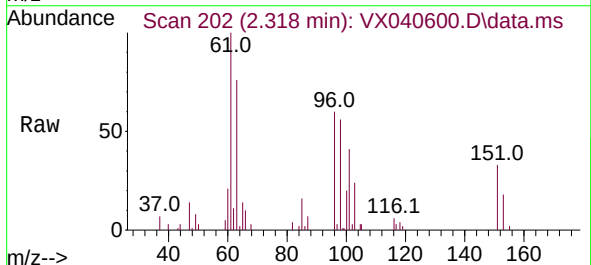
Instrument :
 MSVOA_X
 ClientSampleId :

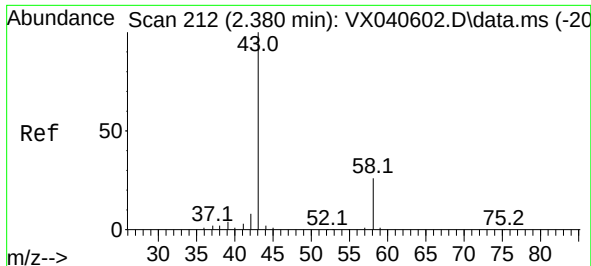
Tgt Ion:101 Resp: 5268
 Ion Ratio Lower Upper
 101 100
 85 44.6 38.3 57.5
 151 68.9 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 4.549 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040600.D
 Acq: 06 Mar 2024 13:13

Tgt Ion: 96 Resp: 4453
 Ion Ratio Lower Upper
 96 100
 61 166.6 134.8 250.4
 63 126.4 92.5 171.9

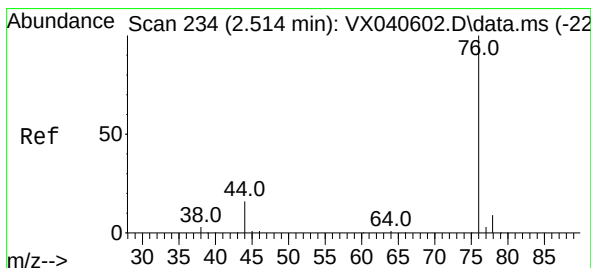
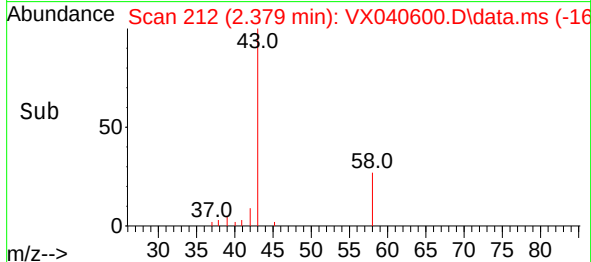
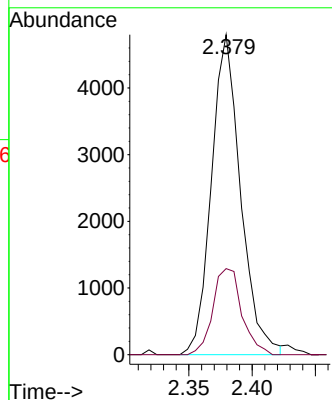
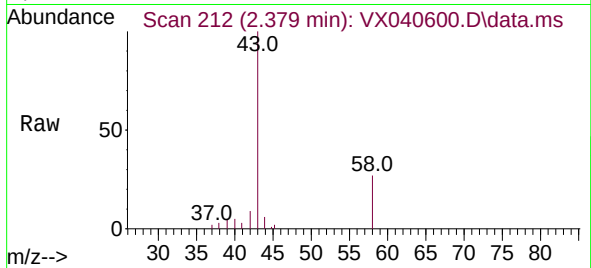




#13
Acetone
Concen: 7.845 ug/L
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

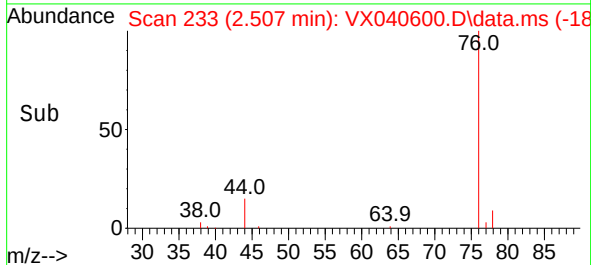
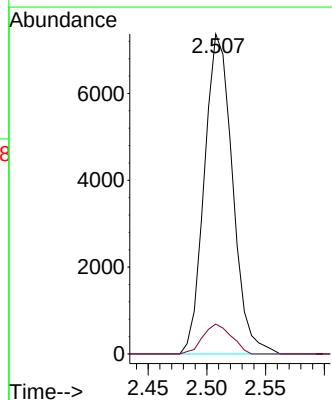
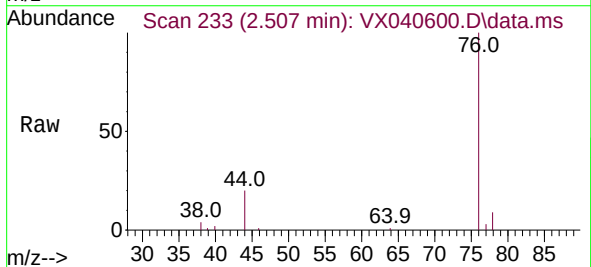
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MSVOA_X
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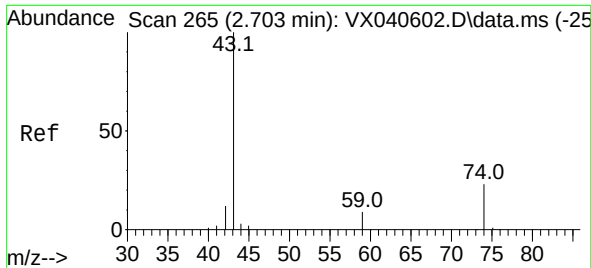
Tgt Ion: 43 Resp: 7692
Ion Ratio Lower Upper
43 100
58 26.7 0.0 54.6



#14
Carbon disulfide
Concen: 4.017 ug/L
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt Ion: 76 Resp: 12286
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

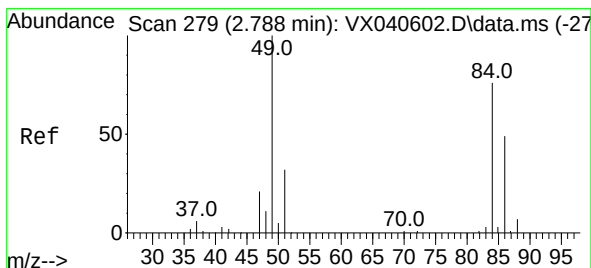
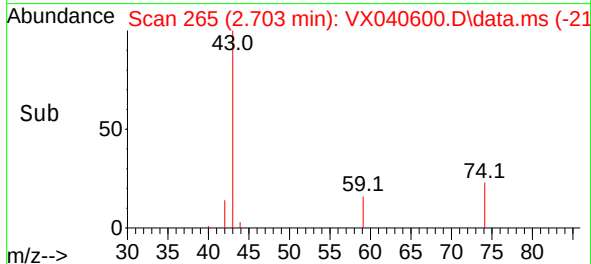
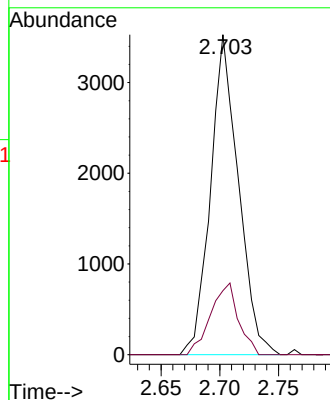
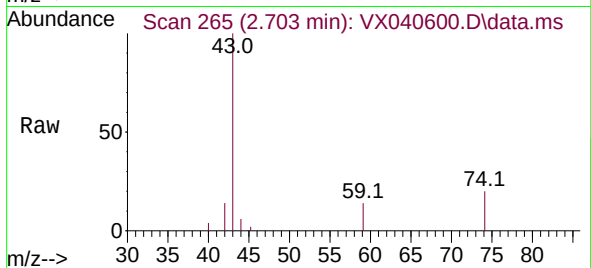




#15
Methyl Acetate
Concen: 4.053 ug/L
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

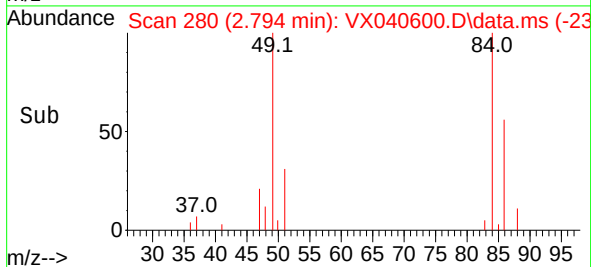
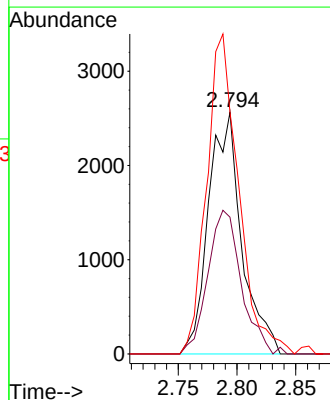
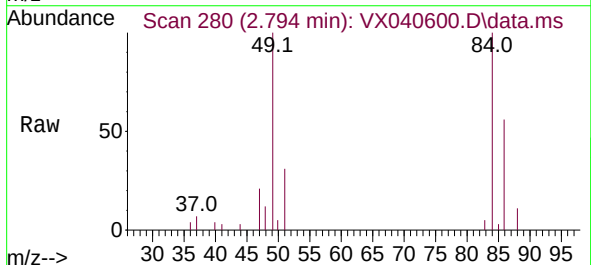
Instrument :
MSVOA_X
ClientSampleId :

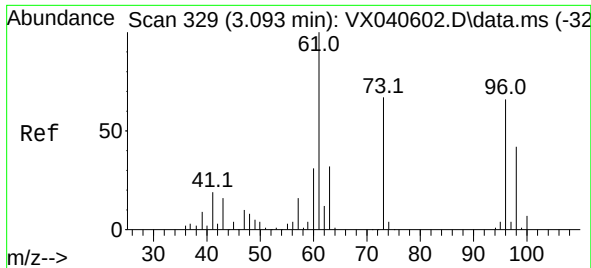
Tgt Ion: 43 Resp: 5834
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4



#16
Methylene chloride
Concen: 4.504 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt Ion: 84 Resp: 5021
Ion Ratio Lower Upper
84 100
86 56.6 45.8 85.2
49 100.2 92.6 172.0

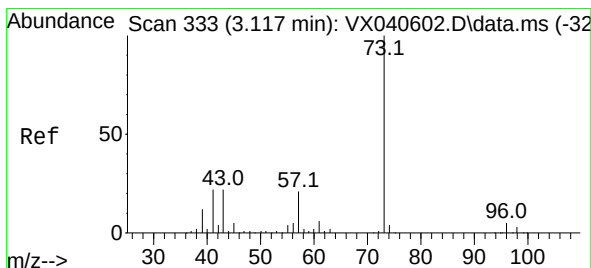
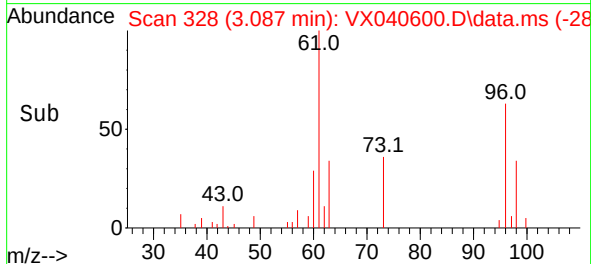
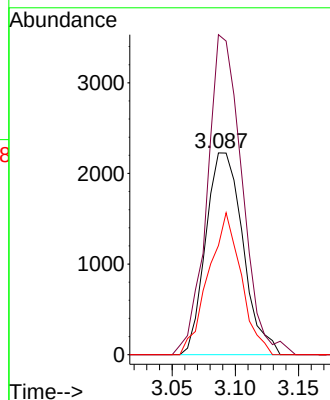
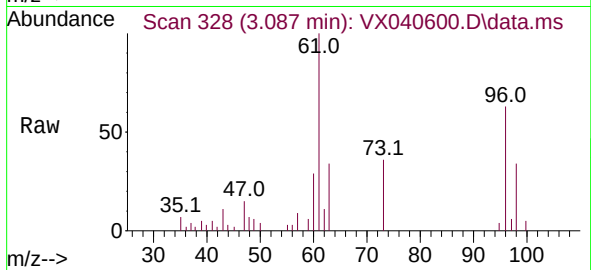




#17
trans-1,2-Dichloroethene
Concen: 4.449 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

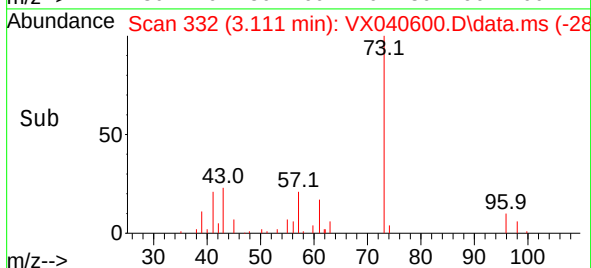
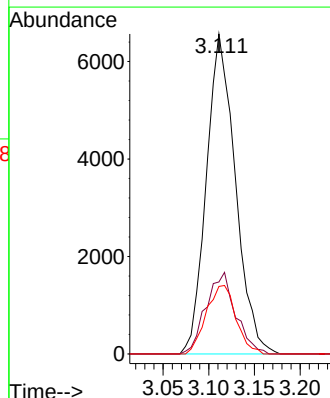
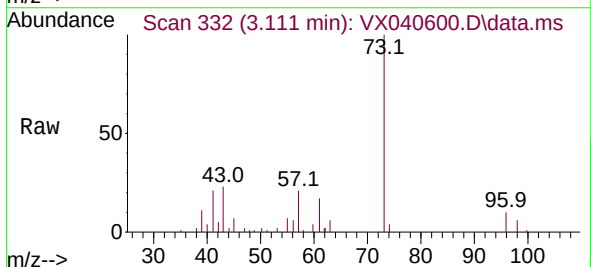
Instrument :
MSVOA_X
ClientSampleId :

