

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040640.D
 Acq On : 15 Mar 2024 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 01:54:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	165602	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	157916	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74044	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	57638	39.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.420%
7) Chloroethane-d5	1.666	69	49655	42.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.700%
11) 1,1-Dichloroethene-d2	2.306	65	25454	38.091	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.180%
21) 2-Butanone-d5	4.446	46	99104	88.966	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.970%
24) Chloroform-d	5.056	84	119911	44.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.960%
26) 1,2-Dichloroethane-d4	5.952	65	86566	43.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
32) Benzene-d6	5.970	84	204623	42.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.480%
36) 1,2-Dichloropropane-d6	7.305	67	66013	43.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.920%
41) Toluene-d8	8.647	98	188518	40.377	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.760%
43) trans-1,3-Dichloroprop...	8.951	79	34253	42.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.720%
47) 2-Hexanone-d5	9.384	63	74948	90.462	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.460%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	100149	44.548	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.100%
66) 1,2-Dichlorobenzene-d4	12.317	152	69630	44.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73783	49.918	ug/L	99
3) Chloromethane	1.294	50	63880	49.716	ug/L	99
5) Vinyl chloride	1.374	62	70059	50.399	ug/L	96
6) Bromomethane	1.605	94	42403	57.457	ug/L	97
8) Chloroethane	1.685	64	41787	52.426	ug/L	97
9) Trichlorofluoromethane	1.886	101	107962	55.816	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	58546	51.030	ug/L	99
12) 1,1-Dichloroethene	2.319	96	50298	49.829	ug/L	92
13) Acetone	2.379	43	68040	85.533	ug/L	97
14) Carbon disulfide	2.508	76	143874	49.258	ug/L	98
15) Methyl Acetate	2.703	43	64564	48.077	ug/L	99
16) Methylene chloride	2.788	84	53995	48.573	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	50172	48.415	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	180337	50.319	ug/L	99
19) 1,1-Dichloroethane	3.605	63	102315	50.814	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	58047	49.954	ug/L	97
22) 2-Butanone	4.550	43	97833	92.879	ug/L	98
23) Bromochloromethane	4.891	128	28678	48.389	ug/L	98
25) Chloroform	5.092	83	113481	49.943	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040640.D
 Acq On : 15 Mar 2024 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 01:54:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
 Response via : Initial Calibration

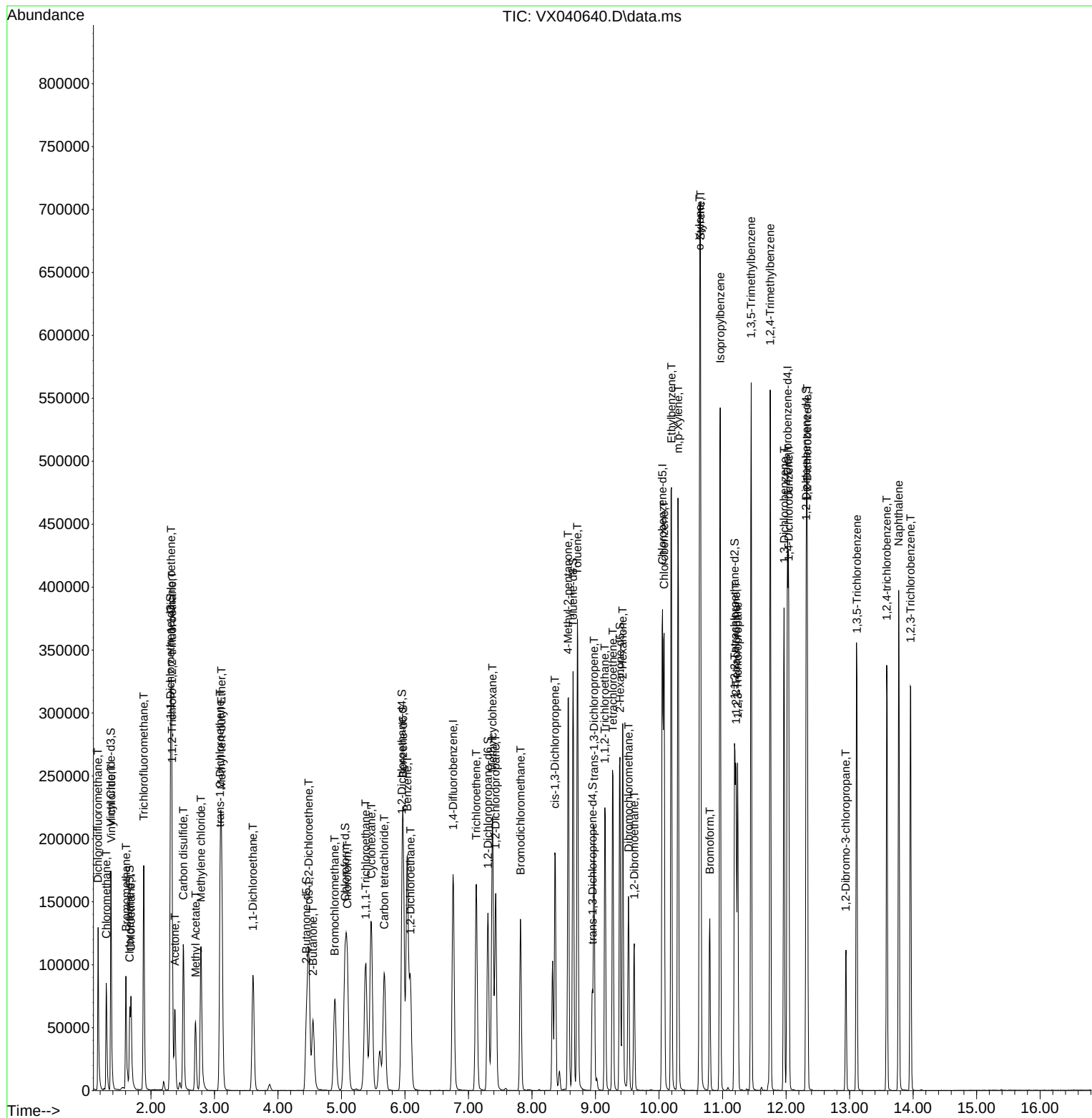
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	99816	49.988	ug/L	99
29) Cyclohexane	5.470	56	88299	50.886	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	100202	50.947	ug/L	98
31) Carbon tetrachloride	5.672	117	83209	50.410	ug/L	99
33) Benzene	6.037	78	210705	49.670	ug/L	100
34) Trichloroethene	7.123	95	62897	50.224	ug/L	98
35) Methylcyclohexane	7.379	83	93038	50.837	ug/L	98
37) 1,2-Dichloropropane	7.427	63	56395	50.214	ug/L	100
38) Bromodichloromethane	7.818	83	83780	50.437	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	96741	51.164	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	186838	97.043	ug/L	99
42) Toluene	8.714	91	236576	50.834	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	93224	50.619	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	57552	49.642	ug/L	98
46) Tetrachloroethene	9.275	164	44760	49.780	ug/L	99
48) 2-Hexanone	9.427	43	154923	97.107	ug/L	99
49) Dibromochloromethane	9.518	129	61543	50.805	ug/L	100
50) 1,2-Dibromoethane	9.610	107	62140	49.842	ug/L	99
51) Chlorobenzene	10.079	112	148629	49.294	ug/L	97
52) Ethylbenzene	10.195	91	276660	50.587	ug/L	99
53) m,p-Xylene	10.299	106	101782	51.193	ug/L	92
54) o-Xylene	10.640	106	98777	51.756	ug/L	99
55) Styrene	10.652	104	170052	51.133	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	92223	48.262	ug/L	100
59) Bromoform	10.799	173	46868	54.573	ug/L	98
60) Isopropylbenzene	10.963	105	275013	55.322	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	76719	51.995	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	231461	56.159	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	229733	55.742	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	112154	51.533	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	114003	51.509	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	108668	52.509	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	22077	51.111	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	80584	55.161	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	71086	52.471	ug/L	98
71) Naphthalene	13.774	128	227455	52.821	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	71060	53.246	ug/L	100

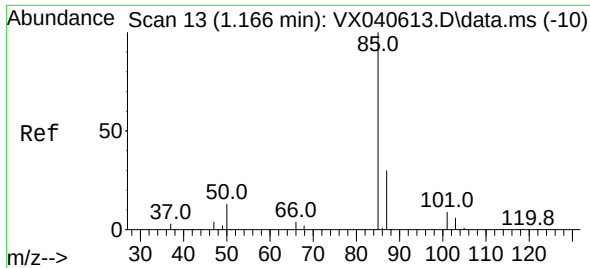
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040640.D
 Acq On : 15 Mar 2024 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 01:54:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
 Response via : Initial Calibration

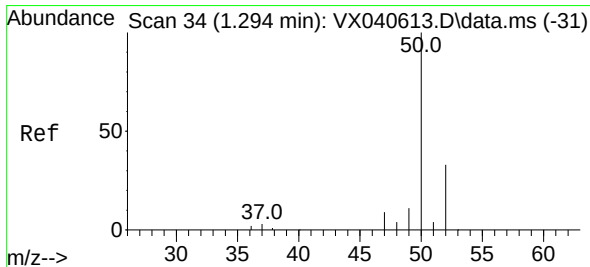
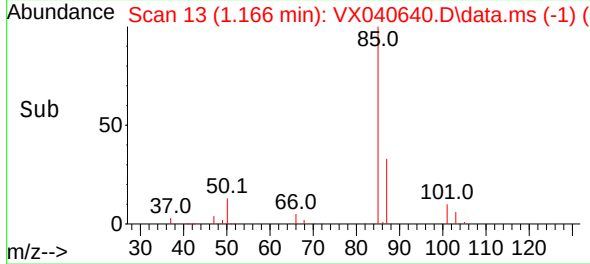
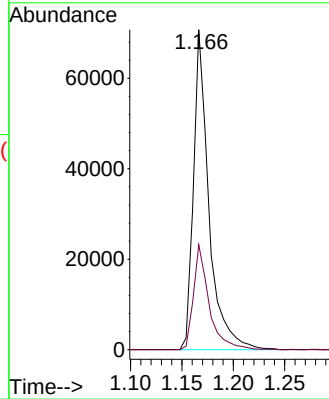
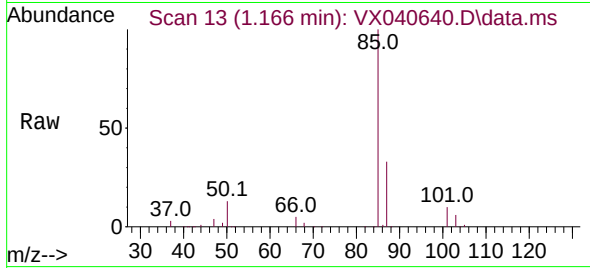




#2
Dichlorodifluoromethane
Concen: 49.918 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

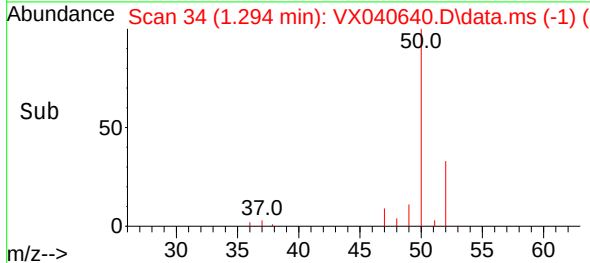
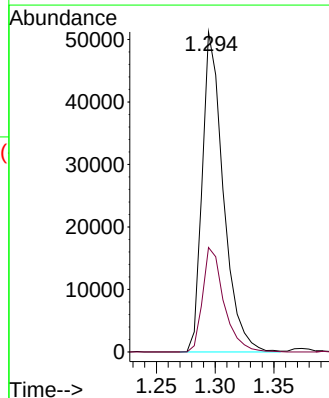
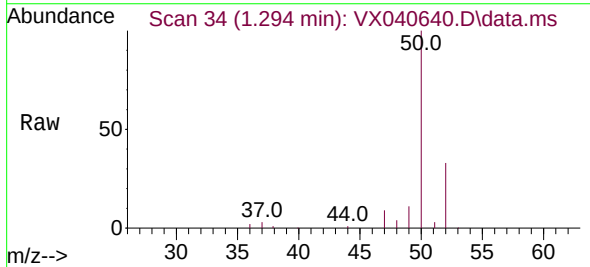
Instrument :
MSVOA_X
ClientSampleId :

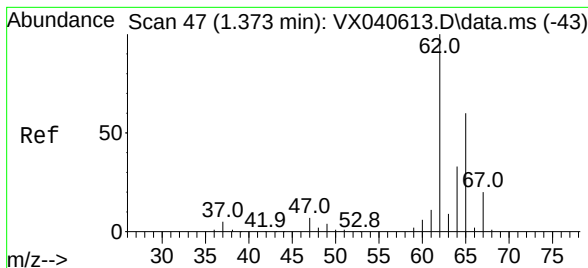
Tgt Ion: 85 Resp: 73783
Ion Ratio Lower Upper
85 100
87 33.3 26.1 39.1



#3
Chloromethane
Concen: 49.716 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion: 50 Resp: 63880
Ion Ratio Lower Upper
50 100
52 32.6 23.1 42.9





#5

Vinyl chloride

Concen: 50.399 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

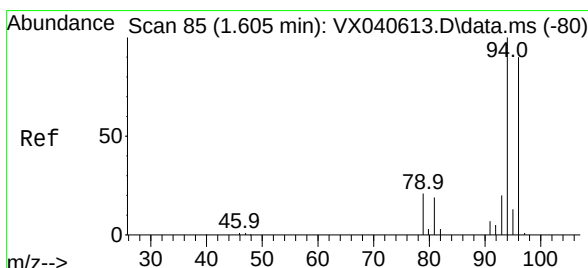
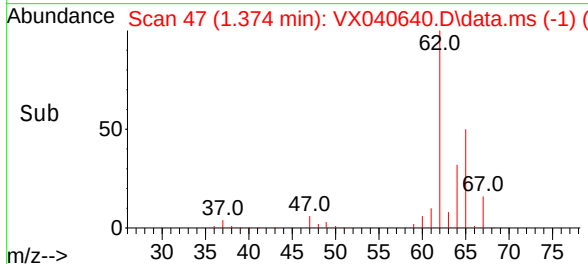
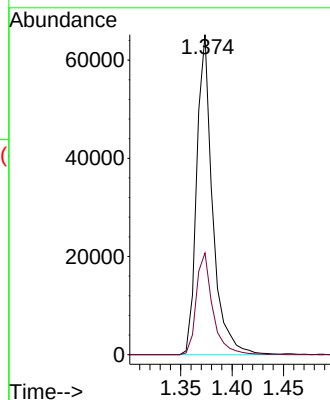
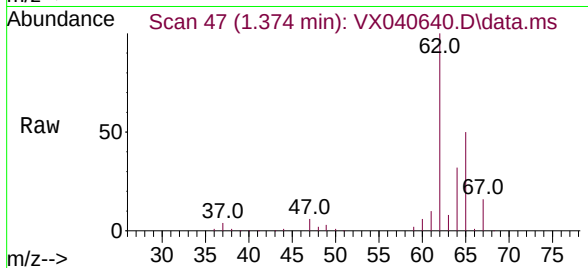
ClientSampleId :

Tgt Ion: 62 Resp: 70059

Ion Ratio Lower Upper

62 100

64 31.8 23.8 44.2



#6

Bromomethane

Concen: 57.457 ug/L

RT: 1.605 min Scan# 85

Delta R.T. 0.000 min

Lab File: VX040640.D

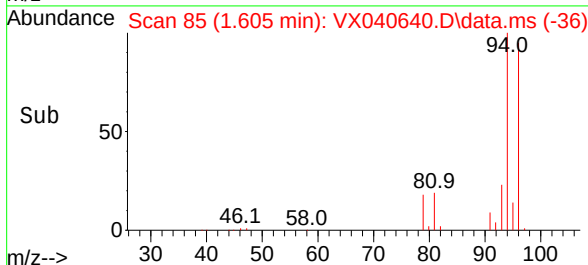
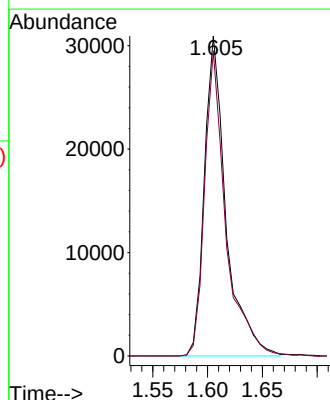
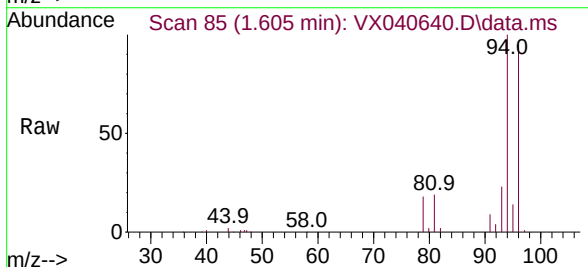
Acq: 15 Mar 2024 09:39

