

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036500.D
 Acq On : 12 Jul 2023 10:30
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:04:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:02:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	292637	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	275660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	101892	48.813	ug/L	0.00
7) Chloroethane-d5	1.666	69	117634	51.292	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	43100	48.392	ug/L	0.00
21) 2-Butanone-d5	4.458	46	163723	112.306	ug/L	0.00
24) Chloroform-d	5.056	84	201163	53.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	135401	52.298	ug/L	0.00
32) Benzene-d6	5.976	84	403805	51.742	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	128334	51.877	ug/L	0.00
41) Toluene-d8	8.647	98	375359	50.383	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	61879	52.538	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	119852	110.152	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	177861	54.649	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	134371	51.817	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	89941	44.064	ug/L	100
3) Chloromethane	1.294	50	129186	53.533	ug/L	100
5) Vinyl chloride	1.374	62	124397	49.697	ug/L	100
6) Bromomethane	1.611	94	128658	54.398	ug/L	100
8) Chloroethane	1.684	64	104682	57.116	ug/L	100
9) Trichlorofluoromethane	1.886	101	184974	46.700	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	83841	44.691	ug/L	100
12) 1,1-Dichloroethene	2.318	96	91318	49.778	ug/L	100
13) Acetone	2.386	43	126863	114.744	ug/L	100
14) Carbon disulfide	2.514	76	241697	49.124	ug/L	100
15) Methyl Acetate	2.703	43	125928	57.289	ug/L	100
16) Methylene chloride	2.788	84	110200	54.442	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	97390	52.707	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	362329	56.402	ug/L	100
19) 1,1-Dichloroethane	3.611	63	194664	53.845	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	117461	54.391	ug/L	100
22) 2-Butanone	4.562	43	185603	115.433	ug/L	100
23) Bromochloromethane	4.897	128	61450	56.927	ug/L	100
25) Chloroform	5.092	83	208116	54.815	ug/L	100
27) 1,2-Dichloroethane	6.086	62	170639	56.818	ug/L	100
29) Cyclohexane	5.476	56	133844	43.911	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	161099	50.286	ug/L	100
31) Carbon tetrachloride	5.678	117	130794	48.716	ug/L	100
33) Benzene	6.037	78	428479	53.233	ug/L	100
34) Trichloroethene	7.123	95	112639	51.307	ug/L	100
35) Methylcyclohexane	7.379	83	136840	42.797	ug/L	100
37) 1,2-Dichloropropane	7.427	63	120026	54.237	ug/L	100
38) Bromodichloromethane	7.824	83	150066	54.382	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	189161	54.248	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	348566	113.007	ug/L	100
42) Toluene	8.720	91	453286	52.933	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	177619	55.318	ug/L	100

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 QLast Update : Thu Jul 13 01:02:46 2023
 Response via : Initial Calibration

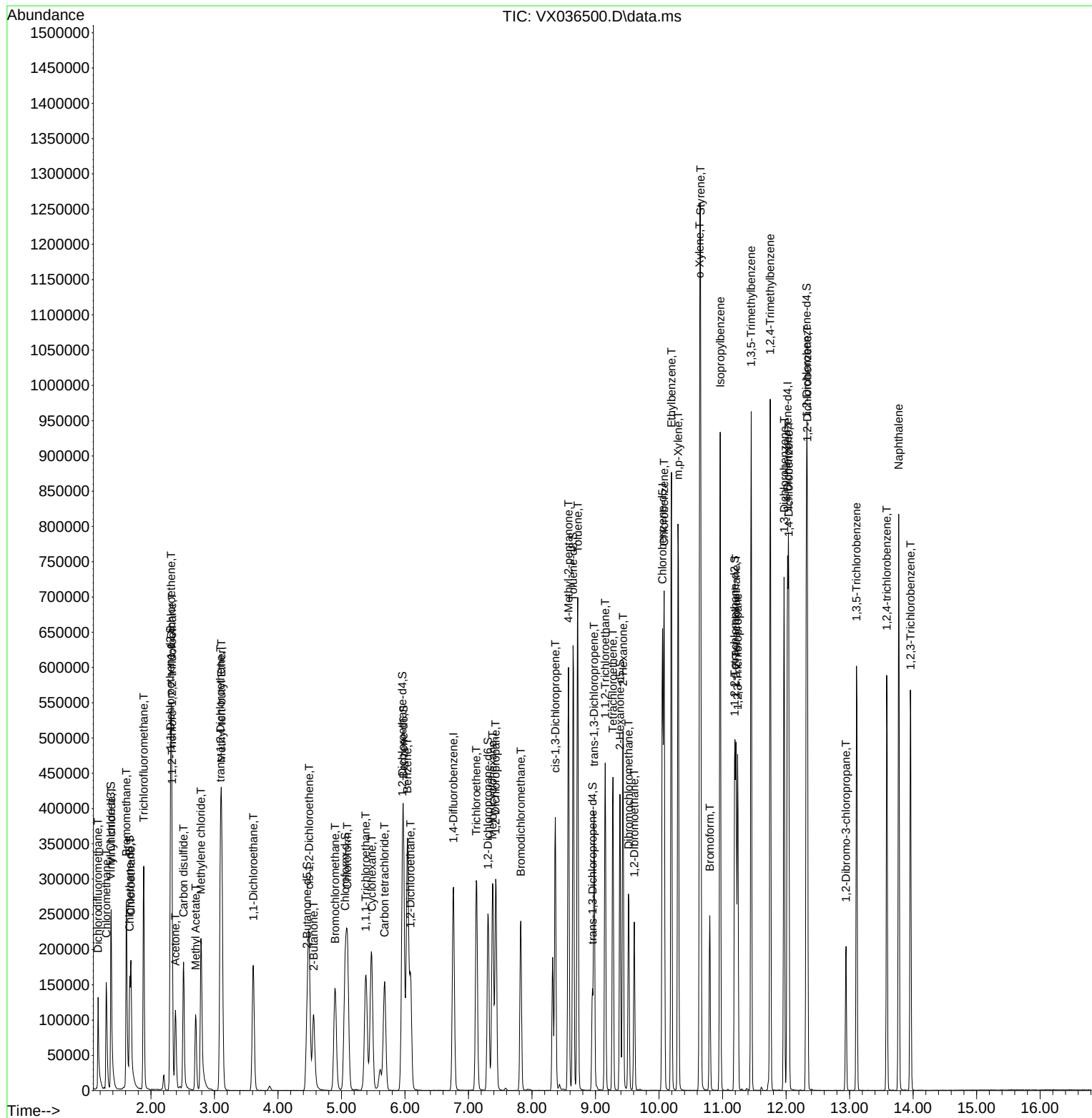
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	116844	55.553	ug/L	100
46) Tetrachloroethene	9.275	164	76652	49.140	ug/L	100
48) 2-Hexanone	9.433	43	277942	115.307	ug/L	100
49) Dibromochloromethane	9.518	129	118779	56.253	ug/L	100
50) 1,2-Dibromoethane	9.610	107	124441	55.196	ug/L	100
51) Chlorobenzene	10.079	112	297033	53.349	ug/L	100
52) Ethylbenzene	10.195	91	491954	52.202	ug/L	100
53) m,p-Xylene	10.299	106	189273	52.636	ug/L	100
54) o-Xylene	10.640	106	189802	53.222	ug/L	100
55) Styrene	10.652	104	322383	54.226	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	182299	55.797	ug/L	100
59) Bromoform	10.799	173	82151	55.059	ug/L	100
60) Isopropylbenzene	10.963	105	471016	51.329	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	146291	56.767	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	402801	52.520	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	411774	53.526	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	218425	53.205	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	219212	52.888	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	218642	53.678	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	38098	55.479	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	140530	51.588	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	131948	51.343	ug/L	100
71) Naphthalene	13.774	128	481977	54.968	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	128038	51.135	ug/L	100

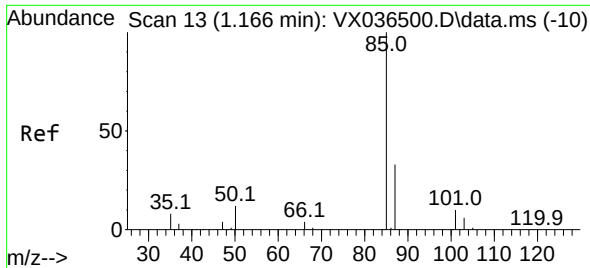
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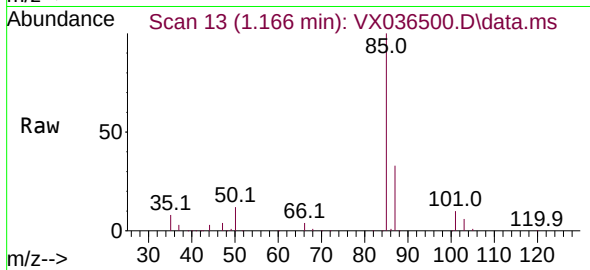
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Quant Title : VOC Analysis
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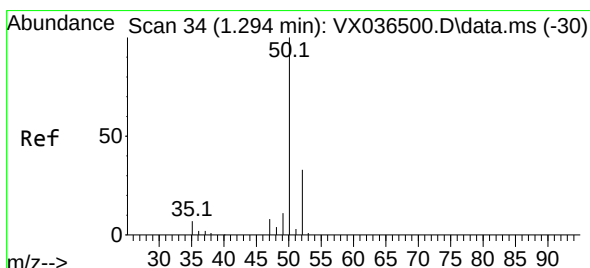
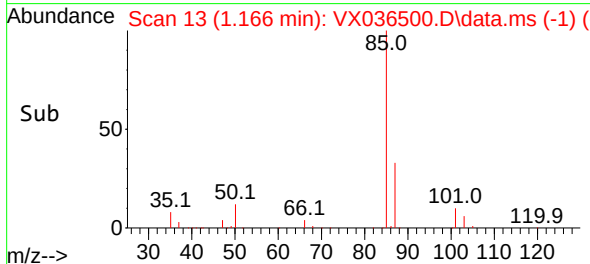
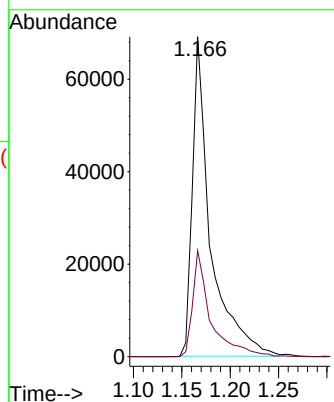


#2
 Dichlorodifluoromethane
 Concen: 44.064 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

Instrument :
 MSVOA_X
 ClientSampleId :

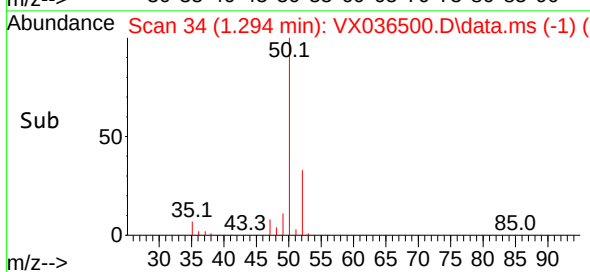
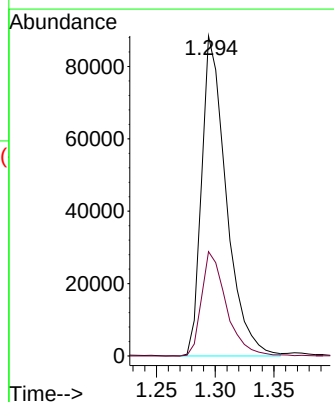
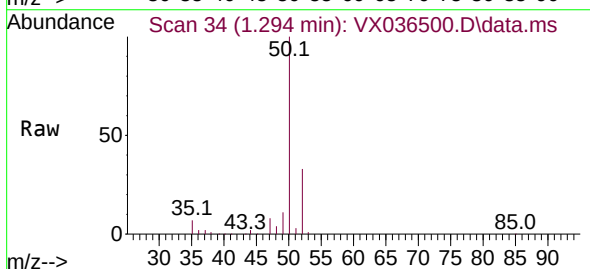


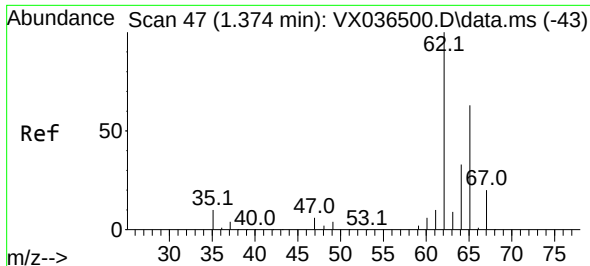
Tgt Ion: 85 Resp: 89941
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.3 39.5



#3
 Chloromethane
 Concen: 53.533 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

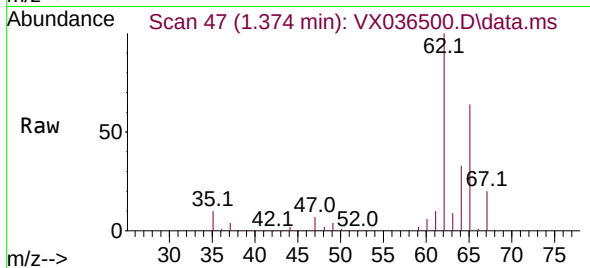
Tgt Ion: 50 Resp: 129186
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4



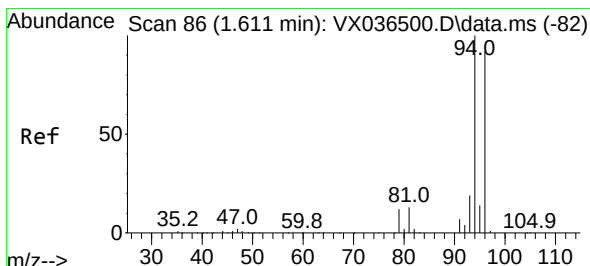
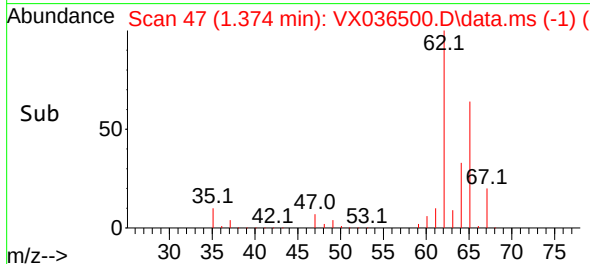
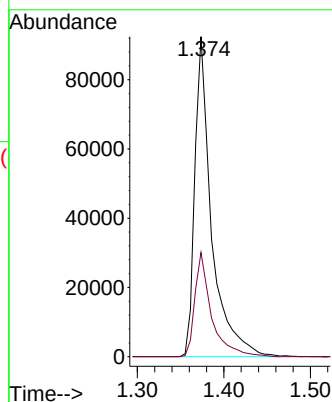


#5
 Vinyl chloride
 Concen: 49.697 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

Instrument :
 MSVOA_X
 ClientSampleId :