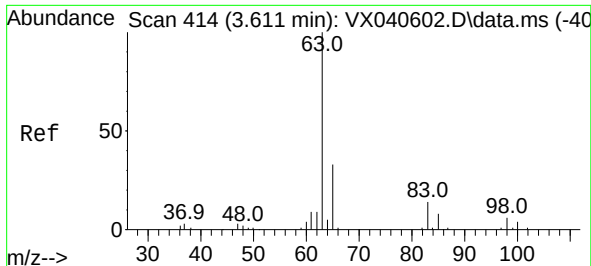
Tgt Ion: 96 Resp: 4544
Ion Ratio Lower Upper
96 100
61 158.6 106.6 198.0
98 54.1 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 4.040 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt Ion: 73 Resp: 14491
Ion Ratio Lower Upper
73 100
43 26.0 19.3 28.9
57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 4.041 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX040600.D

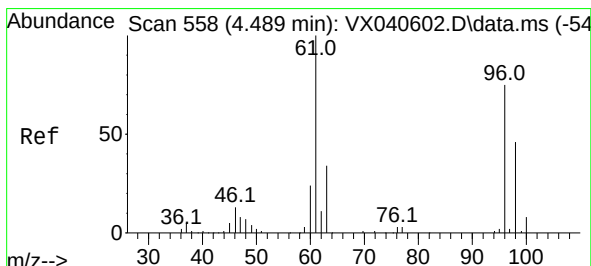
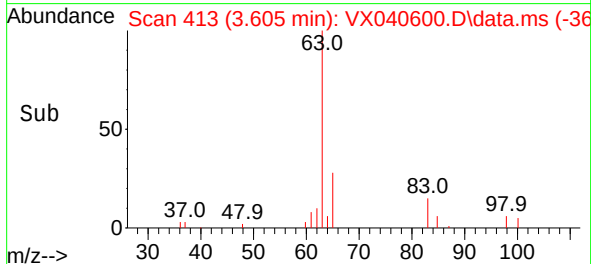
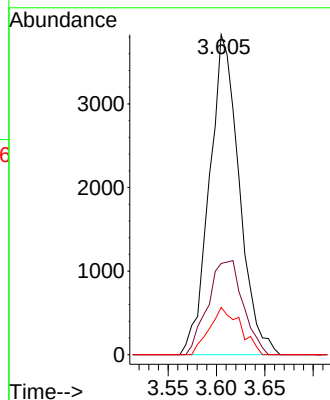
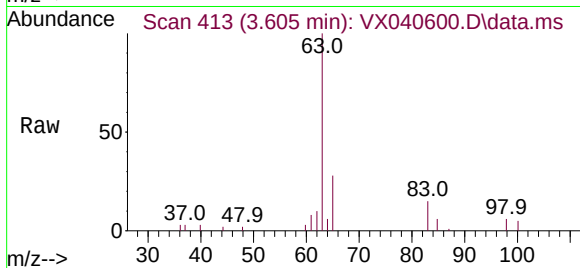
Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 8198
Ion Ratio	Lower Upper
63 100	
65 28.5	23.1 42.9
83 14.8	9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 4.163 ug/L

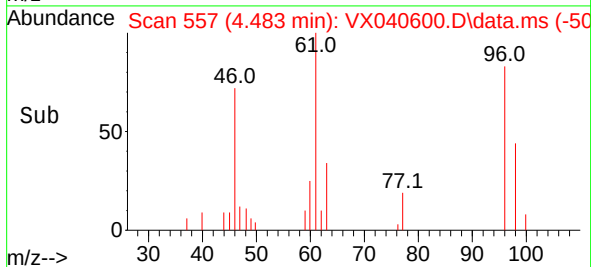
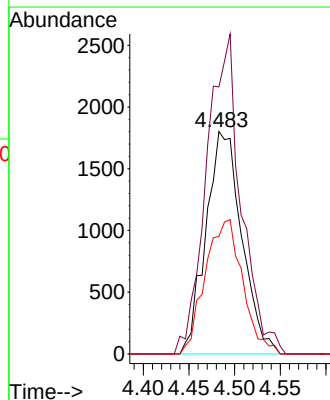
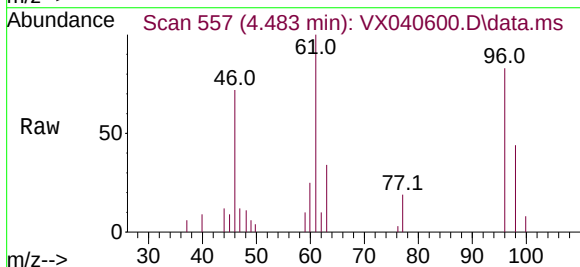
RT: 4.483 min Scan# 557

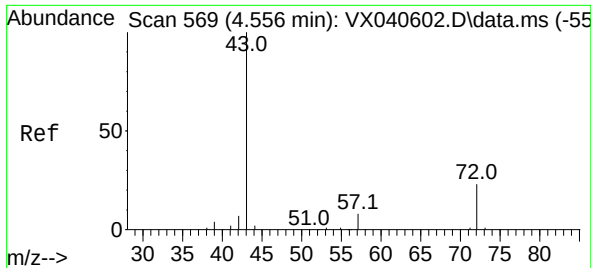
Delta R.T. -0.006 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Tgt Ion: 96	Resp: 4917
Ion Ratio	Lower Upper
96 100	
61 120.1	93.0 172.8
98 52.9	42.4 78.6

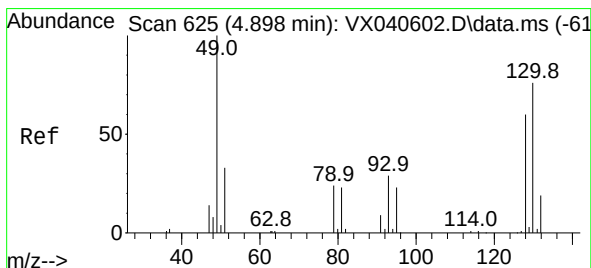
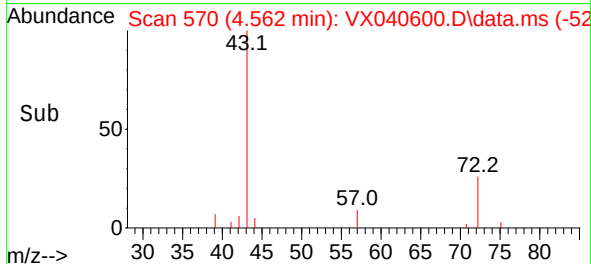
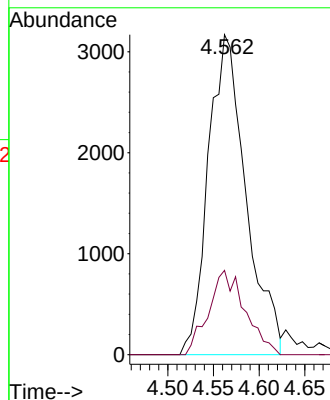
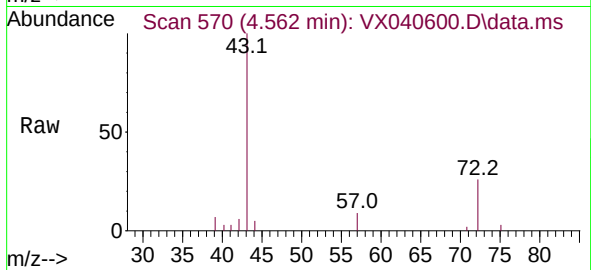




#22
2-Butanone
Concen: 7.425 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

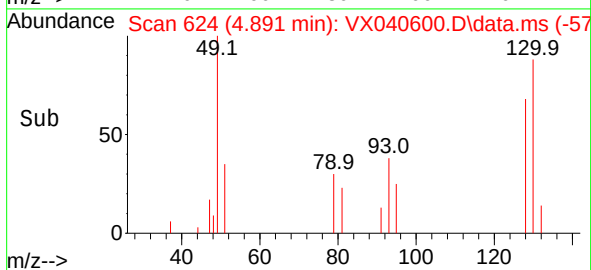
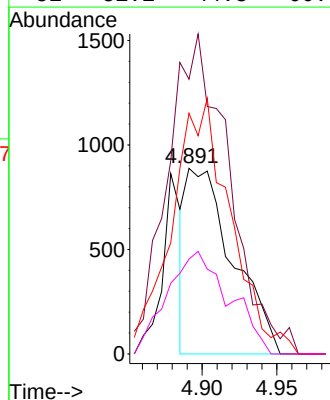
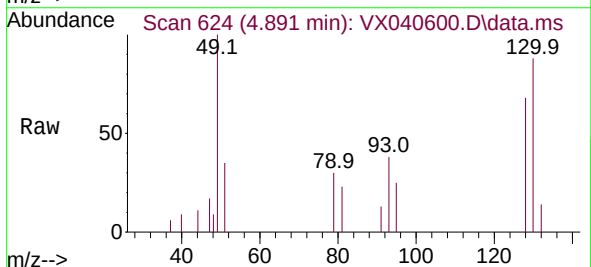
Instrument :
MSVOA_X
ClientSampleId :

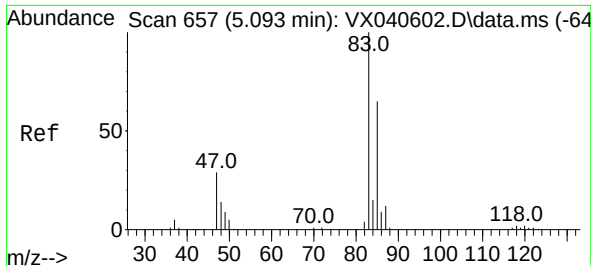
Tgt Ion: 43 Resp: 9052
Ion Ratio Lower Upper
43 100
72 25.6 12.4 37.2



#23
Bromochloromethane
Concen: 3.436 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt Ion: 128 Resp: 1937
Ion Ratio Lower Upper
128 100
49 148.0 118.1 219.3
130 129.6 89.4 166.0
51 51.1 44.3 66.5





#25

Chloroform

Concen: 4.817 ug/L

RT: 5.092 min Scan# 60

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

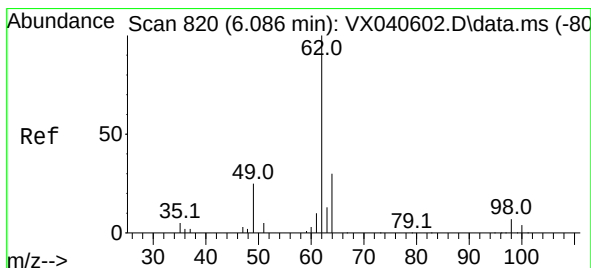
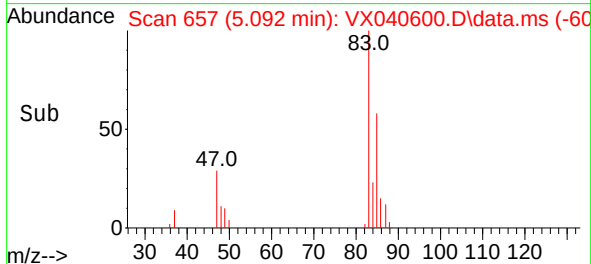
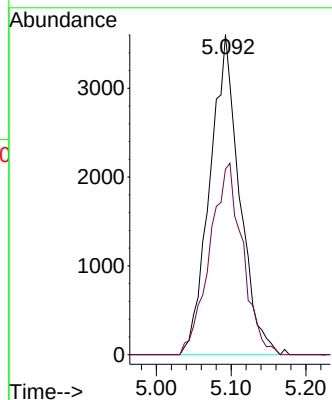
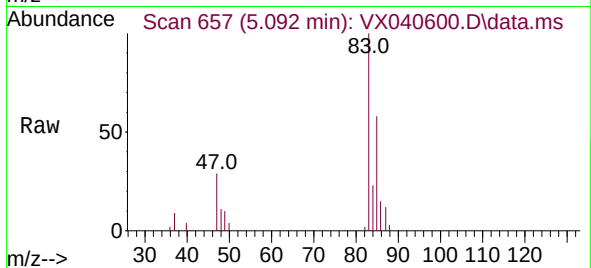
ClientSampleId :

Tgt Ion: 83 Resp: 9954

Ion Ratio Lower Upper

83 100

85 58.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.878 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX040600.D

