

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072724\
 Data File : VX042583.D
 Acq On : 25 Jul 2024 21:37
 Operator : JC/MD
 Sample : P3334-22MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 26 01:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 00:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	149842	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	141171	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	31025	35.572	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.140%
7) Chloroethane-d5	1.648	69	23425	42.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.320%
11) 1,1-Dichloroethene-d2	2.294	65	15814	41.429	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.860%
21) 2-Butanone-d5	4.464	46	74051	117.817	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.820%
24) Chloroform-d	5.056	84	93373	53.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.500%
26) 1,2-Dichloroethane-d4	5.958	65	59546	57.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.060%
32) Benzene-d6	5.970	84	176307	48.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	7.312	67	56431	51.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.780%
41) Toluene-d8	8.647	98	161777	47.576	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	8.951	79	24430	51.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.960%
47) 2-Hexanone-d5	9.384	63	55315	110.973	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.970%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	87309	53.780	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.560%
66) 1,2-Dichlorobenzene-d4	12.323	152	69354	51.908	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37583	35.065	ug/L	99
3) Chloromethane	1.300	50	51124	47.201	ug/L	97
5) Vinyl chloride	1.374	62	42268	39.676	ug/L	99
6) Bromomethane	1.599	94	23669	40.774	ug/L	97
8) Chloroethane	1.666	64	24057	45.305	ug/L	98
9) Trichlorofluoromethane	1.873	101	48149	34.728	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	31207	32.660	ug/L	99
12) 1,1-Dichloroethene	2.312	96	38862	42.938	ug/L	85
13) Acetone	2.392	43	50175	117.021	ug/L	99
14) Carbon disulfide	2.507	76	96743	42.966	ug/L	99
15) Methyl Acetate	2.709	43	58343	53.554	ug/L	100
16) Methylene chloride	2.788	84	52507	47.022	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	44577	47.886	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	161902	53.186	ug/L	98
19) 1,1-Dichloroethane	3.605	63	84461	50.526	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	56302	51.482	ug/L	99
22) 2-Butanone	4.568	43	82199	114.528	ug/L	100
23) Bromochloromethane	4.903	128	29799	50.986	ug/L	98
25) Chloroform	5.092	83	93328	53.248	ug/L	99

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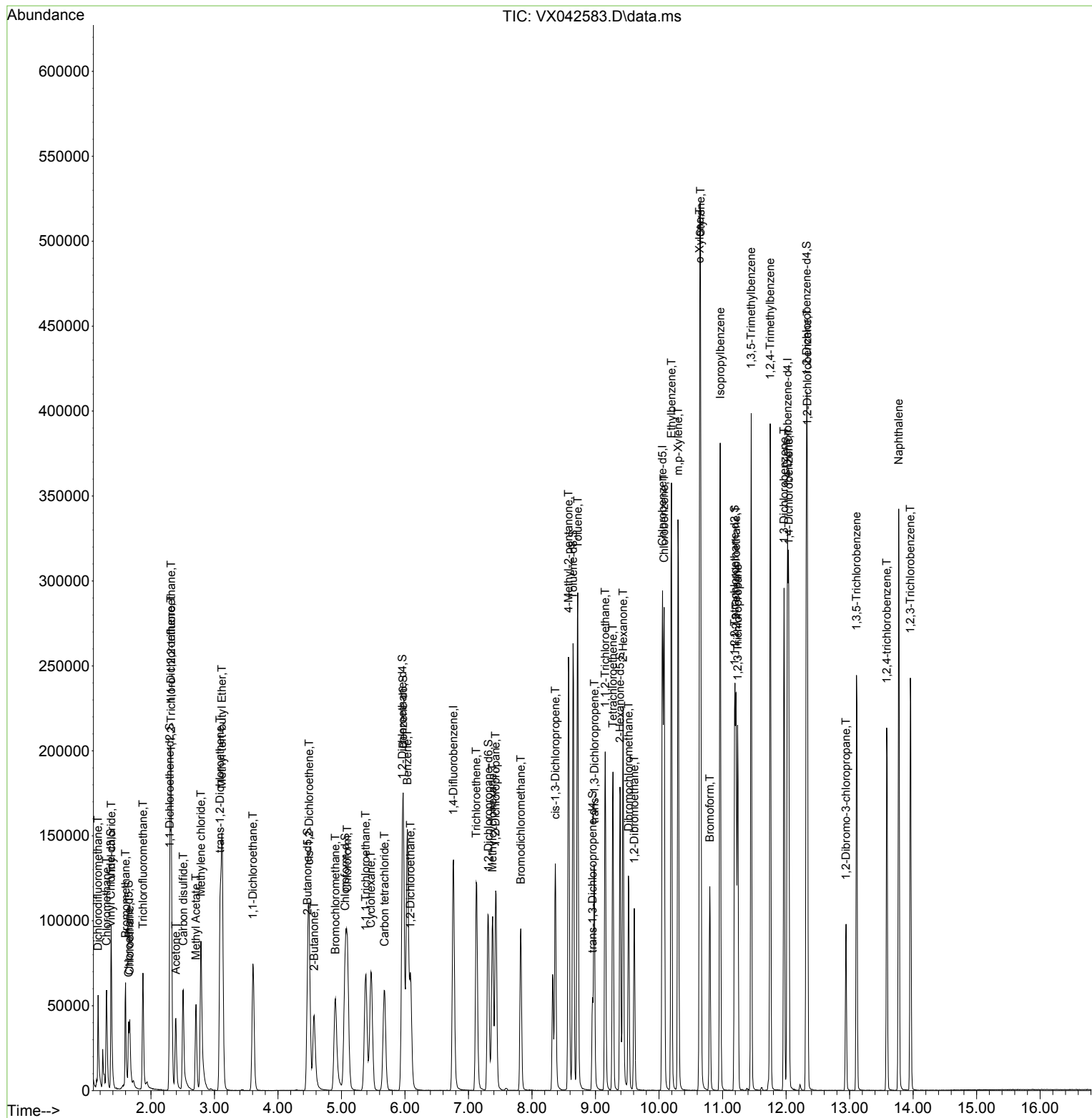
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	72137	55.537	ug/L	98
29) Cyclohexane	5.464	56	47793	31.326	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	71132	46.281	ug/L	99
31) Carbon tetrachloride	5.678	117	58517	43.587	ug/L	100
33) Benzene	6.037	78	191448	48.496	ug/L	100
34) Trichloroethene	7.123	95	47735	46.162	ug/L	97
35) Methylcyclohexane	7.379	83	46884	29.902	ug/L	98
37) 1,2-Dichloropropane	7.427	63	50220	49.580	ug/L	100
38) Bromodichloromethane	7.824	83	63404	51.116	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	71843	48.170	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	150667	104.285	ug/L	99
42) Toluene	8.720	91	201594	47.858	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	67083	50.166	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	54834	50.594	ug/L	95
46) Tetrachloroethene	9.275	164	40640	41.986	ug/L	97
48) 2-Hexanone	9.433	43	117586	103.639	ug/L	99
49) Dibromochloromethane	9.518	129	56791	51.451	ug/L	98
50) 1,2-Dibromoethane	9.610	107	59595	51.199	ug/L	99
51) Chlorobenzene	10.079	112	135081	46.716	ug/L	100
52) Ethylbenzene	10.195	91	207121	45.247	ug/L	98
53) m,p-Xylene	10.299	106	83743	45.451	ug/L	98
54) o-Xylene	10.640	106	86478	46.987	ug/L	98
55) Styrene	10.652	104	143678	46.851	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	88669	50.974	ug/L	98
59) Bromoform	10.799	173	47113	54.640	ug/L	98
60) Isopropylbenzene	10.963	105	204071	47.384	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	67916	55.602	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	170583	52.088	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	172692	49.204	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	102224	47.329	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	103539	47.390	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	110011	49.479	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	17355	55.504	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	69108	44.037	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	59694	41.821	ug/L	98
71) Naphthalene	13.774	128	219964	49.850	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	68619	45.494	ug/L	100

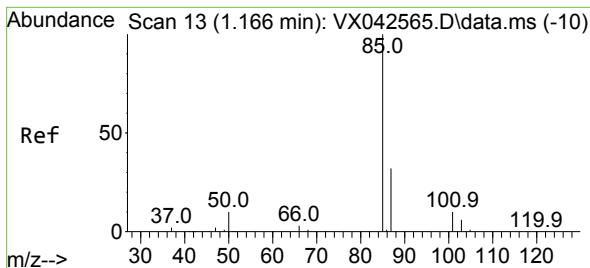
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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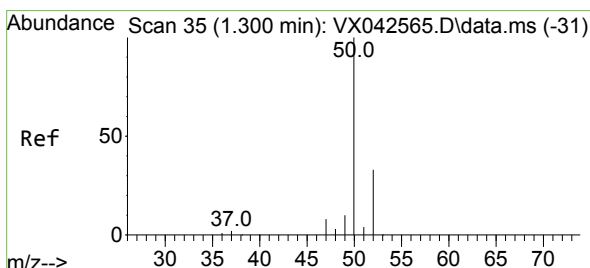
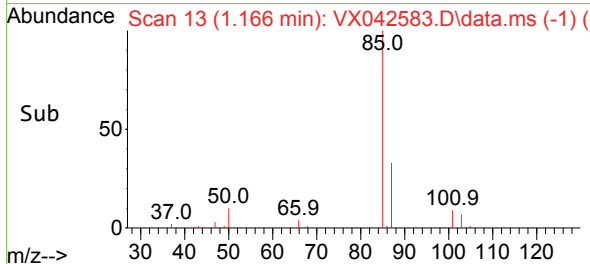
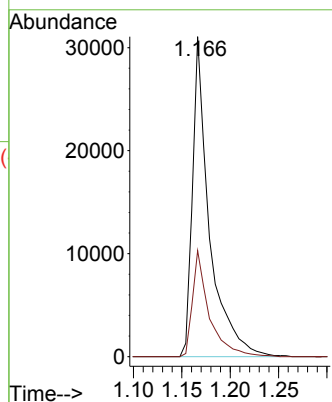
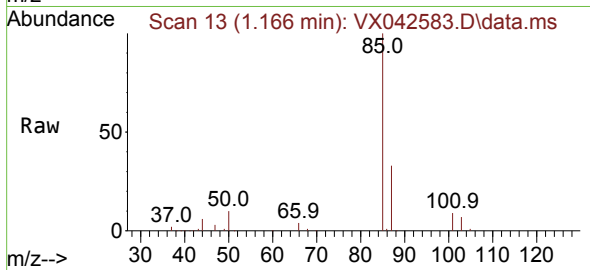




#2
 Dichlorodifluoromethane
 Concen: 35.065 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042583.D
 Acq: 25 Jul 2024 21:37

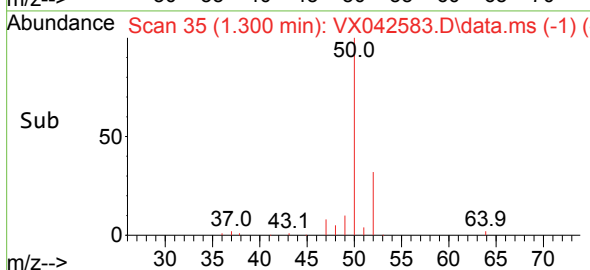
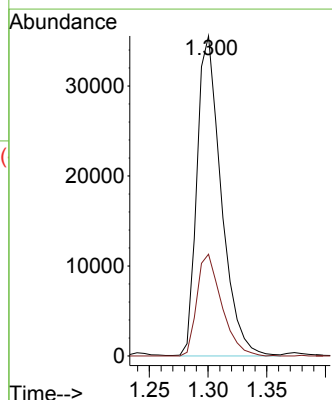
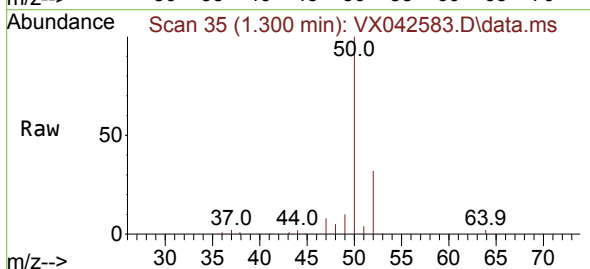
Instrument :
 MSVOA_X
 ClientSampleId :

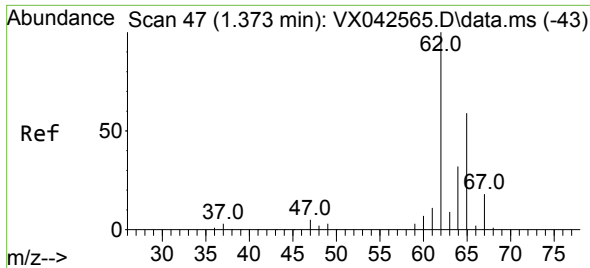
Tgt Ion: 85 Resp: 37583
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 47.201 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX042583.D
 Acq: 25 Jul 2024 21:37

Tgt Ion: 50 Resp: 51124
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.5 43.7

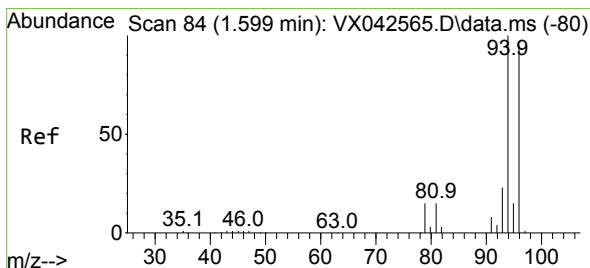
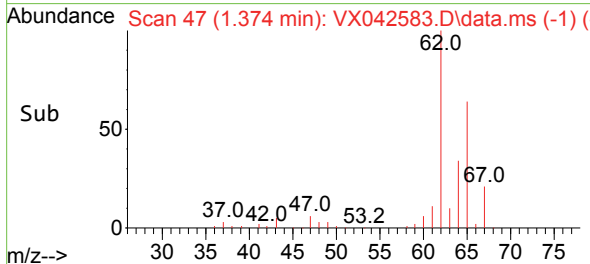
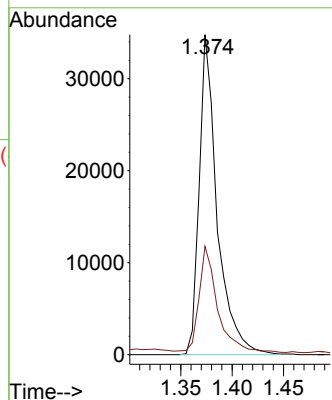
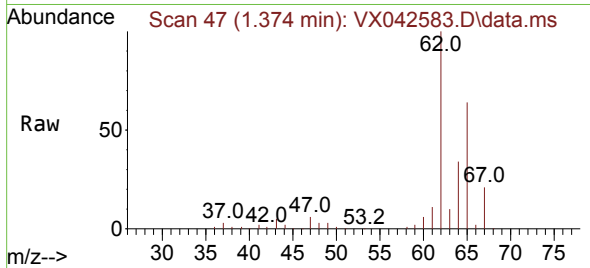




#5
Vinyl chloride
Concen: 39.676 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

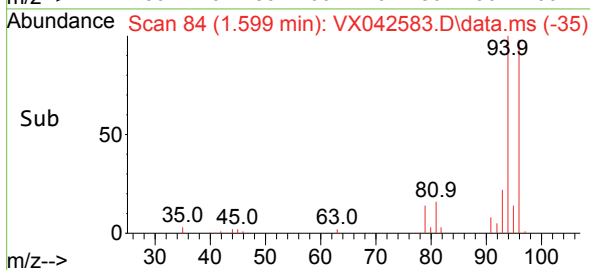
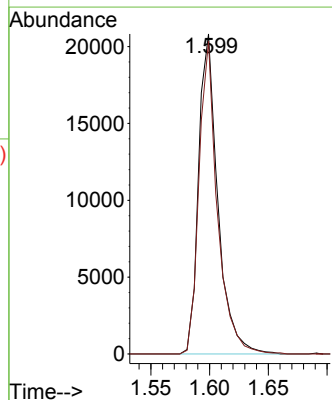
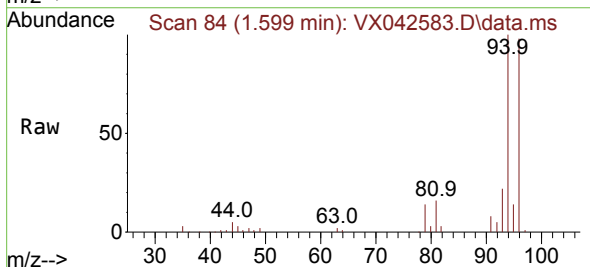
Instrument :
MSVOA_X
ClientSampleId :