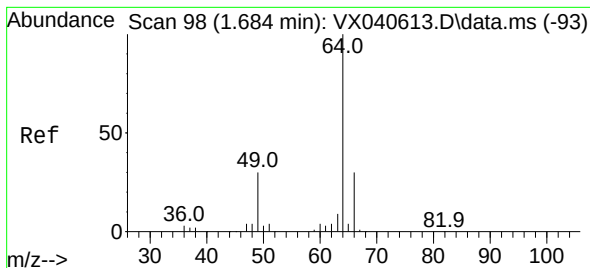
Tgt Ion: 94 Resp: 42403

Ion Ratio Lower Upper

94 100

96 95.4 69.0 128.2





#8

Chloroethane

Concen: 52.426 ug/L

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

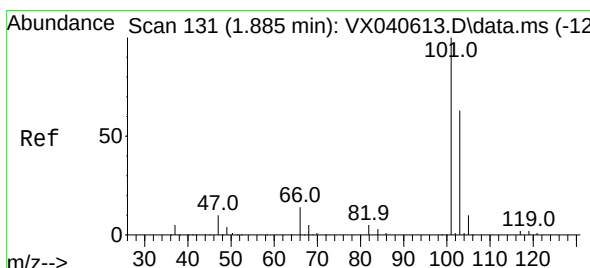
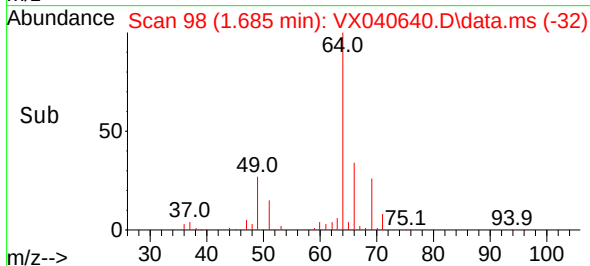
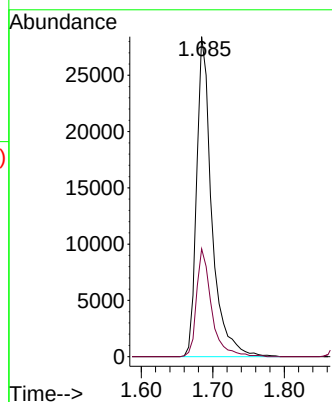
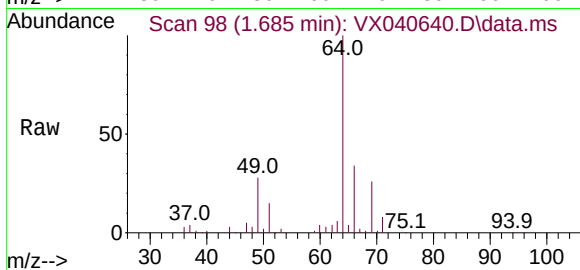
ClientSampleId :

Tgt Ion: 64 Resp: 41787

Ion Ratio Lower Upper

64 100

66 33.7 25.0 46.4



#9

Trichlorofluoromethane

Concen: 55.816 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX040640.D

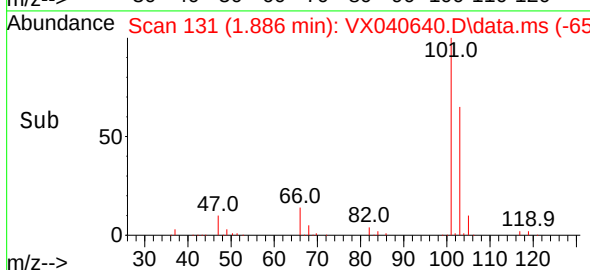
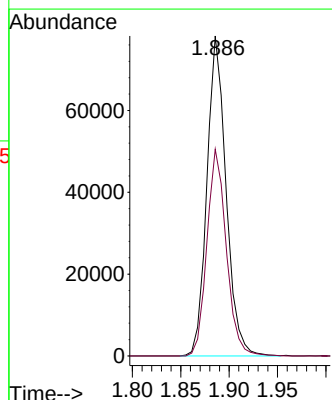
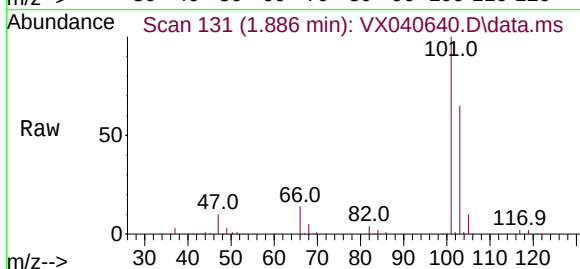
Acq: 15 Mar 2024 09:39

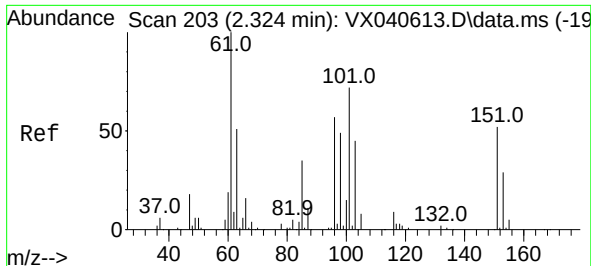
Tgt Ion:101 Resp: 107962

Ion Ratio Lower Upper

101 100

103 65.3 51.7 77.5

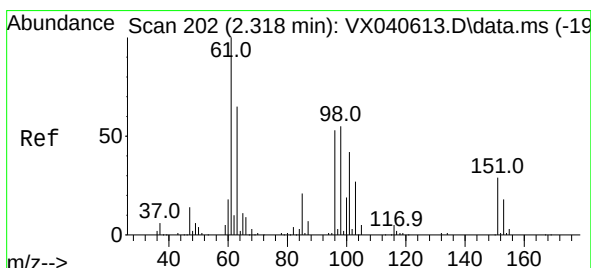
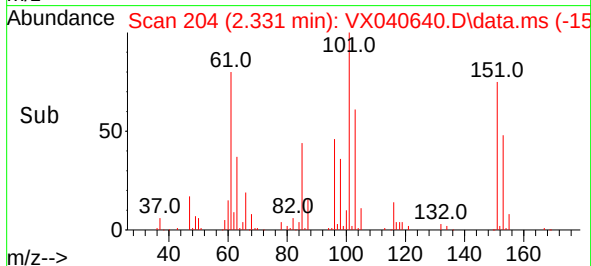
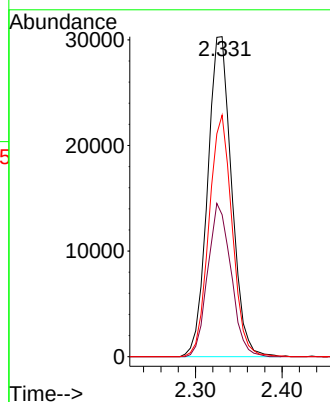
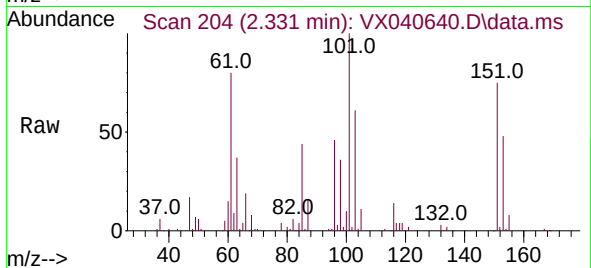




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.030 ug/L
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

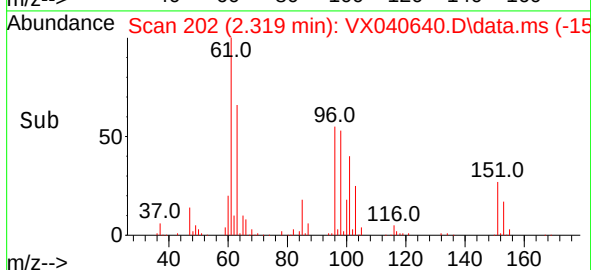
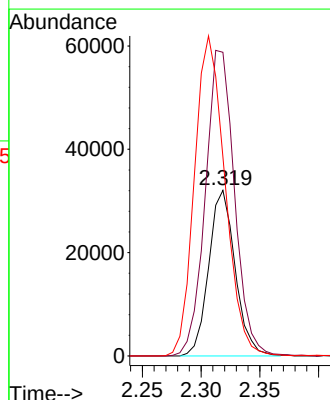
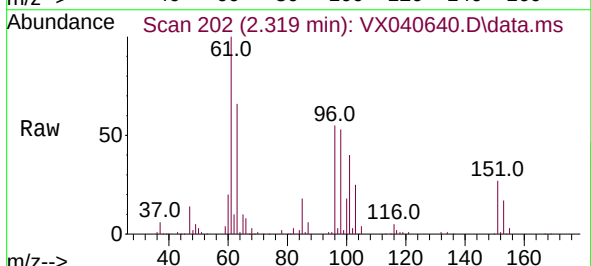
Instrument :
MSVOA_X
ClientSampleId :

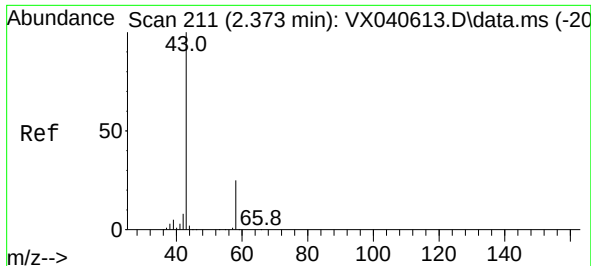
Tgt Ion:101 Resp: 58546
Ion Ratio Lower Upper
101 100
85 46.2 38.3 57.5
151 72.6 57.7 86.5



#12
1,1-Dichloroethene
Concen: 49.829 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion: 96 Resp: 50298
Ion Ratio Lower Upper
96 100
61 183.3 134.8 250.4
63 120.1 92.5 171.9





#13

Acetone

Concen: 85.533 ug/L

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

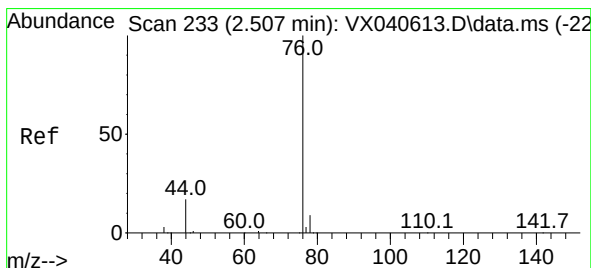
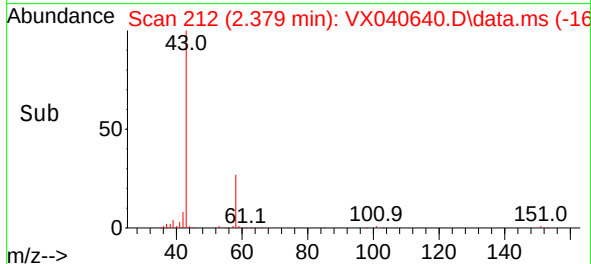
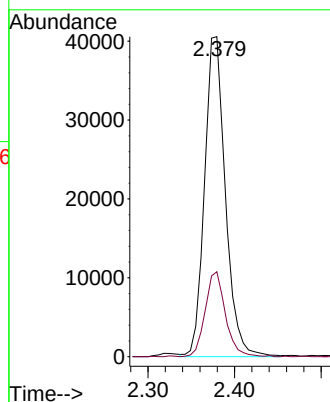
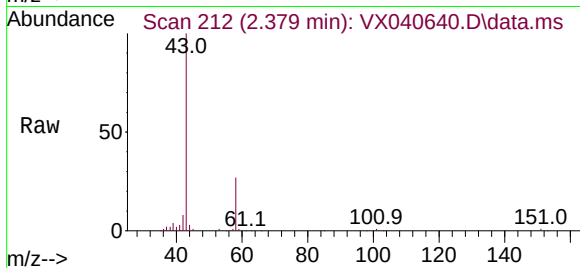
ClientSampleId :

Tgt Ion: 43 Resp: 68040

Ion Ratio Lower Upper

43 100

58 25.7 0.0 54.6



#14

Carbon disulfide

Concen: 49.258 ug/L

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX040640.D

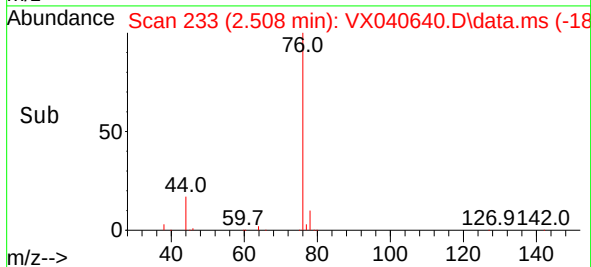
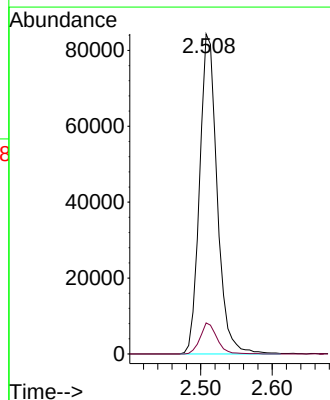
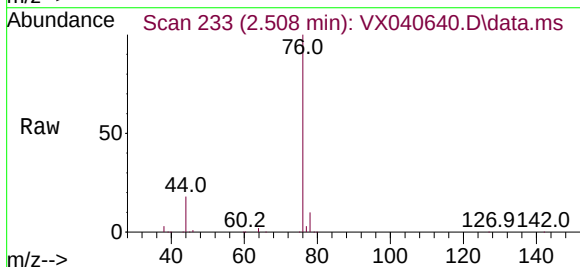
Acq: 15 Mar 2024 09:39

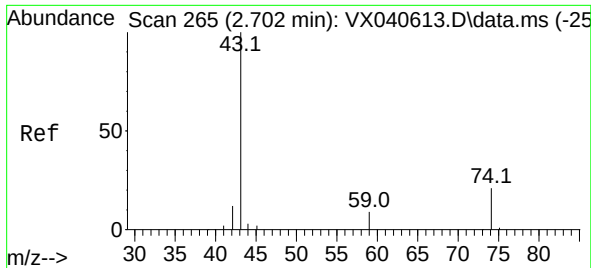
Tgt Ion: 76 Resp: 143874

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8

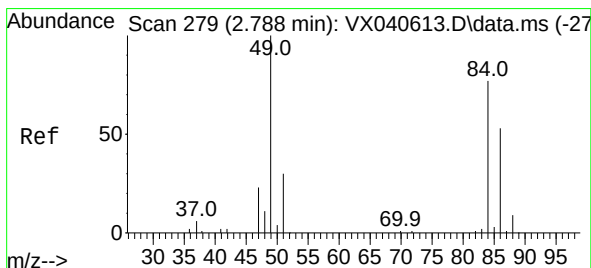
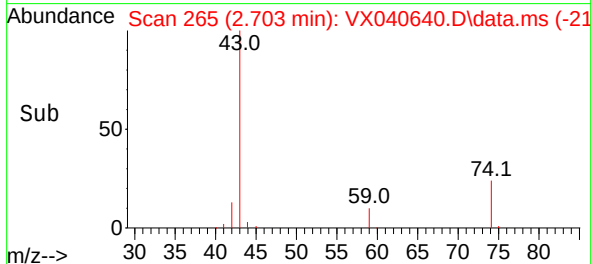
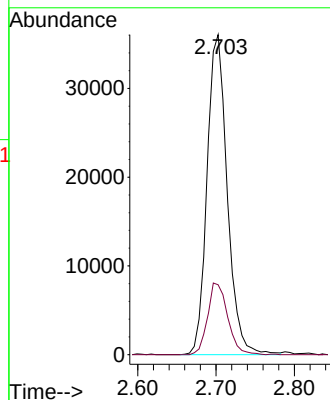
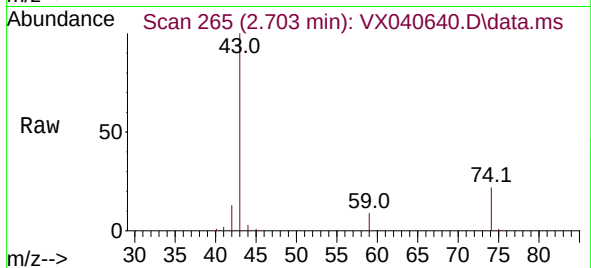




