

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
 Data File : VX040689.D
 Acq On : 18 Mar 2024 11:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 01:19:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	156486	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	147622	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	70057	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68048	49.607	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.220%
7) Chloroethane-d5	1.666	69	53333	48.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.306	65	29882	47.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.640%
21) 2-Butanone-d5	4.446	46	94800	90.060	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.060%
24) Chloroform-d	5.050	84	126278	49.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.140%
26) 1,2-Dichloroethane-d4	5.952	65	90063	47.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	5.970	84	228756	50.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.020%
36) 1,2-Dichloropropane-d6	7.299	67	70097	49.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	8.647	98	215416	49.355	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	8.945	79	36925	49.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.860%
47) 2-Hexanone-d5	9.378	63	70548	91.088	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.090%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	92409	43.971	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.940%
66) 1,2-Dichlorobenzene-d4	12.317	152	71994	49.065	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67627	48.418	ug/L	100
3) Chloromethane	1.294	50	58350	48.057	ug/L	100
5) Vinyl chloride	1.374	62	63720	48.509	ug/L	99
6) Bromomethane	1.605	94	42058	60.309	ug/L	93
8) Chloroethane	1.685	64	36195	48.056	ug/L	90
9) Trichlorofluoromethane	1.886	101	87096	47.652	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	53246	49.114	ug/L	99
12) 1,1-Dichloroethene	2.319	96	44930	47.104	ug/L	95
13) Acetone	2.373	43	77298	102.832	ug/L	100
14) Carbon disulfide	2.514	76	129079	46.767	ug/L	96
15) Methyl Acetate	2.697	43	58260	45.910	ug/L	100
16) Methylene chloride	2.788	84	50674	48.241	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	47476	48.482	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	166864	49.272	ug/L	100
19) 1,1-Dichloroethane	3.605	63	93986	49.397	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	54159	49.324	ug/L	96
22) 2-Butanone	4.544	43	91899	92.328	ug/L	97
23) Bromochloromethane	4.897	128	27096	48.383	ug/L	98
25) Chloroform	5.092	83	105465	49.119	ug/L	97

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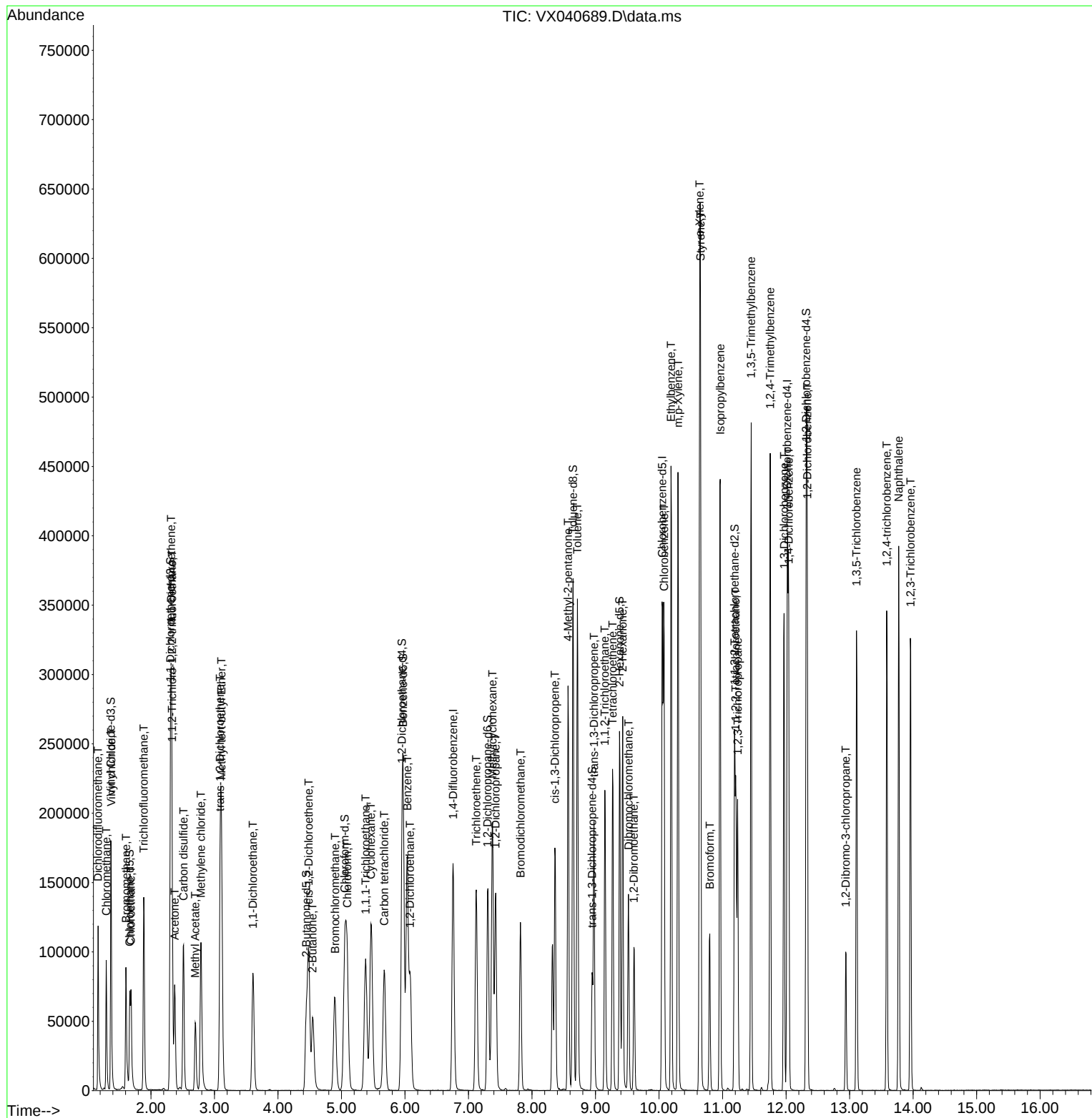
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	89682	47.529	ug/L	98
29) Cyclohexane	5.464	56	80633	49.709	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	91306	49.661	ug/L	100
31) Carbon tetrachloride	5.672	117	77646	50.320	ug/L	98
33) Benzene	6.037	78	198193	49.978	ug/L	100
34) Trichloroethene	7.123	95	57365	49.001	ug/L	98
35) Methylcyclohexane	7.379	83	85906	50.214	ug/L	99
37) 1,2-Dichloropropane	7.427	63	53029	50.510	ug/L	99
38) Bromodichloromethane	7.818	83	77866	50.146	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	88390	50.007	ug/L	94
40) 4-Methyl-2-pentanone	8.567	43	171706	95.402	ug/L	99
42) Toluene	8.714	91	218478	50.219	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	86538	50.265	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	53370	49.245	ug/L	97
46) Tetrachloroethene	9.269	164	40561	48.255	ug/L	96
48) 2-Hexanone	9.427	43	140361	94.114	ug/L	98
49) Dibromochloromethane	9.519	129	56890	50.239	ug/L	99
50) 1,2-Dibromoethane	9.604	107	58226	49.959	ug/L	97
51) Chlorobenzene	10.079	112	141124	50.069	ug/L	99
52) Ethylbenzene	10.189	91	251593	49.211	ug/L	99
53) m,p-Xylene	10.299	106	94428	50.806	ug/L	93
54) o-Xylene	10.640	106	90150	50.529	ug/L	99
55) Styrene	10.652	104	159562	51.324	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	78425	43.903	ug/L	98
59) Bromoform	10.799	173	38768	47.711	ug/L	99
60) Isopropylbenzene	10.963	105	229105	48.710	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	63590	45.550	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	194573	49.895	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	192477	49.360	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	102530	49.792	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	105307	50.288	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	98262	50.183	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	20577	50.349	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	73339	53.058	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	72475	56.540	ug/L	98
71) Naphthalene	13.774	128	226576	55.612	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	70735	56.019	ug/L	99

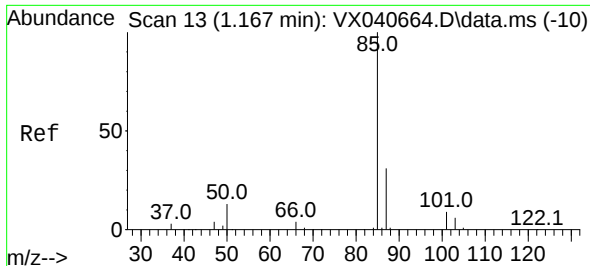
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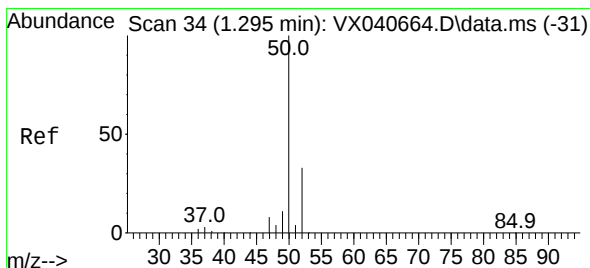
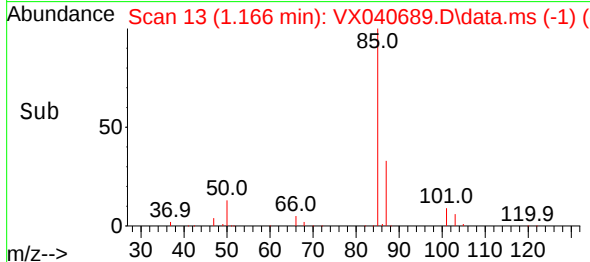
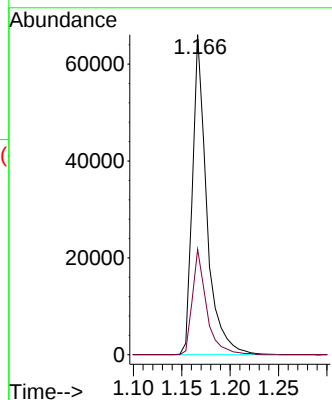
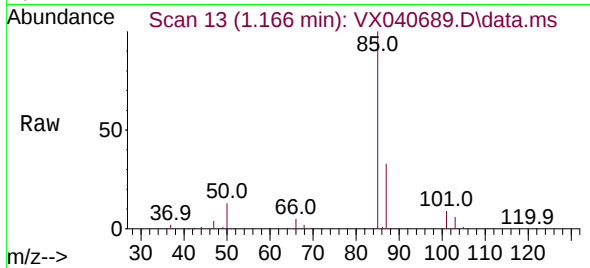




#2
Dichlorodifluoromethane
Concen: 48.418 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

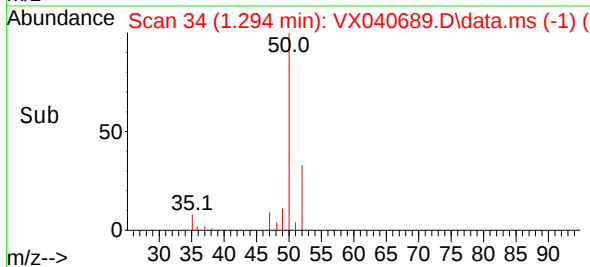
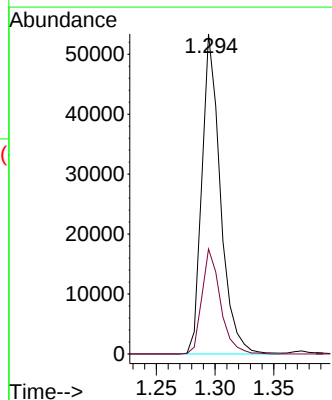
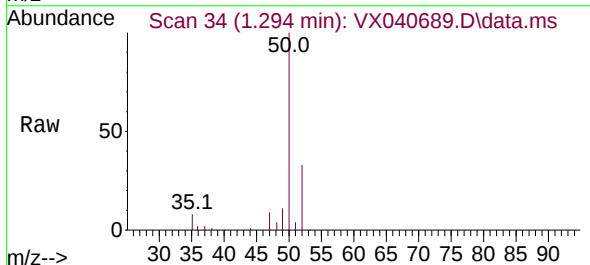
Instrument :
MSVOA_X
ClientSampleId :

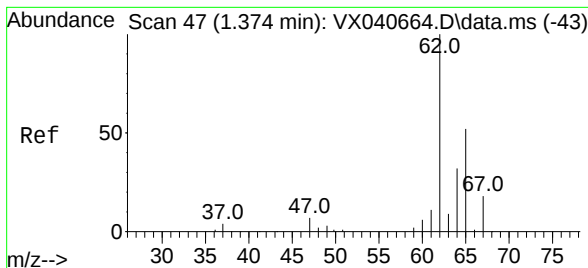
Tgt Ion: 85 Resp: 67627
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1



#3
Chloromethane
Concen: 48.057 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion: 50 Resp: 58350
Ion Ratio Lower Upper
50 100
52 32.8 23.1 42.9





#5

Vinyl chloride

Concen: 48.509 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

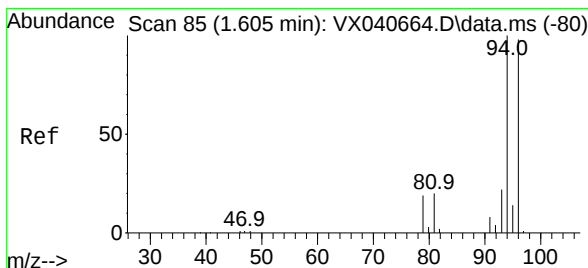
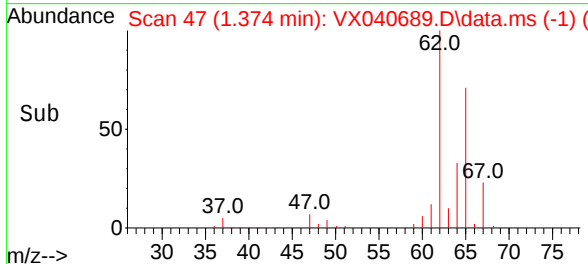
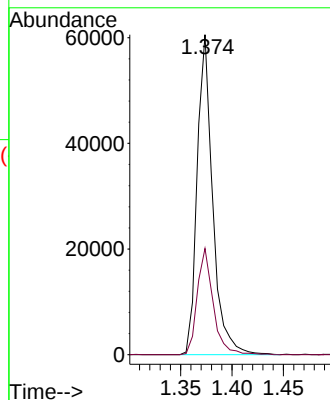
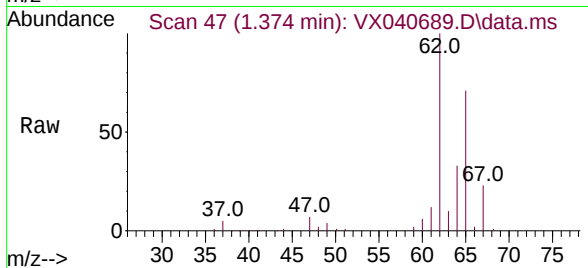
ClientSampleId :

Tgt Ion: 62 Resp: 63720

Ion Ratio Lower Upper

62 100

64 33.2 23.8 44.2



#6

Bromomethane

Concen: 60.309 ug/L

RT: 1.605 min Scan# 85

Delta R.T. -0.000 min

Lab File: VX040689.D

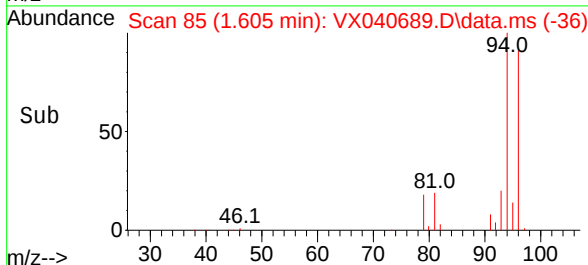
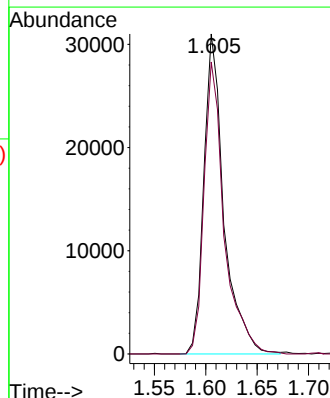
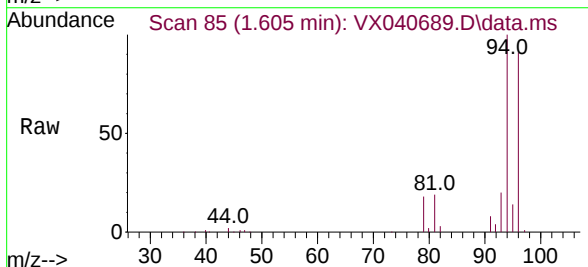
Acq: 18 Mar 2024 11:11