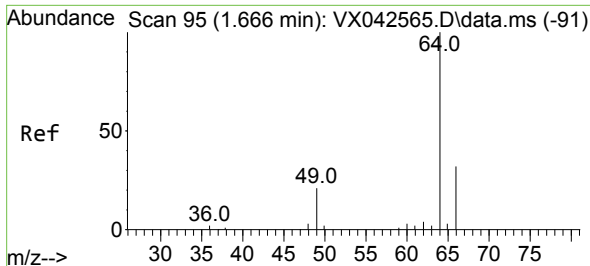
Tgt Ion: 62 Resp: 42268
Ion Ratio Lower Upper
62 100
64 33.8 23.2 43.0



#6
Bromomethane
Concen: 40.774 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion: 94 Resp: 23669
Ion Ratio Lower Upper
94 100
96 97.8 66.4 123.4

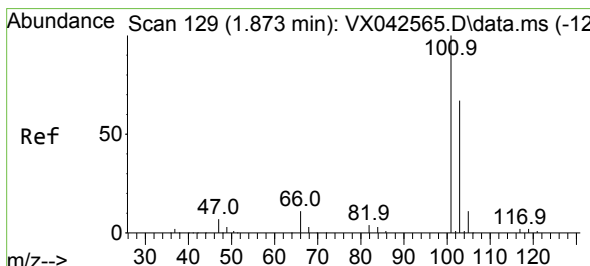
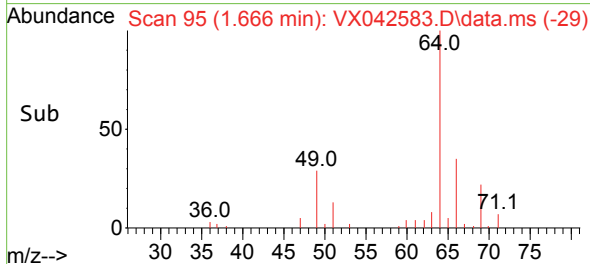
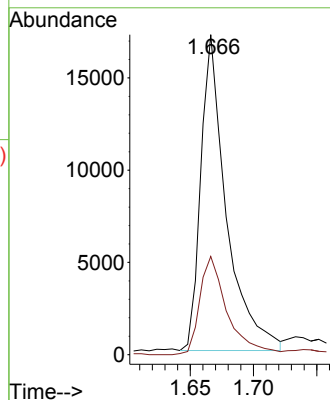
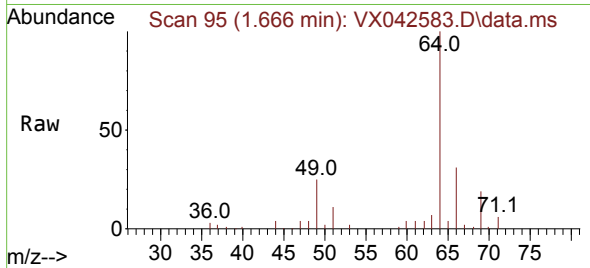




#8
Chloroethane
Concen: 45.305 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

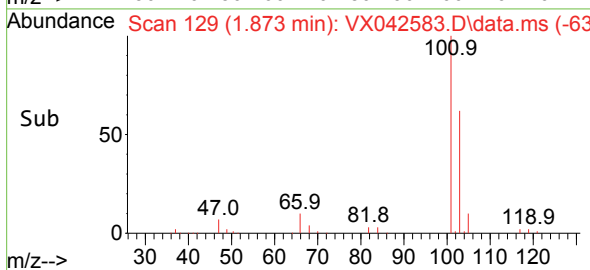
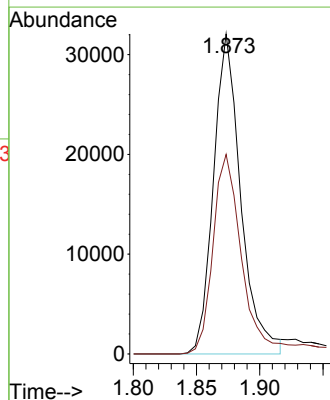
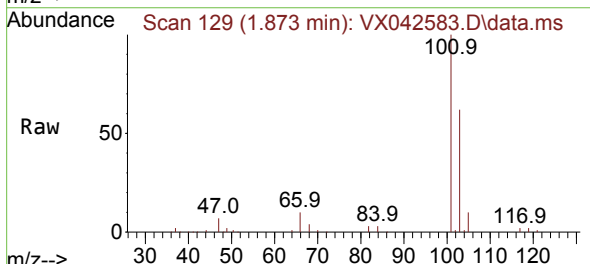
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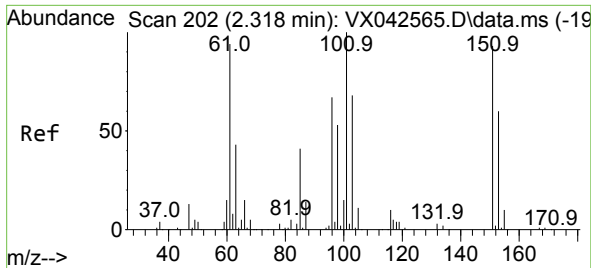
Tgt Ion: 64 Resp: 24057
Ion Ratio Lower Upper
64 100
66 30.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 34.728 ug/L
RT: 1.873 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion: 101 Resp: 48149
Ion Ratio Lower Upper
101 100
103 65.8 50.2 75.4

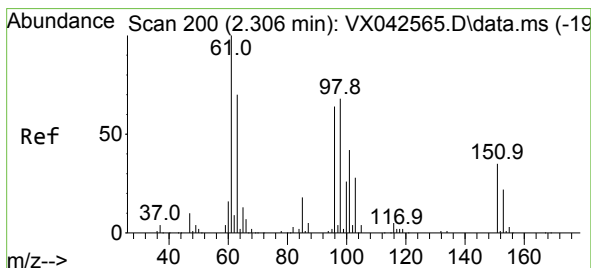
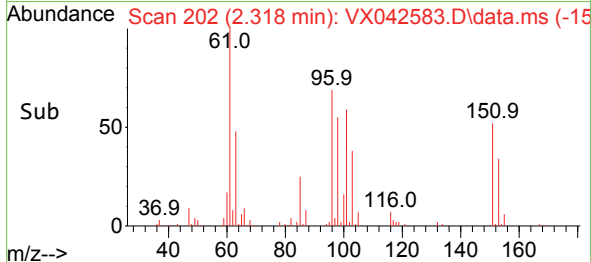
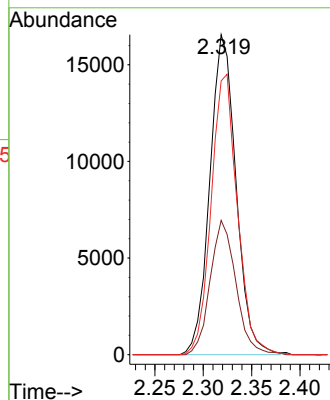
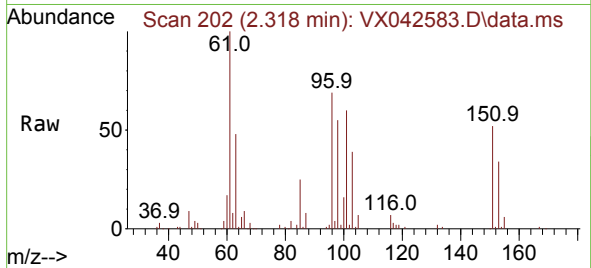




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 32.660 ug/L
RT: 2.318 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

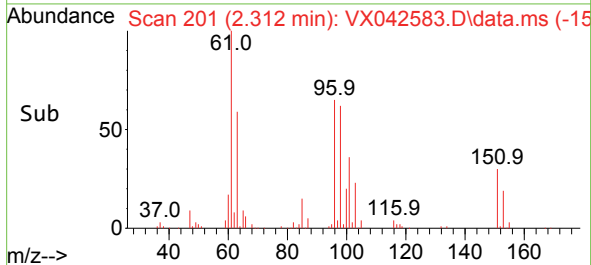
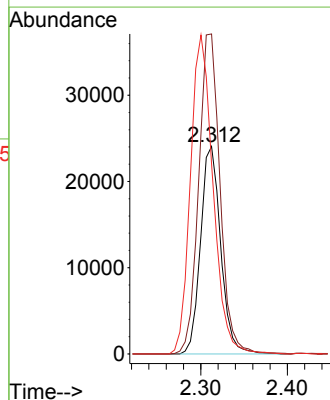
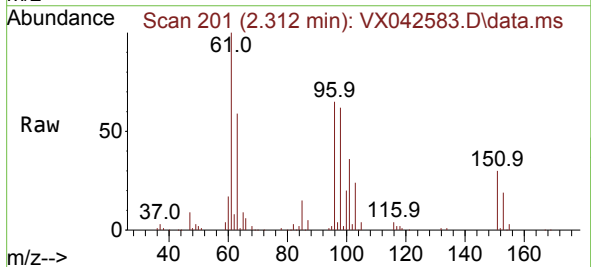
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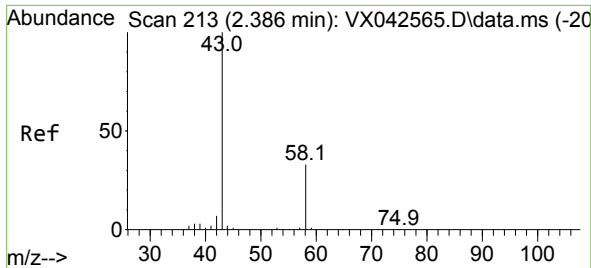
Tgt Ion:101 Resp: 31207
Ion Ratio Lower Upper
101 100
85 41.2 31.3 46.9
151 87.6 69.7 104.5



#12
1,1-Dichloroethene
Concen: 42.938 ug/L
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion: 96 Resp: 38862
Ion Ratio Lower Upper
96 100
61 154.2 106.7 198.1
63 91.7 89.2 165.6





#13

Acetone

Concen: 117.021 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

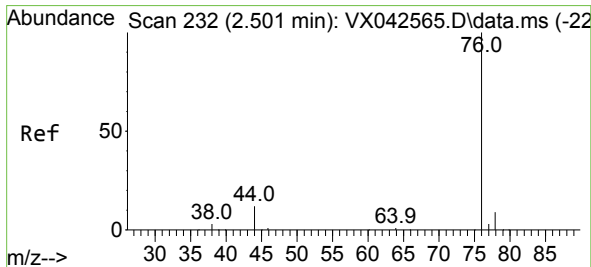
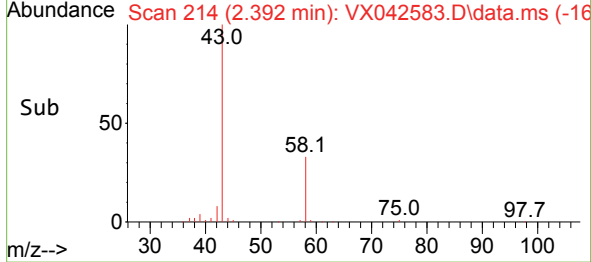
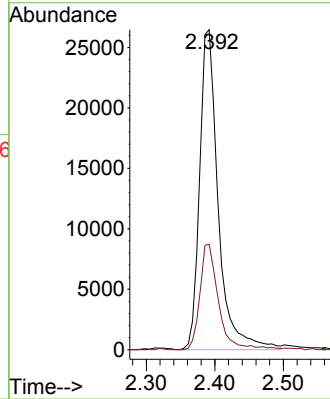
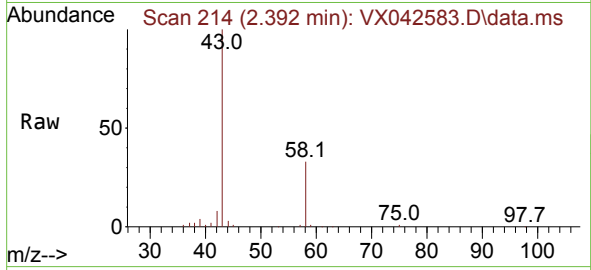
ClientSampleId :

Tgt Ion: 43 Resp: 50175

Ion Ratio Lower Upper

43 100

58 31.7 0.0 62.6



#14

Carbon disulfide

Concen: 42.966 ug/L

RT: 2.507 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX042583.D

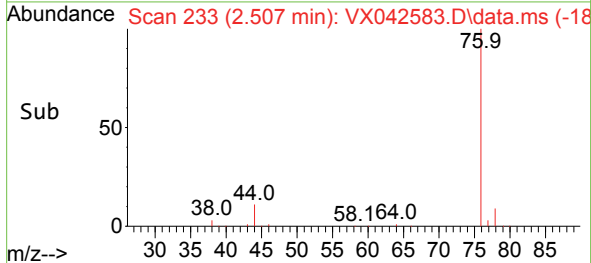
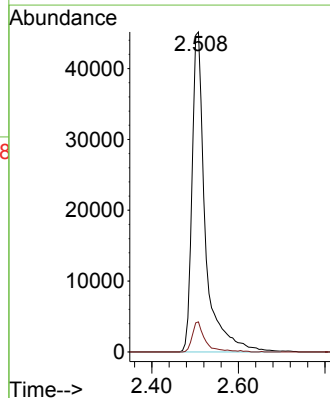
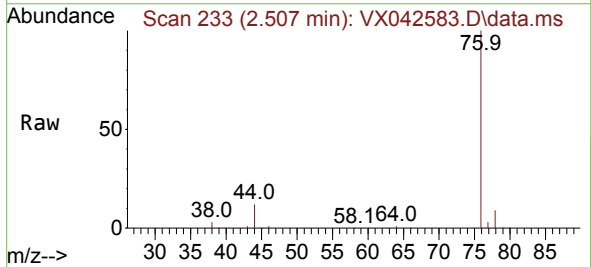
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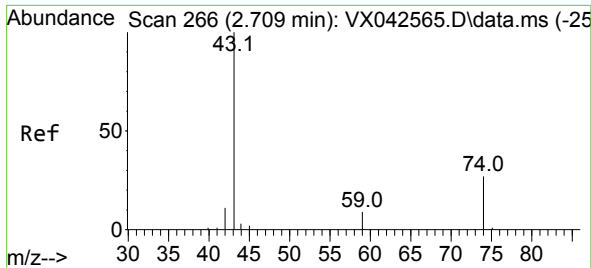
Tgt Ion: 76 Resp: 96743

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

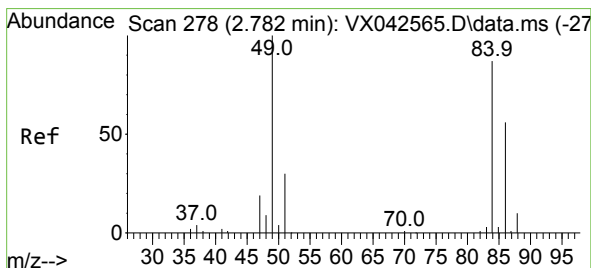
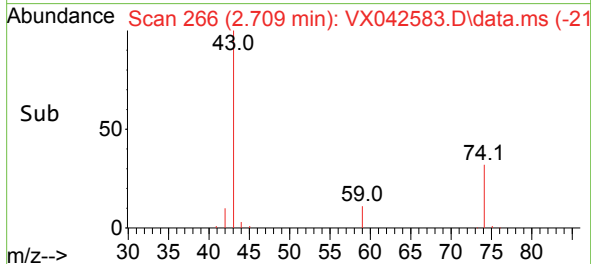
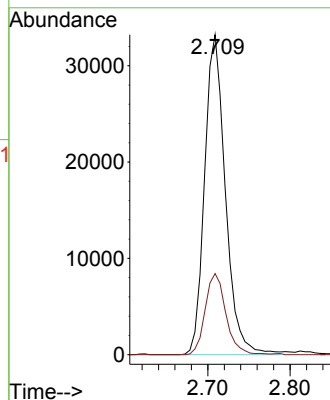
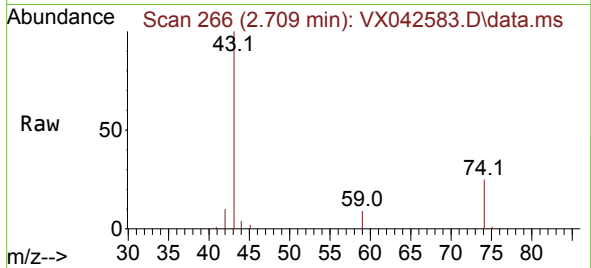




#15
Methyl Acetate
Concen: 53.554 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