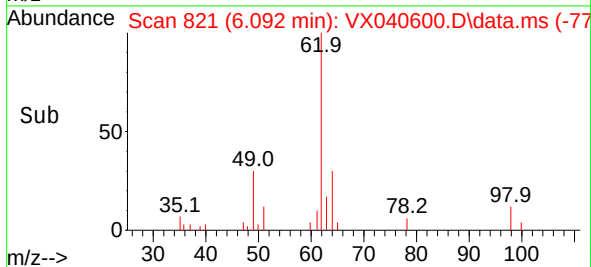
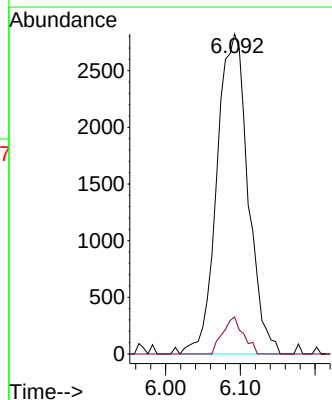
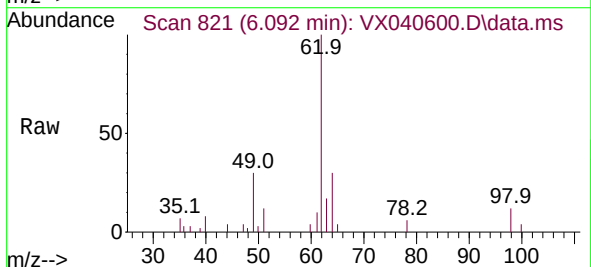
Acq: 06 Mar 2024 13:13

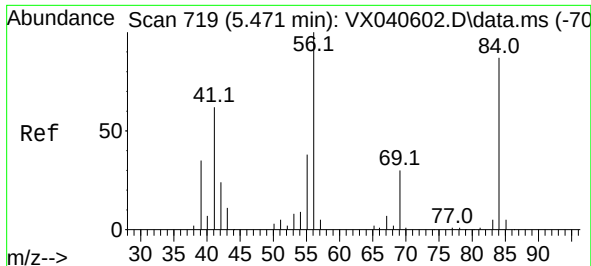
Tgt Ion: 62 Resp: 8179

Ion Ratio Lower Upper

62 100

98 11.5 5.8 8.6#





#29

Cyclohexane

Concen: 3.663 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.012 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

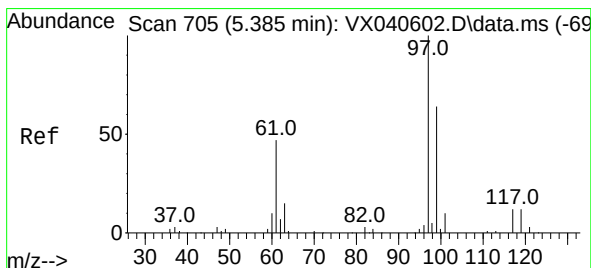
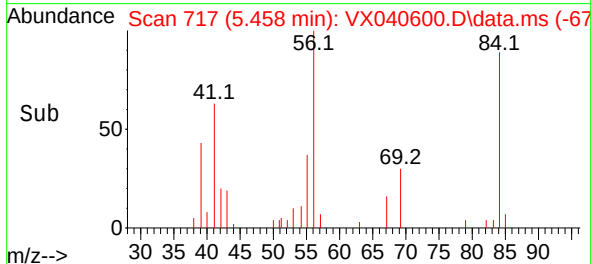
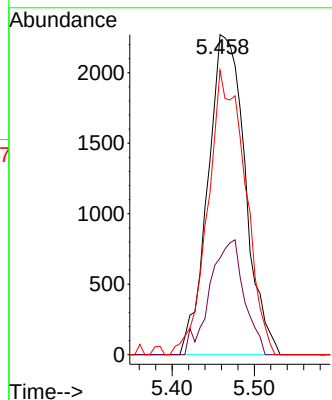
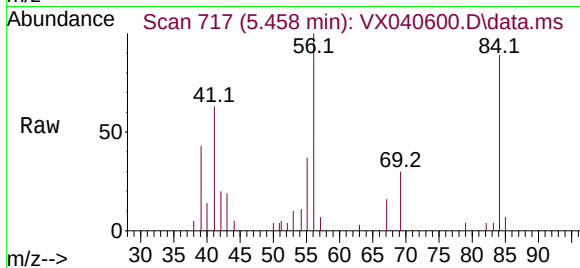
Tgt Ion: 56 Resp: 7141

Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.4

84 54.3 70.6 105.8#



#30

1,1,1-Trichloroethane

Concen: 4.537 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

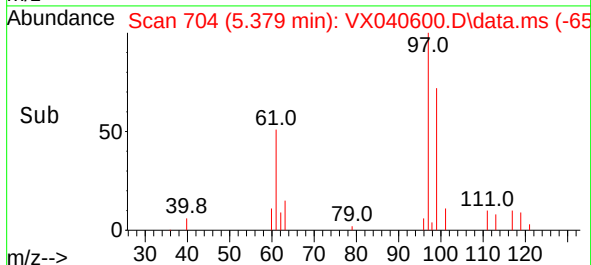
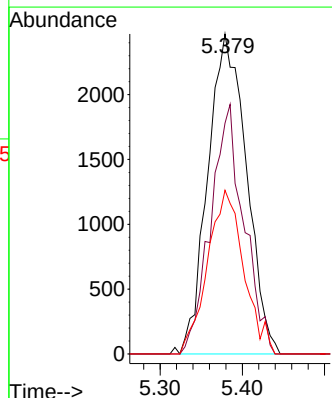
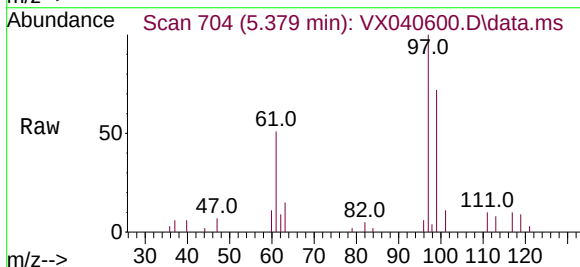
Tgt Ion: 97 Resp: 8054

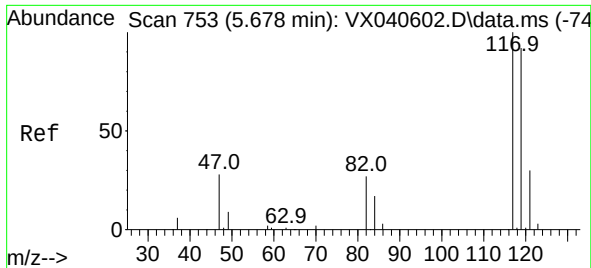
Ion Ratio Lower Upper

97 100

99 67.2 52.1 78.1

61 46.6 38.3 57.5

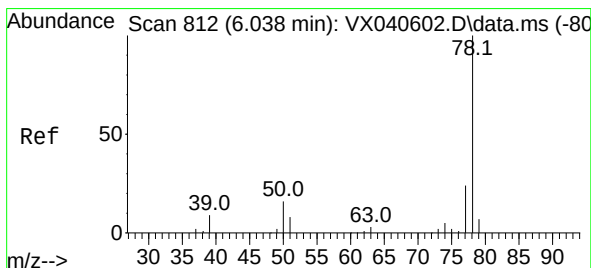
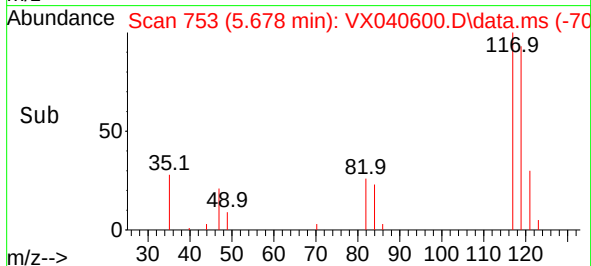
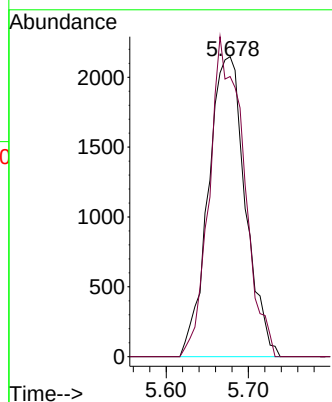
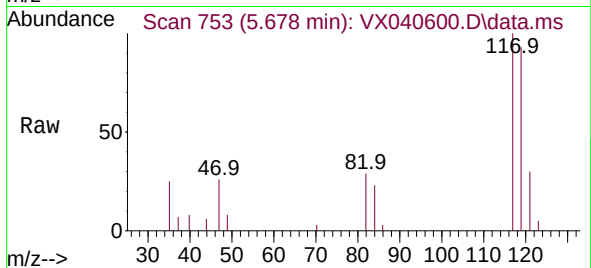




#31
Carbon tetrachloride
Concen: 4.534 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

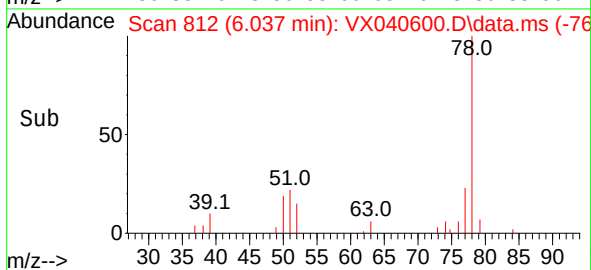
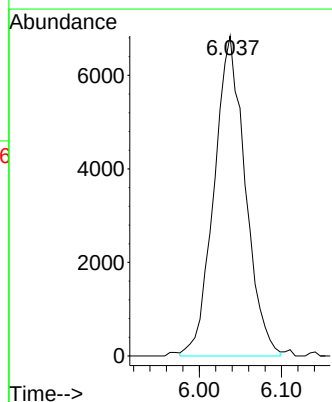
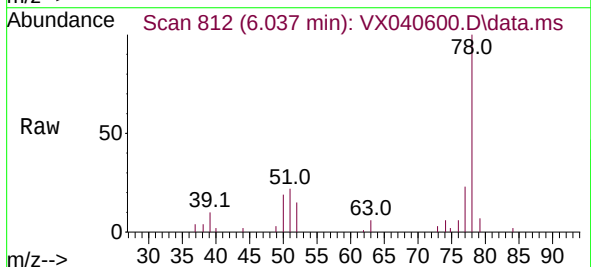
Instrument :
MSVOA_X
ClientSampleId :

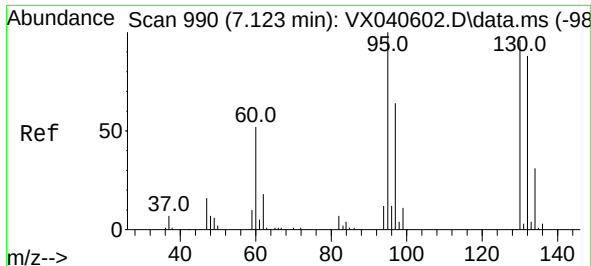
Tgt Ion:117 Resp: 6723
Ion Ratio Lower Upper
117 100
119 49.6 75.4 113.2#



#33
Benzene
Concen: 4.025 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt Ion: 78 Resp: 18026





#34

Trichloroethene

Concen: 4.546 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 5494

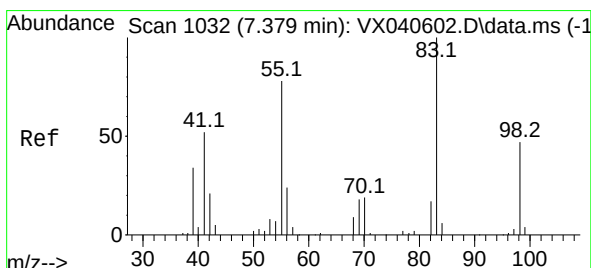
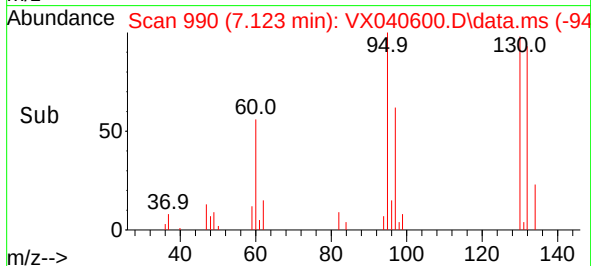
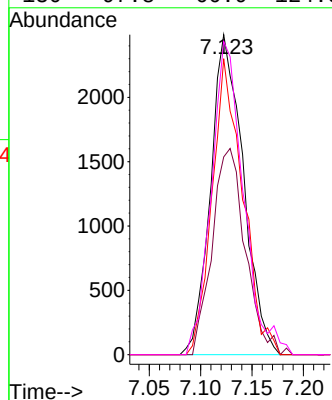
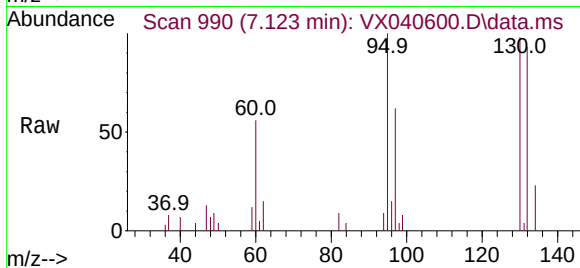
Ion Ratio Lower Upper