#15
Methyl Acetate
Concen: 48.077 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

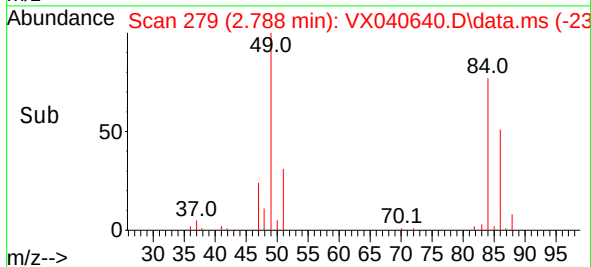
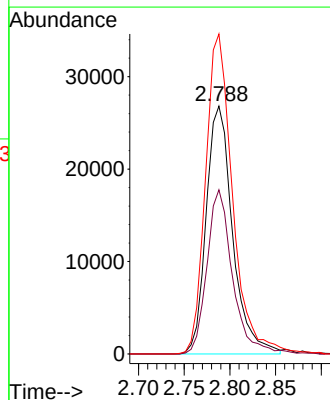
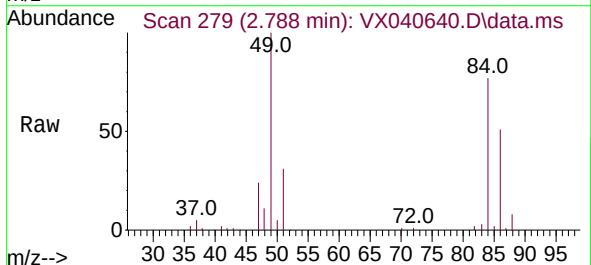
Instrument :
MSVOA_X
ClientSampleId :

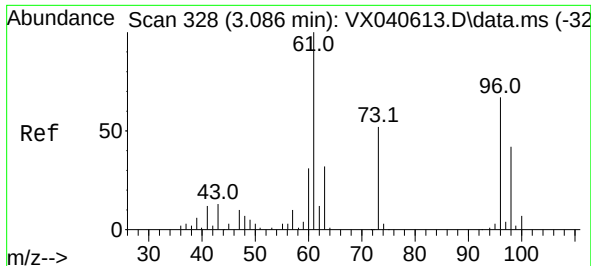
Tgt Ion: 43 Resp: 64564
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4



#16
Methylene chloride
Concen: 48.573 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion: 84 Resp: 53995
Ion Ratio Lower Upper
84 100
86 66.2 45.8 85.2
49 129.1 92.6 172.0





#17

trans-1,2-Dichloroethene

Concen: 48.415 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

ClientSampleId :

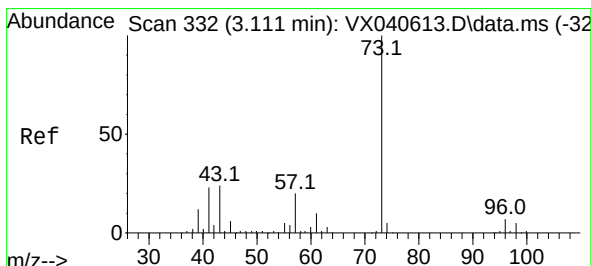
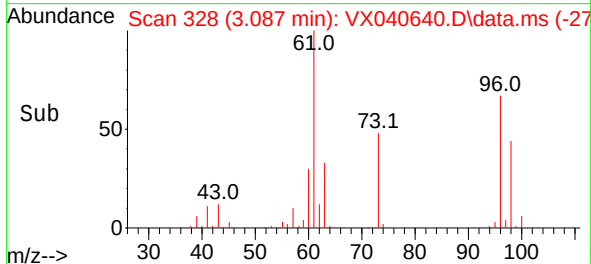
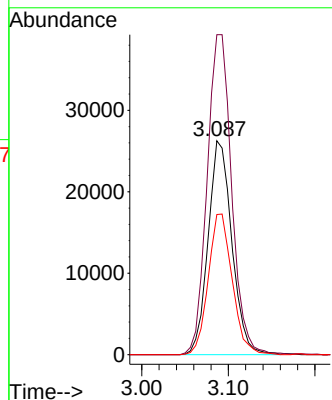
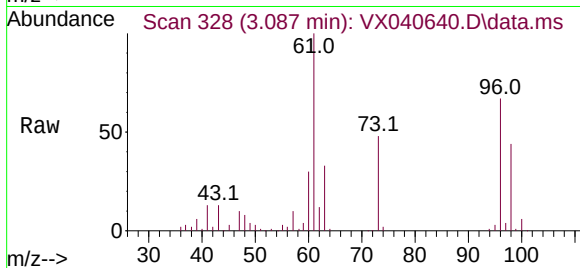
Tgt Ion: 96 Resp: 50172

Ion Ratio Lower Upper

96 100

61 149.6 106.6 198.0

98 65.5 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 50.319 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

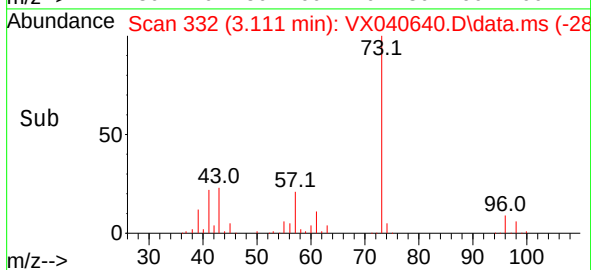
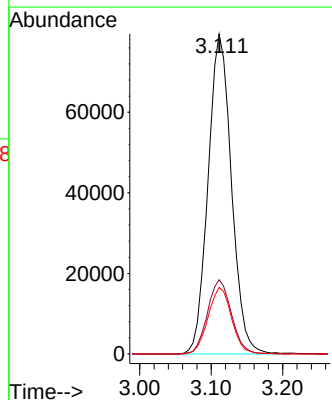
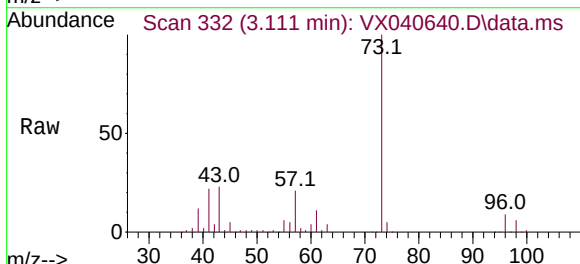
Tgt Ion: 73 Resp: 180337

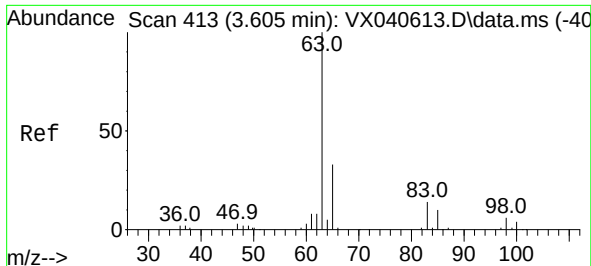
Ion Ratio Lower Upper

73 100

43 23.7 19.3 28.9

57 20.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 50.814 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

ClientSampleId :

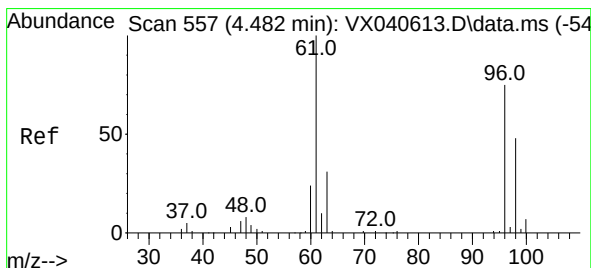
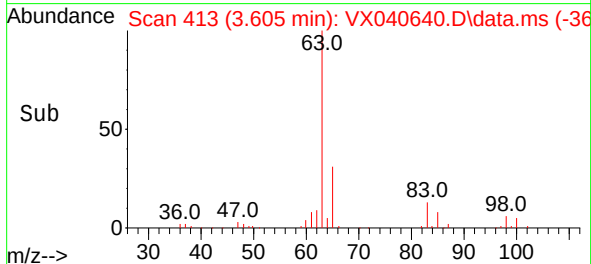
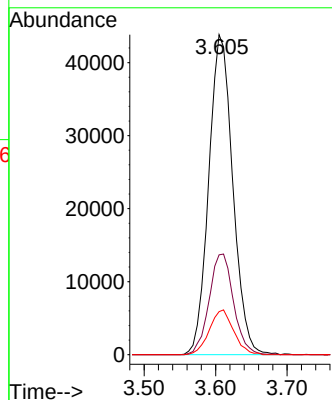
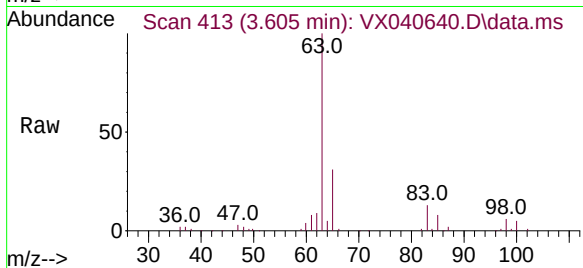
Tgt Ion: 63 Resp: 102315

Ion Ratio Lower Upper

63 100

65 31.2 23.1 42.9

83 13.5 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 49.954 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

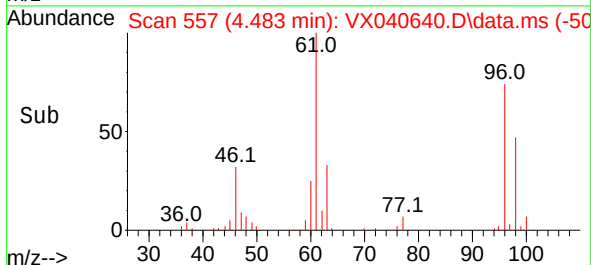
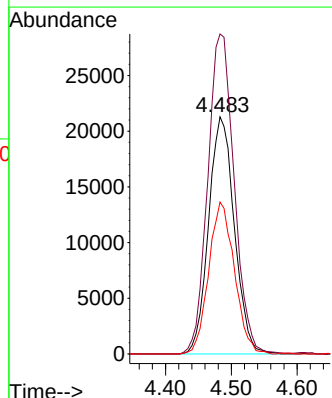
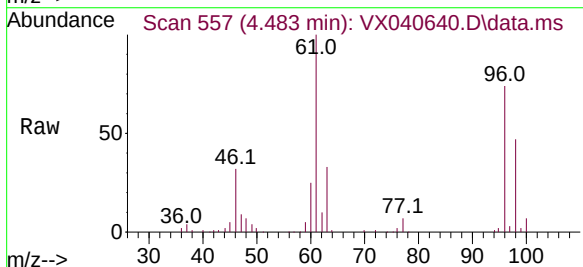
Tgt Ion: 96 Resp: 58047

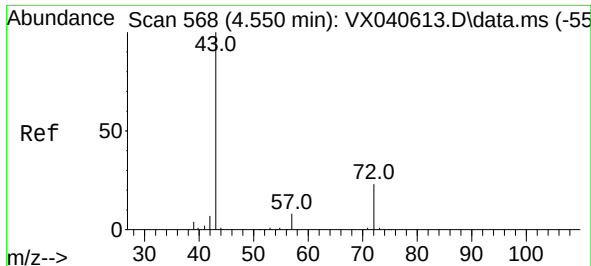
Ion Ratio Lower Upper

96 100

61 134.9 93.0 172.8

98 64.0 42.4 78.6

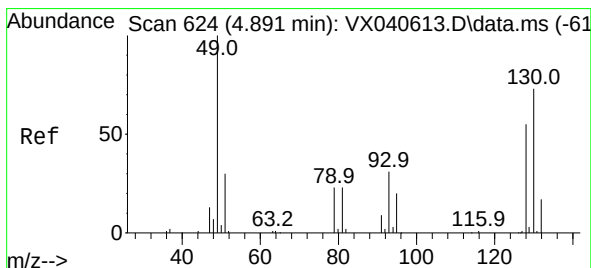
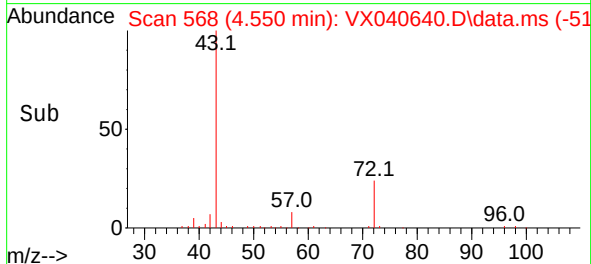
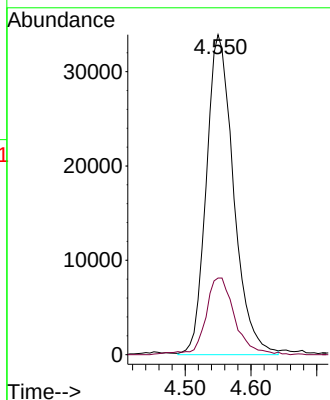
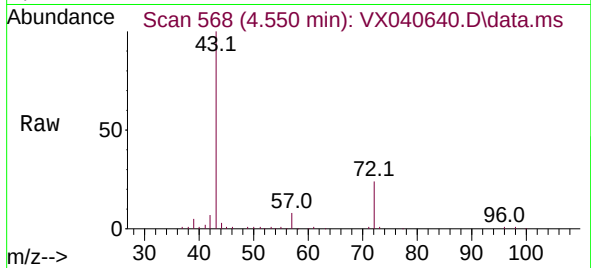




#22
2-Butanone
Concen: 92.879 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

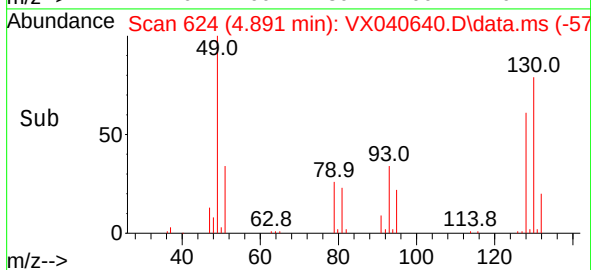
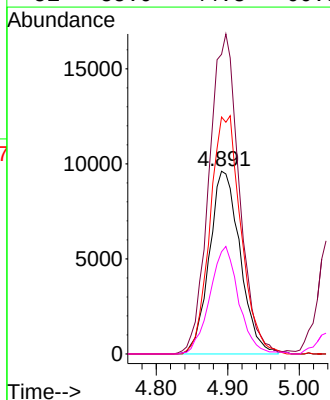
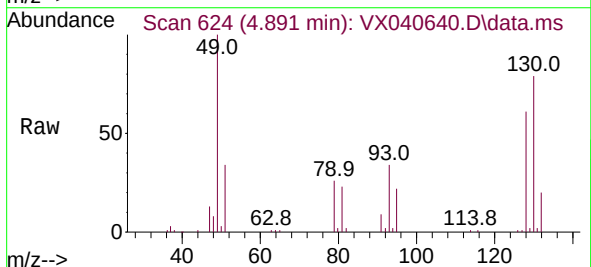
Instrument :
MSVOA_X
ClientSampleId :

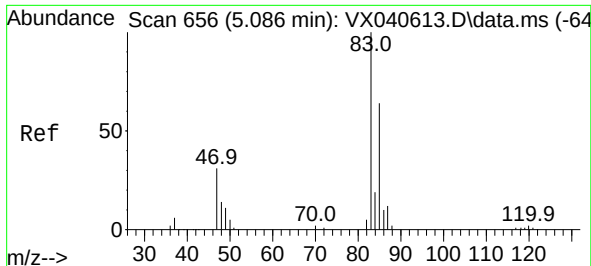
Tgt Ion: 43 Resp: 97833
Ion Ratio Lower Upper
43 100
72 23.8 12.4 37.2



#23
Bromochloromethane
Concen: 48.389 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion:128 Resp: 28678
Ion Ratio Lower Upper
128 100
49 164.0 118.1 219.3
130 129.7 89.4 166.0
51 55.9 44.3 66.5





