

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072524\
 Data File : VX042528.D
 Acq On : 24 Jul 2024 19:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 25 04:42:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 01:37:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	181677	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	174945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93644	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	39749	37.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.180%
7) Chloroethane-d5	1.648	69	27666	41.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.100%
11) 1,1-Dichloroethene-d2	2.300	65	21652	46.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.560%
21) 2-Butanone-d5	4.465	46	81193	106.544	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.540%
24) Chloroform-d	5.056	84	112852	53.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.160%
26) 1,2-Dichloroethane-d4	5.958	65	69111	55.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.140%
32) Benzene-d6	5.971	84	217637	48.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
36) 1,2-Dichloropropane-d6	7.306	67	67546	49.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.280%
41) Toluene-d8	8.647	98	207664	49.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	8.952	79	29916	50.865	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.740%
47) 2-Hexanone-d5	9.385	63	64683	104.715	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.710%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101581	50.491	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.980%
66) 1,2-Dichlorobenzene-d4	12.317	152	92911	51.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	58240	44.817	ug/L	99
3) Chloromethane	1.301	50	48457	36.899	ug/L	99
5) Vinyl chloride	1.374	62	46166	35.742	ug/L	99
6) Bromomethane	1.599	94	25554	36.308	ug/L	98
8) Chloroethane	1.666	64	25268	39.247	ug/L	96
9) Trichlorofluoromethane	1.874	101	75115	44.684	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	59493	51.353	ug/L	99
12) 1,1-Dichloroethene	2.313	96	50637	46.145	ug/L	86
13) Acetone	2.386	43	55597	106.945	ug/L	100
14) Carbon disulfide	2.502	76	83363	30.536	ug/L	100
15) Methyl Acetate	2.709	43	69238	52.418	ug/L	99
16) Methylene chloride	2.788	84	61770	45.624	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	52794	46.776	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	201765	54.666	ug/L	99
19) 1,1-Dichloroethane	3.605	63	107972	53.273	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	68664	51.784	ug/L	97
22) 2-Butanone	4.568	43	98699	113.420	ug/L	99
23) Bromochloromethane	4.904	128	36736	51.841	ug/L	98
25) Chloroform	5.093	83	119283	56.131	ug/L	99

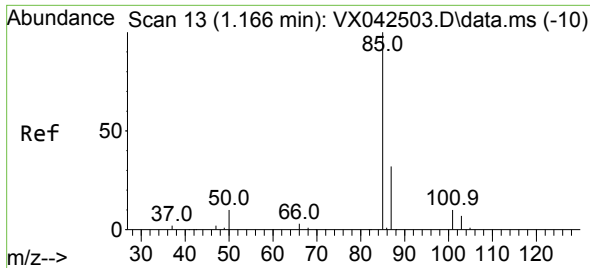
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	89471	56.813	ug/L	98
29) Cyclohexane	5.465	56	79755	42.183	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	101219	53.143	ug/L	99
31) Carbon tetrachloride	5.672	117	87647	52.682	ug/L	99
33) Benzene	6.038	78	236057	48.252	ug/L	100
34) Trichloroethene	7.123	95	64678	50.471	ug/L	96
35) Methylcyclohexane	7.379	83	88867	45.736	ug/L	99
37) 1,2-Dichloropropane	7.428	63	65748	52.378	ug/L	99
38) Bromodichloromethane	7.824	83	84837	55.192	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	98681	53.391	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	199353	111.345	ug/L	99
42) Toluene	8.720	91	264052	50.584	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	90895	54.851	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	73617	54.812	ug/L	97
46) Tetrachloroethene	9.275	164	59851	49.897	ug/L	98
48) 2-Hexanone	9.433	43	151396	107.678	ug/L	99
49) Dibromochloromethane	9.519	129	75848	55.450	ug/L	99
50) 1,2-Dibromoethane	9.610	107	76073	52.738	ug/L	98
51) Chlorobenzene	10.080	112	185358	51.728	ug/L	98
52) Ethylbenzene	10.195	91	295775	52.140	ug/L	99
53) m,p-Xylene	10.299	106	118970	52.104	ug/L	97
54) o-Xylene	10.640	106	120854	52.988	ug/L	99
55) Styrene	10.653	104	203817	53.630	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	114849	53.278	ug/L	99
59) Bromoform	10.799	173	64120	54.626	ug/L	99
60) Isopropylbenzene	10.964	105	315549	53.821	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	88366	53.142	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	237285	53.224	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	255749	53.527	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	156401	53.192	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	157194	52.851	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	161478	53.350	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	23686	55.644	ug/L	98
69) 1,3,5-Trichlorobenzene	13.110	180	117616	55.054	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	106434	54.774	ug/L	98
71) Naphthalene	13.774	128	334806	55.736	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	112632	54.854	ug/L	97

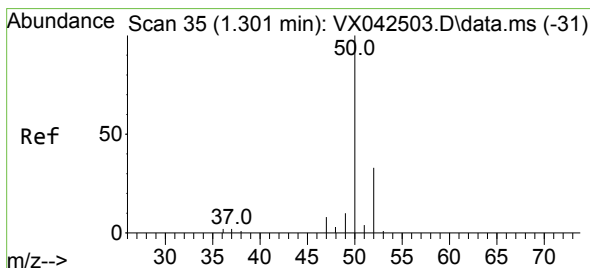
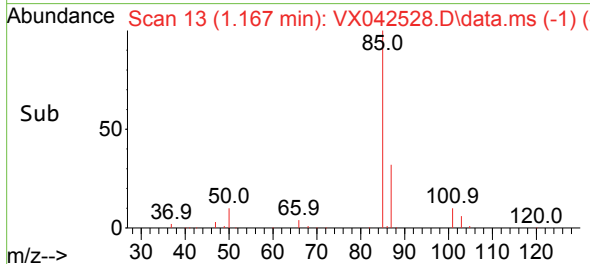
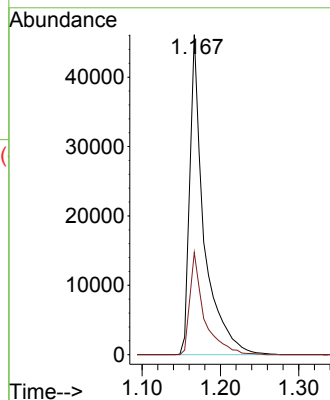
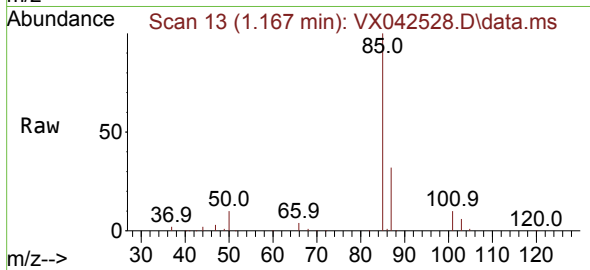
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#2
Dichlorodifluoromethane
Concen: 44.817 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

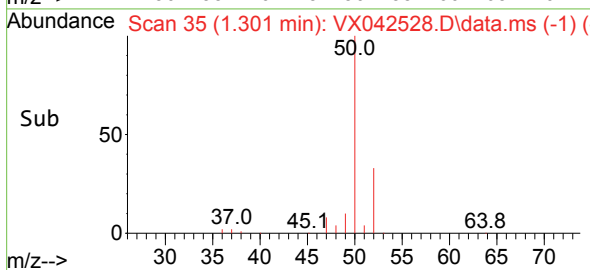
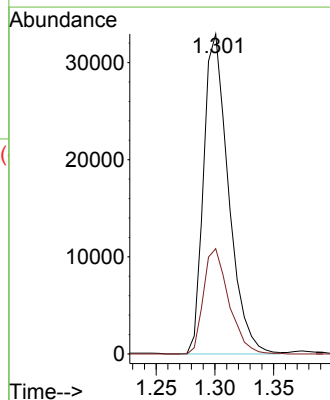
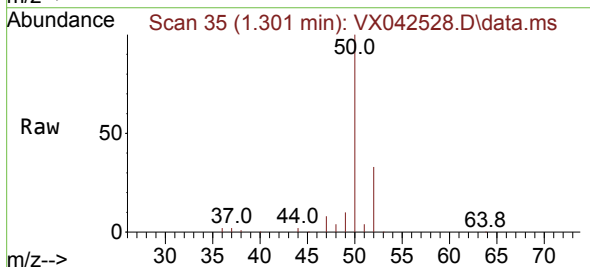
Instrument :
MSVOA_X
ClientSampleId :

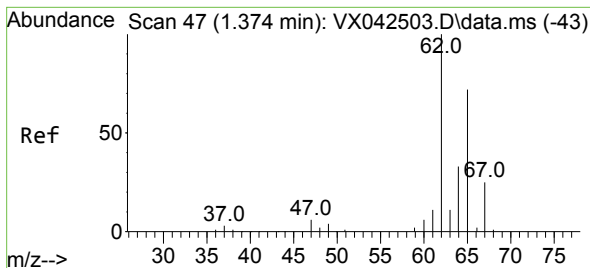
Tgt Ion: 85 Resp: 58240
Ion Ratio Lower Upper
85 100
87 32.0 26.0 39.0



#3
Chloromethane
Concen: 36.899 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion: 50 Resp: 48457
Ion Ratio Lower Upper
50 100
52 32.9 23.5 43.7





#5

Vinyl chloride

Concen: 35.742 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

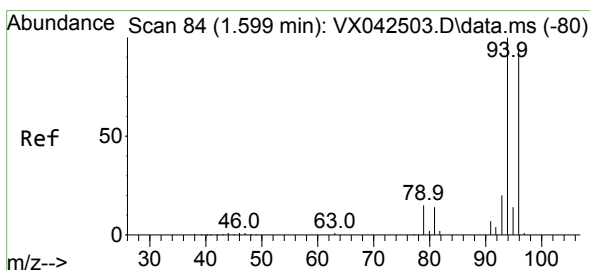
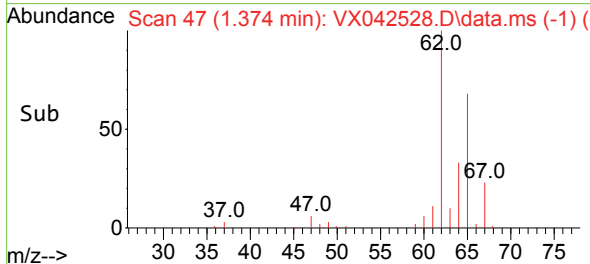
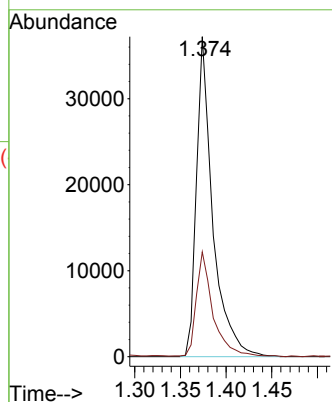
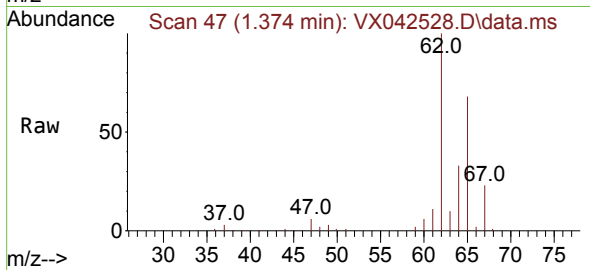
ClientSampleId :

Tgt Ion: 62 Resp: 46166

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.0



#6

Bromomethane

Concen: 36.308 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042528.D

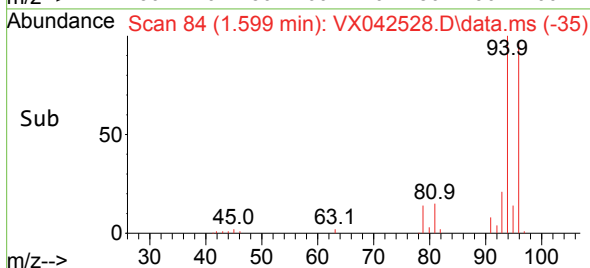
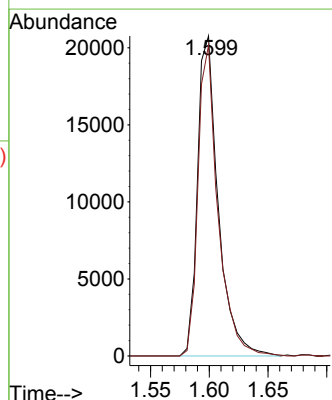
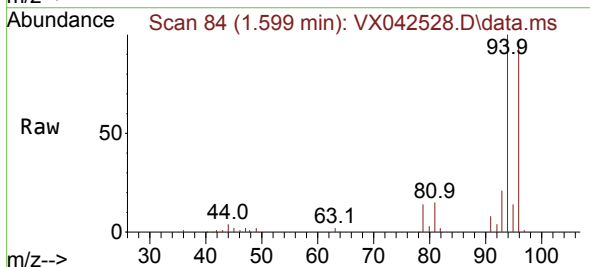
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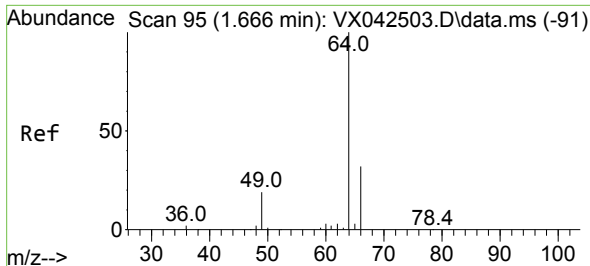
Tgt Ion: 94 Resp: 25554

Ion Ratio Lower Upper

94 100

96 97.1 66.4 123.4

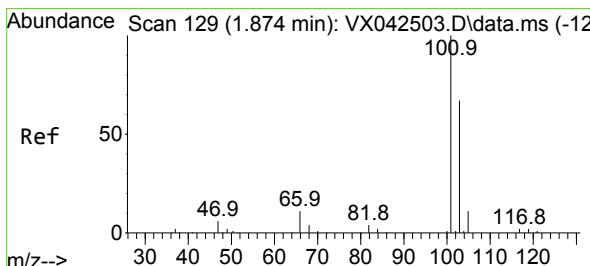
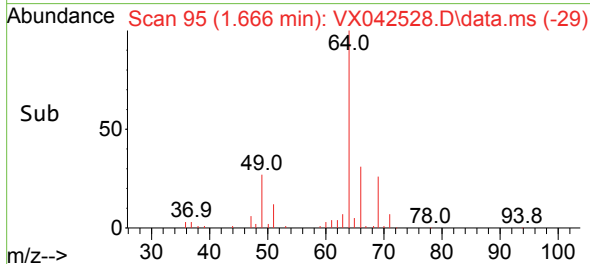
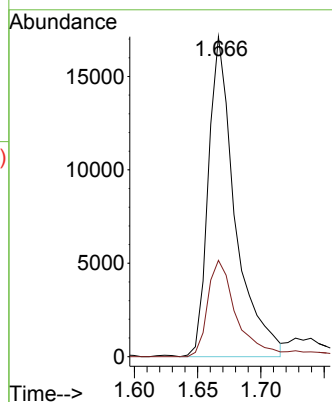
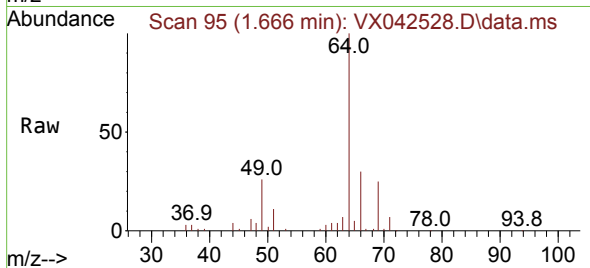




#8
Chloroethane
Concen: 39.247 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