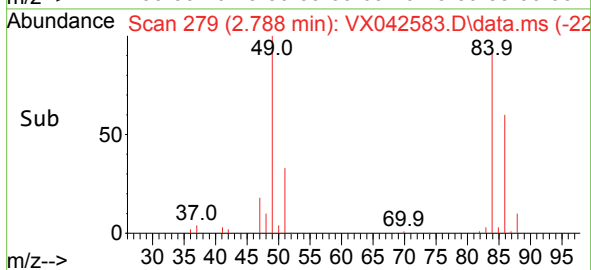
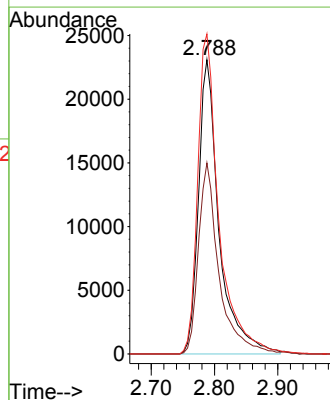
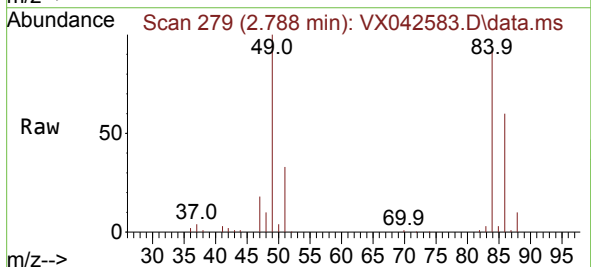
Instrument :
MSVOA_X
ClientSampleId :

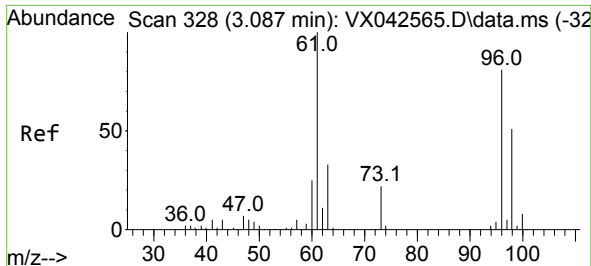
Tgt Ion: 43 Resp: 58343
Ion Ratio Lower Upper
43 100
74 25.0 20.1 30.1



#16
Methylene chloride
Concen: 47.022 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

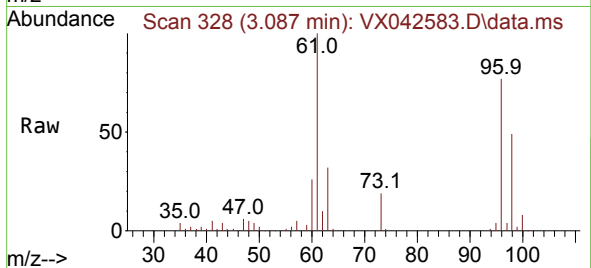
Tgt Ion: 84 Resp: 52507
Ion Ratio Lower Upper
84 100
86 65.0 45.7 84.9
49 108.8 76.4 141.8



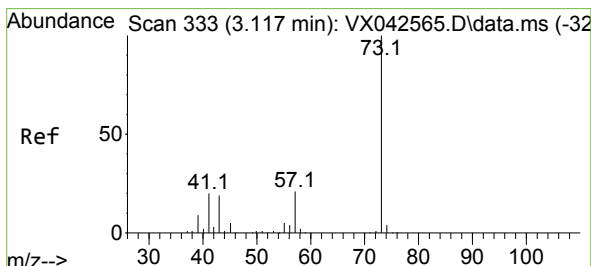
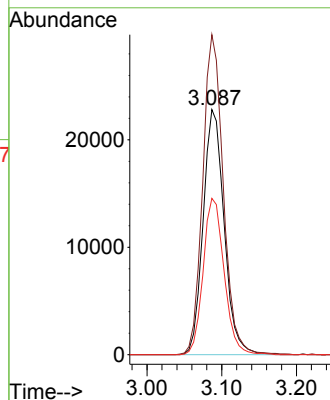
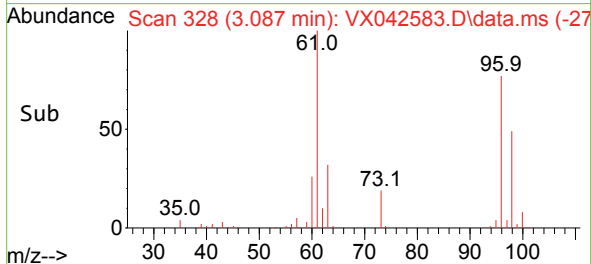


#17
trans-1,2-Dichloroethene
Concen: 47.886 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Instrument :
MSVOA_X
ClientSampleId :

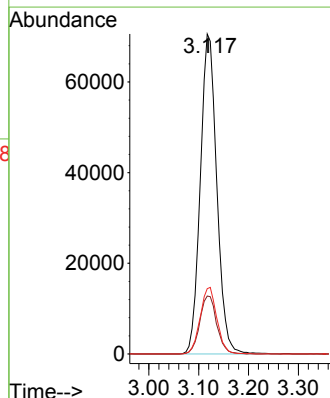
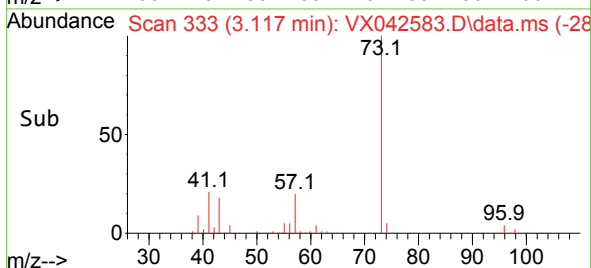
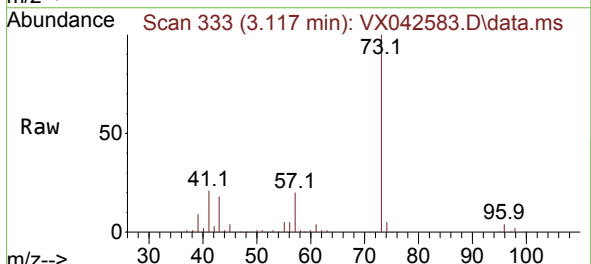


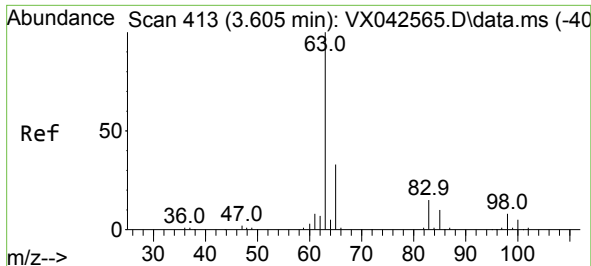
Tgt Ion: 96 Resp: 44577
Ion Ratio Lower Upper
96 100
61 130.6 88.4 164.2
98 63.8 46.5 86.5



#18
Methyl tert-butyl Ether
Concen: 53.186 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion: 73 Resp: 161902
Ion Ratio Lower Upper
73 100
43 18.7 14.5 21.7
57 21.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.526 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

ClientSampleId :

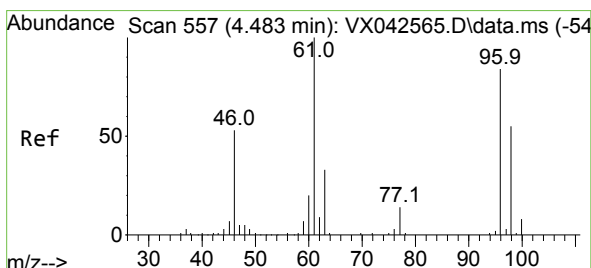
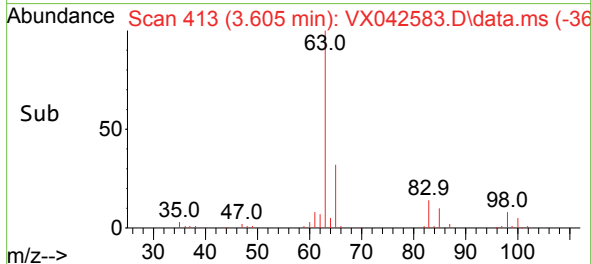
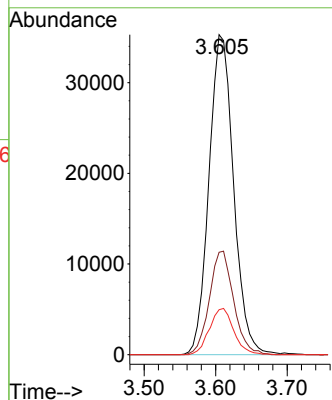
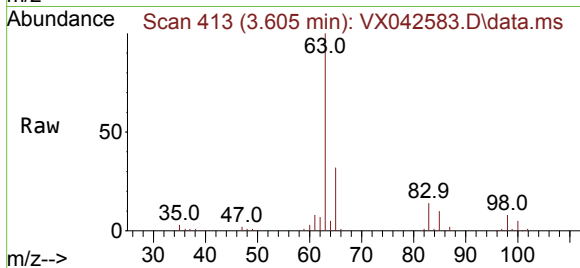
Tgt Ion: 63 Resp: 84461

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 14.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 51.482 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

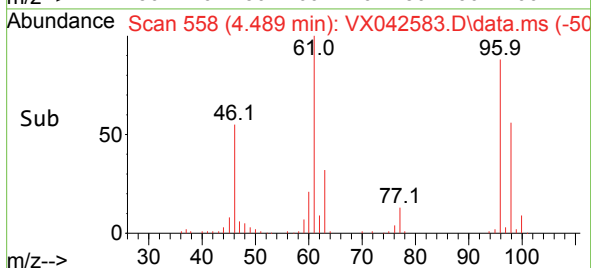
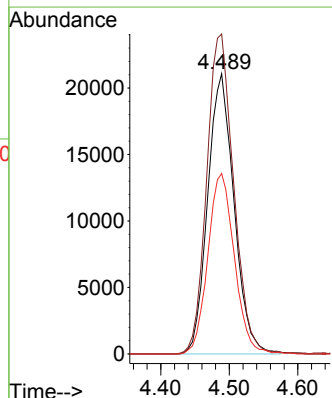
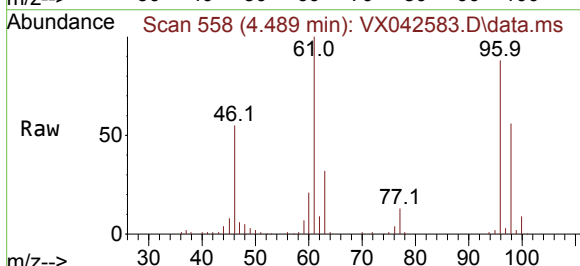
Tgt Ion: 96 Resp: 56302

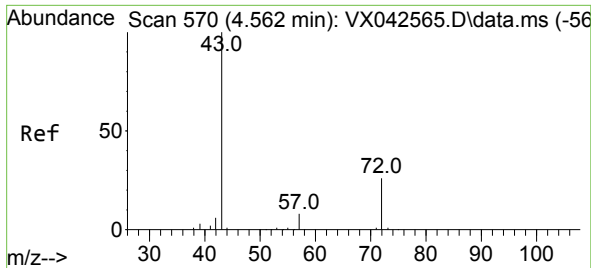
Ion Ratio Lower Upper

96 100

61 114.2 80.5 149.5

98 64.4 45.7 84.9

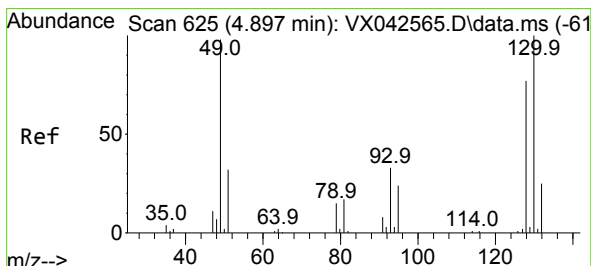
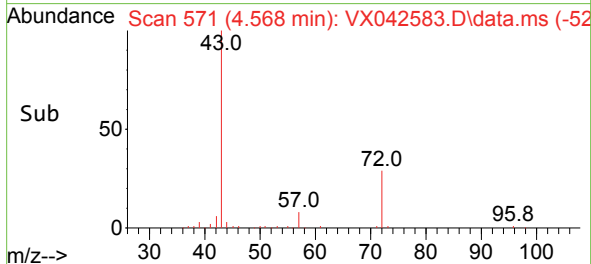
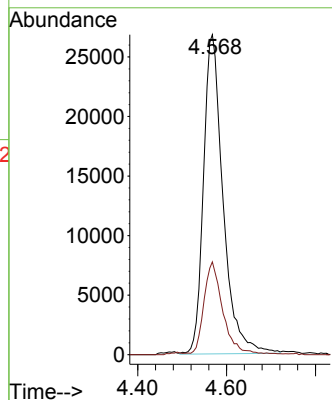
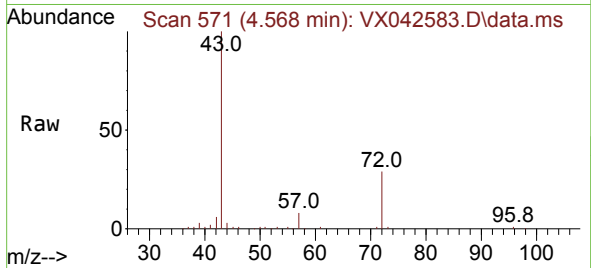




#22
2-Butanone
Concen: 114.528 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

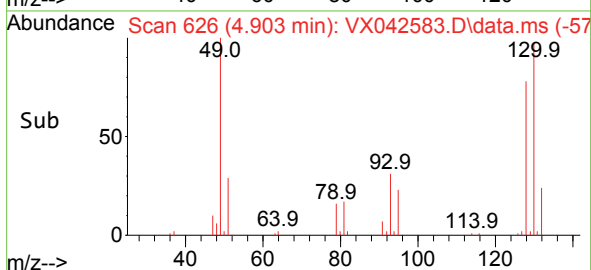
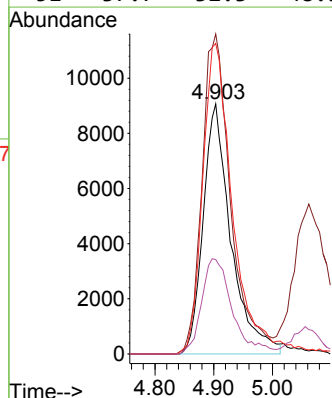
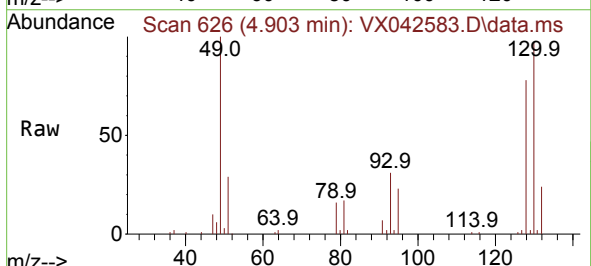
Instrument :
MSVOA_X
ClientSampleId :

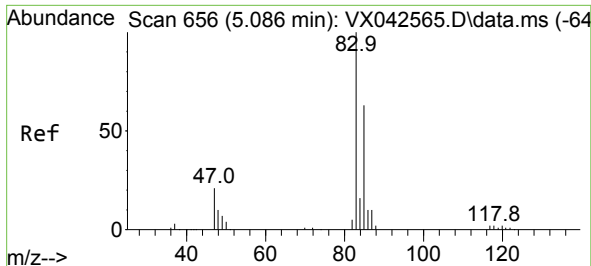
Tgt Ion: 43 Resp: 82199
Ion Ratio Lower Upper
43 100
72 27.2 13.7 41.1



#23
Bromochloromethane
Concen: 50.986 ug/L
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion:128 Resp: 29799
Ion Ratio Lower Upper
128 100
49 127.9 89.7 166.7
130 124.2 90.0 167.2
51 37.7 32.3 48.5