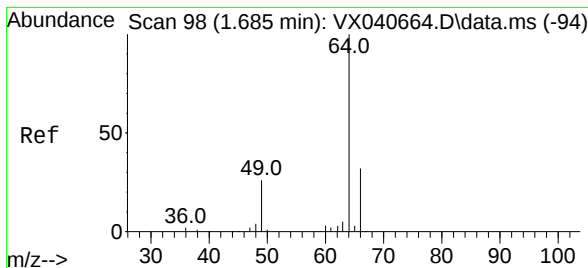
Tgt Ion: 94 Resp: 42058

Ion Ratio Lower Upper

94 100

96 91.3 69.0 128.2





#8

Chloroethane

Concen: 48.056 ug/L

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

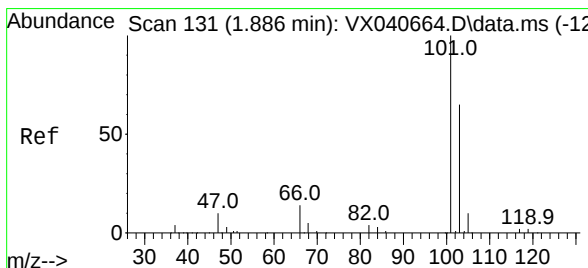
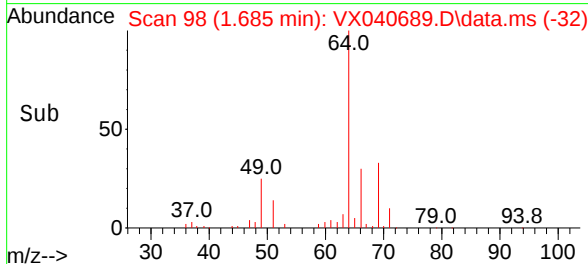
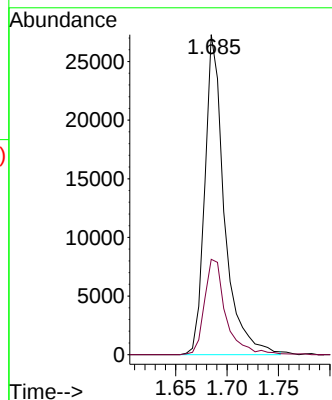
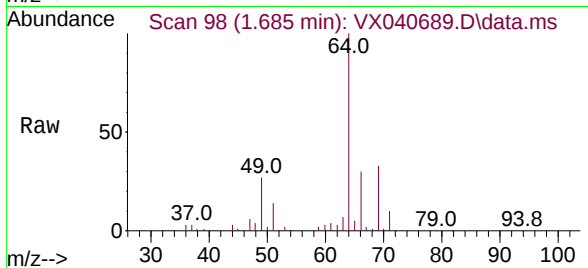
ClientSampleId :

Tgt Ion: 64 Resp: 36195

Ion Ratio Lower Upper

64 100

66 29.8 25.0 46.4



#9

Trichlorofluoromethane

Concen: 47.652 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.000 min

Lab File: VX040689.D

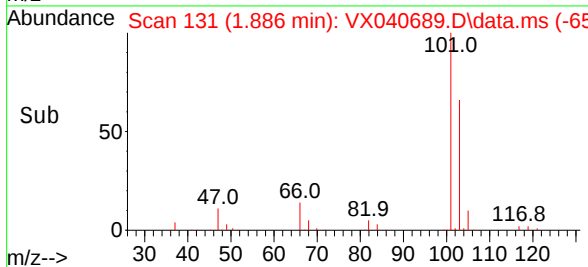
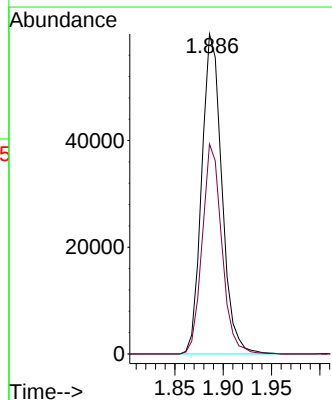
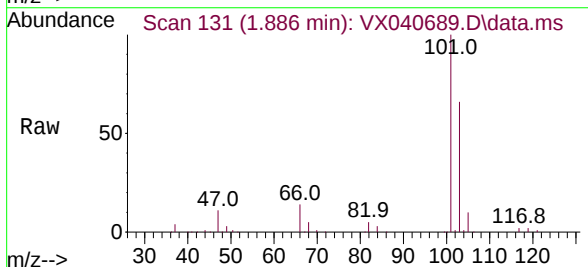
Acq: 18 Mar 2024 11:11

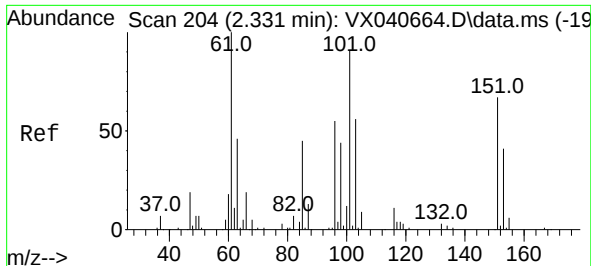
Tgt Ion:101 Resp: 87096

Ion Ratio Lower Upper

101 100

103 63.9 51.7 77.5

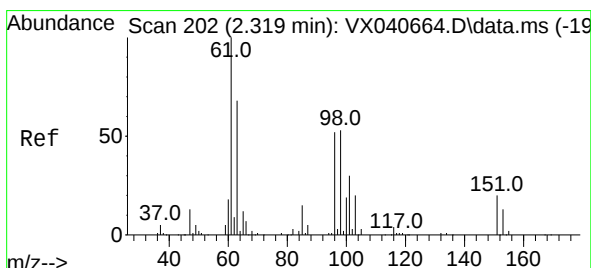
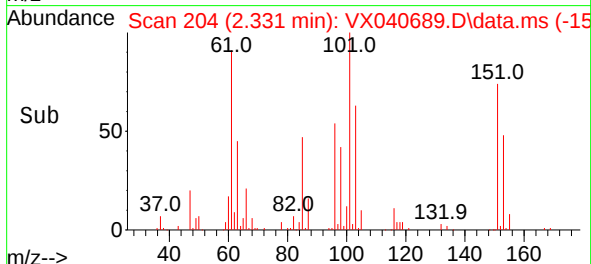
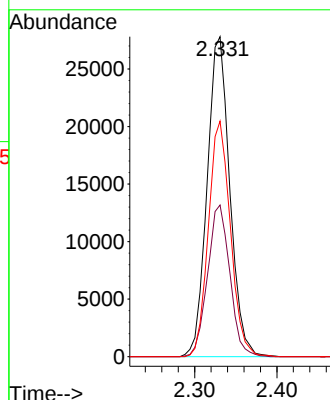
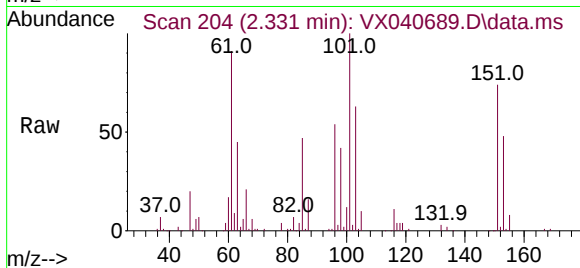




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.114 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

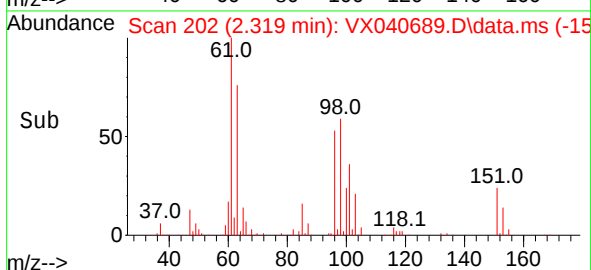
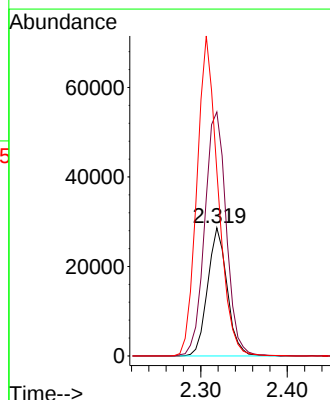
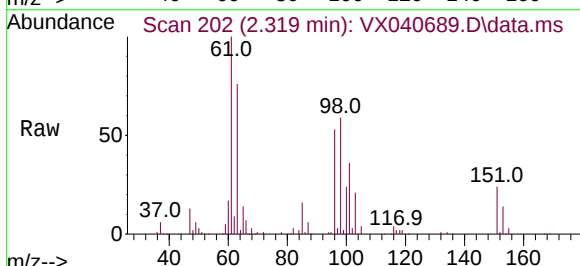
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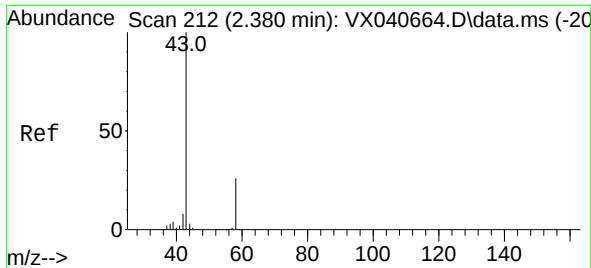
Tgt Ion:101 Resp: 53246
Ion Ratio Lower Upper
101 100
85 46.5 38.3 57.5
151 71.5 57.7 86.5



#12
1,1-Dichloroethene
Concen: 47.104 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion: 96 Resp: 44930
Ion Ratio Lower Upper
96 100
61 190.3 134.8 250.4
63 144.2 92.5 171.9

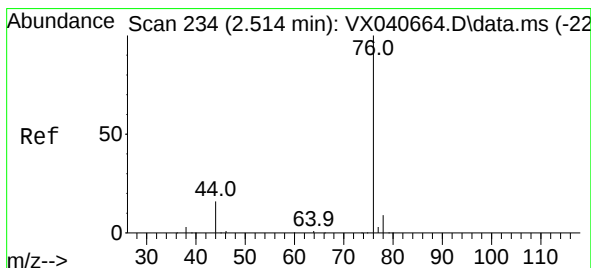
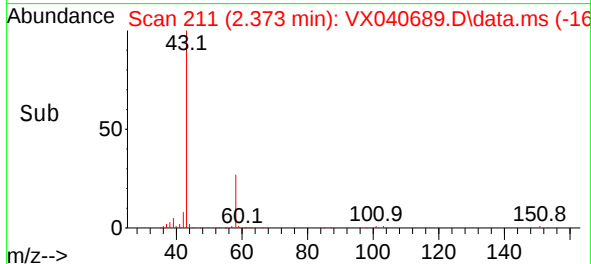
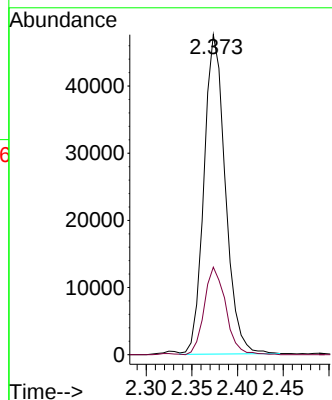
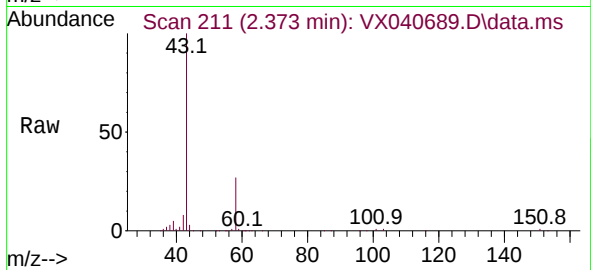




#13
Acetone
Concen: 102.832 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

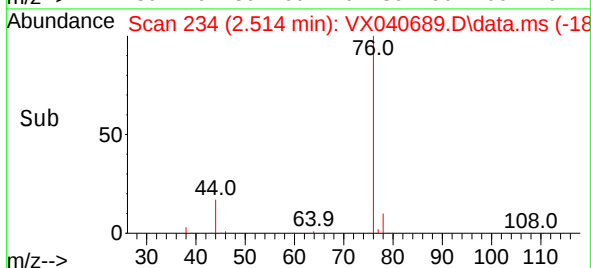
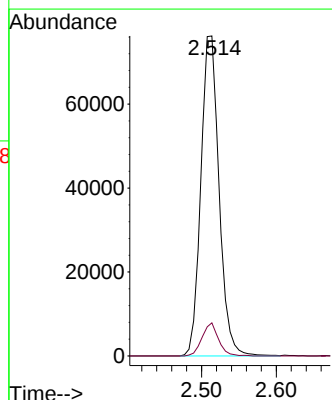
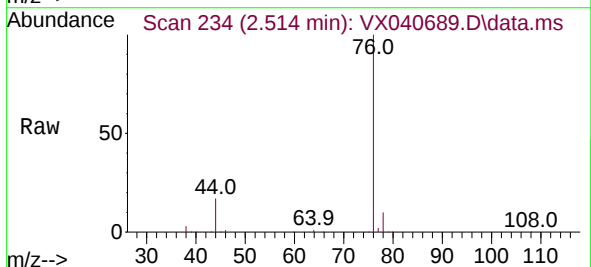
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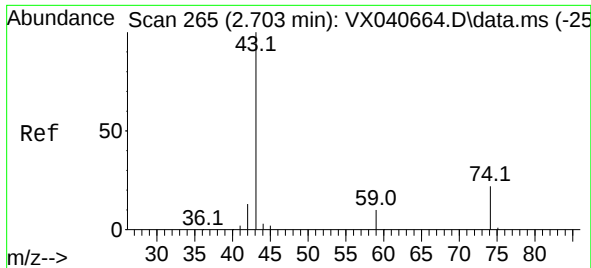
Tgt Ion: 43 Resp: 77298
Ion Ratio Lower Upper
43 100
58 27.5 0.0 54.6



#14
Carbon disulfide
Concen: 46.767 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX040689.D
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Tgt Ion: 76 Resp: 129079
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8

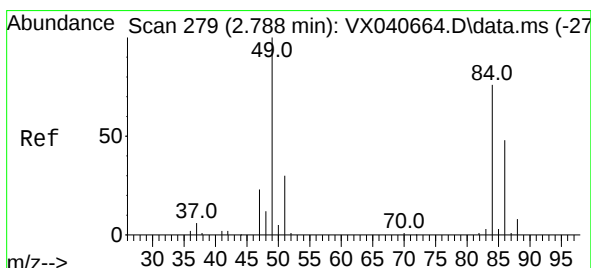
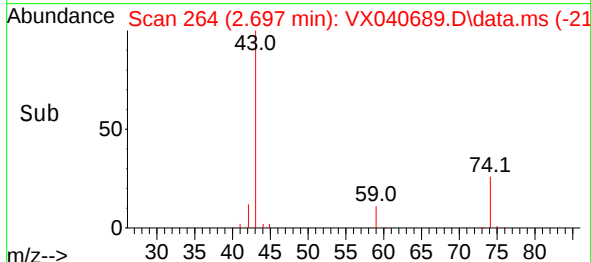
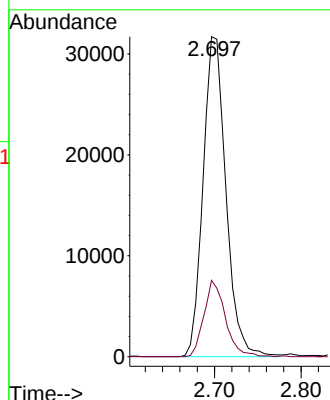
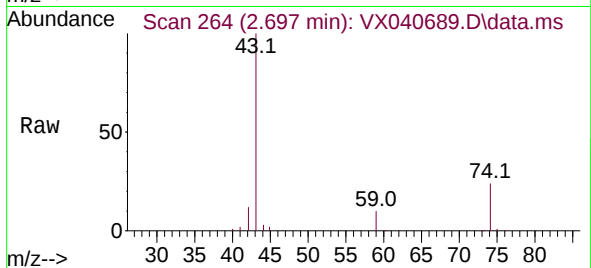




#15
Methyl Acetate
Concen: 45.910 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

