

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072524\
 Data File : VX042553.D
 Acq On : 25 Jul 2024 05:20
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 25 06:08:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 04:44:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	194536	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	181892	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98653	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40176	35.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.960%
7) Chloroethane-d5	1.648	69	28441	39.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.780%
11) 1,1-Dichloroethene-d2	2.300	65	21748	43.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.760%
21) 2-Butanone-d5	4.465	46	80081	98.139	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.140%
24) Chloroform-d	5.056	84	112999	49.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.260%
26) 1,2-Dichloroethane-d4	5.952	65	69159	51.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.920%
32) Benzene-d6	5.970	84	217516	46.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
36) 1,2-Dichloropropane-d6	7.305	67	67169	47.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.940%
41) Toluene-d8	8.647	98	204146	46.595	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.952	79	27275	44.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.200%
47) 2-Hexanone-d5	9.384	63	61659	96.007	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	98929	47.295	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.580%
66) 1,2-Dichlorobenzene-d4	12.317	152	92168	48.100	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80335	57.733	ug/L	100
3) Chloromethane	1.300	50	67460	47.974	ug/L	100
5) Vinyl chloride	1.374	62	61717	44.623	ug/L	100
6) Bromomethane	1.599	94	32761	43.471	ug/L	100
8) Chloroethane	1.666	64	30537	44.296	ug/L	99
9) Trichlorofluoromethane	1.874	101	84073	46.707	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	61441	49.529	ug/L	98
12) 1,1-Dichloroethene	2.312	96	57993	49.355	ug/L	86
13) Acetone	2.386	43	54017	97.038	ug/L	98
14) Carbon disulfide	2.508	76	134437	45.989	ug/L	98
15) Methyl Acetate	2.709	43	68017	48.090	ug/L	99
16) Methylene chloride	2.788	84	65886	45.448	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	60969	50.448	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	196437	49.705	ug/L	98
19) 1,1-Dichloroethane	3.605	63	109535	50.472	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	70196	49.440	ug/L	98
22) 2-Butanone	4.562	43	90261	96.867	ug/L	100
23) Bromochloromethane	4.903	128	36556	48.177	ug/L	99
25) Chloroform	5.092	83	118345	52.009	ug/L	98

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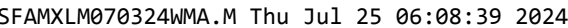
Instrument :
 MSVOA_X
 ClientSampleId :

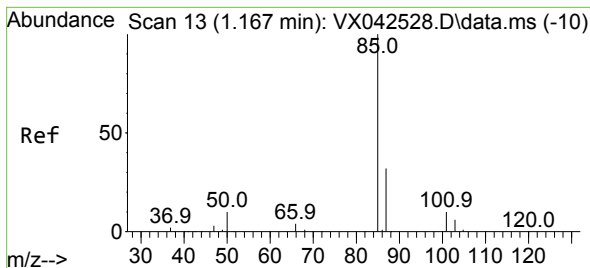
Quant Time: Jul 25 06:08:23 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 04:44:43 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	89132	52.856	ug/L	99
29) Cyclohexane	5.470	56	95476	48.569	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	101311	51.159	ug/L	100
31) Carbon tetrachloride	5.678	117	89397	51.681	ug/L	100
33) Benzene	6.037	78	249155	48.984	ug/L	100
34) Trichloroethene	7.123	95	67934	50.988	ug/L	97
35) Methylcyclohexane	7.379	83	100059	49.529	ug/L	99
37) 1,2-Dichloropropane	7.427	63	63984	49.026	ug/L	99
38) Bromodichloromethane	7.824	83	79108	49.499	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	88075	45.832	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	177923	95.581	ug/L	98
42) Toluene	8.720	91	269135	49.588	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	79881	46.363	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	69129	49.505	ug/L	99
46) Tetrachloroethene	9.275	164	62379	50.018	ug/L	98
48) 2-Hexanone	9.433	43	137449	94.024	ug/L	99
49) Dibromochloromethane	9.518	129	70547	49.605	ug/L	100
50) 1,2-Dibromoethane	9.610	107	72787	48.533	ug/L	99
51) Chlorobenzene	10.079	112	182994	49.118	ug/L	99
52) Ethylbenzene	10.195	91	298933	50.684	ug/L	98
53) m,p-Xylene	10.299	106	117835	49.636	ug/L	97
54) o-Xylene	10.640	106	116890	49.292	ug/L	100
55) Styrene	10.652	104	197373	49.951	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	104103	46.448	ug/L	99
59) Bromoform	10.799	173	57823	46.760	ug/L	99
60) Isopropylbenzene	10.963	105	302743	49.015	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	81933	46.771	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	228828	48.721	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	247166	49.104	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	150826	48.691	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	150347	47.982	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	151287	47.445	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	20800	46.383	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	110879	49.265	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	97311	47.536	ug/L	98
71) Naphthalene	13.774	128	298499	47.169	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	102004	47.156	ug/L	98

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

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QLast Update : Thu Jul 25 04:44:43 2024
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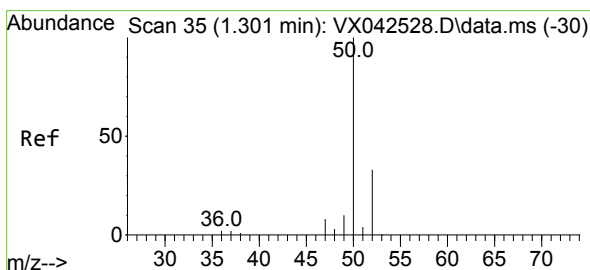
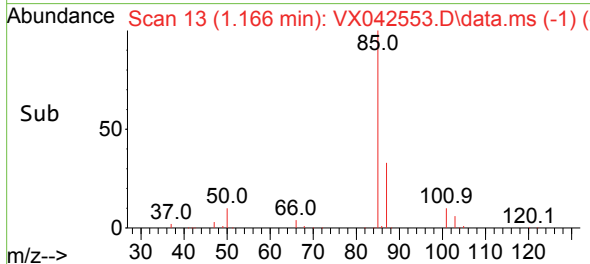
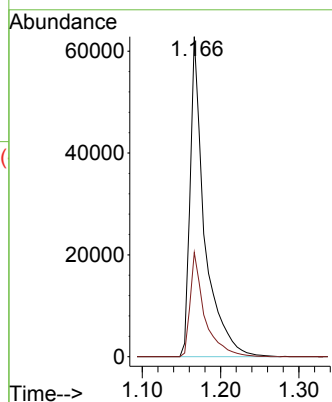
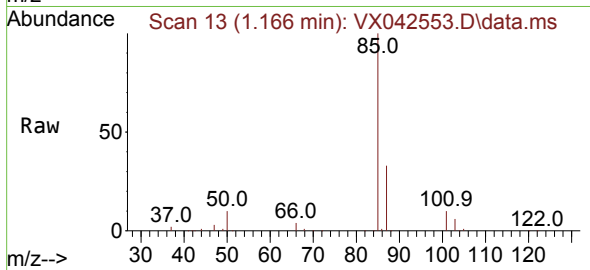




#2
 Dichlorodifluoromethane
 Concen: 57.733 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX042553.D
 Acq: 25 Jul 2024 05:20

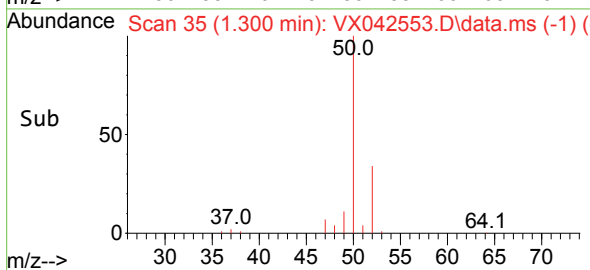
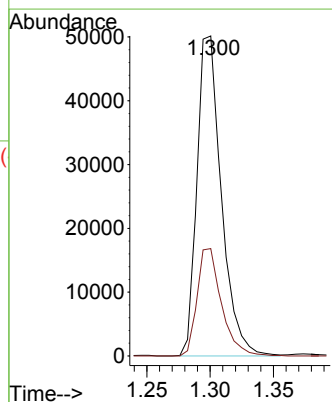
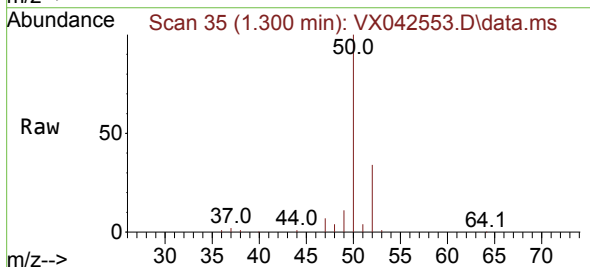
Instrument :
 MSVOA_X
 ClientSampleId :

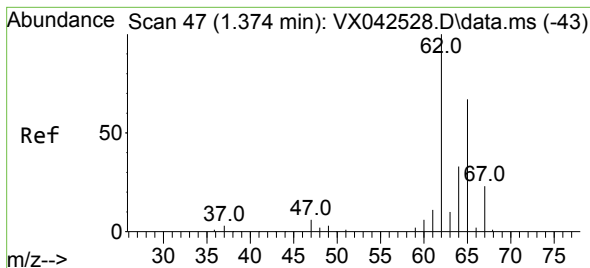
Tgt Ion: 85 Resp: 80335
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 47.974 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX042553.D
 Acq: 25 Jul 2024 05:20

Tgt Ion: 50 Resp: 67460
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.5 43.7





#5

Vinyl chloride

Concen: 44.623 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

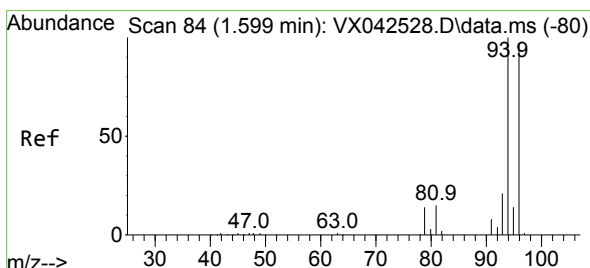
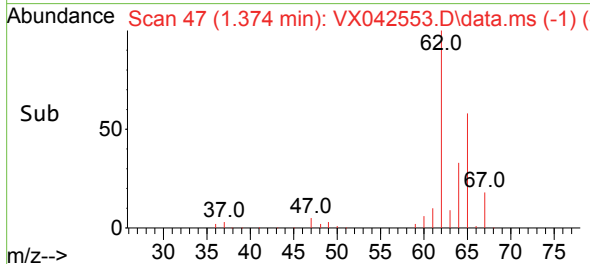
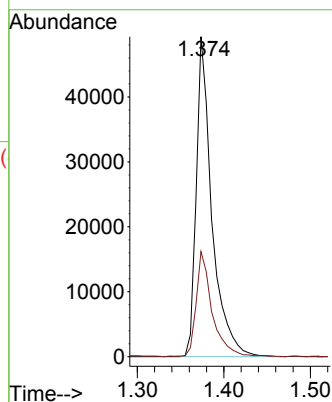
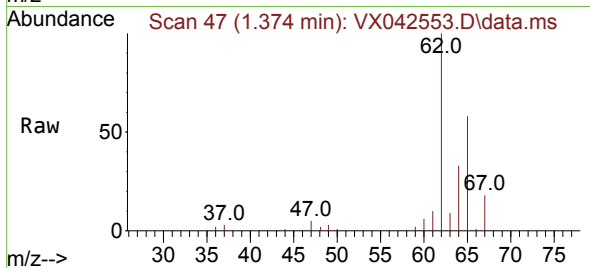
ClientSampleId :

Tgt Ion: 62 Resp: 61717

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.0



#6

Bromomethane

Concen: 43.471 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX042553.D

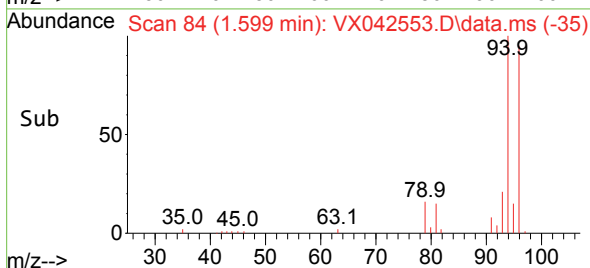
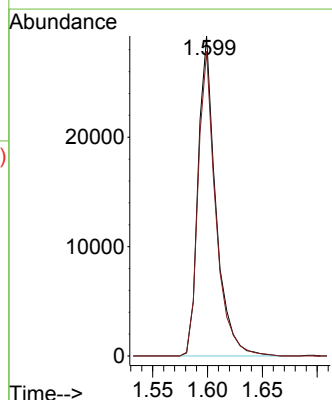
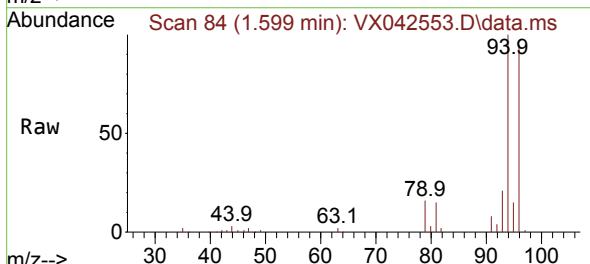
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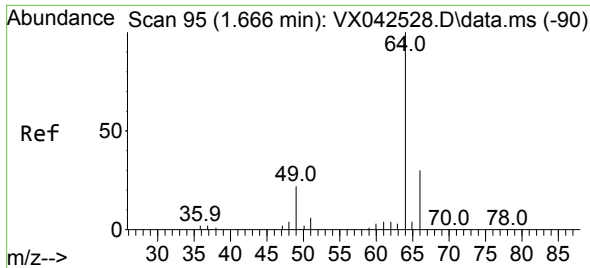
Tgt Ion: 94 Resp: 32761

Ion Ratio Lower Upper

94 100

96 95.3 66.4 123.4

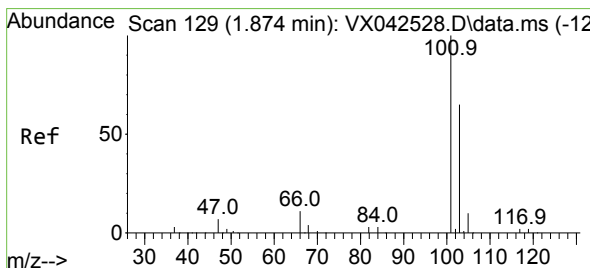
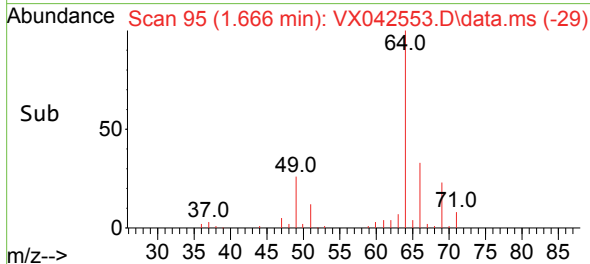
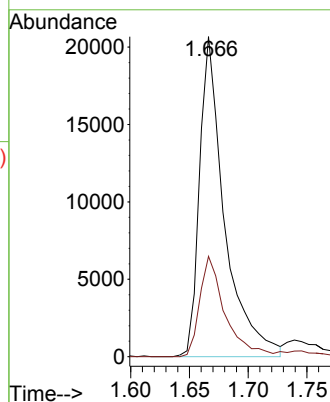
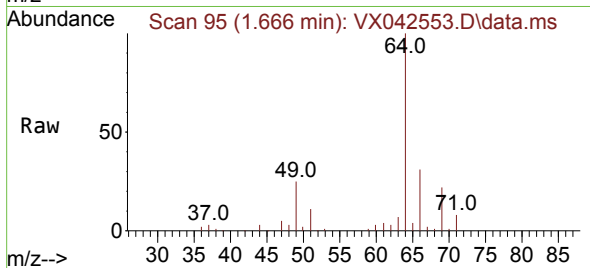




#8
Chloroethane
Concen: 44.296 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