#25

Chloroform

Concen: 53.248 ug/L

RT: 5.092 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

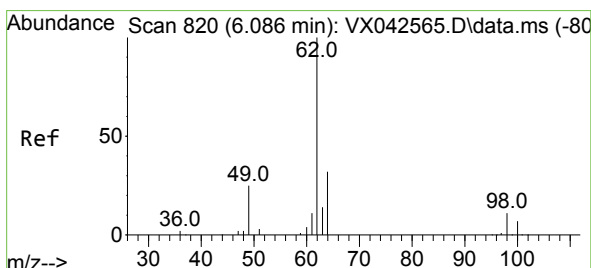
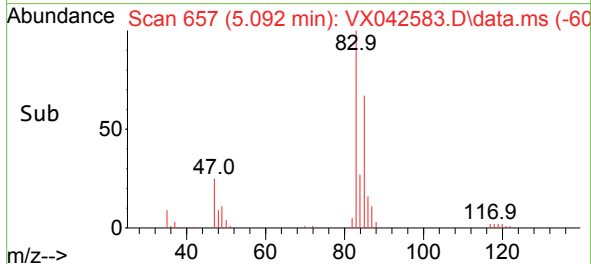
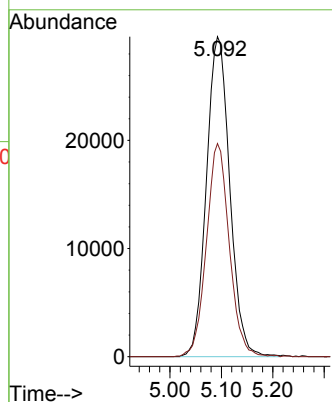
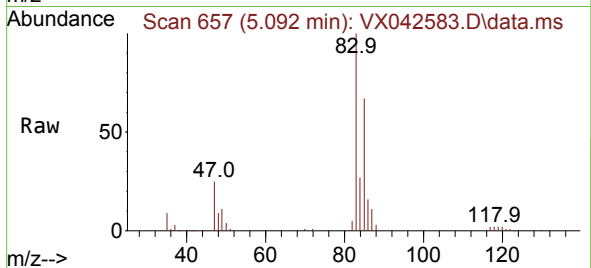
ClientSampleId :

Tgt Ion: 83 Resp: 93328

Ion Ratio Lower Upper

83 100

85 66.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 55.537 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042583.D

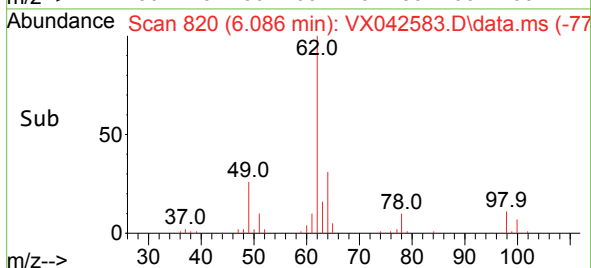
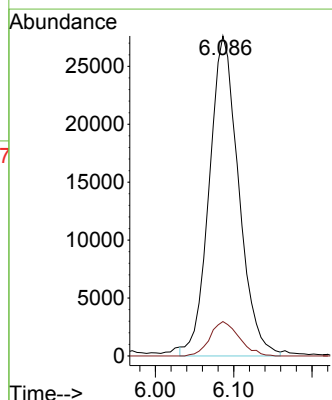
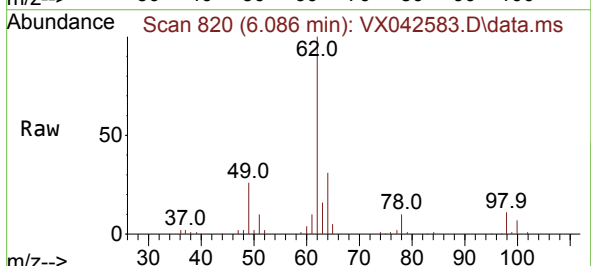
Acq: 25 Jul 2024 21:37

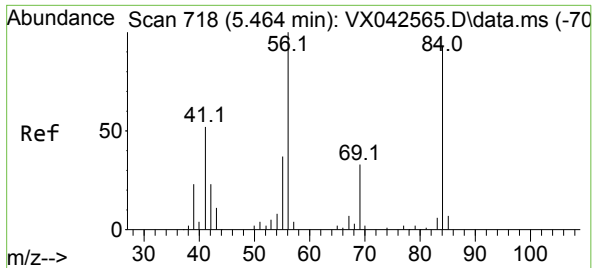
Tgt Ion: 62 Resp: 72137

Ion Ratio Lower Upper

62 100

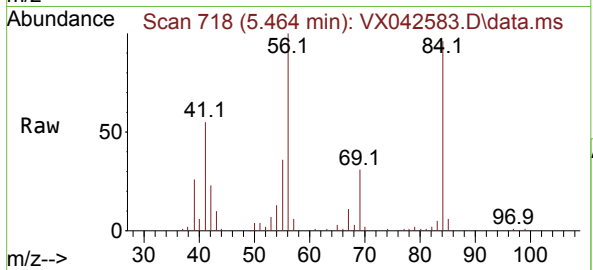
98 10.8 9.3 13.9



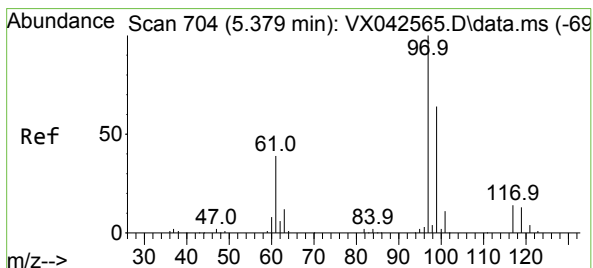
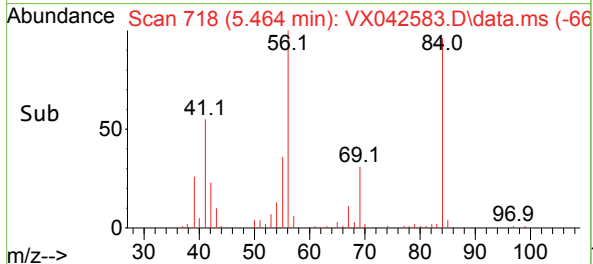
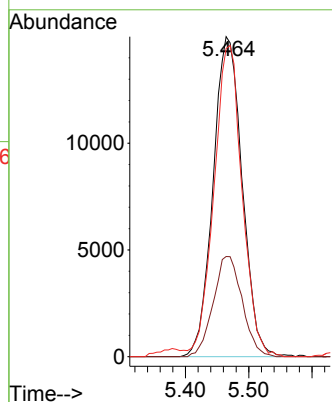


#29
Cyclohexane
Concen: 31.326 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Instrument :
MSVOA_X
ClientSampleId :

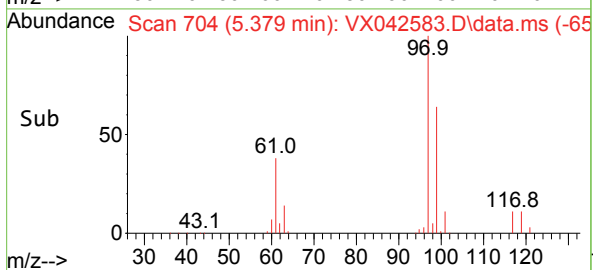
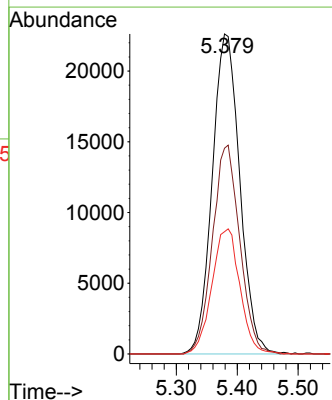
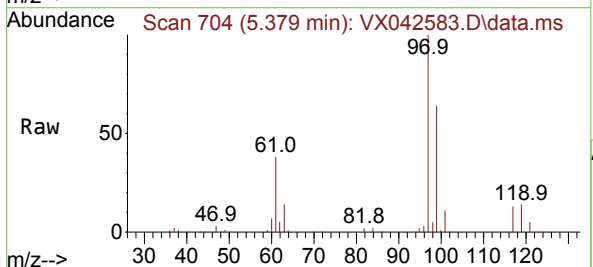


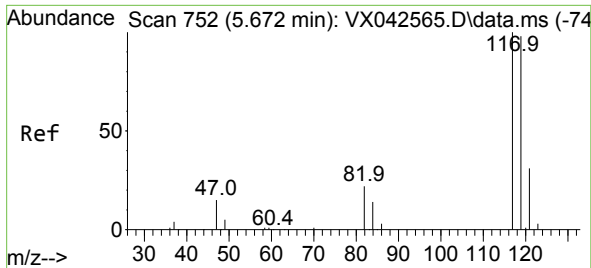
Tgt Ion:	56	Resp:	47793
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.3	37.9
84	94.5	74.0	111.0



#30
1,1,1-Trichloroethane
Concen: 46.281 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion:	97	Resp:	71132
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	39.7	31.2	46.8

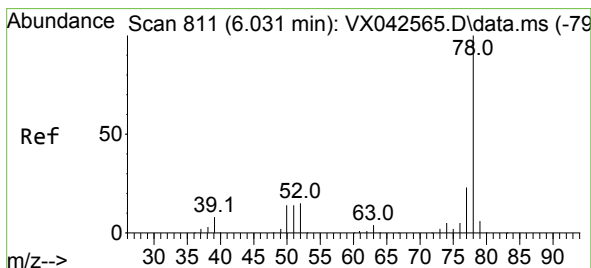
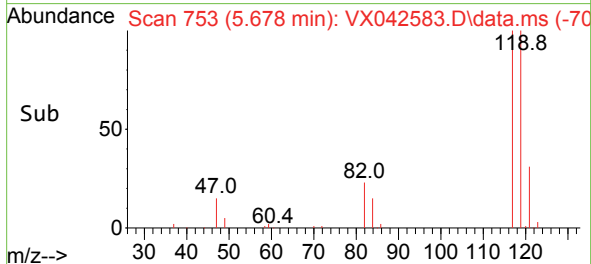
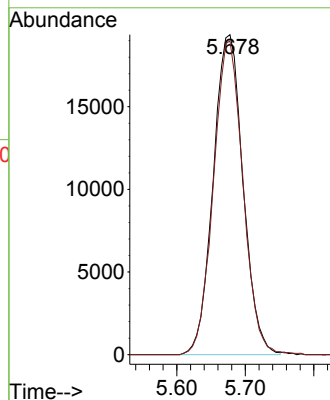
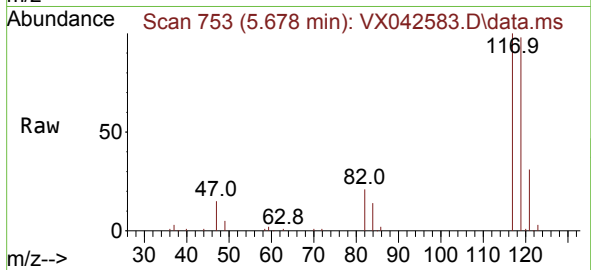




#31
Carbon tetrachloride
Concen: 43.587 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

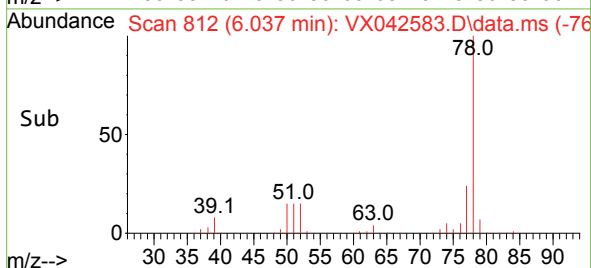
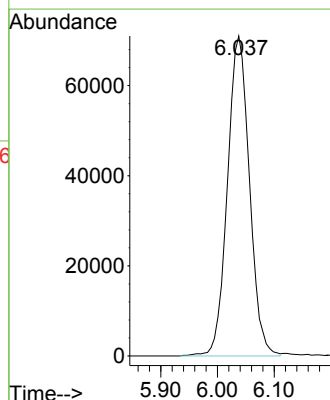
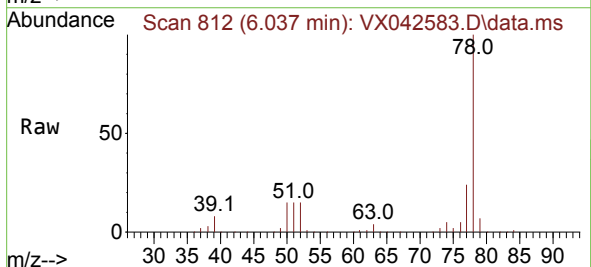
Instrument :
MSVOA_X
ClientSampleId :

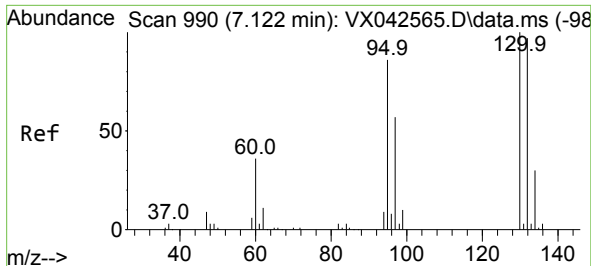
Tgt Ion:117 Resp: 58517
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 48.496 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

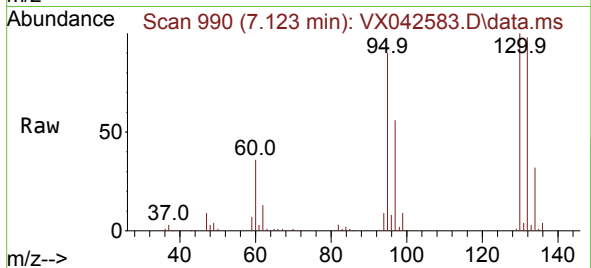
Tgt Ion: 78 Resp: 191448



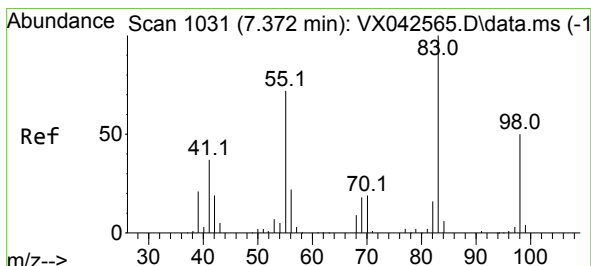
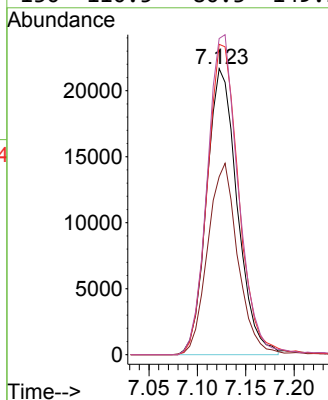
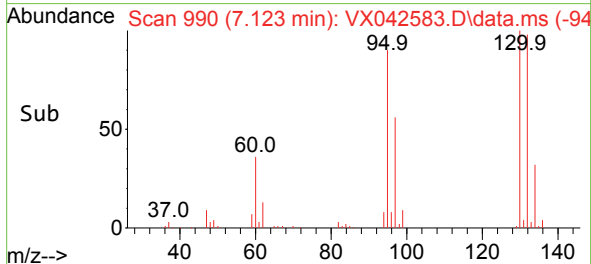


#34
Trichloroethene
Concen: 46.162 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

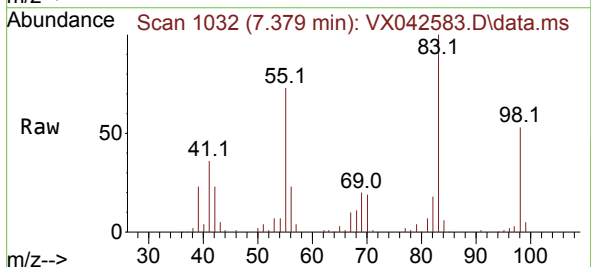
Instrument :
MSVOA_X
ClientSampleId :



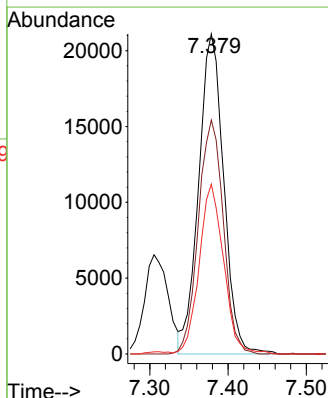
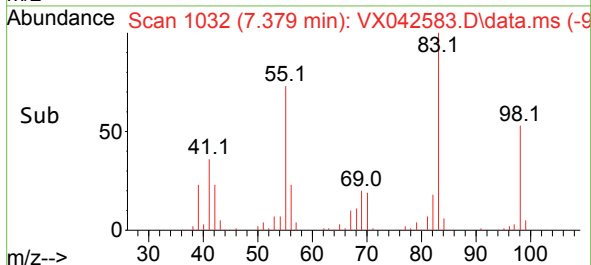
Tgt Ion: 95 Resp: 47735
Ion Ratio Lower Upper
95 100
97 62.2 45.1 83.7
132 108.5 77.2 143.4
130 110.5 80.3 149.1