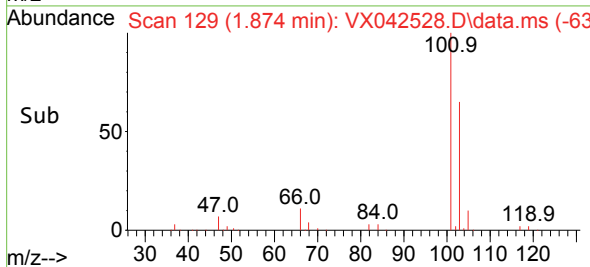
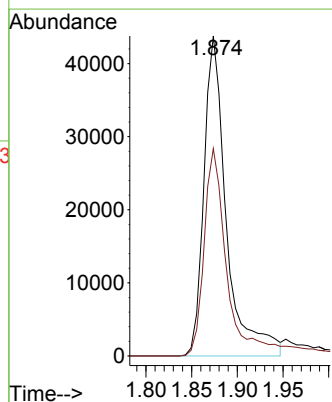
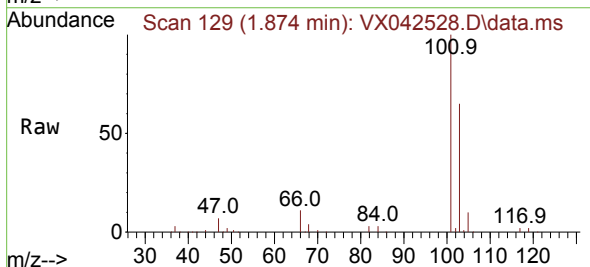
Instrument :
MSVOA_X
ClientSampleId :

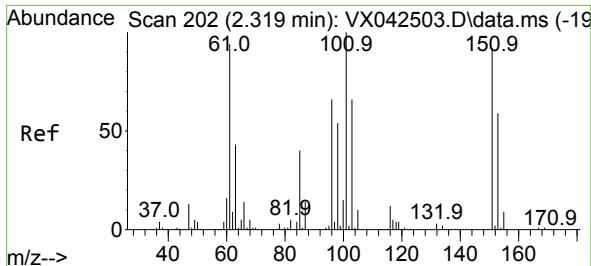
Tgt Ion: 64 Resp: 25268
Ion Ratio Lower Upper
64 100
66 30.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 44.684 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion: 101 Resp: 75115
Ion Ratio Lower Upper
101 100
103 64.7 50.2 75.4





#10

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

Concen: 51.353 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

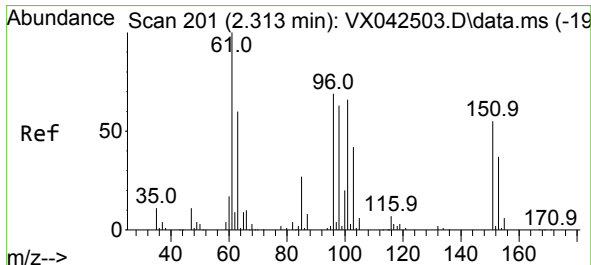
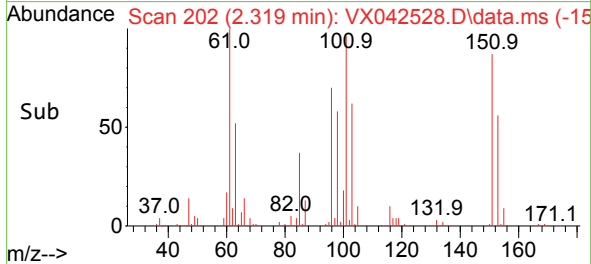
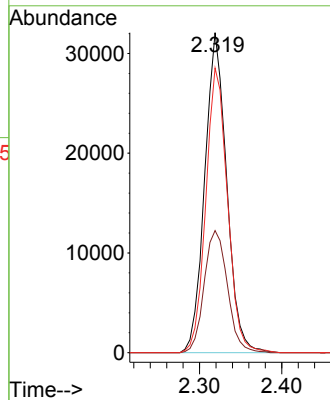
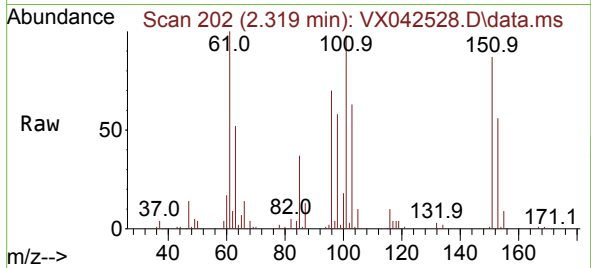
Tgt Ion:101 Resp: 59493

Ion Ratio Lower Upper

101 100

85 40.4 31.3 46.9

151 88.0 69.7 104.5



#12

1,1-Dichloroethene

Concen: 46.145 ug/L

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

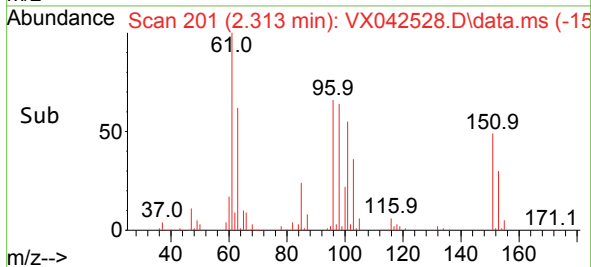
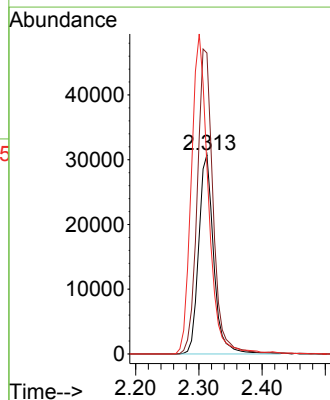
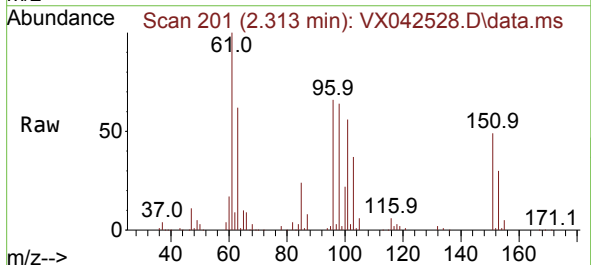
Tgt Ion: 96 Resp: 50637

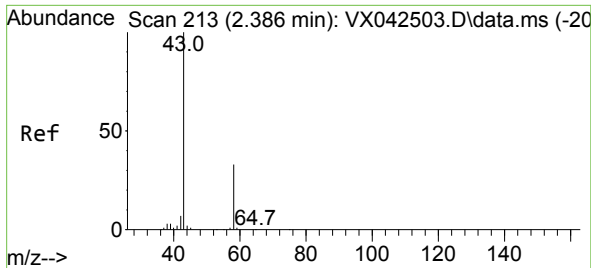
Ion Ratio Lower Upper

96 100

61 151.1 106.7 198.1

63 94.4 89.2 165.6





#13

Acetone

Concen: 106.945 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

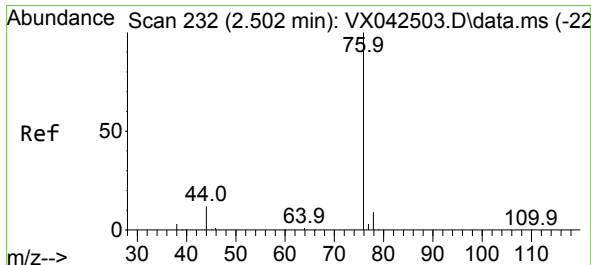
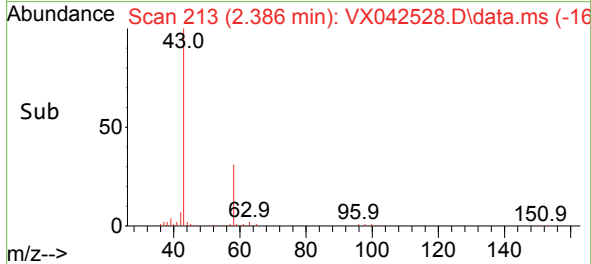
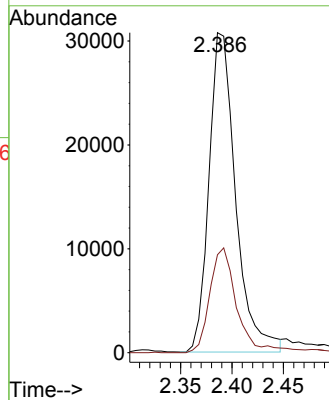
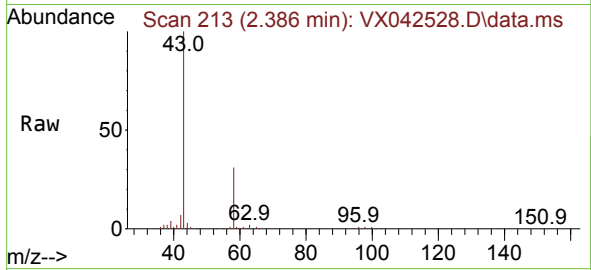
ClientSampleId :

Tgt Ion: 43 Resp: 55597

Ion Ratio Lower Upper

43 100

58 31.5 0.0 62.6



#14

Carbon disulfide

Concen: 30.536 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX042528.D

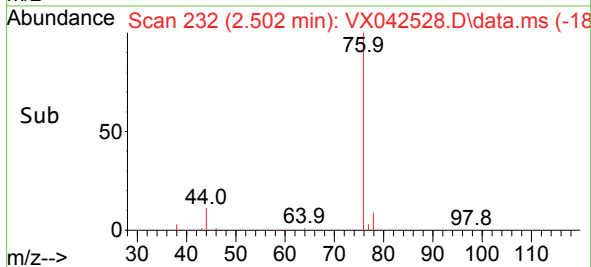
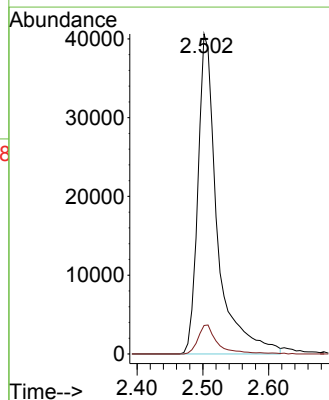
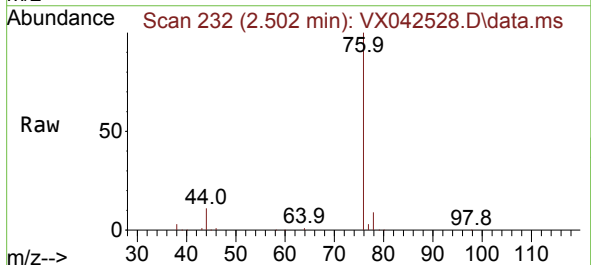
Acq: 24 Jul 2024 19:20

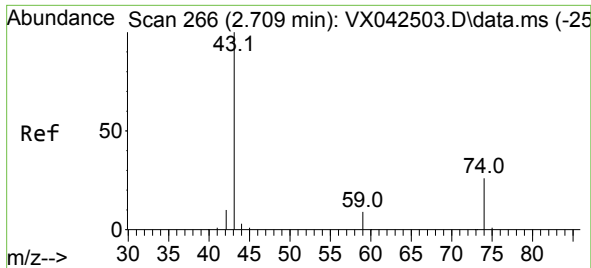
Tgt Ion: 76 Resp: 83363

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methyl Acetate

Concen: 52.418 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

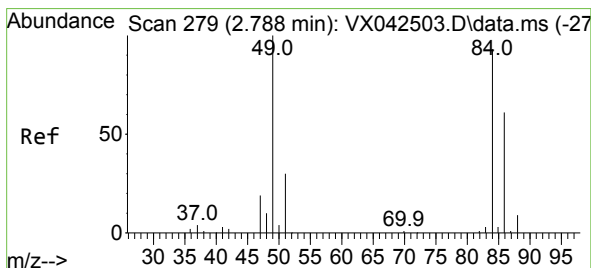
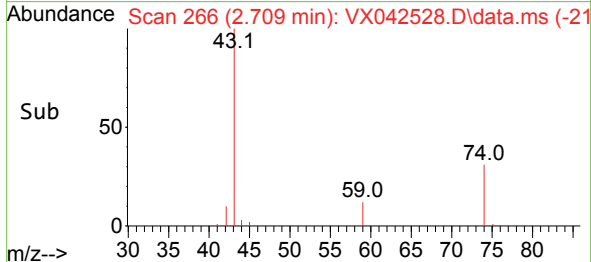
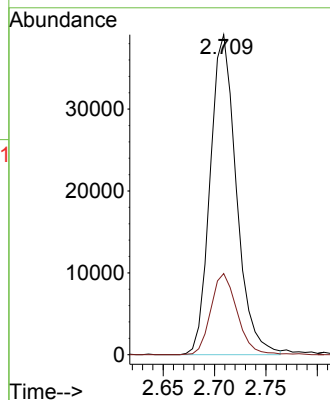
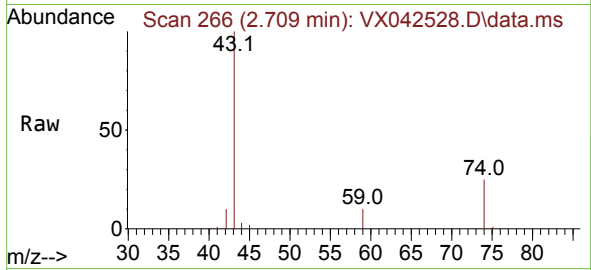
ClientSampleId :

Tgt Ion: 43 Resp: 69238

Ion Ratio Lower Upper

43 100

74 25.5 20.1 30.1



#16

Methylene chloride

Concen: 45.624 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

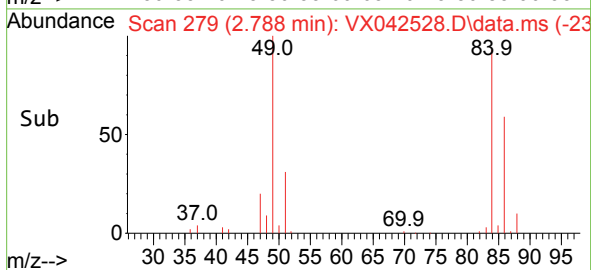
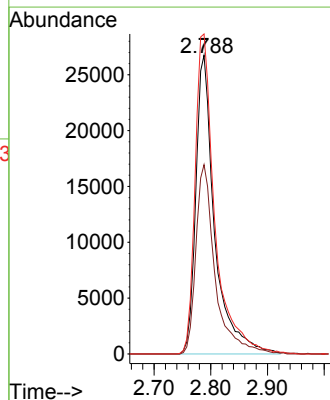
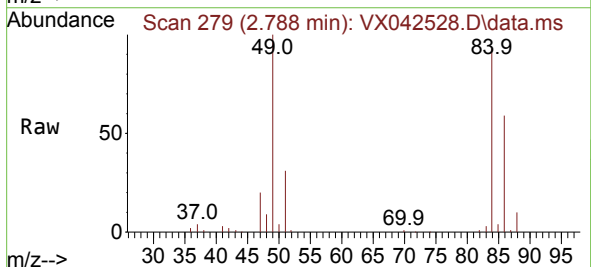
Tgt Ion: 84 Resp: 61770