95 100

97 61.8 44.7 83.1

132 92.5 61.5 114.3

130 97.8 66.9 124.3



#35

Methylcyclohexane

Concen: 4.037 ug/L

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

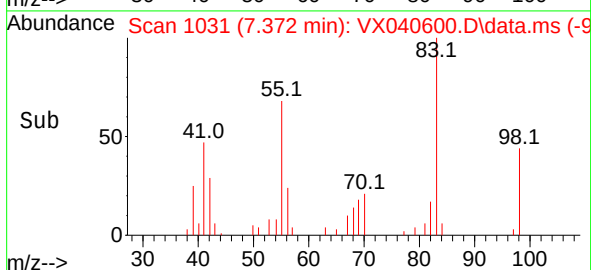
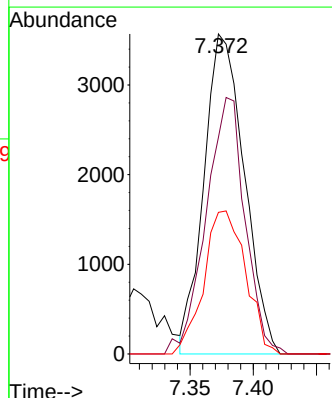
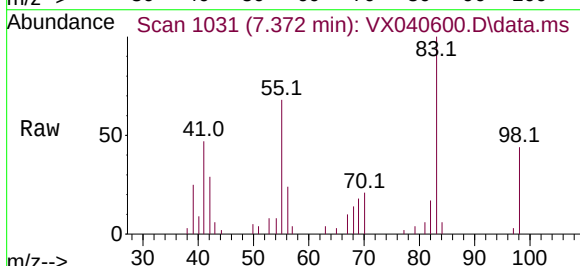
Tgt Ion: 83 Resp: 7925

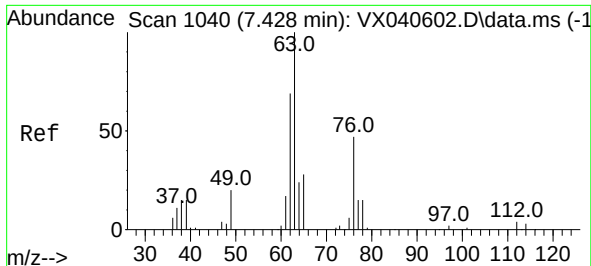
Ion Ratio Lower Upper

83 100

55 77.4 62.6 94.0

98 46.2 37.4 56.2





#37

1,2-Dichloropropane

Concen: 3.670 ug/L

RT: 7.433 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

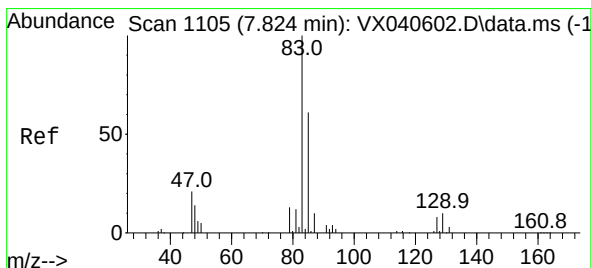
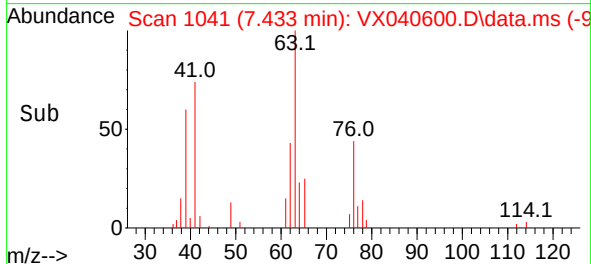
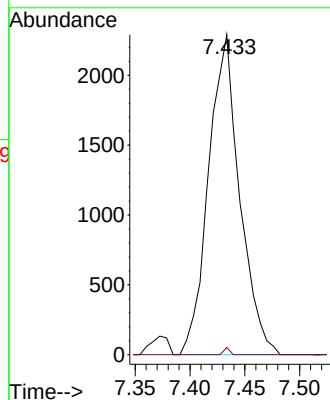
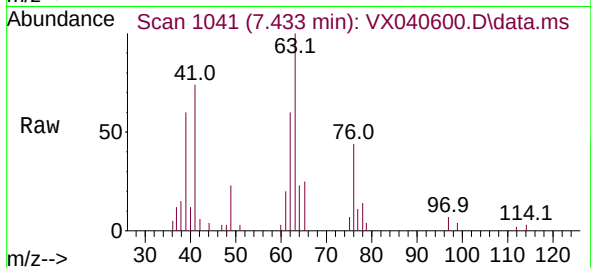
ClientSampleId :

Tgt Ion: 63 Resp: 4525

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#38

Bromodichloromethane

Concen: 4.300 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

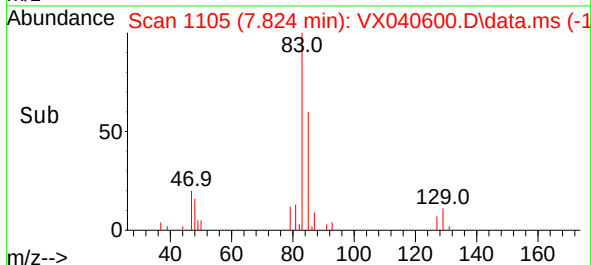
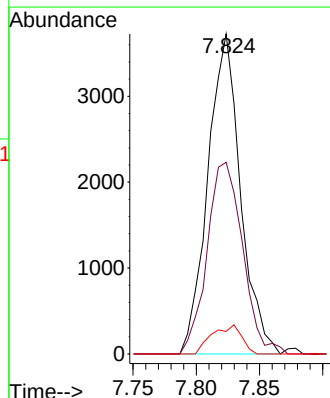
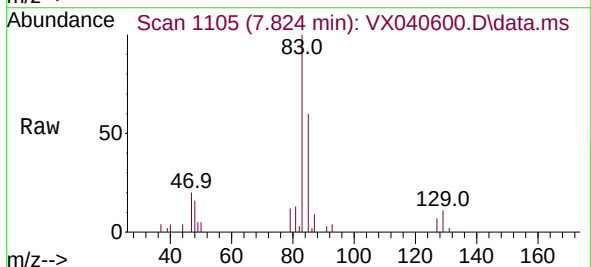
Tgt Ion: 83 Resp: 6684

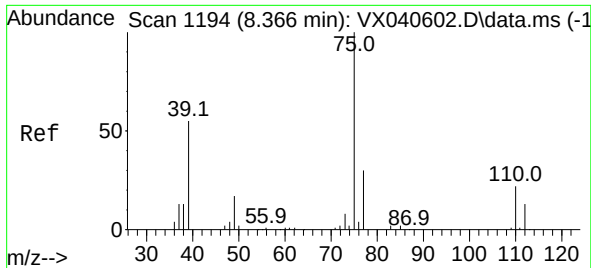
Ion Ratio Lower Upper

83 100

85 59.9 42.8 79.4

127 7.0 6.5 9.7

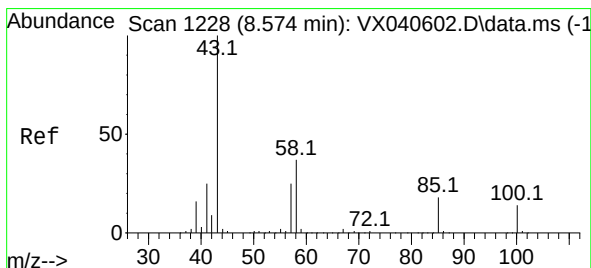
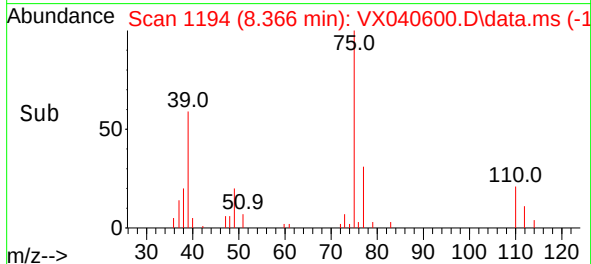
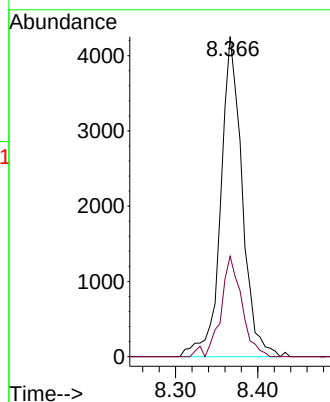
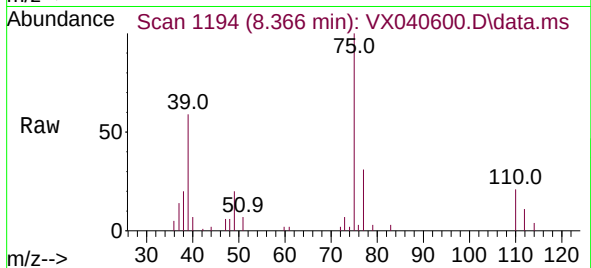




#39
 cis-1,3-Dichloropropene
 Concen: 3.880 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040600.D
 Acq: 06 Mar 2024 13:13

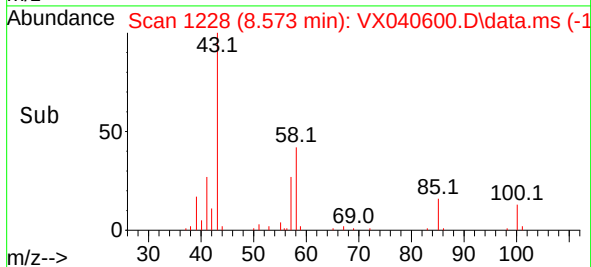
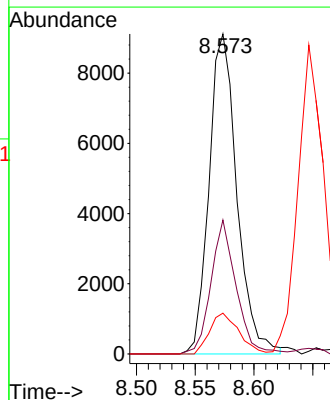
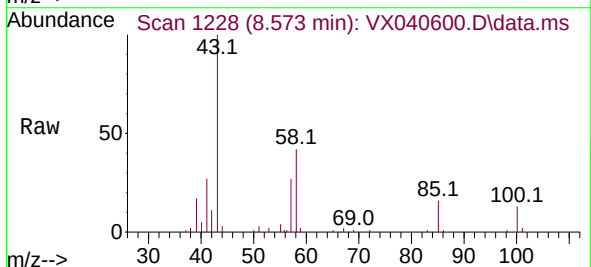
Instrument :
 MSVOA_X
 ClientSampleId :

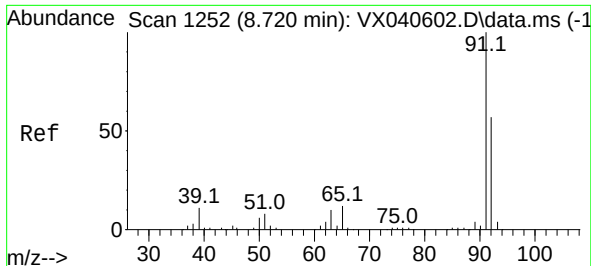
Tgt Ion: 75 Resp: 7712
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 7.248 ug/L
 RT: 8.573 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX040600.D
 Acq: 06 Mar 2024 13:13

Tgt Ion: 43 Resp: 15036
 Ion Ratio Lower Upper
 43 100
 58 37.8 29.3 43.9
 100 13.4 10.7 16.1





#42

Toluene

Concen: 3.982 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

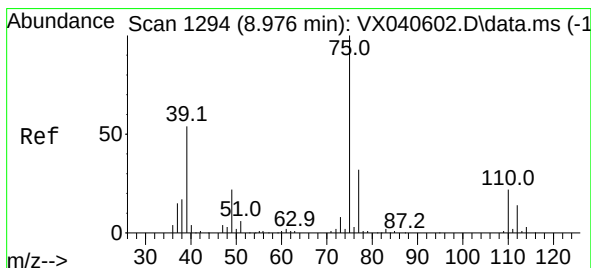
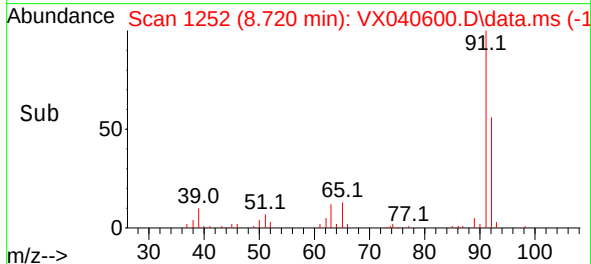
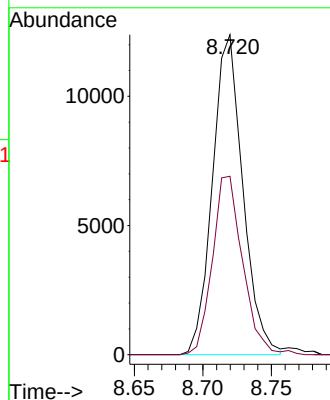
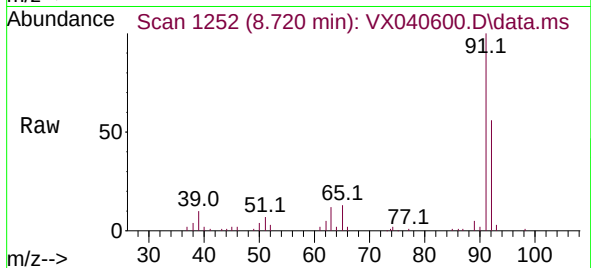
ClientSampleId :

Tgt Ion: 91 Resp: 19085

Ion Ratio Lower Upper

91 100

92 55.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 3.830 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX040600.D