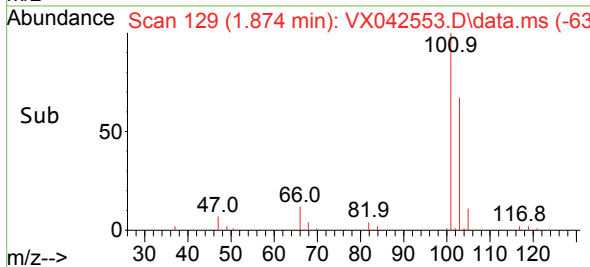
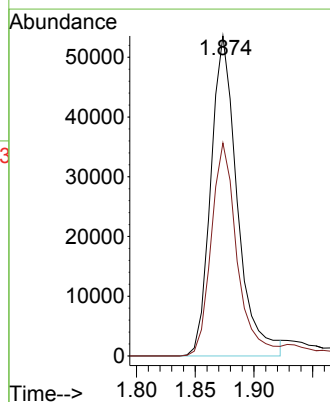
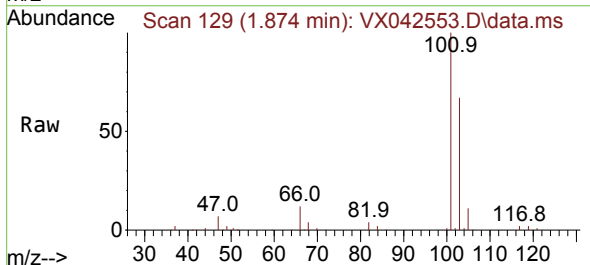
Instrument :
MSVOA_X
ClientSampleId :

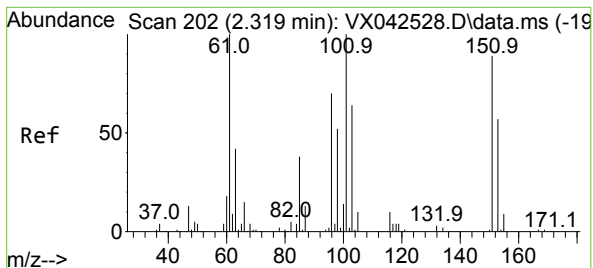
Tgt Ion: 64 Resp: 30537
Ion Ratio Lower Upper
64 100
66 31.4 22.5 41.7



#9
Trichlorofluoromethane
Concen: 46.707 ug/L
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion: 101 Resp: 84073
Ion Ratio Lower Upper
101 100
103 65.1 50.2 75.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.529 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

ClientSampleId :

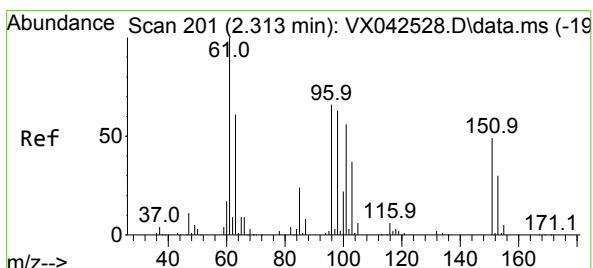
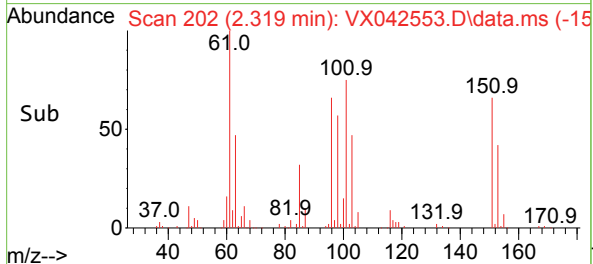
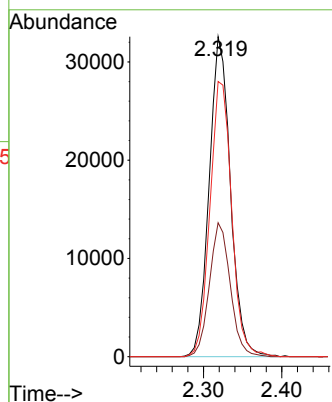
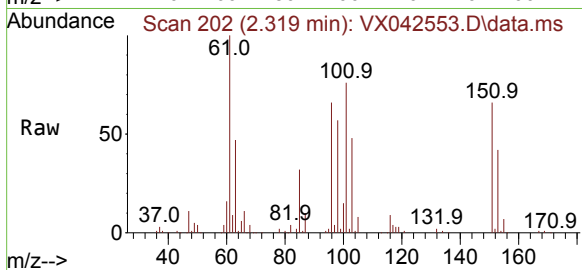
Tgt Ion:101 Resp: 61441

Ion Ratio Lower Upper

101 100

85 41.1 31.3 46.9

151 87.9 69.7 104.5



#12

1,1-Dichloroethene

Concen: 49.355 ug/L

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

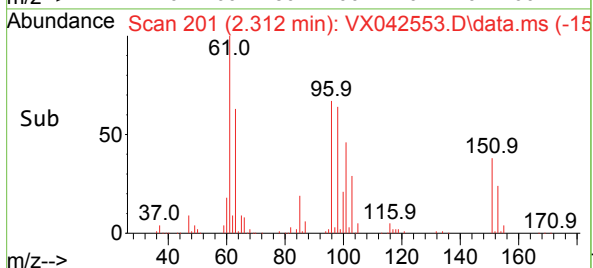
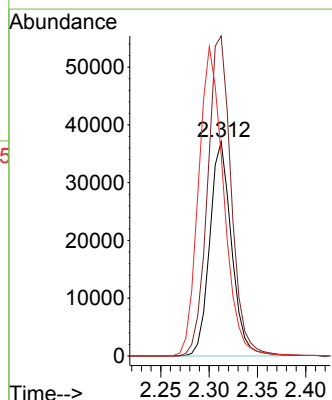
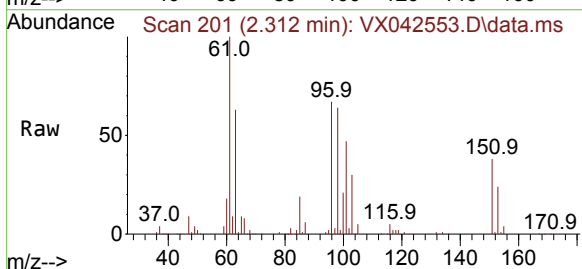
Tgt Ion: 96 Resp: 57993

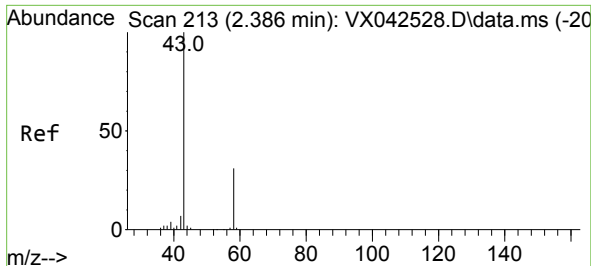
Ion Ratio Lower Upper

96 100

61 149.4 106.7 198.1

63 94.1 89.2 165.6





#13

Acetone

Concen: 97.038 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

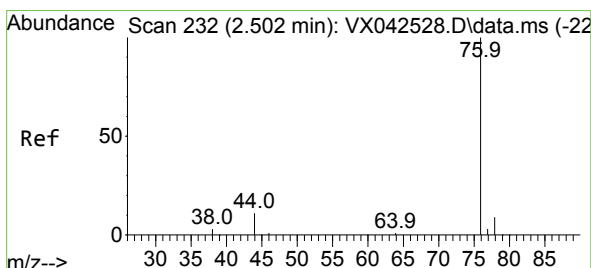
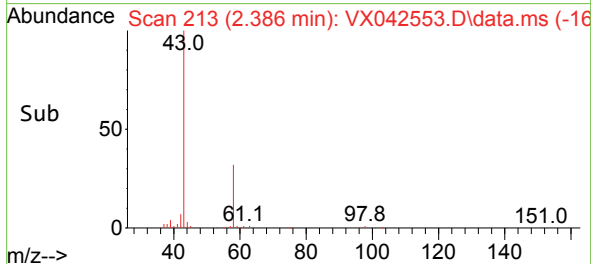
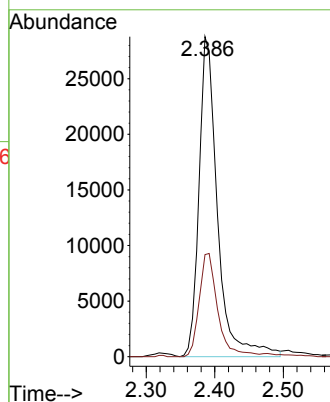
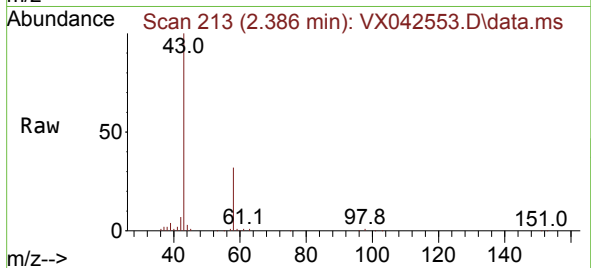
ClientSampleId :

Tgt Ion: 43 Resp: 54017

Ion Ratio Lower Upper

43 100

58 32.3 0.0 62.6



#14

Carbon disulfide

Concen: 45.989 ug/L

RT: 2.508 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX042553.D

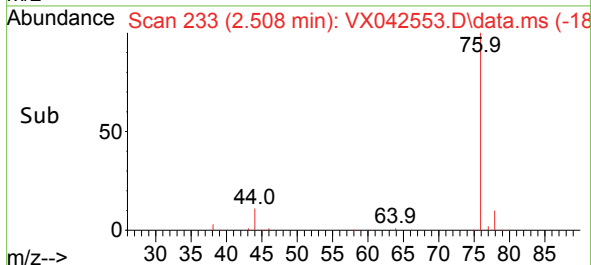
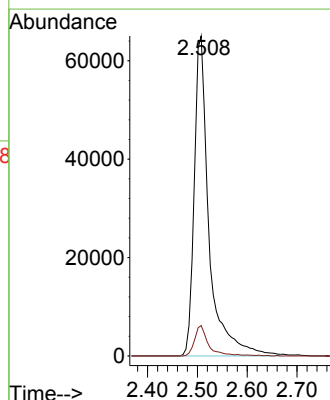
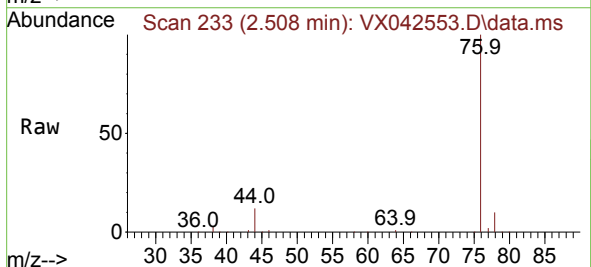
Acq: 25 Jul 2024 05:20

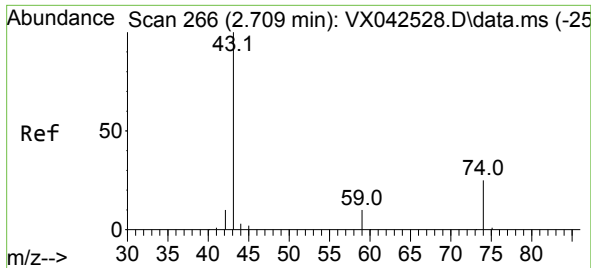
Tgt Ion: 76 Resp: 134437

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

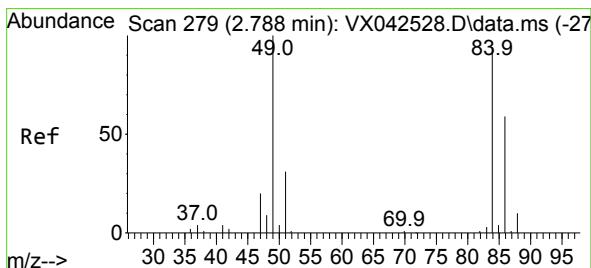
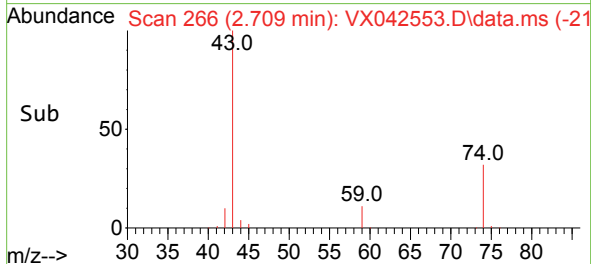
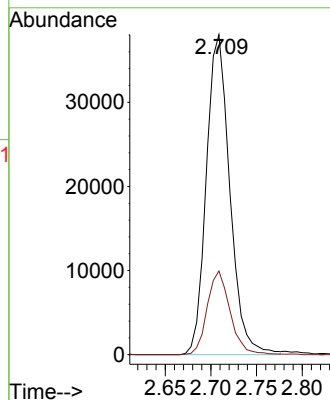
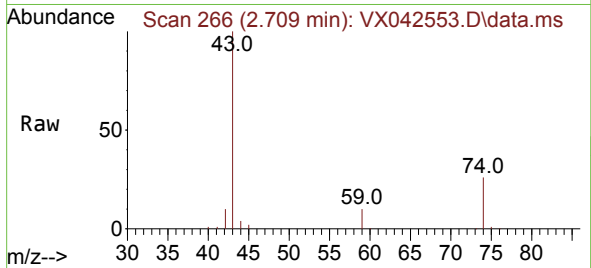




#15
Methyl Acetate
Concen: 48.090 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

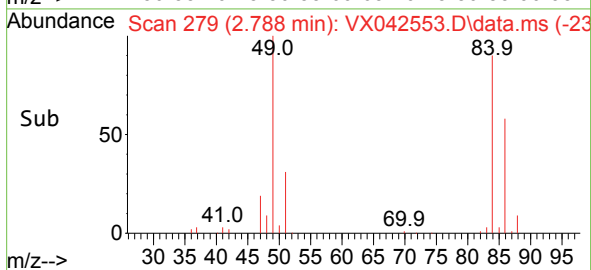
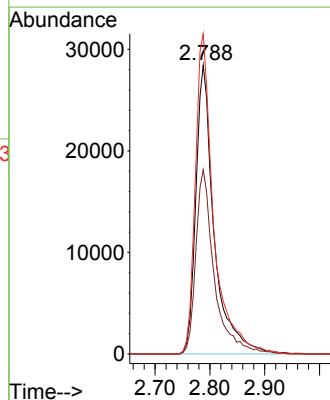
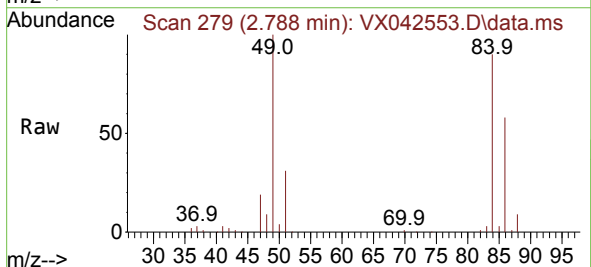
Instrument :
MSVOA_X
ClientSampleId :

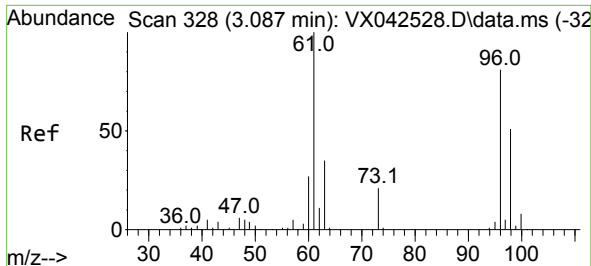
Tgt Ion: 43 Resp: 68017
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1



#16
Methylene chloride
Concen: 45.448 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion: 84 Resp: 65886
Ion Ratio Lower Upper
84 100
86 63.7 45.7 84.9
49 110.7 76.4 141.8