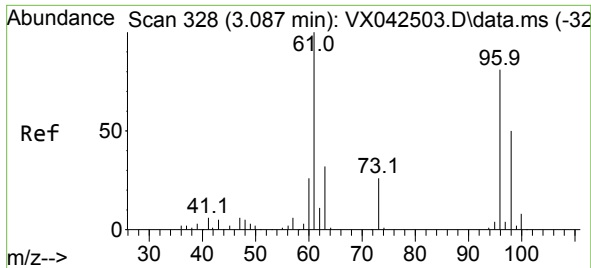
Ion Ratio Lower Upper

84 100

86 63.4 45.7 84.9

49 107.1 76.4 141.8

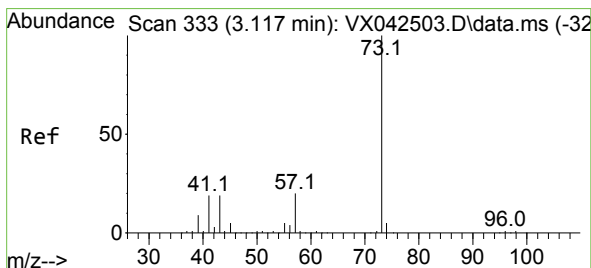
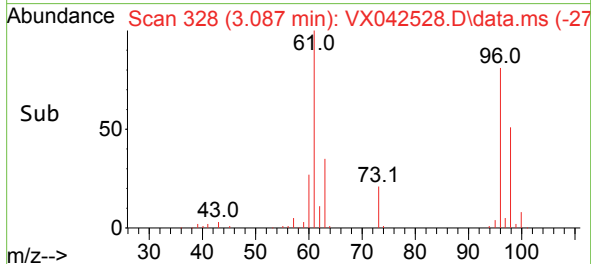
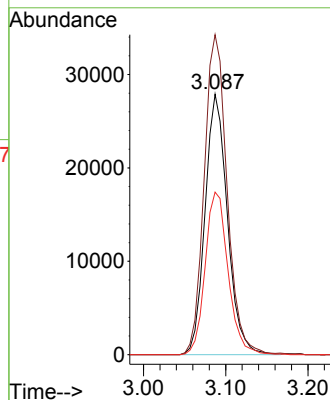
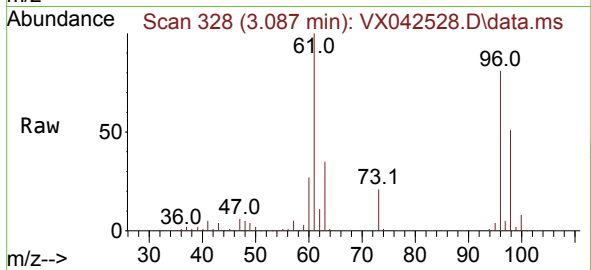




#17
trans-1,2-Dichloroethene
Concen: 46.776 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

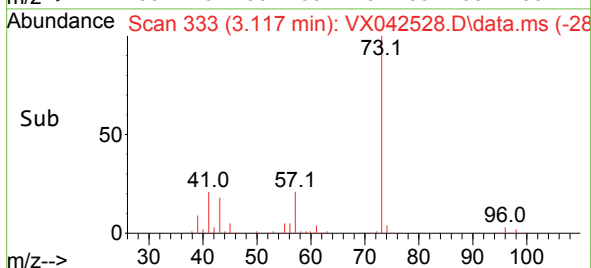
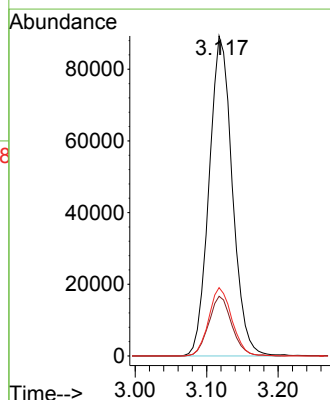
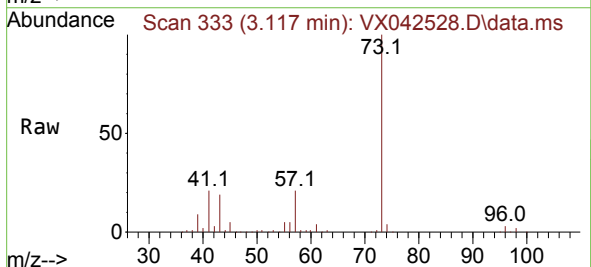
Instrument :
MSVOA_X
ClientSampleId :

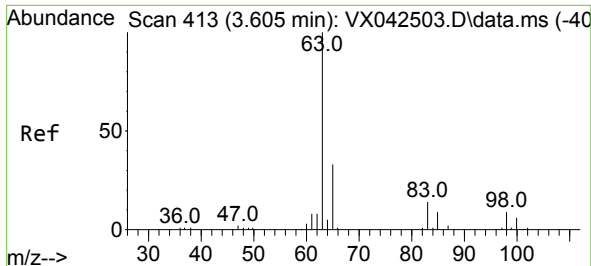
Tgt Ion: 96 Resp: 52794
Ion Ratio Lower Upper
96 100
61 122.8 88.4 164.2
98 62.4 46.5 86.5



#18
Methyl tert-butyl Ether
Concen: 54.666 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion: 73 Resp: 201765
Ion Ratio Lower Upper
73 100
43 18.5 14.5 21.7
57 21.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 53.273 ug/L

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

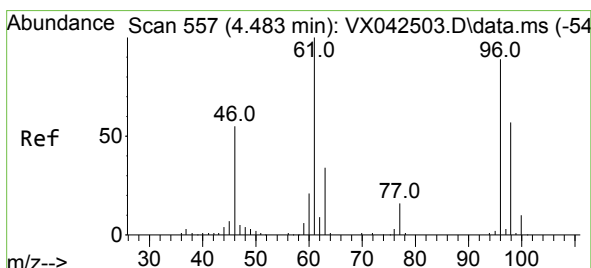
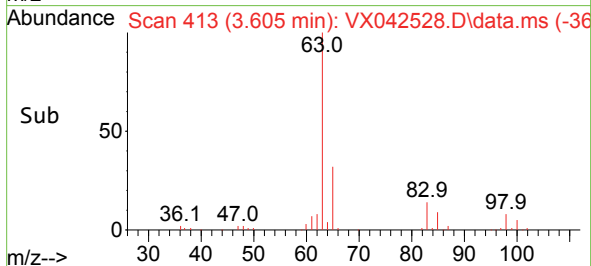
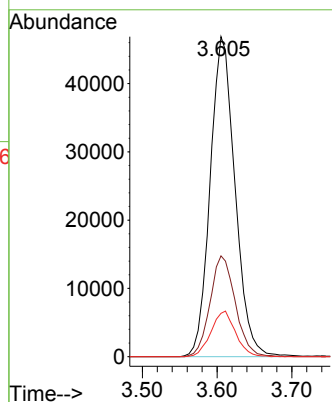
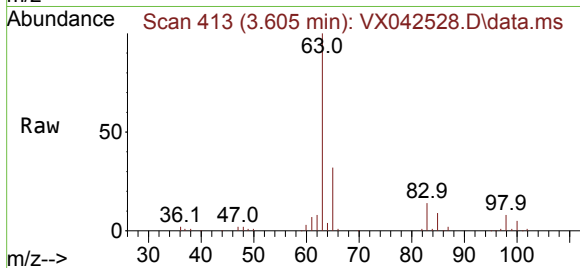
Tgt Ion: 63 Resp: 107972

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 13.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 51.784 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

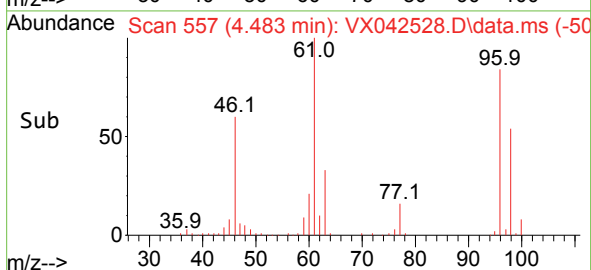
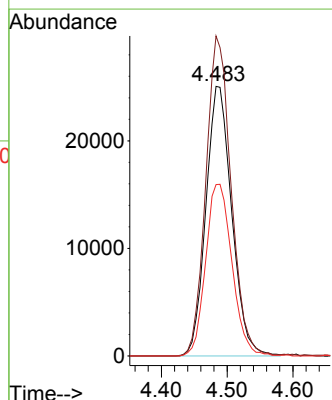
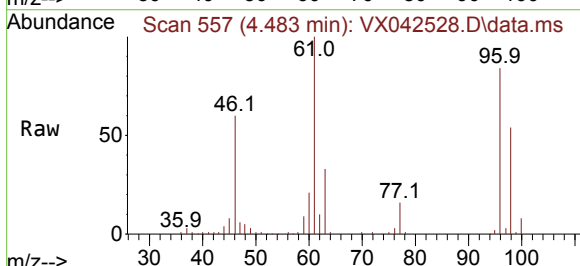
Tgt Ion: 96 Resp: 68664

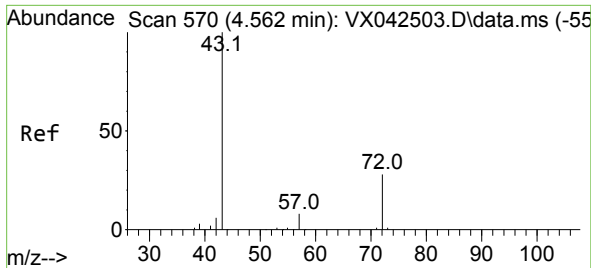
Ion Ratio Lower Upper

96 100

61 118.7 80.5 149.5

98 63.6 45.7 84.9

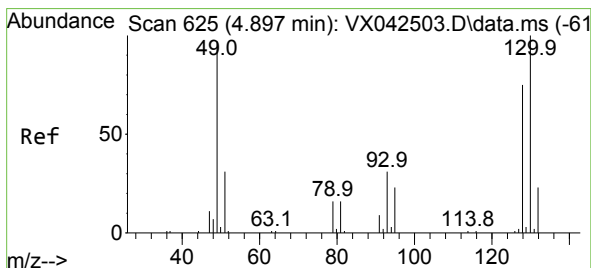
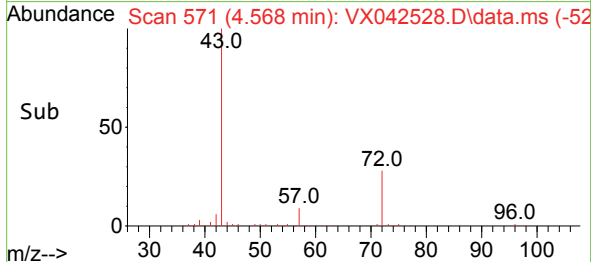
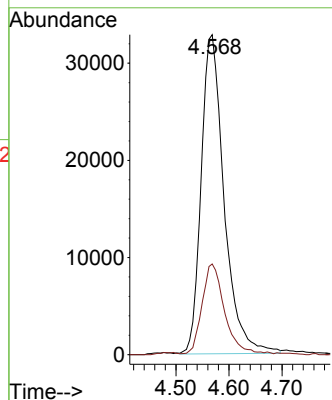
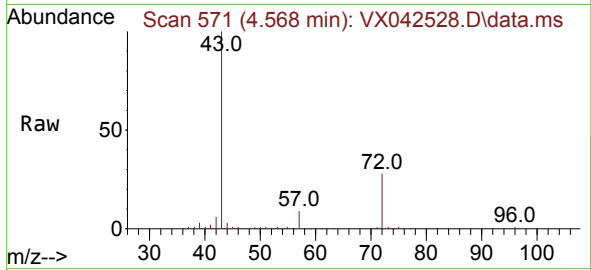




#22
2-Butanone
Concen: 113.420 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

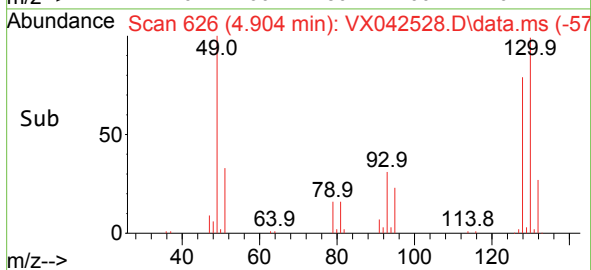
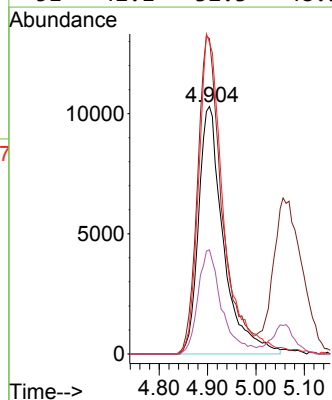
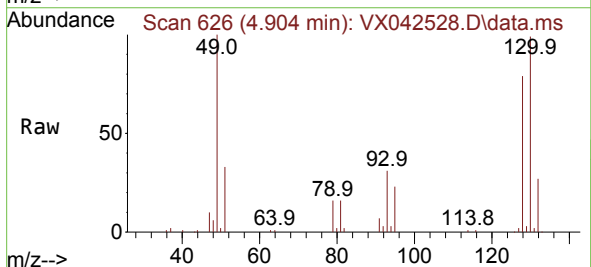
Instrument :
MSVOA_X
ClientSampleId :

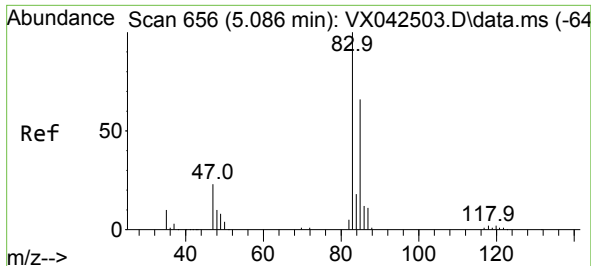
Tgt Ion: 43 Resp: 98699
Ion Ratio Lower Upper
43 100
72 27.1 13.7 41.1



#23
Bromochloromethane
Concen: 51.841 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion: 128 Resp: 36736
Ion Ratio Lower Upper
128 100
49 127.4 89.7 166.7
130 125.9 90.0 167.2
51 42.1 32.3 48.5

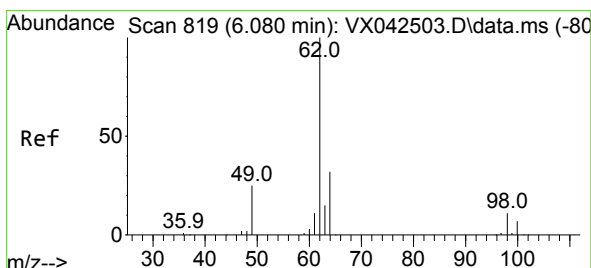
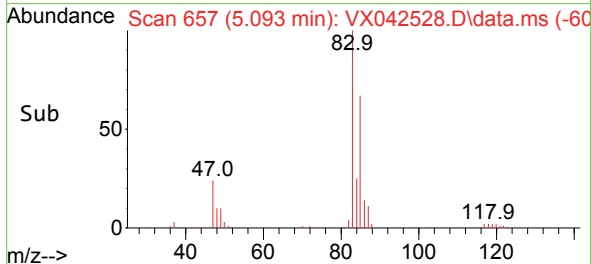
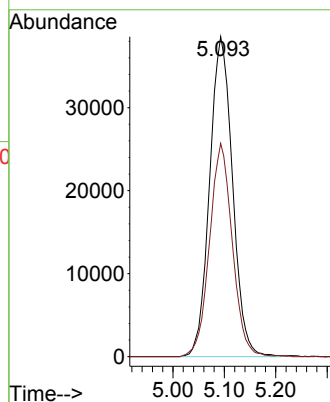
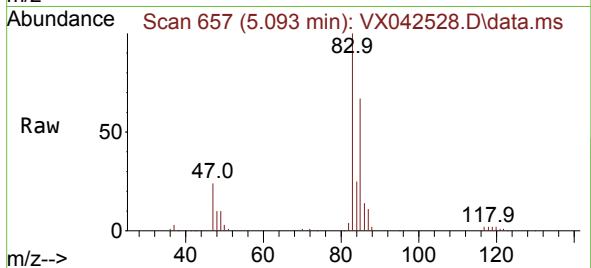




#25
Chloroform
Concen: 56.131 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

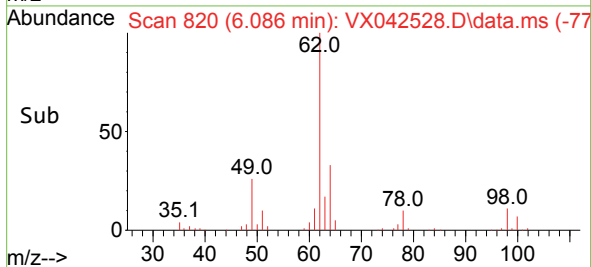
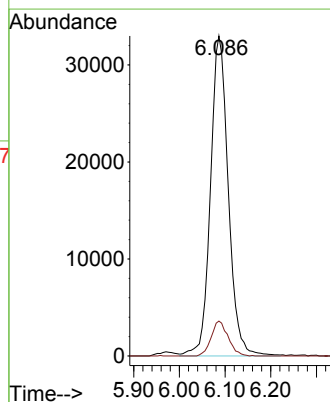
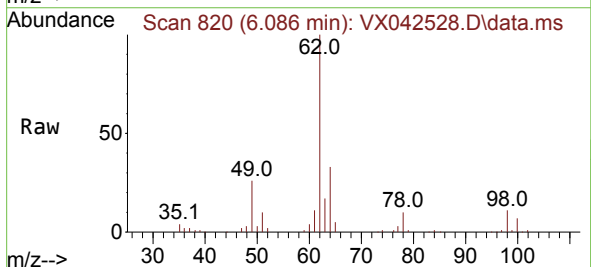
Instrument :
MSVOA_X
ClientSampleId :