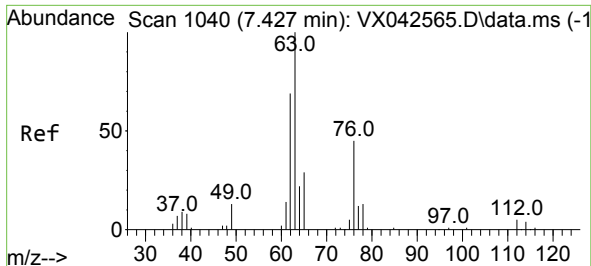


#35
Methylcyclohexane
Concen: 29.902 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37



Tgt Ion: 83 Resp: 46884
Ion Ratio Lower Upper
83 100
55 72.9 56.4 84.6
98 50.7 40.4 60.6





#37

1,2-Dichloropropane

Concen: 49.580 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

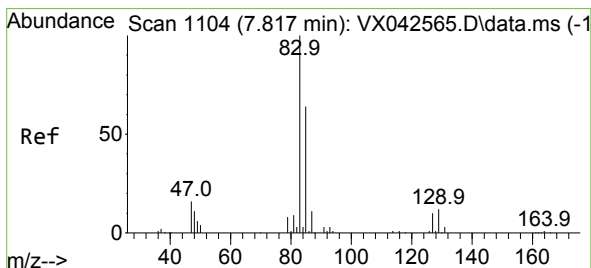
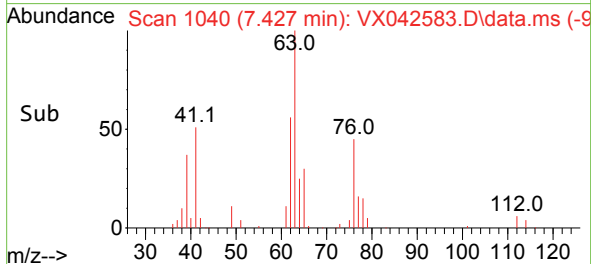
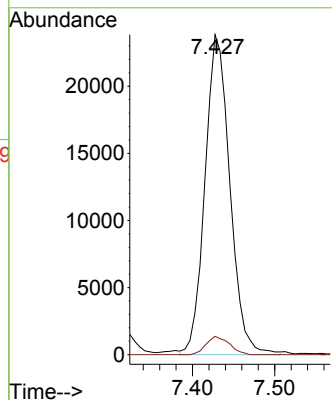
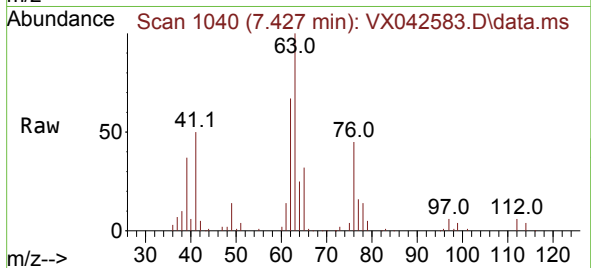
ClientSampleId :

Tgt Ion: 63 Resp: 50220

Ion Ratio Lower Upper

63 100

112 5.3 4.3 6.5



#38

Bromodichloromethane

Concen: 51.116 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

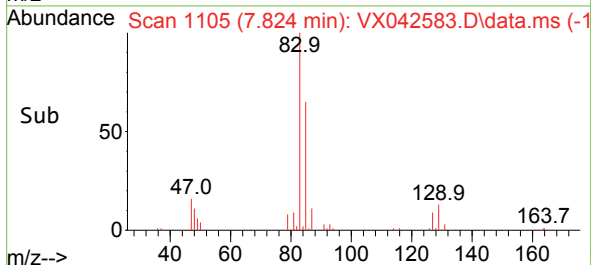
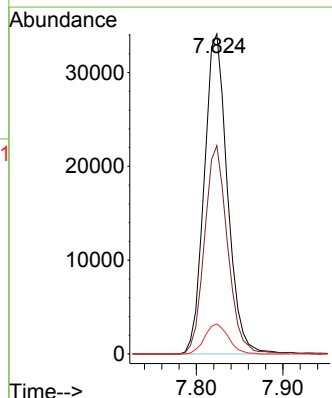
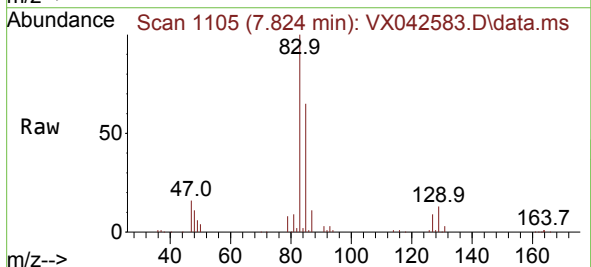
Tgt Ion: 83 Resp: 63404

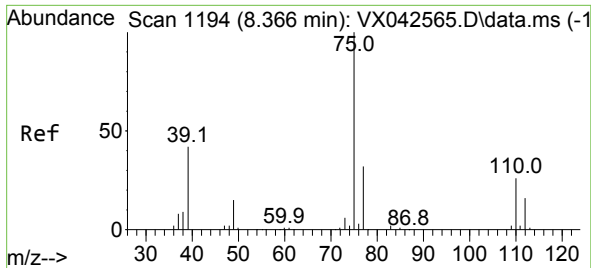
Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2

127 9.4 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 48.170 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

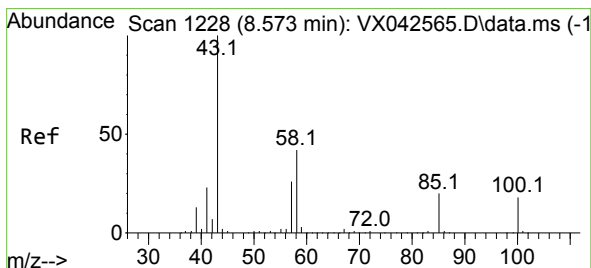
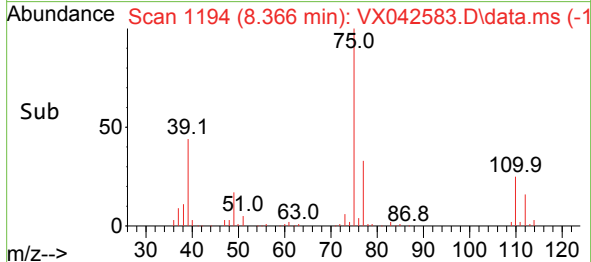
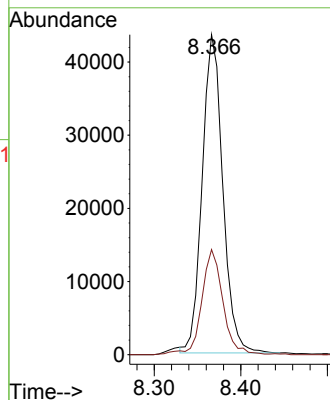
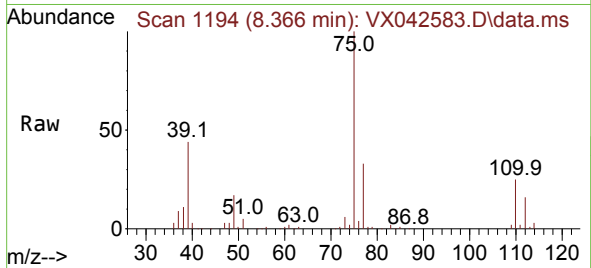
ClientSampleId :

Tgt Ion: 75 Resp: 71843

Ion Ratio Lower Upper

75 100

77 32.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 104.285 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

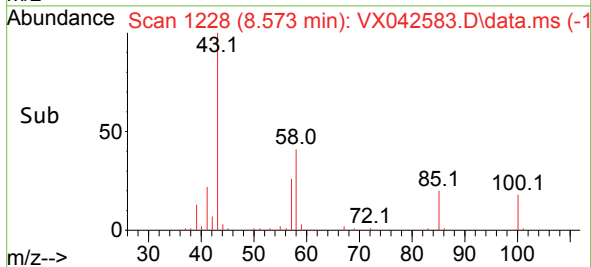
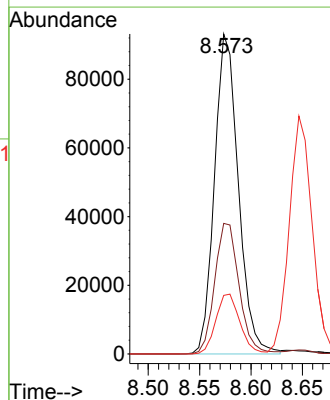
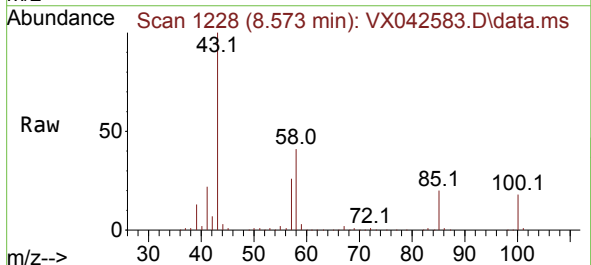
Tgt Ion: 43 Resp: 150667

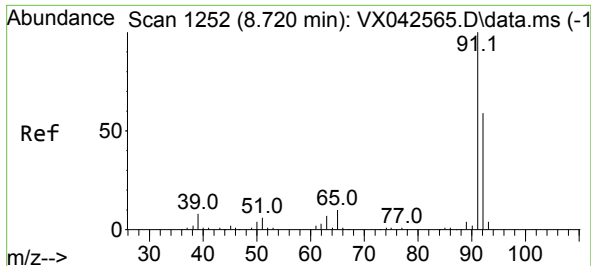
Ion Ratio Lower Upper

43 100

58 41.5 33.7 50.5

100 18.9 15.4 23.2





#42

Toluene

Concen: 47.858 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

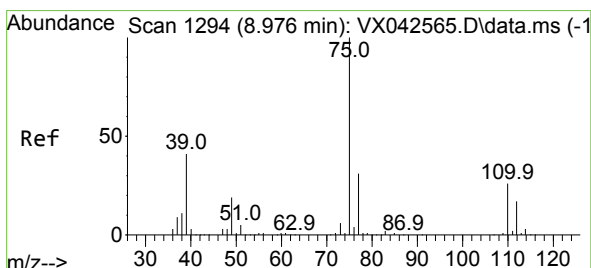
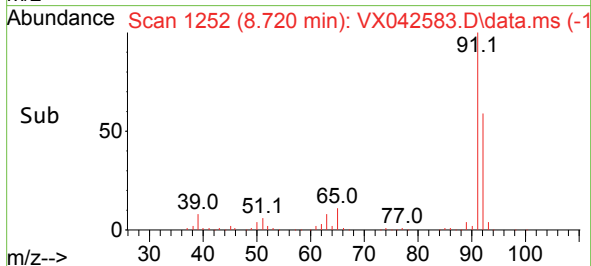
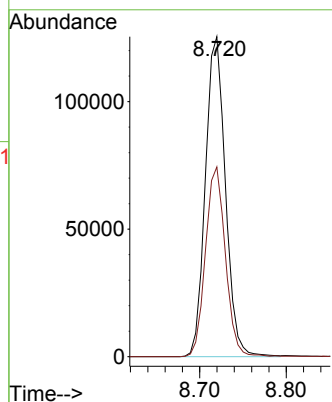
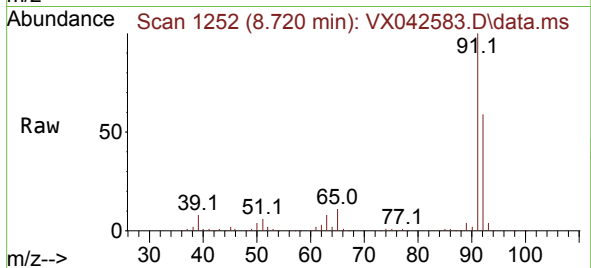
ClientSampleId :

Tgt Ion: 91 Resp: 201594

Ion Ratio Lower Upper

91 100

92 59.3 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 50.166 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX042583.D

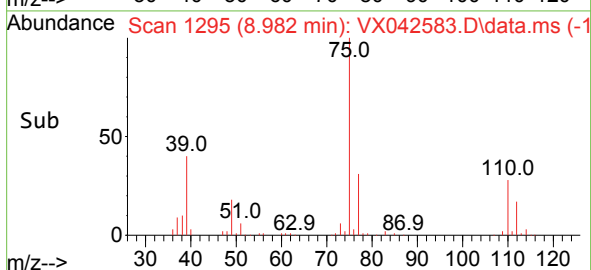
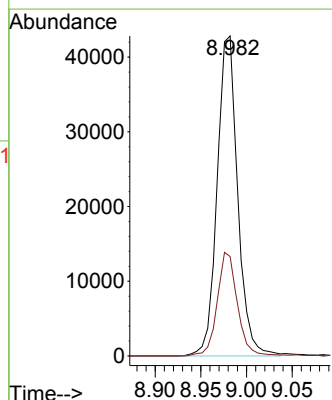
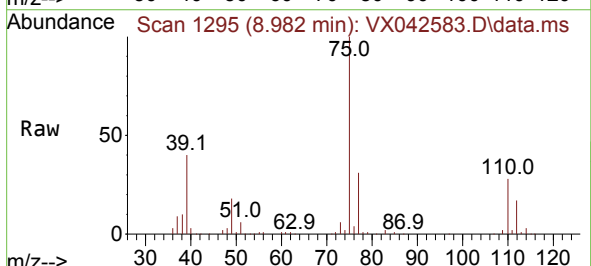
Acq: 25 Jul 2024 21:37

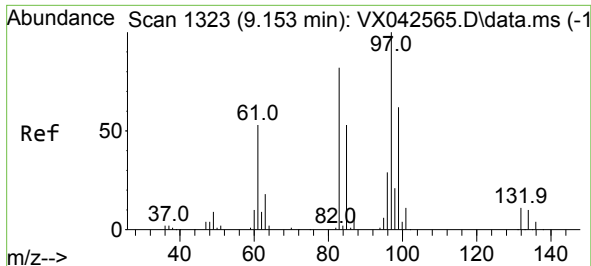
Tgt Ion: 75 Resp: 67083

Ion Ratio Lower Upper

75 100

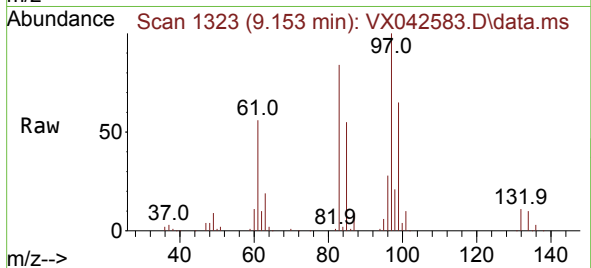
77 31.0 22.2 41.2



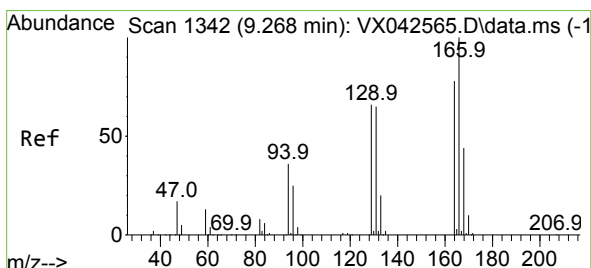
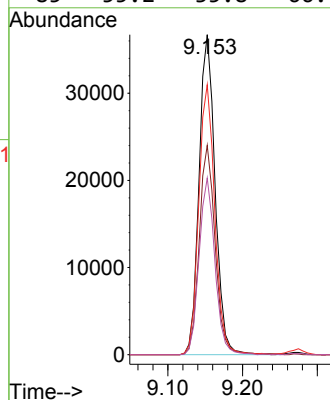
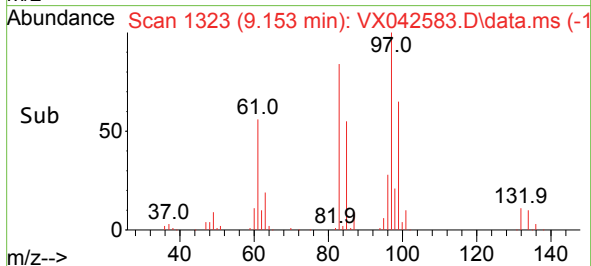


#45
1,1,2-Trichloroethane
Concen: 50.594 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

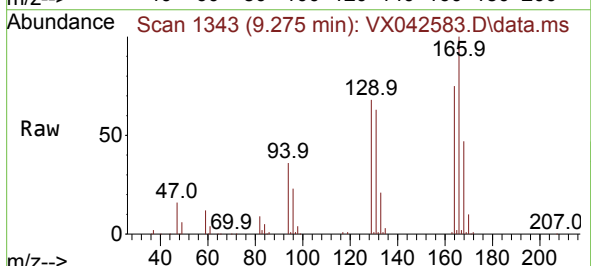
Instrument :
MSVOA_X
ClientSampleId :