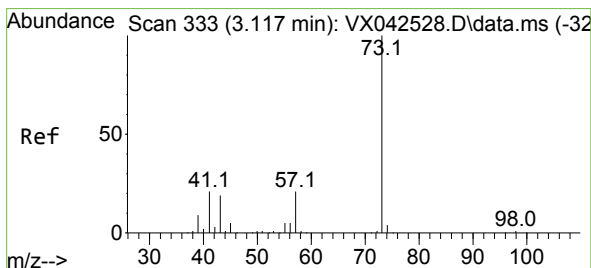
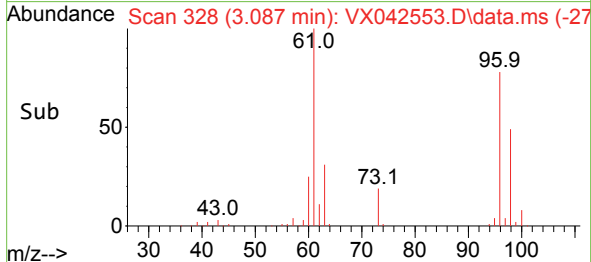
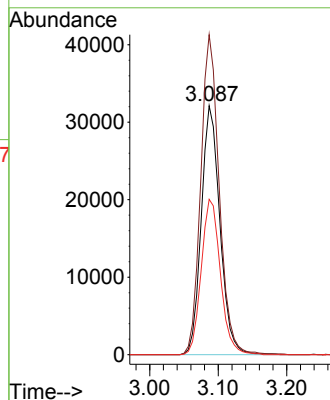
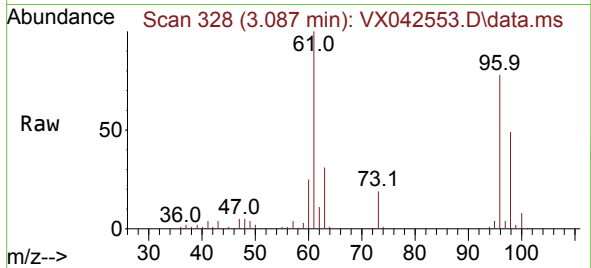




#17
trans-1,2-Dichloroethene
Concen: 50.448 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

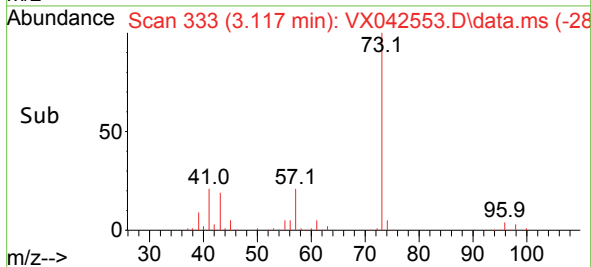
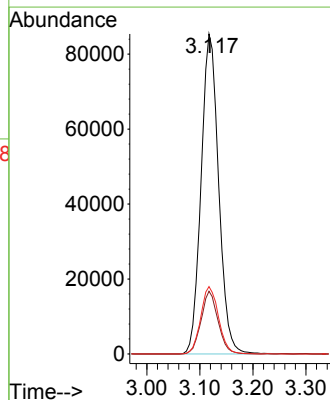
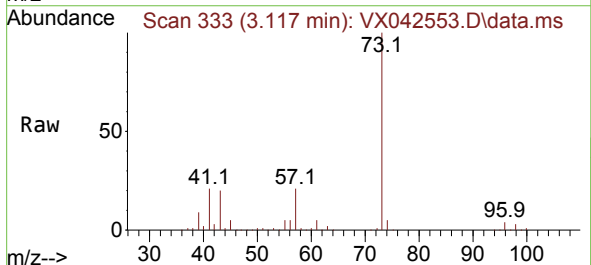
Instrument :
MSVOA_X
ClientSampleId :

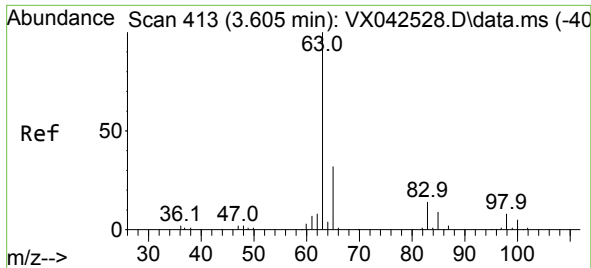
Tgt Ion: 96 Resp: 60969
Ion Ratio Lower Upper
96 100
61 128.5 88.4 164.2
98 62.4 46.5 86.5



#18
Methyl tert-butyl Ether
Concen: 49.705 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion: 73 Resp: 196437
Ion Ratio Lower Upper
73 100
43 18.9 14.5 21.7
57 21.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.472 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

ClientSampleId :

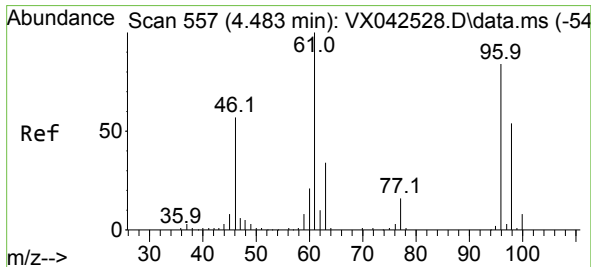
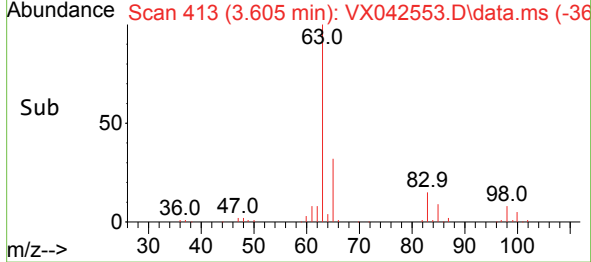
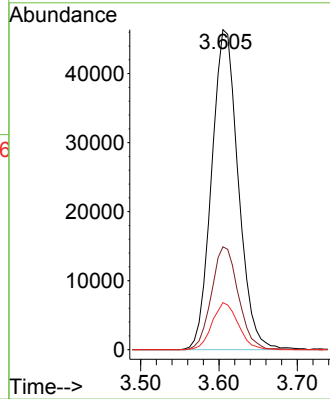
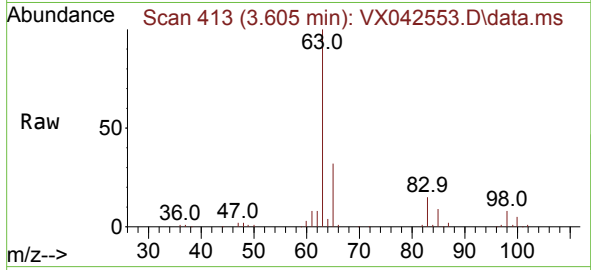
Tgt Ion: 63 Resp: 109535

Ion Ratio Lower Upper

63 100

65 32.2 22.2 41.2

83 14.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 49.440 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

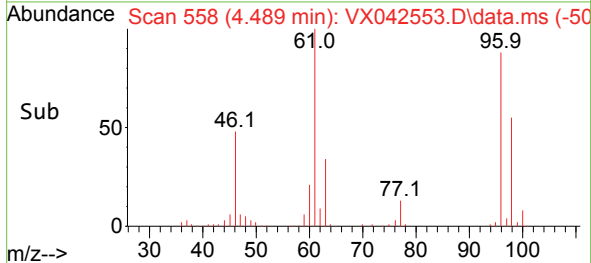
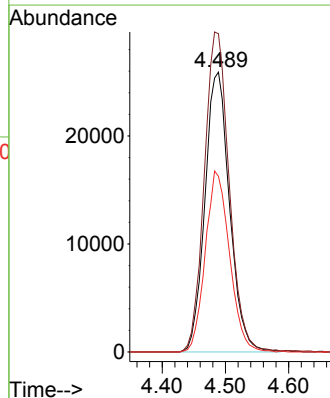
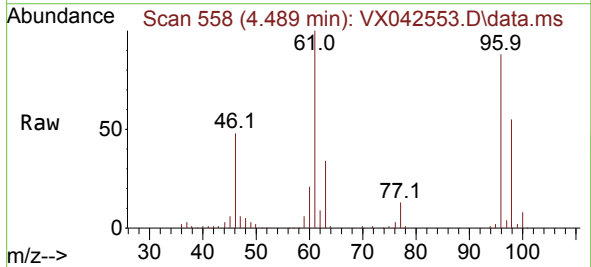
Tgt Ion: 96 Resp: 70196

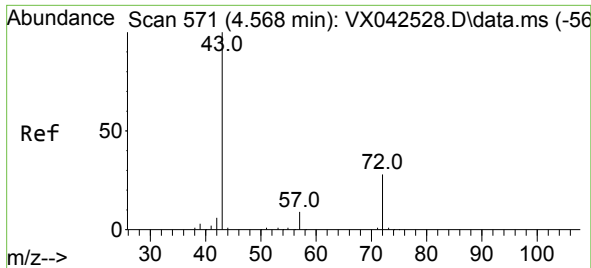
Ion Ratio Lower Upper

96 100

61 113.7 80.5 149.5

98 62.8 45.7 84.9

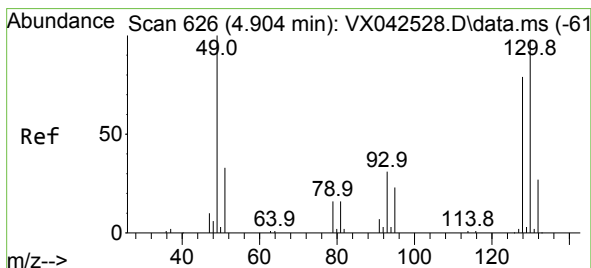
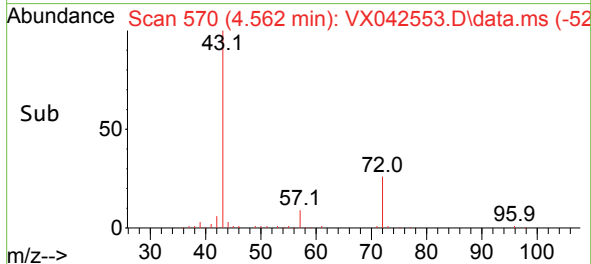
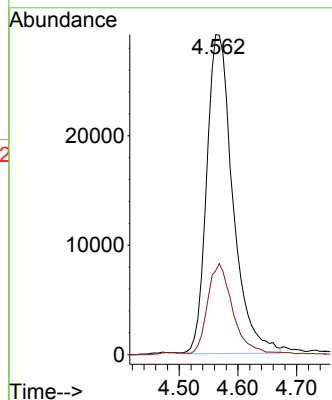
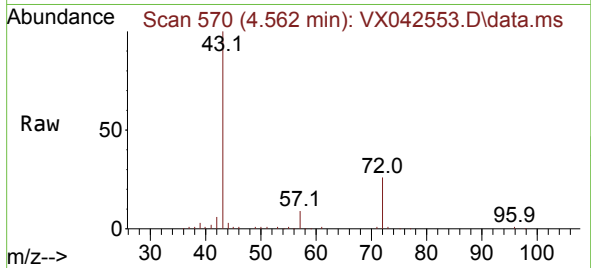




#22
2-Butanone
Concen: 96.867 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

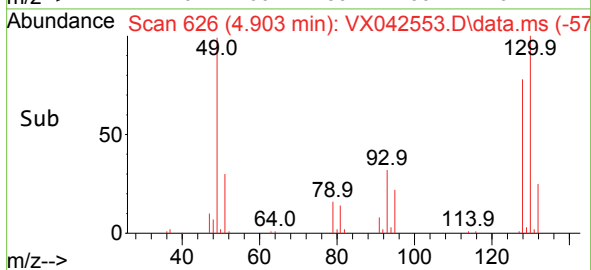
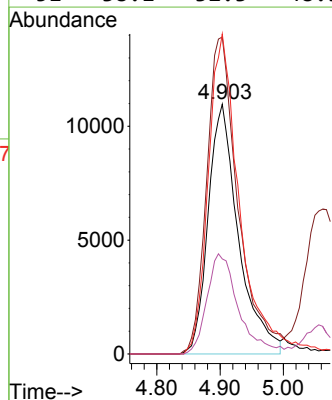
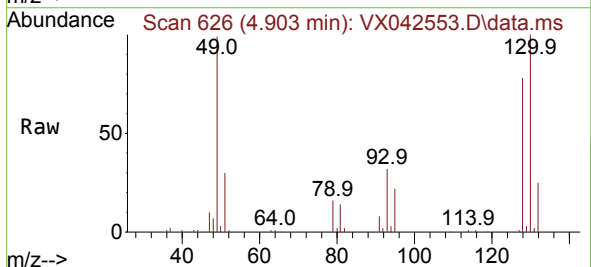
Instrument :
MSVOA_X
ClientSampleId :

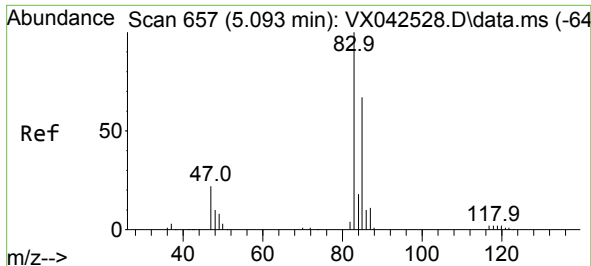
Tgt Ion: 43 Resp: 90261
Ion Ratio Lower Upper
43 100
72 27.5 13.7 41.1



#23
Bromochloromethane
Concen: 48.177 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion: 128 Resp: 36556
Ion Ratio Lower Upper
128 100
49 126.9 89.7 166.7
130 128.1 90.0 167.2
51 38.1 32.3 48.5

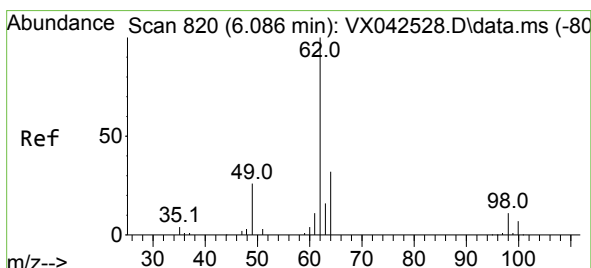
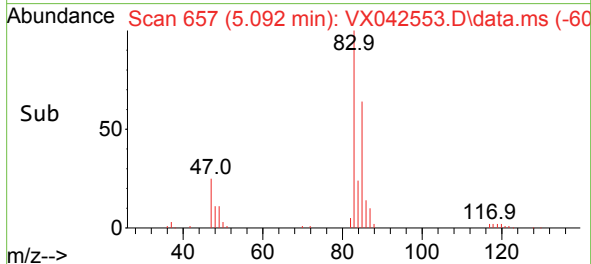
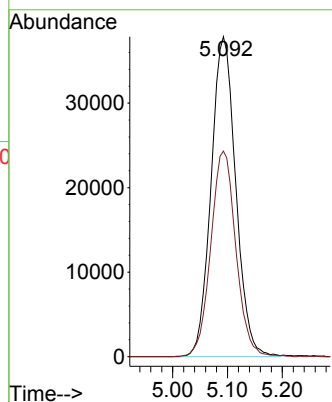
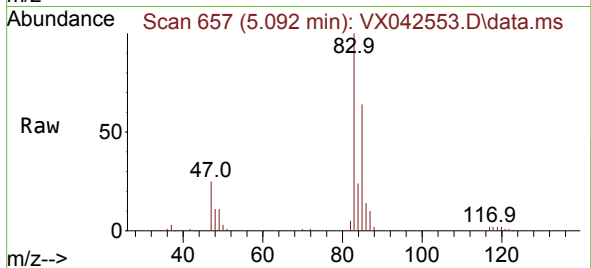




#25
Chloroform
Concen: 52.009 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