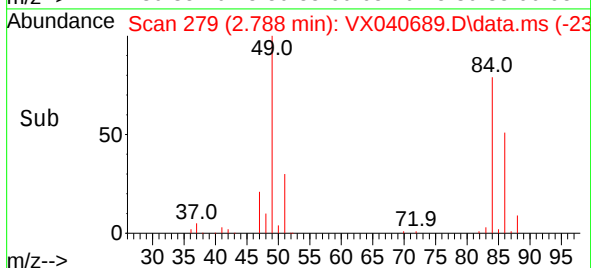
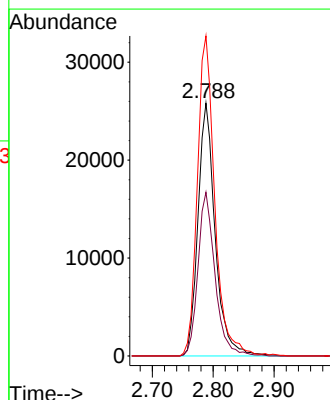
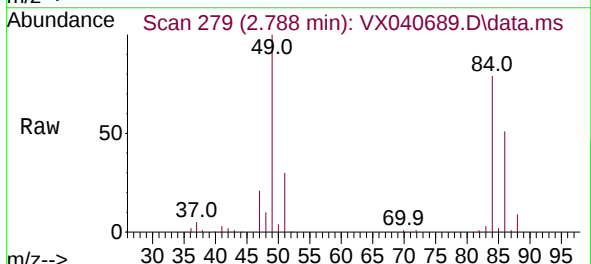
Instrument :
MSVOA_X
ClientSampleId :

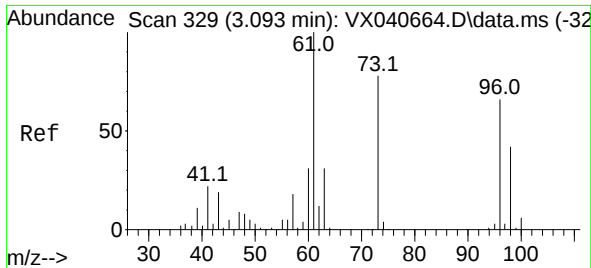
Tgt Ion: 43 Resp: 58260
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4



#16
Methylene chloride
Concen: 48.241 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion: 84 Resp: 50674
Ion Ratio Lower Upper
84 100
86 64.7 45.8 85.2
49 126.5 92.6 172.0

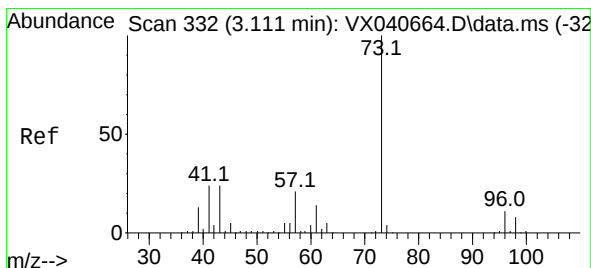
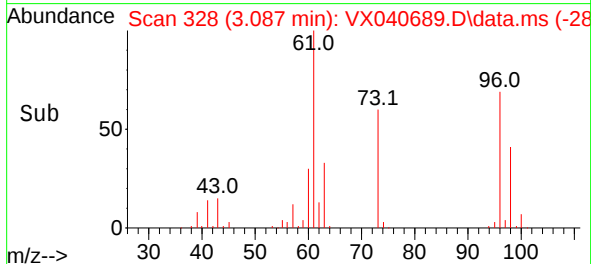
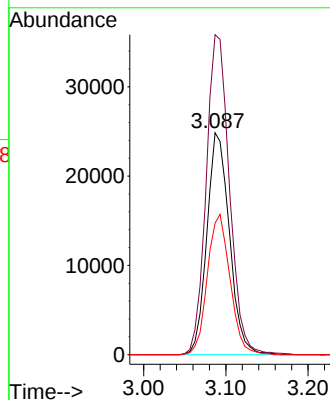
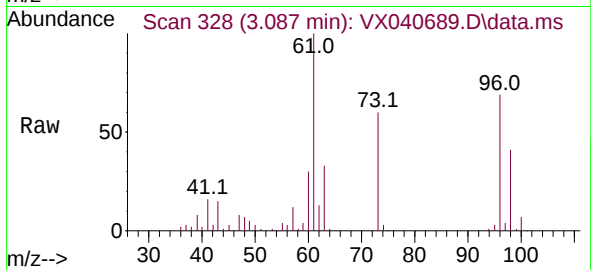




#17
trans-1,2-Dichloroethene
Concen: 48.482 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

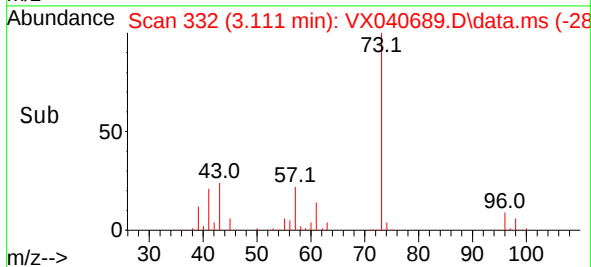
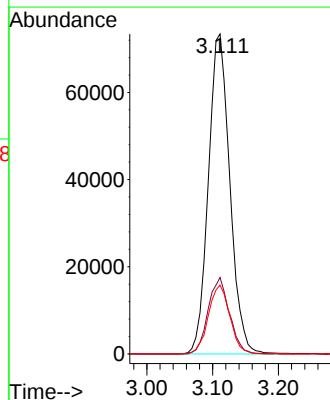
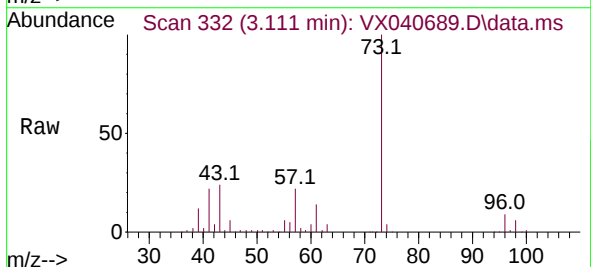
Instrument :
MSVOA_X
ClientSampleId :

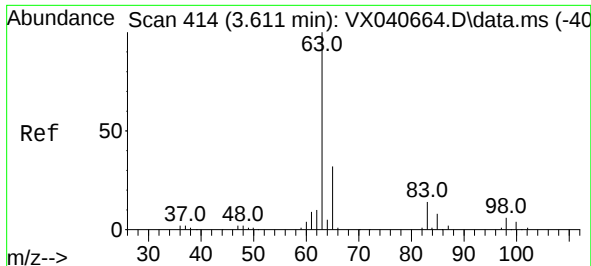
Tgt Ion: 96 Resp: 47476
Ion Ratio Lower Upper
96 100
61 144.1 106.6 198.0
98 59.2 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 49.272 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion: 73 Resp: 166864
Ion Ratio Lower Upper
73 100
43 23.8 19.3 28.9
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.397 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

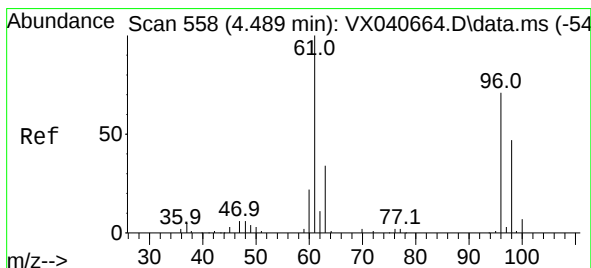
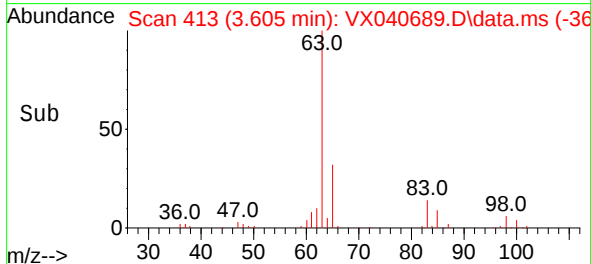
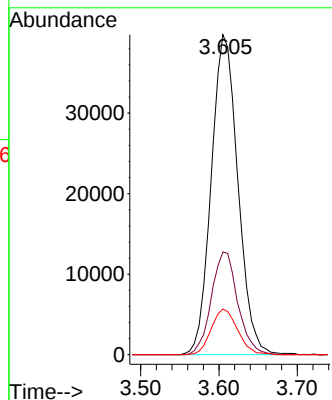
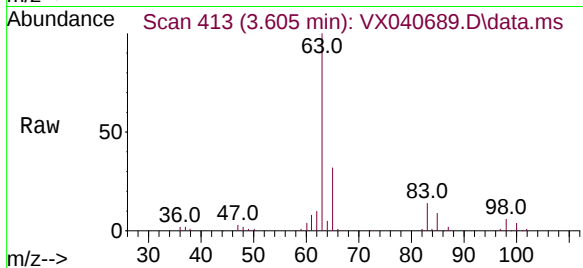
Tgt Ion: 63 Resp: 93986

Ion Ratio Lower Upper

63 100

65 32.1 23.1 42.9

83 14.2 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 49.324 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

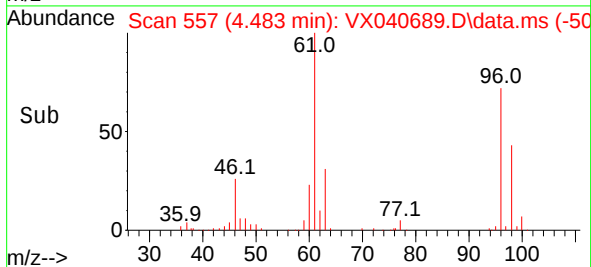
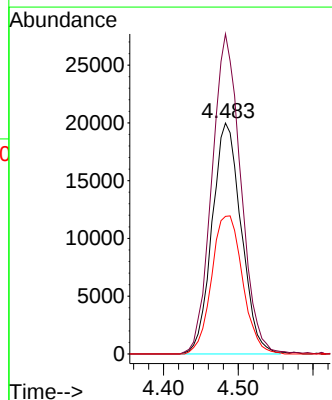
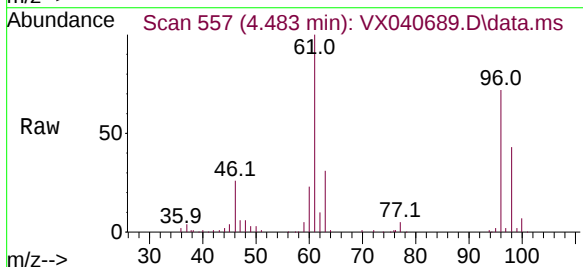
Tgt Ion: 96 Resp: 54159

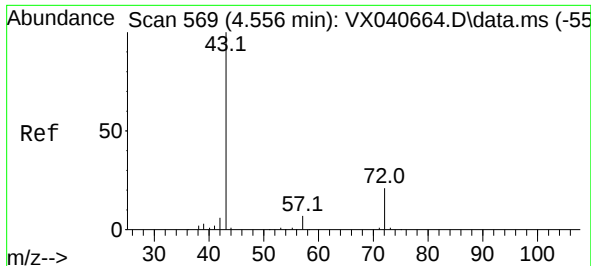
Ion Ratio Lower Upper

96 100

61 138.6 93.0 172.8

98 59.6 42.4 78.6





#22

2-Butanone

Concen: 92.328 ug/L

RT: 4.544 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

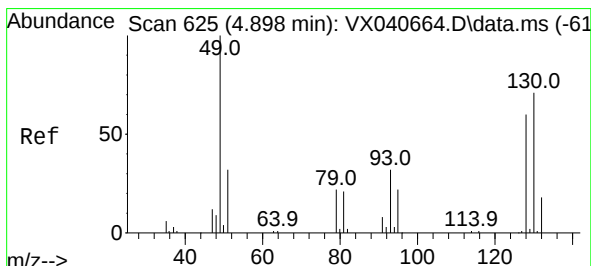
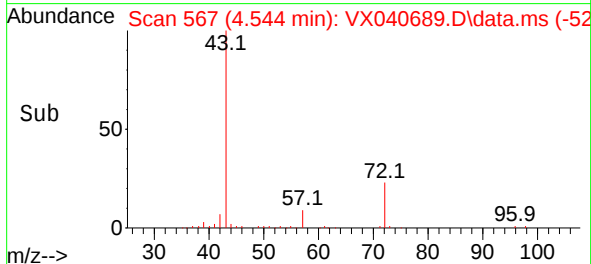
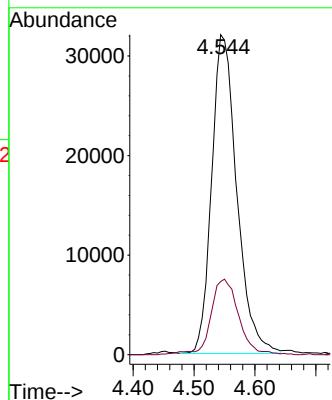
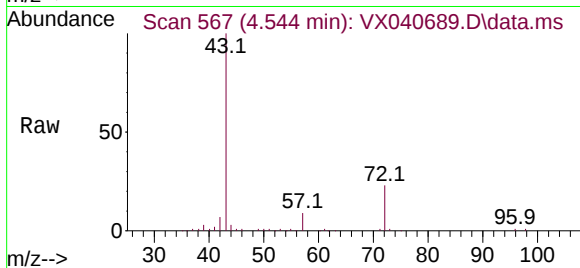
ClientSampleId :

Tgt Ion: 43 Resp: 91899

Ion Ratio Lower Upper

43 100

72 23.3 12.4 37.2



#23

Bromochloromethane

Concen: 48.383 ug/L

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Tgt Ion:128 Resp: 27096

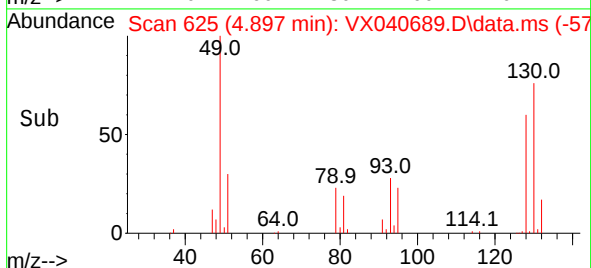
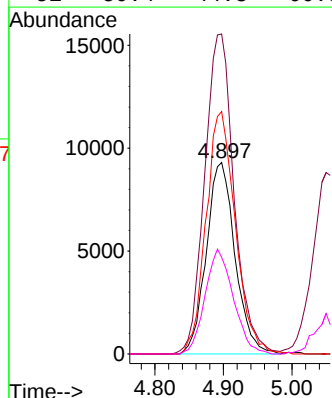
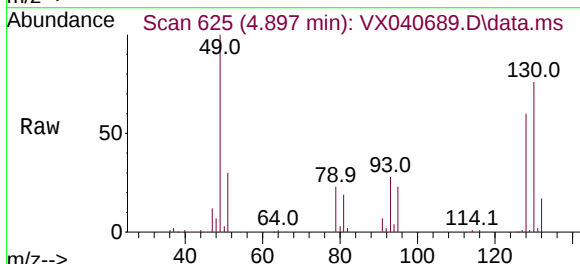
Ion Ratio Lower Upper

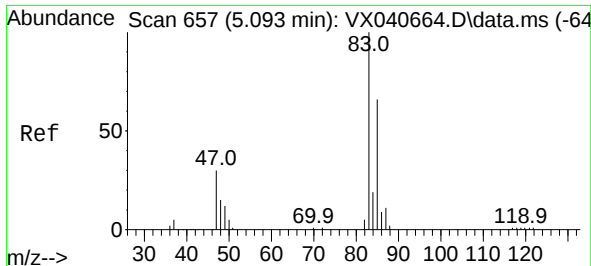
128 100

49 167.1 118.1 219.3

130 126.6 89.4 166.0

51 50.4 44.3 66.5





#25

Chloroform

Concen: 49.119 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

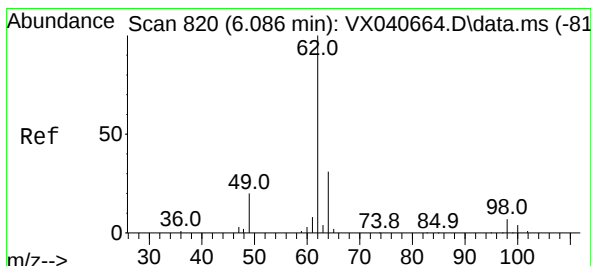
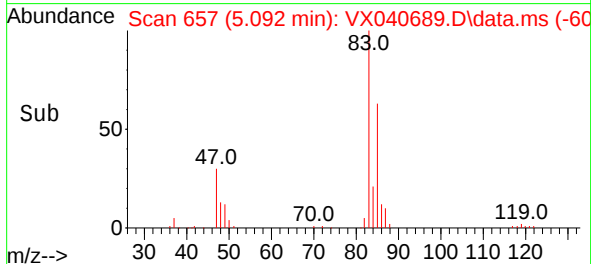
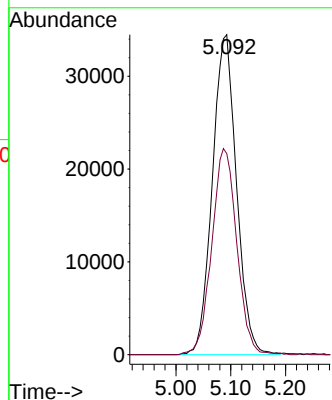
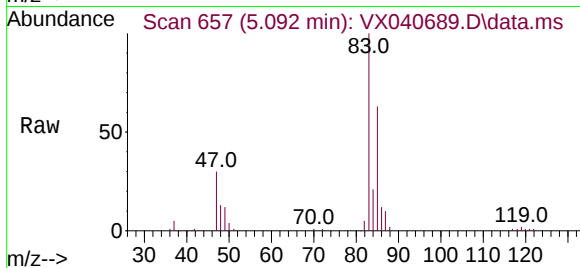
ClientSampleId :