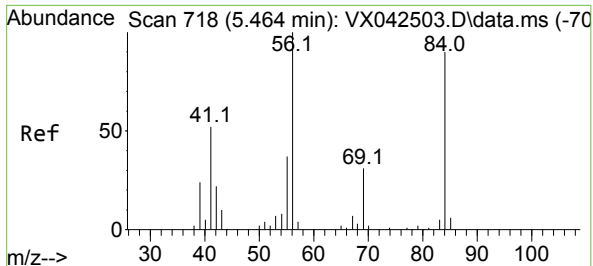
Tgt Ion: 83 Resp: 119283
Ion Ratio Lower Upper
83 100
85 66.7 45.8 85.2



#27
1,2-Dichloroethane
Concen: 56.813 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion: 62 Resp: 89471
Ion Ratio Lower Upper
62 100
98 10.9 9.3 13.9





#29

Cyclohexane

Concen: 42.183 ug/L

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

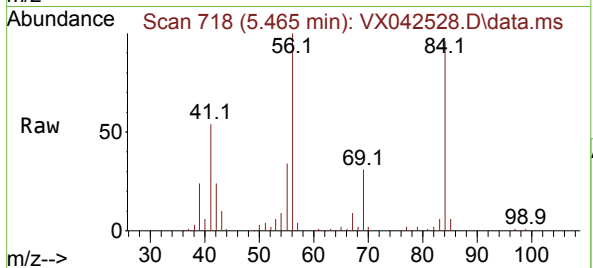
Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :



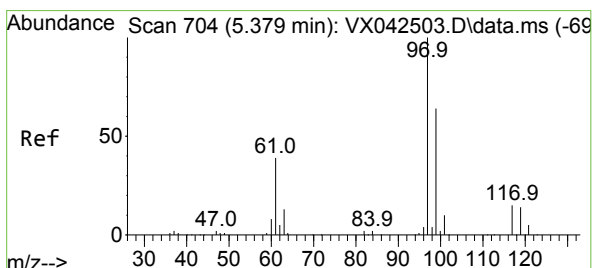
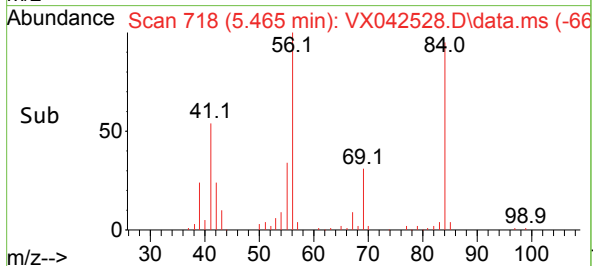
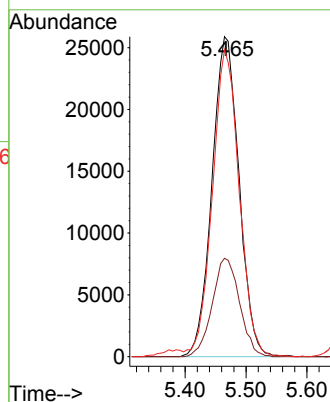
Tgt Ion: 56 Resp: 79755

Ion Ratio Lower Upper

56 100

69 31.1 25.3 37.9

84 94.8 74.0 111.0



#30

1,1,1-Trichloroethane

Concen: 53.143 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

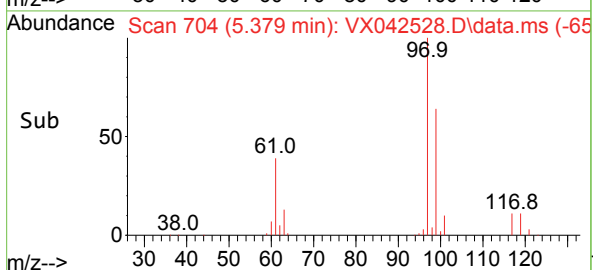
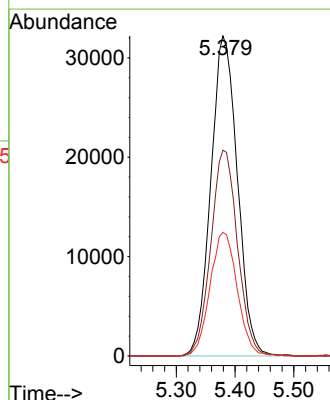
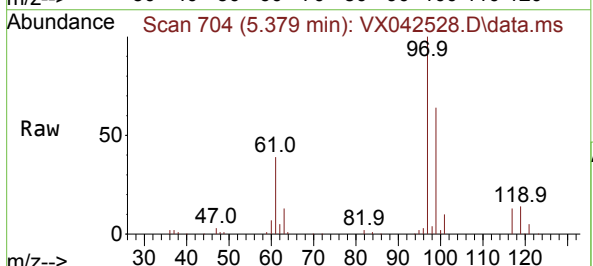
Tgt Ion: 97 Resp: 101219

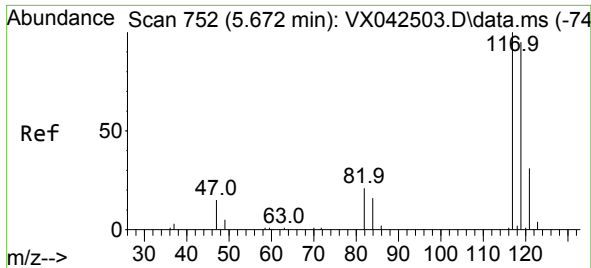
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 39.6 31.2 46.8

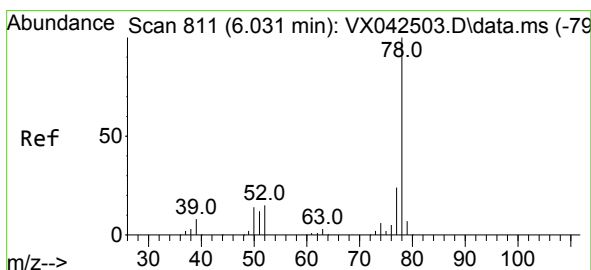
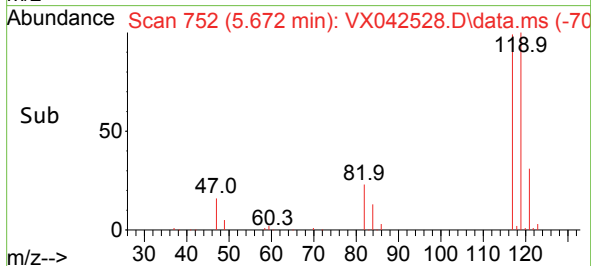
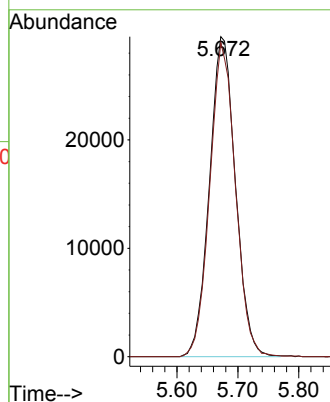
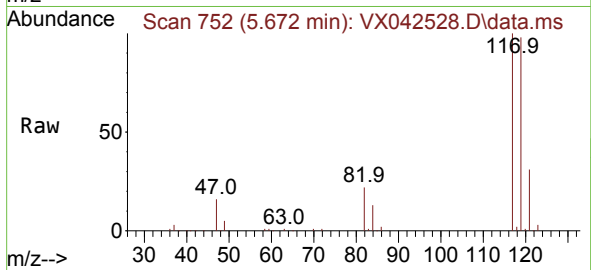




#31
Carbon tetrachloride
Concen: 52.682 ug/L
RT: 5.672 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

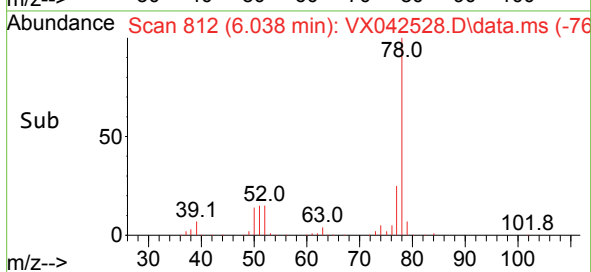
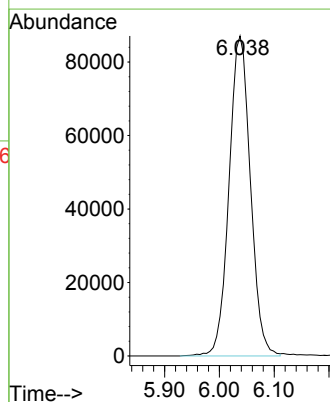
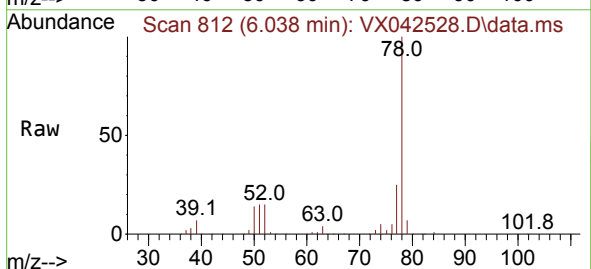
Instrument :
MSVOA_X
ClientSampleId :

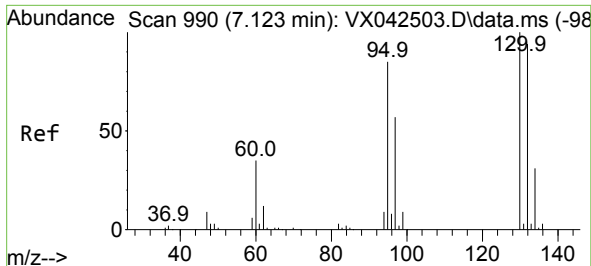
Tgt Ion:117 Resp: 87647
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#33
Benzene
Concen: 48.252 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion: 78 Resp: 236057

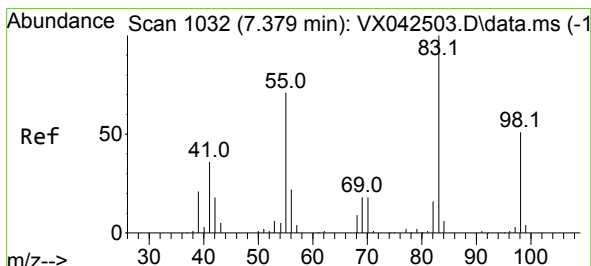
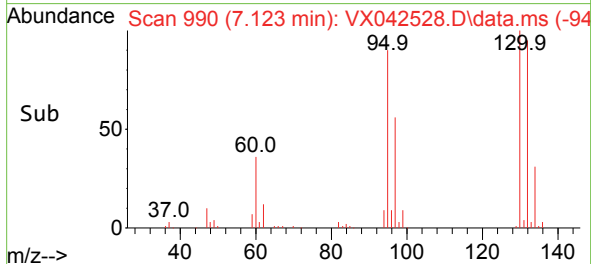
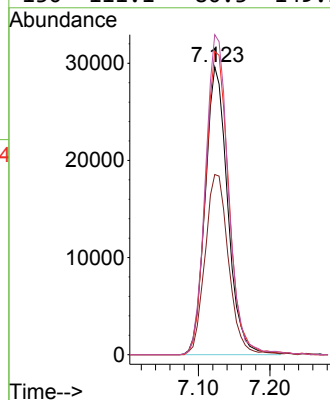
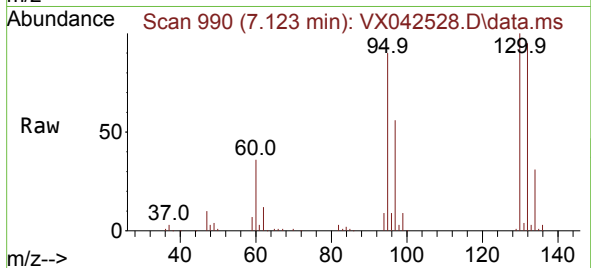




#34
Trichloroethene
Concen: 50.471 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

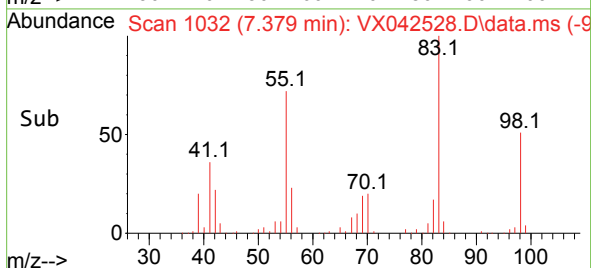
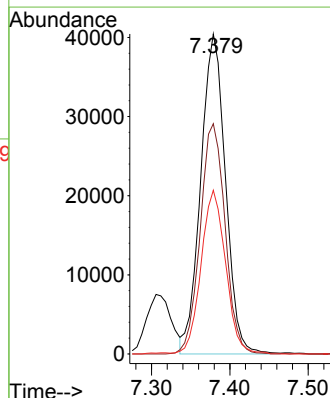
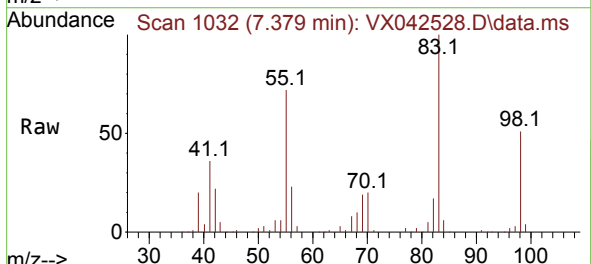
Instrument :
MSVOA_X
ClientSampleId :

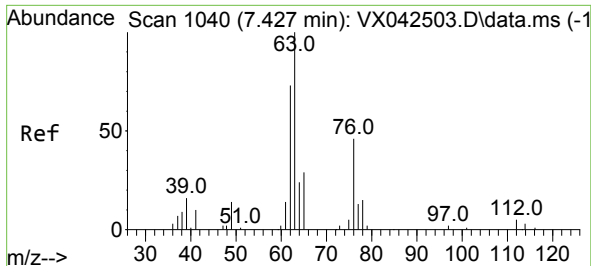
Tgt Ion: 95 Resp: 64678
Ion Ratio Lower Upper
95 100
97 62.6 45.1 83.7
132 105.3 77.2 143.4
130 111.1 80.3 149.1



#35
Methylcyclohexane
Concen: 45.736 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion: 83 Resp: 88867
Ion Ratio Lower Upper
83 100
55 72.2 56.4 84.6
98 50.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 52.378 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

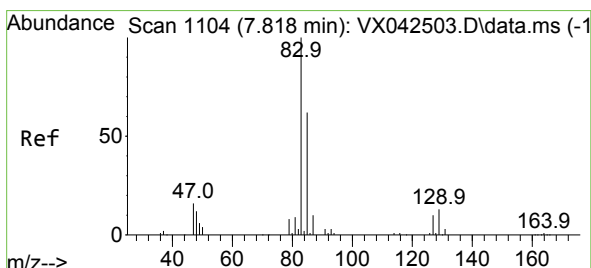
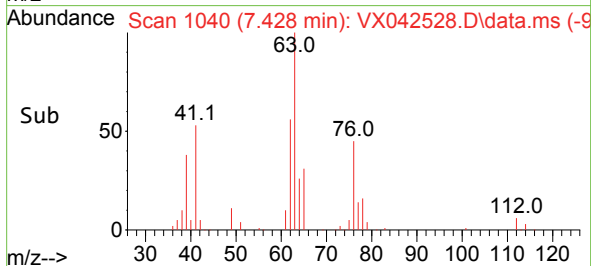
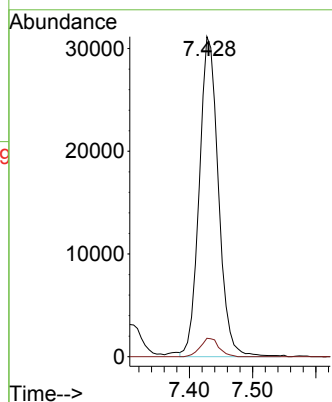
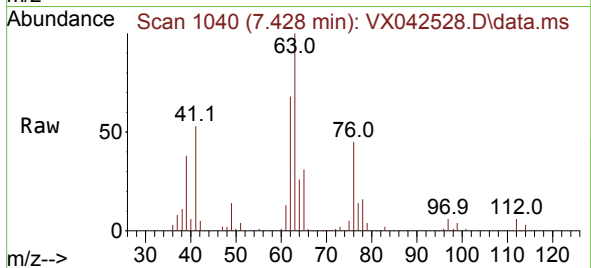
ClientSampleId :