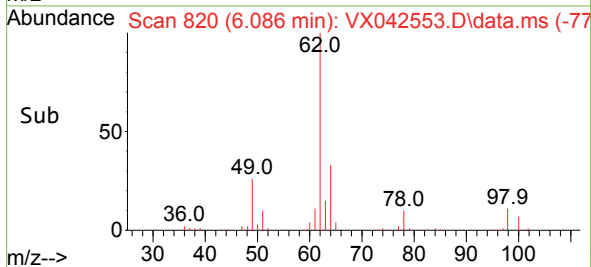
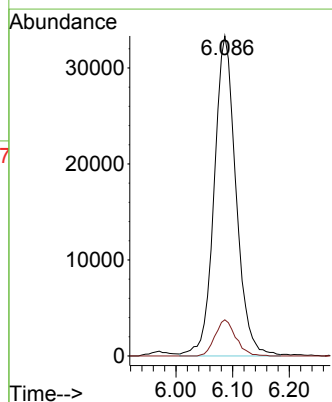
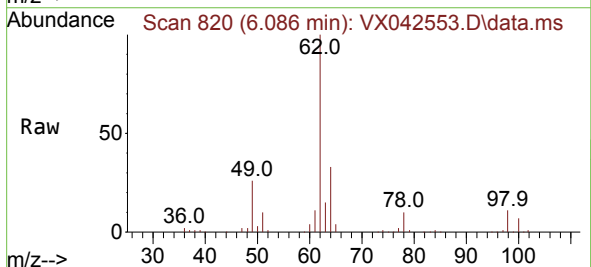
Instrument :
MSVOA_X
ClientSampleId :

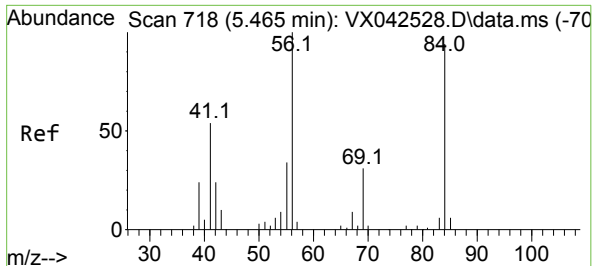
Tgt Ion: 83 Resp: 118345
Ion Ratio Lower Upper
83 100
85 64.2 45.8 85.2



#27
1,2-Dichloroethane
Concen: 52.856 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion: 62 Resp: 89132
Ion Ratio Lower Upper
62 100
98 11.3 9.3 13.9





#29

Cyclohexane

Concen: 48.569 ug/L

RT: 5.470 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

ClientSampleId :

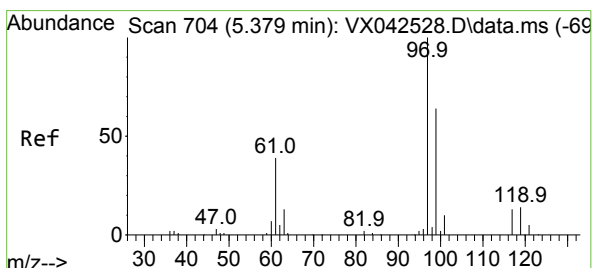
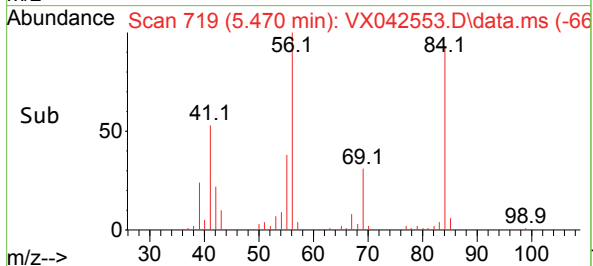
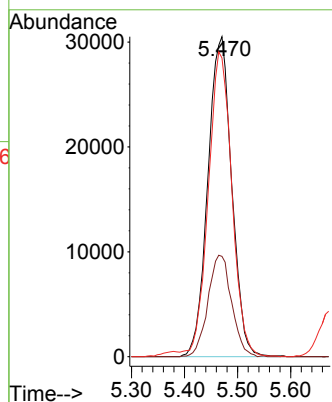
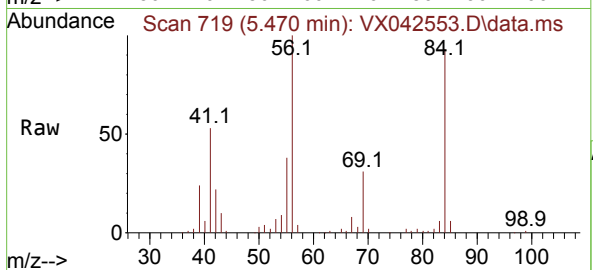
Tgt Ion: 56 Resp: 95476

Ion Ratio Lower Upper

56 100

69 31.3 25.3 37.9

84 93.6 74.0 111.0



#30

1,1,1-Trichloroethane

Concen: 51.159 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

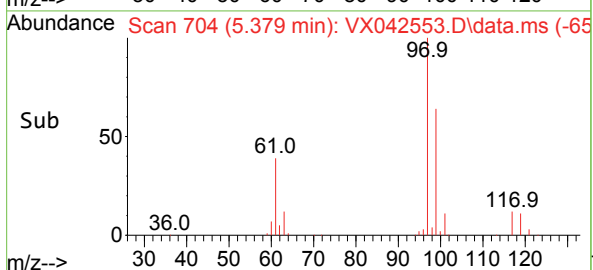
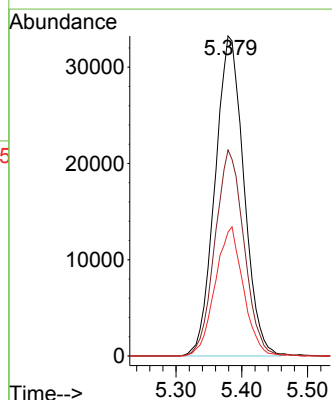
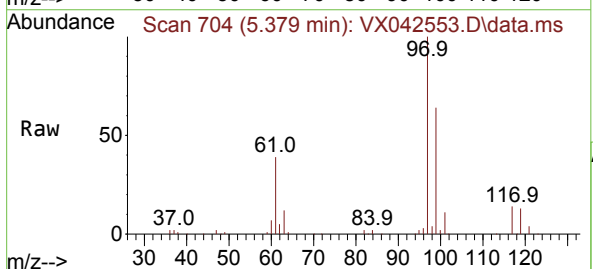
Tgt Ion: 97 Resp: 101311

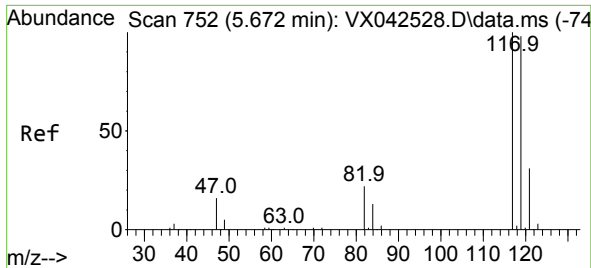
Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

61 39.6 31.2 46.8

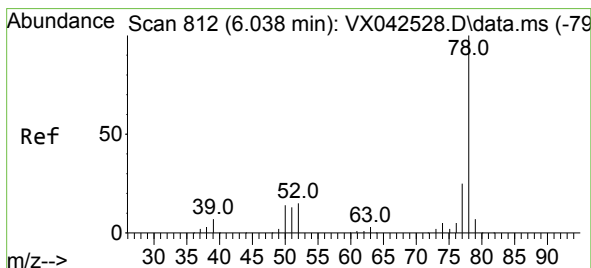
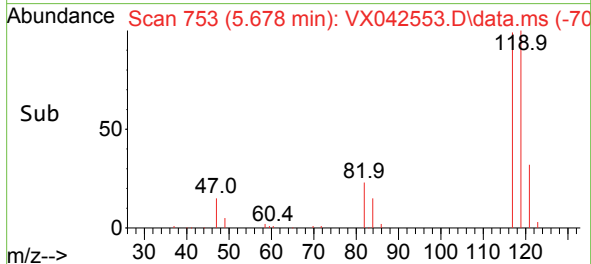
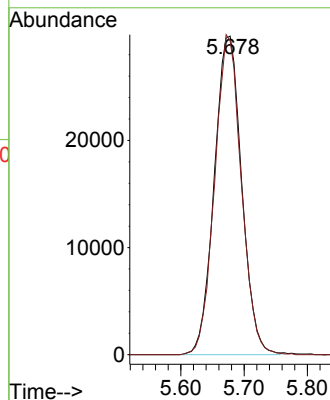
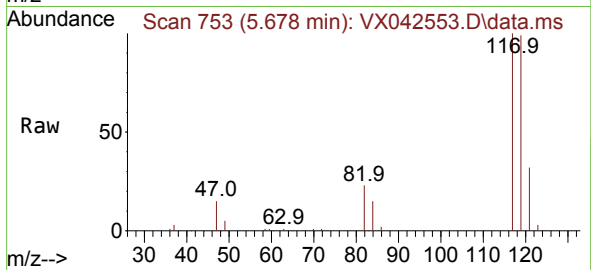




#31
Carbon tetrachloride
Concen: 51.681 ug/L
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

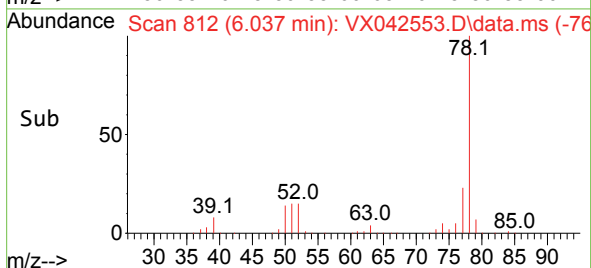
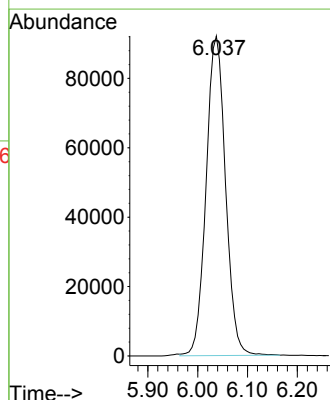
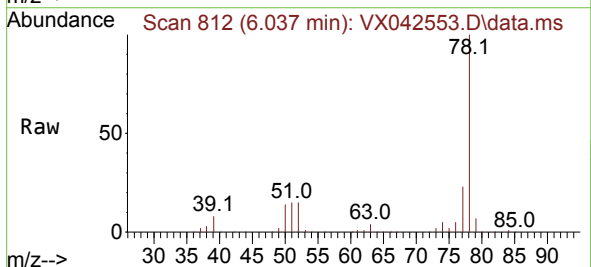
Instrument :
MSVOA_X
ClientSampleId :

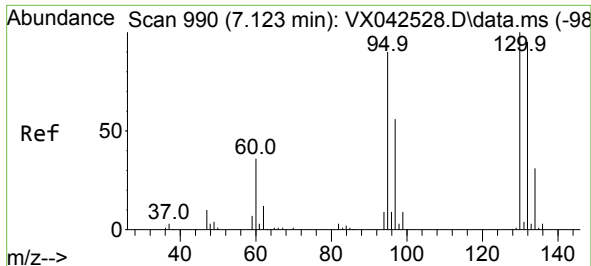
Tgt Ion:117 Resp: 89397
Ion Ratio Lower Upper
117 100
119 97.5 77.7 116.5



#33
Benzene
Concen: 48.984 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

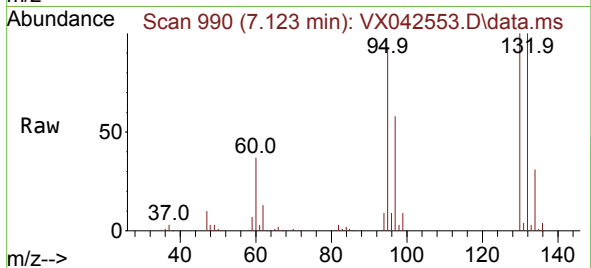
Tgt Ion: 78 Resp: 249155



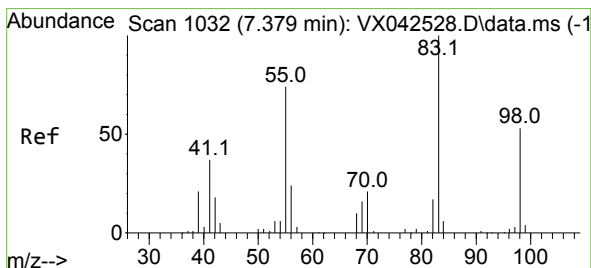
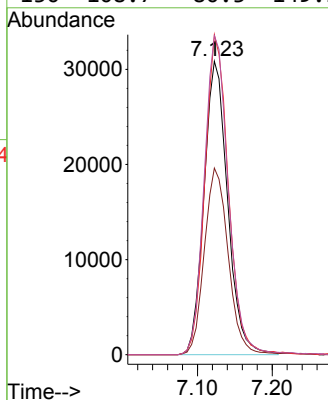
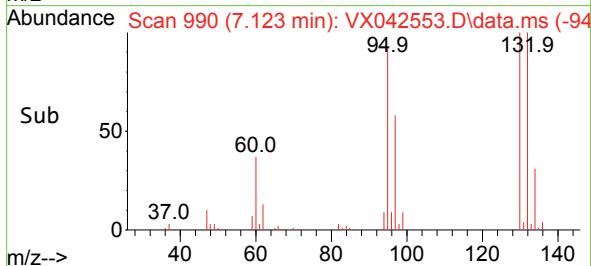


#34
Trichloroethene
Concen: 50.988 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

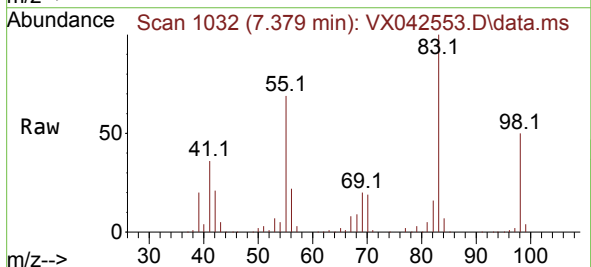
Instrument :
MSVOA_X
ClientSampleId :



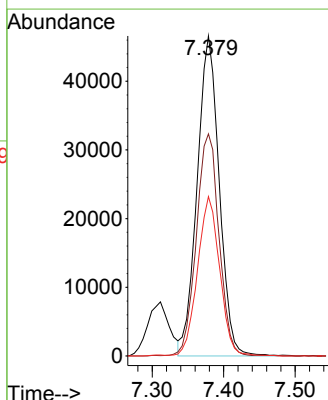
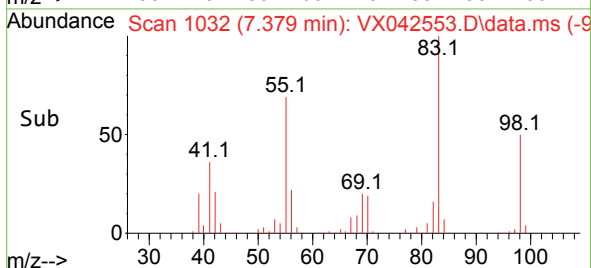
Tgt Ion: 95 Resp: 67934
Ion Ratio Lower Upper
95 100
97 63.6 45.1 83.7
132 109.0 77.2 143.4
130 108.7 80.3 149.1

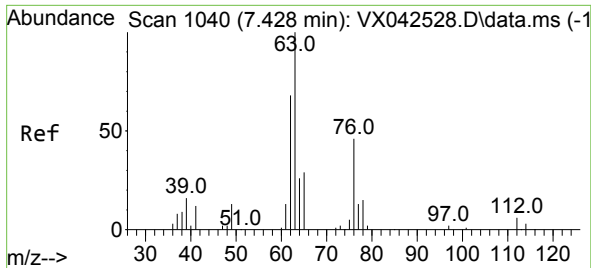


#35
Methylcyclohexane
Concen: 49.529 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20



Tgt Ion: 83 Resp: 100059
Ion Ratio Lower Upper
83 100
55 70.8 56.4 84.6
98 50.0 40.4 60.6