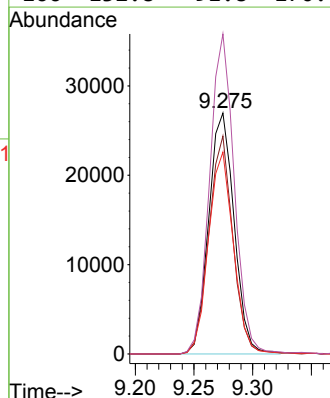
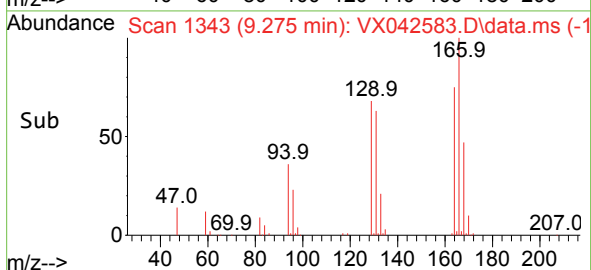
Tgt Ion:	97	Resp:	54834
Ion	Ratio	Lower	Upper
97	100		
99	65.4	43.3	80.3
83	84.3	56.2	104.4
85	55.2	35.8	66.4

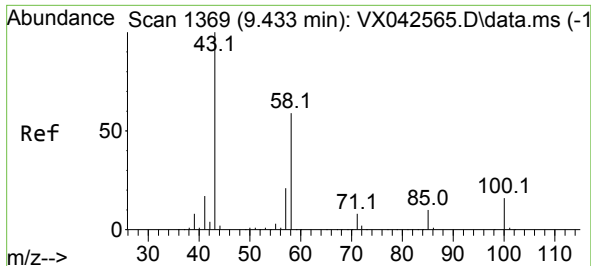


#46
Tetrachloroethene
Concen: 41.986 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37



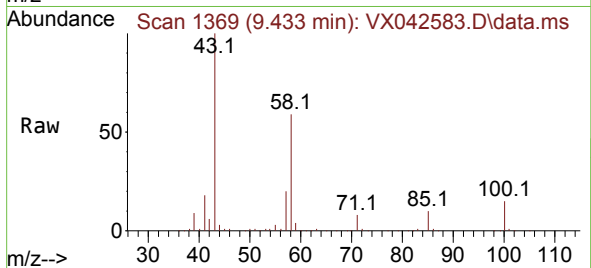
Tgt Ion:	164	Resp:	40640
Ion	Ratio	Lower	Upper
164	100		
129	90.4	58.6	108.8
131	83.8	57.9	107.5
166	132.8	91.8	170.4





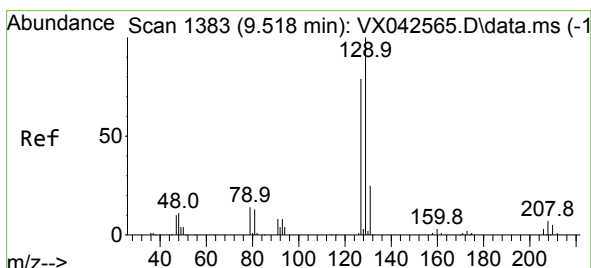
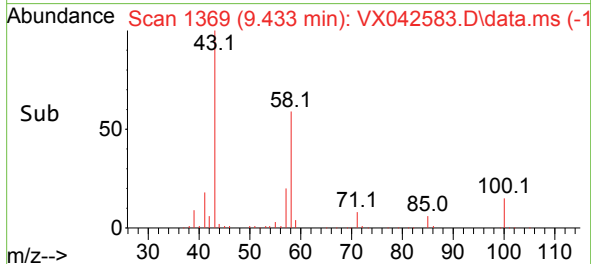
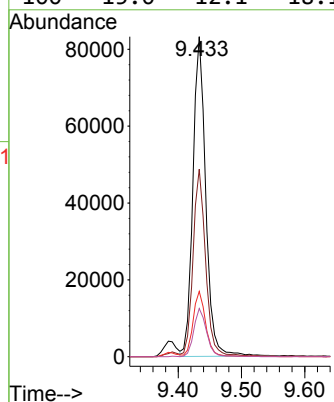
#48
2-Hexanone
Concen: 103.639 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 117586

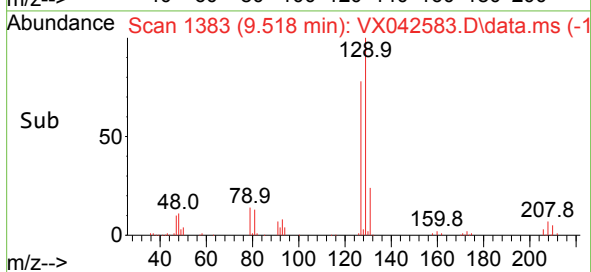
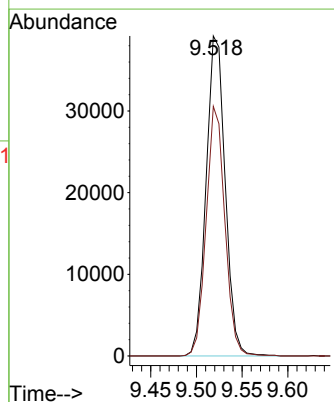
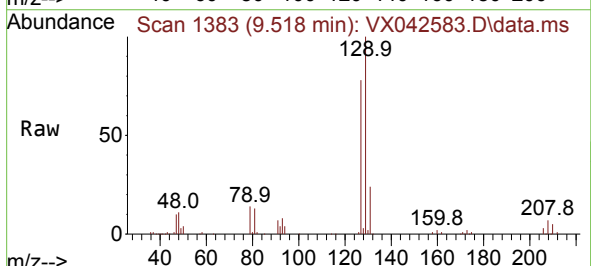
Ion	Ratio	Lower	Upper
43	100		
58	57.0	46.4	69.6
57	19.8	16.3	24.5
100	15.0	12.1	18.1

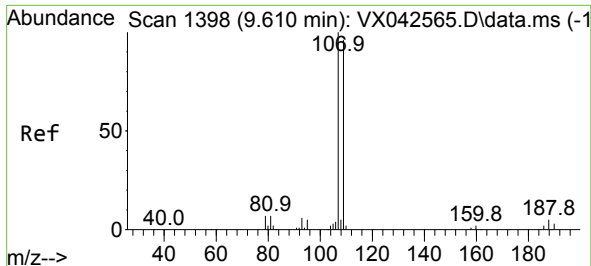


#49
Dibromochloromethane
Concen: 51.451 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion: 129 Resp: 56791

Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.7	99.7

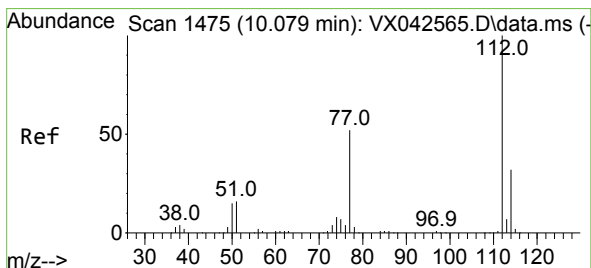
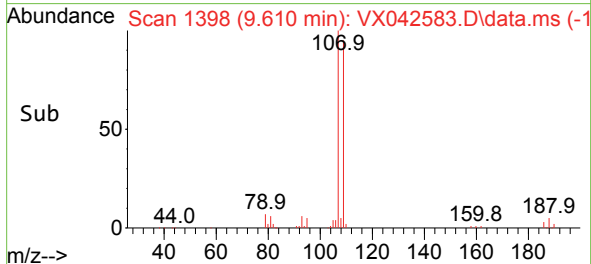
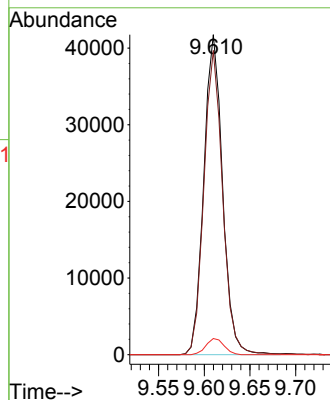
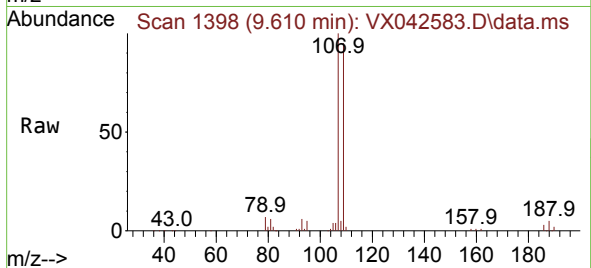




#50
1,2-Dibromoethane
Concen: 51.199 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

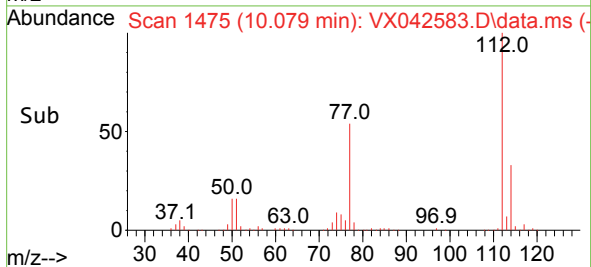
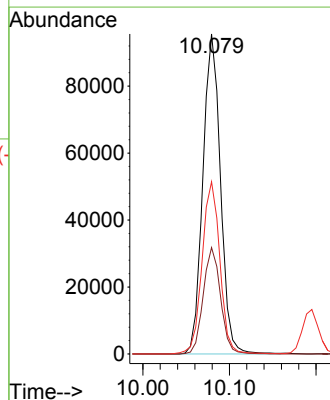
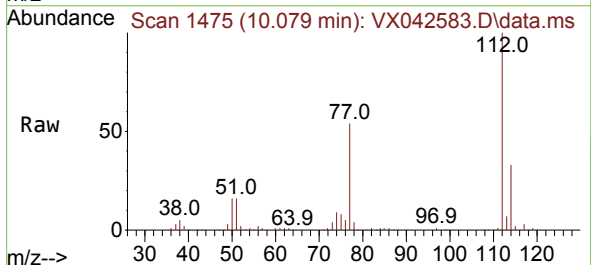
Instrument :
MSVOA_X
ClientSampleId :

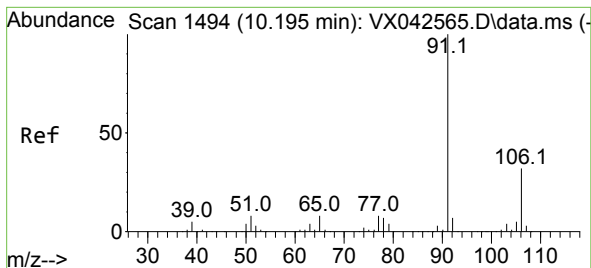
Tgt Ion:107 Resp: 59595
Ion Ratio Lower Upper
107 100
109 95.0 67.5 125.3
188 5.1 4.2 6.2



#51
Chlorobenzene
Concen: 46.716 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion:112 Resp: 135081
Ion Ratio Lower Upper
112 100
114 33.3 23.2 43.2
77 53.8 43.0 64.4

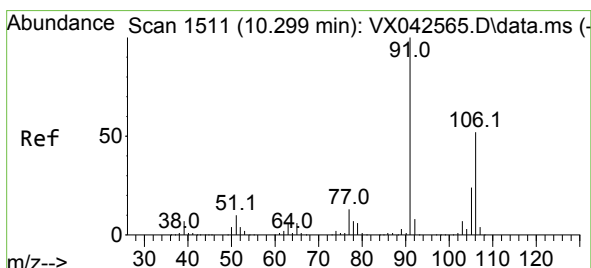
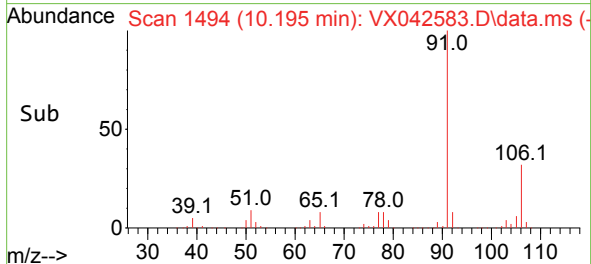
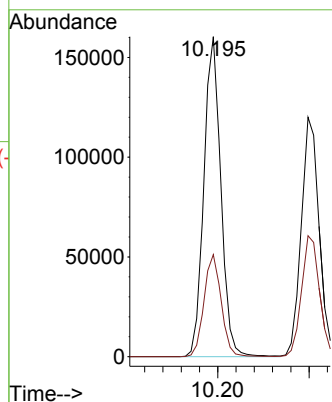
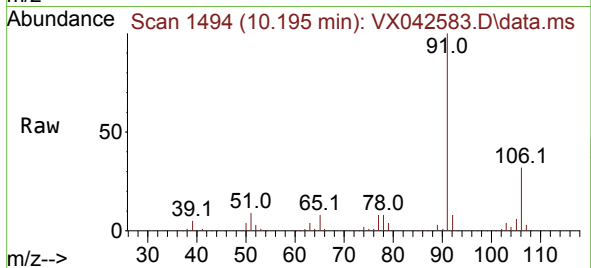




#52
Ethylbenzene
Concen: 45.247 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

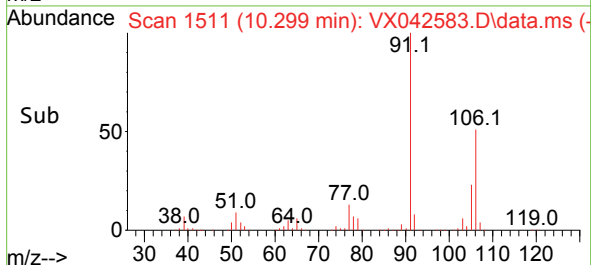
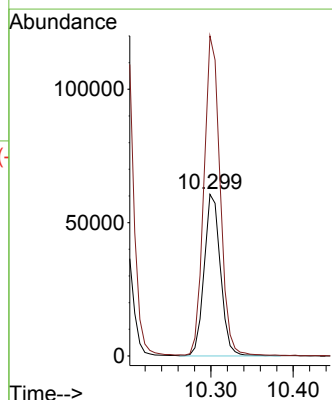
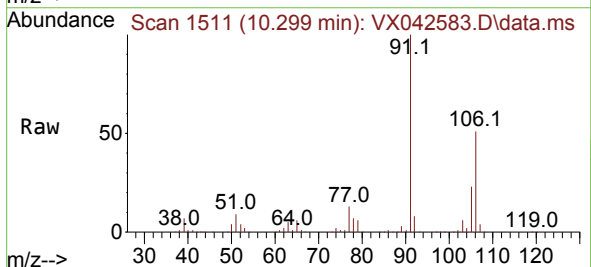
Instrument :
MSVOA_X
ClientSampleId :

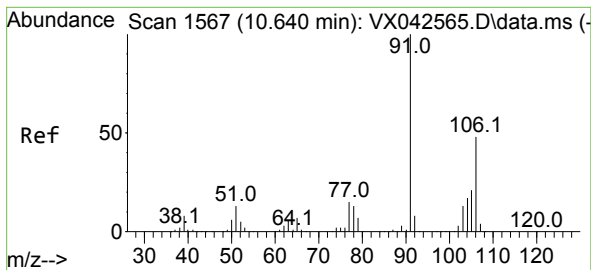
Tgt Ion: 91 Resp: 207121
Ion Ratio Lower Upper
91 100
106 31.9 23.1 42.9



#53
m,p-Xylene
Concen: 45.451 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion: 106 Resp: 83743
Ion Ratio Lower Upper
106 100
91 198.0 136.4 253.2