Tgt Ion: 63 Resp: 65748

Ion Ratio Lower Upper

63 100

112 5.6 4.3 6.5



#38

Bromodichloromethane

Concen: 55.192 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

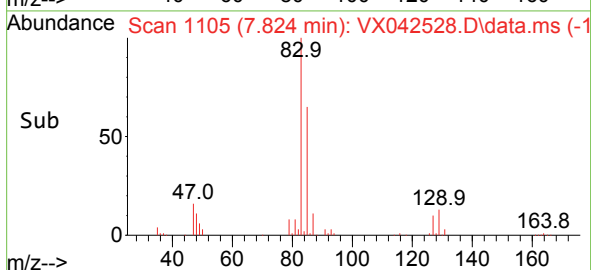
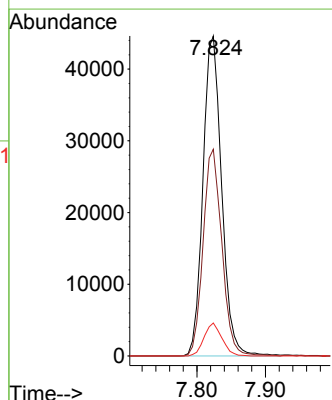
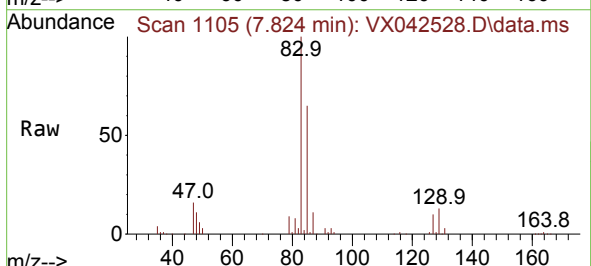
Tgt Ion: 83 Resp: 84837

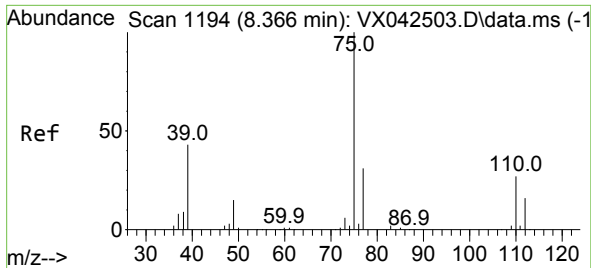
Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2

127 10.3 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 53.391 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

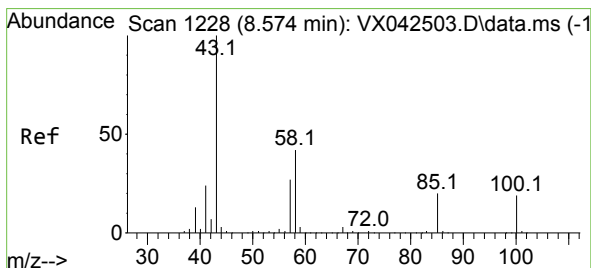
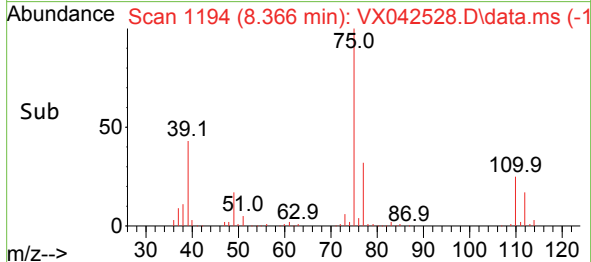
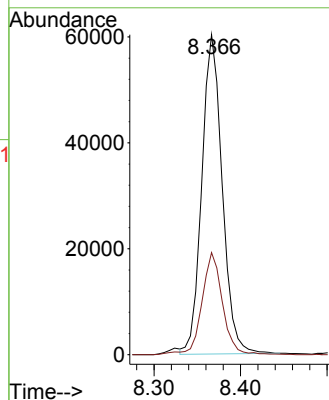
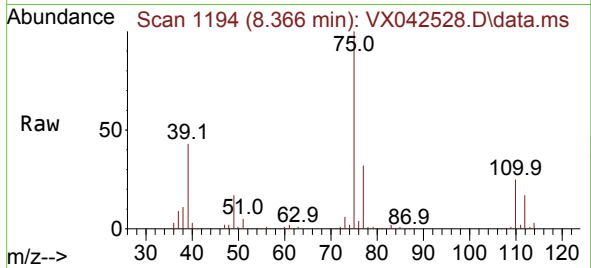
ClientSampleId :

Tgt Ion: 75 Resp: 98681

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 111.345 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

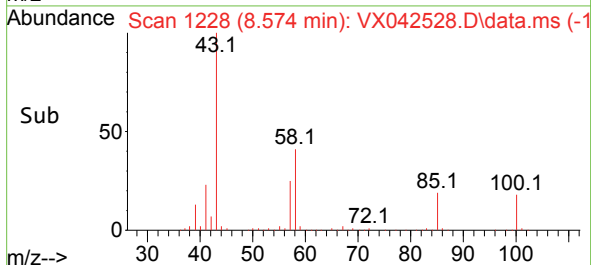
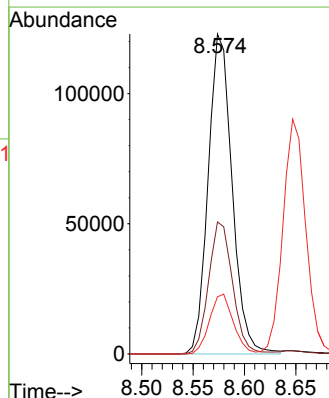
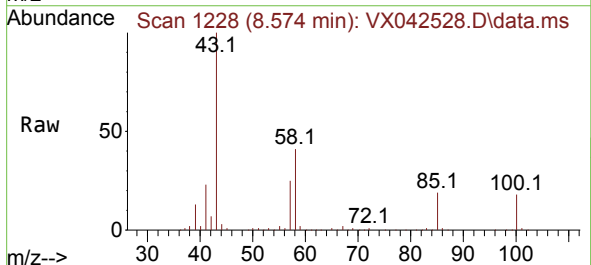
Tgt Ion: 43 Resp: 199353

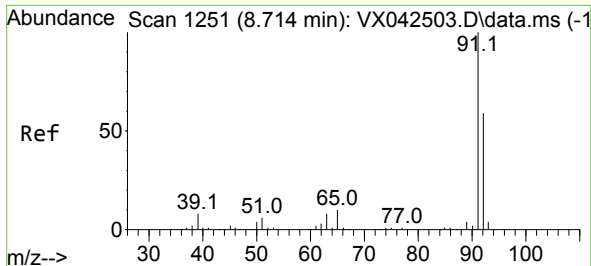
Ion Ratio Lower Upper

43 100

58 41.2 33.7 50.5

100 18.5 15.4 23.2





#42

Toluene

Concen: 50.584 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

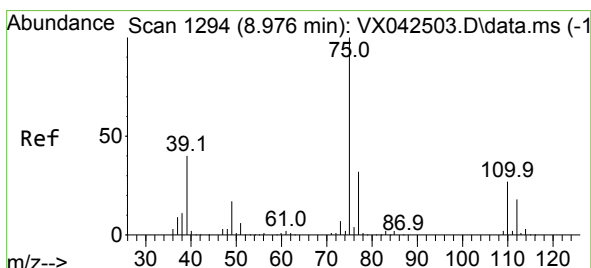
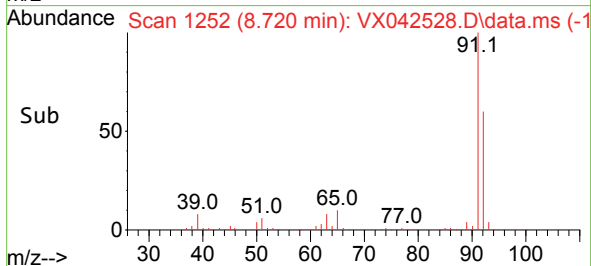
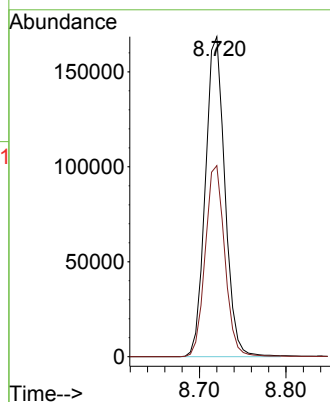
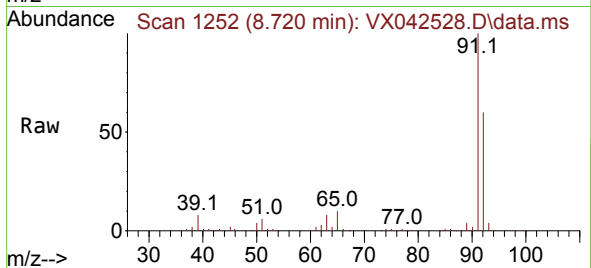
ClientSampleId :

Tgt Ion: 91 Resp: 264052

Ion Ratio Lower Upper

91 100

92 59.7 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 54.851 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX042528.D

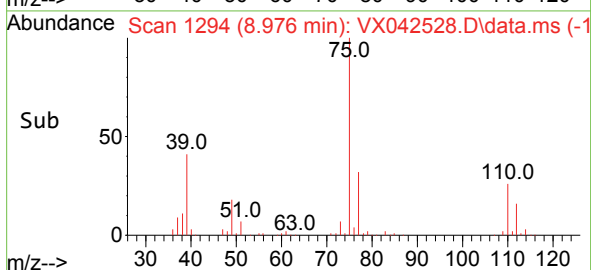
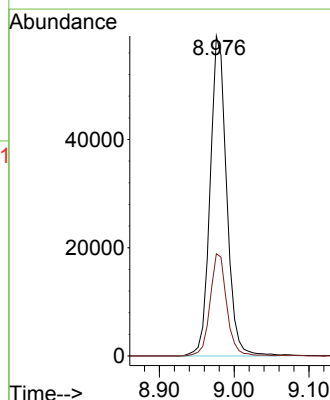
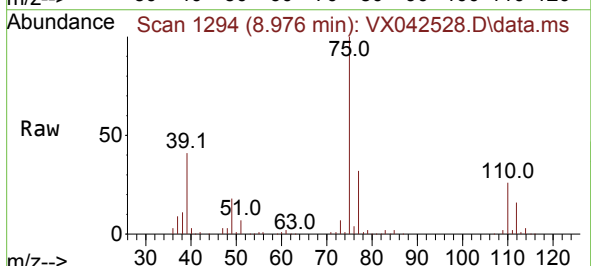
Acq: 24 Jul 2024 19:20

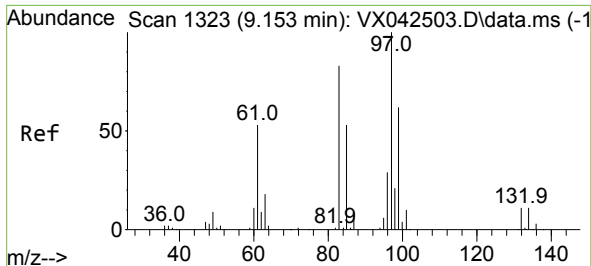
Tgt Ion: 75 Resp: 90895

Ion Ratio Lower Upper

75 100

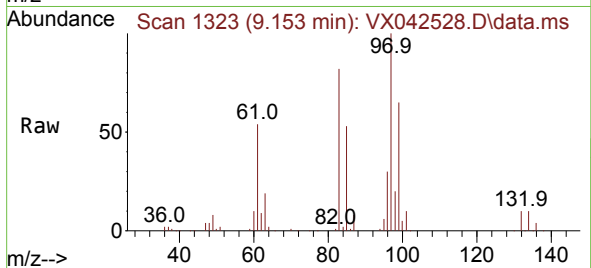
77 31.9 22.2 41.2



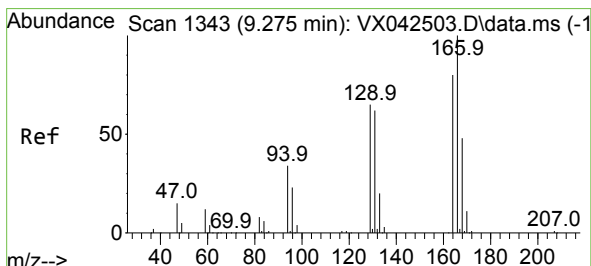
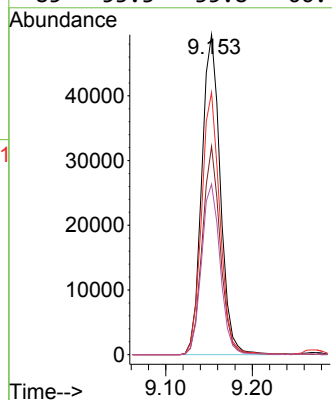
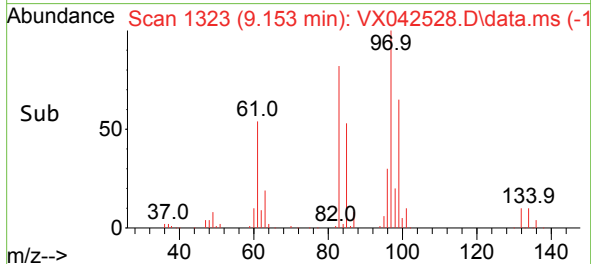


#45
1,1,2-Trichloroethane
Concen: 54.812 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Instrument :
MSVOA_X
ClientSampleId :

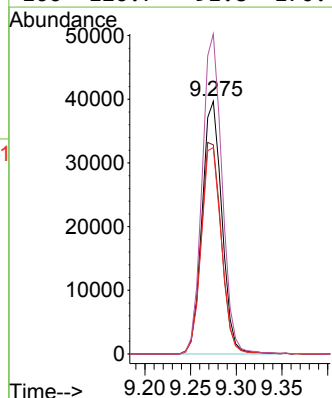
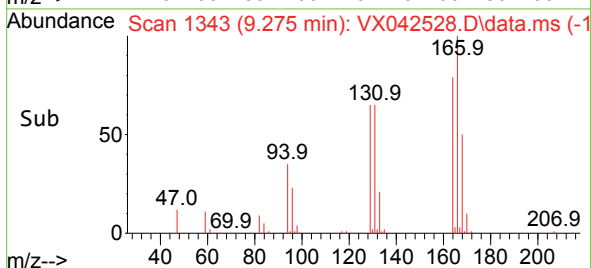
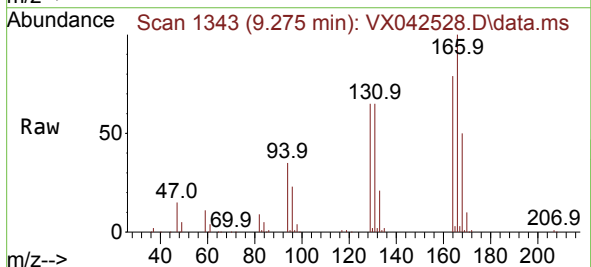


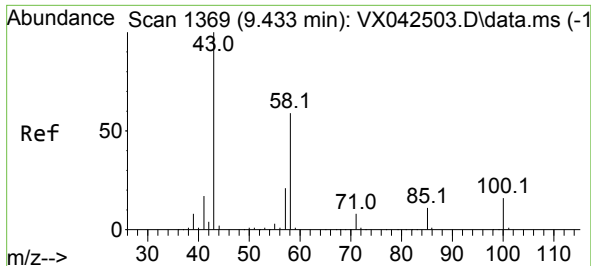
Tgt Ion:	97	Resp:	73617
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.3	80.3
83	81.9	56.2	104.4
85	53.3	35.8	66.4