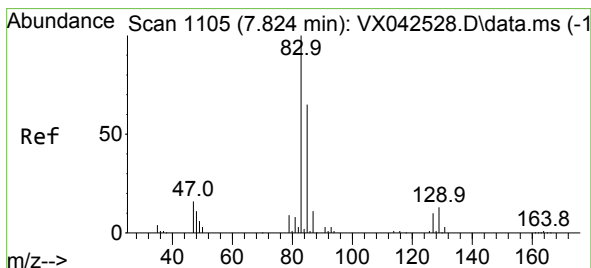
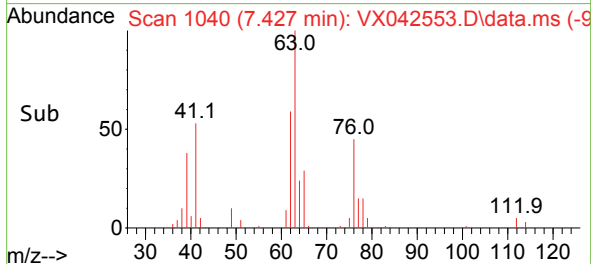
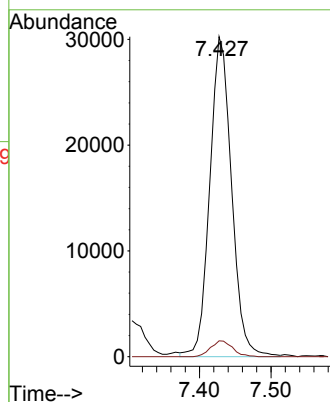
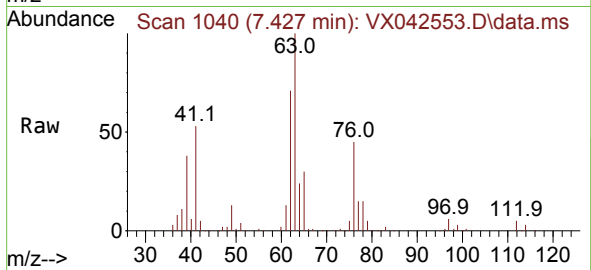




#37
1,2-Dichloropropane
Concen: 49.026 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

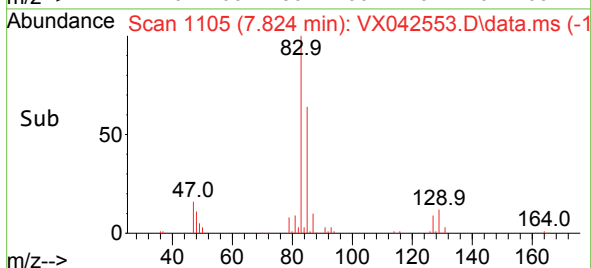
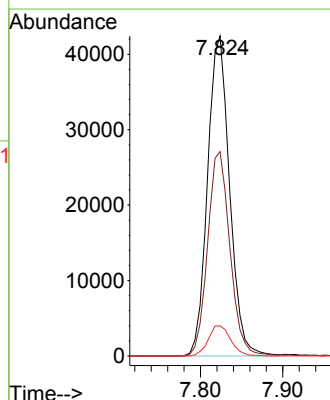
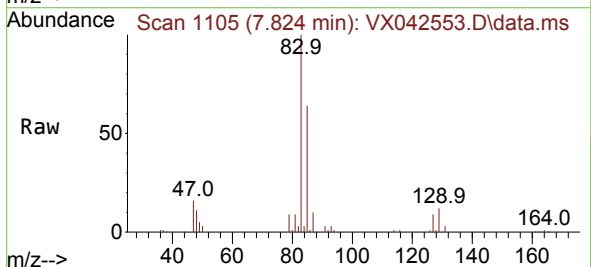
Instrument :
MSVOA_X
ClientSampleId :

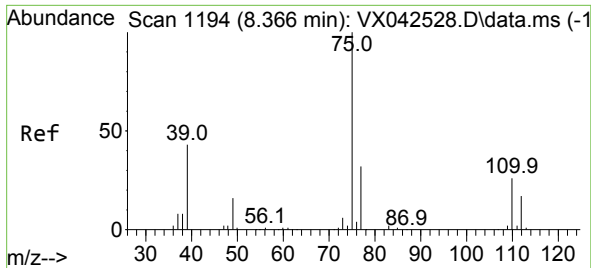
Tgt Ion: 63 Resp: 63984
Ion Ratio Lower Upper
63 100
112 5.0 4.3 6.5



#38
Bromodichloromethane
Concen: 49.499 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion: 83 Resp: 79108
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2
127 9.5 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 45.832 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

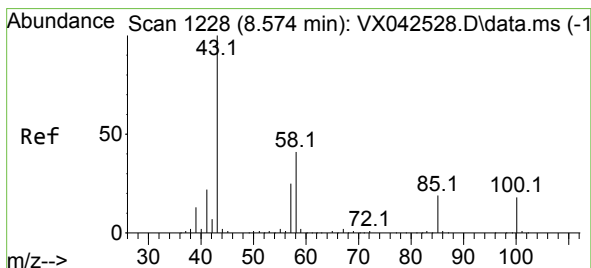
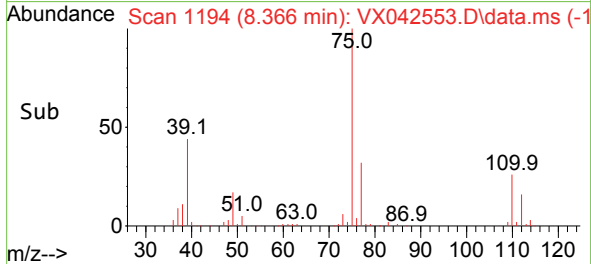
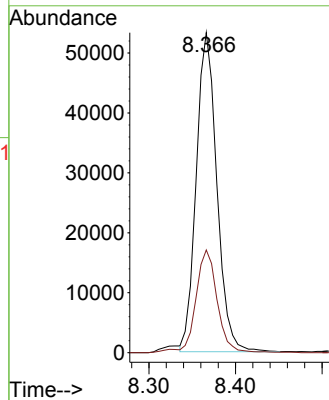
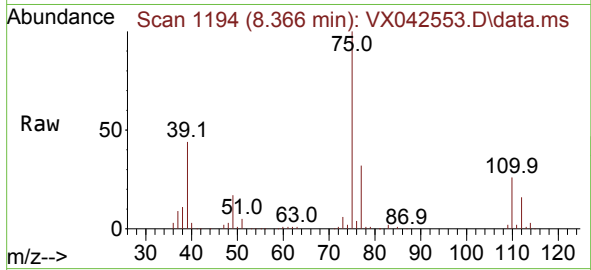
ClientSampleId :

Tgt Ion: 75 Resp: 88075

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 95.581 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

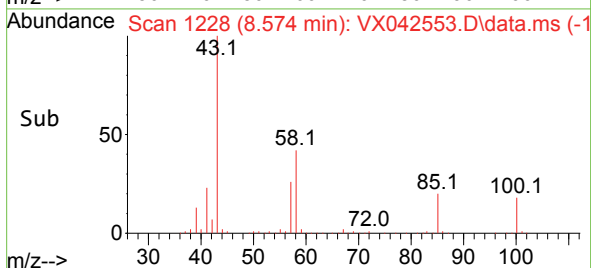
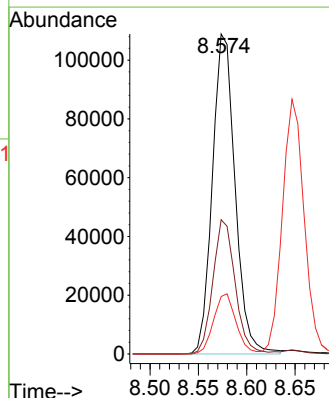
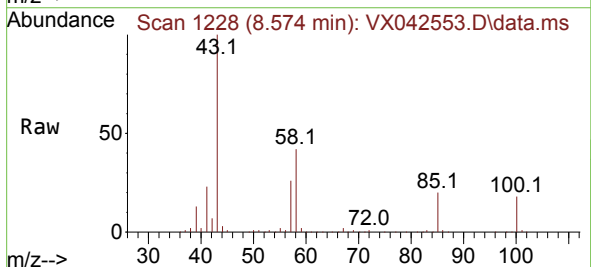
Tgt Ion: 43 Resp: 177923

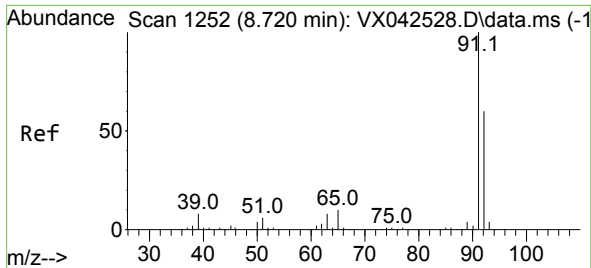
Ion Ratio Lower Upper

43 100

58 41.0 33.7 50.5

100 18.5 15.4 23.2





#42

Toluene

Concen: 49.588 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

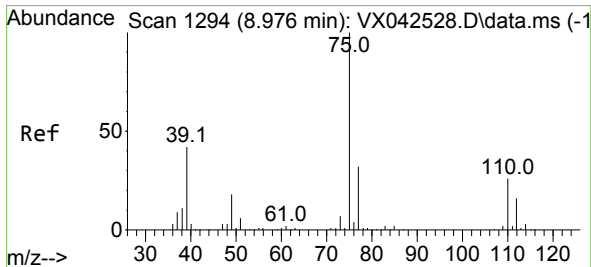
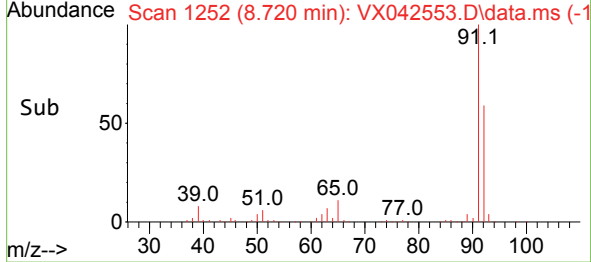
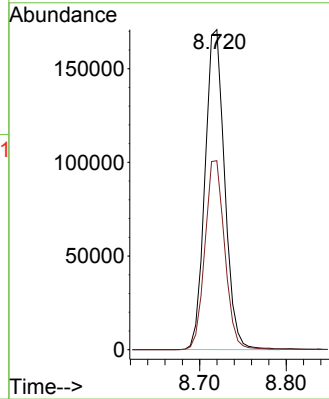
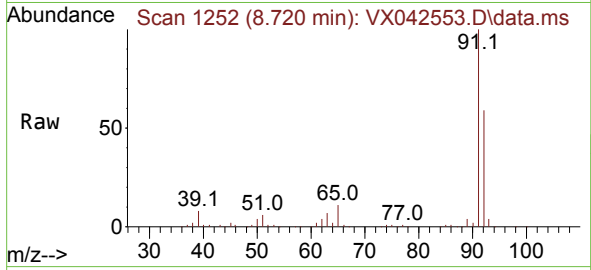
ClientSampleId :

Tgt Ion: 91 Resp: 269135

Ion Ratio Lower Upper

91 100

92 59.0 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 46.363 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042553.D

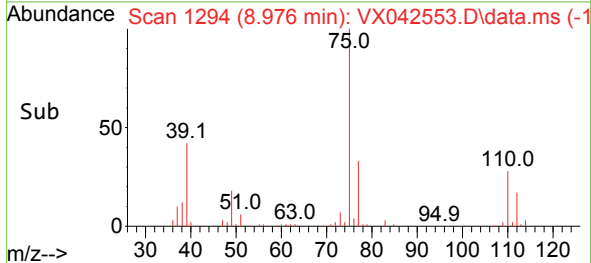
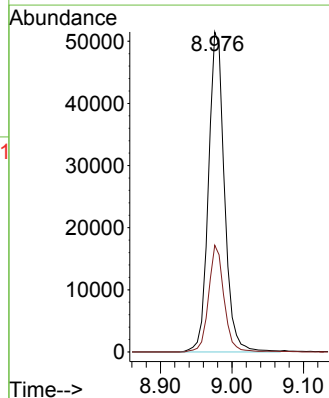
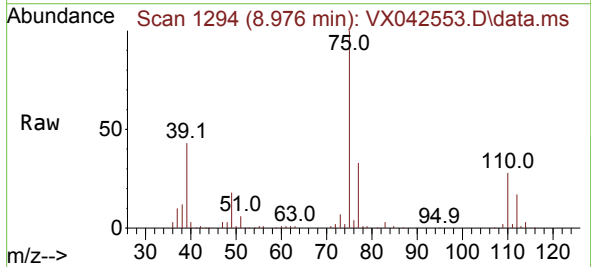
Acq: 25 Jul 2024 05:20

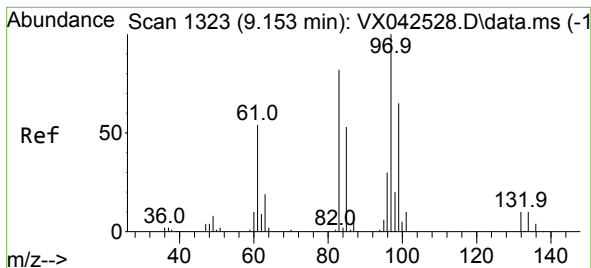
Tgt Ion: 75 Resp: 79881

Ion Ratio Lower Upper

75 100

77 33.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 49.505 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 69129

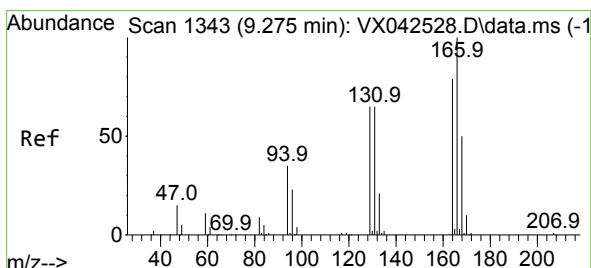
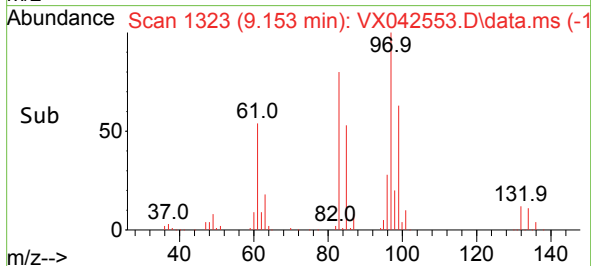
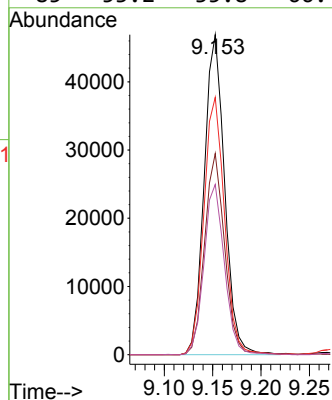
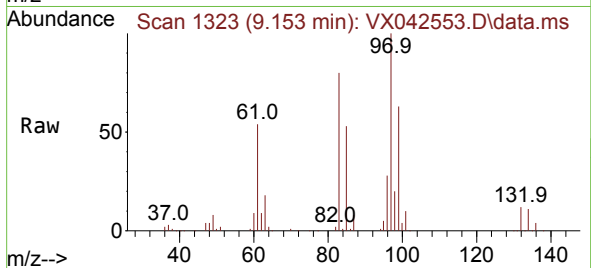
Ion Ratio Lower Upper

97 100

99 62.9 43.3 80.3

83 80.4 56.2 104.4

85 53.2 35.8 66.4



#46

Tetrachloroethene

Concen: 50.018 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Tgt Ion: 164 Resp: 62379

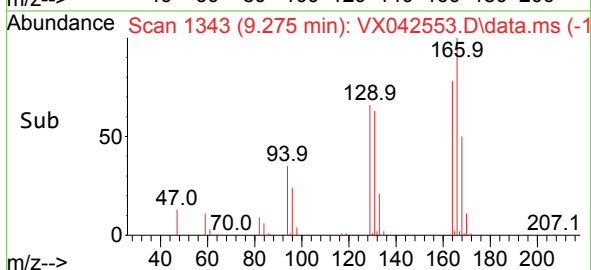
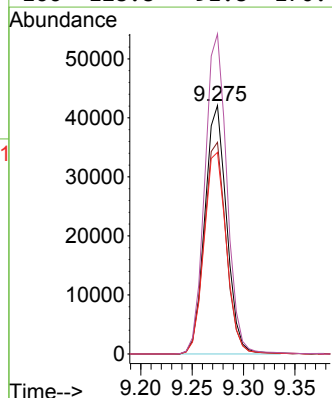
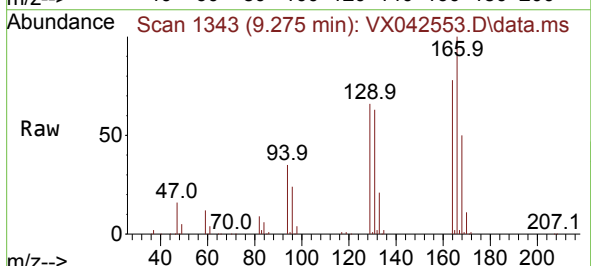
Ion Ratio Lower Upper