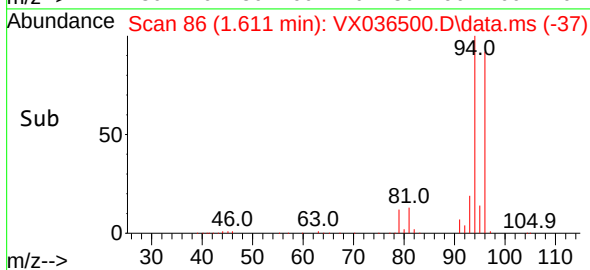
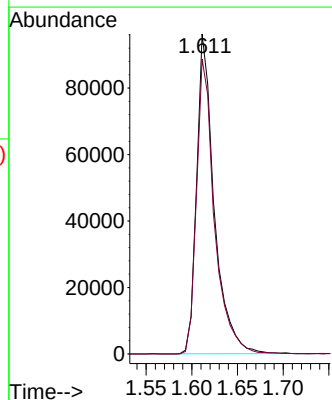
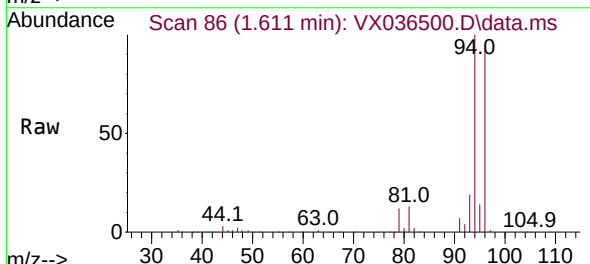


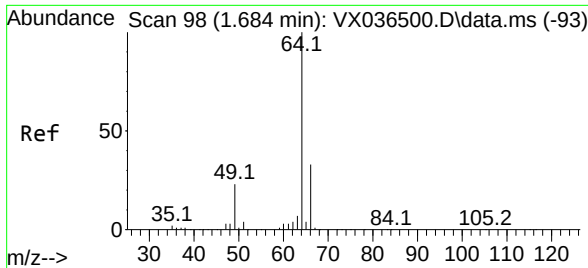
Tgt Ion: 62 Resp: 124397
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 54.398 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

Tgt Ion: 94 Resp: 128658
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.5 119.7

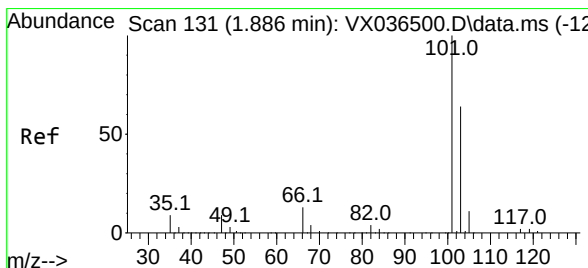
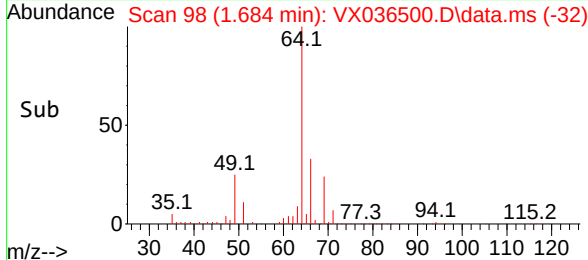
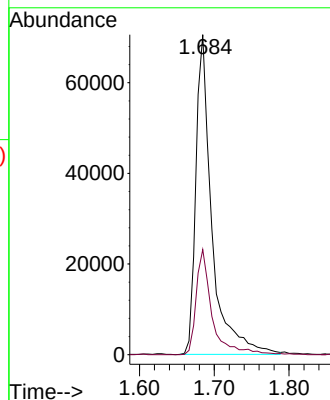
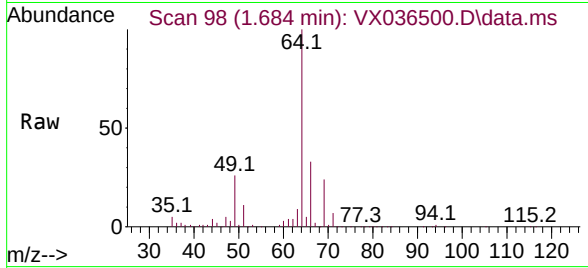




#8
 Chloroethane
 Concen: 57.116 ug/L
 RT: 1.684 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

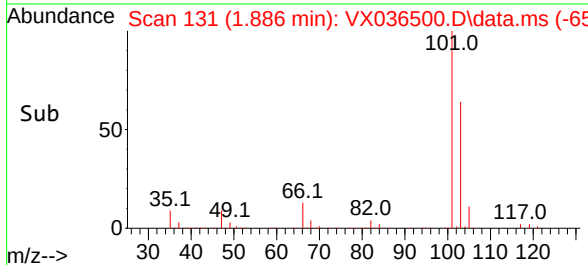
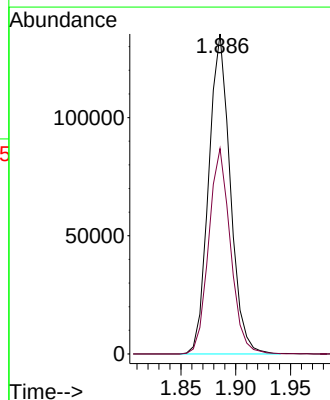
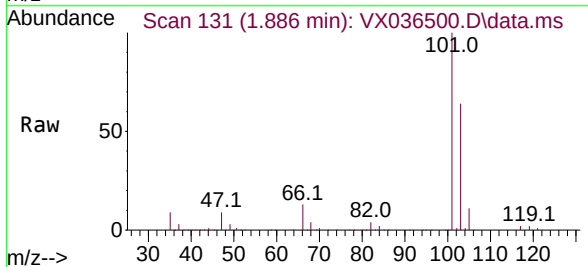
Instrument :
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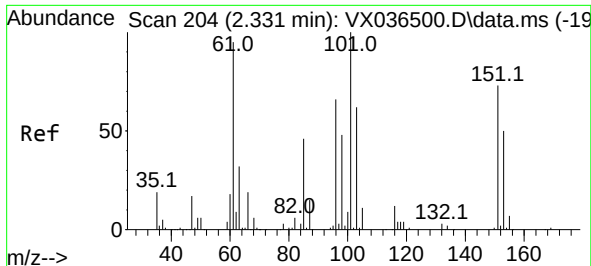
Tgt Ion: 64 Resp: 104682
 Ion Ratio Lower Upper
 64 100
 66 32.9 23.0 42.8



#9
 Trichlorofluoromethane
 Concen: 46.700 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

Tgt Ion:101 Resp: 184974
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

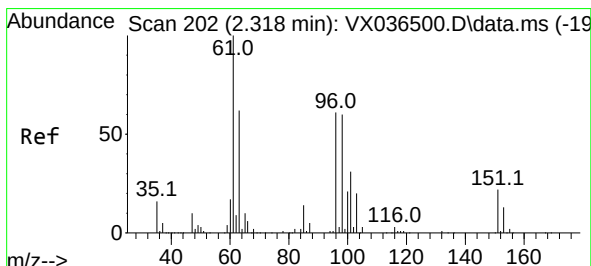
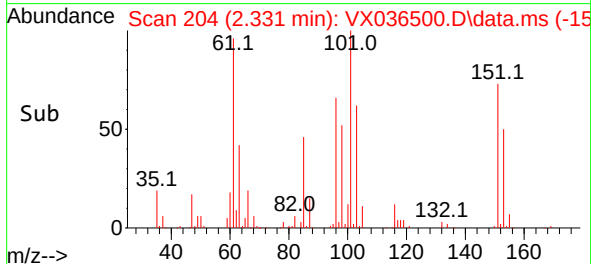
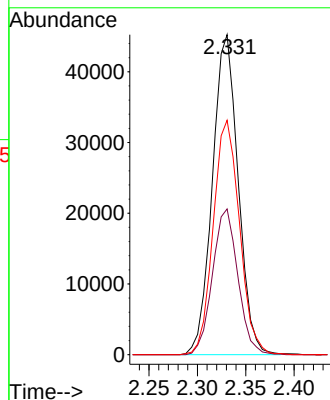
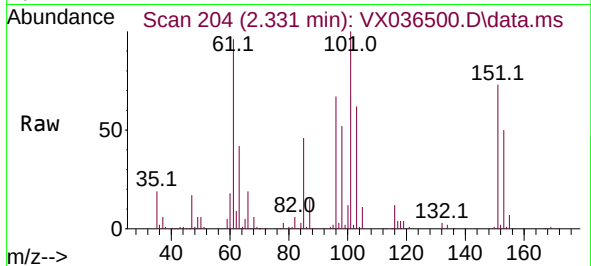




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.691 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

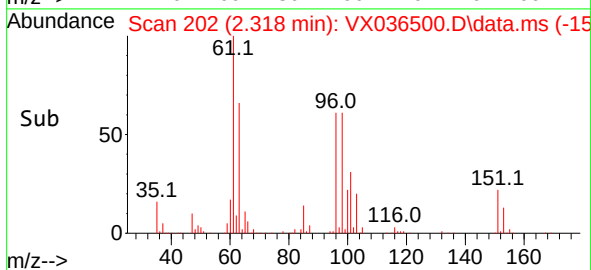
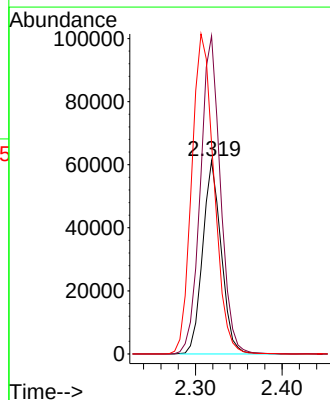
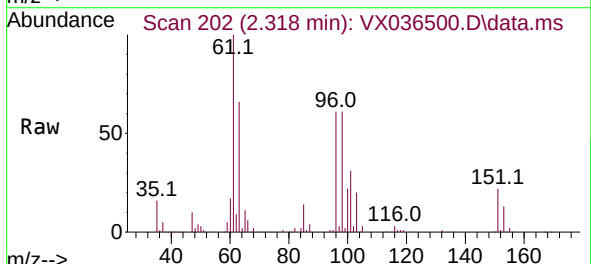
Instrument :
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 ClientSampleId :

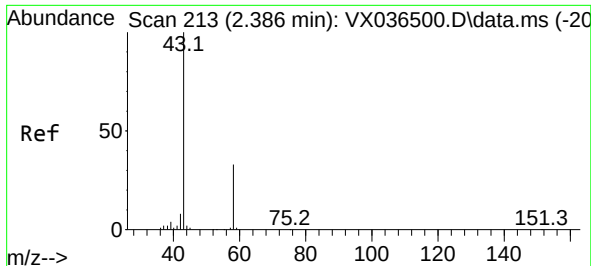
Tgt Ion:101 Resp: 83841
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.8 53.8
 151 74.7 59.8 89.6



#12
 1,1-Dichloroethene
 Concen: 49.778 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

Tgt Ion: 96 Resp: 91318
 Ion Ratio Lower Upper
 96 100
 61 164.7 115.3 214.1
 63 109.0 76.3 141.7





#13

Acetone

Concen: 114.744 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

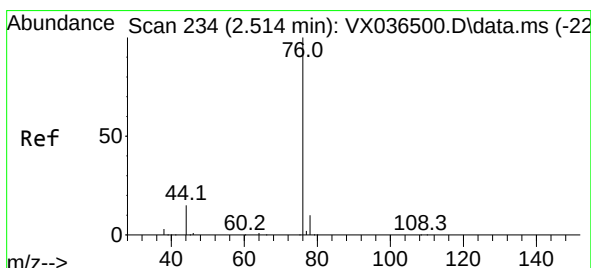
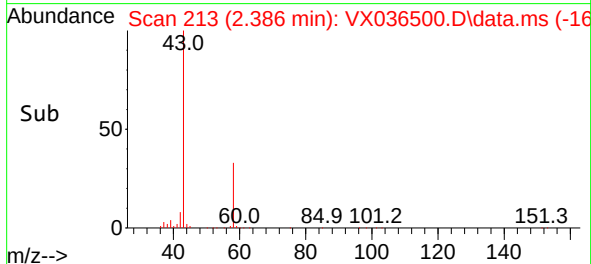
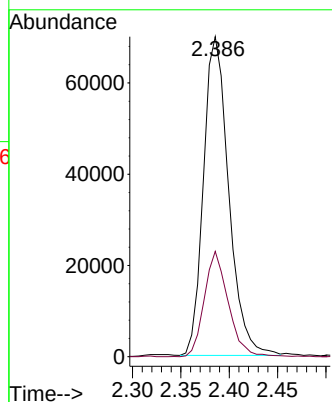
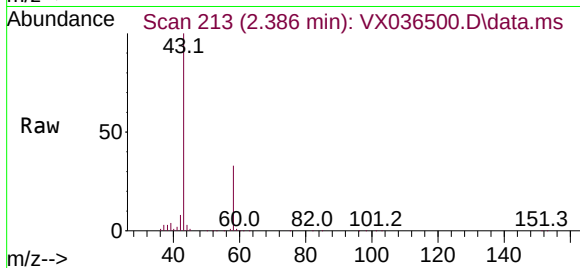
ClientSampleId :

Tgt Ion: 43 Resp: 126863

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.6



#14

Carbon disulfide

Concen: 49.124 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036500.D

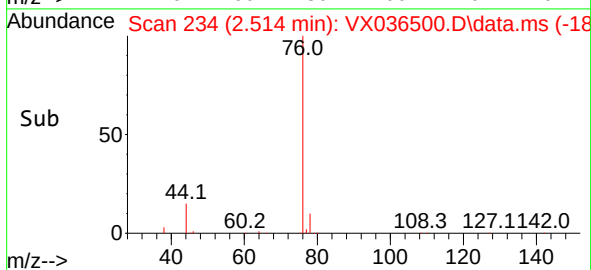
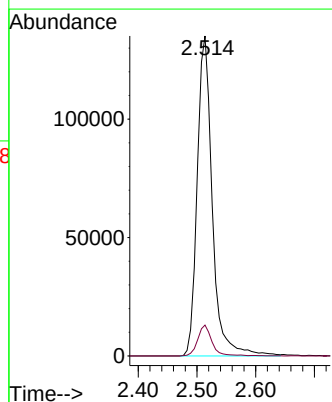
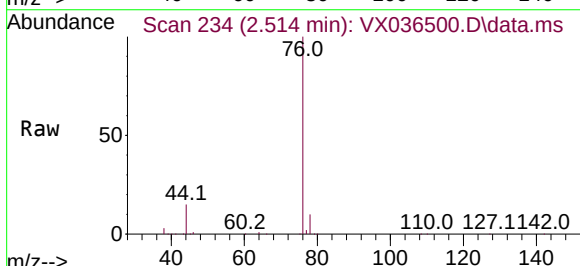
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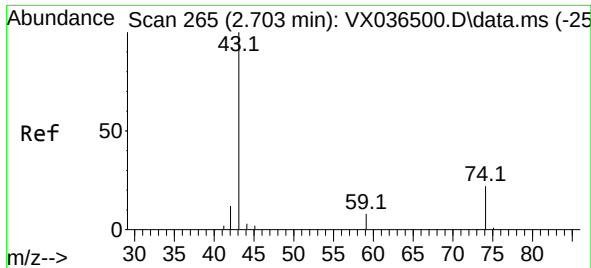
Tgt Ion: 76 Resp: 241697