#54

o-Xylene

Concen: 46.987 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

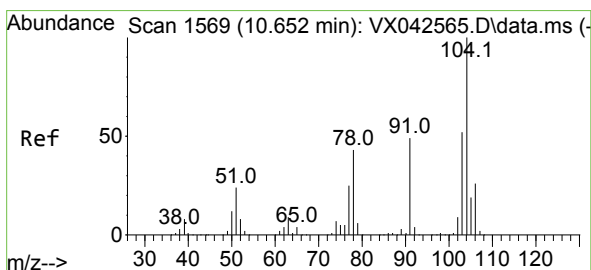
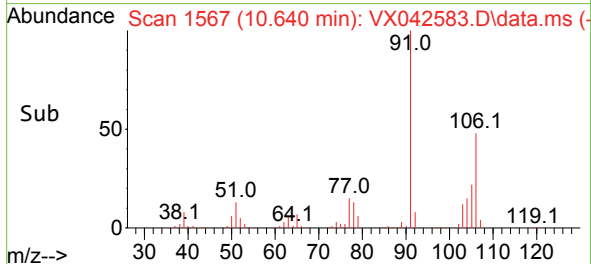
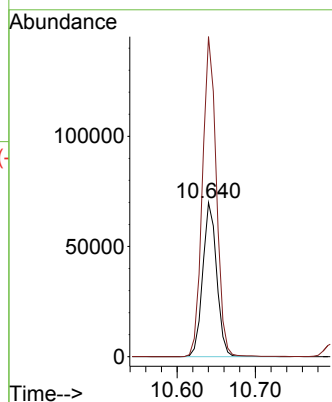
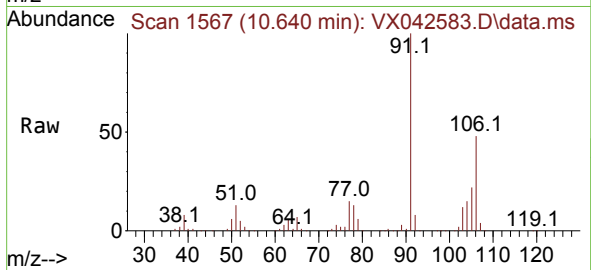
ClientSampleId :

Tgt Ion:106 Resp: 86478

Ion Ratio Lower Upper

106 100

91 207.7 143.4 266.2



#55

Styrene

Concen: 46.851 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX042583.D

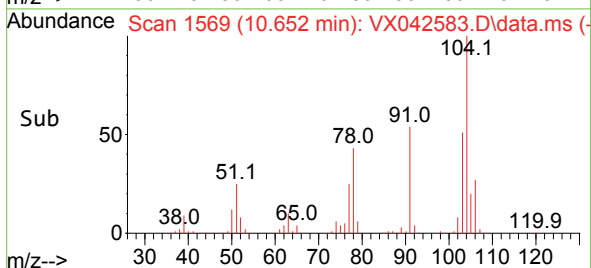
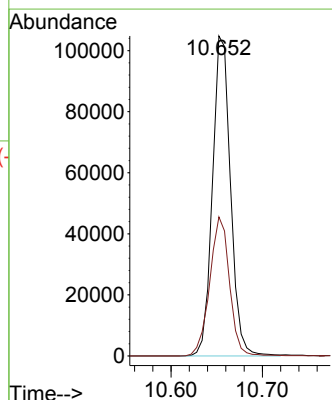
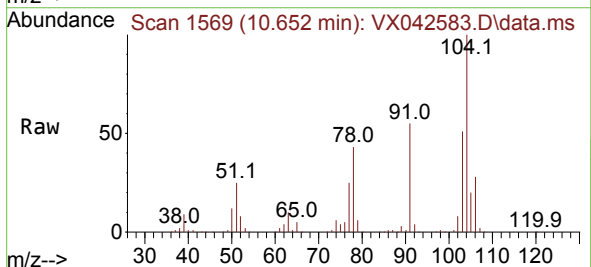
Acq: 25 Jul 2024 21:37

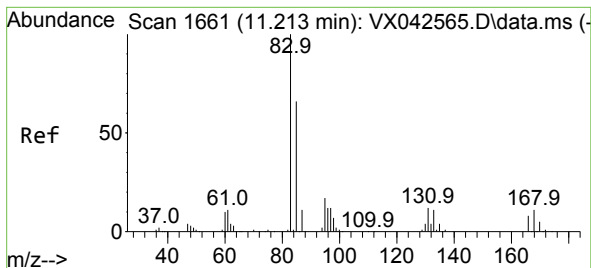
Tgt Ion:104 Resp: 143678

Ion Ratio Lower Upper

104 100

78 43.4 29.5 54.9





#57

1,1,2,2-Tetrachloroethane

Concen: 50.974 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

ClientSampleId :

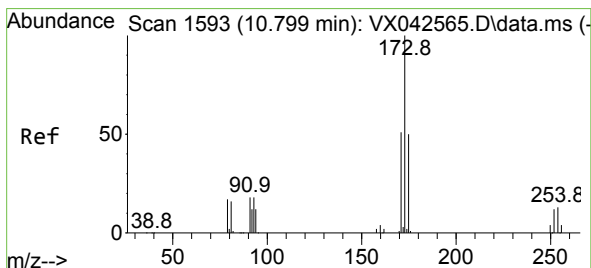
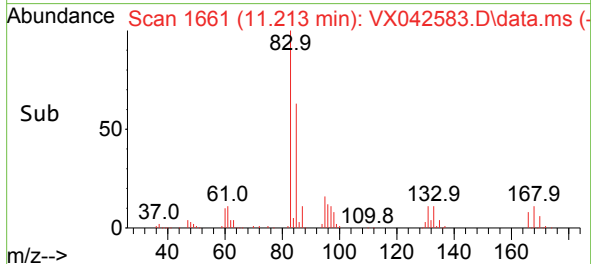
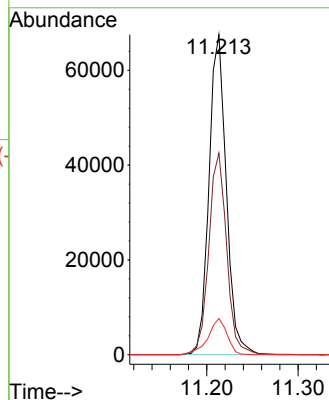
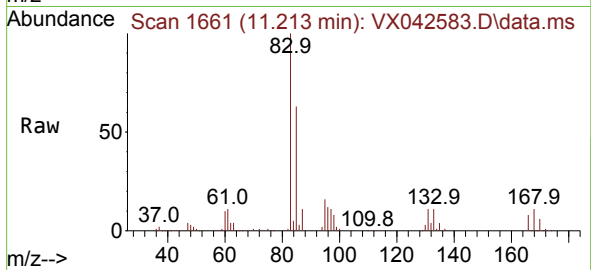
Tgt Ion: 83 Resp: 88669

Ion Ratio Lower Upper

83 100

85 63.0 45.1 83.7

131 11.3 9.0 13.4



#59

Bromoform

Concen: 54.640 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

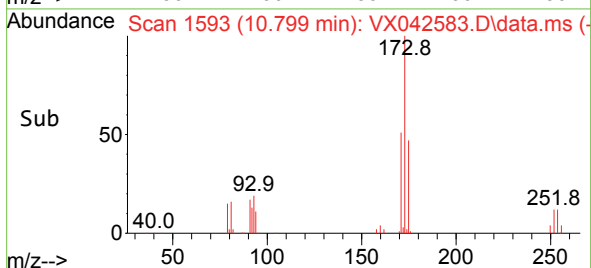
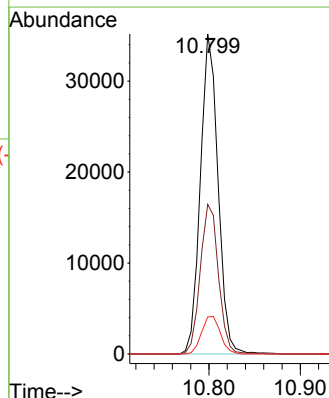
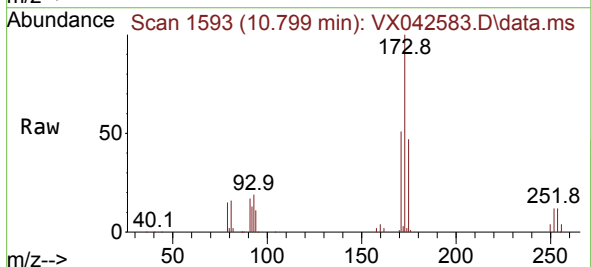
Tgt Ion: 173 Resp: 47113

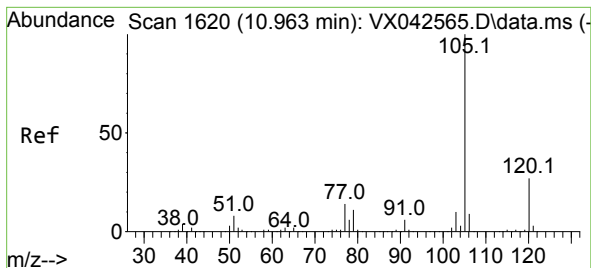
Ion Ratio Lower Upper

173 100

175 48.2 39.5 59.3

254 12.5 10.6 15.8





#60

Isopropylbenzene

Concen: 47.384 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

ClientSampleId :

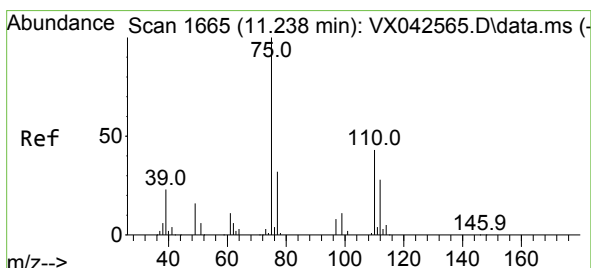
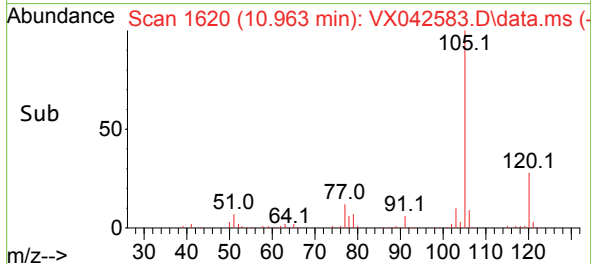
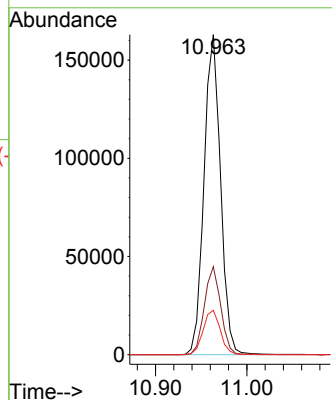
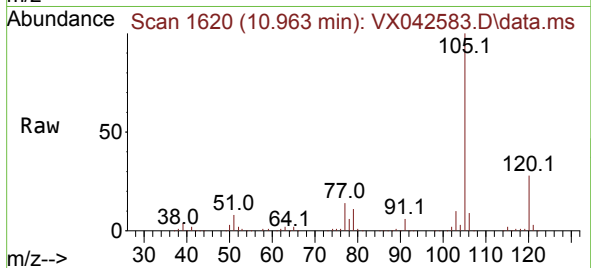
Tgt Ion:105 Resp: 204071

Ion Ratio Lower Upper

105 100

120 27.3 22.0 33.0

77 14.4 11.0 16.6



#61

1,2,3-Trichloropropane

Concen: 55.602 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

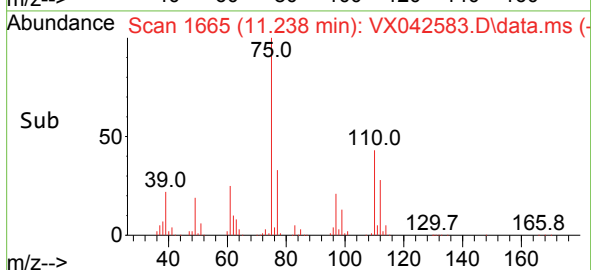
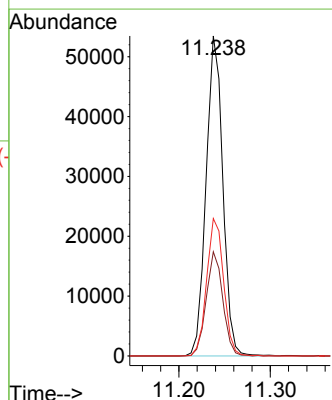
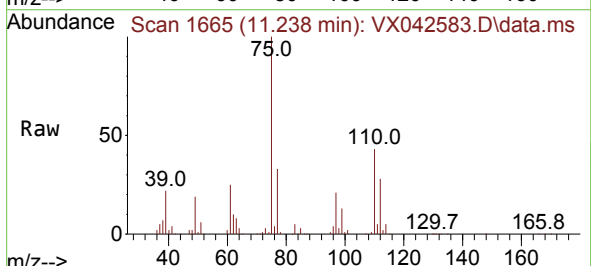
Tgt Ion: 75 Resp: 67916

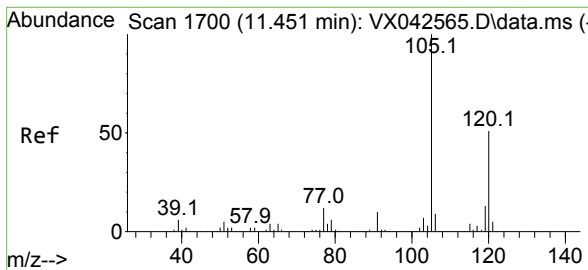
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

110 43.4 35.4 53.0

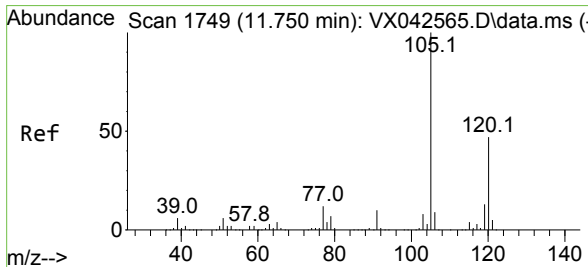
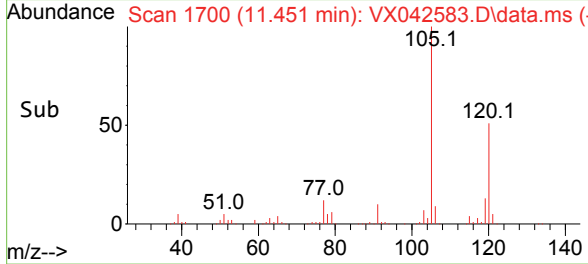
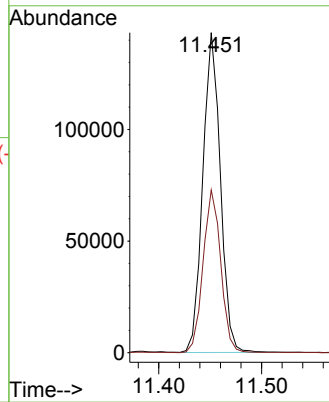
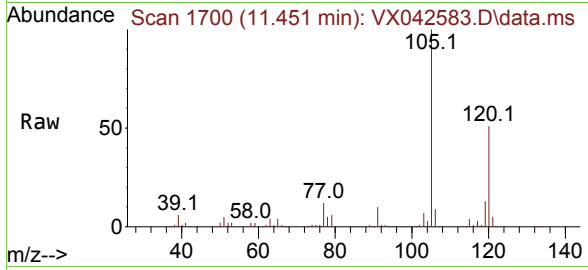




#62
 1,3,5-Trimethylbenzene
 Concen: 52.088 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX042583.D
 Acq: 25 Jul 2024 21:37

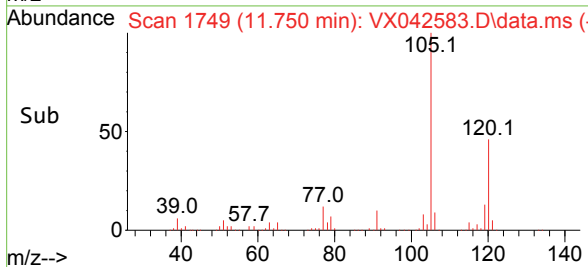
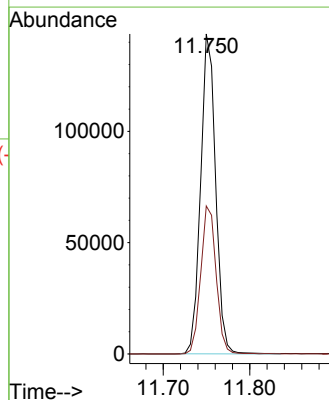
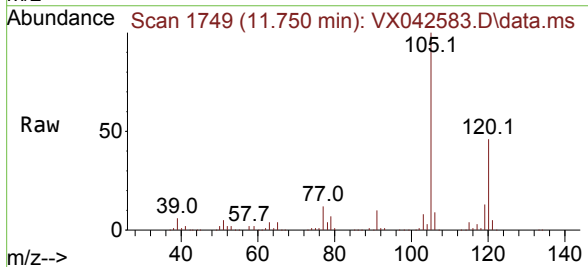
Instrument :
 MSVOA_X
 ClientSampleId :