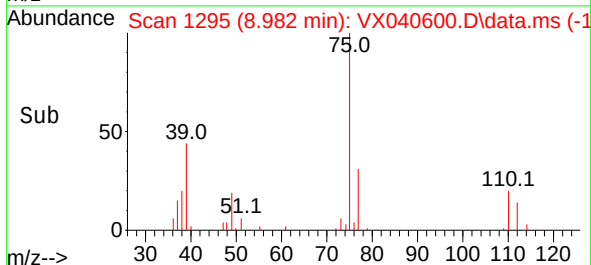
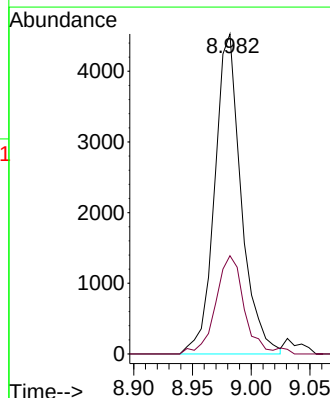
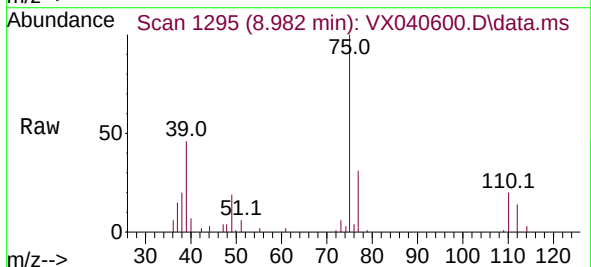
Acq: 06 Mar 2024 13:13

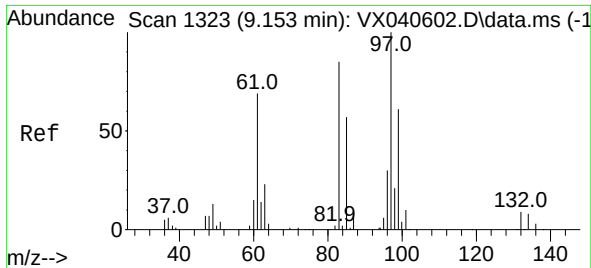
Tgt Ion: 75 Resp: 7120

Ion Ratio Lower Upper

75 100

77 30.7 22.1 41.1

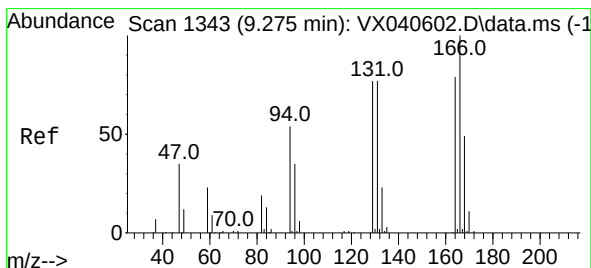
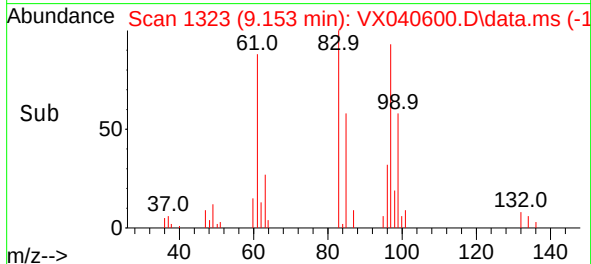
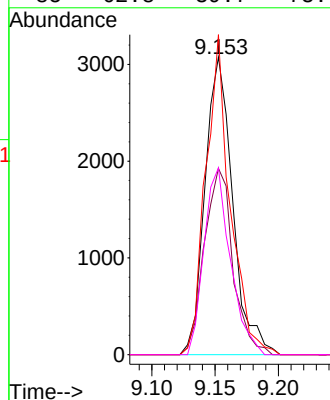
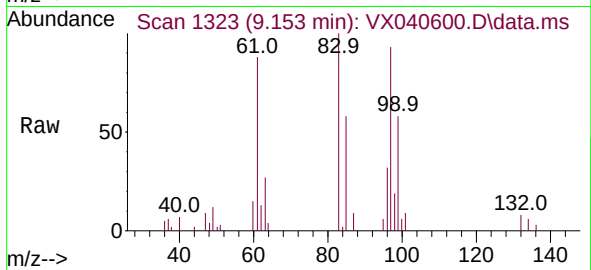




#45
1,1,2-Trichloroethane
Concen: 4.058 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

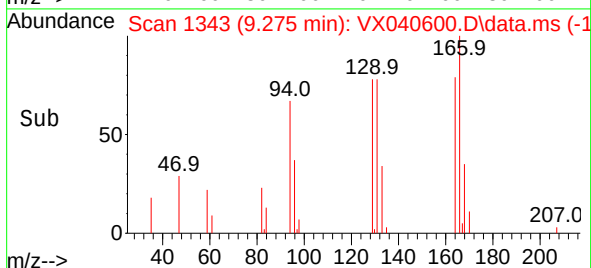
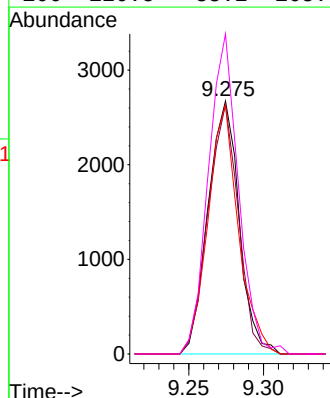
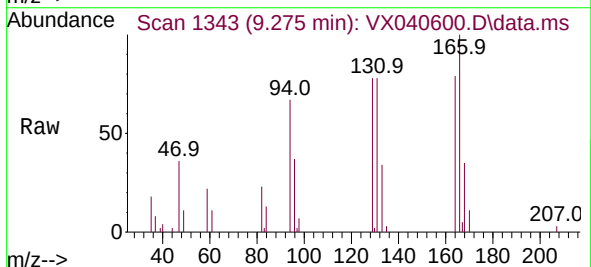
Instrument :
MSVOA_X
ClientSampleId :

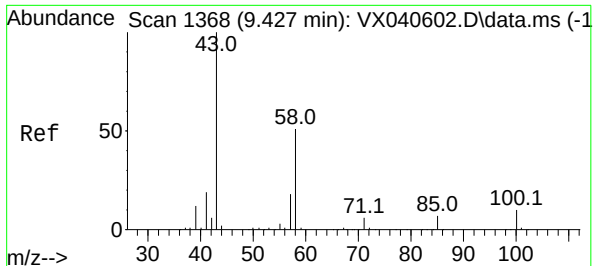
Tgt Ion: 97	Resp: 4692
Ion Ratio	Lower Upper
97 100	
99 62.6	42.6 79.0
83 107.5	59.2 110.0
85 62.8	39.7 73.7



#46
Tetrachloroethene
Concen: 4.770 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt	Ion:164	Resp:	3869
Ion	Ratio	Lower	Upper
164	100		
129	98.6	67.8	126.0
131	98.4	67.8	126.0
166	126.5	88.2	163.8

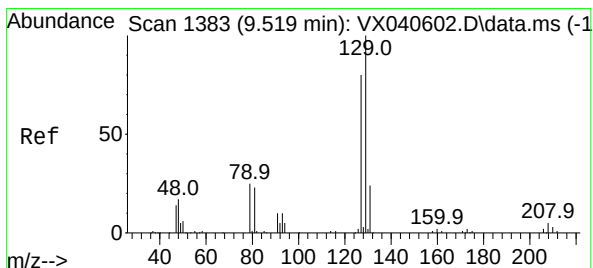
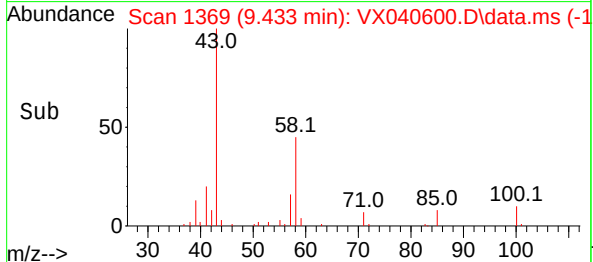
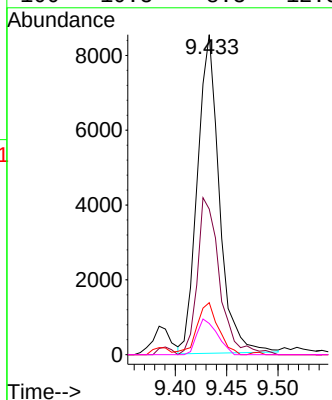
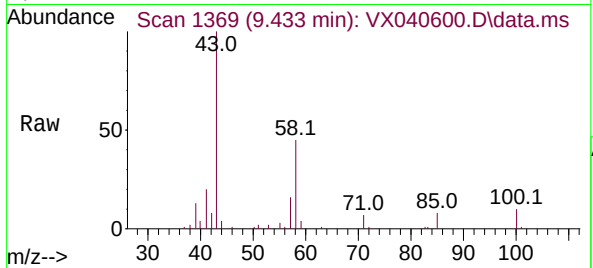




#48
2-Hexanone
Concen: 7.345 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

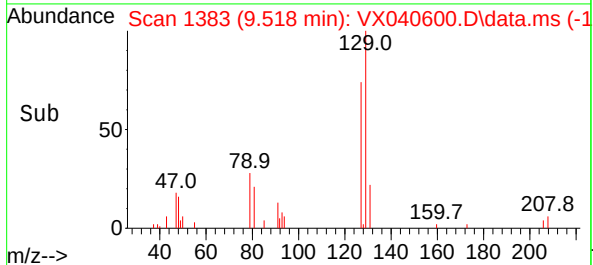
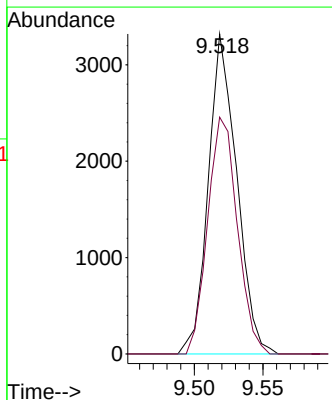
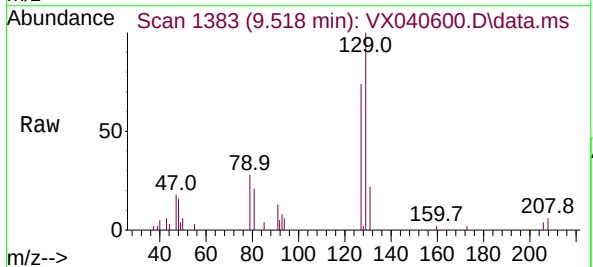
Instrument :
MSVOA_X
ClientSampleId :

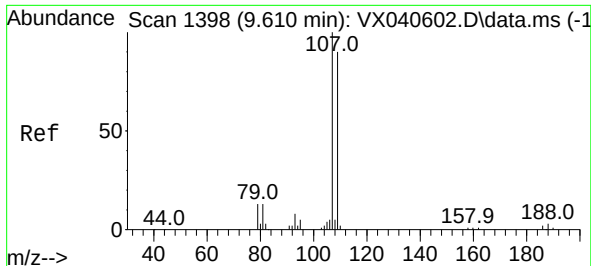
Tgt Ion: 43	Resp: 12671
Ion Ratio	Lower Upper
43 100	
58 49.8	41.0 61.6
57 16.0	14.8 22.2
100 10.3	8.3 12.5



#49
Dibromochloromethane
Concen: 4.196 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt Ion:129	Resp:	4788	
Ion	Ratio	Lower	Upper
129	100		
127	74.0	55.8	103.6





#50

1,2-Dibromoethane

Concen: 4.164 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX040600.D

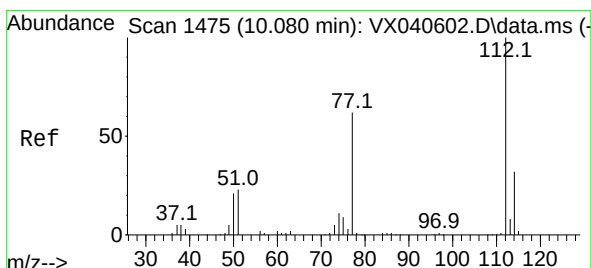
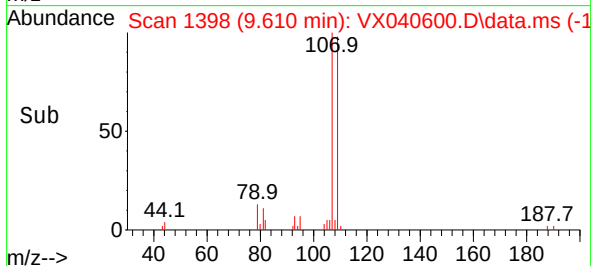
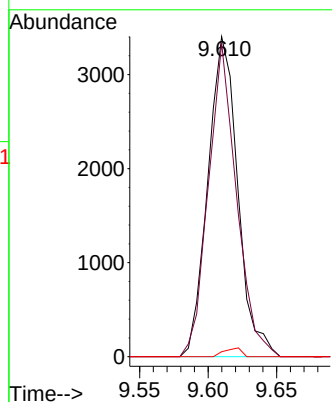
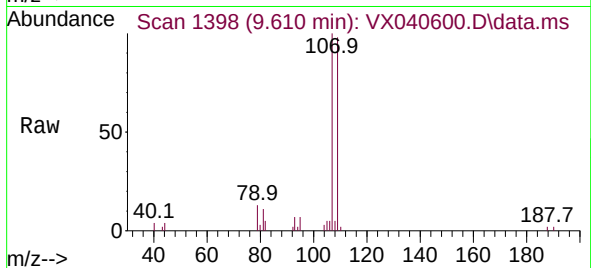
Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	5164
Ion Ratio	Lower	Upper
107	100	
109	98.1	62.9 116.7
188	1.6	2.5 3.7#