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

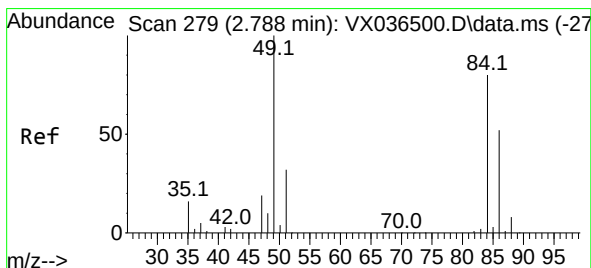
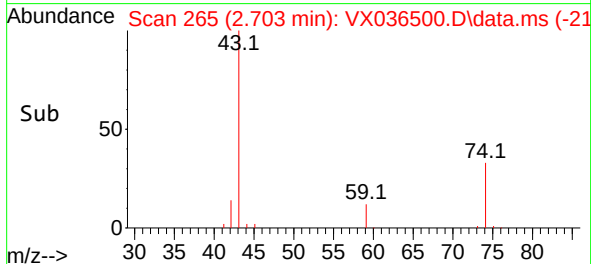
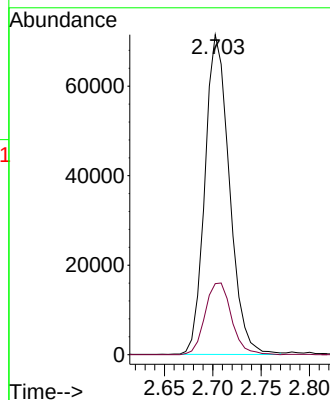
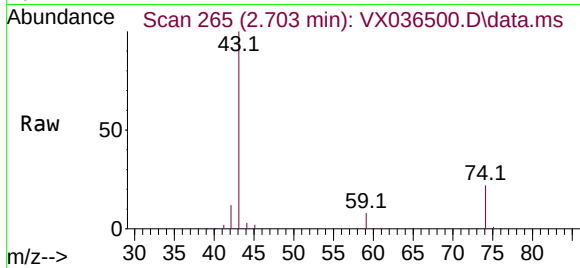




#15
Methyl Acetate
Concen: 57.289 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

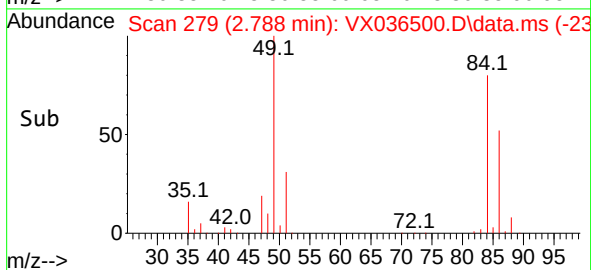
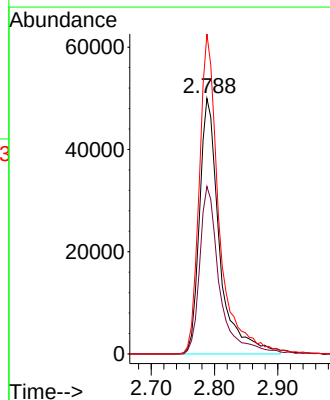
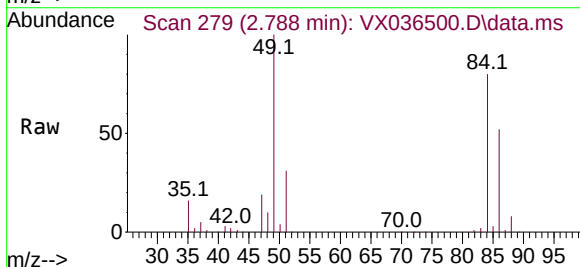
Instrument :
MSVOA_X
ClientSampleId :

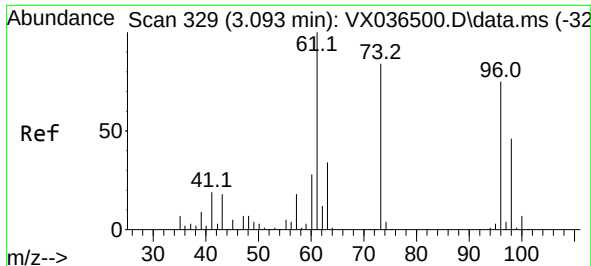
Tgt Ion: 43 Resp: 125928
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0



#16
Methylene chloride
Concen: 54.442 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion: 84 Resp: 110200
Ion Ratio Lower Upper
84 100
86 65.6 45.9 85.3
49 125.2 87.6 162.8

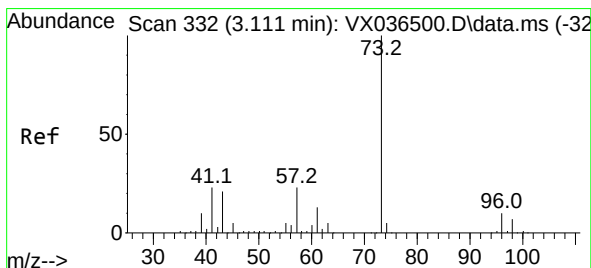
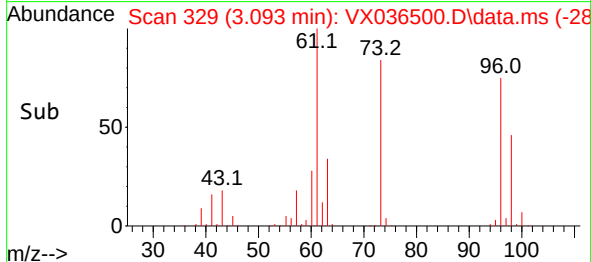
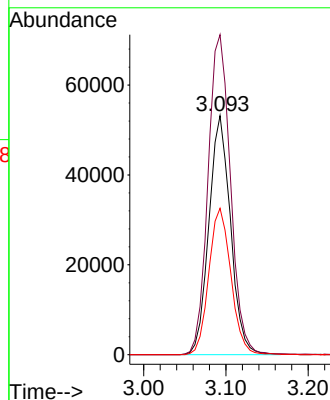
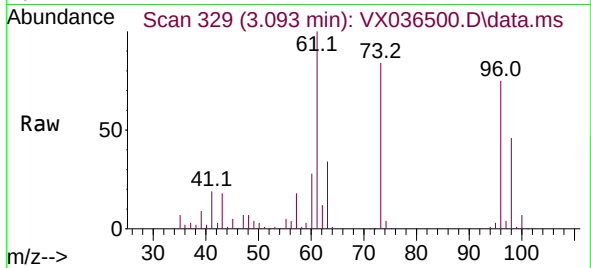




#17
trans-1,2-Dichloroethene
Concen: 52.707 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

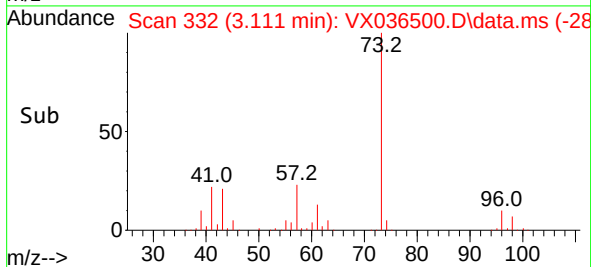
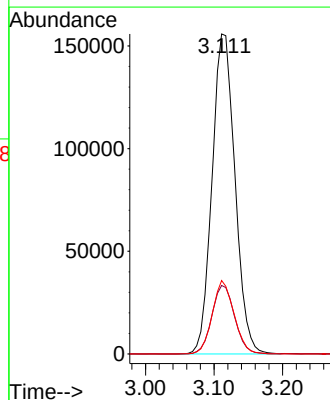
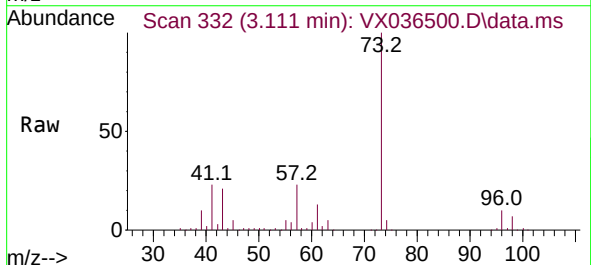
Instrument :
MSVOA_X
ClientSampleId :

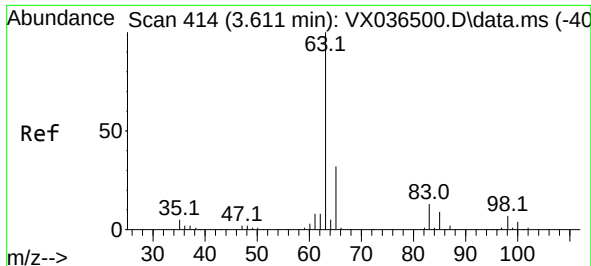
Tgt Ion: 96 Resp: 97390
Ion Ratio Lower Upper
96 100
61 133.9 93.7 174.1
98 61.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 56.402 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion: 73 Resp: 362329
Ion Ratio Lower Upper
73 100
43 21.3 17.0 25.6
57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 53.845 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

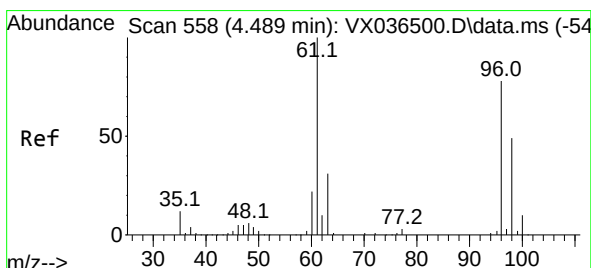
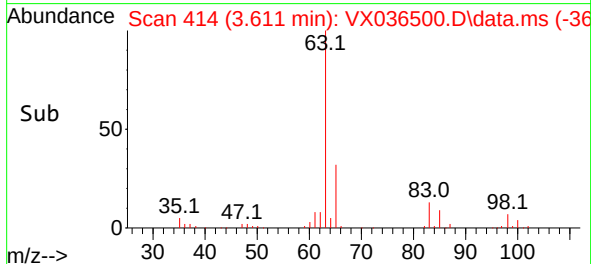
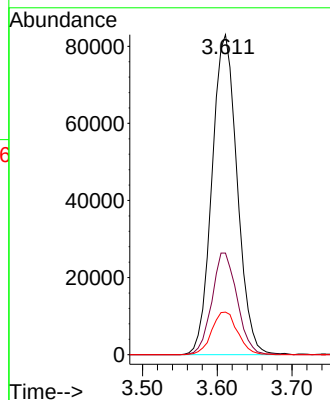
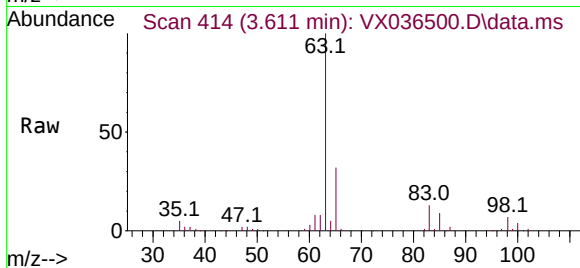
Tgt Ion: 63 Resp: 194664

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 13.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 54.391 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

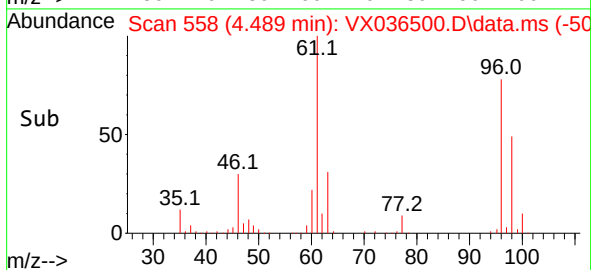
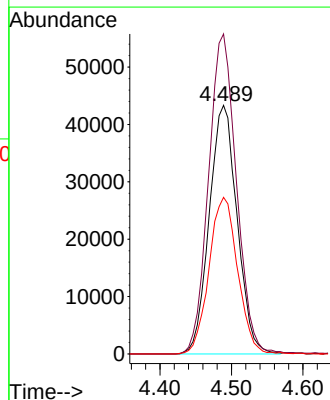
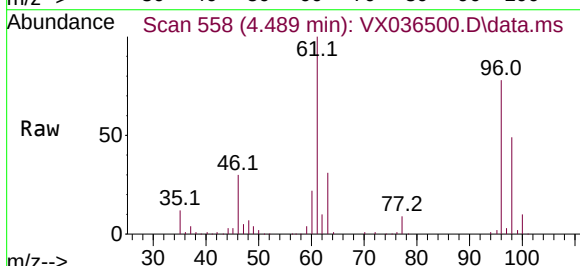
Tgt Ion: 96 Resp: 117461

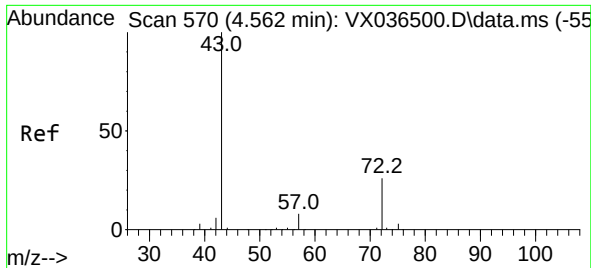
Ion Ratio Lower Upper

96 100

61 128.7 90.1 167.3

98 63.0 44.1 81.9

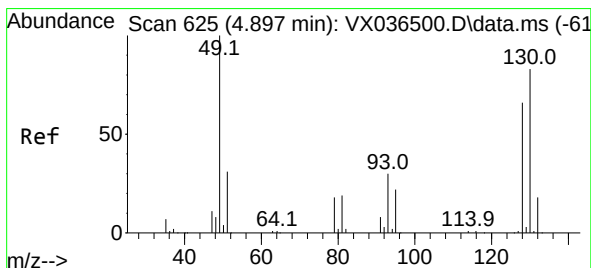
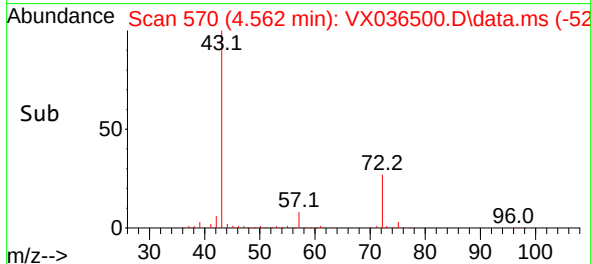
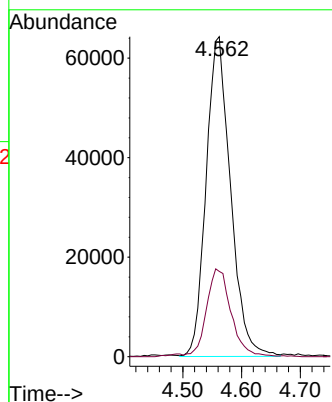
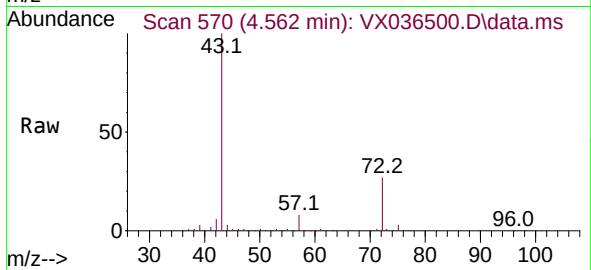




#22
2-Butanone
Concen: 115.433 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