Tgt Ion: 83 Resp: 105465

Ion Ratio Lower Upper

83 100

85 62.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 47.529 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX040689.D

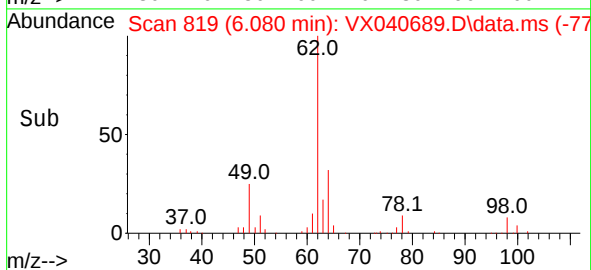
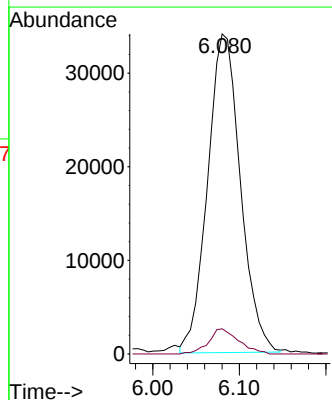
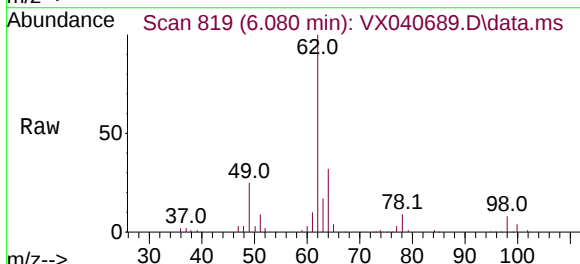
Acq: 18 Mar 2024 11:11

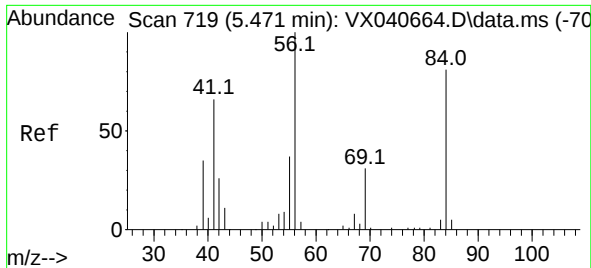
Tgt Ion: 62 Resp: 89682

Ion Ratio Lower Upper

62 100

98 7.9 5.8 8.6





#29

Cyclohexane

Concen: 49.709 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

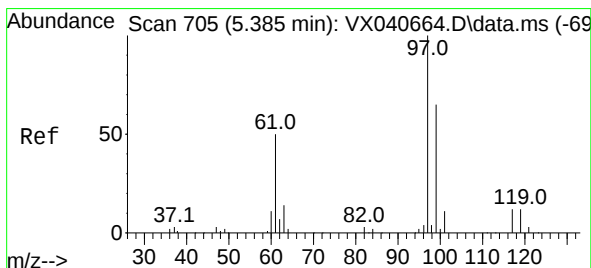
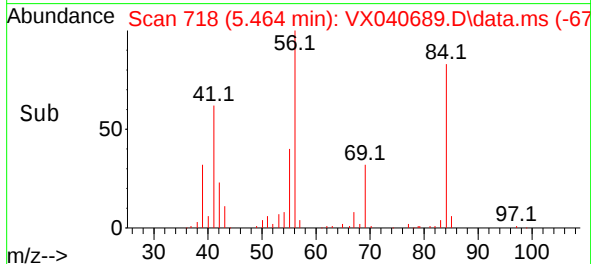
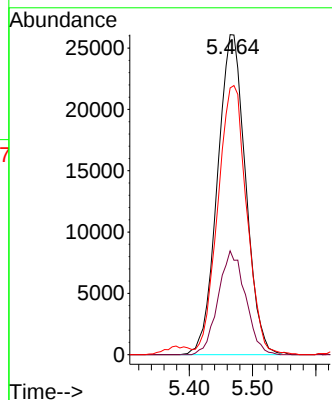
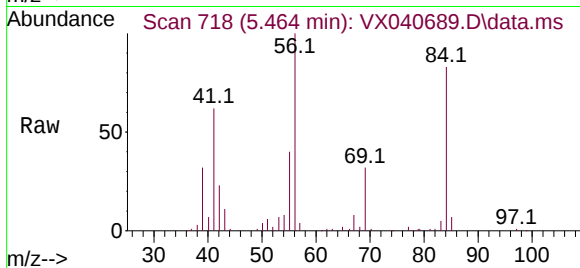
Tgt Ion: 56 Resp: 80633

Ion Ratio Lower Upper

56 100

69 31.4 25.0 37.4

84 86.4 70.6 105.8



#30

1,1,1-Trichloroethane

Concen: 49.661 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

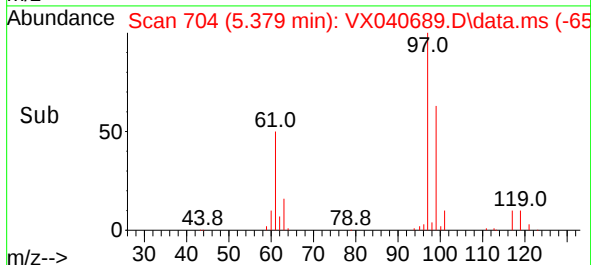
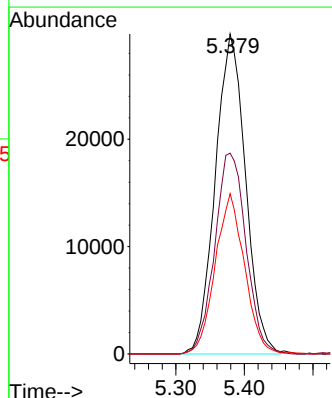
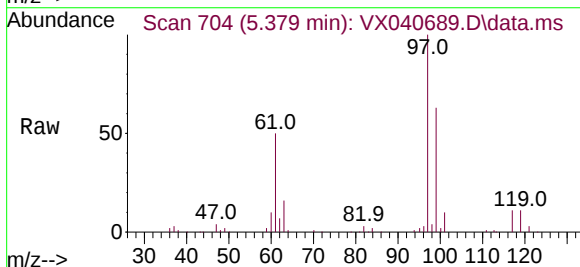
Tgt Ion: 97 Resp: 91306

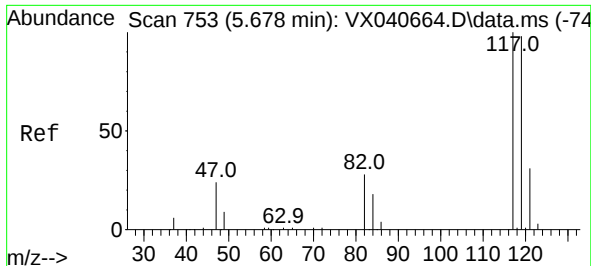
Ion Ratio Lower Upper

97 100

99 65.0 52.1 78.1

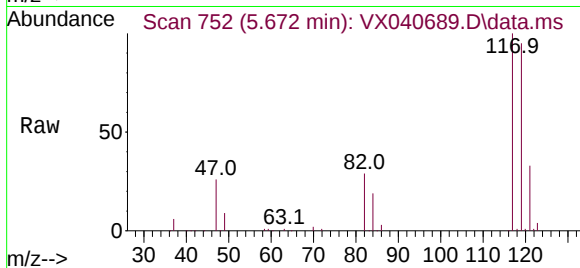
61 48.5 38.3 57.5



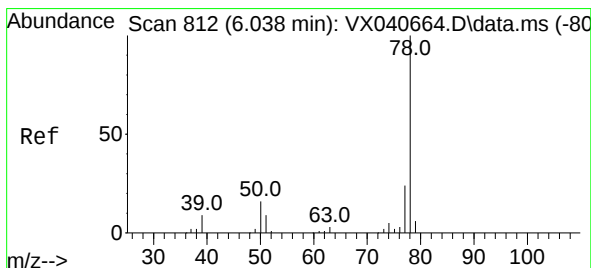
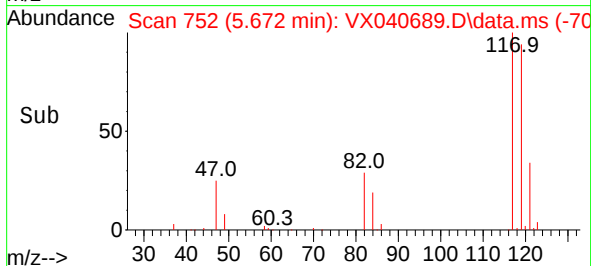
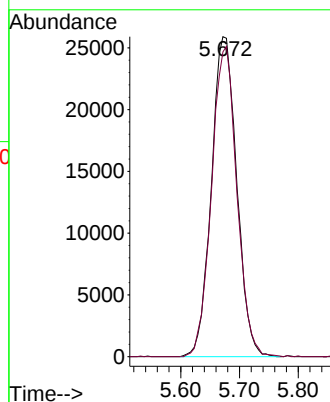


#31
Carbon tetrachloride
Concen: 50.320 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :

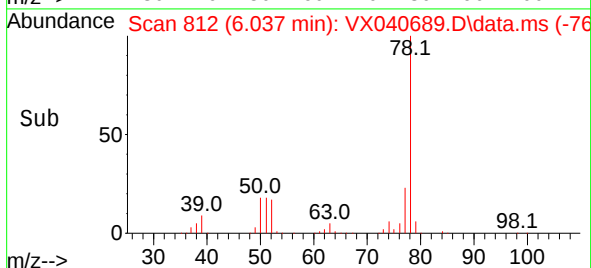
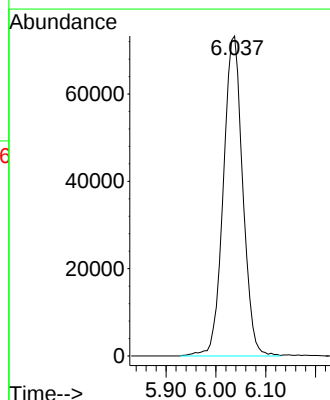
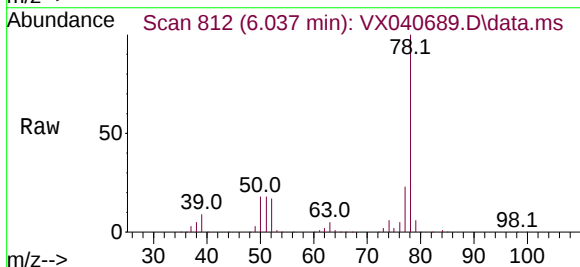


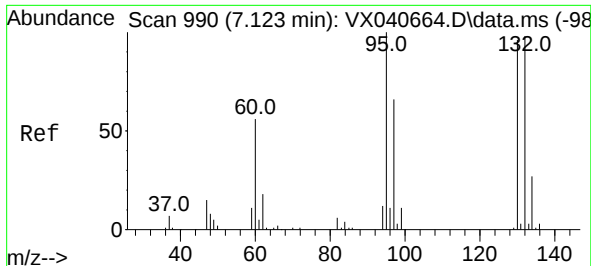
Tgt Ion:117 Resp: 77646
Ion Ratio Lower Upper
117 100
119 96.5 75.4 113.2



#33
Benzene
Concen: 49.978 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion: 78 Resp: 198193

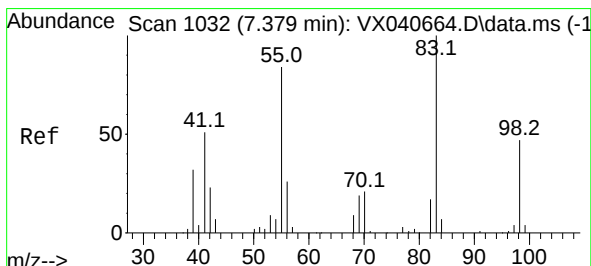
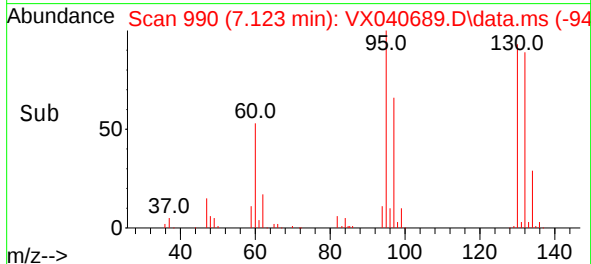
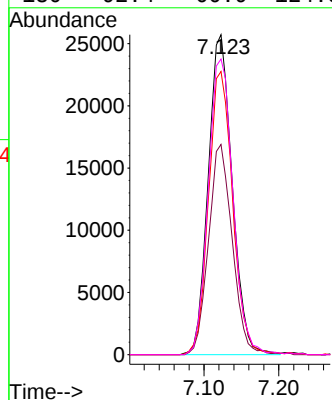
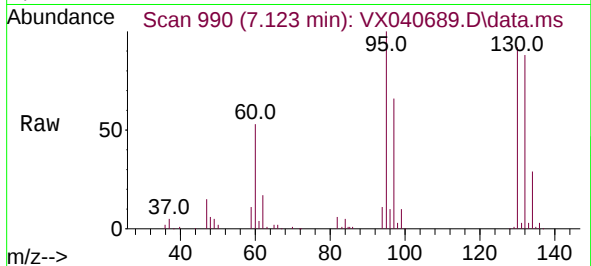




#34
Trichloroethene
Concen: 49.001 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

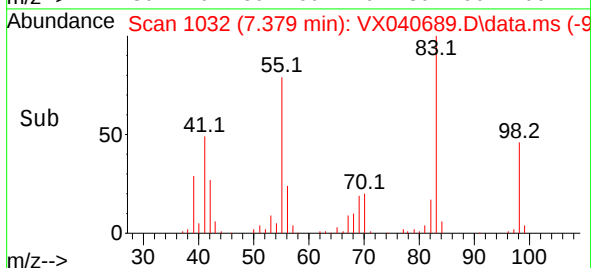
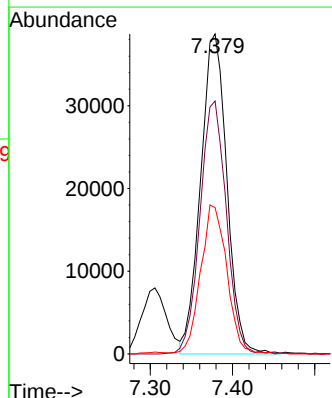
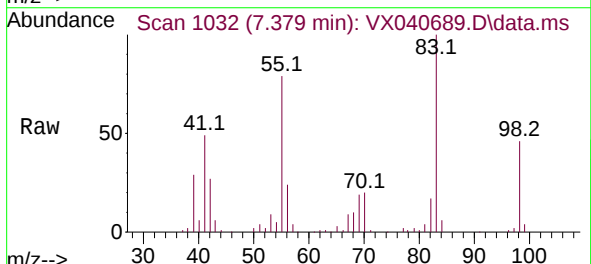
Instrument :
MSVOA_X
ClientSampleId :