#46
Tetrachloroethene
Concen: 49.897 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion:	164	Resp:	59851
Ion	Ratio	Lower	Upper
164	100		
129	82.8	58.6	108.8
131	81.7	57.9	107.5
166	126.7	91.8	170.4

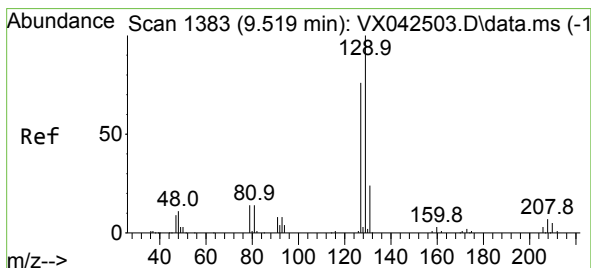
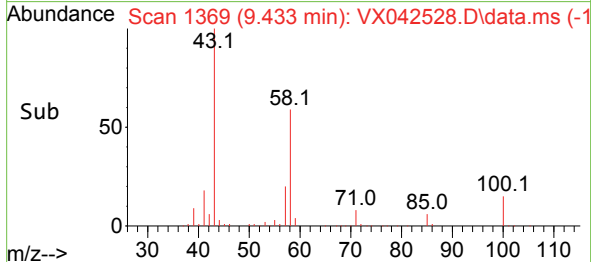
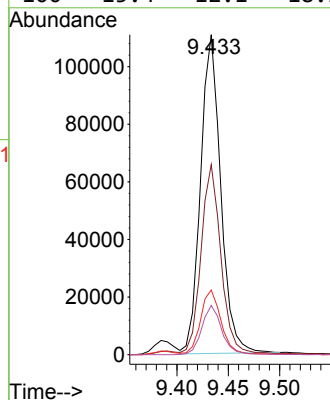
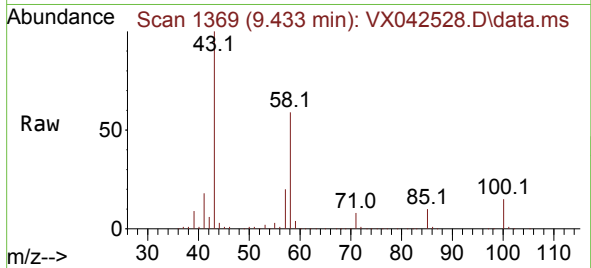




#48
2-Hexanone
Concen: 107.678 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

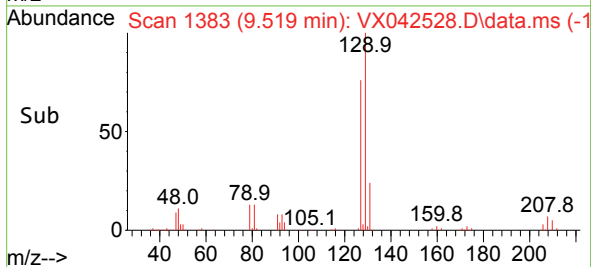
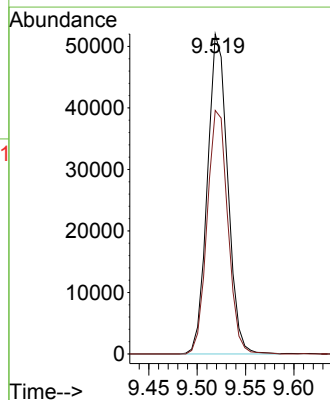
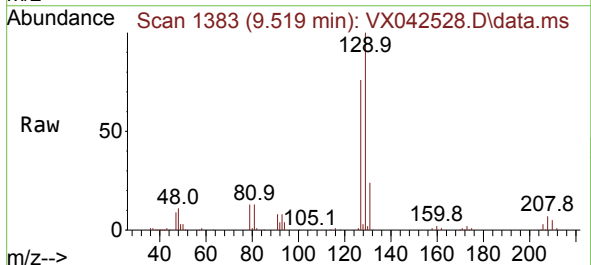
Instrument :
MSVOA_X
ClientSampleId :

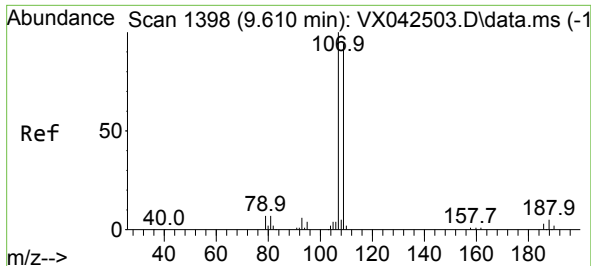
Tgt Ion:	43	Resp:	151396
Ion	Ratio	Lower	Upper
43	100		
58	58.3	46.4	69.6
57	21.0	16.3	24.5
100	15.4	12.1	18.1



#49
Dibromochloromethane
Concen: 55.450 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion:	129	Resp:	75848
Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.7	99.7

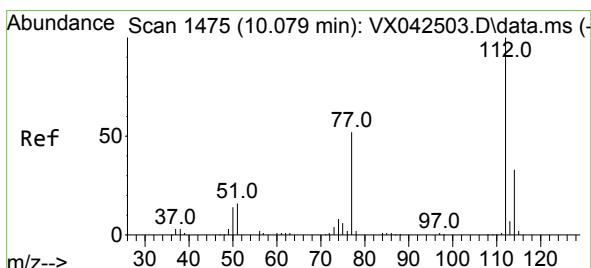
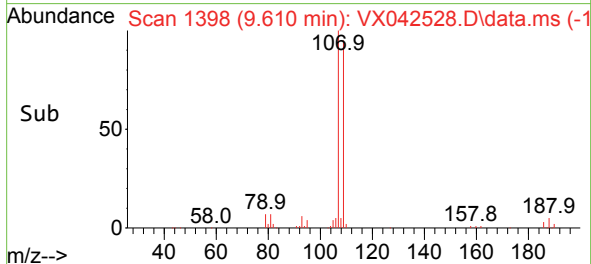
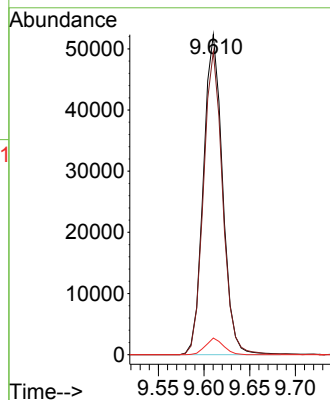
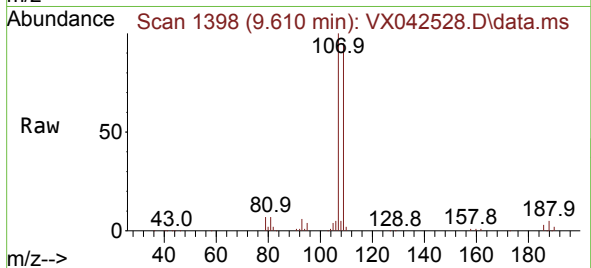




#50
1,2-Dibromoethane
Concen: 52.738 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

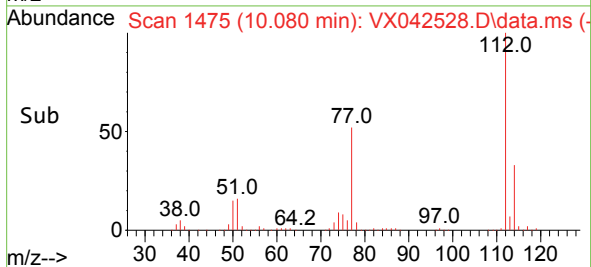
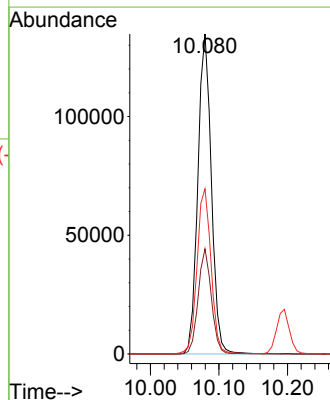
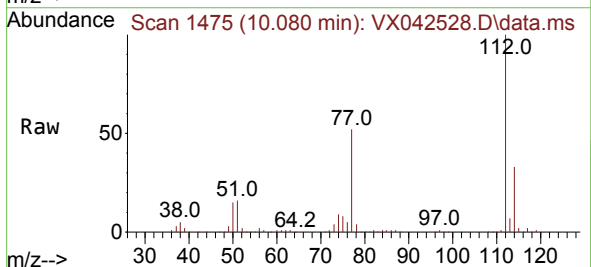
Instrument :
MSVOA_X
ClientSampleId :

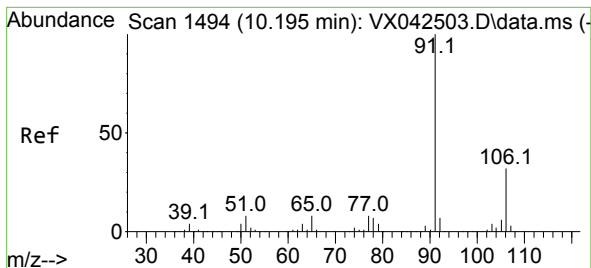
Tgt Ion:107 Resp: 76073
Ion Ratio Lower Upper
107 100
109 94.7 67.5 125.3
188 5.2 4.2 6.2



#51
Chlorobenzene
Concen: 51.728 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion:112 Resp: 185358
Ion Ratio Lower Upper
112 100
114 32.9 23.2 43.2
77 51.6 43.0 64.4

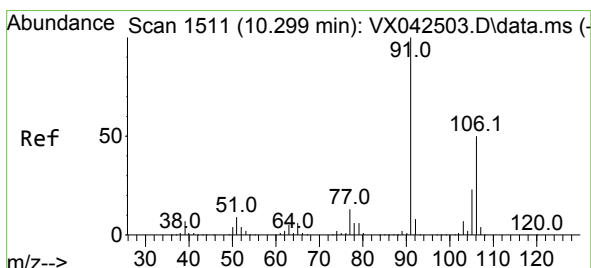
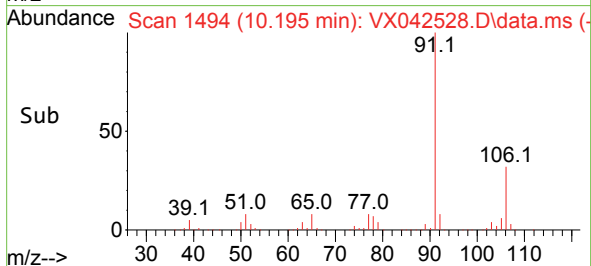
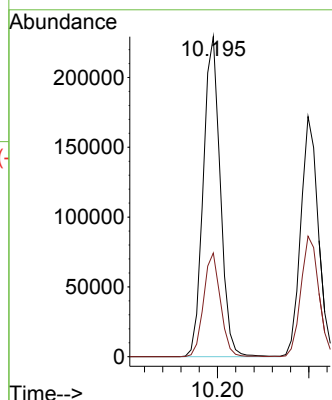
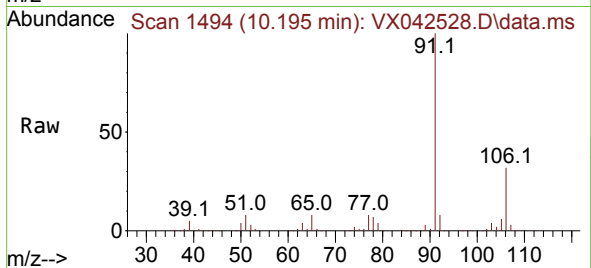




#52
Ethylbenzene
Concen: 52.140 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

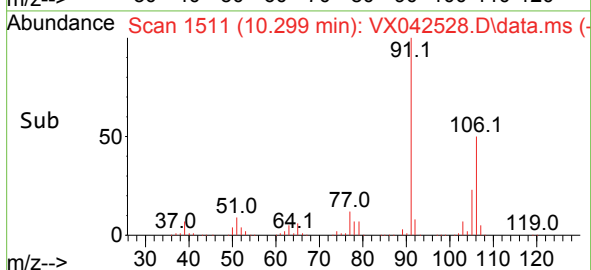
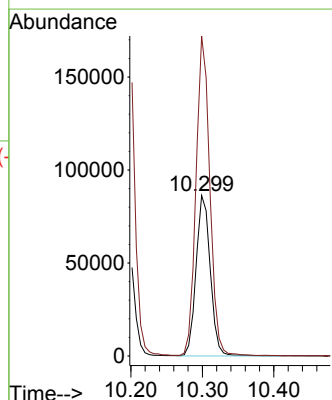
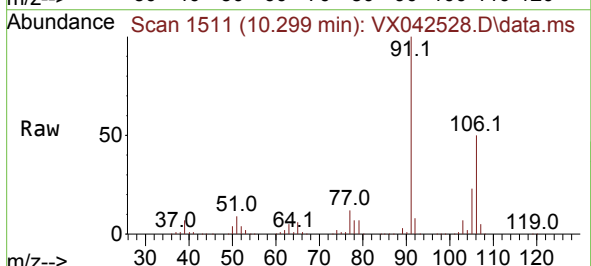
Instrument :
MSVOA_X
ClientSampleId :

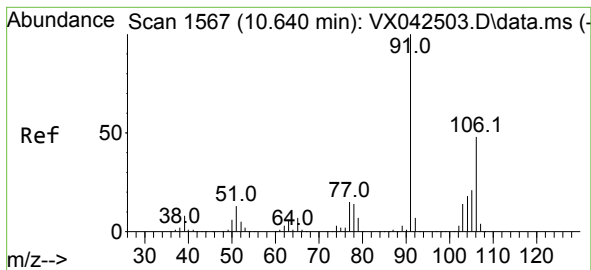
Tgt Ion: 91 Resp: 295775
Ion Ratio Lower Upper
91 100
106 32.4 23.1 42.9



#53
m,p-Xylene
Concen: 52.104 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion: 106 Resp: 118970
Ion Ratio Lower Upper
106 100
91 199.4 136.4 253.2





#54

o-Xylene

Concen: 52.988 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

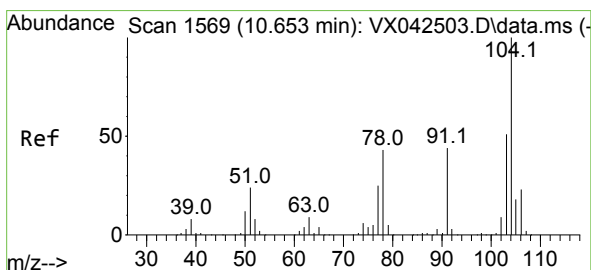
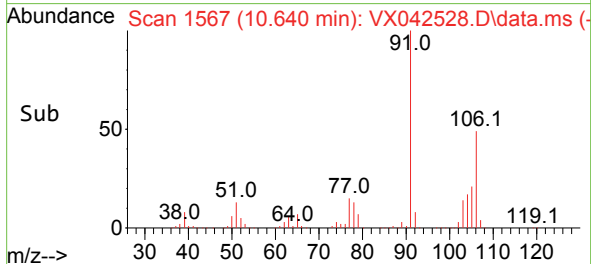
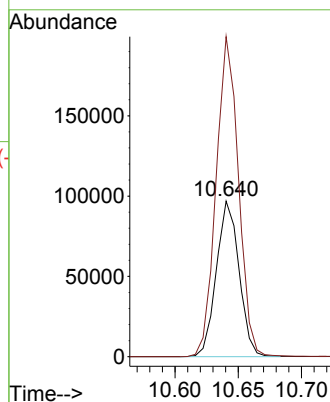
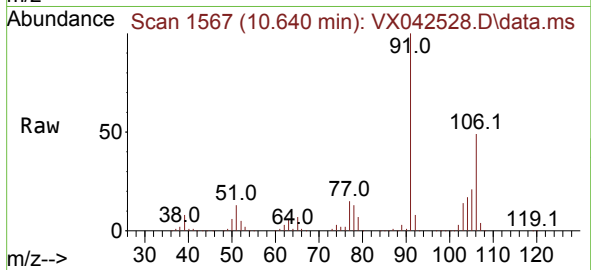
ClientSampleId :