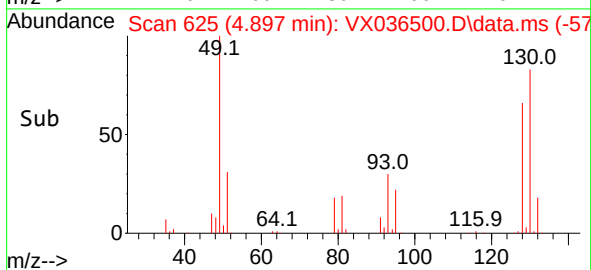
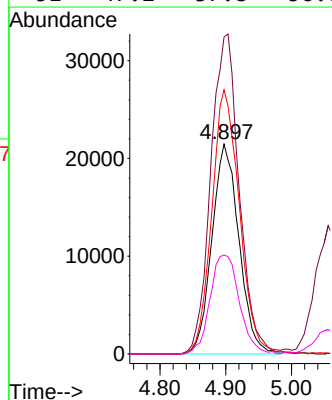
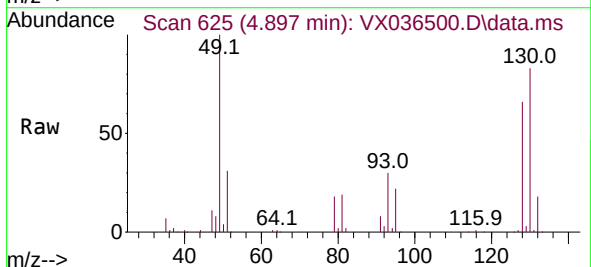
Instrument :
MSVOA_X
ClientSampleId :

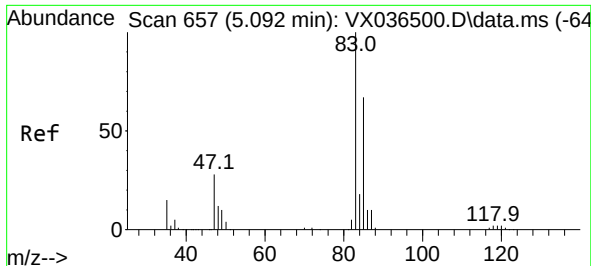
Tgt Ion: 43 Resp: 185603
Ion Ratio Lower Upper
43 100
72 27.5 13.8 41.3



#23
Bromochloromethane
Concen: 56.927 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion:128 Resp: 61450
Ion Ratio Lower Upper
128 100
49 151.1 105.8 196.4
130 125.9 88.1 163.7
51 47.2 37.8 56.6





#25

Chloroform

Concen: 54.815 ug/L

RT: 5.092 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

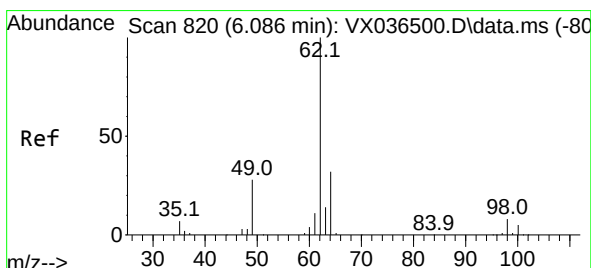
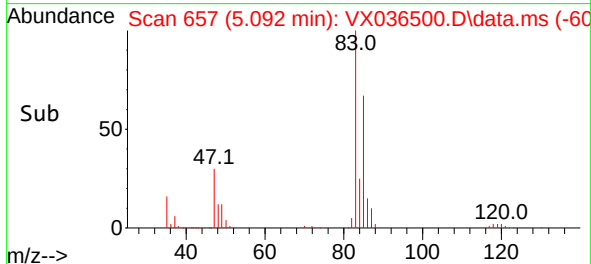
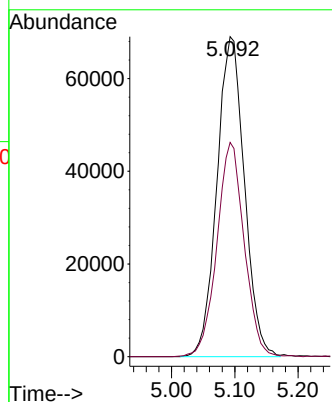
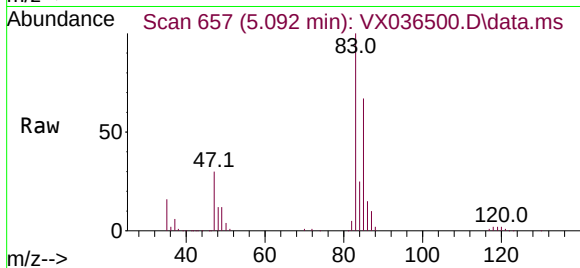
ClientSampleId :

Tgt Ion: 83 Resp: 208116

Ion Ratio Lower Upper

83 100

85 66.9 46.8 87.0



#27

1,2-Dichloroethane

Concen: 56.818 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036500.D

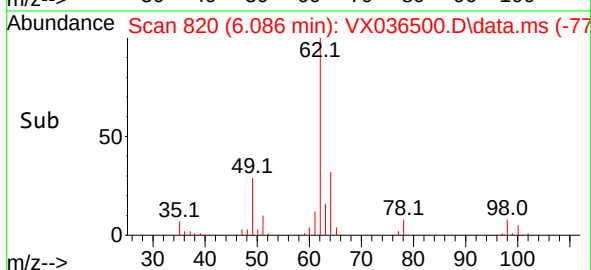
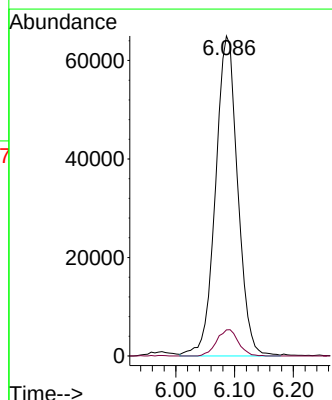
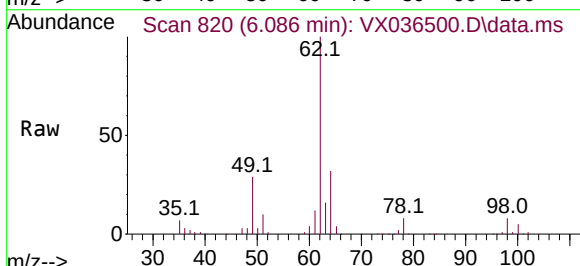
Acq: 12 Jul 2023 10:30

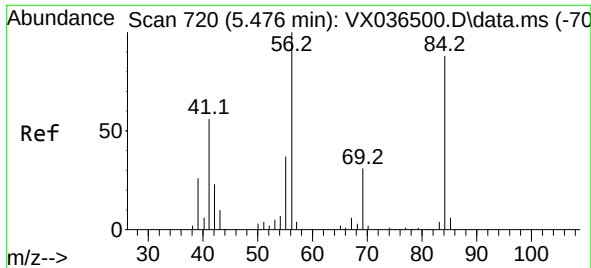
Tgt Ion: 62 Resp: 170639

Ion Ratio Lower Upper

62 100

98 8.1 6.5 9.7

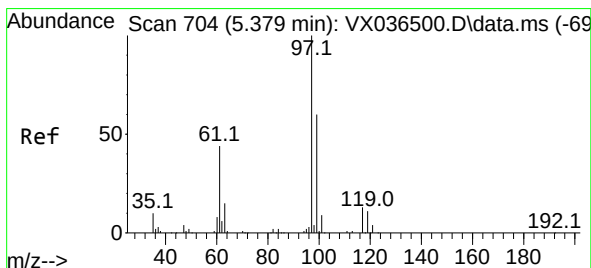
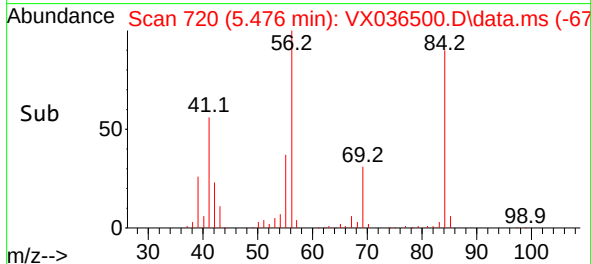
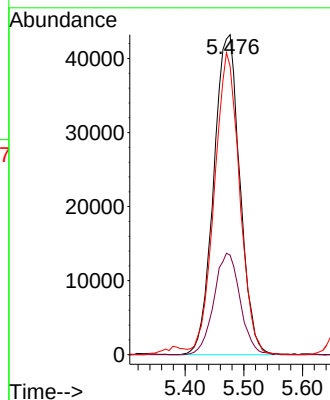
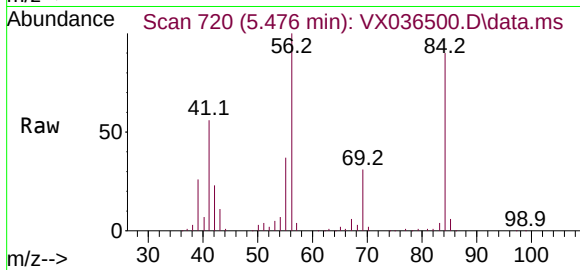




#29
Cyclohexane
Concen: 43.911 ug/L
RT: 5.476 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

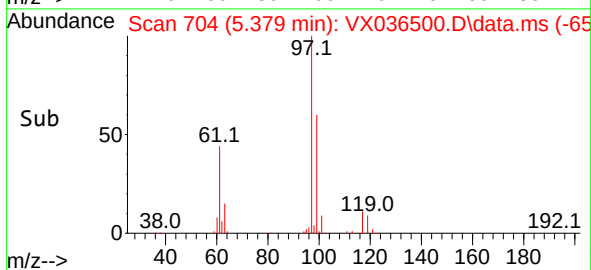
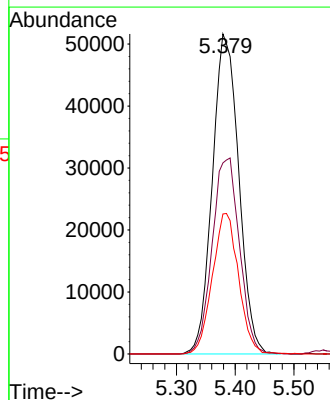
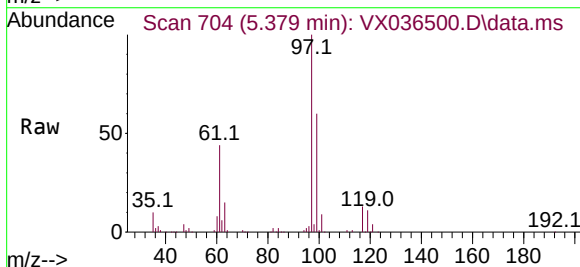
Instrument :
MSVOA_X
ClientSampleId :

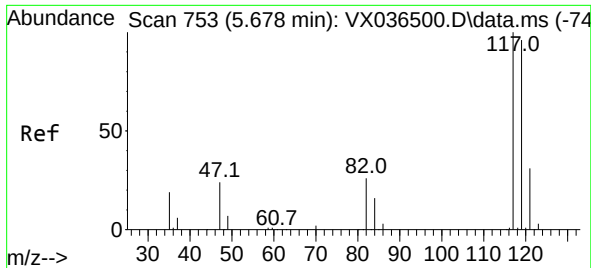
Tgt Ion: 56 Resp: 133844
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 91.2 73.0 109.4



#30
1,1,1-Trichloroethane
Concen: 50.286 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion: 97 Resp: 161099
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 43.4 34.7 52.1

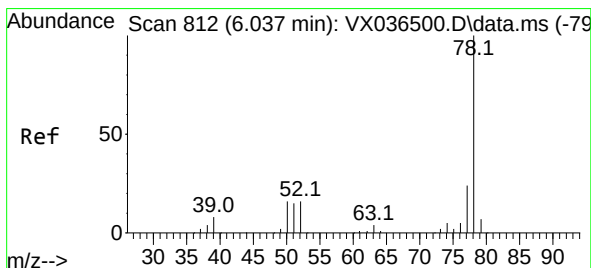
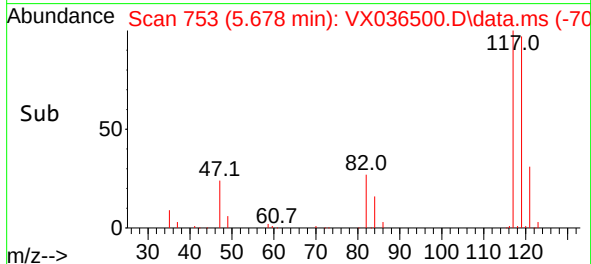
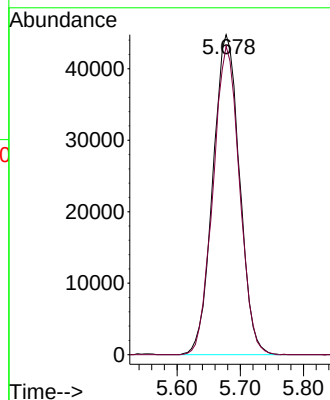
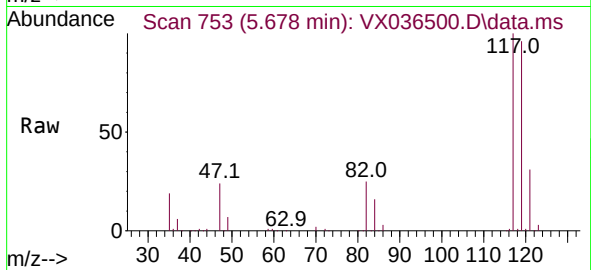




#31
Carbon tetrachloride
Concen: 48.716 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

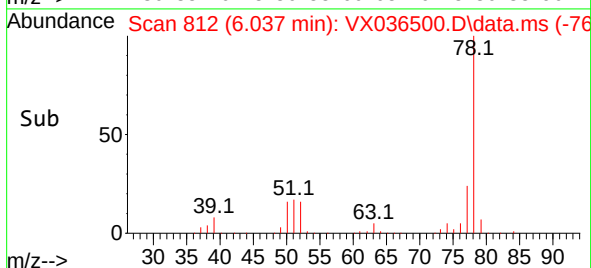
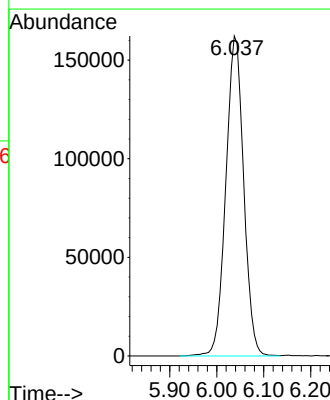
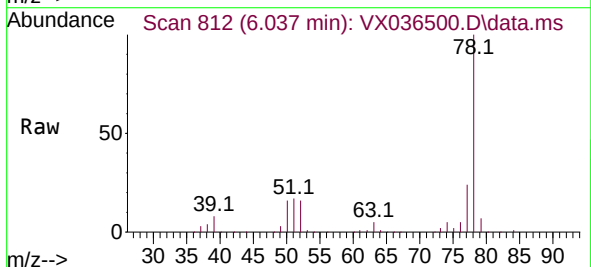
Instrument :
MSVOA_X
ClientSampleId :

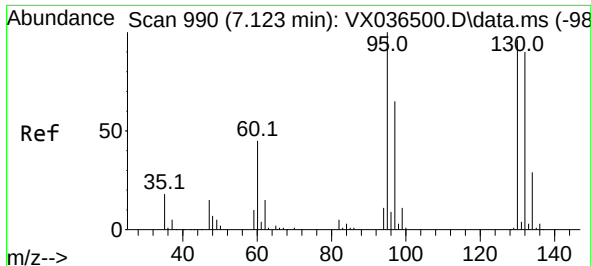
Tgt Ion:117 Resp: 130794
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 53.233 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