#25

Chloroform

Concen: 49.943 ug/L

RT: 5.092 min Scan# 60

Delta R.T. 0.006 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

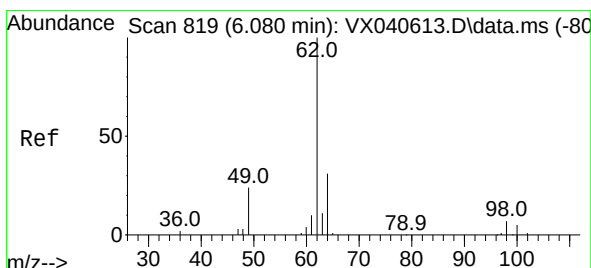
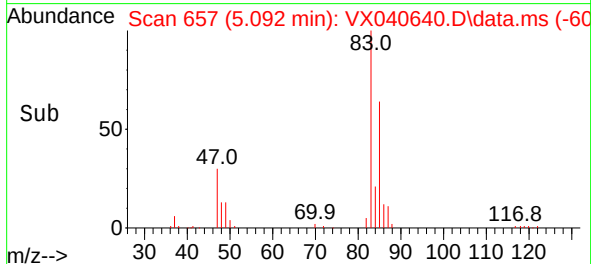
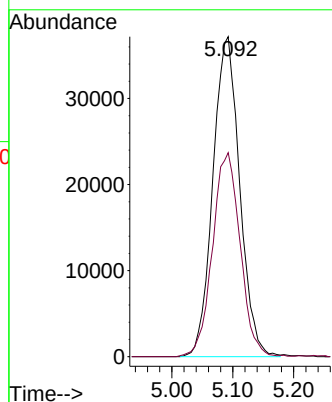
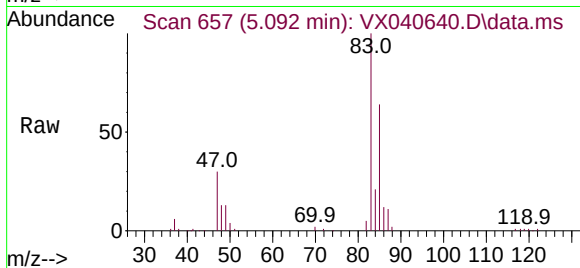
ClientSampleId :

Tgt Ion: 83 Resp: 113481

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 49.988 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX040640.D

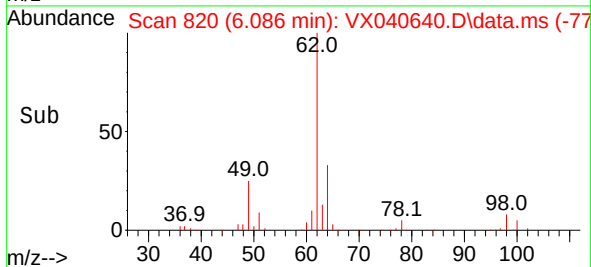
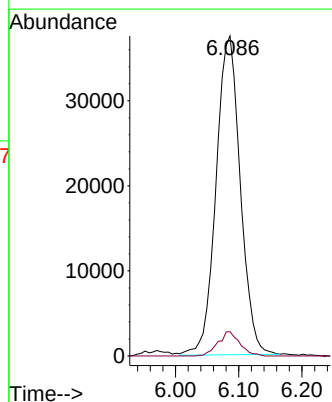
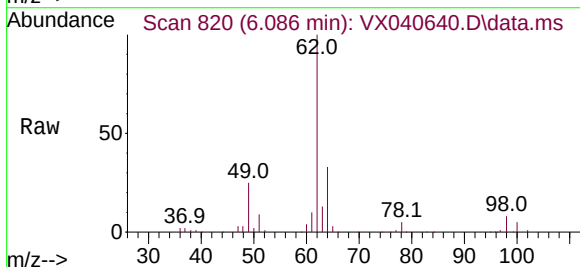
Acq: 15 Mar 2024 09:39

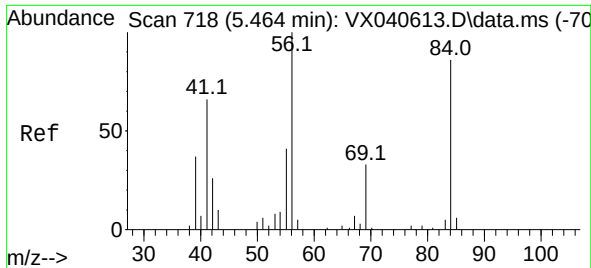
Tgt Ion: 62 Resp: 99816

Ion Ratio Lower Upper

62 100

98 7.6 5.8 8.6

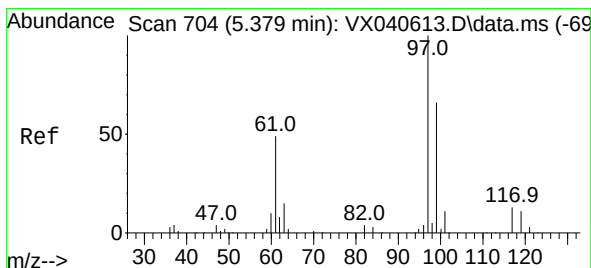
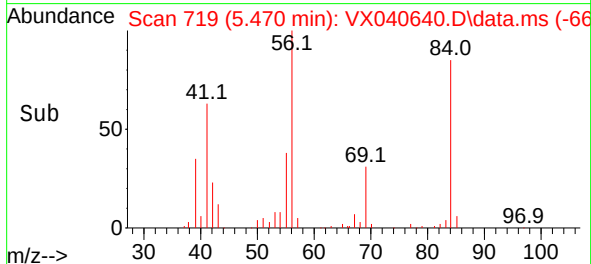
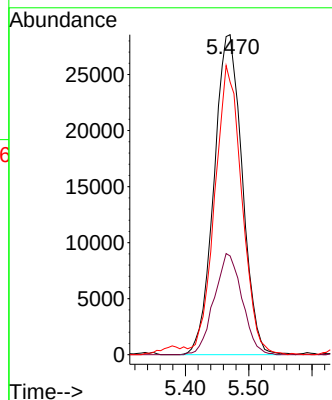
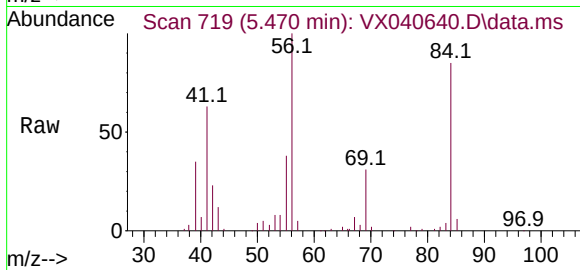




#29
Cyclohexane
Concen: 50.886 ug/L
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

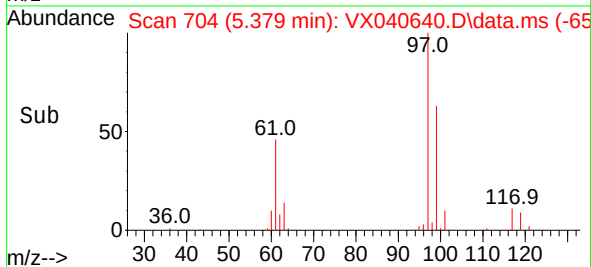
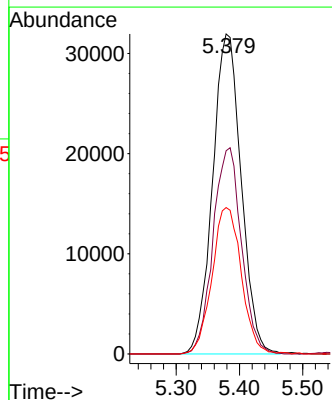
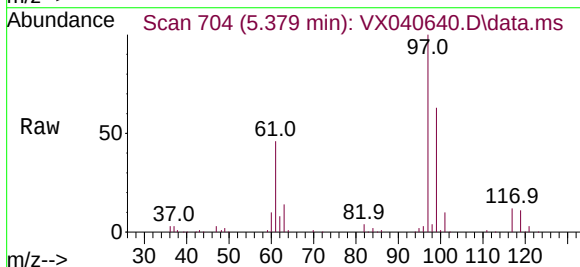
Instrument :
MSVOA_X
ClientSampleId :

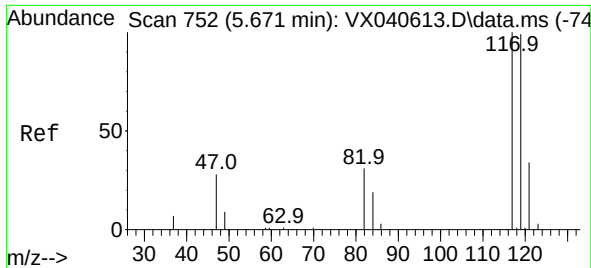
Tgt Ion: 56 Resp: 88299
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.4
84 87.2 70.6 105.8



#30
1,1,1-Trichloroethane
Concen: 50.947 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion: 97 Resp: 100202
Ion Ratio Lower Upper
97 100
99 63.9 52.1 78.1
61 46.8 38.3 57.5

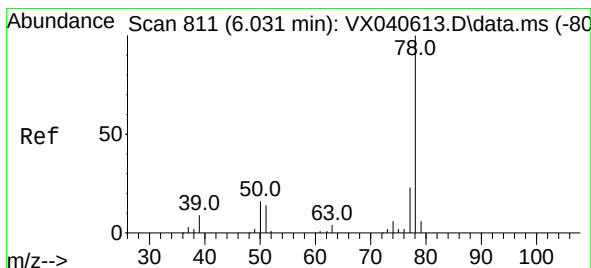
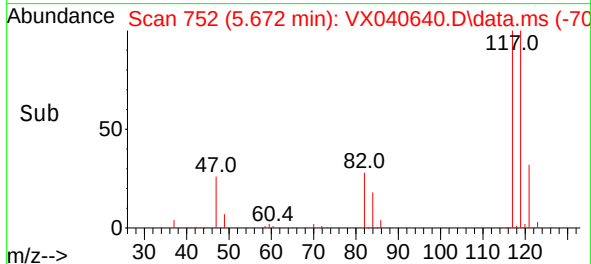
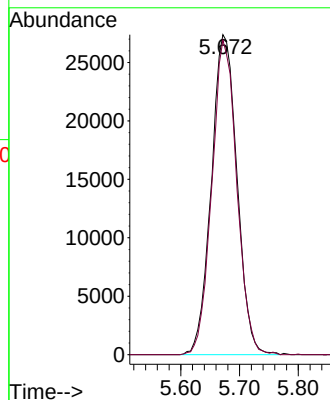
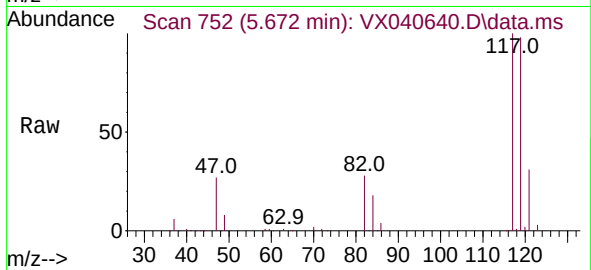




#31
Carbon tetrachloride
Concen: 50.410 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

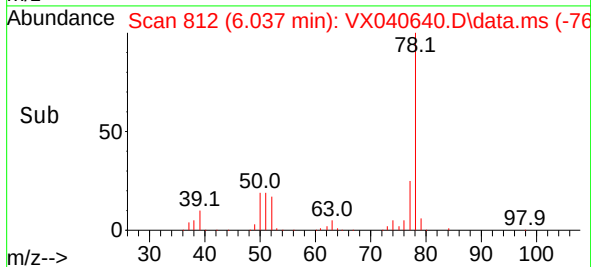
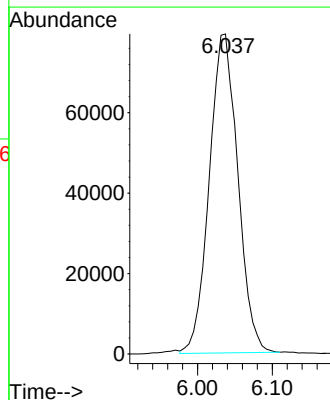
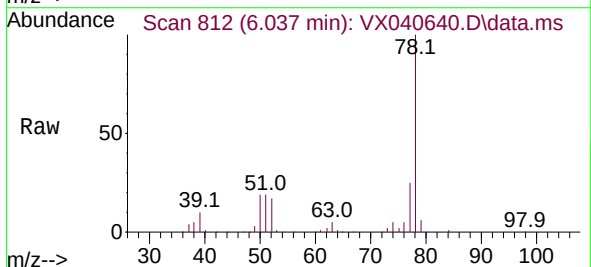
Instrument :
MSVOA_X
ClientSampleId :

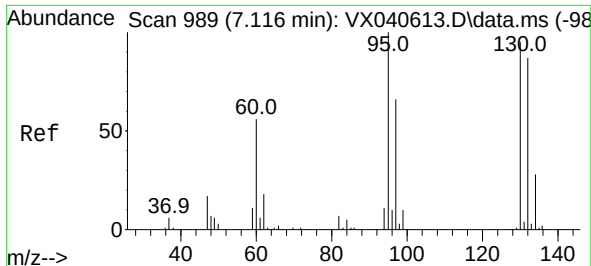
Tgt Ion:117 Resp: 83209
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.2



#33
Benzene
Concen: 49.670 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

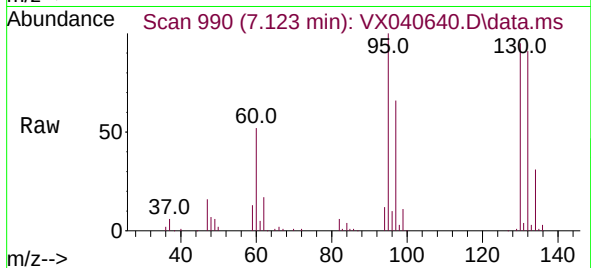
Tgt Ion: 78 Resp: 210705





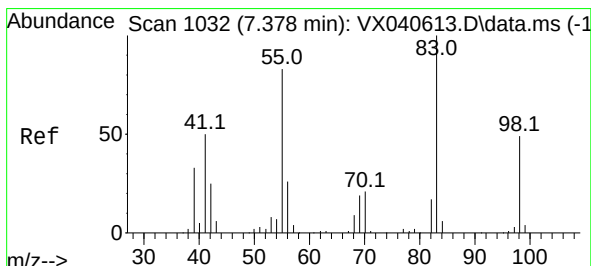
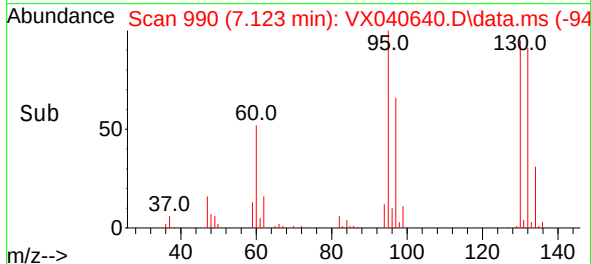
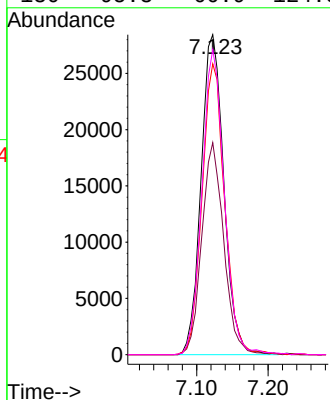
#34
Trichloroethene
Concen: 50.224 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 62897

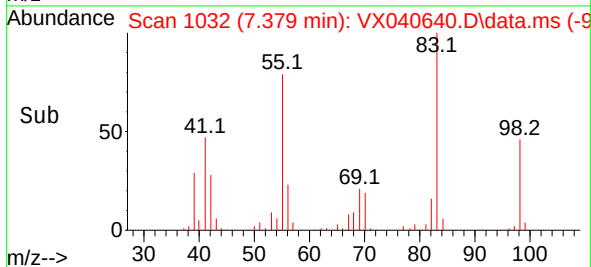
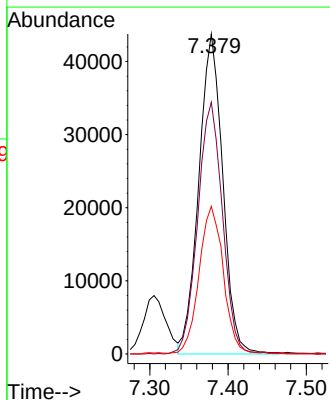
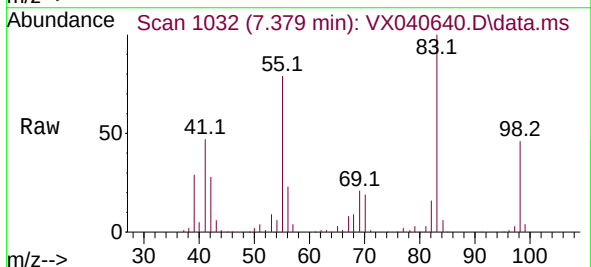
Ion	Ratio	Lower	Upper
95	100		
97	66.3	44.7	83.1
132	90.9	61.5	114.3
130	95.3	66.9	124.3