Tgt Ion:106 Resp: 120854

Ion Ratio Lower Upper

106 100

91 205.7 143.4 266.2



#55

Styrene

Concen: 53.630 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX042528.D

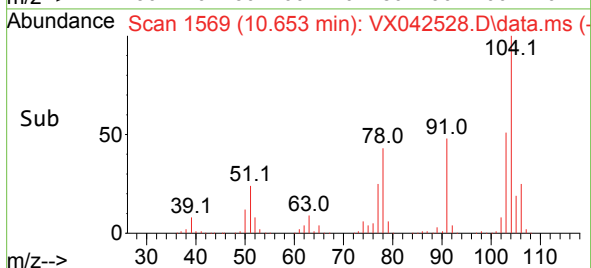
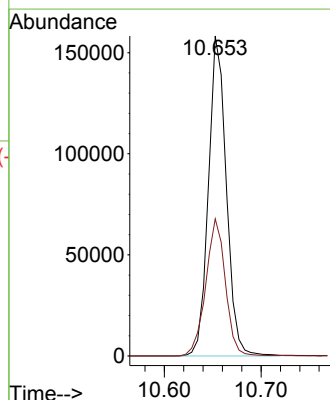
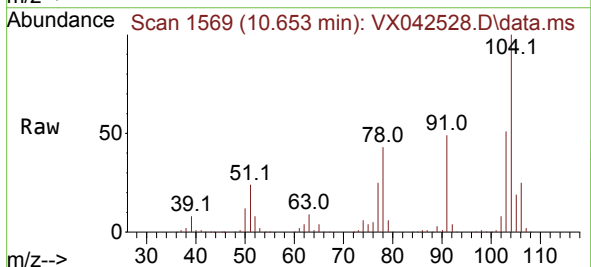
Acq: 24 Jul 2024 19:20

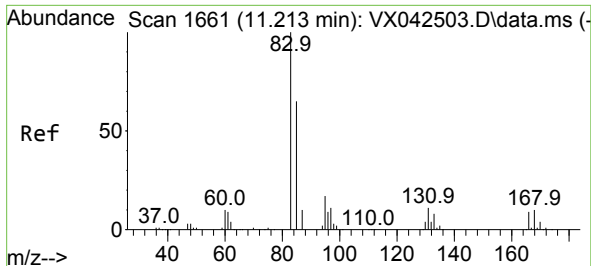
Tgt Ion:104 Resp: 203817

Ion Ratio Lower Upper

104 100

78 42.8 29.5 54.9

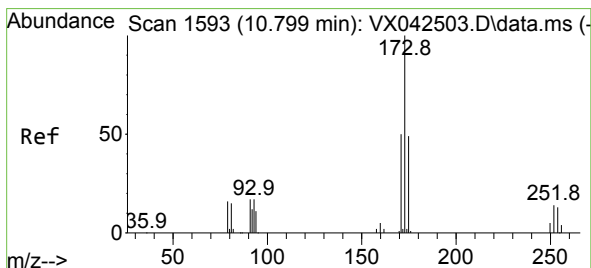
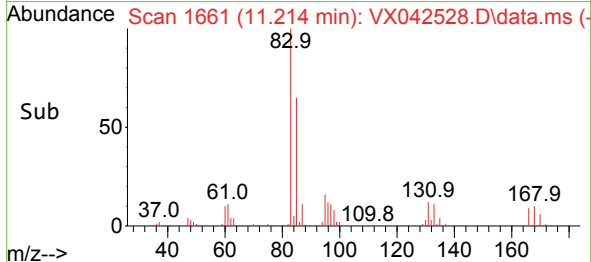
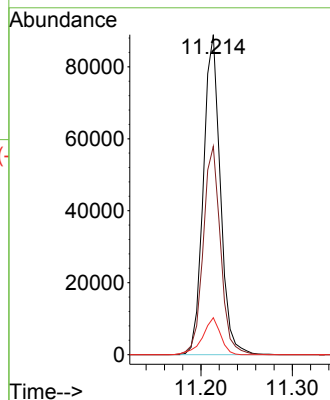
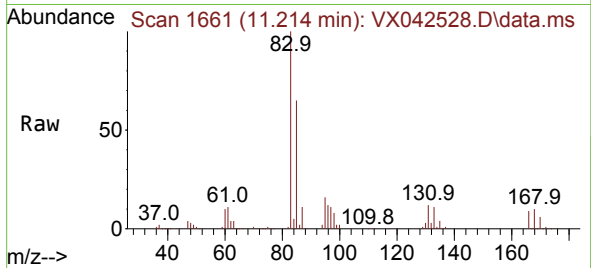




#57
1,1,2,2-Tetrachloroethane
Concen: 53.278 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

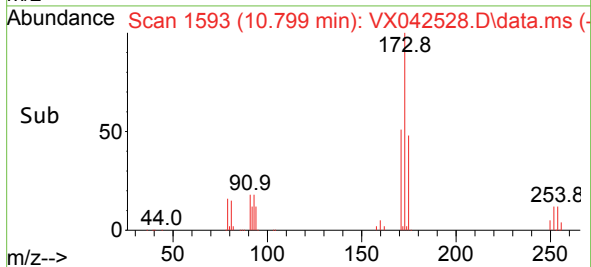
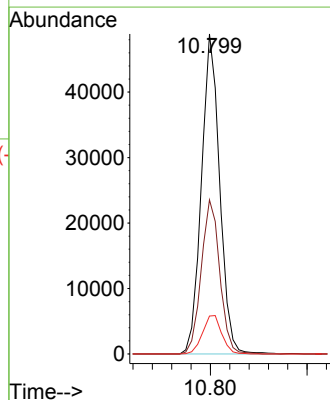
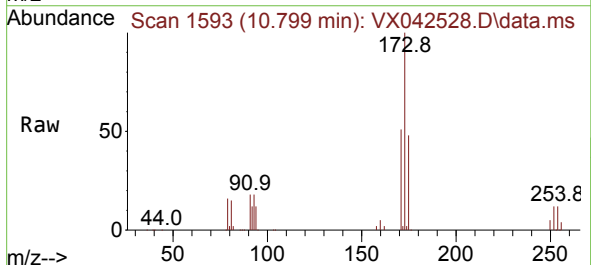
Instrument :
MSVOA_X
ClientSampleId :

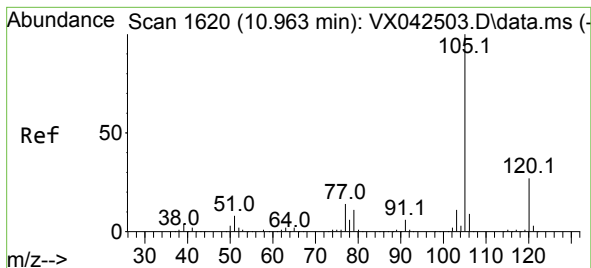
Tgt Ion: 83 Resp: 114849
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.7
131 11.6 9.0 13.4



#59
Bromoform
Concen: 54.626 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion:173 Resp: 64120
Ion Ratio Lower Upper
173 100
175 48.9 39.5 59.3
254 12.7 10.6 15.8





#60

Isopropylbenzene

Concen: 53.821 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

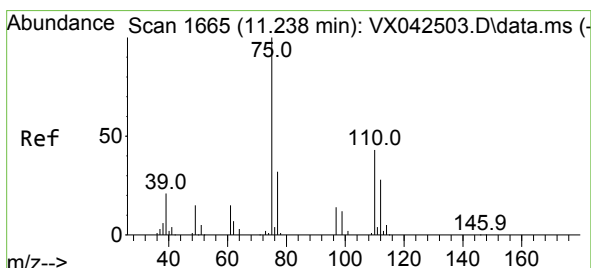
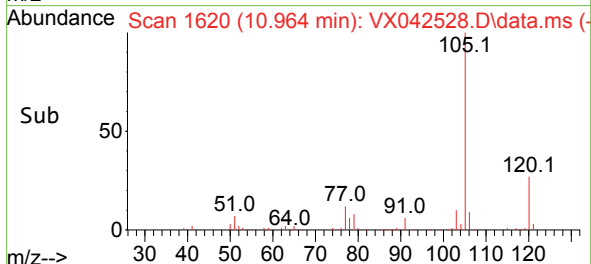
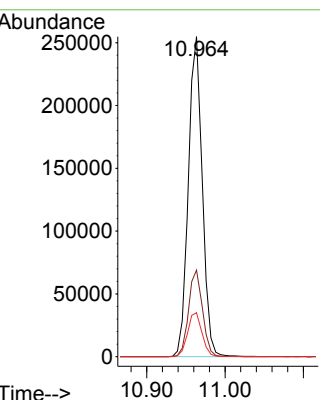
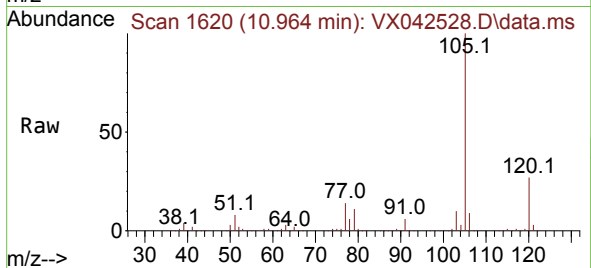
Tgt Ion:105 Resp: 315549

Ion Ratio Lower Upper

105 100

120 27.0 22.0 33.0

77 14.2 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 53.142 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

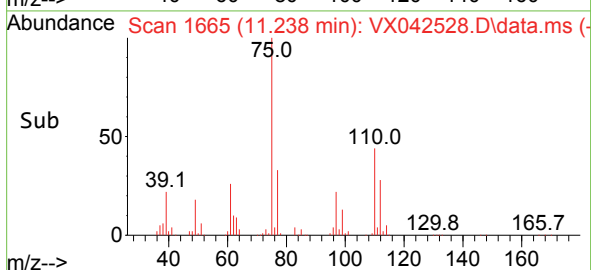
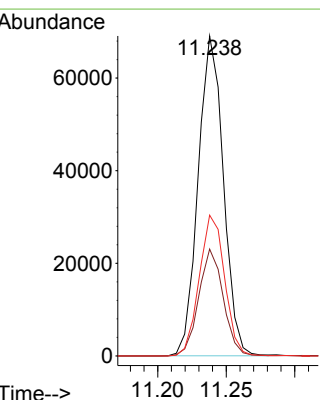
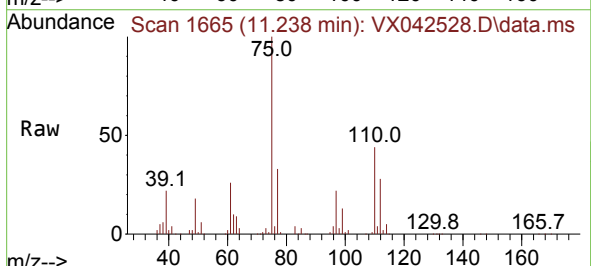
Tgt Ion: 75 Resp: 88366

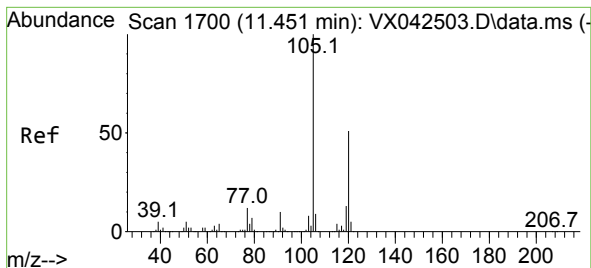
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

110 44.3 35.4 53.0

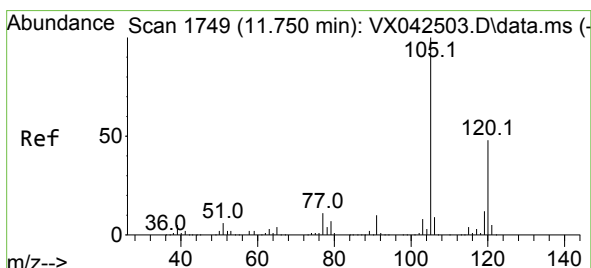
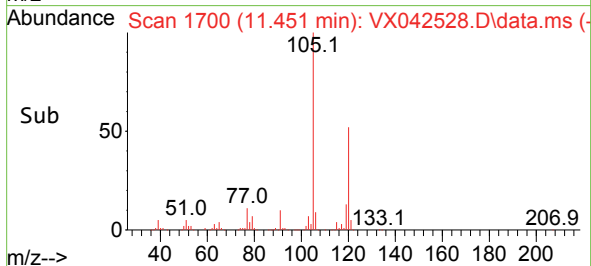
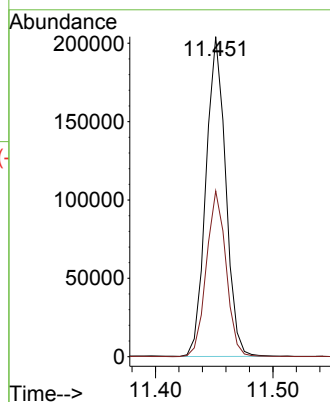
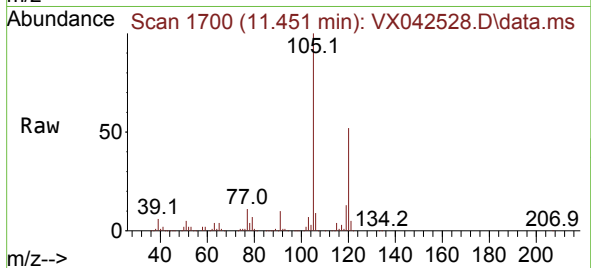




#62
1,3,5-Trimethylbenzene
Concen: 53.224 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

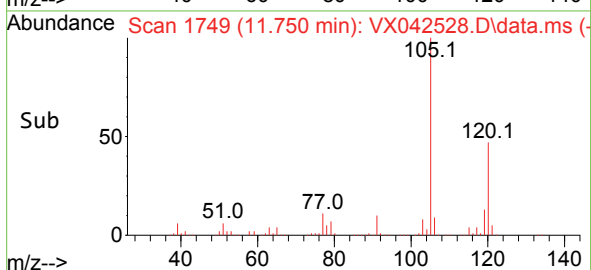
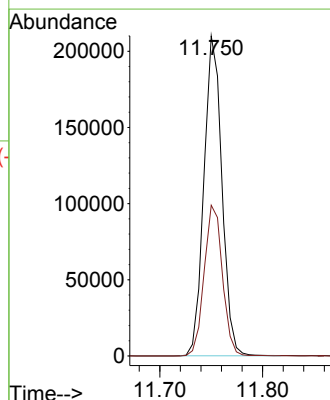
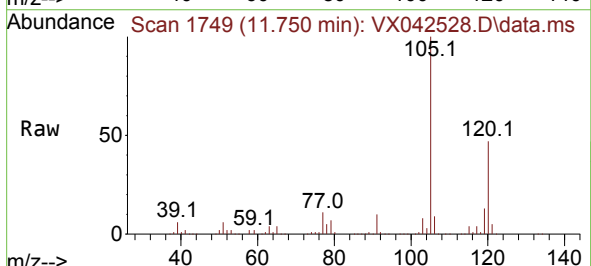
Instrument :
MSVOA_X
ClientSampleId :

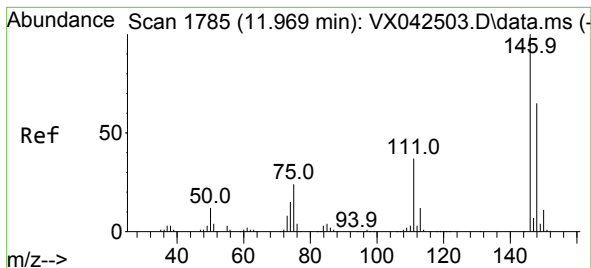
Tgt Ion:105 Resp: 237285
Ion Ratio Lower Upper
105 100
120 51.8 40.9 61.3



#63
1,2,4-Trimethylbenzene
Concen: 53.527 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

Tgt Ion:105 Resp: 255749
Ion Ratio Lower Upper
105 100
120 47.9 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 53.192 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