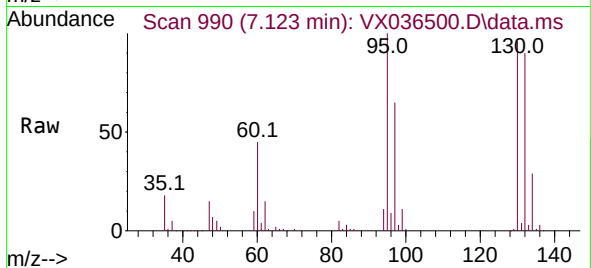
Tgt Ion: 78 Resp: 428479



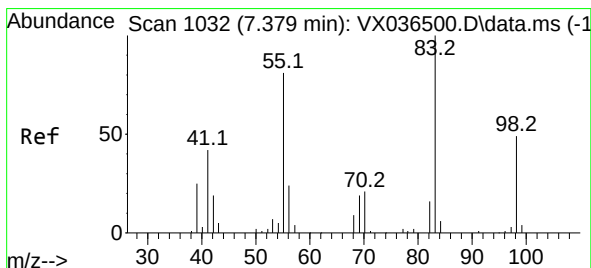
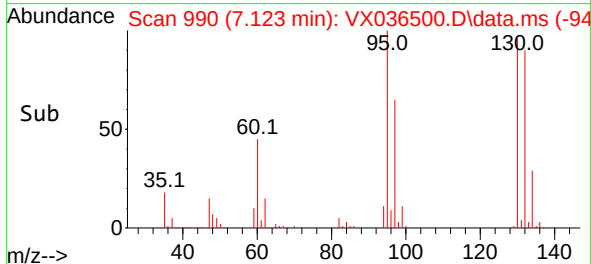
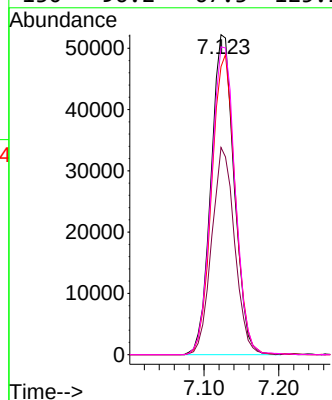


#34
Trichloroethene
Concen: 51.307 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :

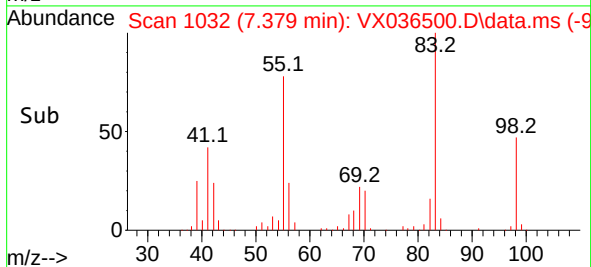
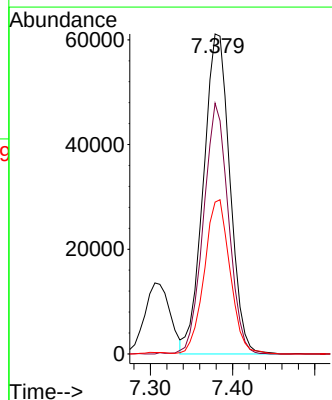
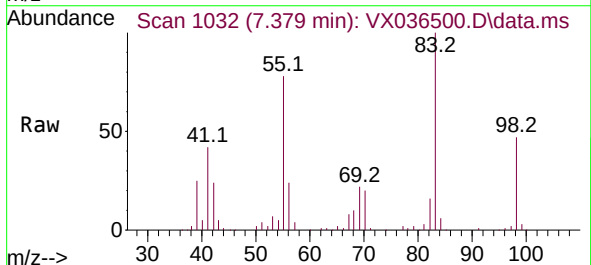


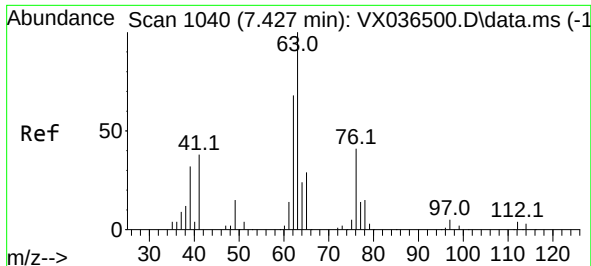
Tgt Ion: 95 Resp: 112639
Ion Ratio Lower Upper
95 100
97 64.7 45.3 84.1
132 90.0 63.0 117.0
130 96.2 67.3 125.1



#35
Methylcyclohexane
Concen: 42.797 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion: 83 Resp: 136840
Ion Ratio Lower Upper
83 100
55 73.7 59.0 88.4
98 46.9 37.5 56.3





#37

1,2-Dichloropropane

Concen: 54.237 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

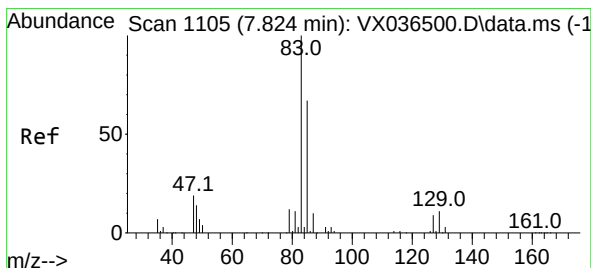
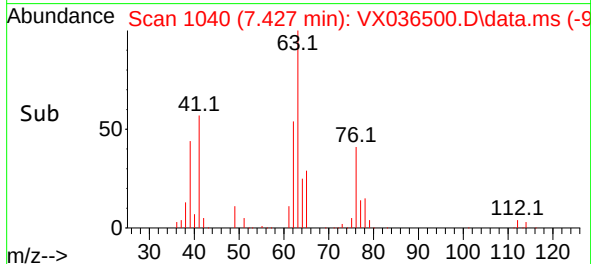
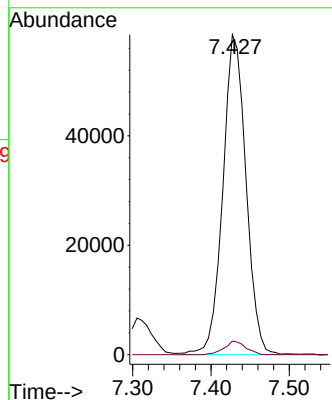
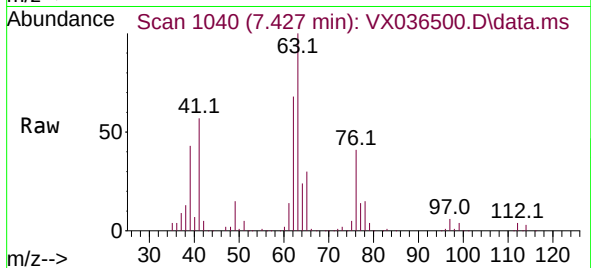
ClientSampleId :

Tgt Ion: 63 Resp: 120026

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 54.382 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

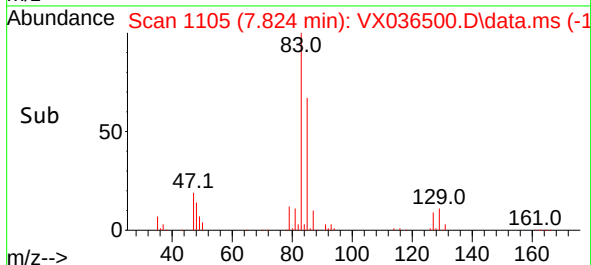
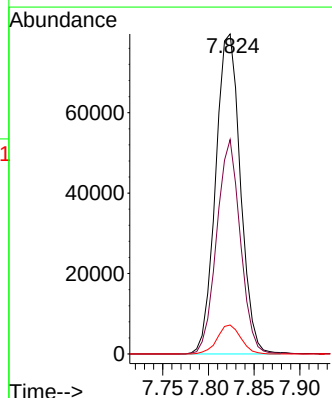
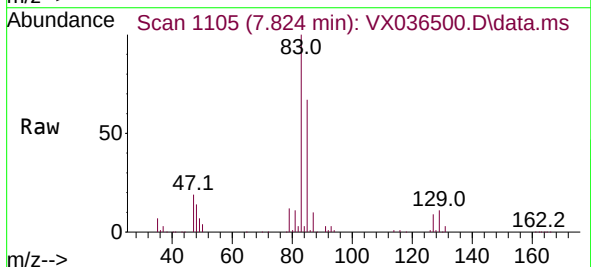
Tgt Ion: 83 Resp: 150066

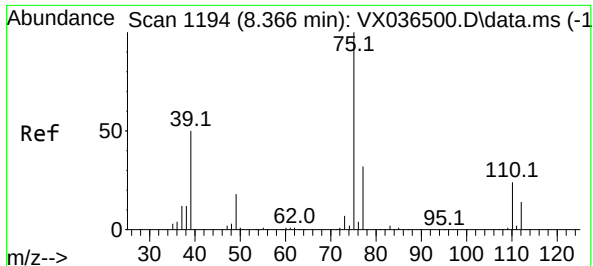
Ion Ratio Lower Upper

83 100

85 67.0 46.9 87.1

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 54.248 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

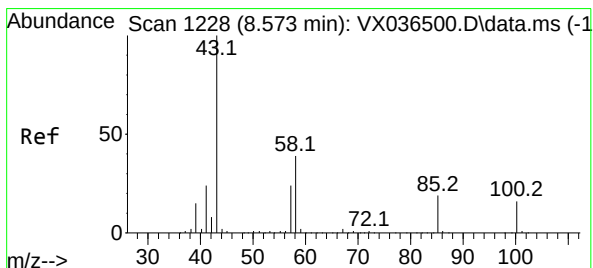
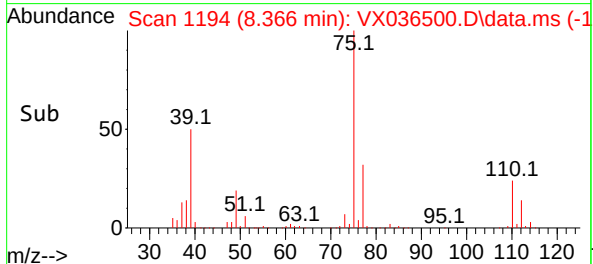
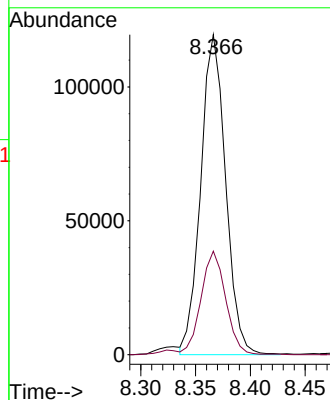
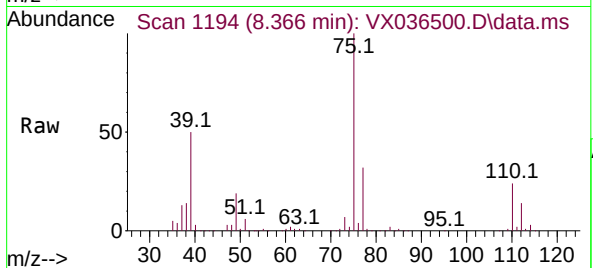
ClientSampleId :

Tgt Ion: 75 Resp: 189161

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 113.007 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

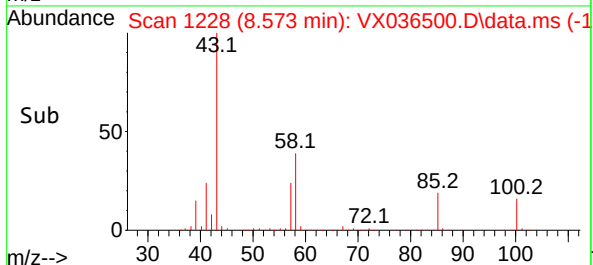
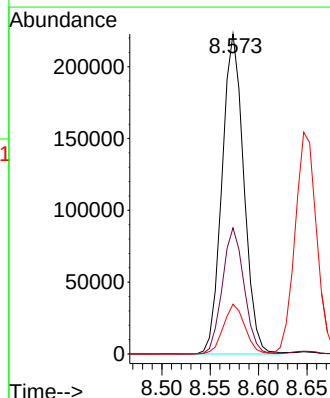
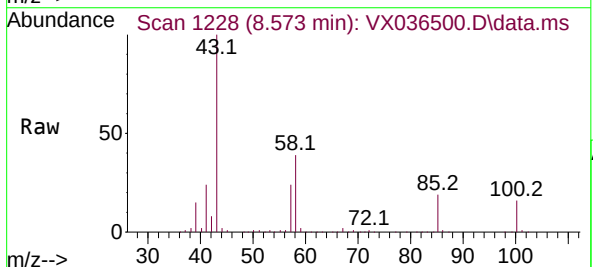
Tgt Ion: 43 Resp: 348566

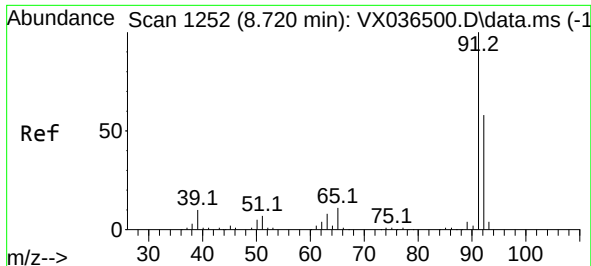
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0

100 15.4 12.3 18.5





#42

Toluene

Concen: 52.933 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

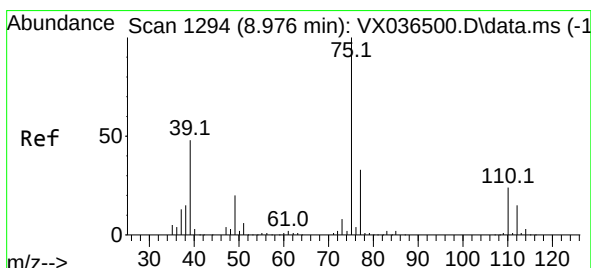
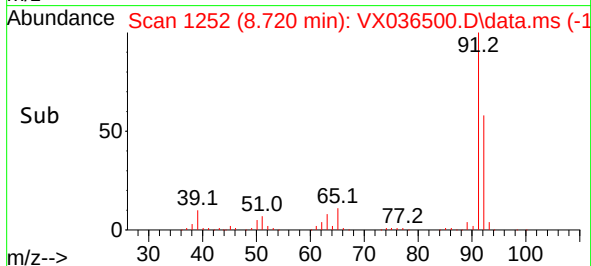
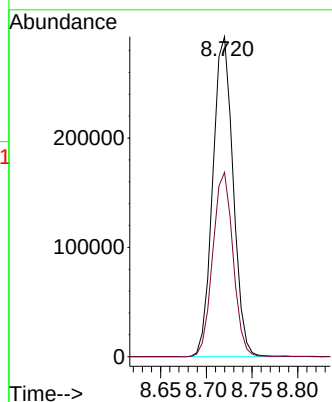
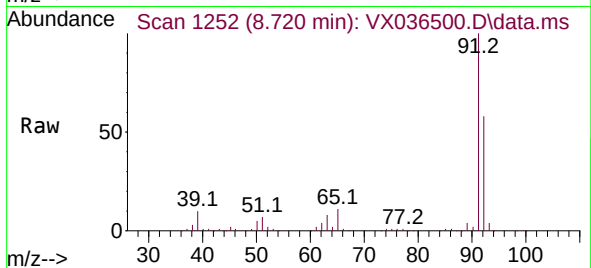
ClientSampleId :

Tgt Ion: 91 Resp: 453286

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 55.318 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036500.D