#51

Chlorobenzene

Concen: 4.391 ug/L

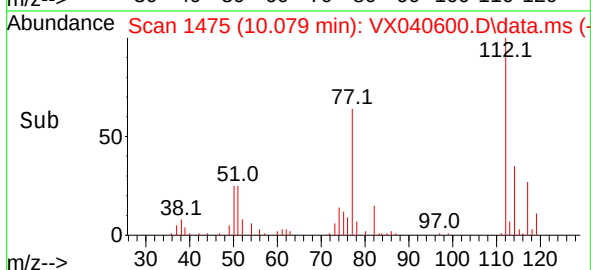
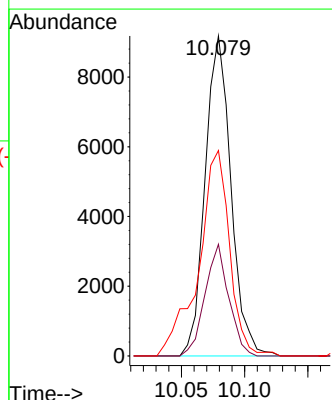
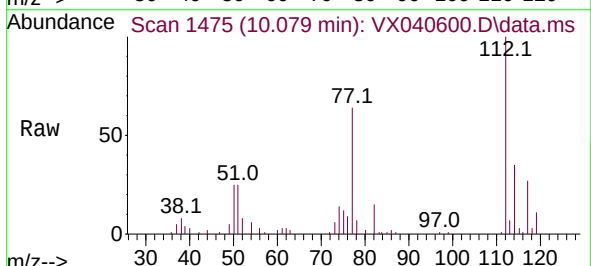
RT: 10.079 min Scan# 1475

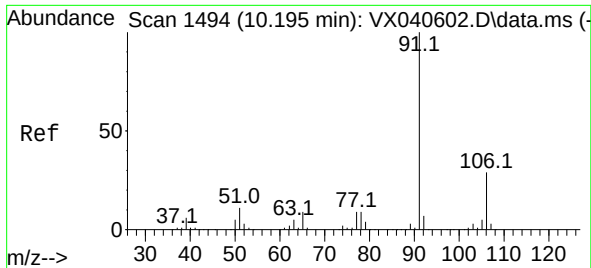
Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Tgt Ion:112	Resp:	13065
Ion Ratio	Lower	Upper
112	100	
114	34.9	22.4 41.6
77	64.2	50.6 75.8





#52

Ethylbenzene

Concen: 4.198 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

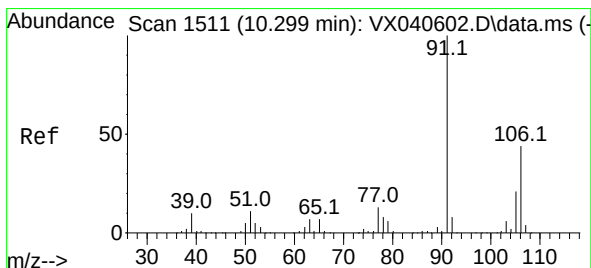
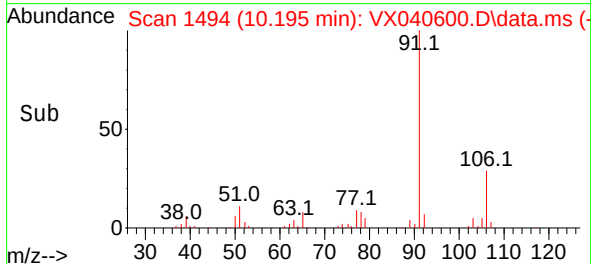
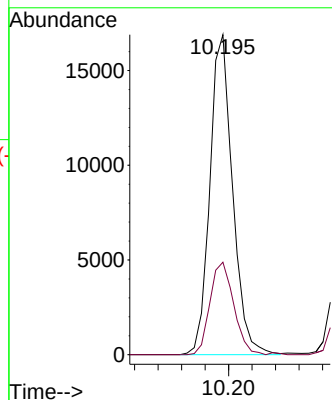
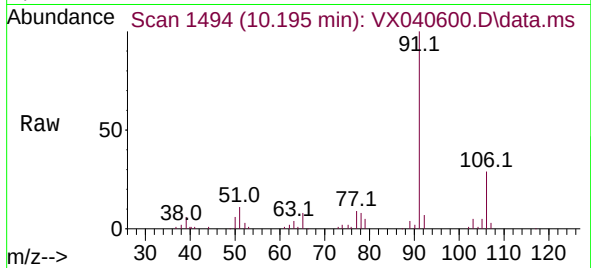
ClientSampleId :

Tgt Ion: 91 Resp: 22649

Ion Ratio Lower Upper

91 100

106 28.9 20.6 38.4



#53

m,p-Xylene

Concen: 4.016 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040600.D

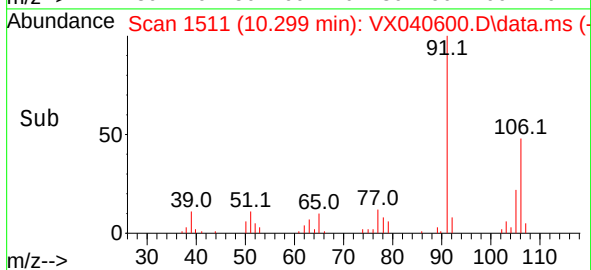
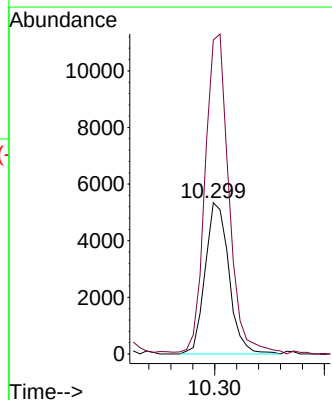
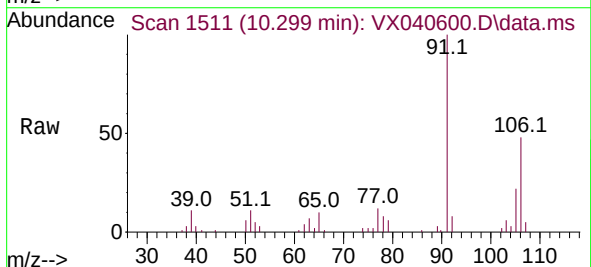
Acq: 06 Mar 2024 13:13

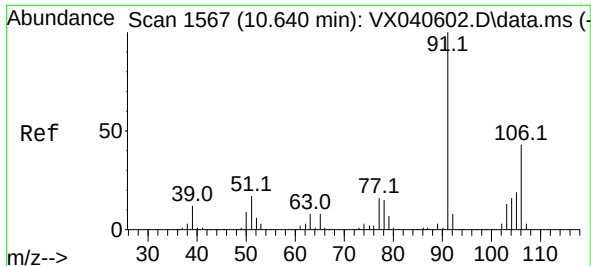
Tgt Ion:106 Resp: 8048

Ion Ratio Lower Upper

106 100

91 207.7 160.4 298.0

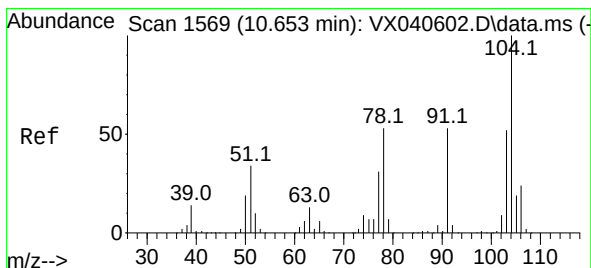
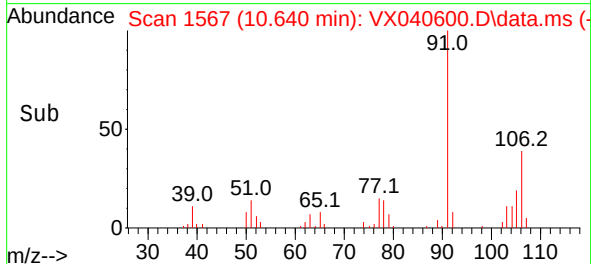
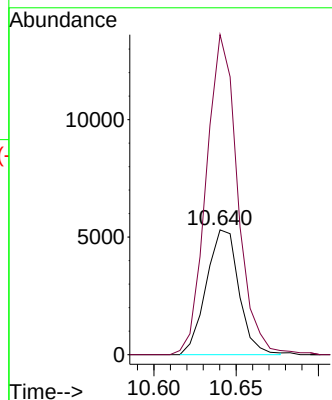
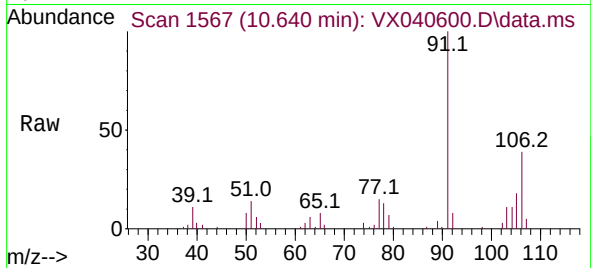




#54
o-Xylene
Concen: 3.810 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

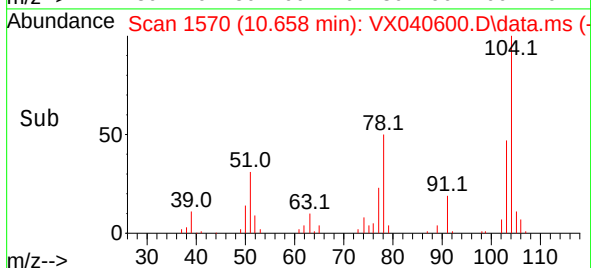
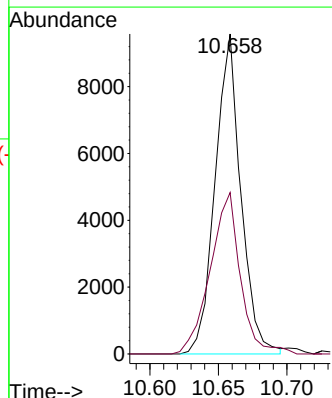
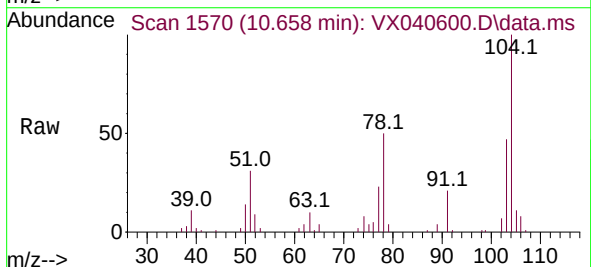
Instrument :
MSVOA_X
ClientSampleId :

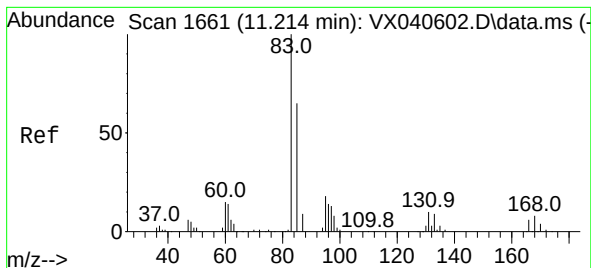
Tgt Ion:106 Resp: 7331
Ion Ratio Lower Upper
106 100
91 256.4 161.7 300.3



#55
Styrene
Concen: 3.779 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt Ion:104 Resp: 12480
Ion Ratio Lower Upper
104 100
78 50.5 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 3.975 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

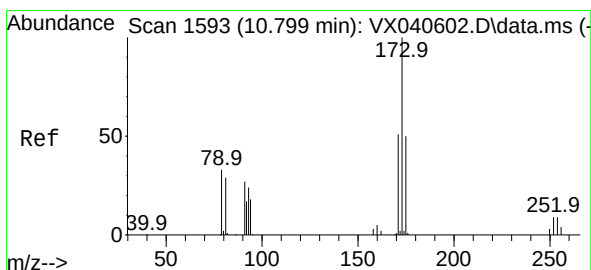
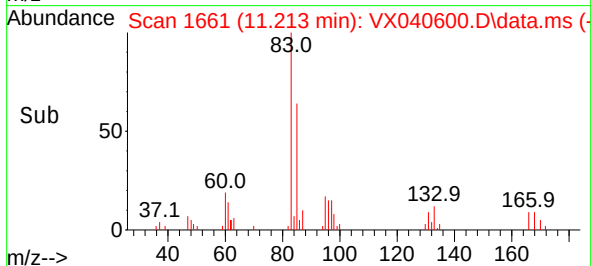
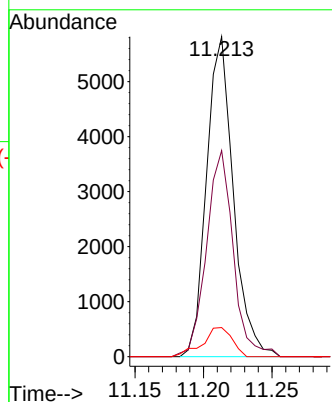
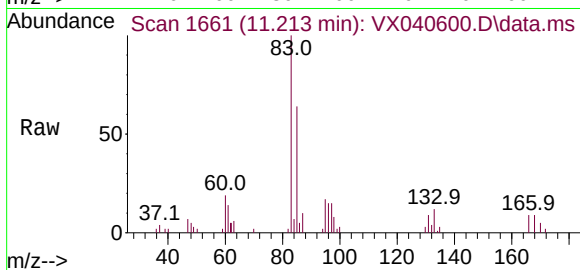
Tgt Ion: 83 Resp: 7921