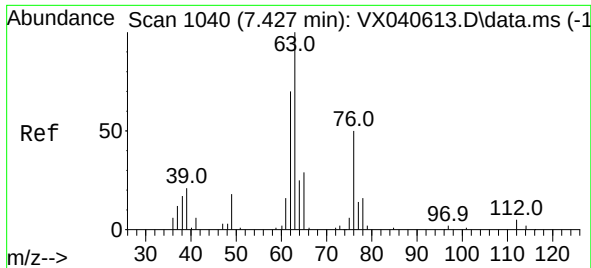


#35
Methylcyclohexane
Concen: 50.837 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion: 83 Resp: 93038

Ion	Ratio	Lower	Upper
83	100		
55	80.9	62.6	94.0
98	46.5	37.4	56.2





#37

1,2-Dichloropropane

Concen: 50.214 ug/L

RT: 7.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

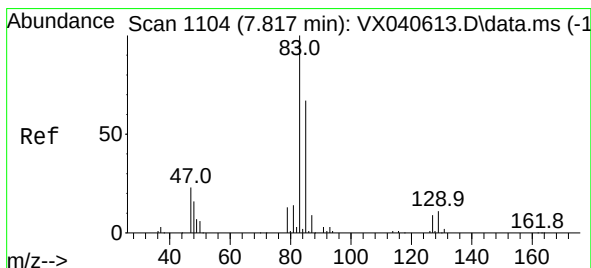
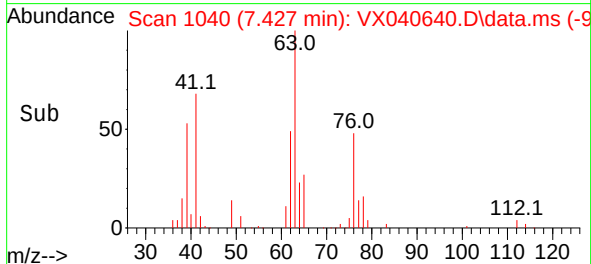
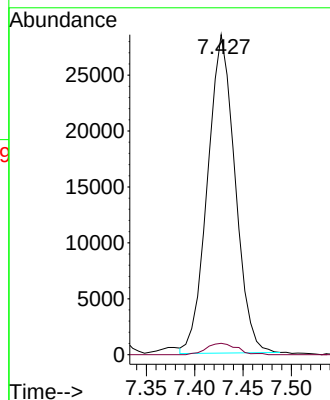
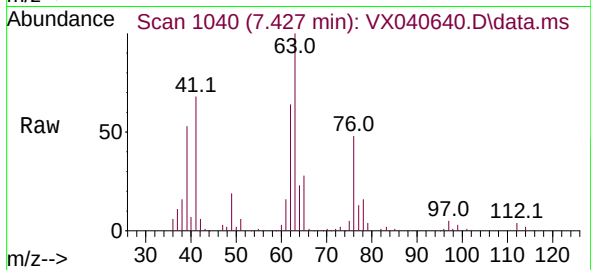
ClientSampleId :

Tgt Ion: 63 Resp: 56395

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 50.437 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

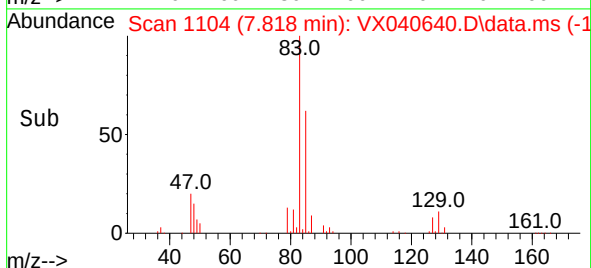
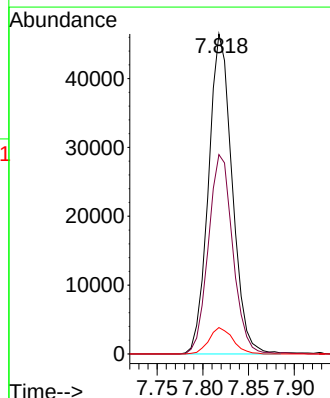
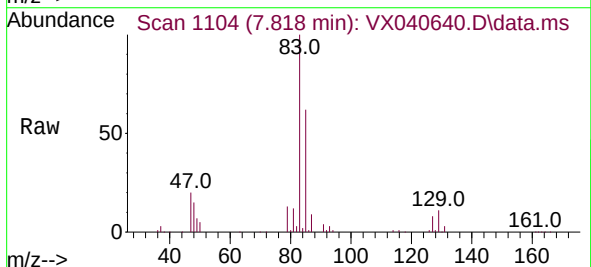
Tgt Ion: 83 Resp: 83780

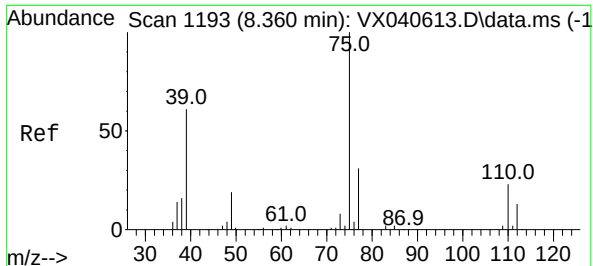
Ion Ratio Lower Upper

83 100

85 62.3 42.8 79.4

127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 51.164 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

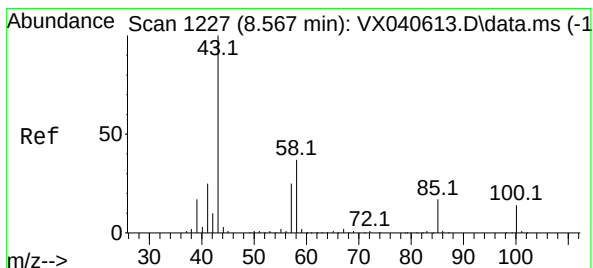
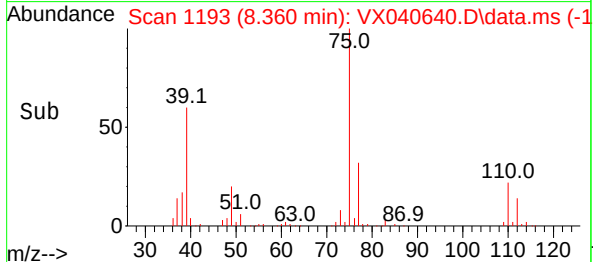
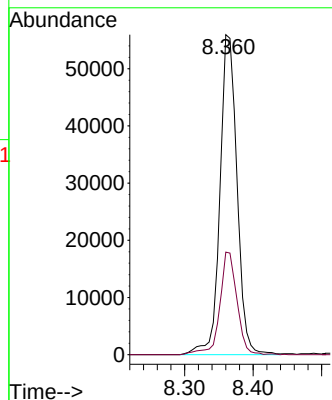
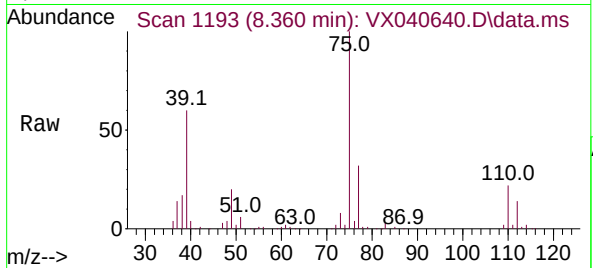
ClientSampleId :

Tgt Ion: 75 Resp: 96741

Ion Ratio Lower Upper

75 100

77 32.0 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 97.043 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

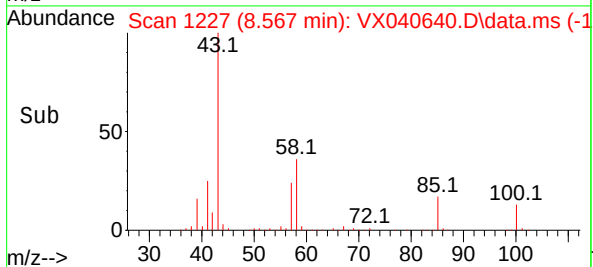
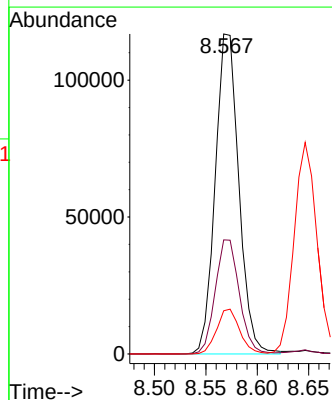
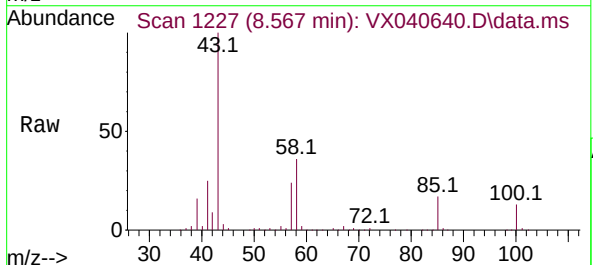
Tgt Ion: 43 Resp: 186838

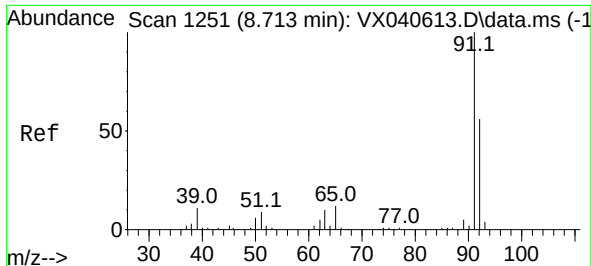
Ion Ratio Lower Upper

43 100

58 36.2 29.3 43.9

100 13.7 10.7 16.1





#42

Toluene

Concen: 50.834 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

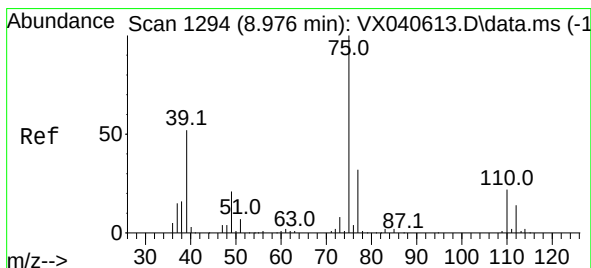
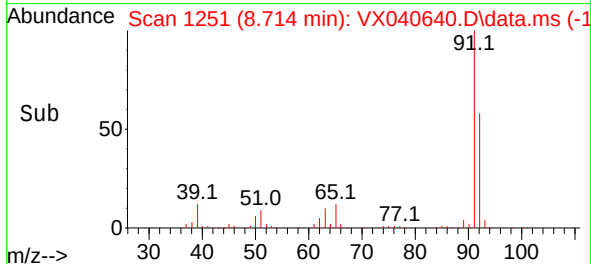
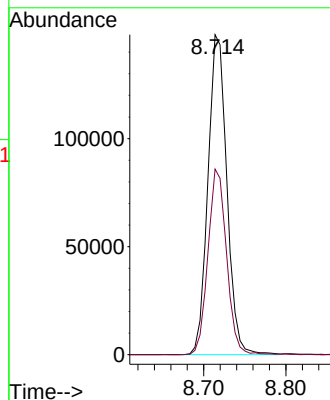
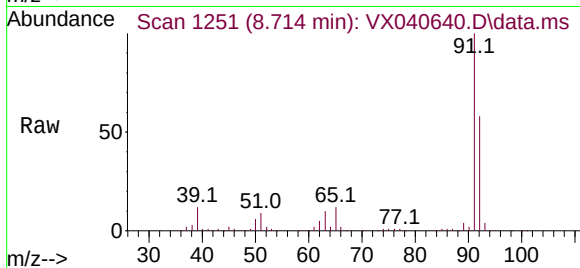
ClientSampleId :

Tgt Ion: 91 Resp: 236576

Ion Ratio Lower Upper

91 100

92 58.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 50.619 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040640.D

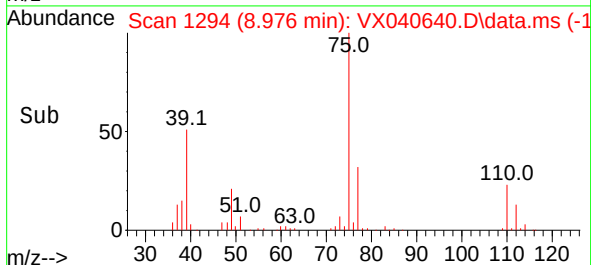
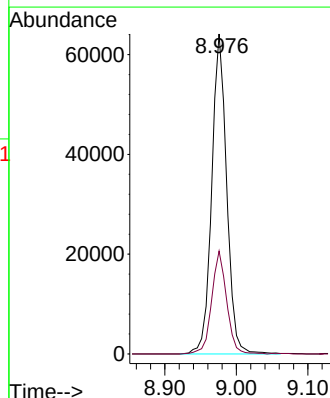
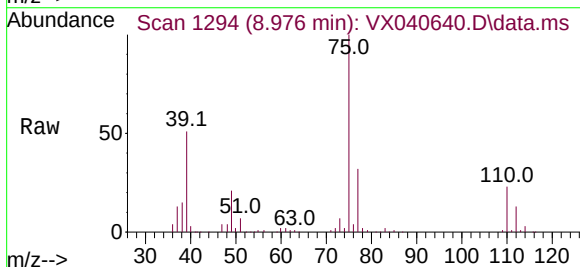
Acq: 15 Mar 2024 09:39

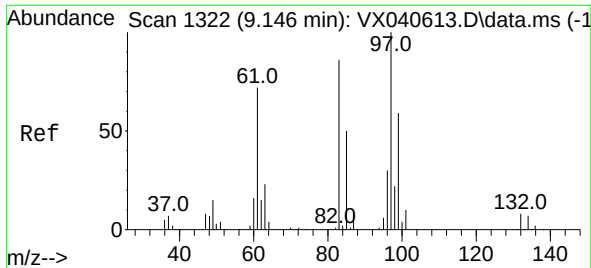
Tgt Ion: 75 Resp: 93224

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1

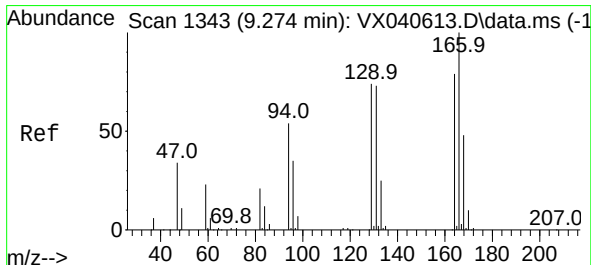
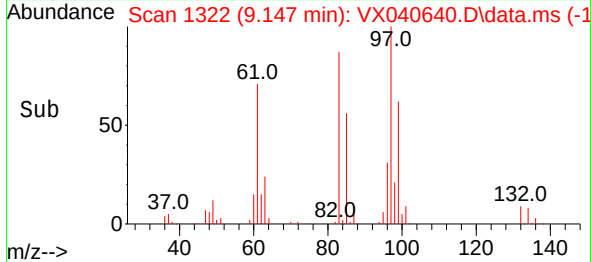
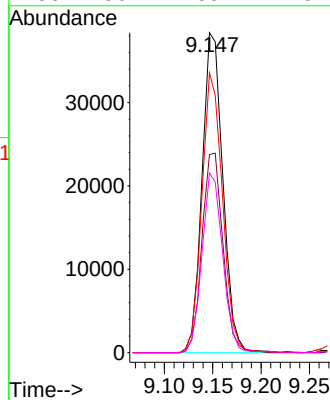
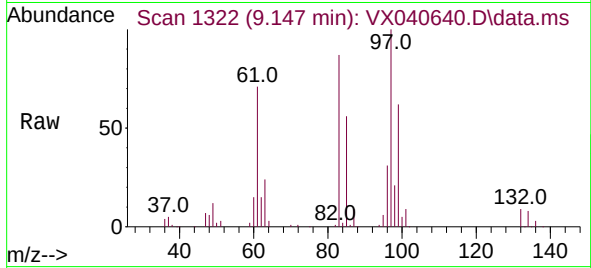




#45
1,1,2-Trichloroethane
Concen: 49.642 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