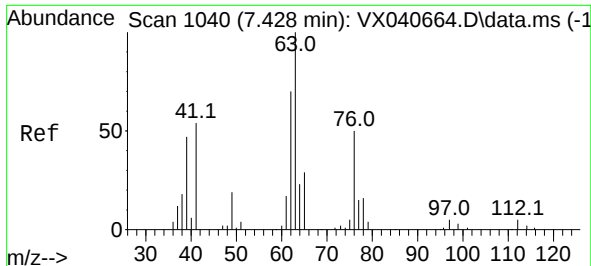
Tgt Ion: 95 Resp: 57365
Ion Ratio Lower Upper
95 100
97 65.7 44.7 83.1
132 88.5 61.5 114.3
130 92.4 66.9 124.3



#35
Methylcyclohexane
Concen: 50.214 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion: 83 Resp: 85906
Ion Ratio Lower Upper
83 100
55 79.0 62.6 94.0
98 46.5 37.4 56.2





#37

1,2-Dichloropropane

Concen: 50.510 ug/L

RT: 7.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

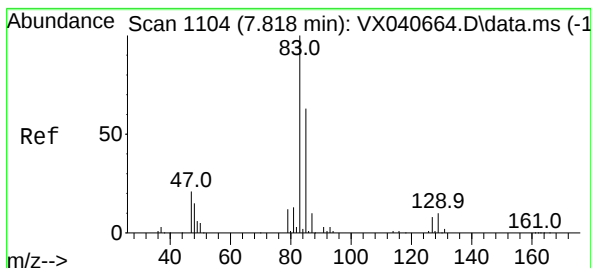
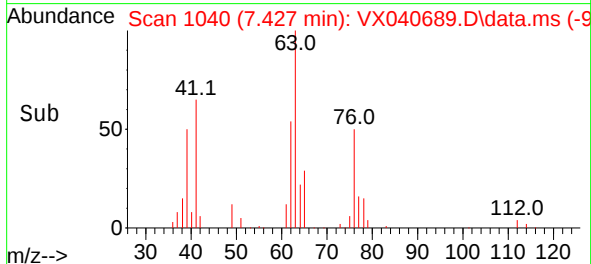
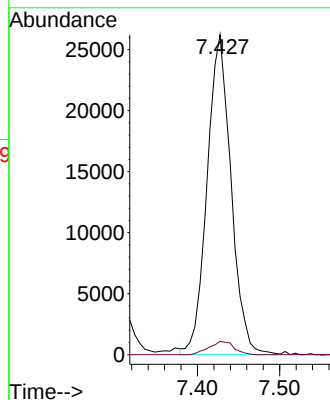
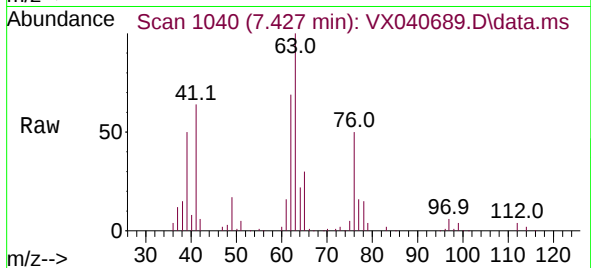
ClientSampleId :

Tgt Ion: 63 Resp: 53029

Ion Ratio Lower Upper

63 100

112 4.3 3.1 4.7



#38

Bromodichloromethane

Concen: 50.146 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

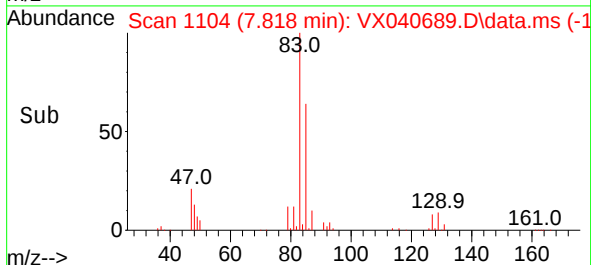
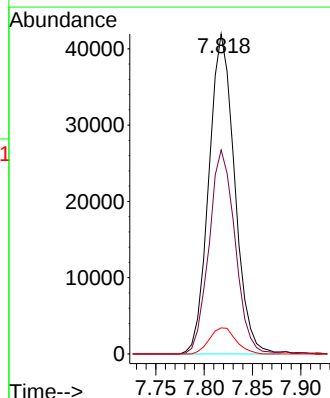
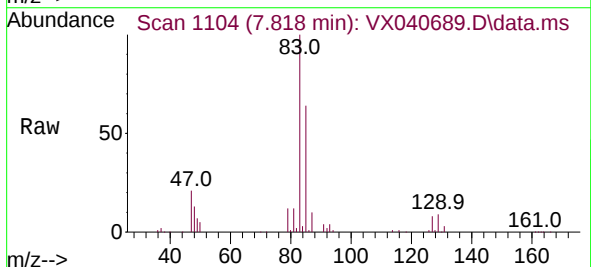
Tgt Ion: 83 Resp: 77866

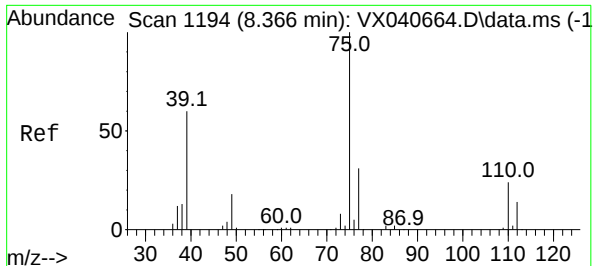
Ion Ratio Lower Upper

83 100

85 63.7 42.8 79.4

127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 50.007 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

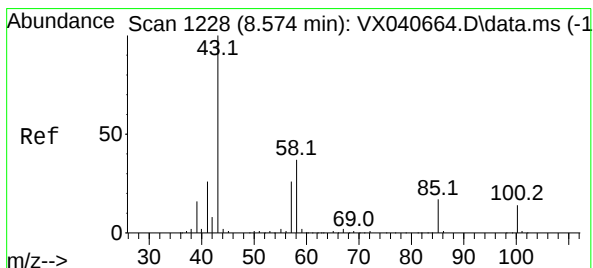
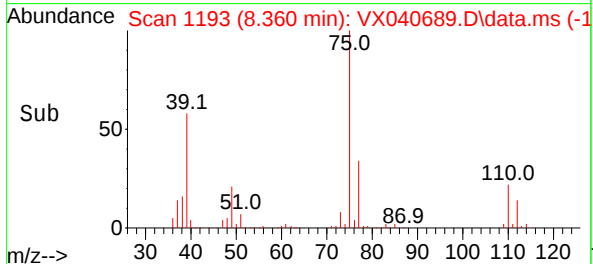
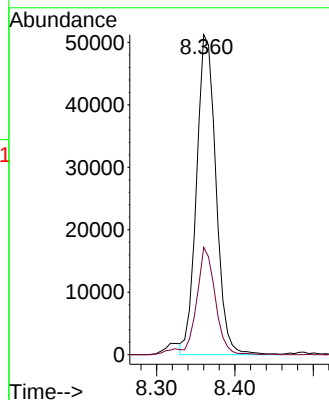
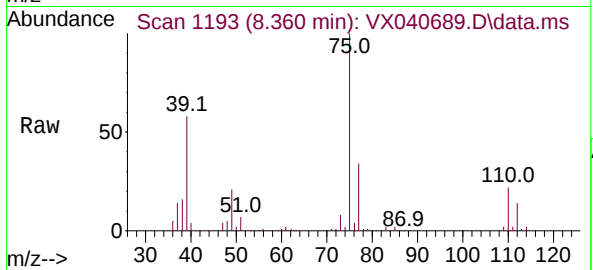
ClientSampleId :

Tgt Ion: 75 Resp: 88390

Ion Ratio Lower Upper

75 100

77 33.6 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 95.402 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

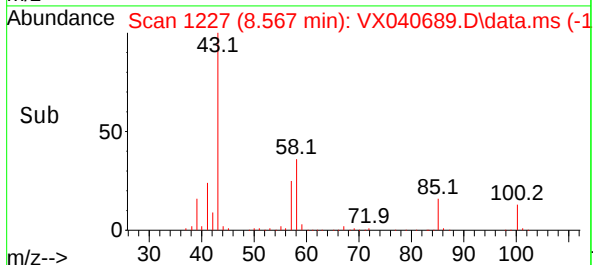
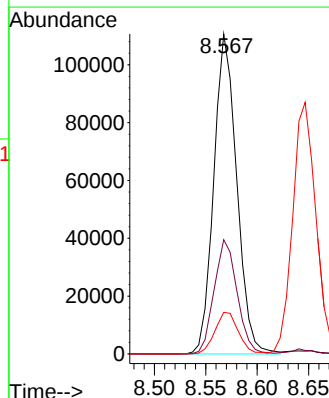
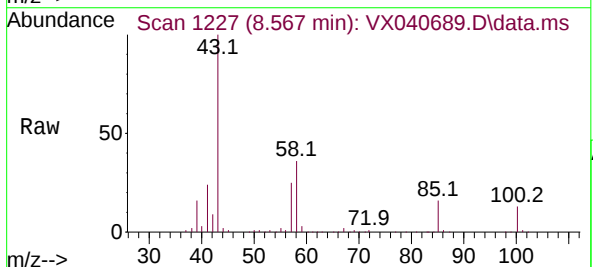
Tgt Ion: 43 Resp: 171706

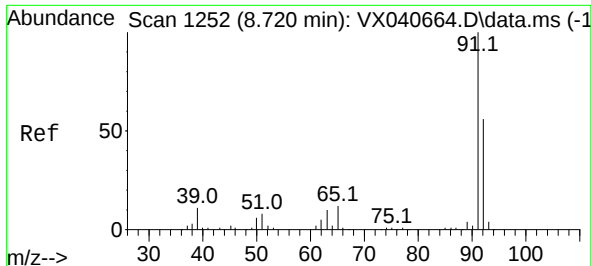
Ion Ratio Lower Upper

43 100

58 35.8 29.3 43.9

100 13.4 10.7 16.1





#42

Toluene

Concen: 50.219 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

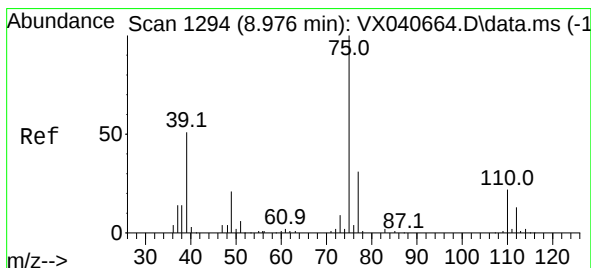
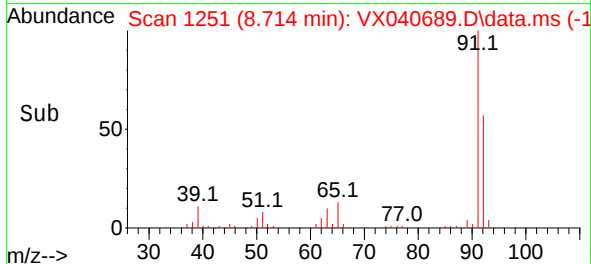
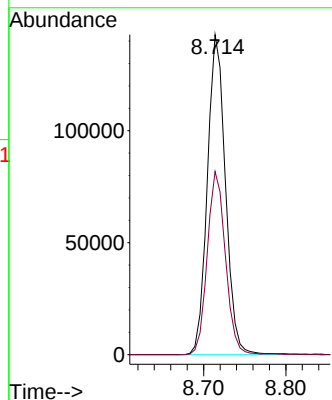
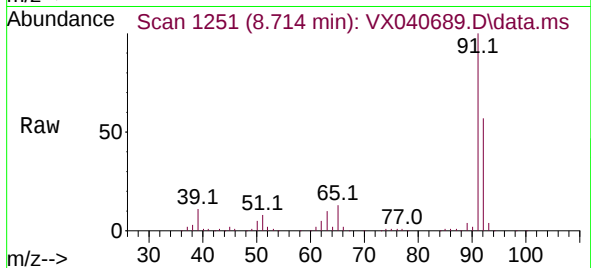
ClientSampleId :

Tgt Ion: 91 Resp: 218478

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 50.265 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX040689.D

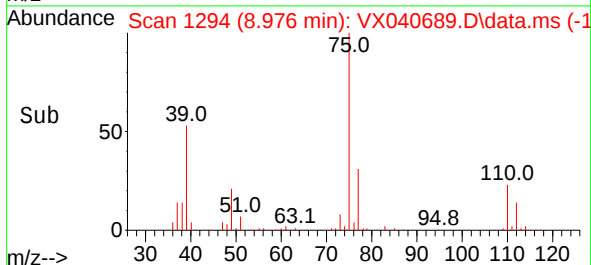
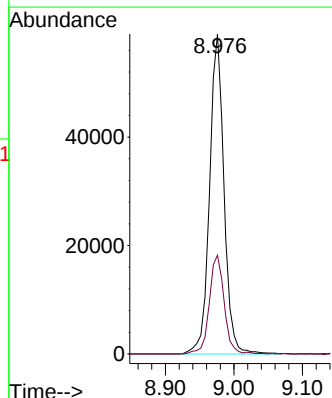
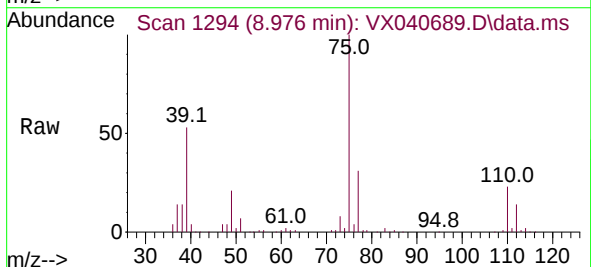
Acq: 18 Mar 2024 11:11

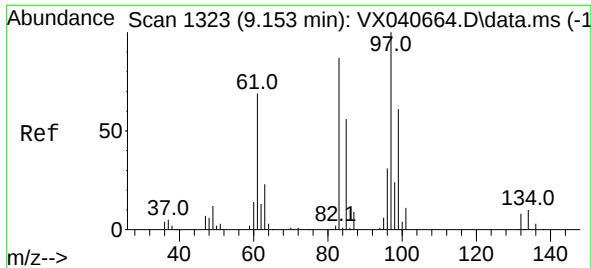
Tgt Ion: 75 Resp: 86538

Ion Ratio Lower Upper

75 100

77 30.9 22.1 41.1

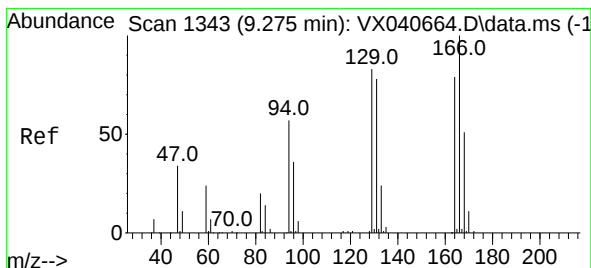
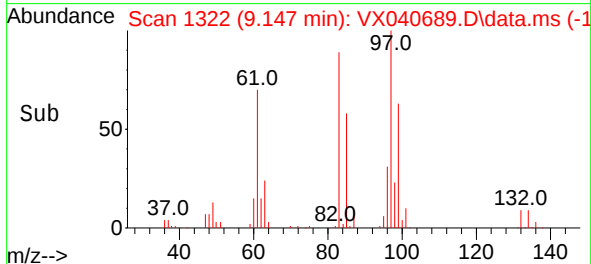
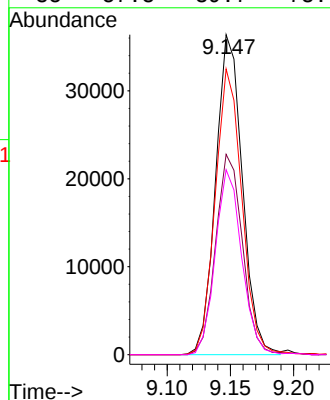
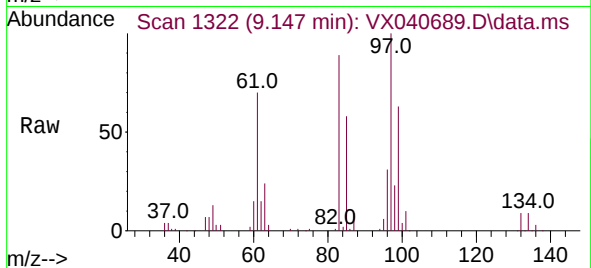




#45
1,1,2-Trichloroethane
Concen: 49.245 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