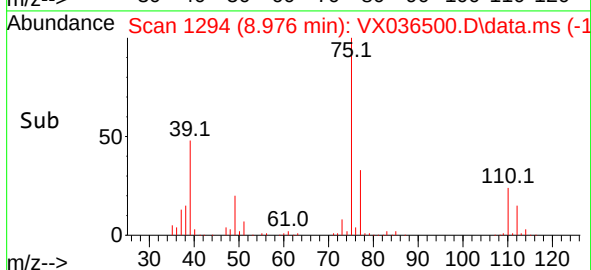
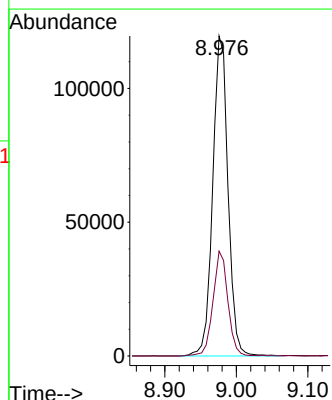
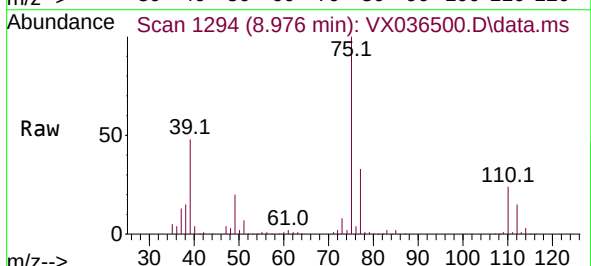
Acq: 12 Jul 2023 10:30

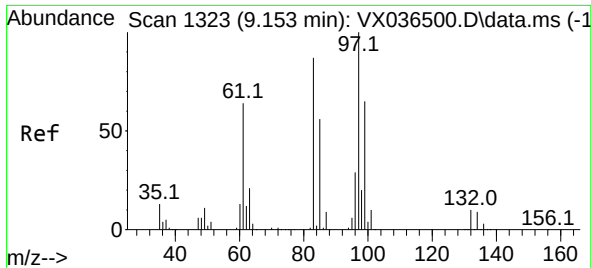
Tgt Ion: 75 Resp: 177619

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



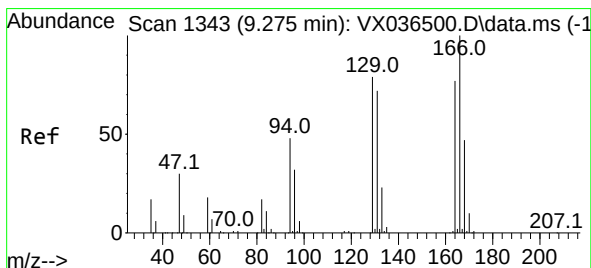
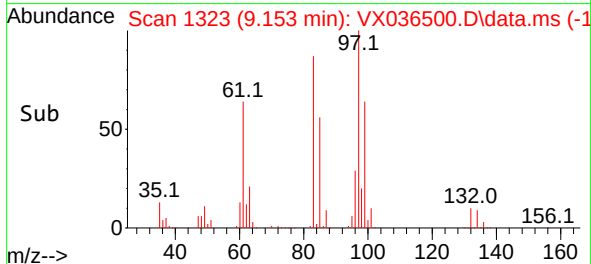
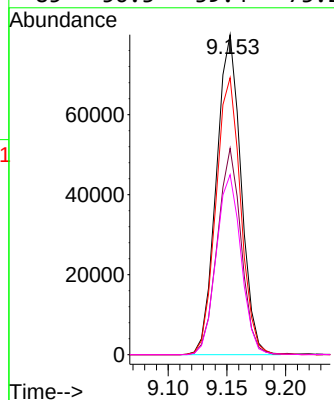
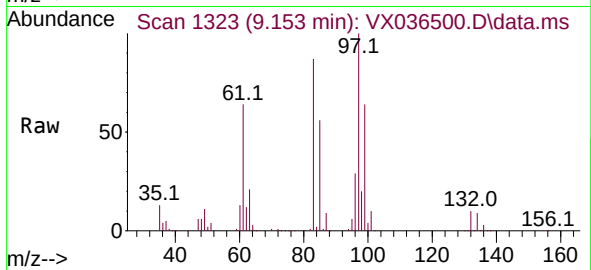


#45
 1,1,2-Trichloroethane
 Concen: 55.553 ug/L
 RT: 9.153 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 97 Resp: 116844

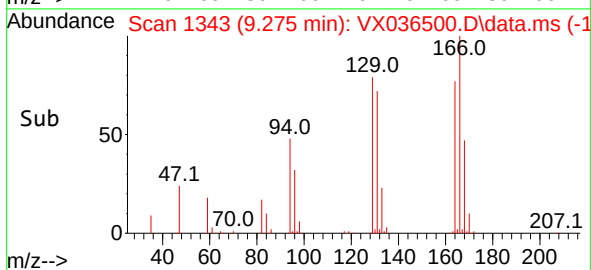
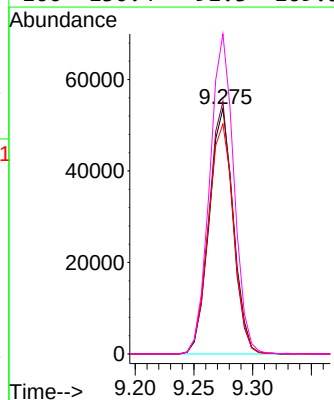
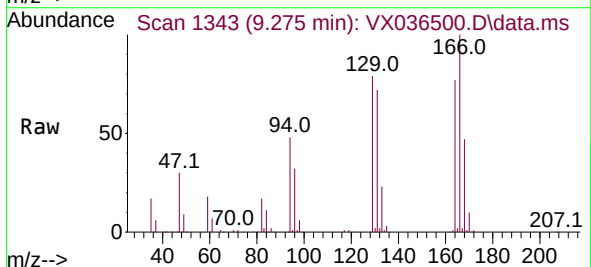
Ion	Ratio	Lower	Upper
97	100		
99	64.5	45.1	83.9
83	86.6	60.6	112.6
85	56.3	39.4	73.2

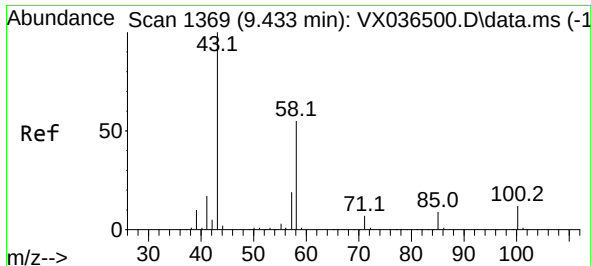


#46
 Tetrachloroethene
 Concen: 49.140 ug/L
 RT: 9.275 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

Tgt Ion: 164 Resp: 76652

Ion	Ratio	Lower	Upper
164	100		
129	102.9	72.0	133.8
131	93.8	65.7	121.9
166	130.4	91.3	169.5



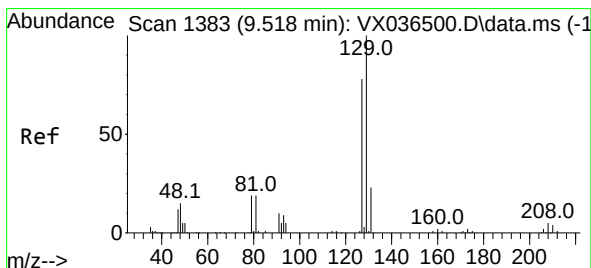
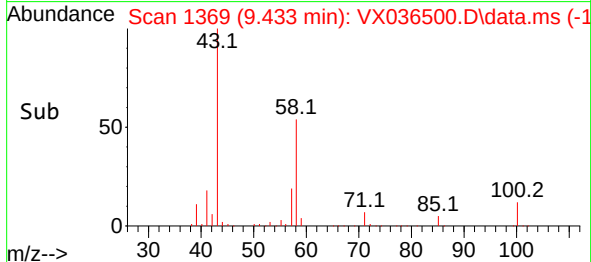
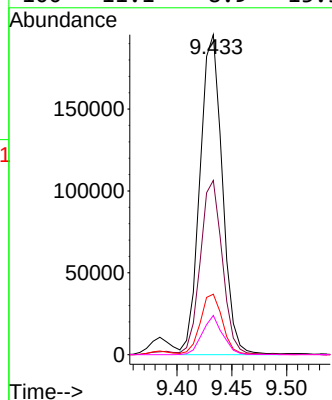
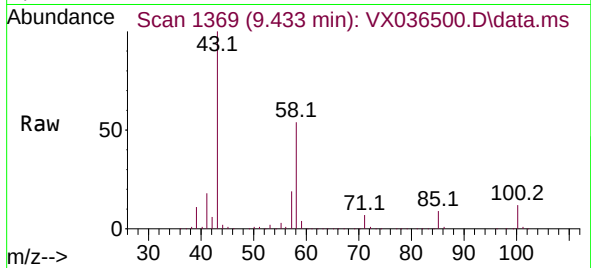


#48
2-Hexanone
Concen: 115.307 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 277942

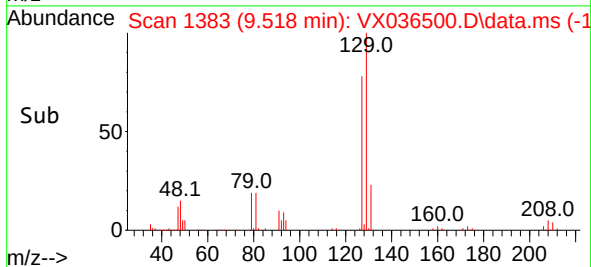
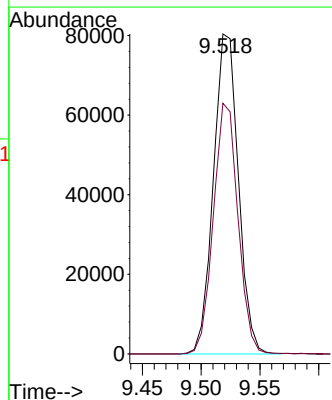
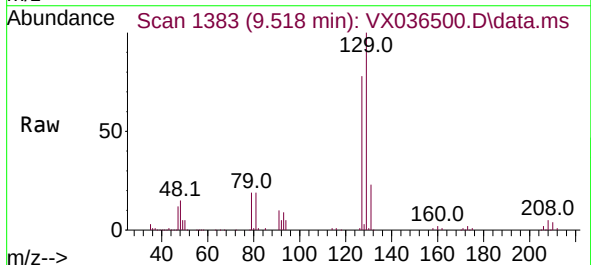
Ion	Ratio	Lower	Upper
43	100		
58	53.1	42.5	63.7
57	18.7	15.0	22.4
100	11.1	8.9	13.3

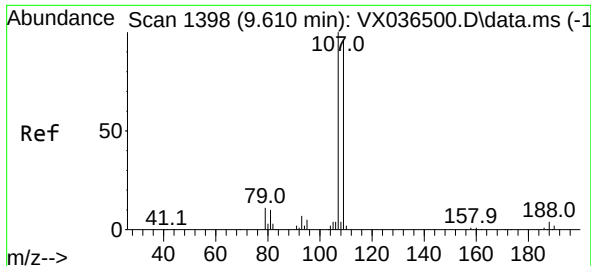


#49
Dibromochloromethane
Concen: 56.253 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion: 129 Resp: 118779

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.8	101.8

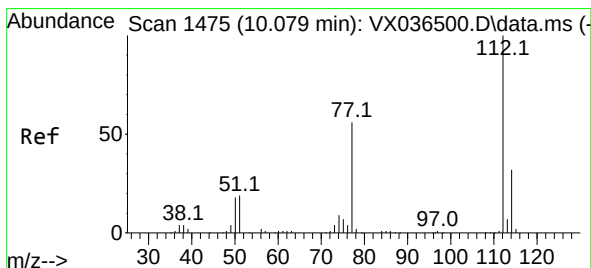
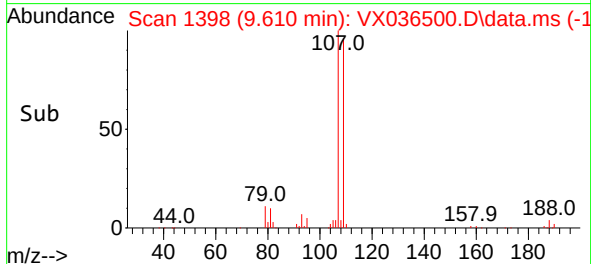
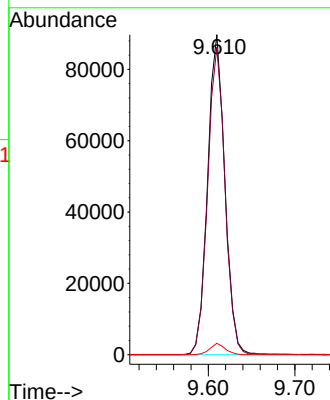
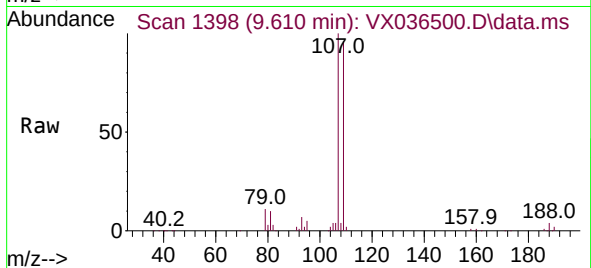




#50
1,2-Dibromoethane
Concen: 55.196 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

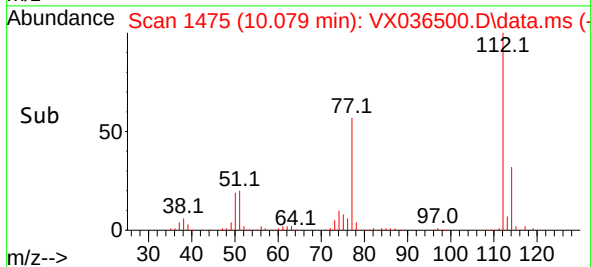
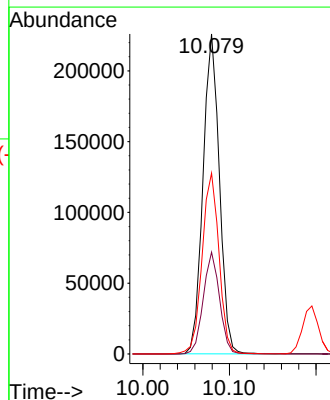
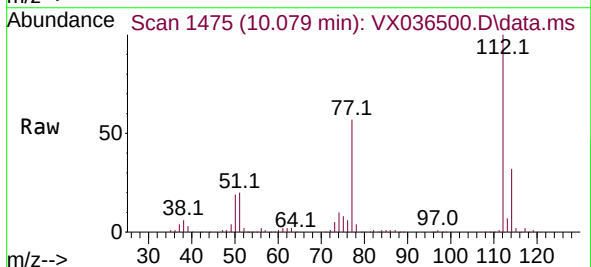
Instrument :
MSVOA_X
ClientSampleId :

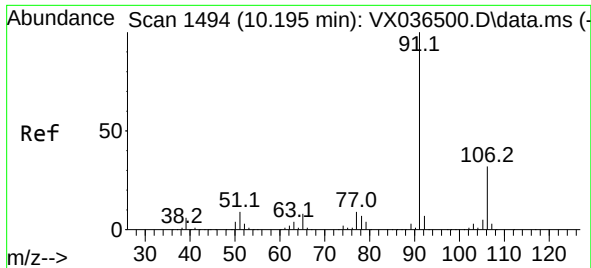
Tgt Ion:107 Resp: 124441
Ion Ratio Lower Upper
107 100
109 96.1 67.3 124.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 53.349 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion:112 Resp: 297033
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 56.5 45.2 67.8