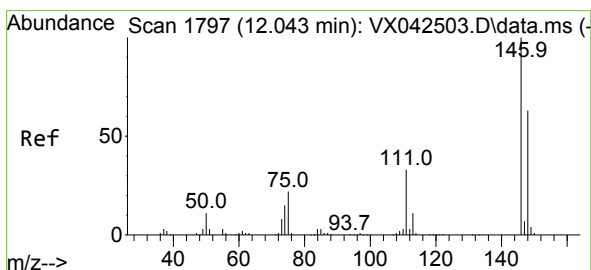
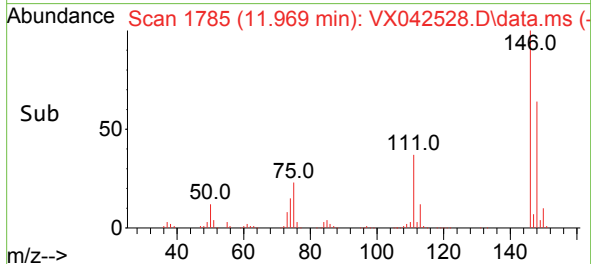
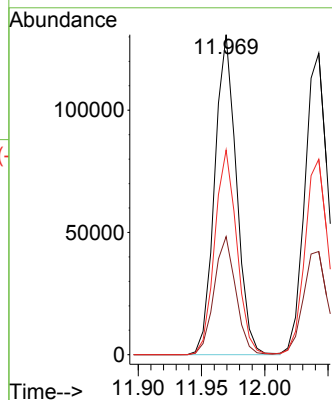
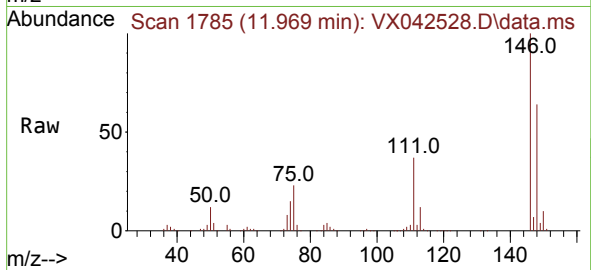
Tgt Ion:146 Resp: 156401

Ion Ratio Lower Upper

146 100

111 36.9 24.8 46.1

148 63.9 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 52.851 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

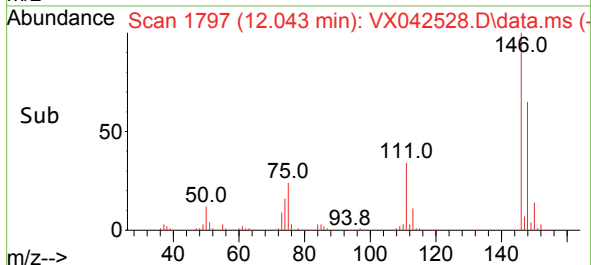
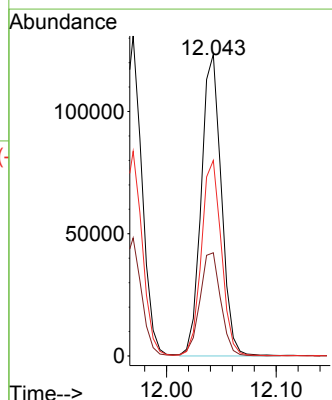
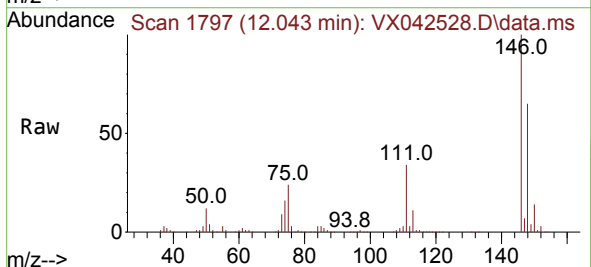
Tgt Ion:146 Resp: 157194

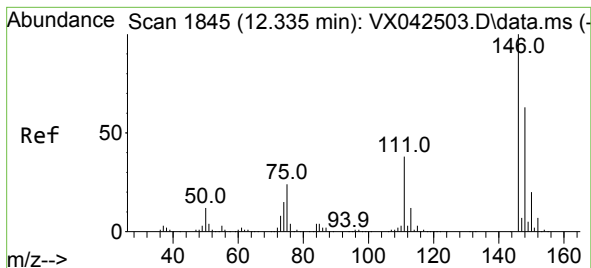
Ion Ratio Lower Upper

146 100

111 34.2 23.9 44.3

148 64.8 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 53.350 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :

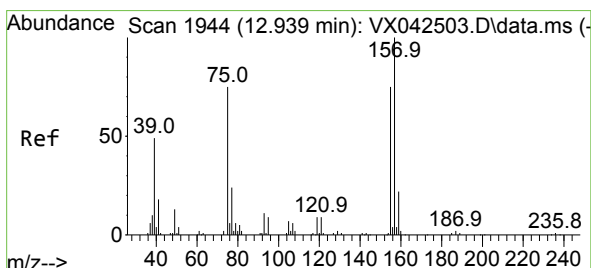
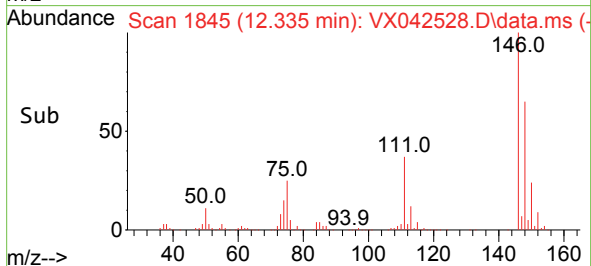
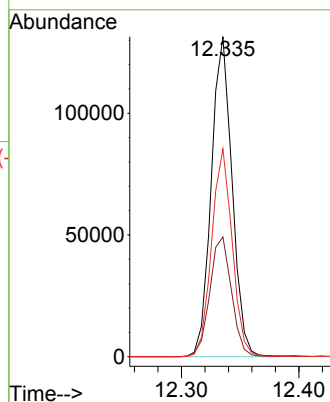
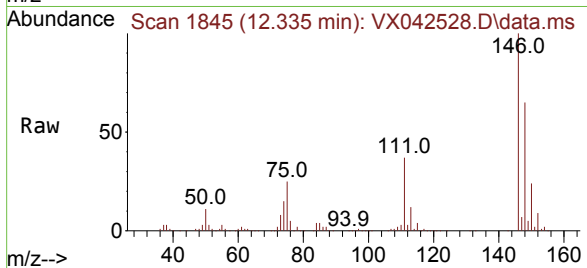
Tgt Ion:146 Resp: 161478

Ion Ratio Lower Upper

146 100

111 37.4 30.2 45.2

148 64.9 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 55.644 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

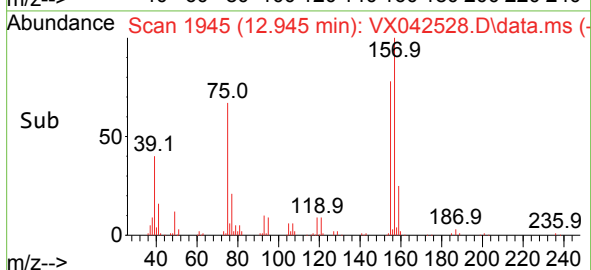
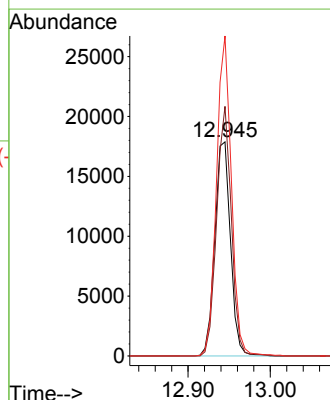
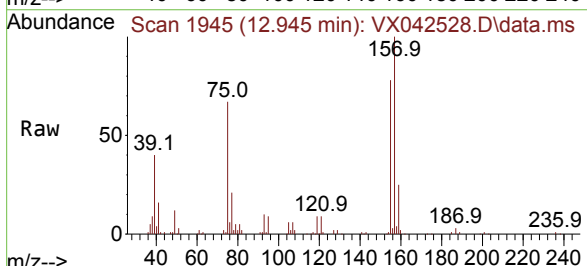
Tgt Ion: 75 Resp: 23686

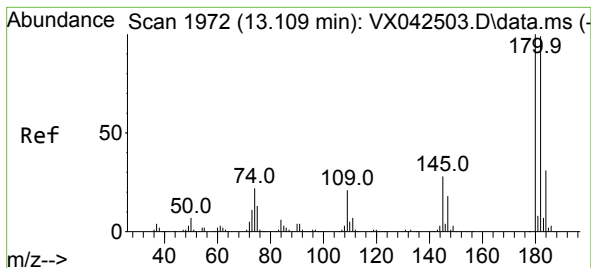
Ion Ratio Lower Upper

75 100

155 116.6 90.4 135.6

157 149.5 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 55.054 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

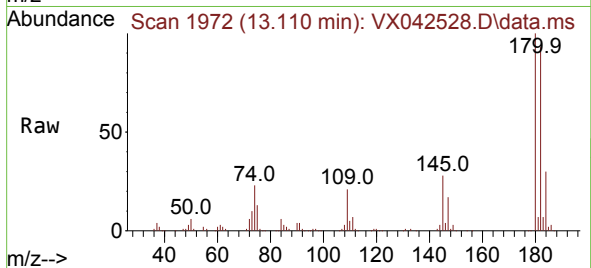
Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 117616

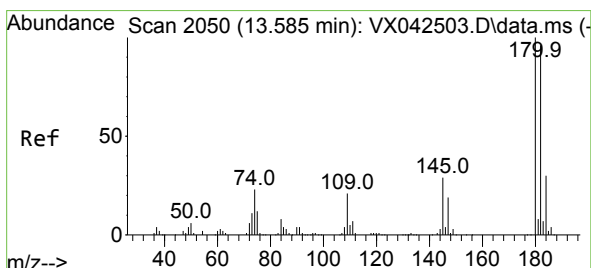
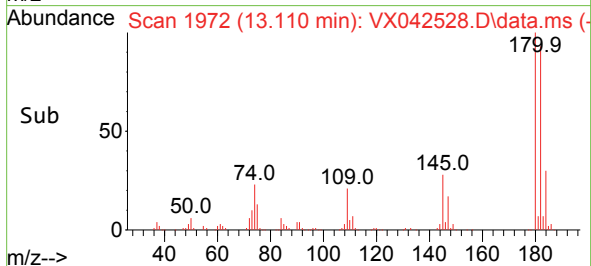
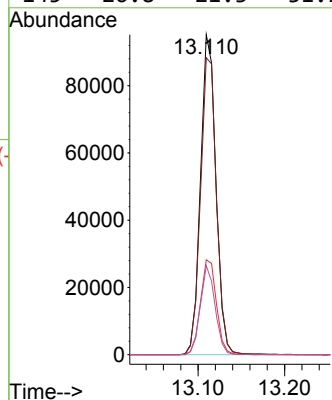
Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.6

184 30.5 24.7 37.1

145 26.8 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 54.774 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042528.D

Acq: 24 Jul 2024 19:20

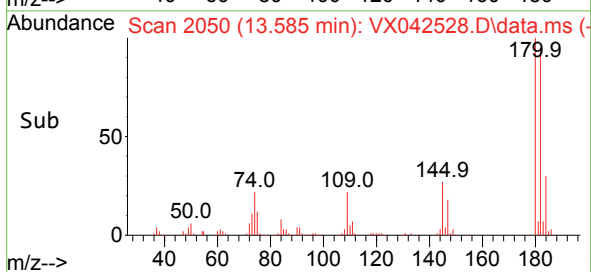
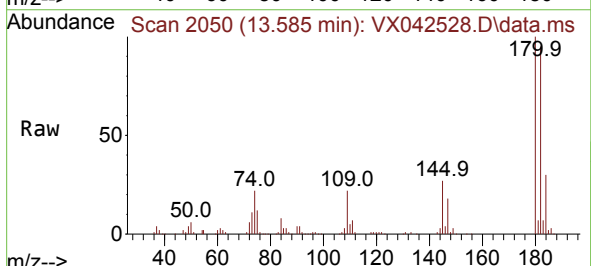
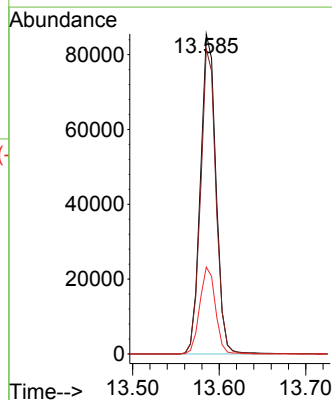
Tgt Ion:180 Resp: 106434

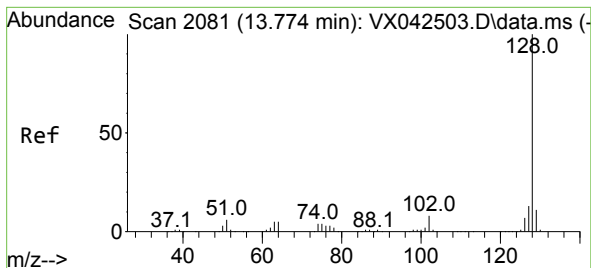
Ion Ratio Lower Upper

180 100

182 94.3 77.8 116.6

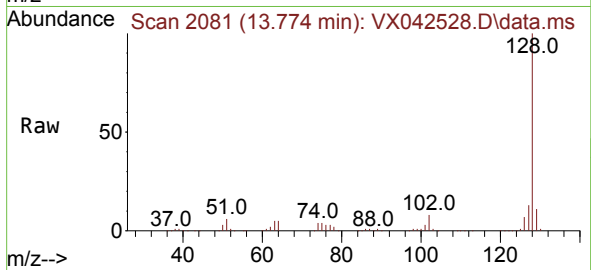
145 27.2 21.8 32.8



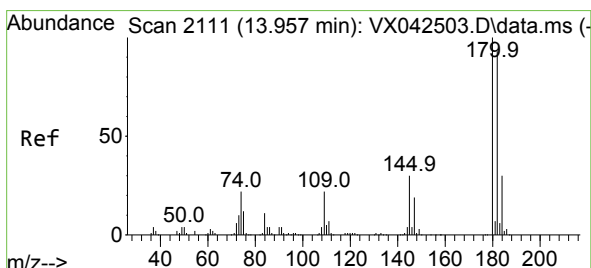
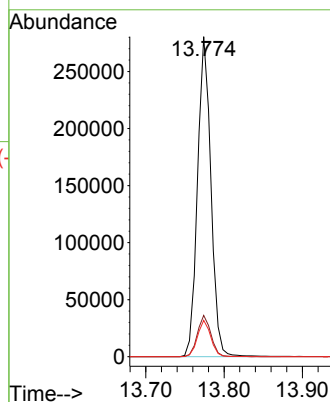
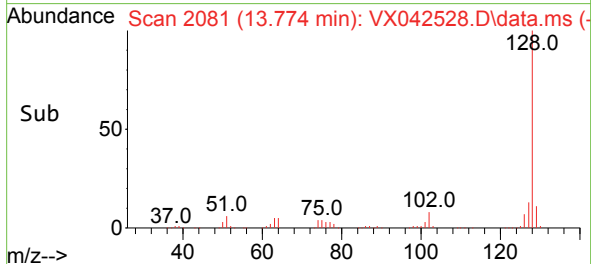


#71
Naphthalene
Concen: 55.736 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20

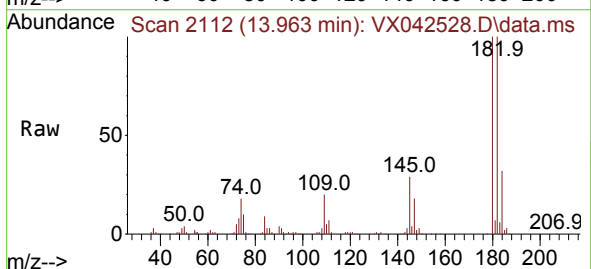
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 334806
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 54.854 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX042528.D
Acq: 24 Jul 2024 19:20



Tgt Ion:180 Resp: 112632
Ion Ratio Lower Upper
180 100
182 98.7 76.2 114.4
145 29.5 23.0 34.6