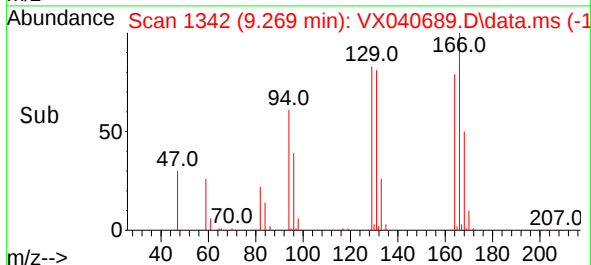
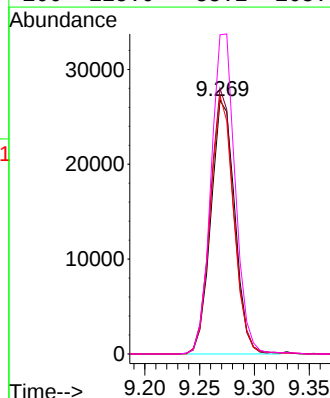
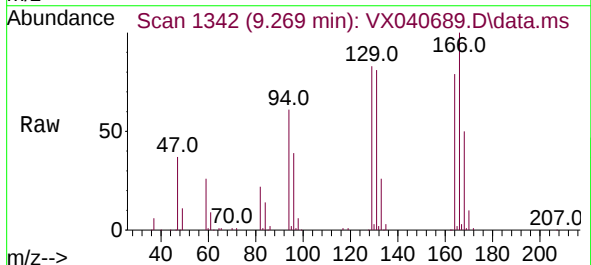
Instrument :
MSVOA_X
ClientSampleId :

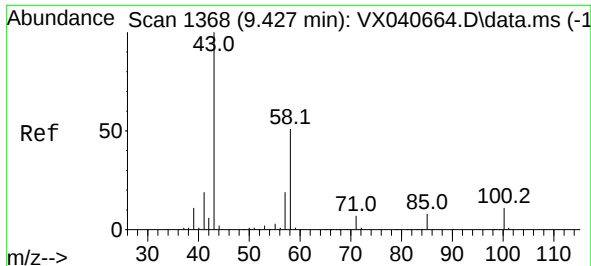
Tgt Ion:	97	Resp:	53370
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.6	79.0
83	89.3	59.2	110.0
85	57.8	39.7	73.7



#46
Tetrachloroethene
Concen: 48.255 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion:	164	Resp:	40561
Ion	Ratio	Lower	Upper
164	100		
129	104.7	67.8	126.0
131	101.7	67.8	126.0
166	125.9	88.2	163.8





#48

2-Hexanone

Concen: 94.114 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

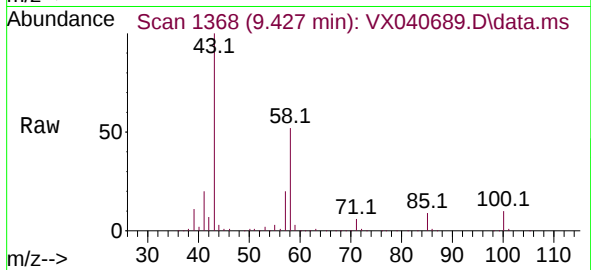
Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 140361

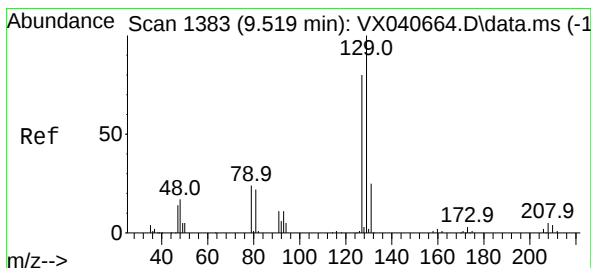
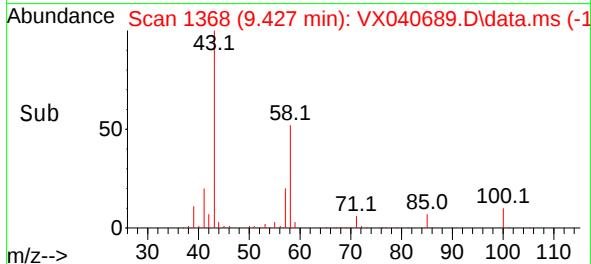
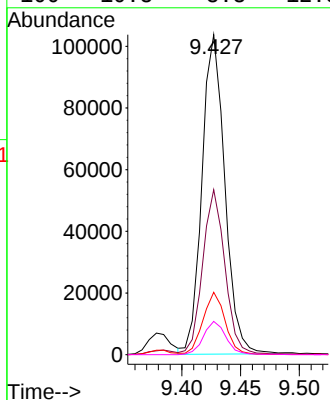
Ion Ratio Lower Upper

43 100

58 49.8 41.0 61.6

57 18.7 14.8 22.2

100 10.3 8.3 12.5



#49

Dibromochloromethane

Concen: 50.239 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040689.D

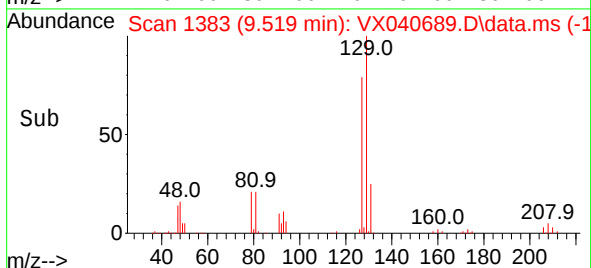
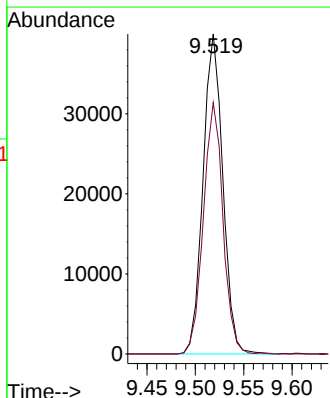
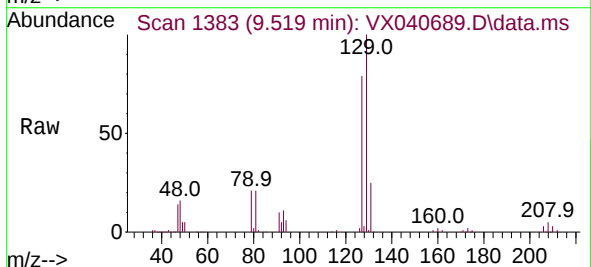
Acq: 18 Mar 2024 11:11

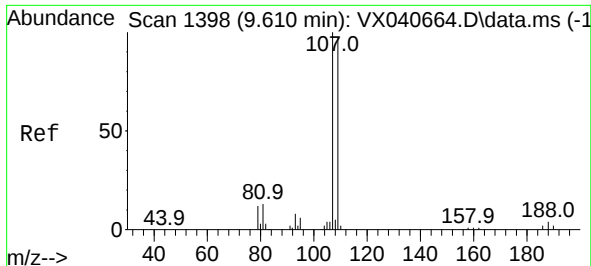
Tgt Ion:129 Resp: 56890

Ion Ratio Lower Upper

129 100

127 78.6 55.8 103.6

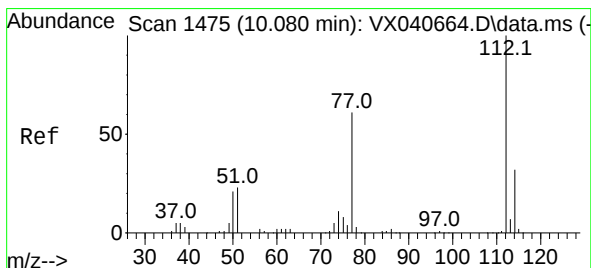
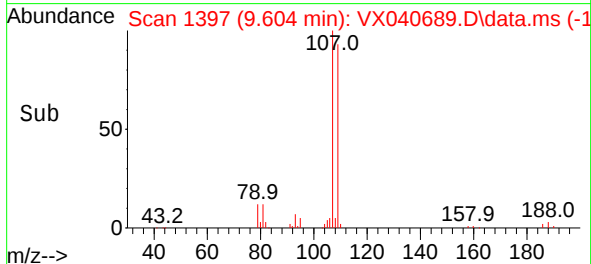
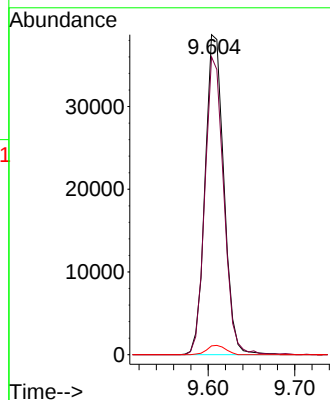
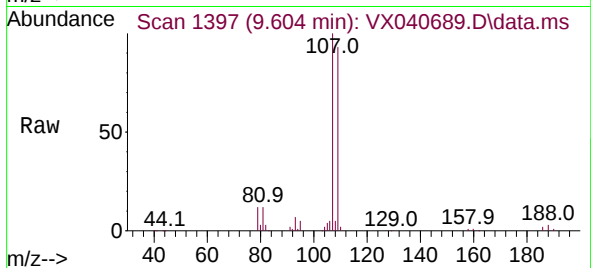




#50
1,2-Dibromoethane
Concen: 49.959 ug/L
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

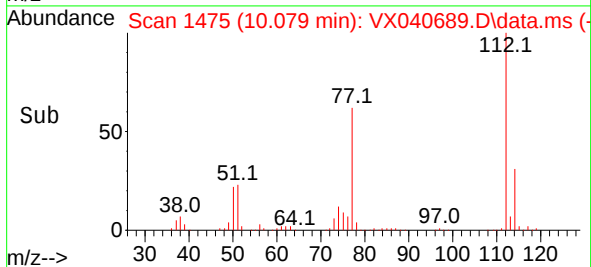
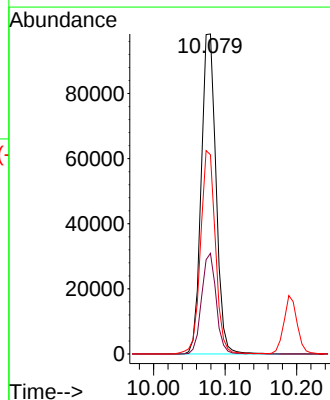
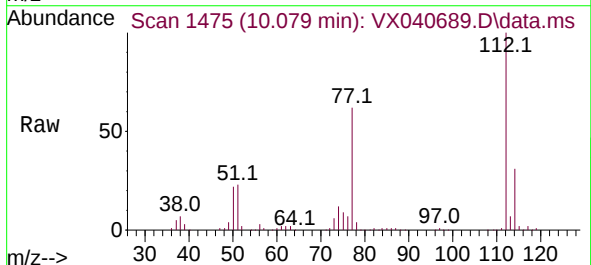
Instrument :
MSVOA_X
ClientSampleId :

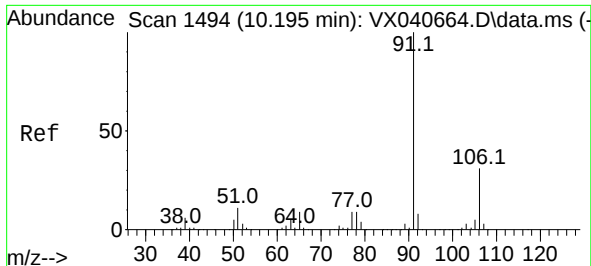
Tgt Ion:107 Resp: 58226
Ion Ratio Lower Upper
107 100
109 93.0 62.9 116.7
188 2.7 2.5 3.7



#51
Chlorobenzene
Concen: 50.069 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion:112 Resp: 141124
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 62.3 50.6 75.8





#52

Ethylbenzene

Concen: 49.211 ug/L

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

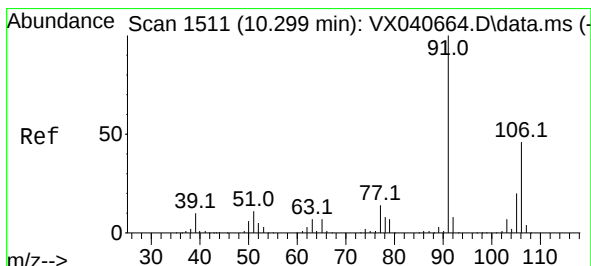
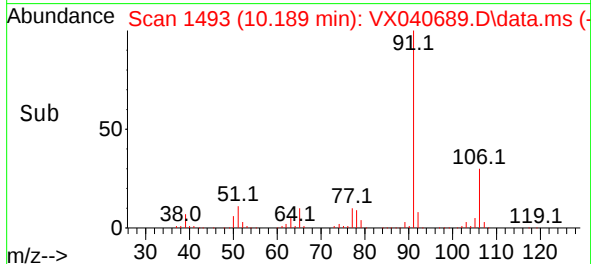
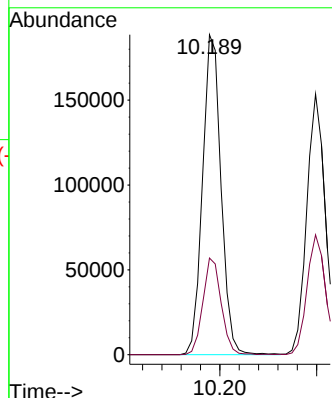
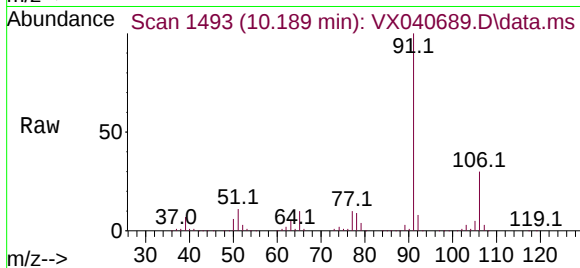
ClientSampleId :

Tgt Ion: 91 Resp: 251593

Ion Ratio Lower Upper

91 100

106 30.2 20.6 38.4



#53

m,p-Xylene

Concen: 50.806 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040689.D

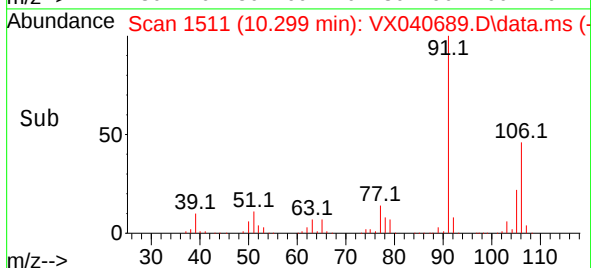
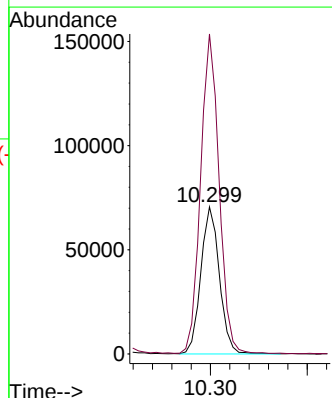
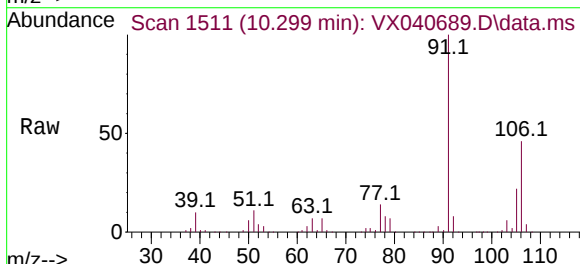
Acq: 18 Mar 2024 11:11