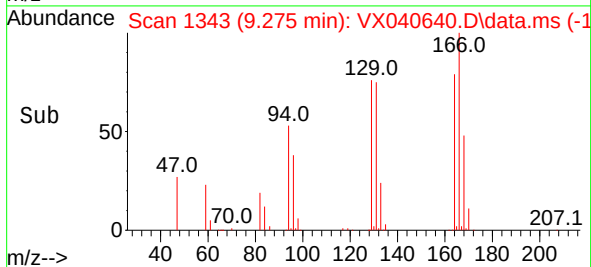
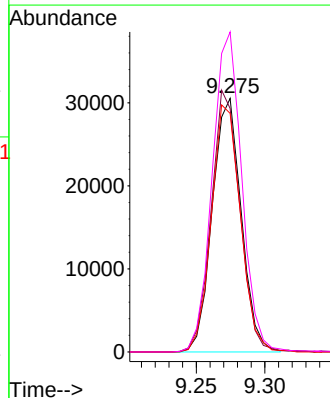
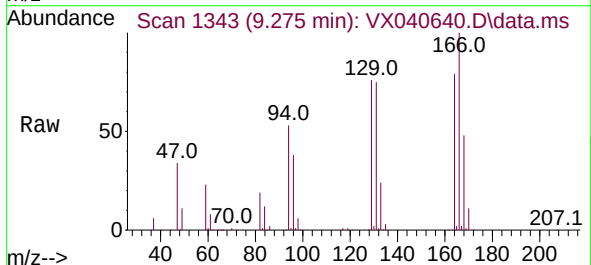
Instrument :
MSVOA_X
ClientSampleId :

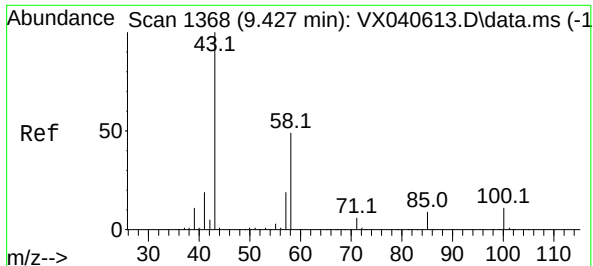
Tgt Ion:	97	Resp:	57552
Ion	Ratio	Lower	Upper
97	100		
99	61.9	42.6	79.0
83	87.4	59.2	110.0
85	56.1	39.7	73.7



#46
Tetrachloroethene
Concen: 49.780 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion:	164	Resp:	44760
Ion	Ratio	Lower	Upper
164	100		
129	96.0	67.8	126.0
131	94.1	67.8	126.0
166	126.2	88.2	163.8





#48

2-Hexanone

Concen: 97.107 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 154923

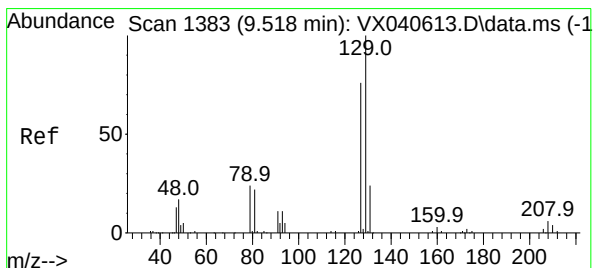
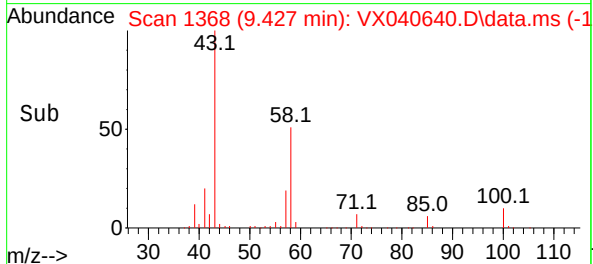
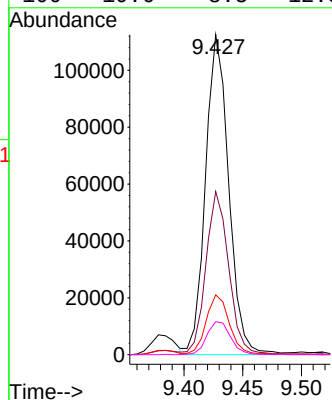
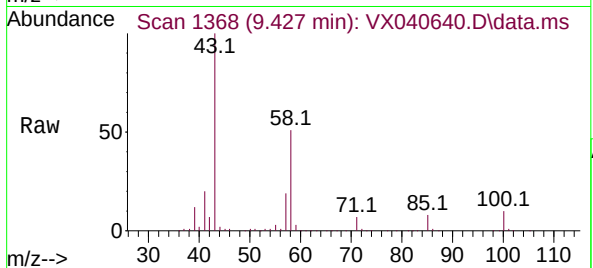
Ion Ratio Lower Upper

43 100

58 49.7 41.0 61.6

57 18.5 14.8 22.2

100 10.6 8.3 12.5



#49

Dibromochloromethane

Concen: 50.805 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040640.D

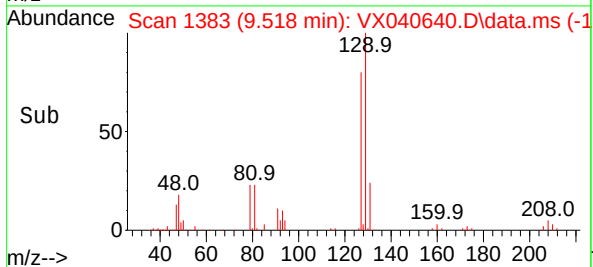
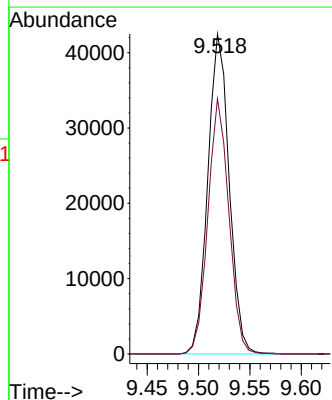
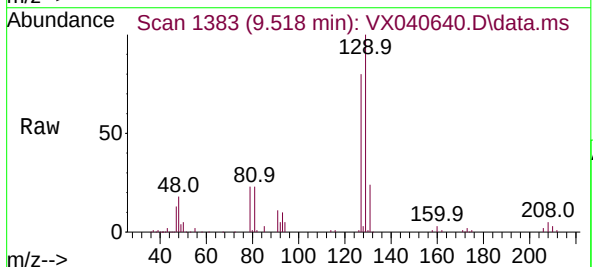
Acq: 15 Mar 2024 09:39

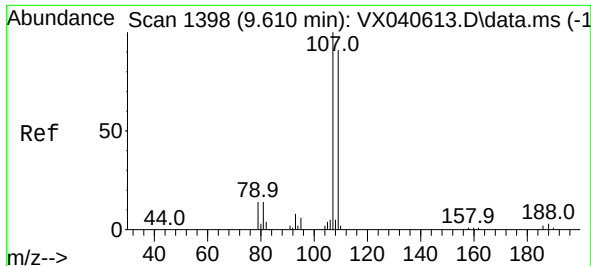
Tgt Ion:129 Resp: 61543

Ion Ratio Lower Upper

129 100

127 79.8 55.8 103.6





#50

1,2-Dibromoethane

Concen: 49.842 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX040640.D

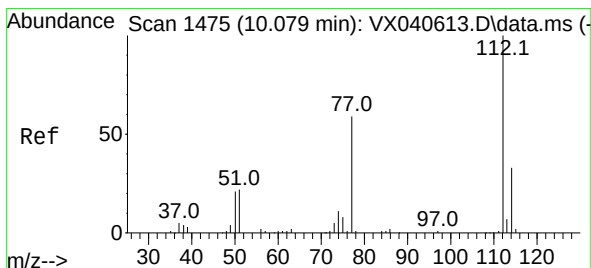
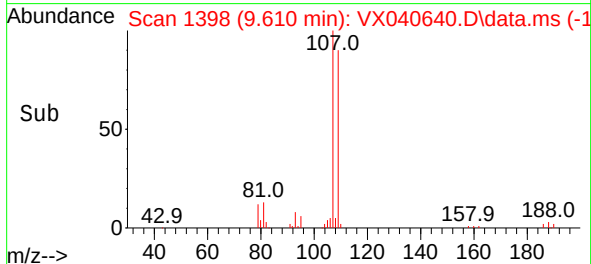
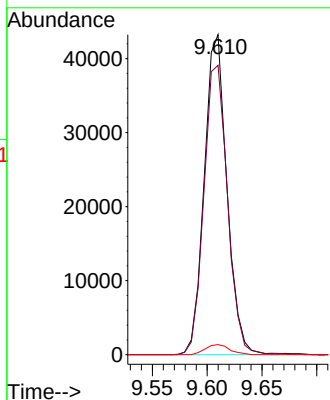
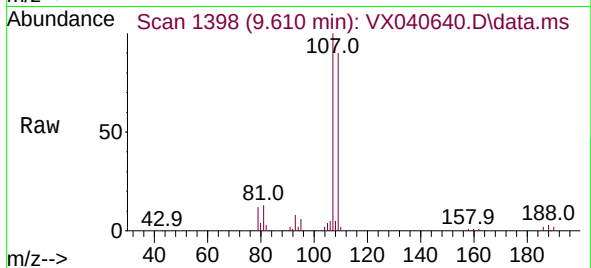
Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	62140
Ion Ratio	Lower	Upper
107	100	
109	90.5	62.9 116.7
188	3.1	2.5 3.7



#51

Chlorobenzene

Concen: 49.294 ug/L

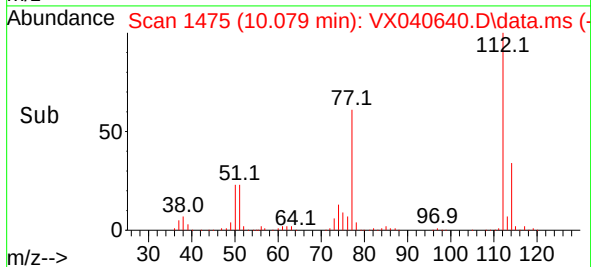
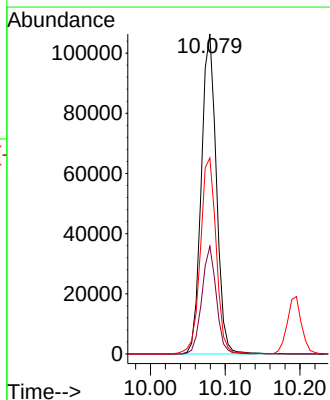
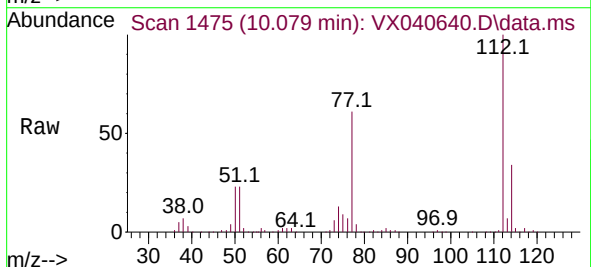
RT: 10.079 min Scan# 1475

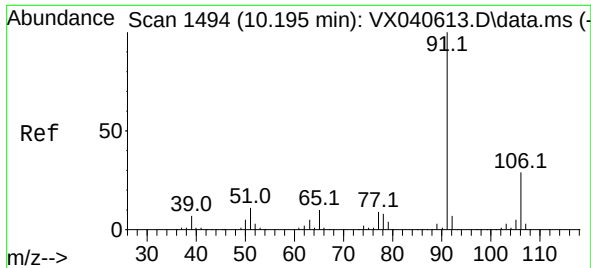
Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Tgt Ion:112	Resp:	148629
Ion Ratio	Lower	Upper
112	100	
114	33.6	22.4 41.6
77	61.2	50.6 75.8

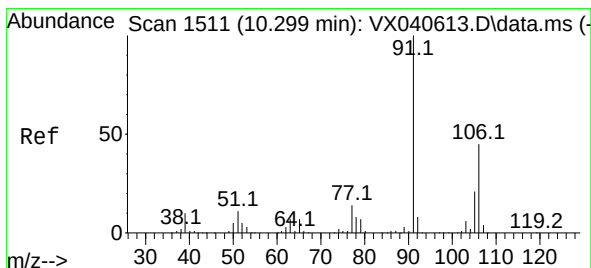
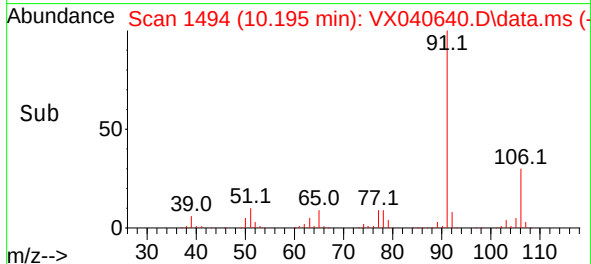
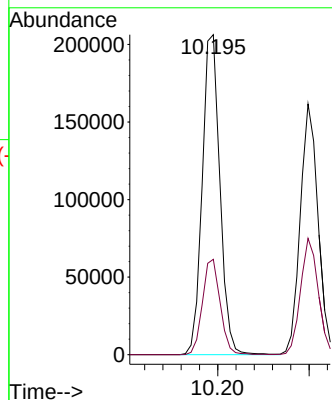
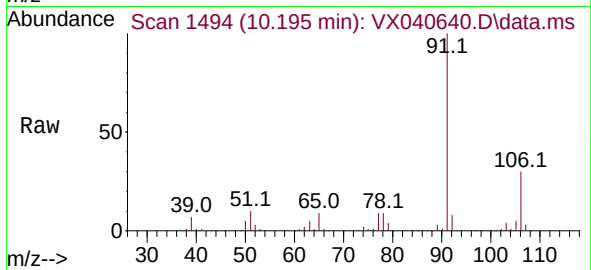




#52
Ethylbenzene
Concen: 50.587 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

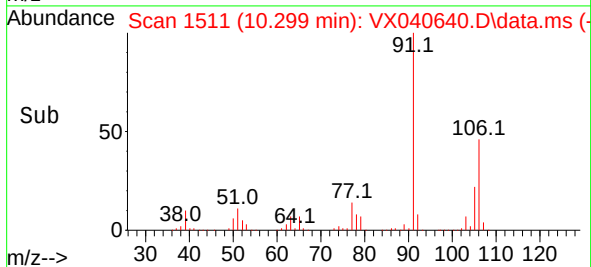
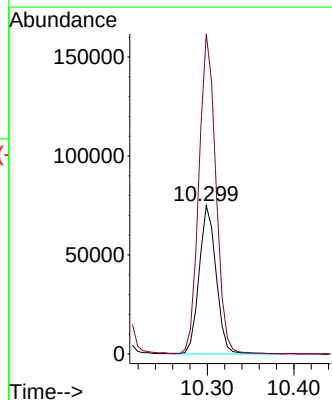
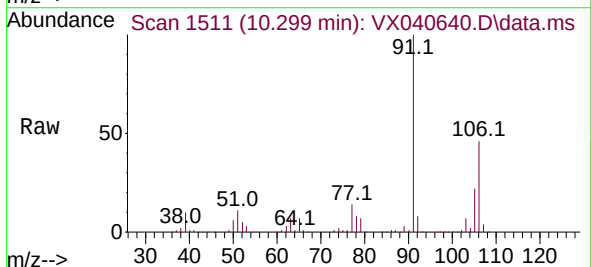
Instrument :
MSVOA_X
ClientSampleId :

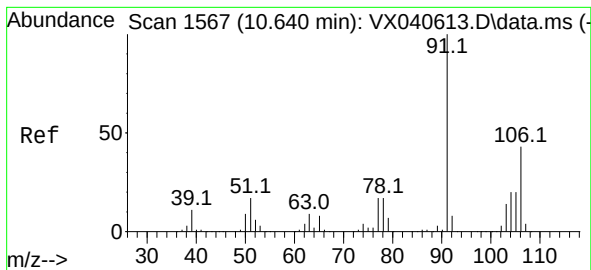
Tgt Ion: 91 Resp: 276660
Ion Ratio Lower Upper
91 100
106 29.8 20.6 38.4



#53
m,p-Xylene
Concen: 51.193 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion: 106 Resp: 101782
Ion Ratio Lower Upper
106 100
91 215.6 160.4 298.0