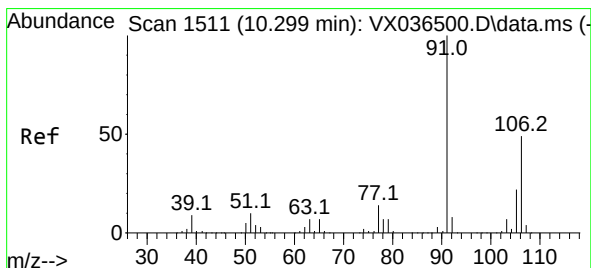
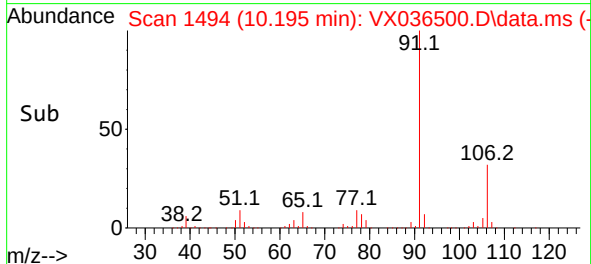
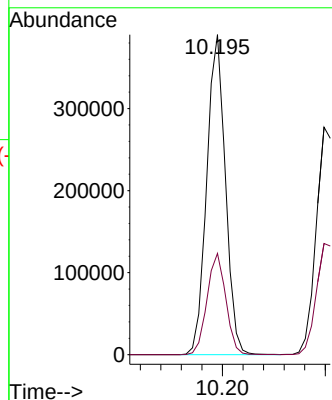
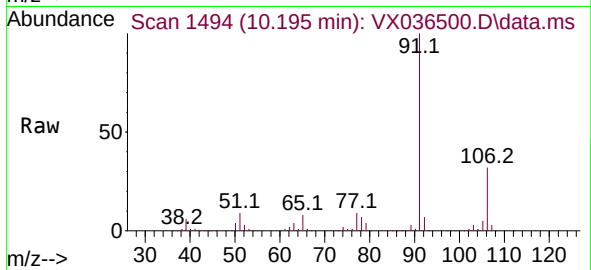




#52
Ethylbenzene
Concen: 52.202 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

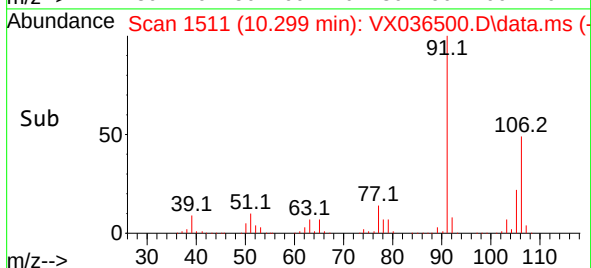
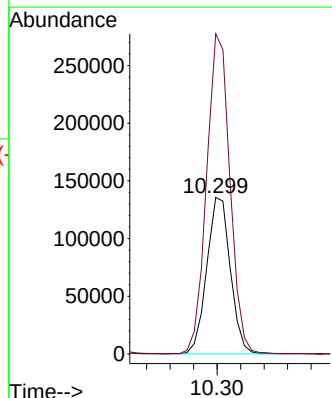
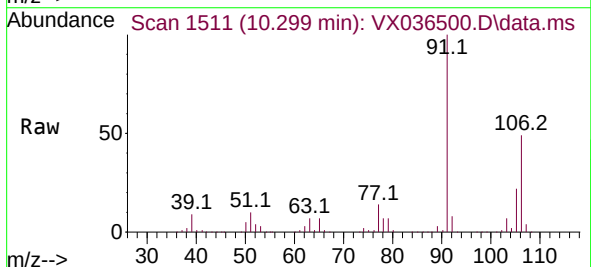
Instrument :
MSVOA_X
ClientSampleId :

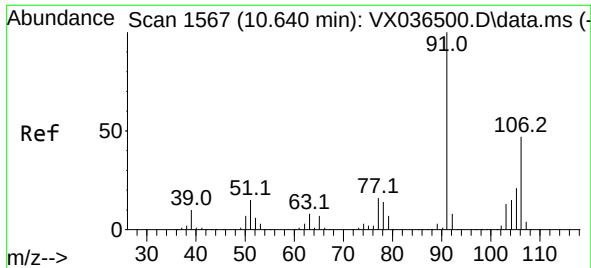
Tgt Ion: 91 Resp: 491954
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 52.636 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion: 106 Resp: 189273
Ion Ratio Lower Upper
106 100
91 204.5 143.1 265.9

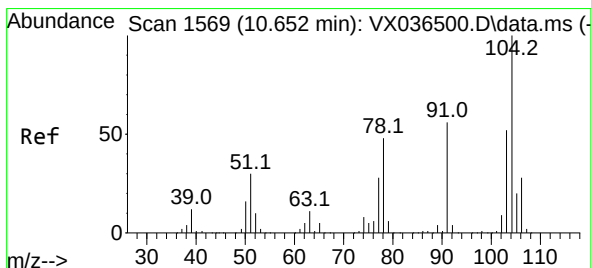
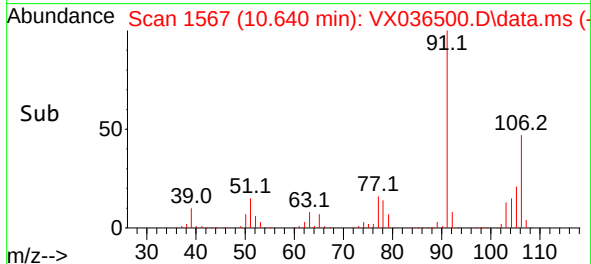
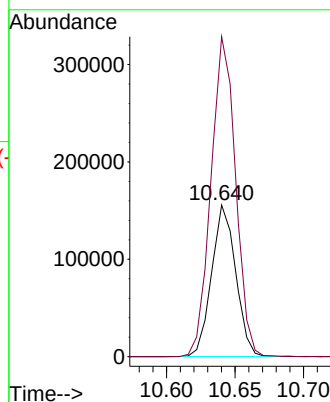
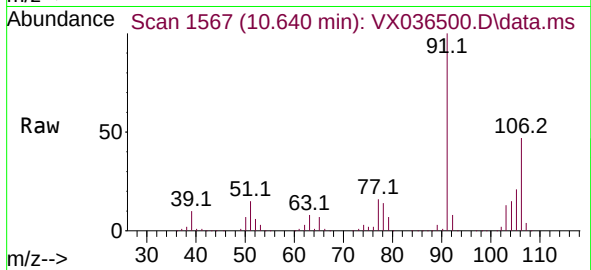




#54
o-Xylene
Concen: 53.222 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

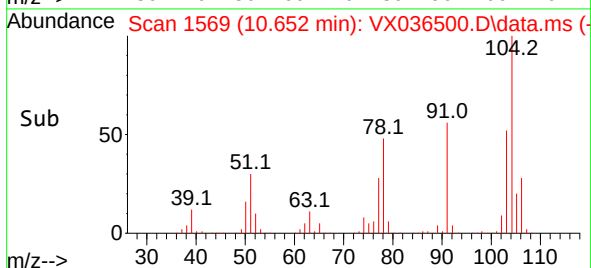
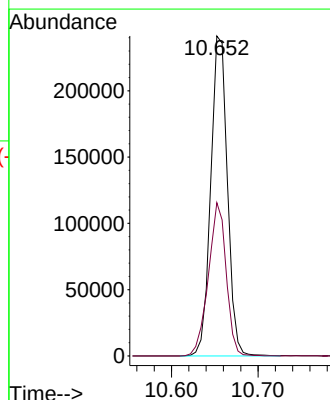
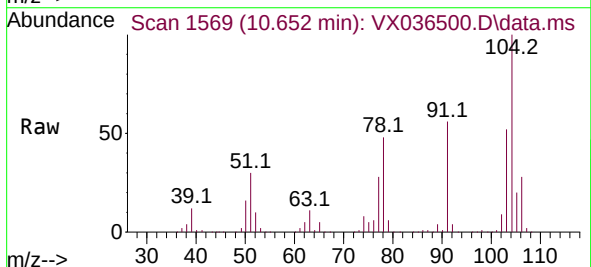
Instrument :
MSVOA_X
ClientSampleId :

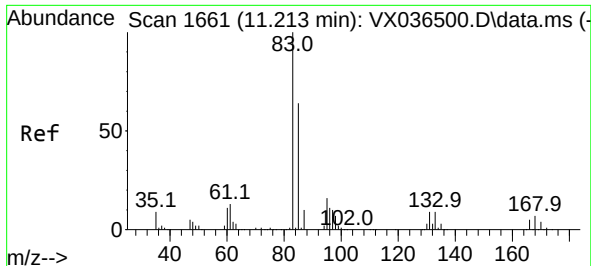
Tgt Ion:106 Resp: 189802
Ion Ratio Lower Upper
106 100
91 211.1 147.8 274.4



#55
Styrene
Concen: 54.226 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion:104 Resp: 322383
Ion Ratio Lower Upper
104 100
78 47.9 33.5 62.3

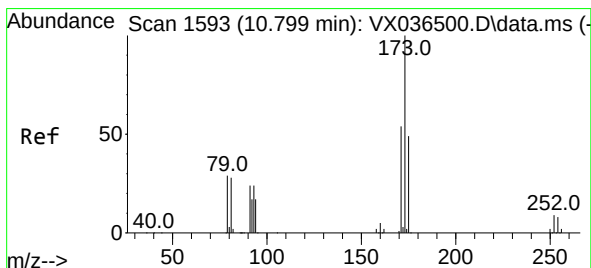
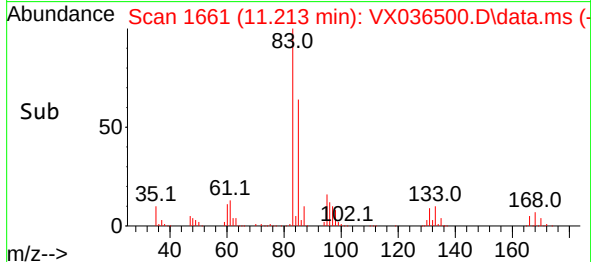
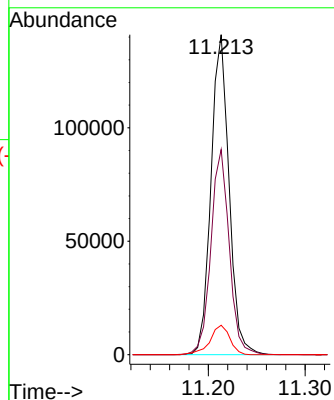
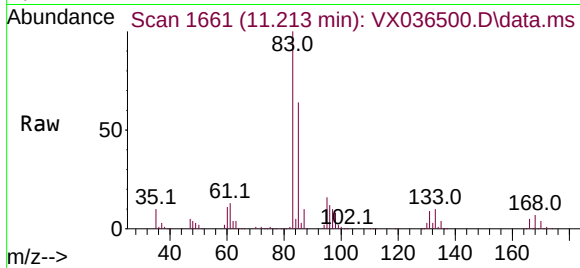




#57
1,1,2,2-Tetrachloroethane
Concen: 55.797 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

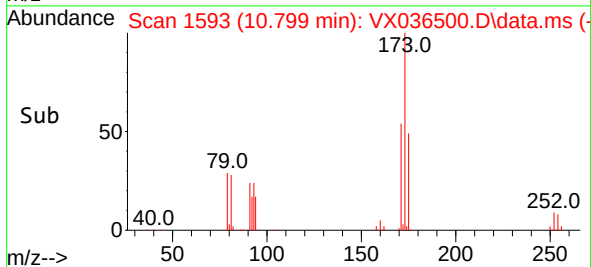
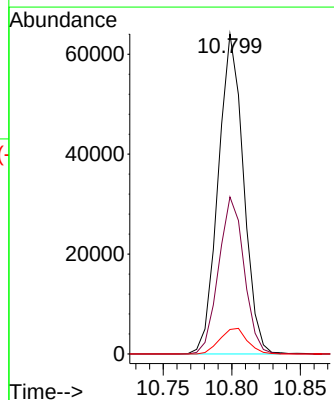
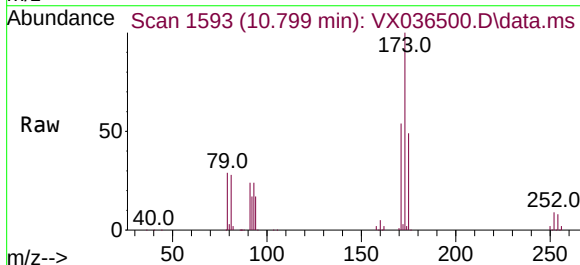
Instrument :
MSVOA_X
ClientSampleId :

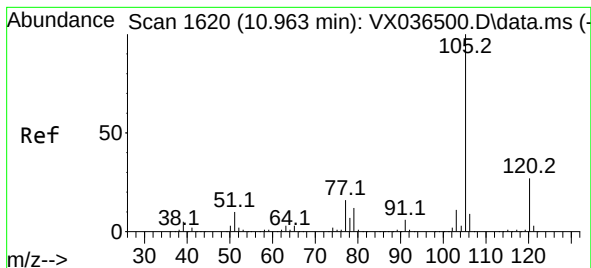
Tgt Ion: 83 Resp: 182299
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3
131 9.2 7.4 11.0



#59
Bromoform
Concen: 55.059 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion:173 Resp: 82151
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 8.7 7.0 10.4





#60

Isopropylbenzene

Concen: 51.329 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

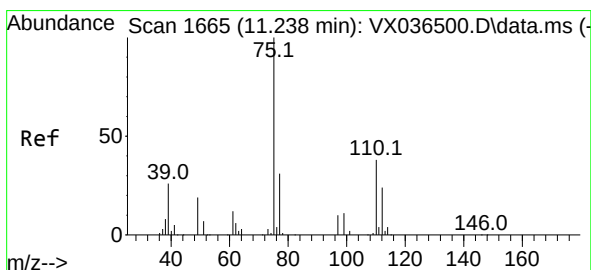
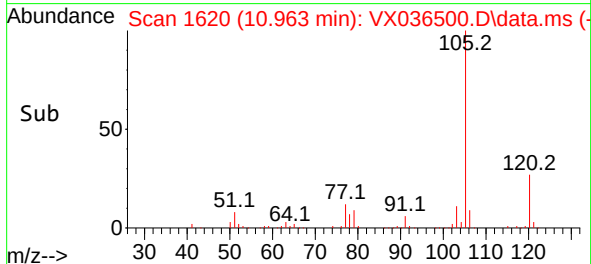
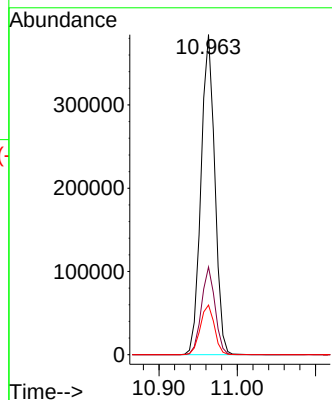
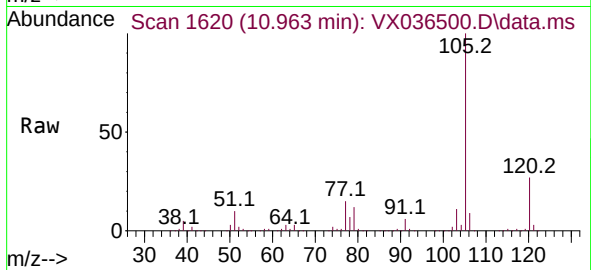
Tgt Ion:105 Resp: 471016