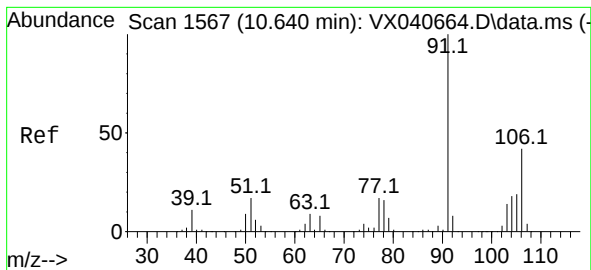
Tgt Ion:106 Resp: 94428

Ion Ratio Lower Upper

106 100

91 217.5 160.4 298.0





#54

o-Xylene

Concen: 50.529 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

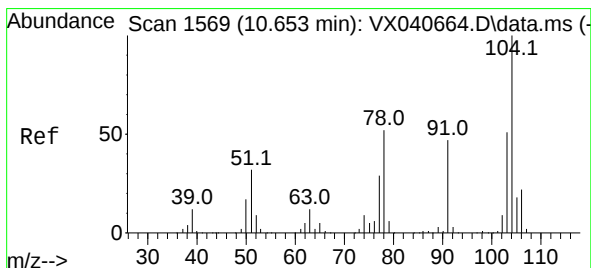
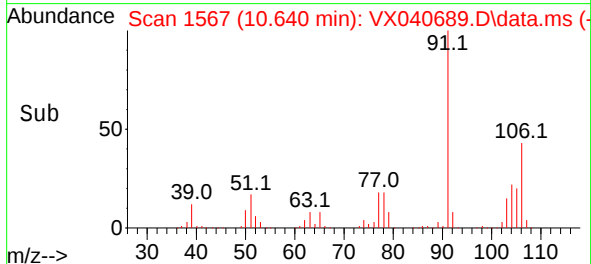
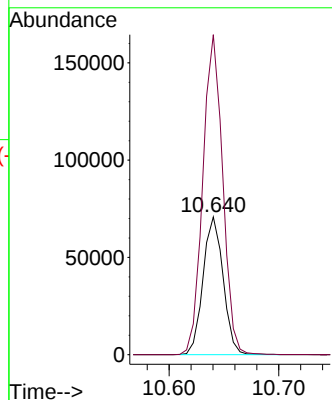
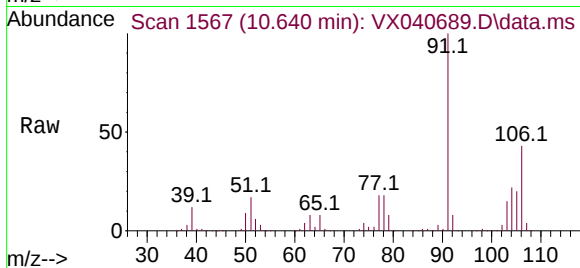
ClientSampleId :

Tgt Ion:106 Resp: 90150

Ion Ratio Lower Upper

106 100

91 232.4 161.7 300.3



#55

Styrene

Concen: 51.324 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040689.D

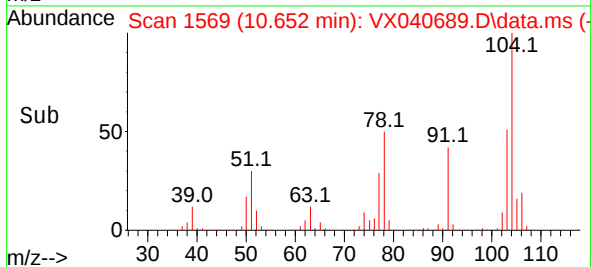
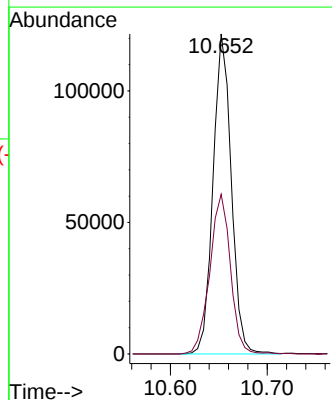
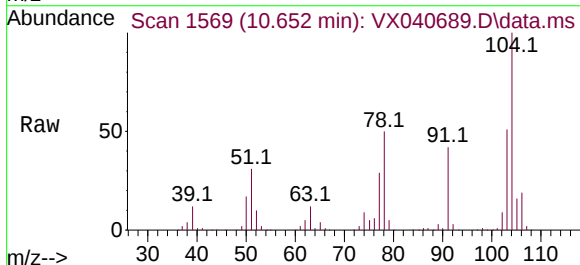
Acq: 18 Mar 2024 11:11

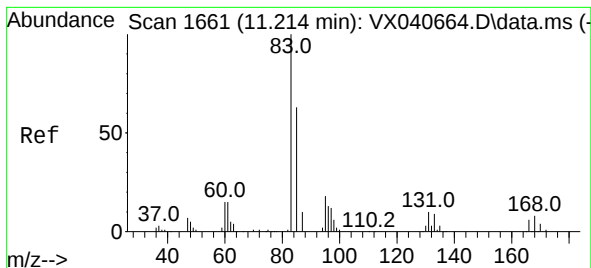
Tgt Ion:104 Resp: 159562

Ion Ratio Lower Upper

104 100

78 49.9 37.2 69.0





#57

1,1,2,2-Tetrachloroethane

Concen: 43.903 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

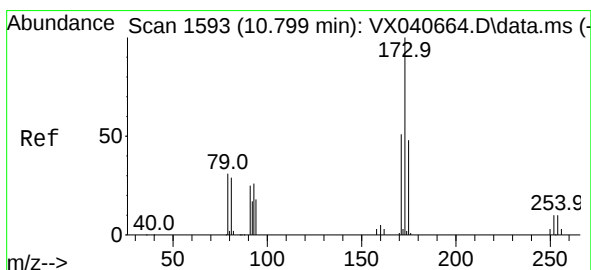
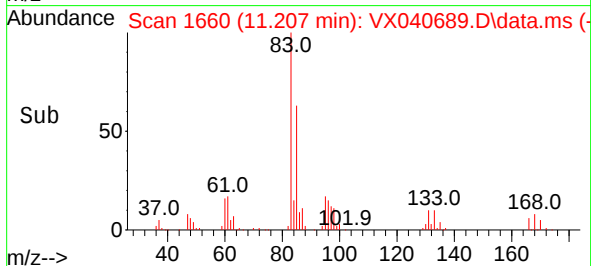
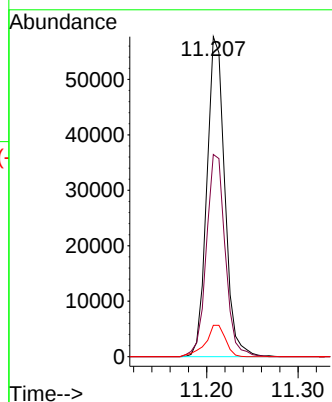
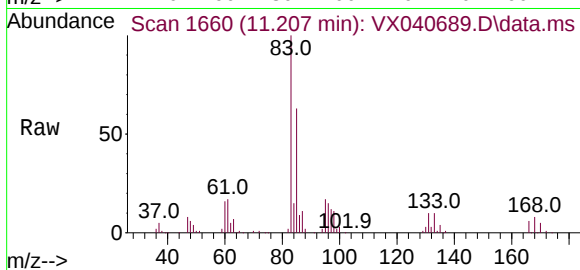
Tgt Ion: 83 Resp: 78425

Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0

131 9.8 8.2 12.2



#59

Bromoform

Concen: 47.711 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

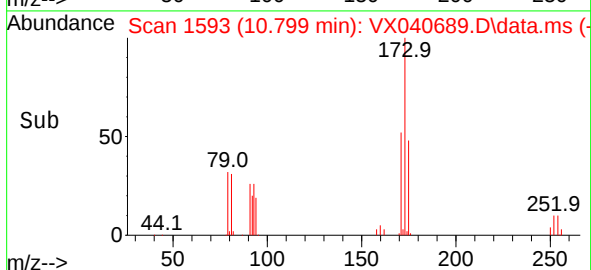
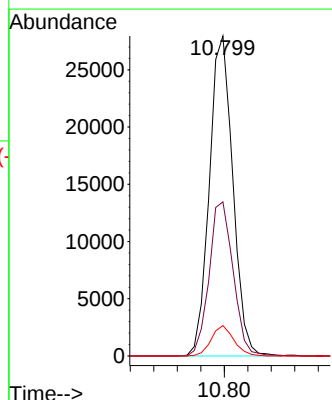
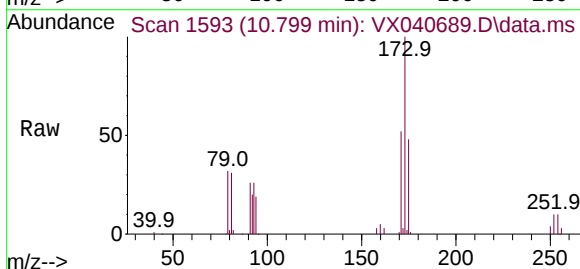
Tgt Ion:173 Resp: 38768

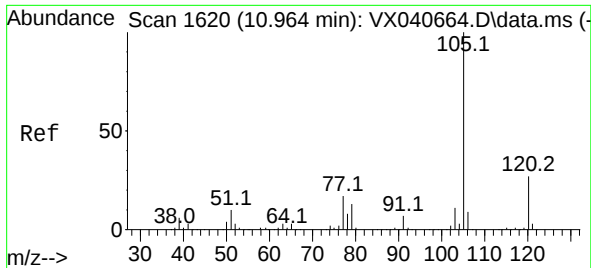
Ion Ratio Lower Upper

173 100

175 49.4 39.4 59.0

254 9.1 7.9 11.9

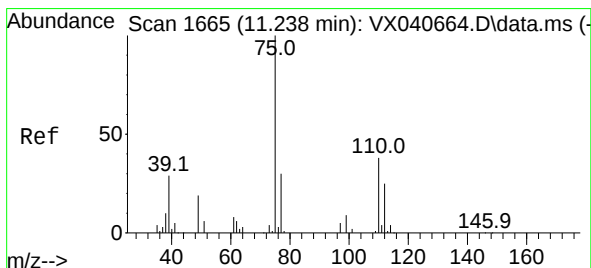
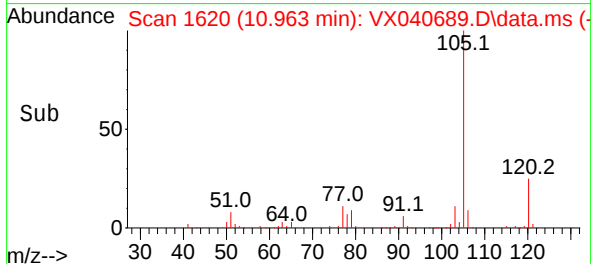
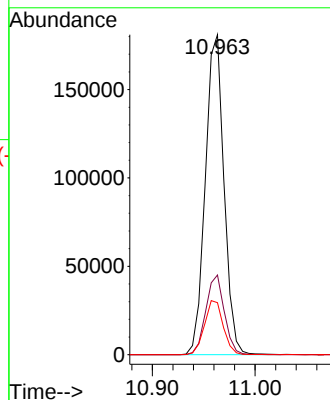
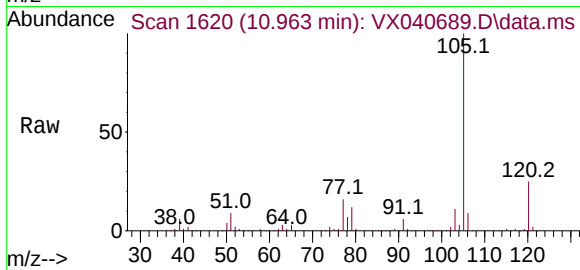




#60
Isopropylbenzene
Concen: 48.710 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

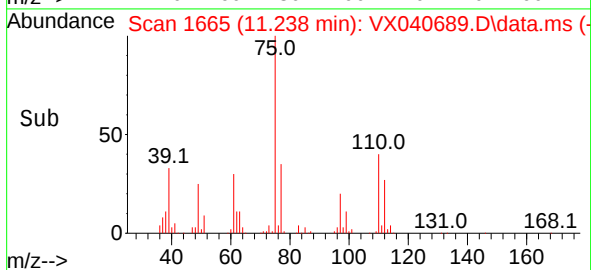
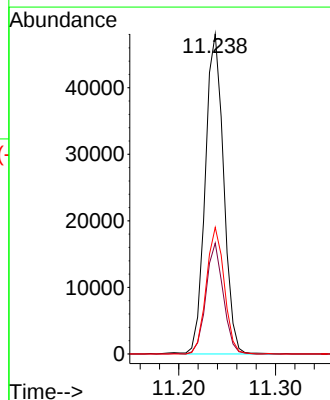
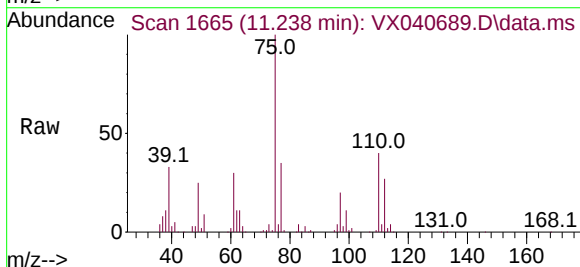
Instrument :
MSVOA_X
ClientSampleId :

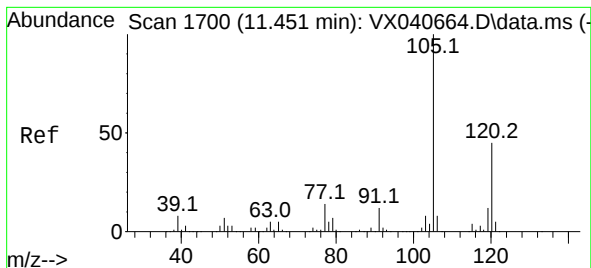
Tgt Ion:105 Resp: 229105
Ion Ratio Lower Upper
105 100
120 24.7 20.1 30.1
77 17.0 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 45.550 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion: 75 Resp: 63590
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
110 38.6 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 49.895 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

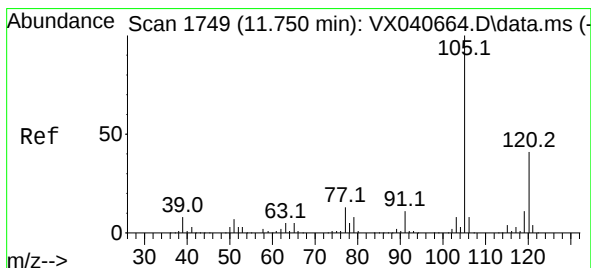
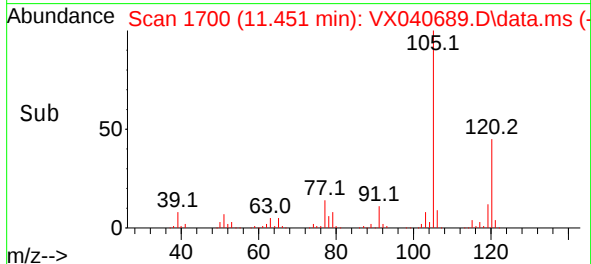
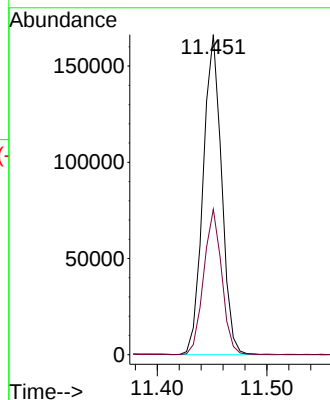
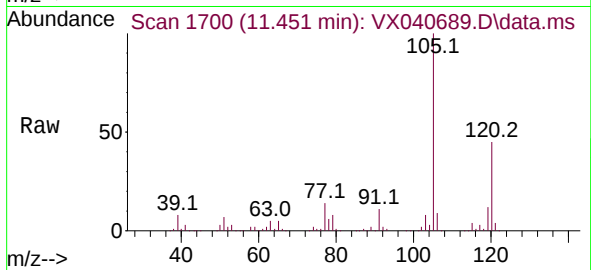
ClientSampleId :

Tgt Ion:105 Resp: 194573

Ion Ratio Lower Upper

105 100

120 44.4 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 49.360 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040689.D

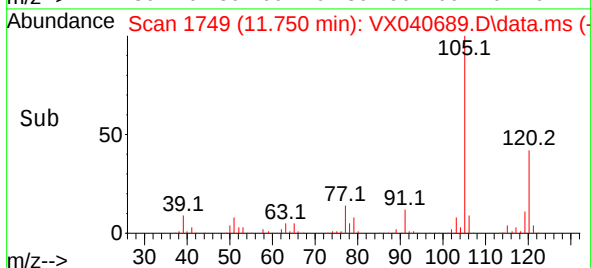
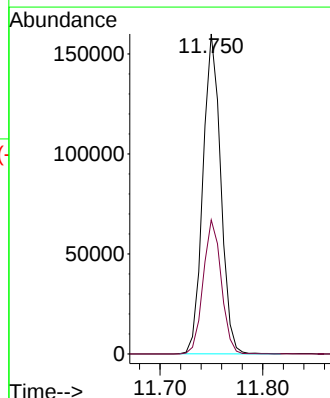
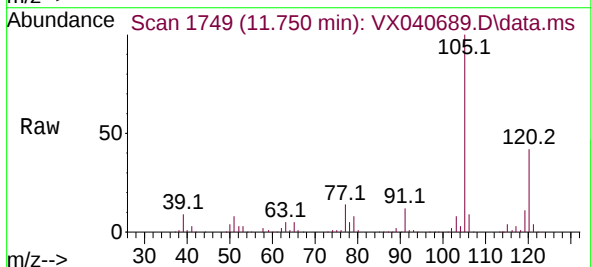
Acq: 18 Mar 2024 11:11