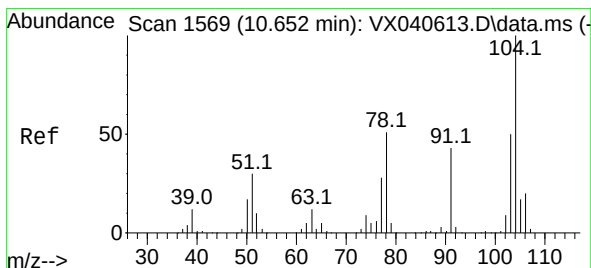
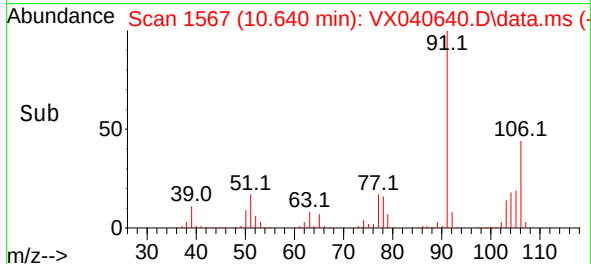
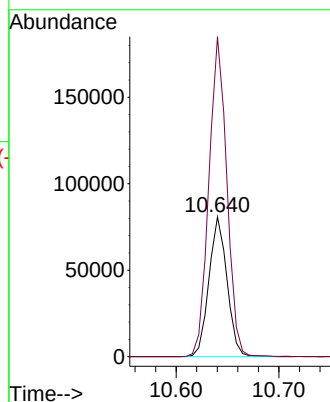
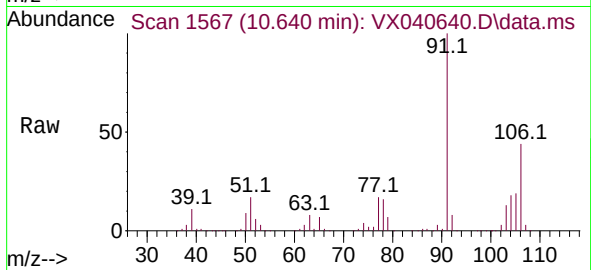




#54
o-Xylene
Concen: 51.756 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

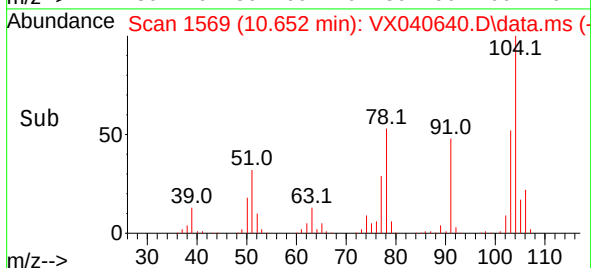
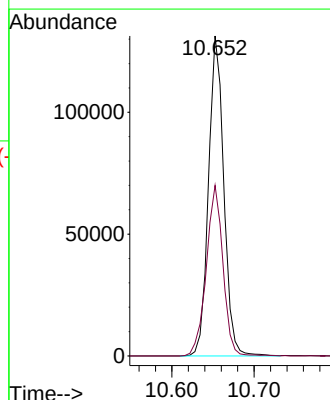
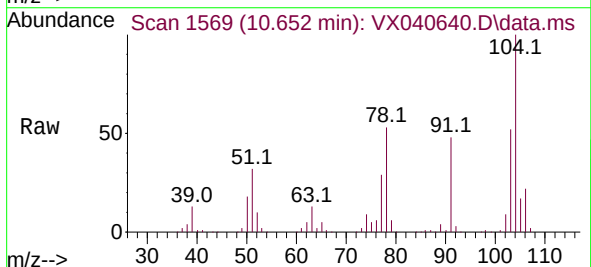
Instrument :
MSVOA_X
ClientSampleId :

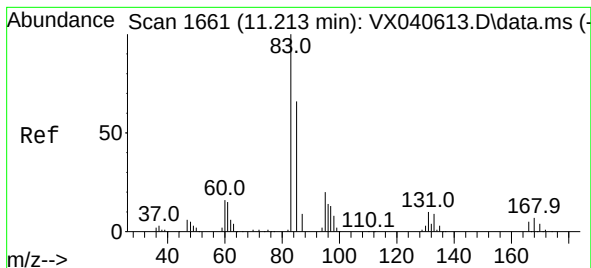
Tgt Ion:106 Resp: 98777
Ion Ratio Lower Upper
106 100
91 229.0 161.7 300.3



#55
Styrene
Concen: 51.133 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion:104 Resp: 170052
Ion Ratio Lower Upper
104 100
78 53.3 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 48.262 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

ClientSampleId :

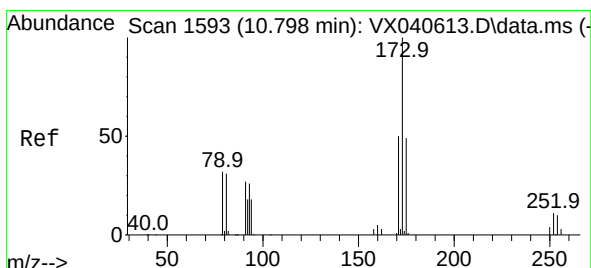
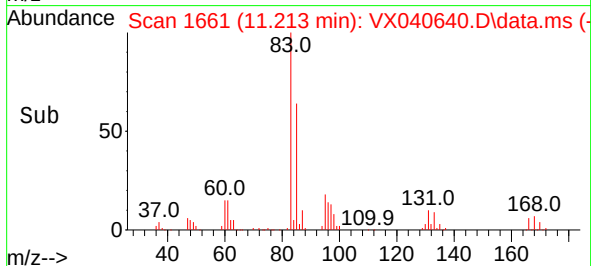
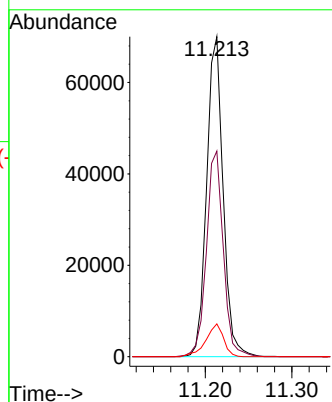
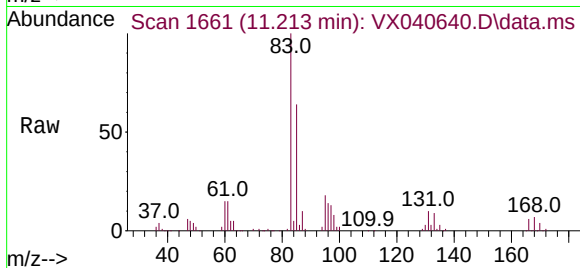
Tgt Ion: 83 Resp: 92223

Ion Ratio Lower Upper

83 100

85 64.2 45.2 84.0

131 10.2 8.2 12.2



#59

Bromoform

Concen: 54.573 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

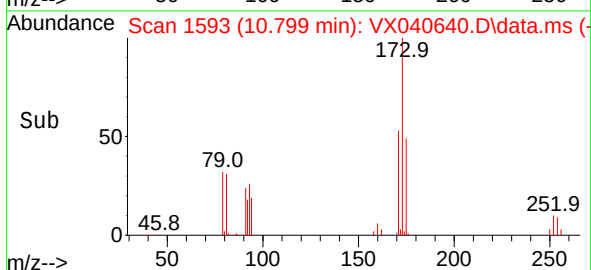
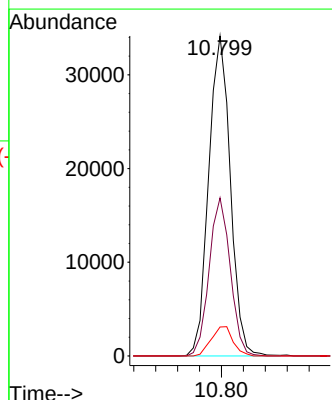
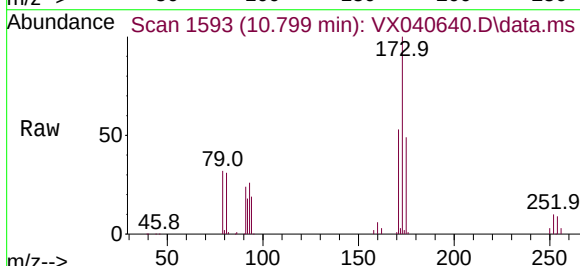
Tgt Ion:173 Resp: 46868

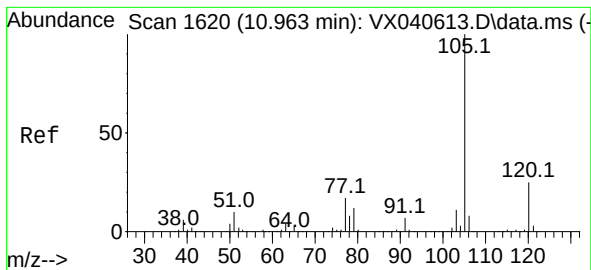
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.0

254 9.2 7.9 11.9





#60

Isopropylbenzene

Concen: 55.322 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

ClientSampleId :

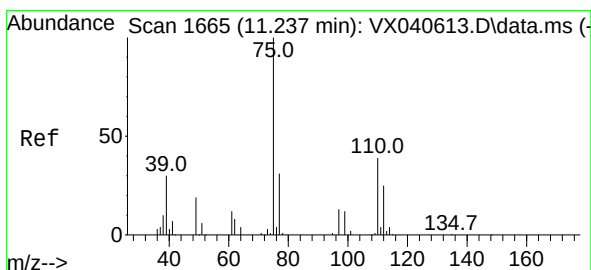
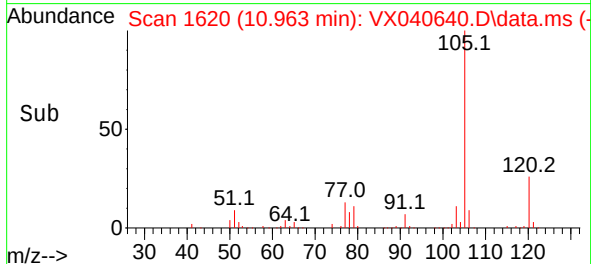
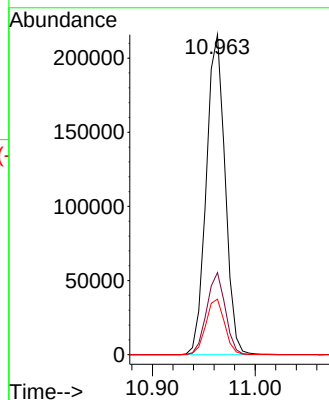
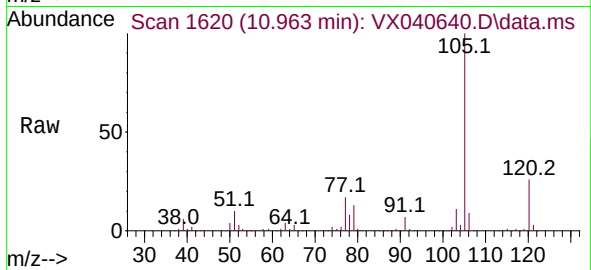
Tgt Ion:105 Resp: 275013

Ion Ratio Lower Upper

105 100

120 25.5 20.1 30.1

77 17.4 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 51.995 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

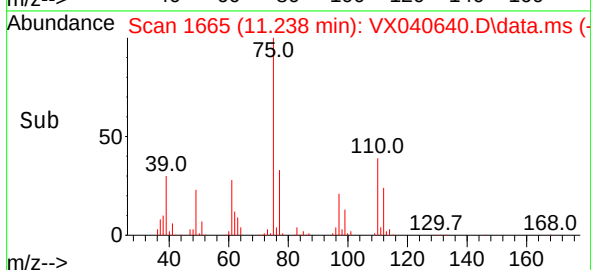
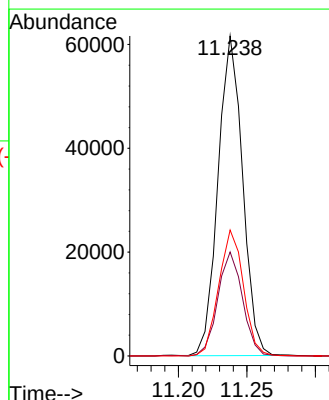
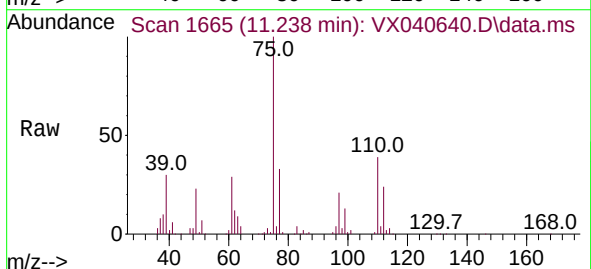
Tgt Ion: 75 Resp: 76719

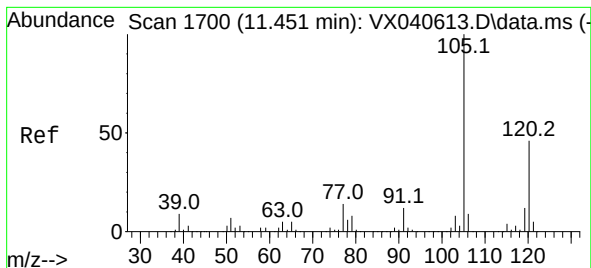
Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

110 39.7 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 56.159 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

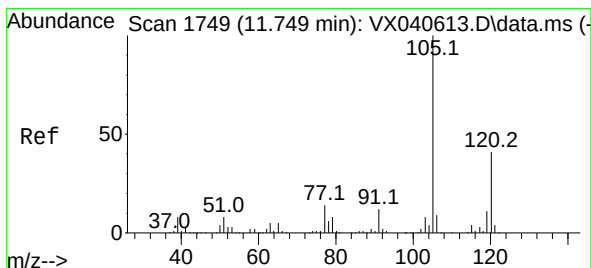
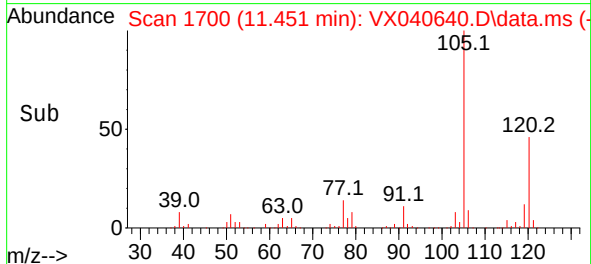
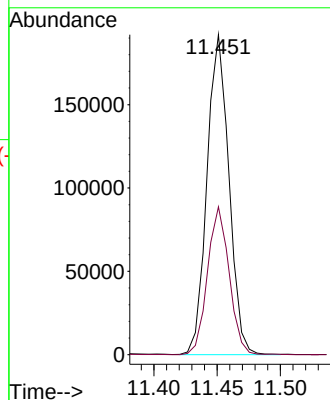
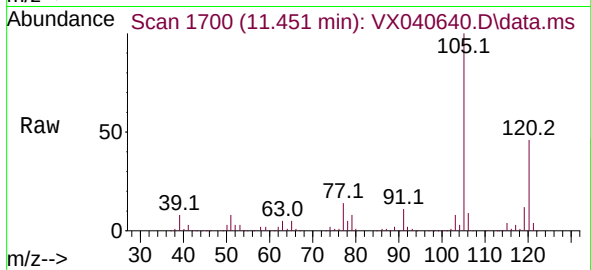
ClientSampleId :

Tgt Ion:105 Resp: 231461

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 55.742 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040640.D

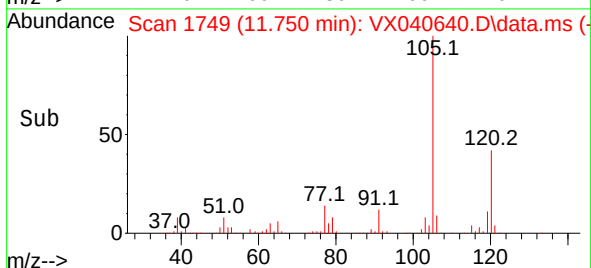
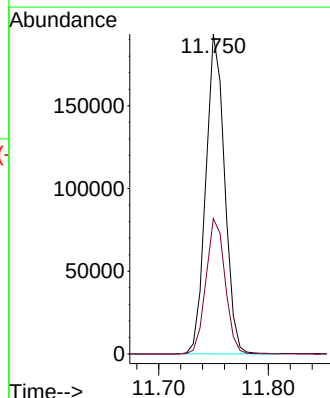
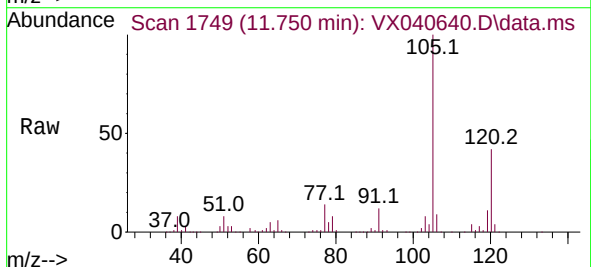
Acq: 15 Mar 2024 09:39