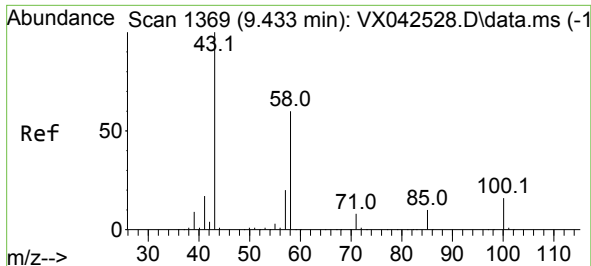
164 100

129 85.2 58.6 108.8

131 81.1 57.9 107.5

166 128.8 91.8 170.4



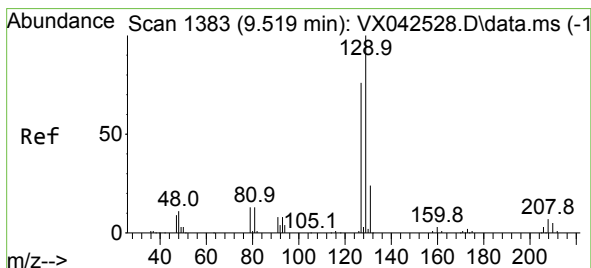
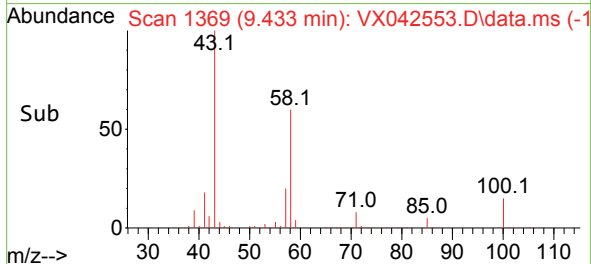
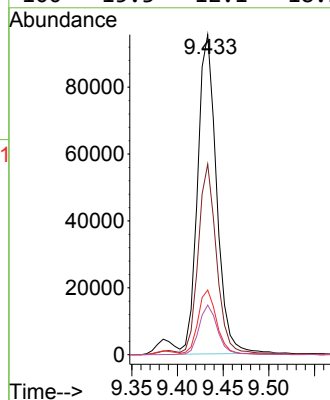
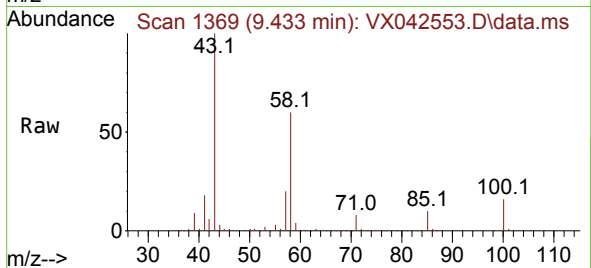


#48
2-Hexanone
Concen: 94.024 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 137449

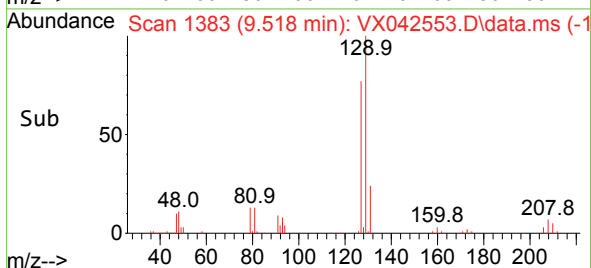
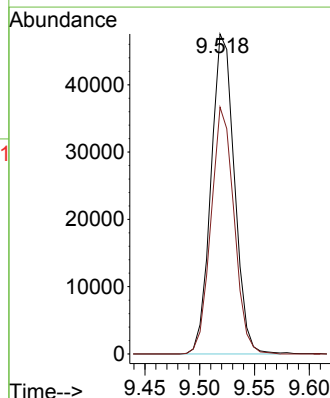
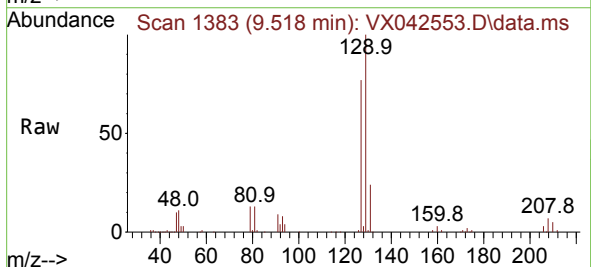
Ion	Ratio	Lower	Upper
43	100		
58	58.2	46.4	69.6
57	19.8	16.3	24.5
100	15.3	12.1	18.1

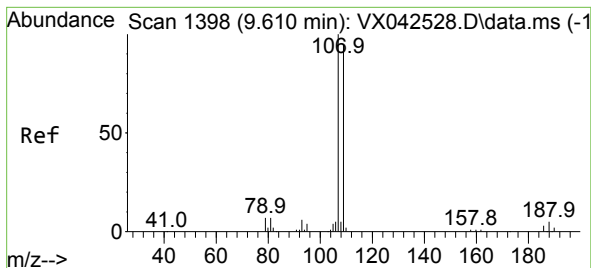


#49
Dibromochloromethane
Concen: 49.605 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion: 129 Resp: 70547

Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.7	99.7





#50

1,2-Dibromoethane

Concen: 48.533 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

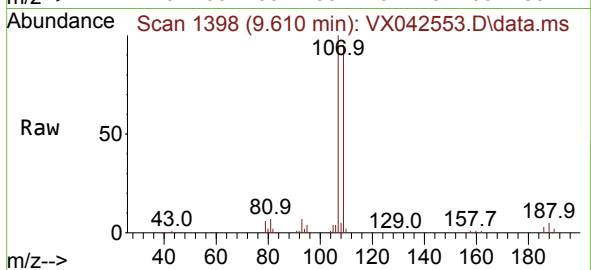
Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

ClientSampleId :



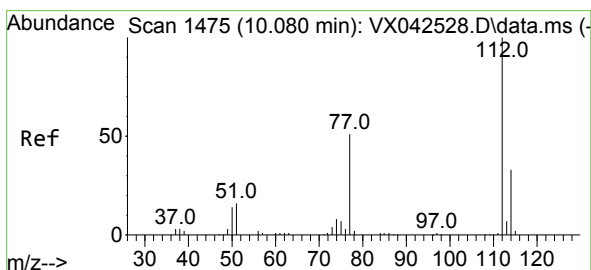
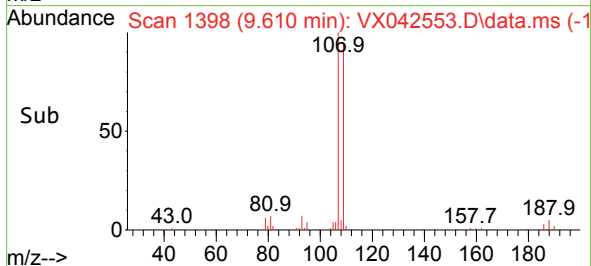
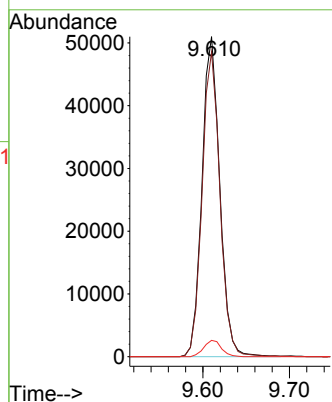
Tgt Ion:107 Resp: 72787

Ion Ratio Lower Upper

107 100

109 95.3 67.5 125.3

188 5.1 4.2 6.2



#51

Chlorobenzene

Concen: 49.118 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

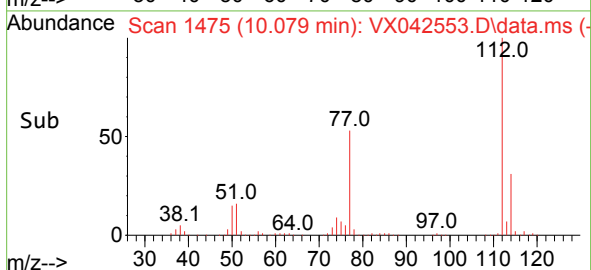
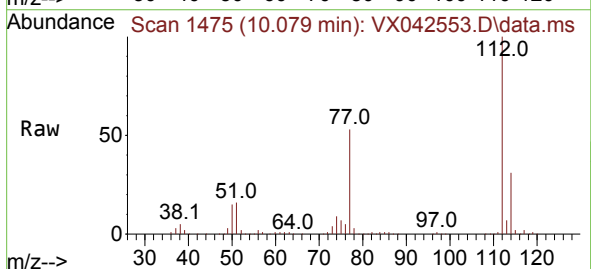
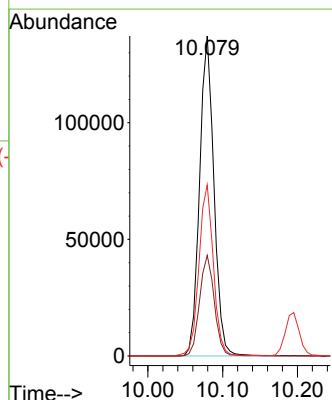
Tgt Ion:112 Resp: 182994

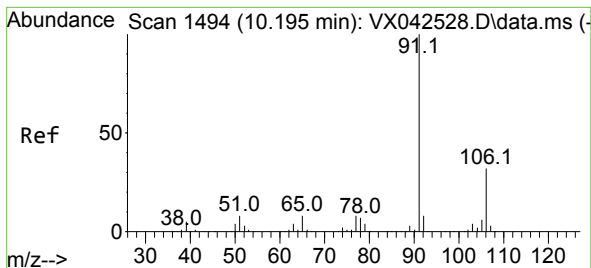
Ion Ratio Lower Upper

112 100

114 31.5 23.2 43.2

77 53.4 43.0 64.4

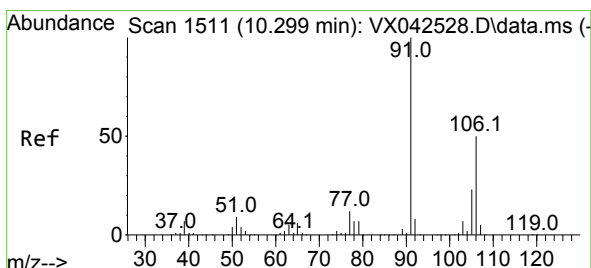
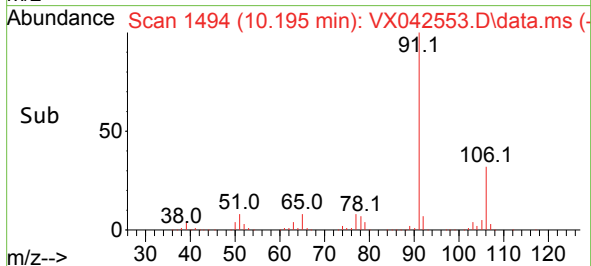
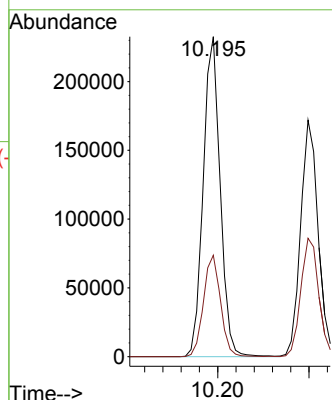
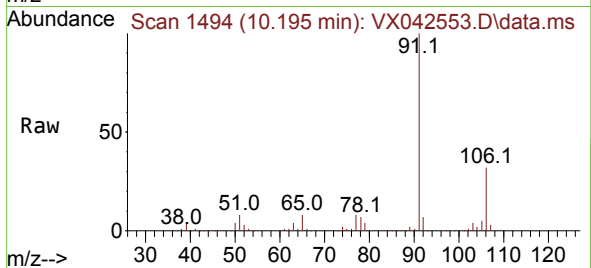




#52
Ethylbenzene
Concen: 50.684 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

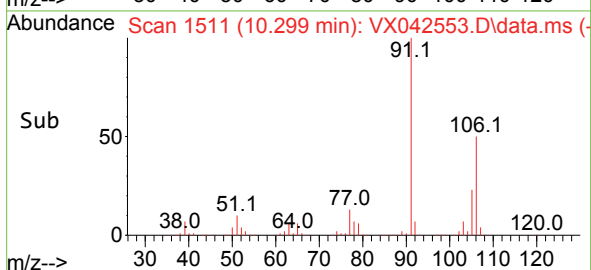
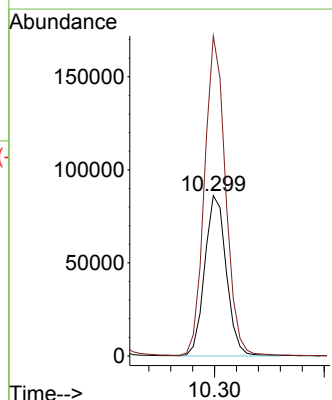
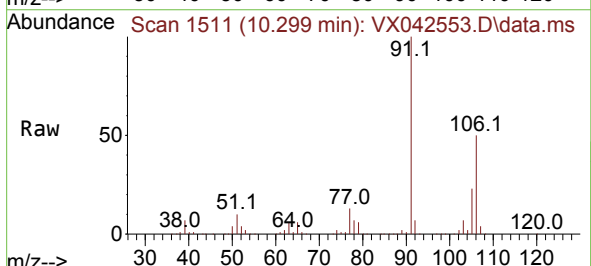
Instrument :
MSVOA_X
ClientSampleId :

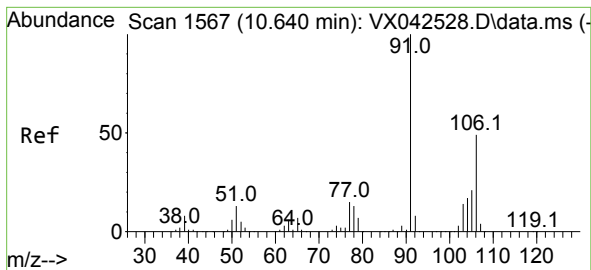
Tgt Ion: 91 Resp: 298933
Ion Ratio Lower Upper
91 100
106 31.7 23.1 42.9



#53
m,p-Xylene
Concen: 49.636 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion: 106 Resp: 117835
Ion Ratio Lower Upper
106 100
91 199.6 136.4 253.2





#54

o-Xylene

Concen: 49.292 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

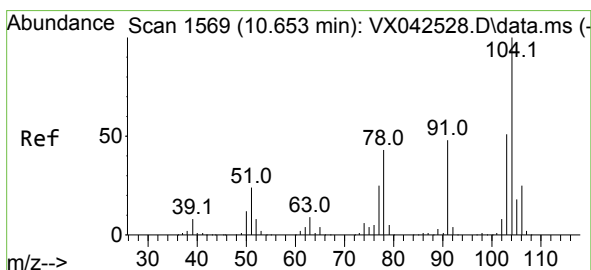
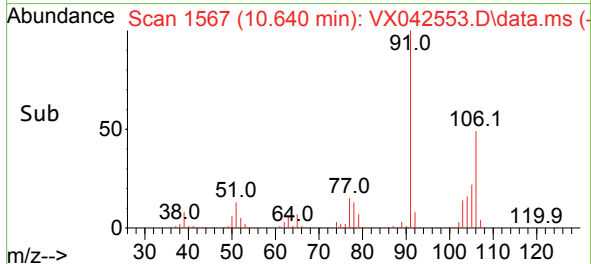
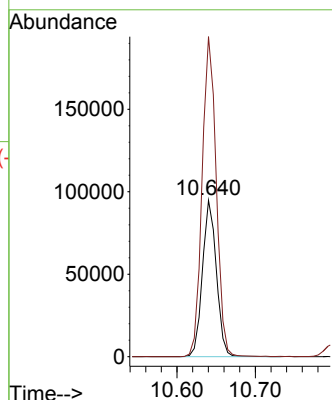
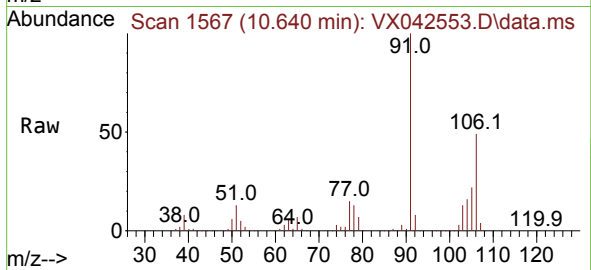
ClientSampleId :