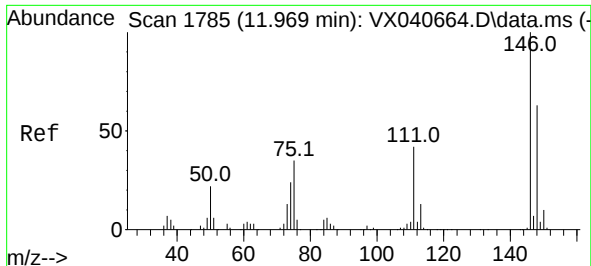
Tgt Ion:105 Resp: 192477

Ion Ratio Lower Upper

105 100

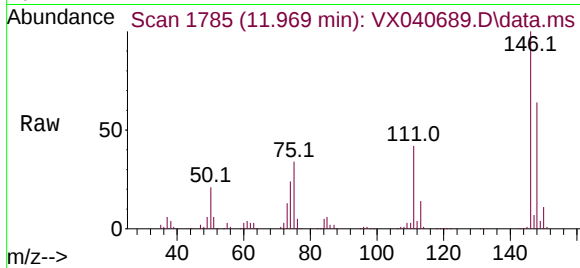
120 42.5 33.9 50.9



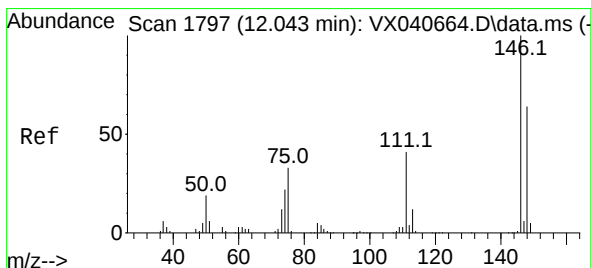
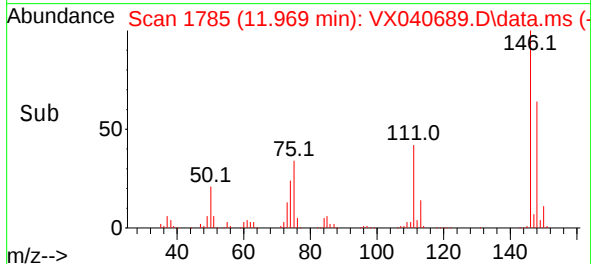
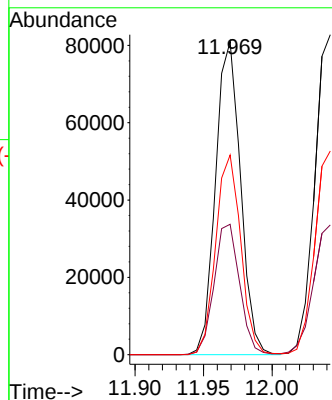


#64
1,3-Dichlorobenzene
Concen: 49.792 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :

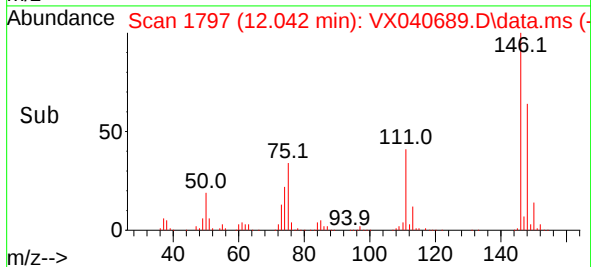
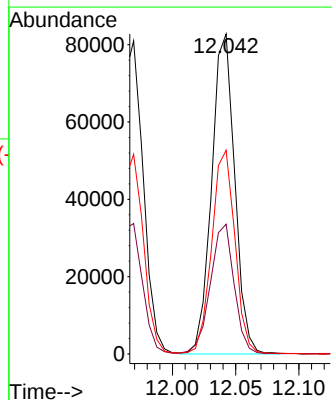
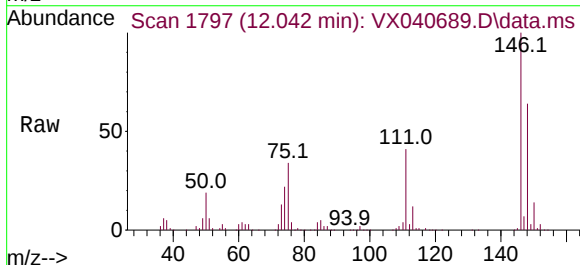


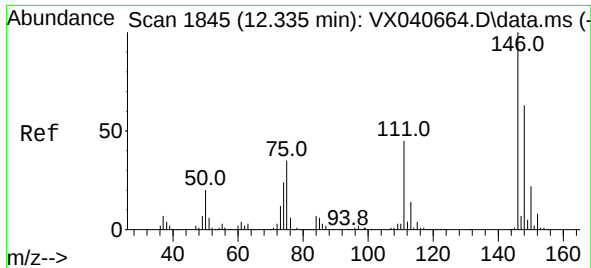
Tgt Ion:146 Resp: 102530
Ion Ratio Lower Upper
146 100
111 41.6 30.0 55.6
148 63.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.288 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040689.D
Acq: 18 Mar 2024 11:11

Tgt Ion:146 Resp: 105307
Ion Ratio Lower Upper
146 100
111 40.6 28.8 53.4
148 63.6 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 50.183 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

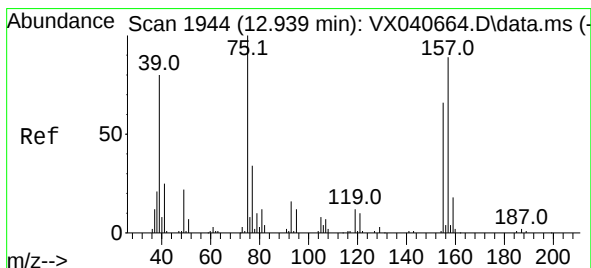
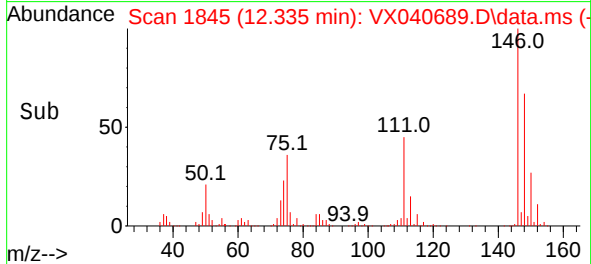
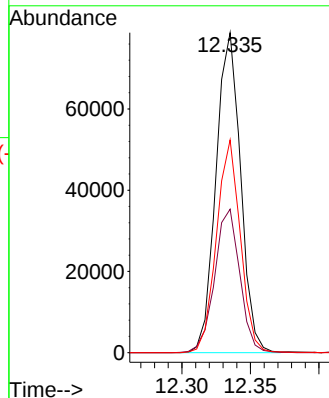
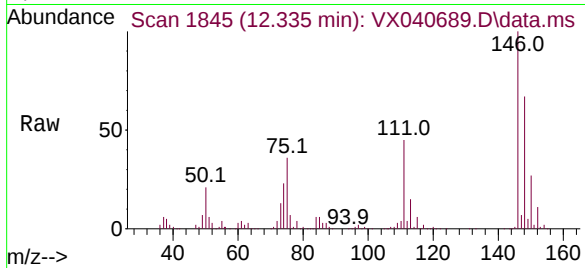
Tgt Ion:146 Resp: 98262

Ion Ratio Lower Upper

146 100

111 44.8 35.8 53.8

148 66.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 50.349 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

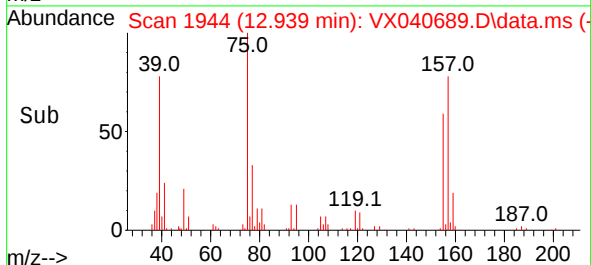
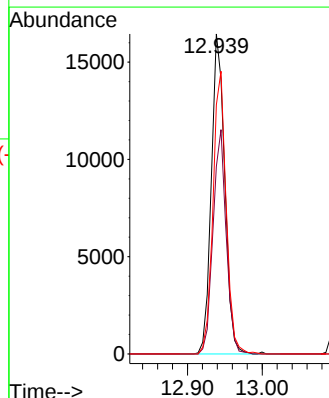
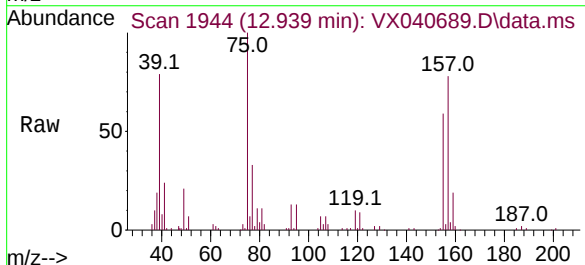
Tgt Ion: 75 Resp: 20577

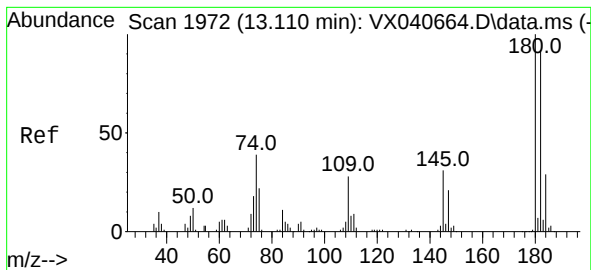
Ion Ratio Lower Upper

75 100

155 58.6 53.9 80.9

157 77.8 64.5 96.7





#69

1,3,5-Trichlorobenzene

Concen: 53.058 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

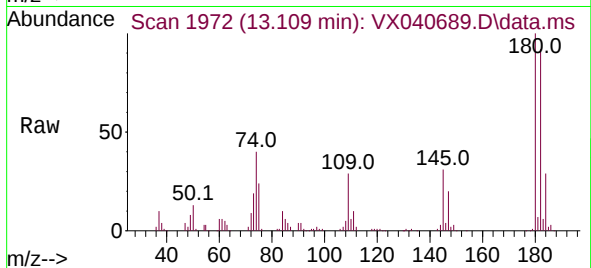
Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 73339

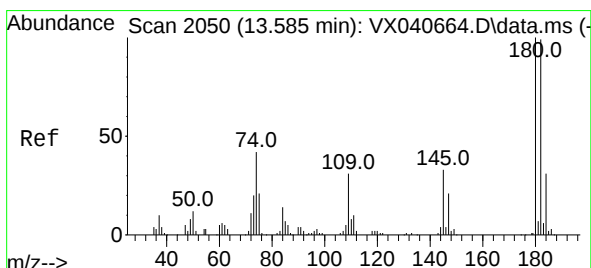
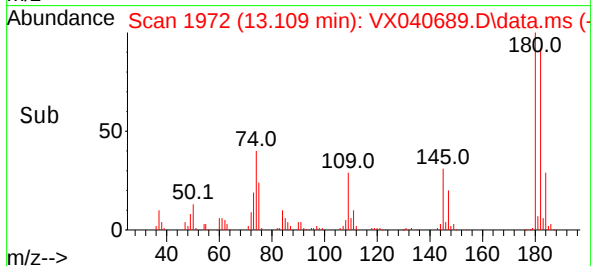
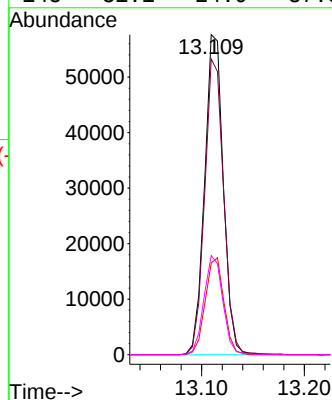
Ion Ratio Lower Upper

180 100

182 93.1 76.6 115.0

184 30.1 24.3 36.5

145 31.1 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 56.540 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

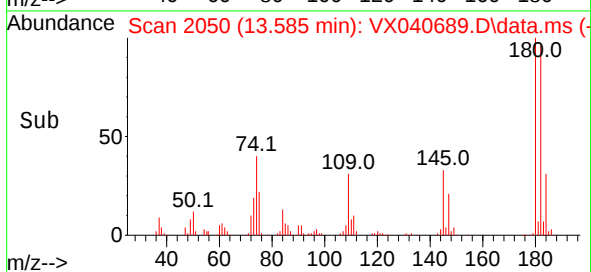
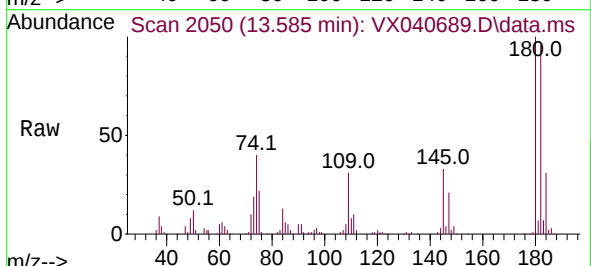
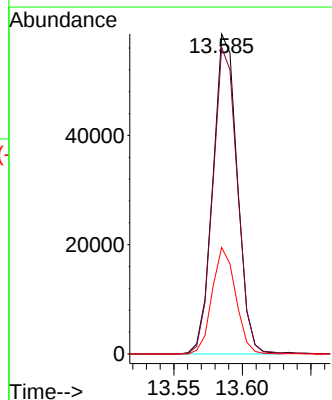
Tgt Ion:180 Resp: 72475

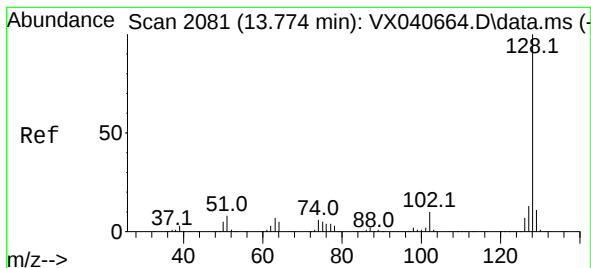
Ion Ratio Lower Upper

180 100

182 96.2 75.1 112.7

145 32.1 26.2 39.4





#71

Naphthalene

Concen: 55.612 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

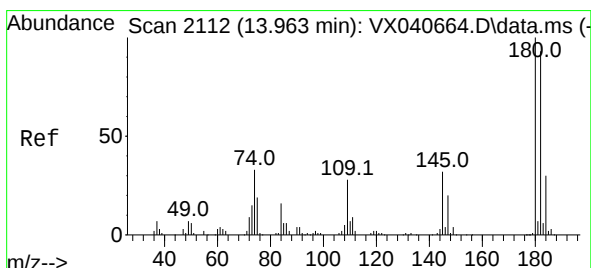
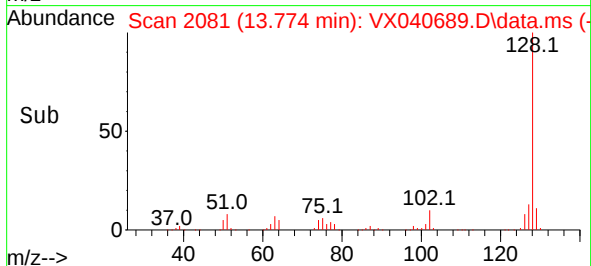
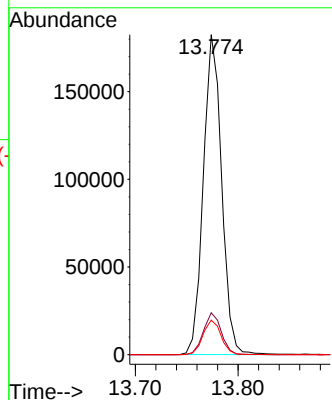
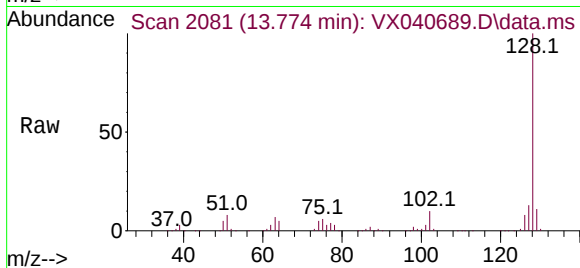
Tgt Ion:128 Resp: 226576

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 56.019 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040689.D

Acq: 18 Mar 2024 11:11

Tgt Ion:180 Resp: 70735

Ion Ratio Lower Upper

180 100

182 97.1 76.9 115.3

145 34.5 27.8 41.8