Ion Ratio Lower Upper

83 100

85 64.4 45.2 84.0

131 9.1 8.2 12.2



#59

Bromoform

Concen: 3.947 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

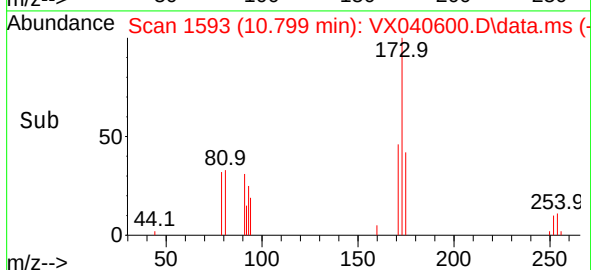
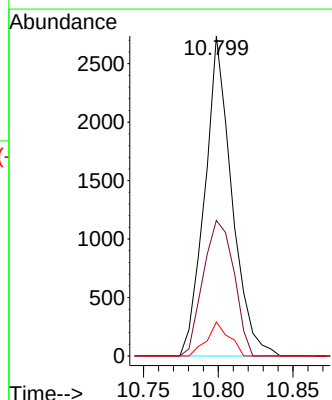
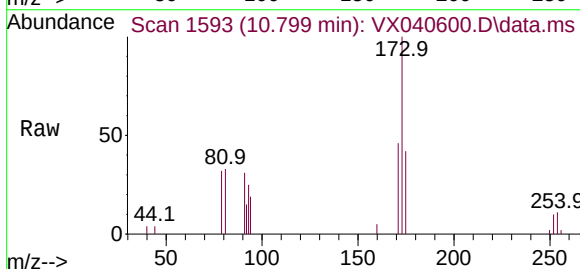
Tgt Ion:173 Resp: 3439

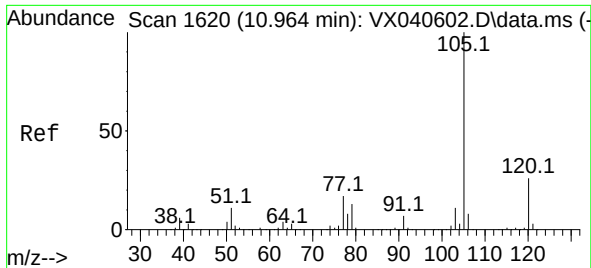
Ion Ratio Lower Upper

173 100

175 48.1 39.4 59.0

254 8.7 7.9 11.9

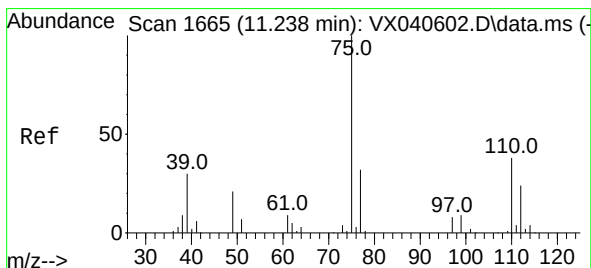
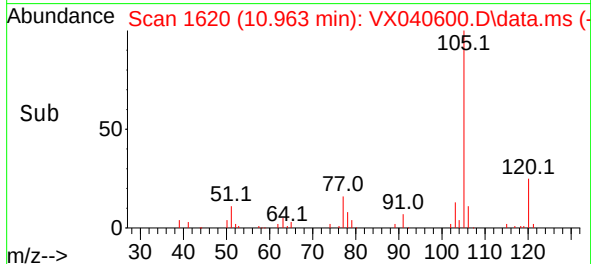
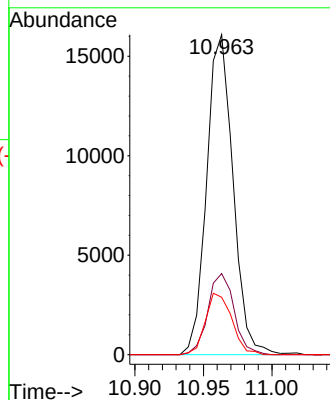
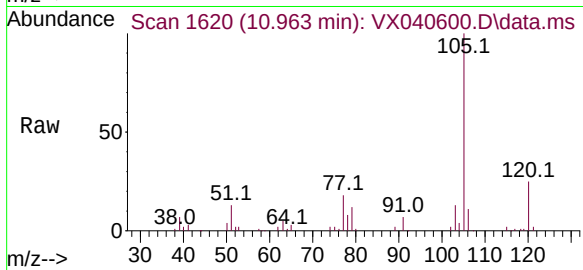




#60
Isopropylbenzene
Concen: 4.037 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

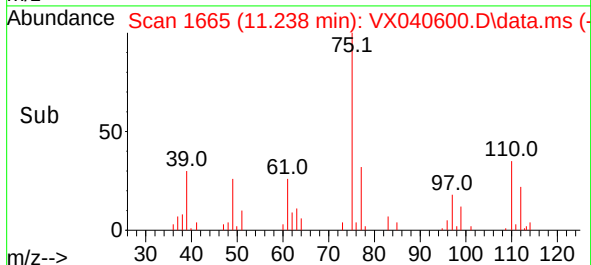
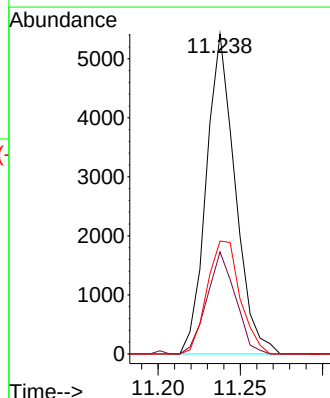
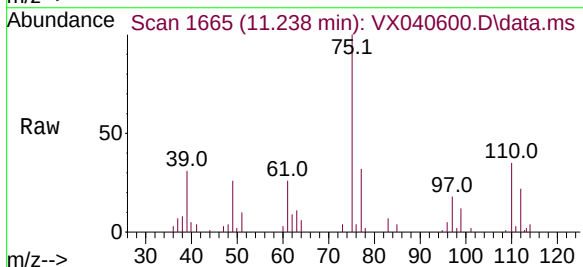
Instrument :
MSVOA_X
ClientSampleId :

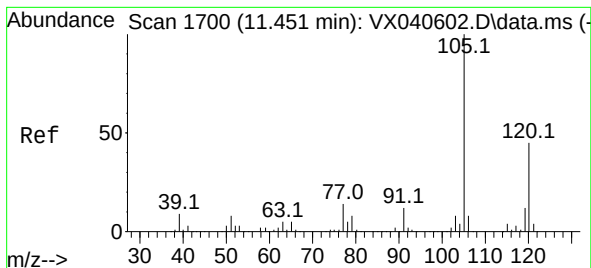
Tgt Ion:105 Resp: 21519
Ion Ratio Lower Upper
105 100
120 25.2 20.1 30.1
77 19.2 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 4.149 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt Ion: 75 Resp: 6605
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
110 40.3 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 3.703 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

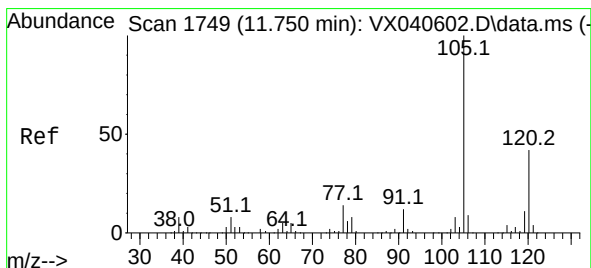
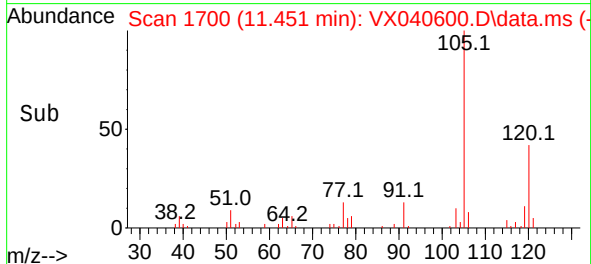
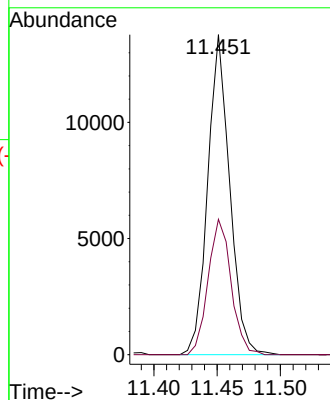
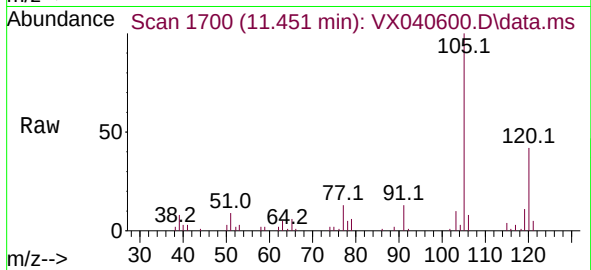
ClientSampleId :

Tgt Ion:105 Resp: 16651

Ion Ratio Lower Upper

105 100

120 44.3 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 3.801 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040600.D

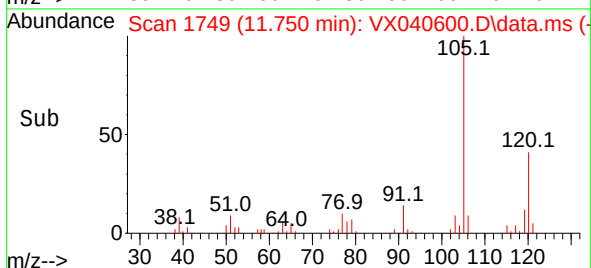
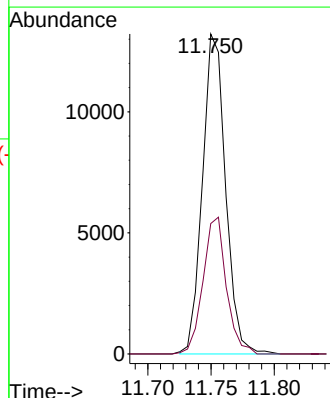
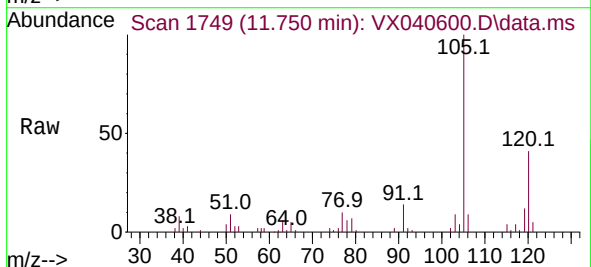
Acq: 06 Mar 2024 13:13

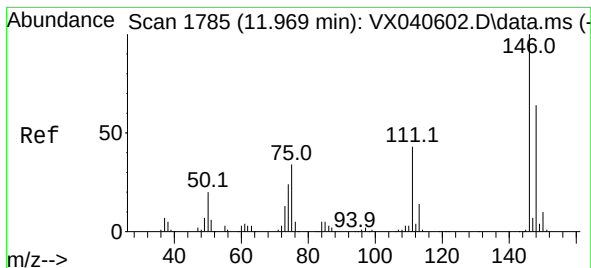
Tgt Ion:105 Resp: 16839

Ion Ratio Lower Upper

105 100

120 43.1 33.9 50.9





#64

1,3-Dichlorobenzene

Concen: 4.407 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

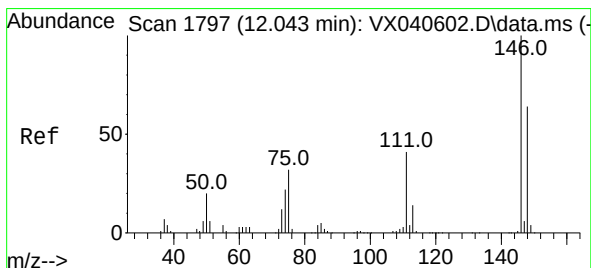
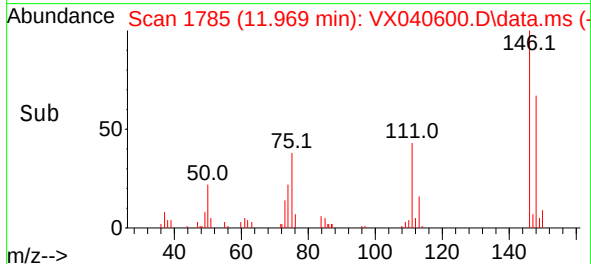
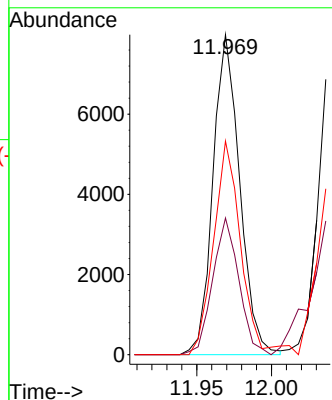
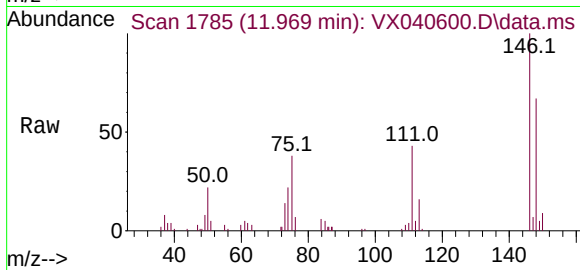
Tgt Ion:146 Resp: 9915

Ion Ratio Lower Upper

146 100

111 42.7 30.0 55.6

148 66.7 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 4.429 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