Tgt Ion:106 Resp: 116890

Ion Ratio Lower Upper

106 100

91 204.7 143.4 266.2



#55

Styrene

Concen: 49.951 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX042553.D

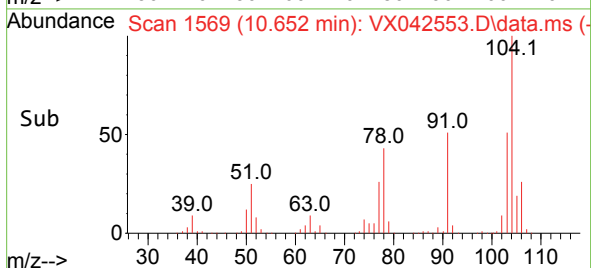
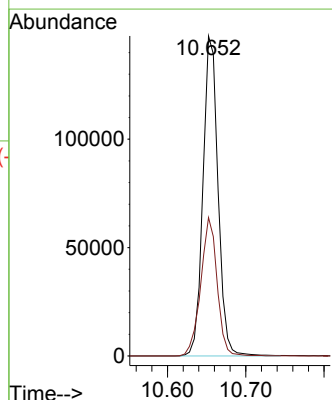
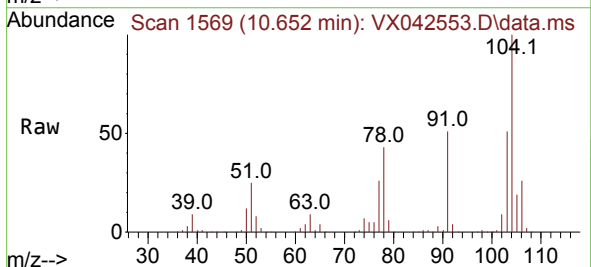
Acq: 25 Jul 2024 05:20

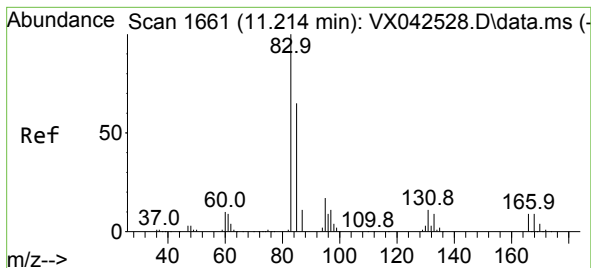
Tgt Ion:104 Resp: 197373

Ion Ratio Lower Upper

104 100

78 43.3 29.5 54.9





#57

1,1,2,2-Tetrachloroethane

Concen: 46.448 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

ClientSampleId :

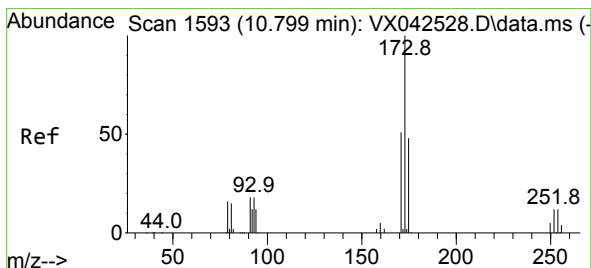
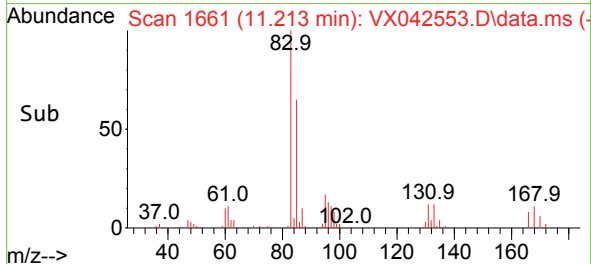
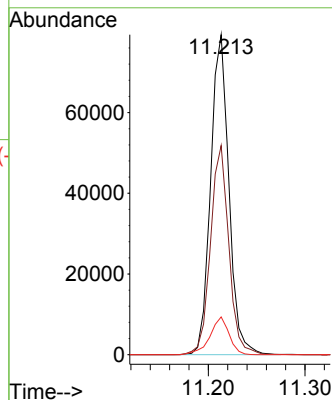
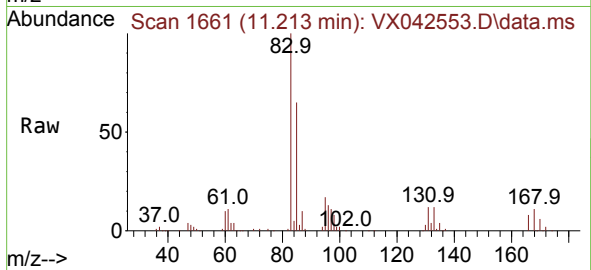
Tgt Ion: 83 Resp: 104103

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7

131 11.8 9.0 13.4



#59

Bromoform

Concen: 46.760 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

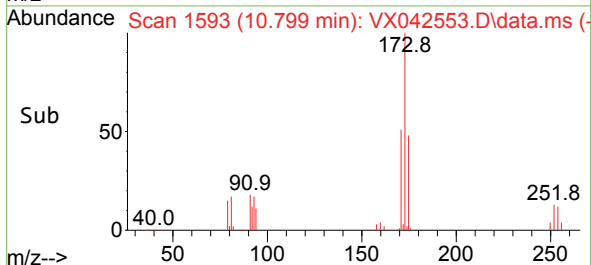
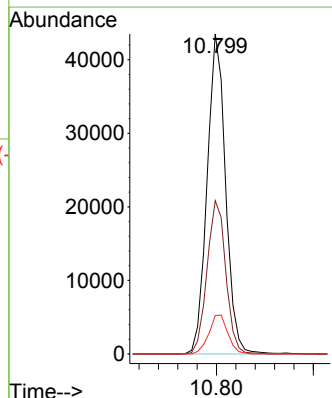
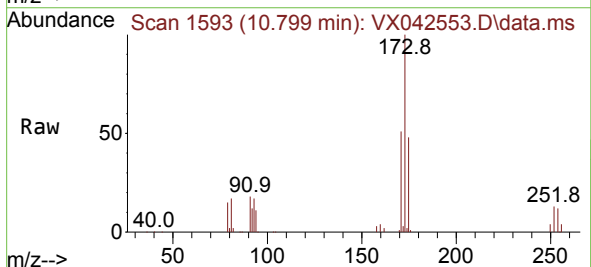
Tgt Ion:173 Resp: 57823

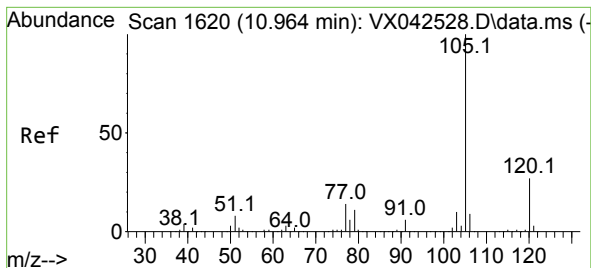
Ion Ratio Lower Upper

173 100

175 48.6 39.5 59.3

254 12.5 10.6 15.8





#60

Isopropylbenzene

Concen: 49.015 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

ClientSampleId :

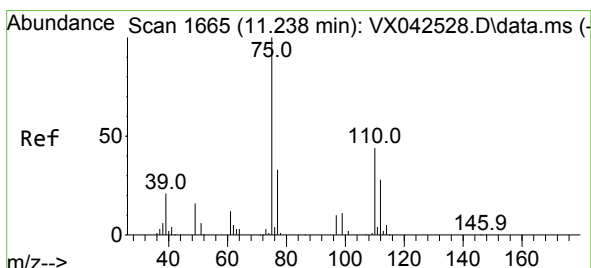
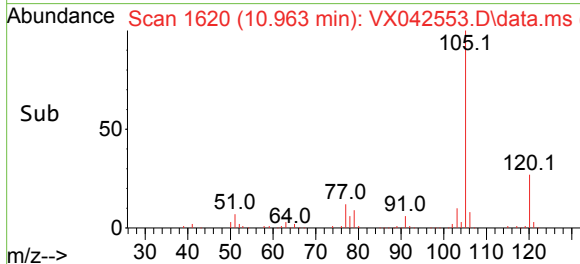
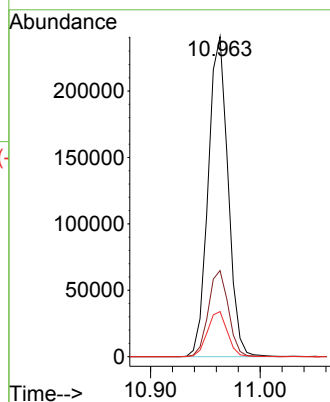
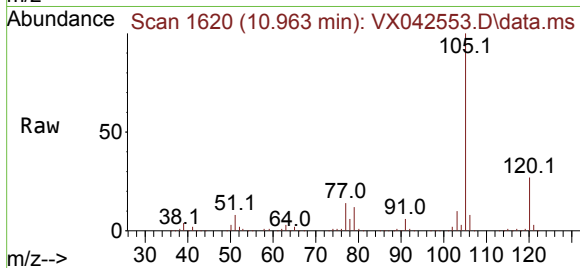
Tgt Ion:105 Resp: 302743

Ion Ratio Lower Upper

105 100

120 27.3 22.0 33.0

77 14.2 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 46.771 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

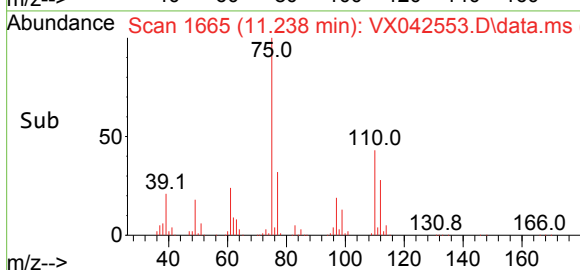
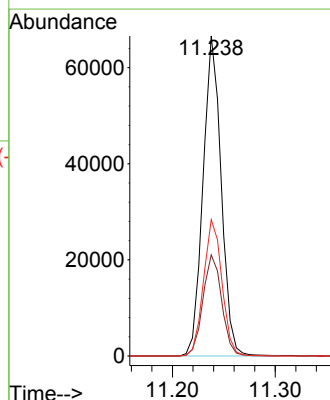
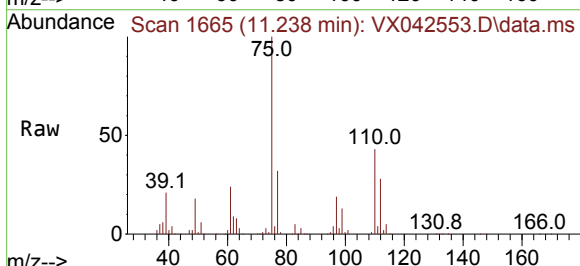
Tgt Ion: 75 Resp: 81933

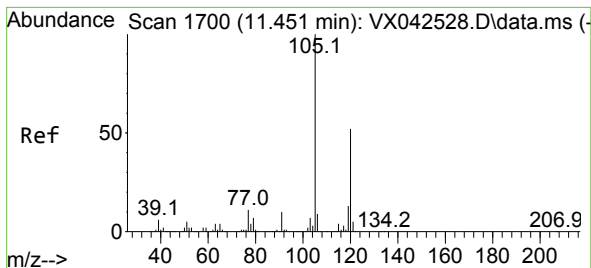
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8

110 43.2 35.4 53.0





#62

1,3,5-Trimethylbenzene

Concen: 48.721 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

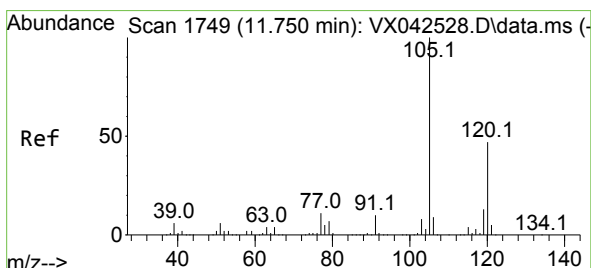
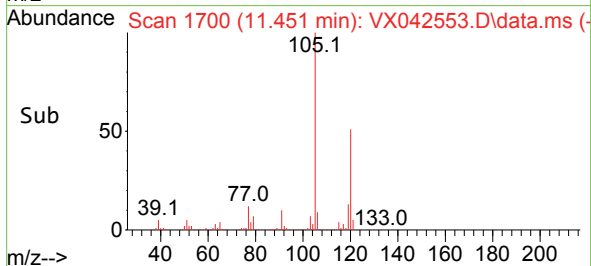
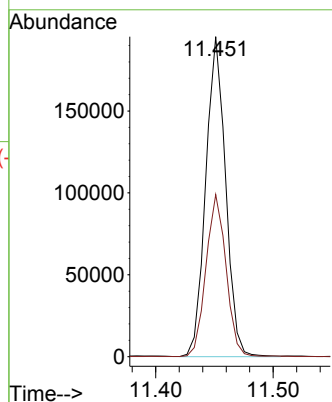
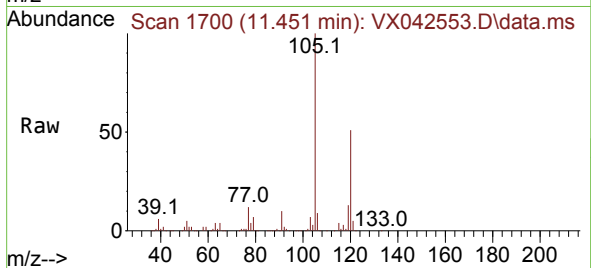
ClientSampleId :

Tgt Ion:105 Resp: 228828

Ion Ratio Lower Upper

105 100

120 51.0 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 49.104 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042553.D

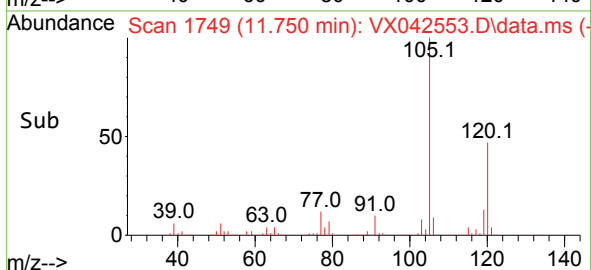
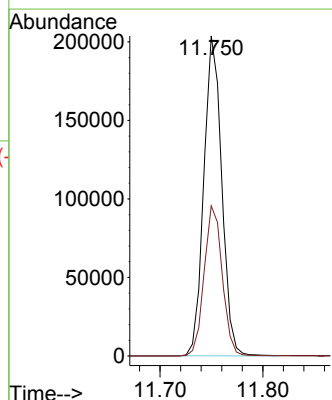
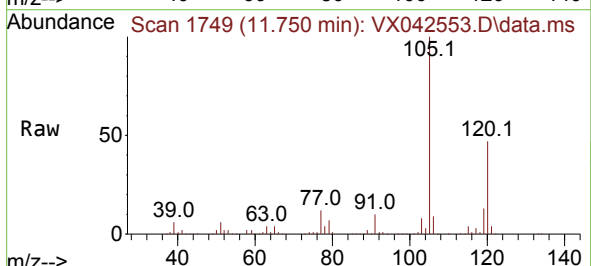
Acq: 25 Jul 2024 05:20