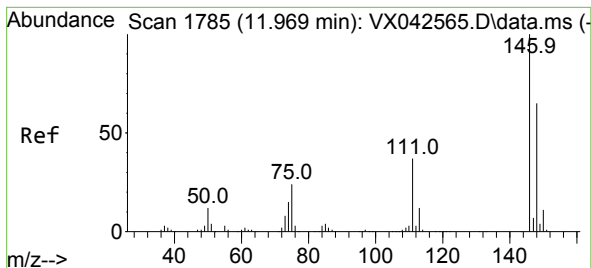
Tgt Ion:105 Resp: 170583
 Ion Ratio Lower Upper
 105 100
 120 51.3 40.9 61.3



#63
 1,2,4-Trimethylbenzene
 Concen: 49.204 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX042583.D
 Acq: 25 Jul 2024 21:37

Tgt Ion:105 Resp: 172692
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.4 57.6





#64

1,3-Dichlorobenzene

Concen: 47.329 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

ClientSampleId :

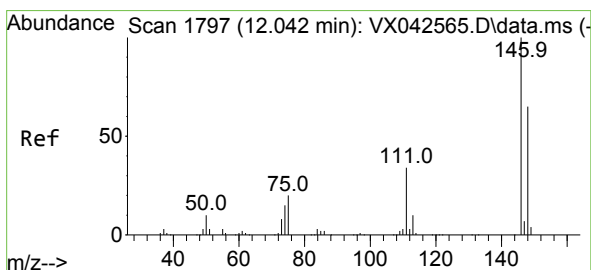
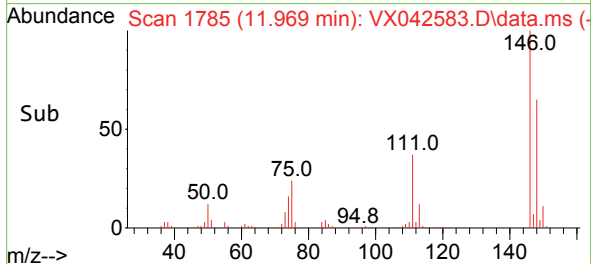
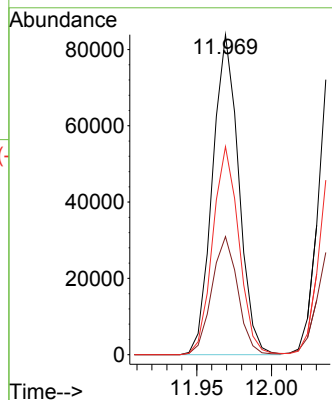
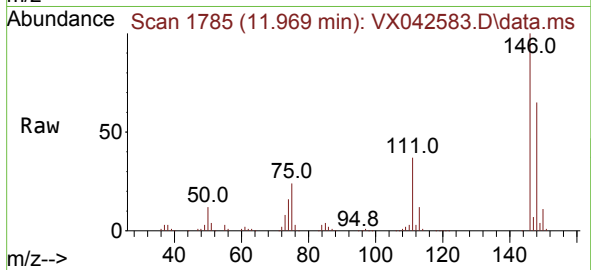
Tgt Ion:146 Resp: 102224

Ion Ratio Lower Upper

146 100

111 36.9 24.8 46.1

148 65.0 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 47.390 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

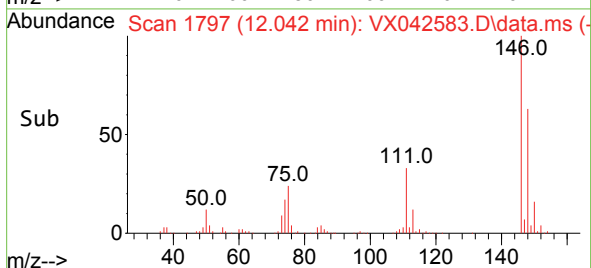
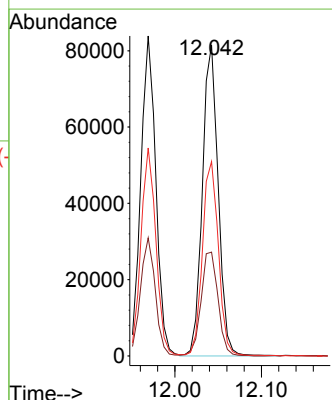
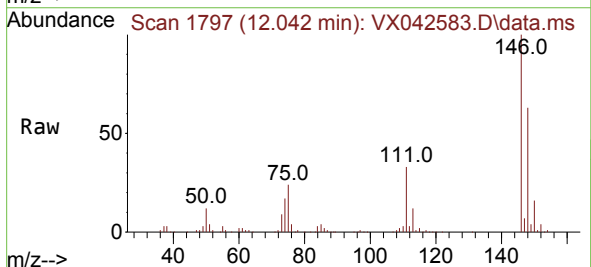
Tgt Ion:146 Resp: 103539

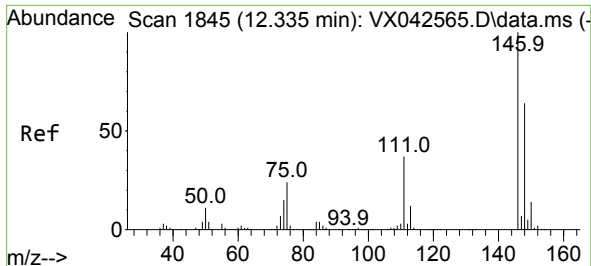
Ion Ratio Lower Upper

146 100

111 33.4 23.9 44.3

148 62.5 44.4 82.5

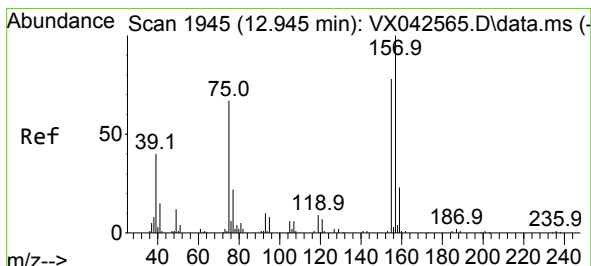
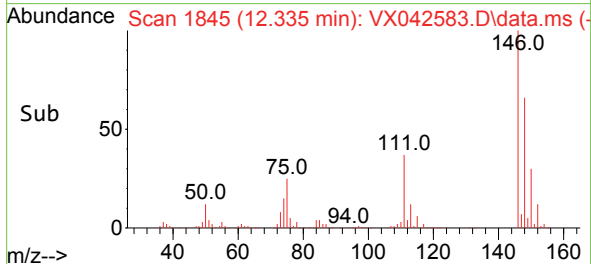
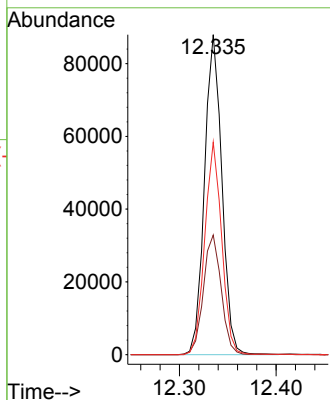
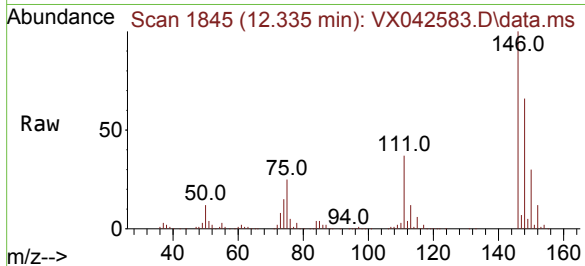




#67
1,2-Dichlorobenzene
Concen: 49.479 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

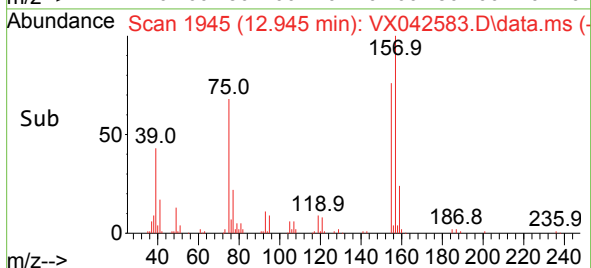
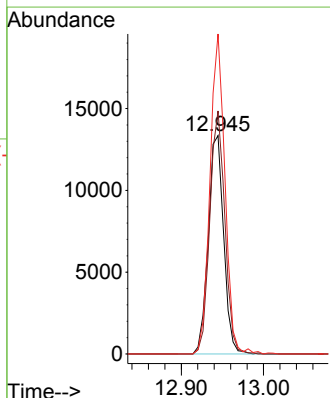
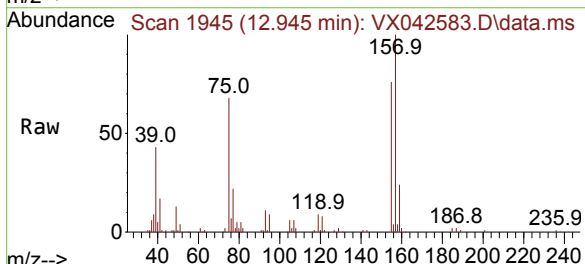
Instrument :
MSVOA_X
ClientSampleId :

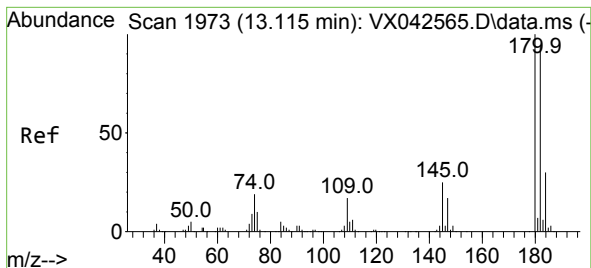
Tgt Ion:146 Resp: 110011
Ion Ratio Lower Upper
146 100
111 37.4 30.2 45.2
148 66.4 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 55.504 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042583.D
Acq: 25 Jul 2024 21:37

Tgt Ion: 75 Resp: 17355
Ion Ratio Lower Upper
75 100
155 111.3 90.4 135.6
157 146.5 119.4 179.2





#69

1,3,5-Trichlorobenzene

Concen: 44.037 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

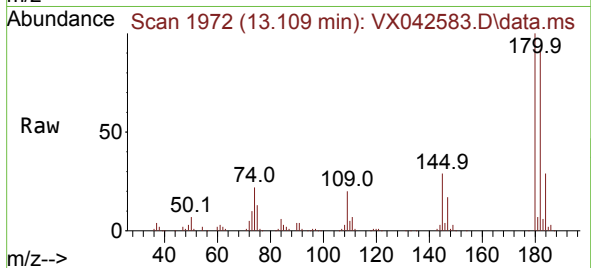
Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 69108

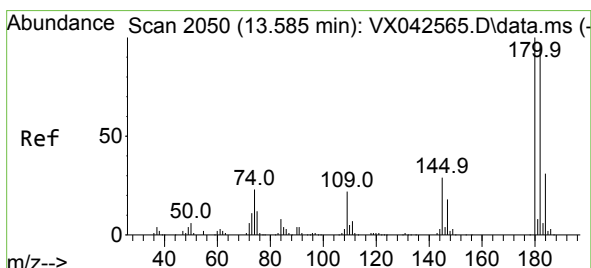
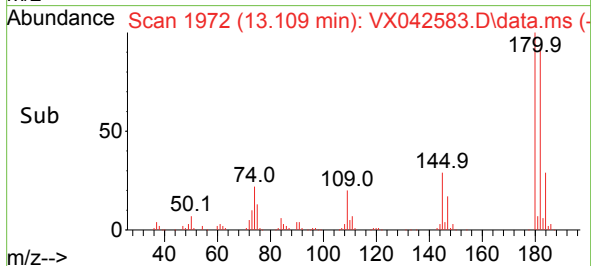
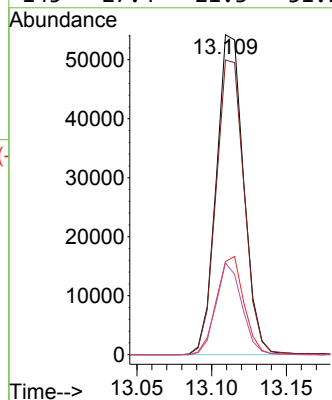
Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.6

184 30.5 24.7 37.1

145 27.4 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 41.821 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

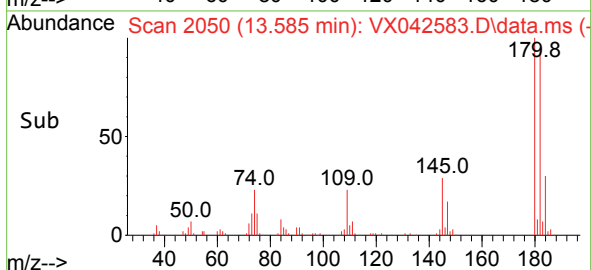
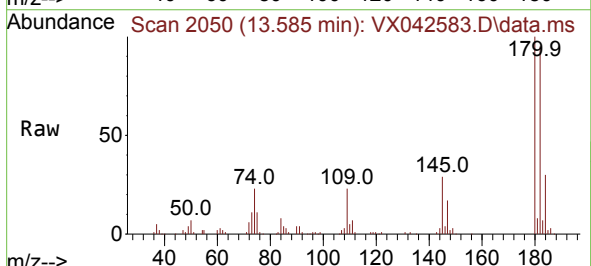
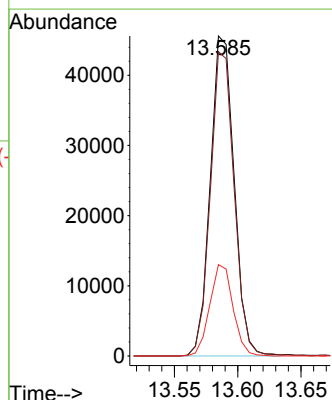
Tgt Ion:180 Resp: 59694

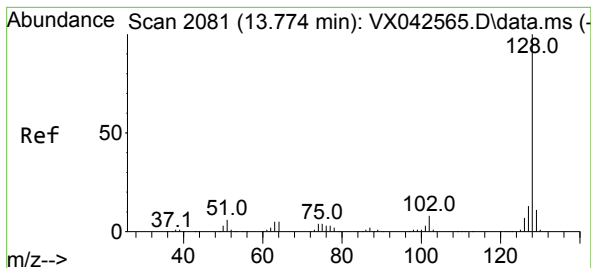
Ion Ratio Lower Upper

180 100

182 95.0 77.8 116.6

145 27.9 21.8 32.8





#71

Naphthalene

Concen: 49.850 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Instrument :

MSVOA_X

ClientSampleId :

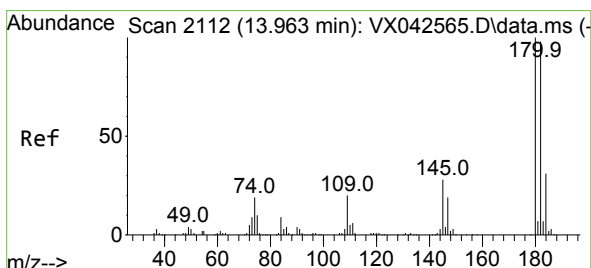
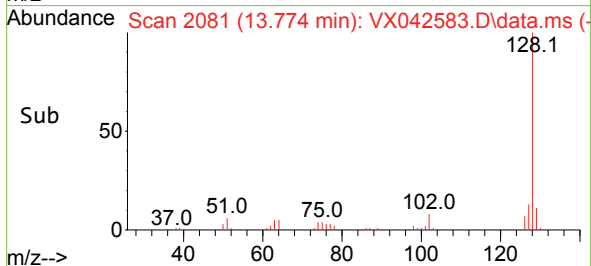
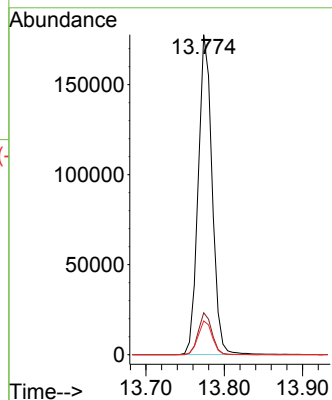
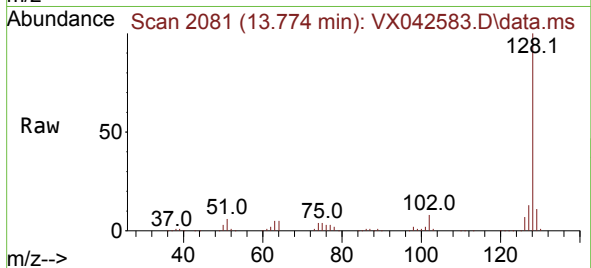
Tgt Ion:128 Resp: 219964

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 45.494 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX042583.D

Acq: 25 Jul 2024 21:37

Tgt Ion:180 Resp: 68619

Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.4

145 28.2 23.0 34.6