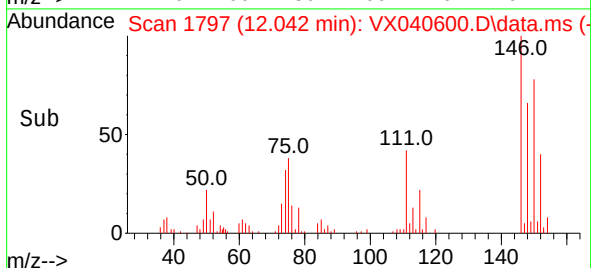
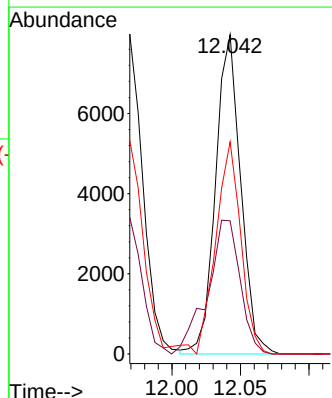
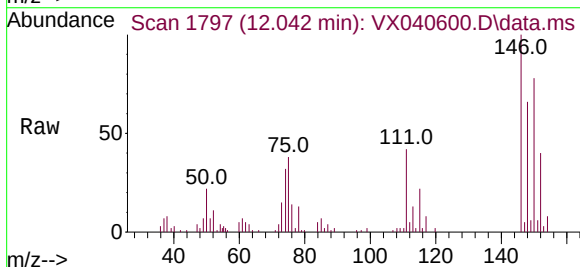
Tgt Ion:146 Resp: 10152

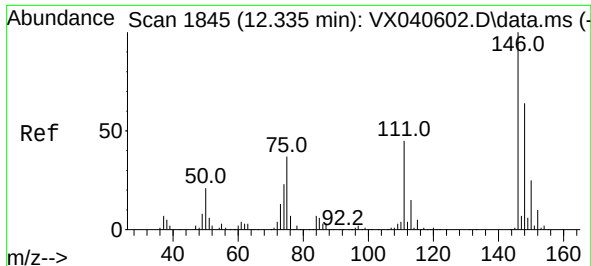
Ion Ratio Lower Upper

146 100

111 41.7 28.8 53.4

148 66.4 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 4.333 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

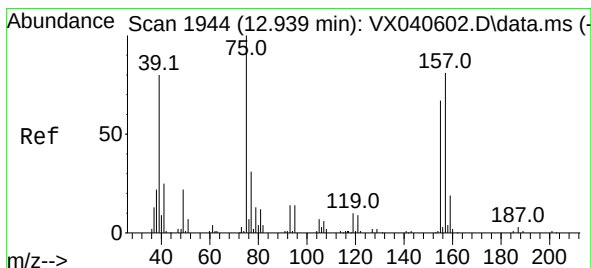
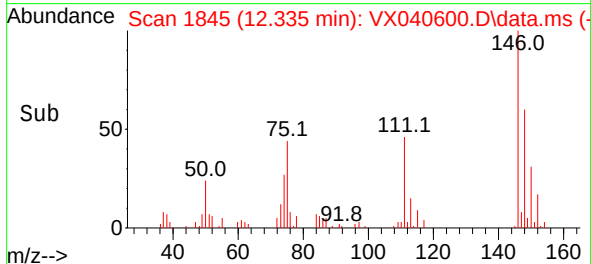
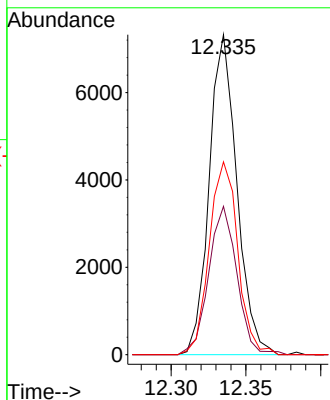
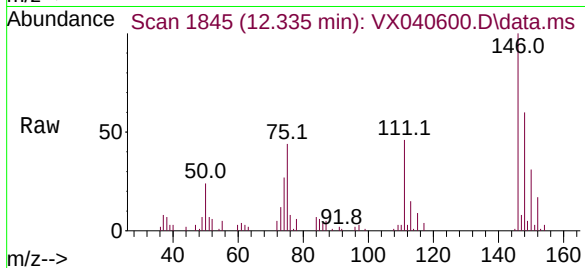
Tgt Ion:146 Resp: 9412

Ion Ratio Lower Upper

146 100

111 46.4 35.8 53.8

148 60.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.264 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

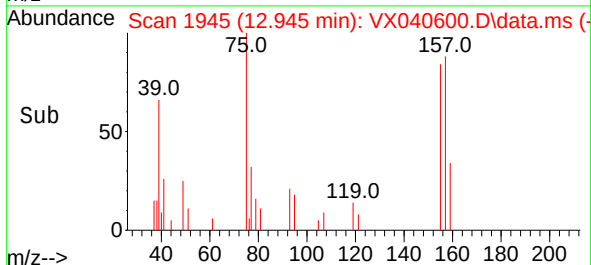
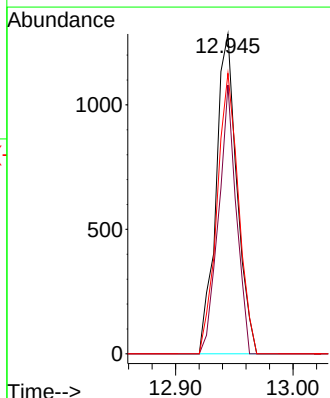
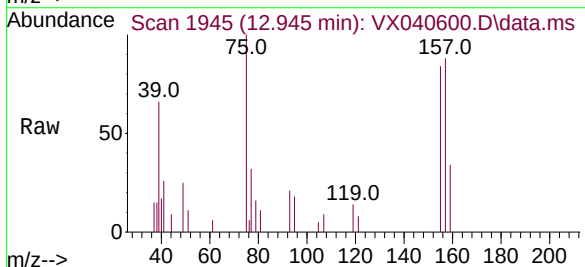
Tgt Ion: 75 Resp: 1592

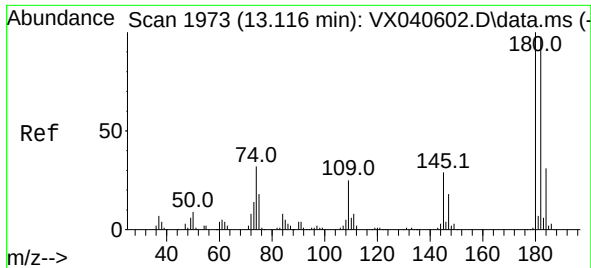
Ion Ratio Lower Upper

75 100

155 84.0 53.9 80.9#

157 87.7 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 4.113 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

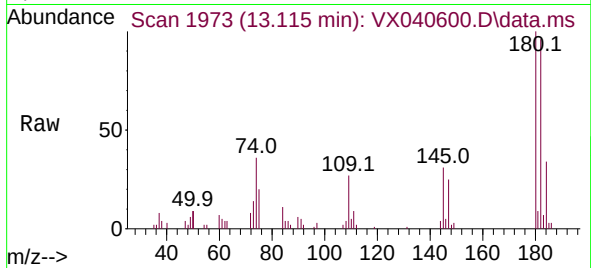
Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 6236

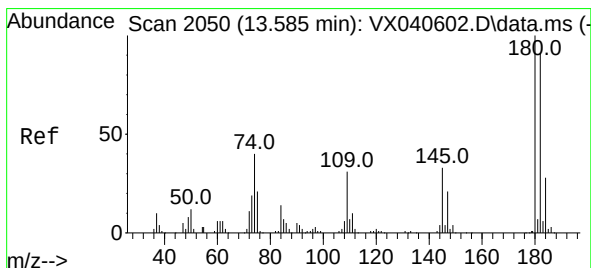
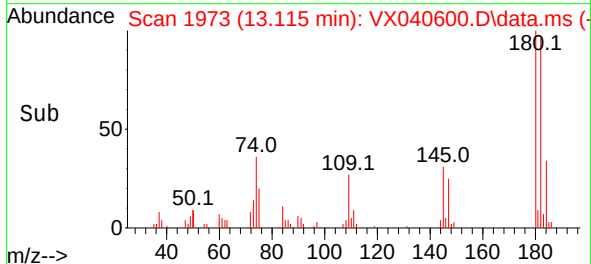
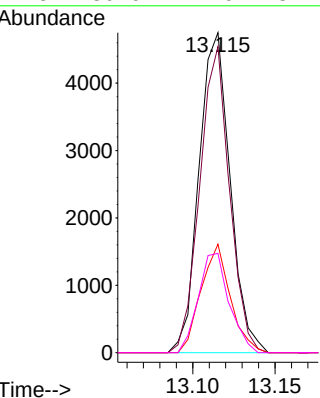
Ion Ratio Lower Upper

180 100

182 91.4 76.6 115.0

184 32.0 24.3 36.5

145 30.9 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 4.374 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040600.D

Acq: 06 Mar 2024 13:13

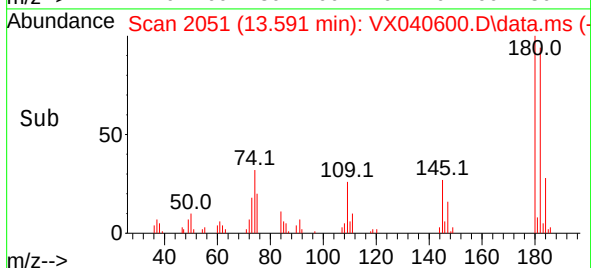
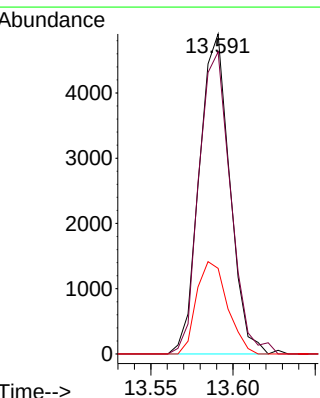
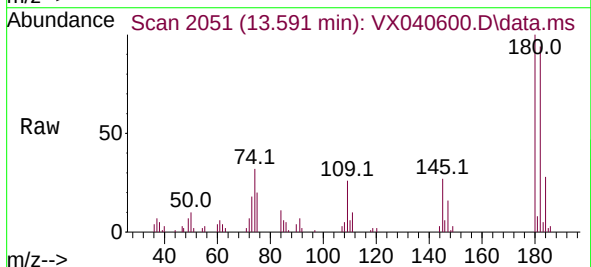
Tgt Ion:180 Resp: 6313

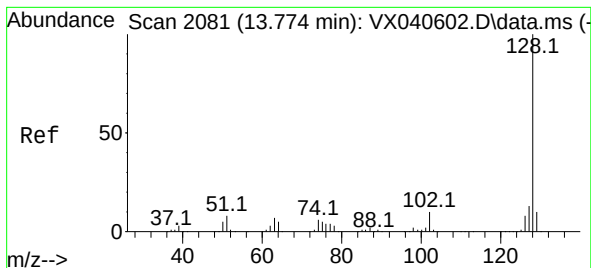
Ion Ratio Lower Upper

180 100

182 96.9 75.1 112.7

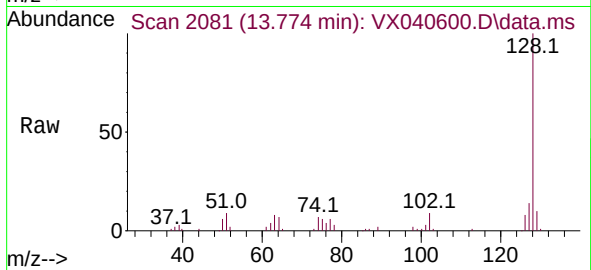
145 29.3 26.2 39.4



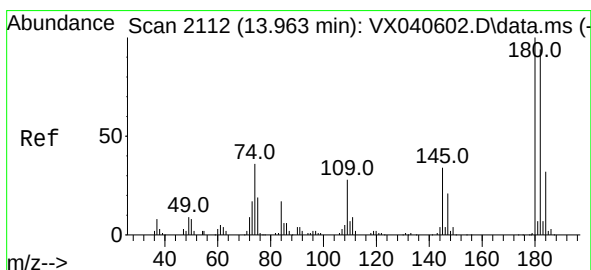
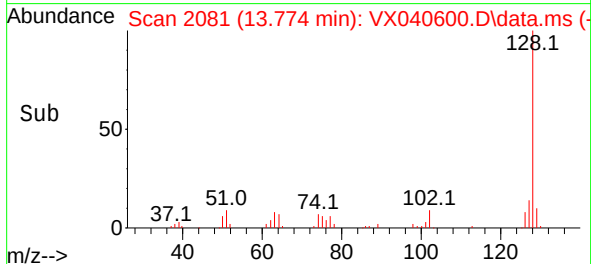
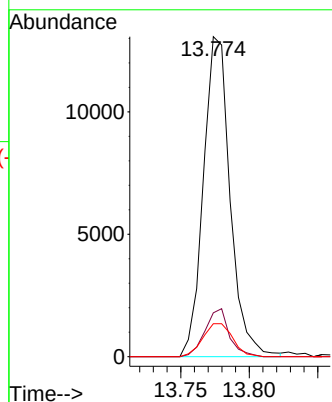


#71
Naphthalene
Concen: 3.642 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 17762
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.5 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.198 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040600.D
Acq: 06 Mar 2024 13:13

Tgt Ion:180 Resp: 5876
Ion Ratio Lower Upper
180 100
182 100.0 76.9 115.3
145 37.8 27.8 41.8