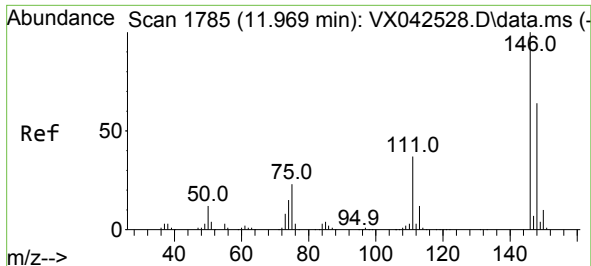
Tgt Ion:105 Resp: 247166

Ion Ratio Lower Upper

105 100

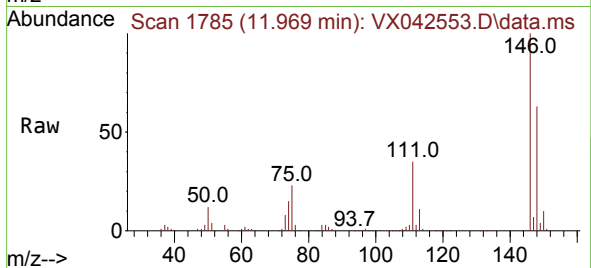
120 47.5 38.4 57.6



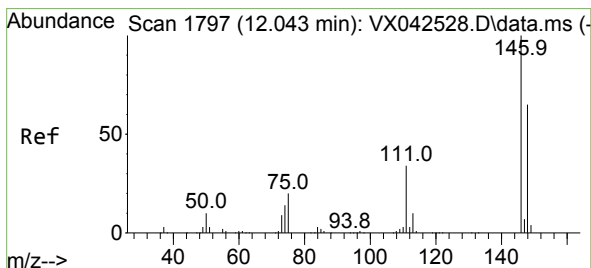
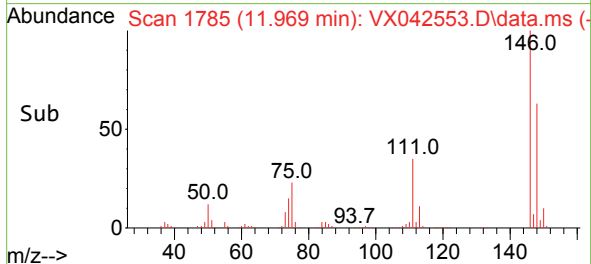
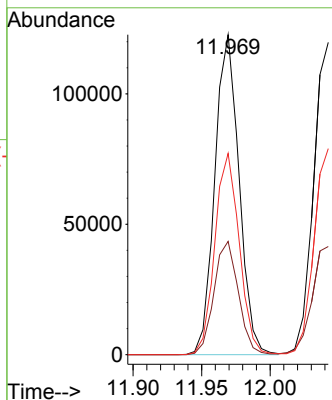


#64
1,3-Dichlorobenzene
Concen: 48.691 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Instrument :
MSVOA_X
ClientSampleId :

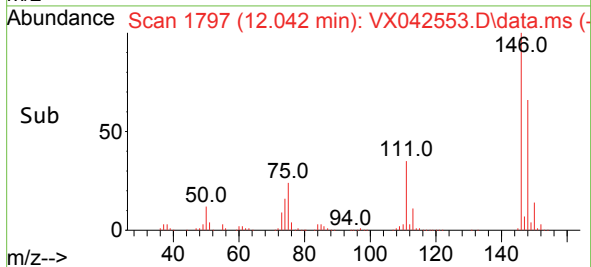
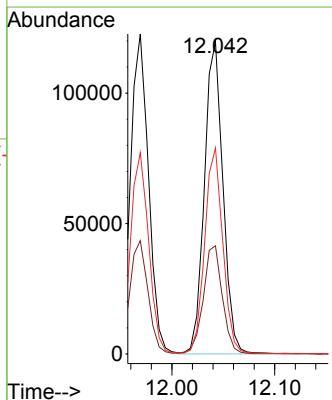
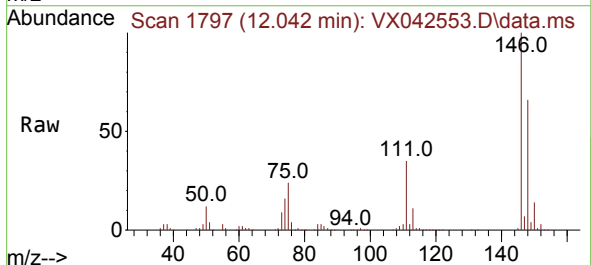


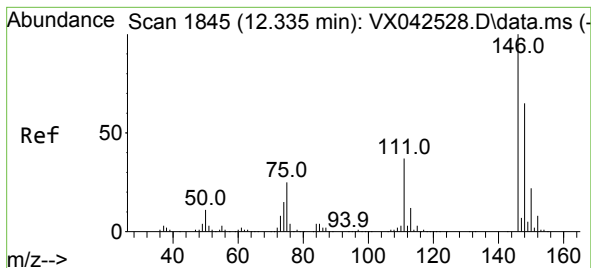
Tgt Ion:146 Resp: 150826
Ion Ratio Lower Upper
146 100
111 35.4 24.8 46.1
148 62.9 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 47.982 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion:146 Resp: 150347
Ion Ratio Lower Upper
146 100
111 34.6 23.9 44.3
148 66.0 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 47.445 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

ClientSampleId :

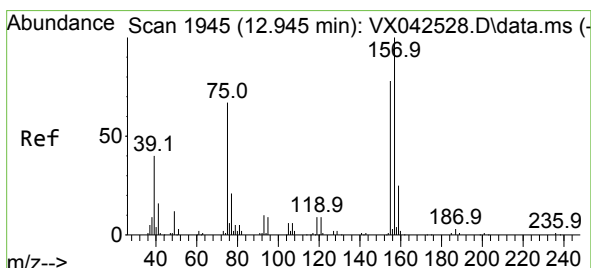
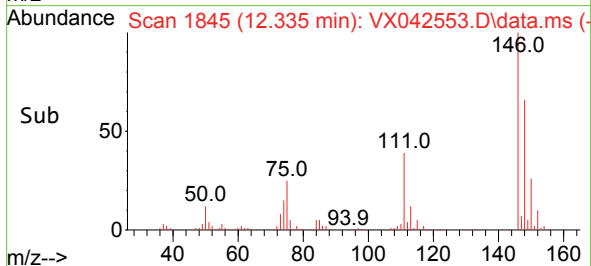
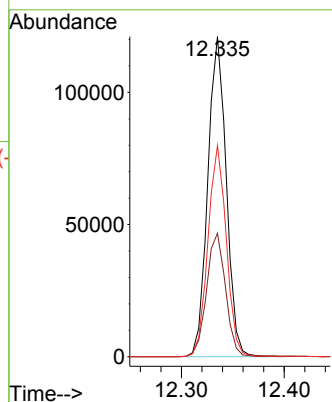
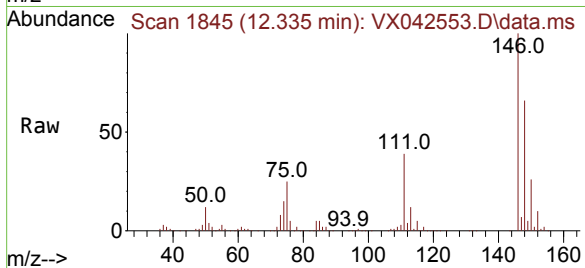
Tgt Ion:146 Resp: 151287

Ion Ratio Lower Upper

146 100

111 38.6 30.2 45.2

148 66.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 46.383 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

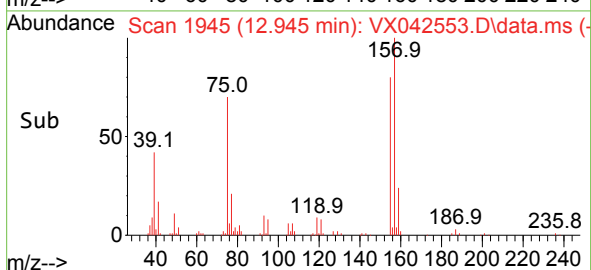
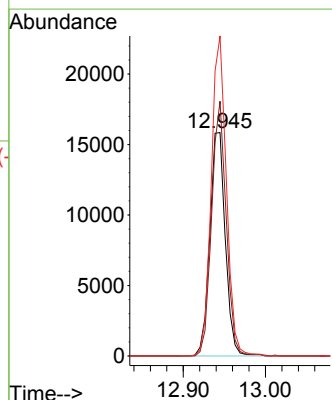
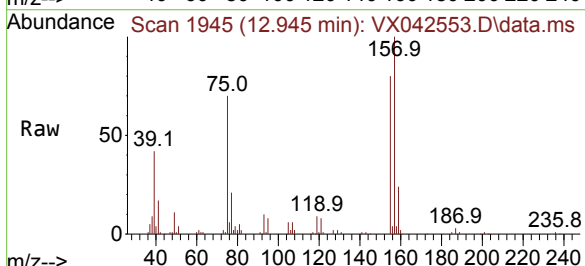
Tgt Ion: 75 Resp: 20800

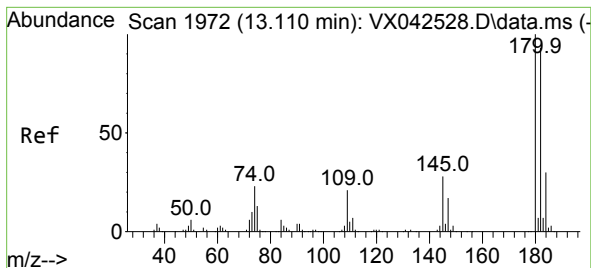
Ion Ratio Lower Upper

75 100

155 114.1 90.4 135.6

157 143.3 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 49.265 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

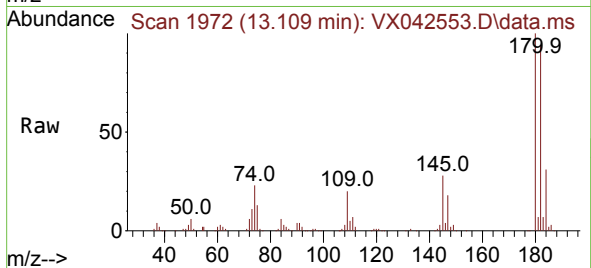
Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 110879

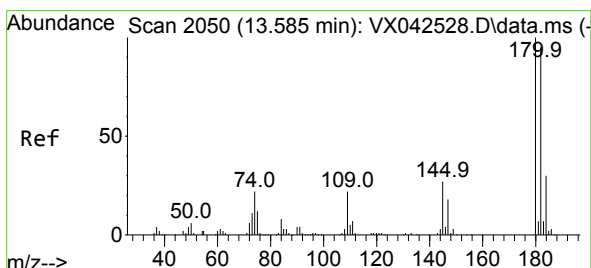
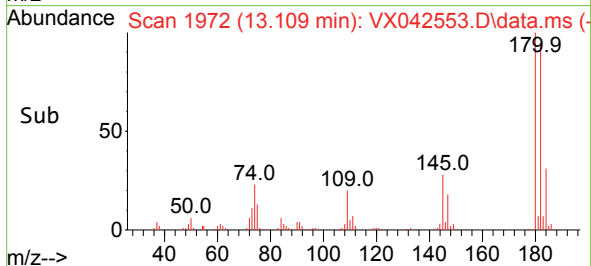
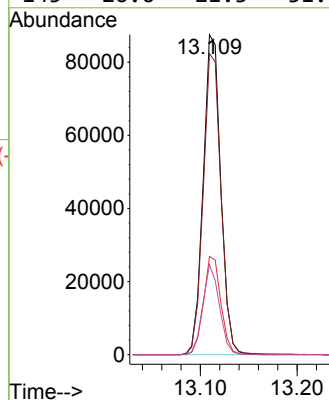
Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.6

184 30.3 24.7 37.1

145 26.6 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 47.536 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042553.D

Acq: 25 Jul 2024 05:20

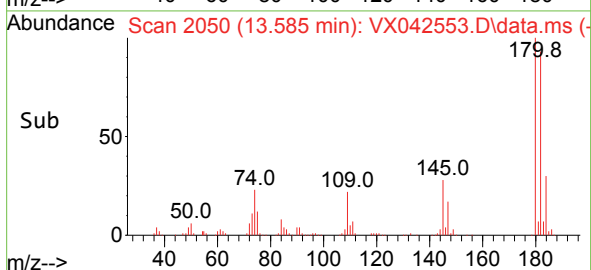
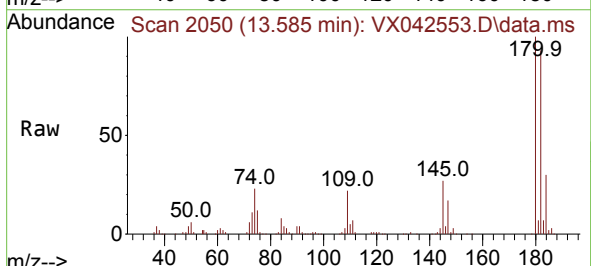
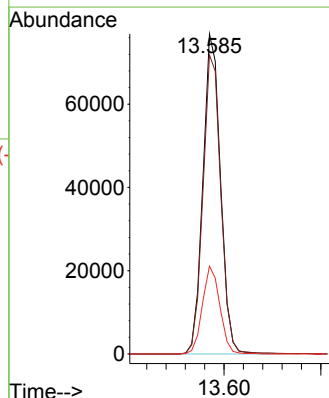
Tgt Ion:180 Resp: 97311

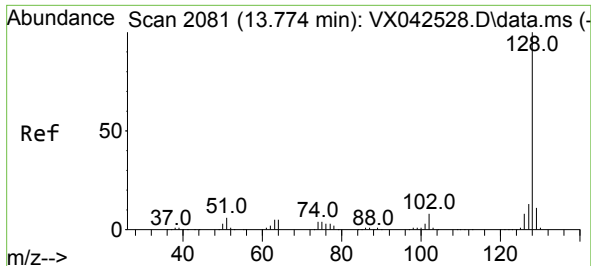
Ion Ratio Lower Upper

180 100

182 94.6 77.8 116.6

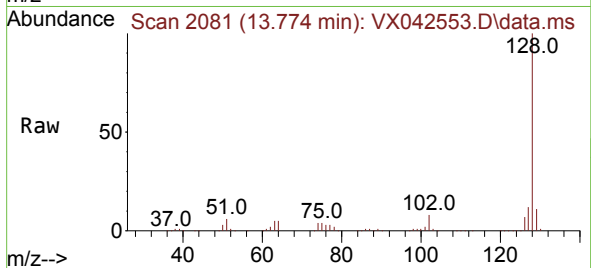
145 27.2 21.8 32.8



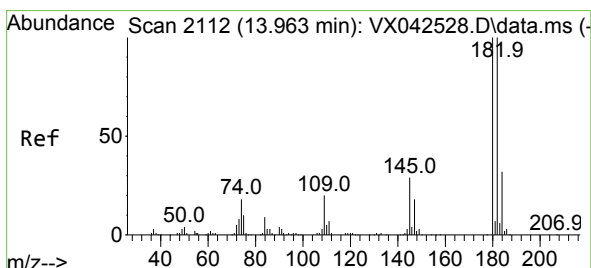
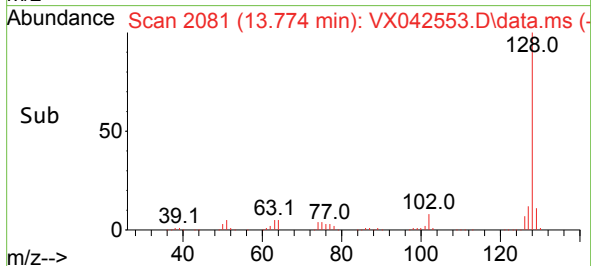
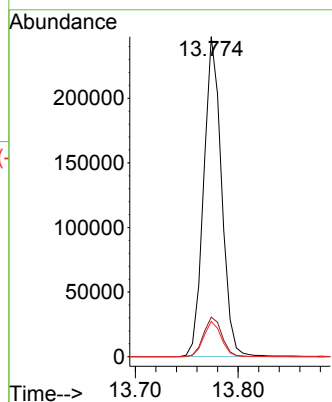


#71
Naphthalene
Concen: 47.169 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 298499
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 47.156 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042553.D
Acq: 25 Jul 2024 05:20

Tgt Ion:180 Resp: 102004
Ion Ratio Lower Upper
180 100
182 97.6 76.2 114.4
145 30.2 23.0 34.6