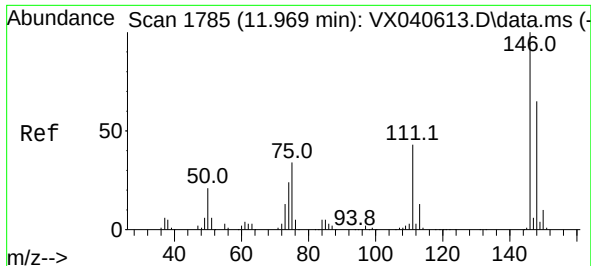
Tgt Ion:105 Resp: 229733

Ion Ratio Lower Upper

105 100

120 43.1 33.9 50.9

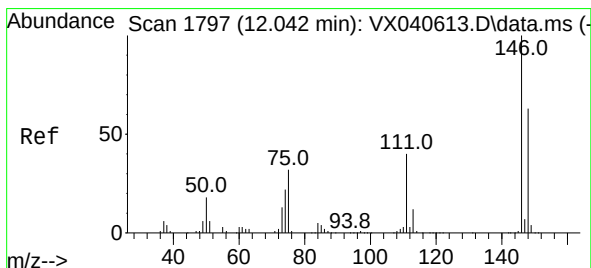
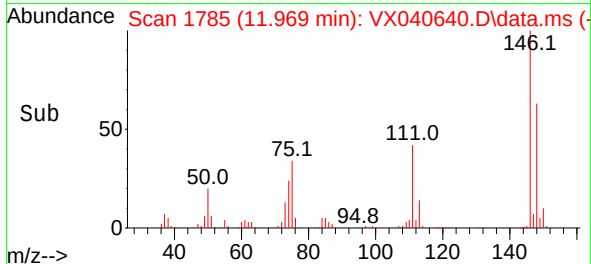
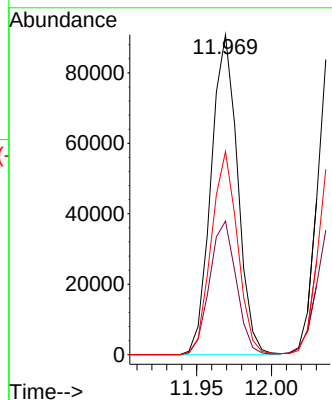
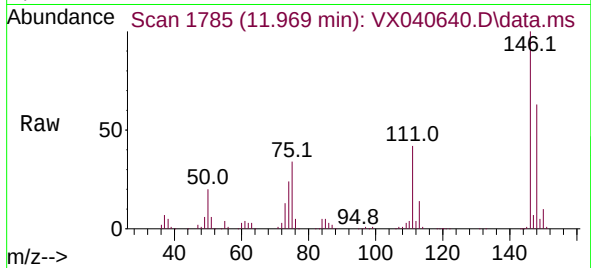




#64
1,3-Dichlorobenzene
Concen: 51.533 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

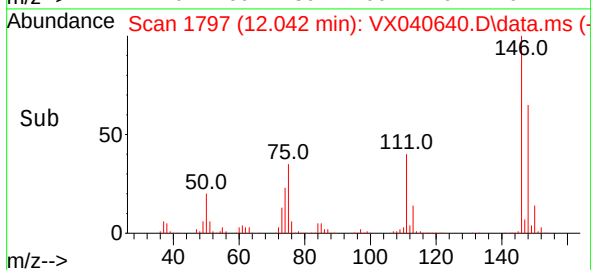
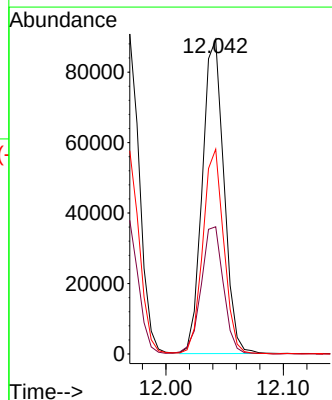
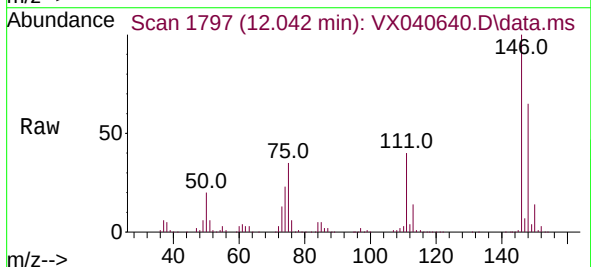
Instrument :
MSVOA_X
ClientSampleId :

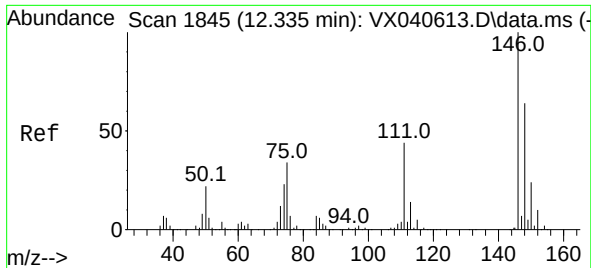
Tgt Ion:146 Resp: 112154
Ion Ratio Lower Upper
146 100
111 41.7 30.0 55.6
148 63.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.509 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion:146 Resp: 114003
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.4
148 65.1 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 52.509 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

ClientSampleId :

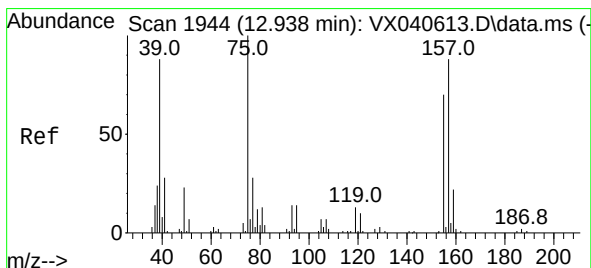
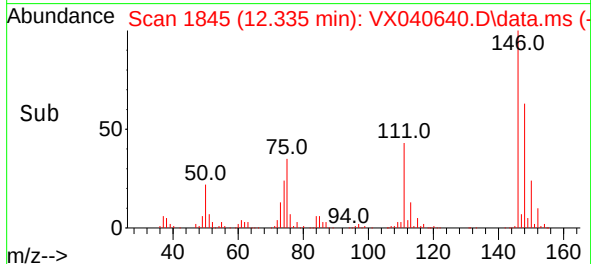
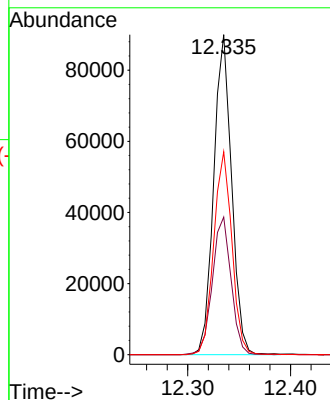
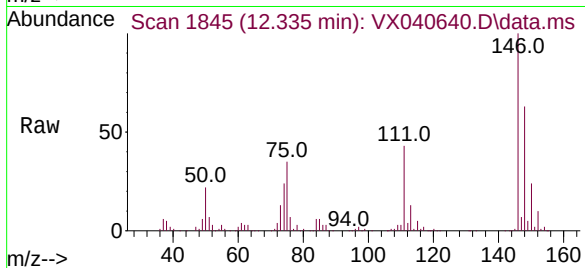
Tgt Ion:146 Resp: 108668

Ion Ratio Lower Upper

146 100

111 43.0 35.8 53.8

148 63.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 51.111 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

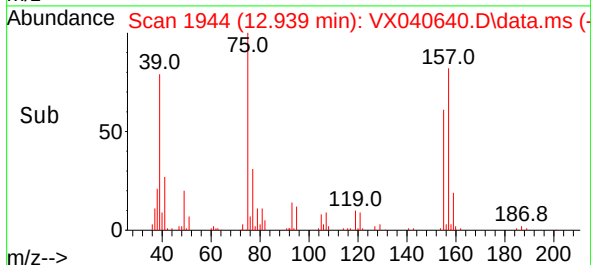
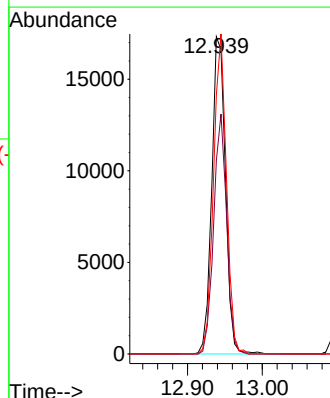
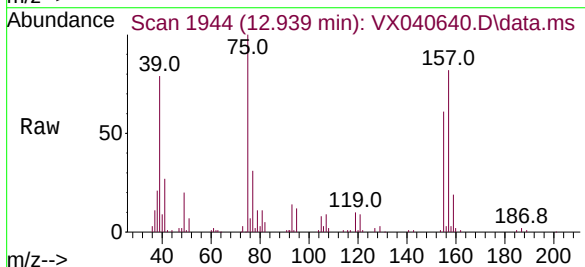
Tgt Ion: 75 Resp: 22077

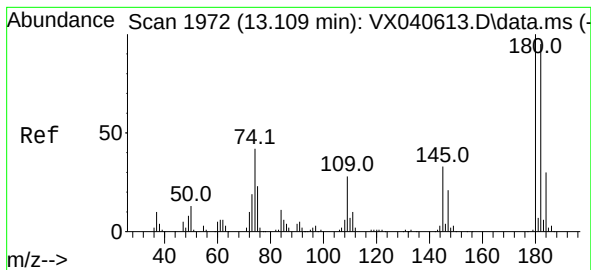
Ion Ratio Lower Upper

75 100

155 61.0 53.9 80.9

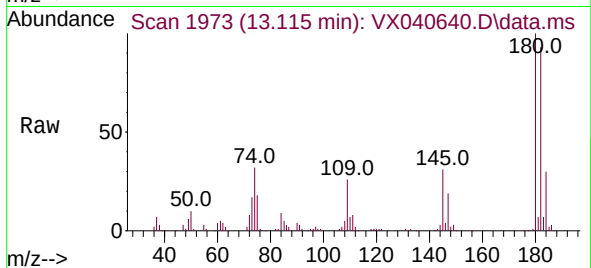
157 81.6 64.5 96.7



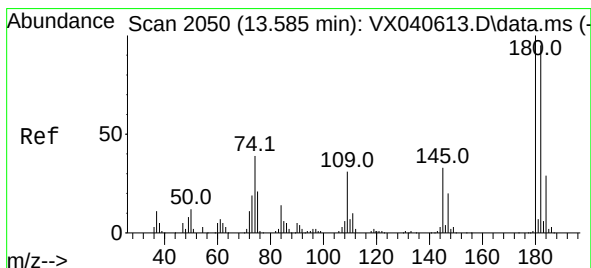
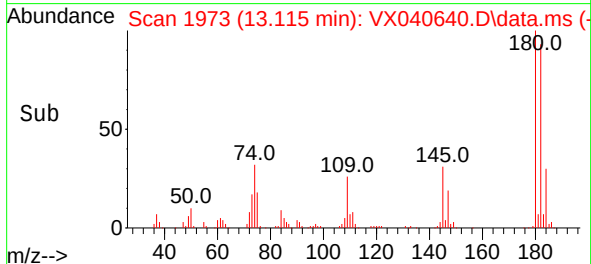
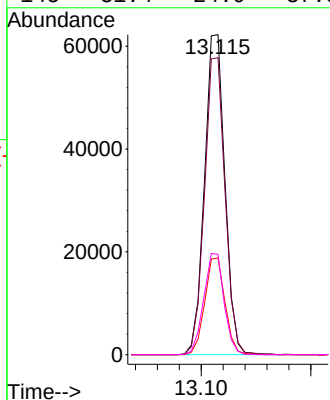


#69
1,3,5-Trichlorobenzene
Concen: 55.161 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Instrument :
MSVOA_X
ClientSampleId :

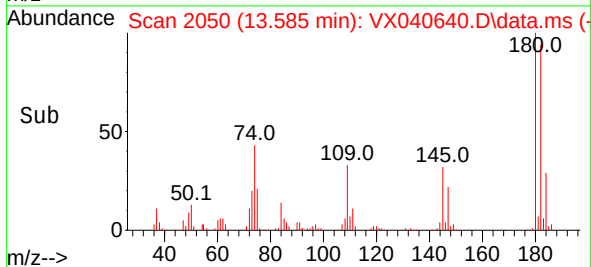
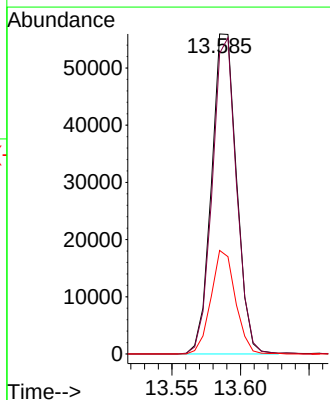
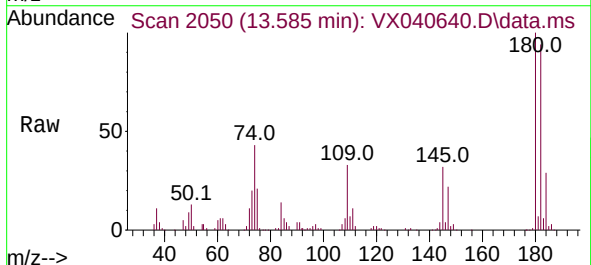


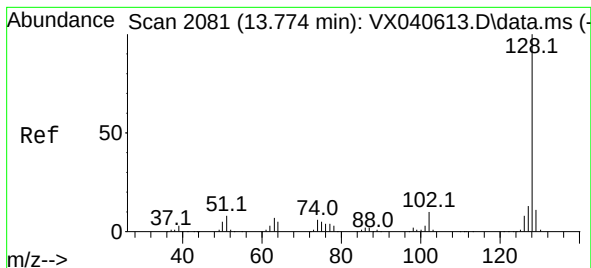
Tgt Ion:180 Resp: 80584
Ion Ratio Lower Upper
180 100
182 93.1 76.6 115.0
184 29.9 24.3 36.5
145 31.4 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 52.471 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040640.D
Acq: 15 Mar 2024 09:39

Tgt Ion:180 Resp: 71086
Ion Ratio Lower Upper
180 100
182 95.7 75.1 112.7
145 31.6 26.2 39.4





#71

Naphthalene

Concen: 52.821 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Instrument :

MSVOA_X

ClientSampleId :

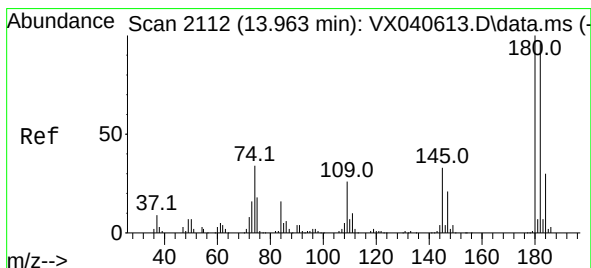
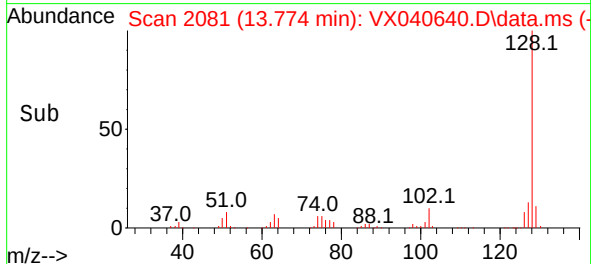
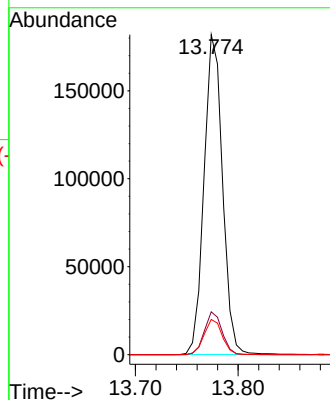
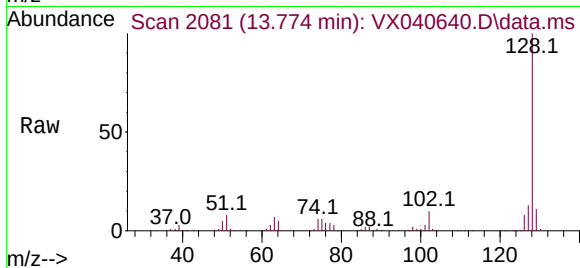
Tgt Ion:128 Resp: 227455

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 53.246 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040640.D

Acq: 15 Mar 2024 09:39

Tgt Ion:180 Resp: 71060

Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

145 33.9 27.8 41.8