Ion Ratio Lower Upper

105 100

120 26.9 21.5 32.3

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 56.767 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

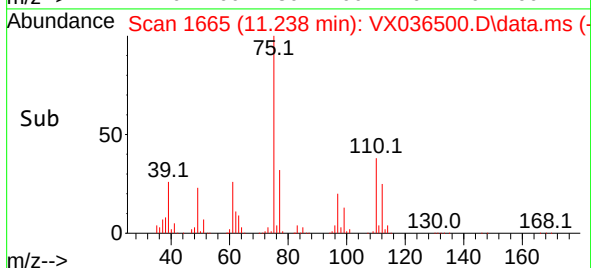
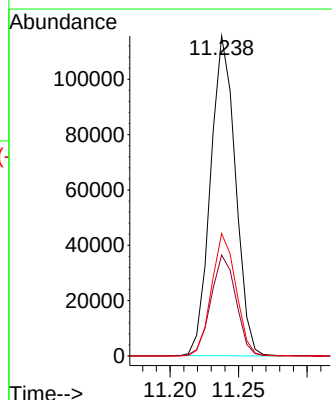
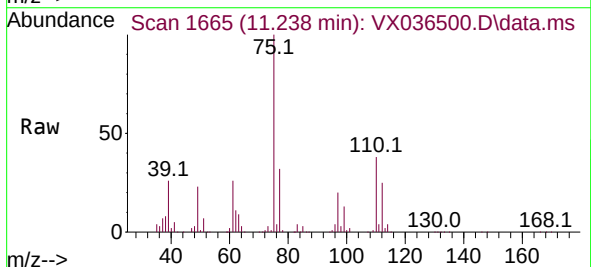
Tgt Ion: 75 Resp: 146291

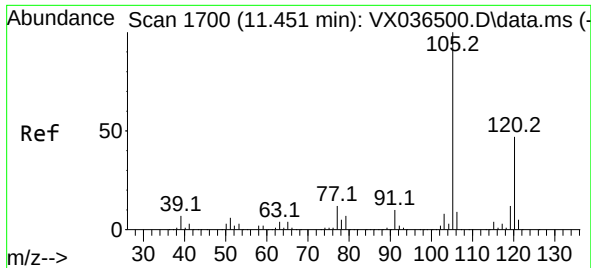
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

110 37.4 29.9 44.9

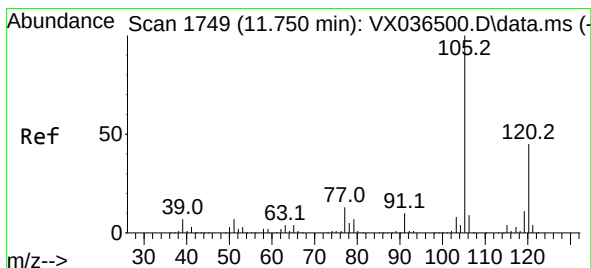
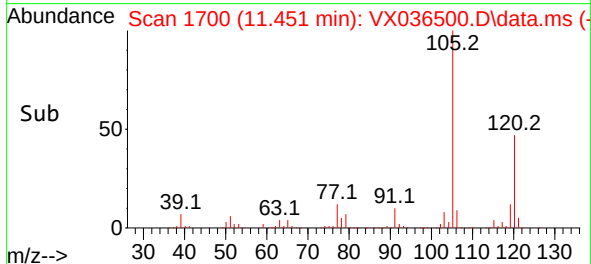
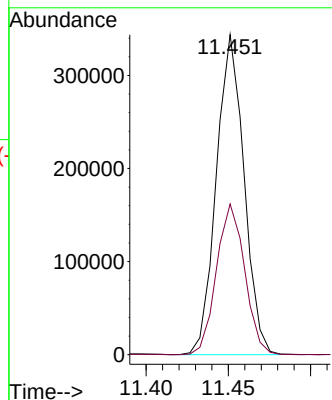
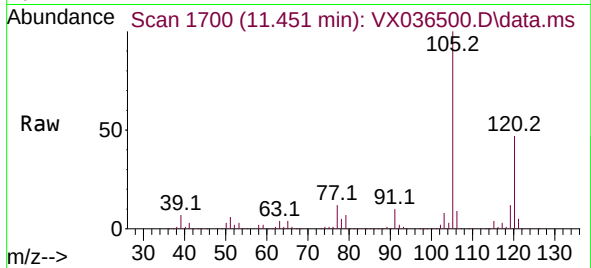




#62
 1,3,5-Trimethylbenzene
 Concen: 52.520 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

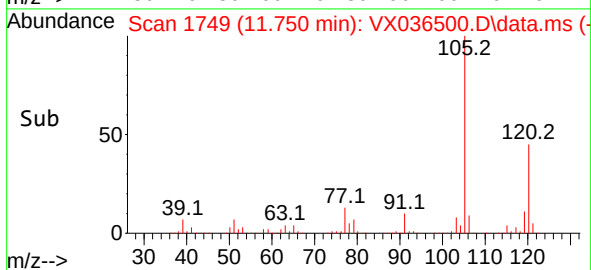
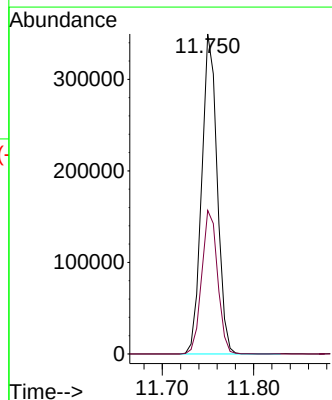
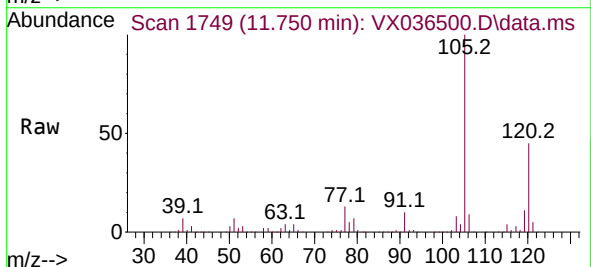
Instrument :
 MSVOA_X
 ClientSampleId :

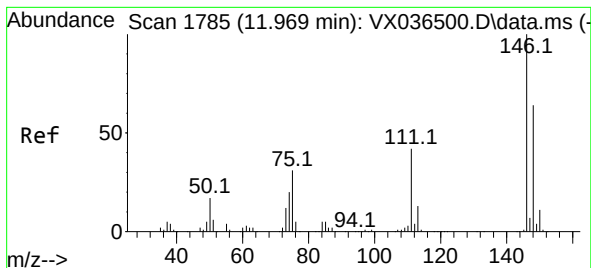
Tgt Ion:105 Resp: 402801
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 53.526 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX036500.D
 Acq: 12 Jul 2023 10:30

Tgt Ion:105 Resp: 411774
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 53.205 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

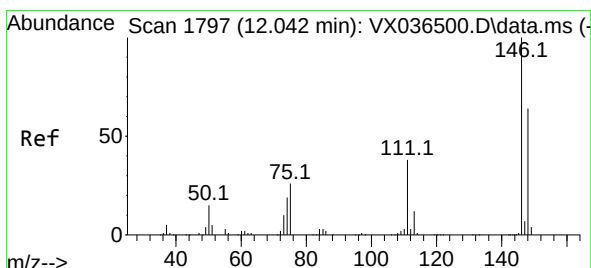
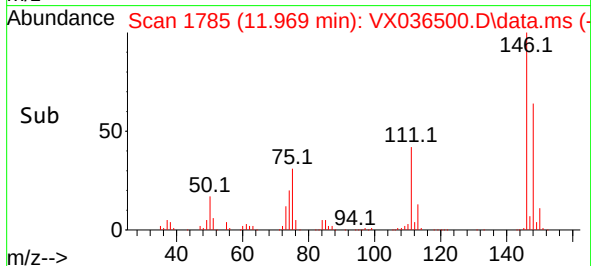
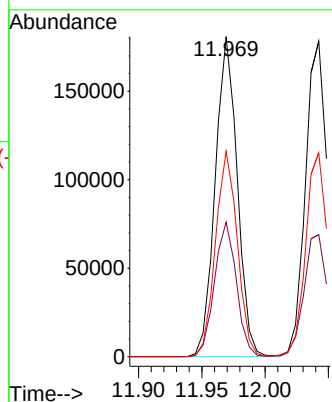
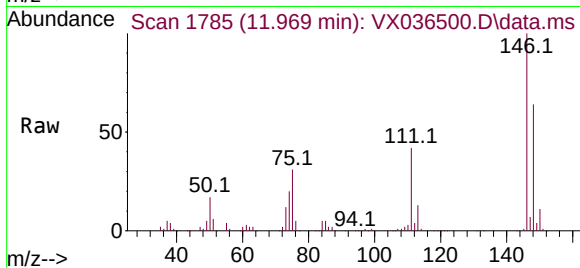
Tgt Ion:146 Resp: 218425

Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.7

148 64.2 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 52.888 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

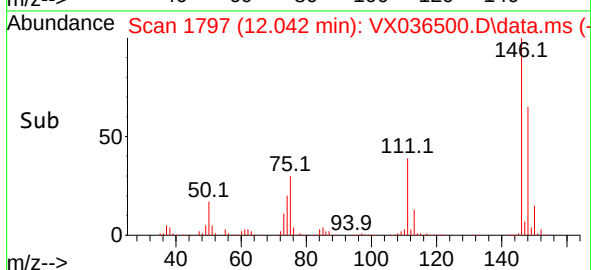
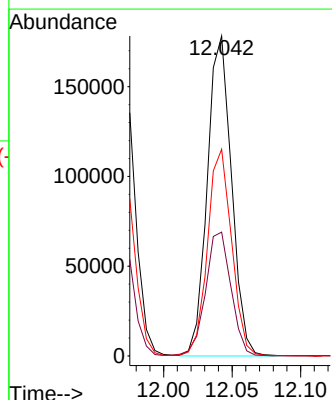
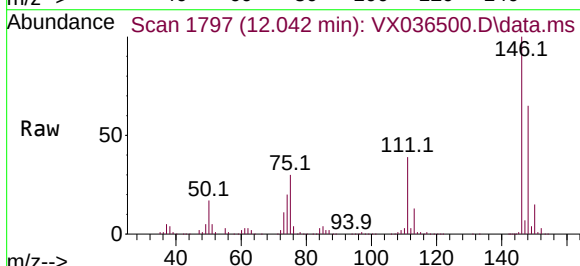
Tgt Ion:146 Resp: 219212

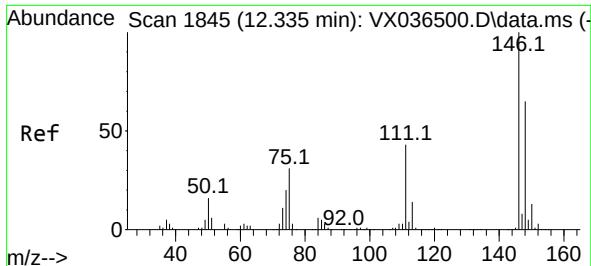
Ion Ratio Lower Upper

146 100

111 38.7 27.1 50.3

148 64.6 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 53.678 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :

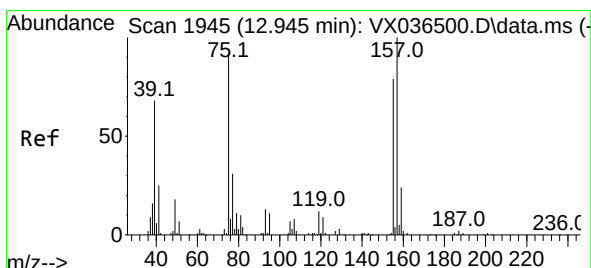
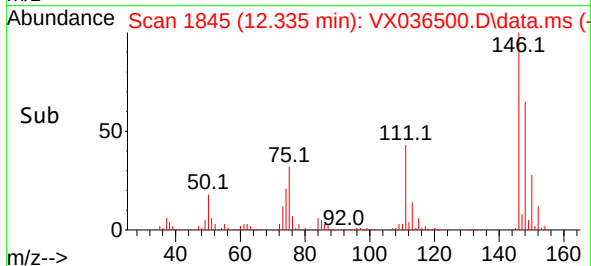
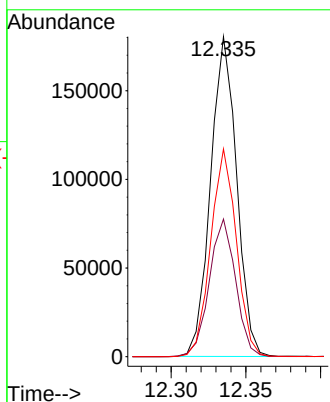
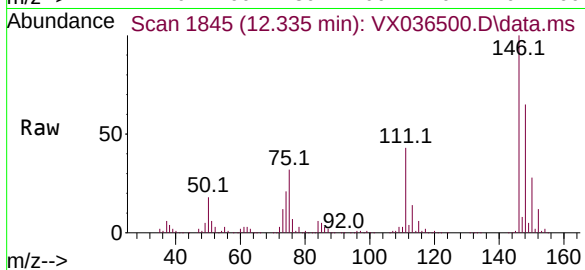
Tgt Ion:146 Resp: 218642

Ion Ratio Lower Upper

146 100

111 43.0 34.4 51.6

148 64.9 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 55.479 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

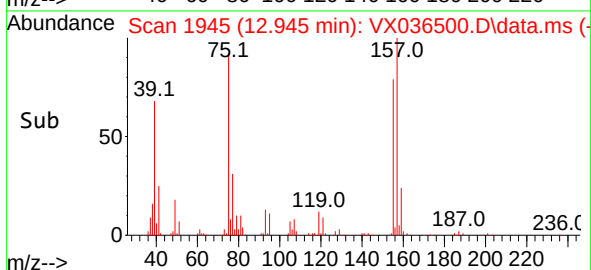
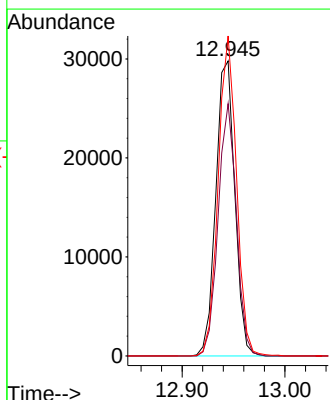
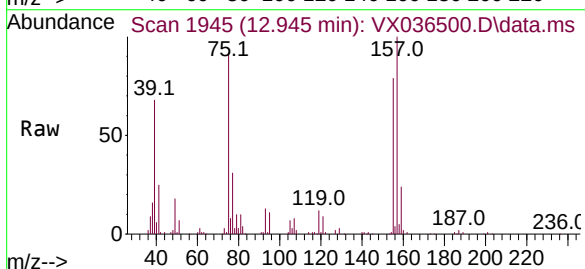
Tgt Ion: 75 Resp: 38098

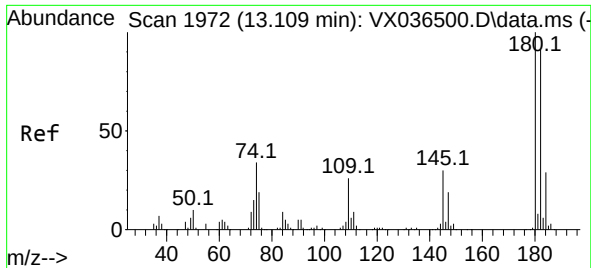
Ion Ratio Lower Upper

75 100

155 85.5 68.4 102.6

157 108.5 86.8 130.2





#69

1,3,5-Trichlorobenzene

Concen: 51.588 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

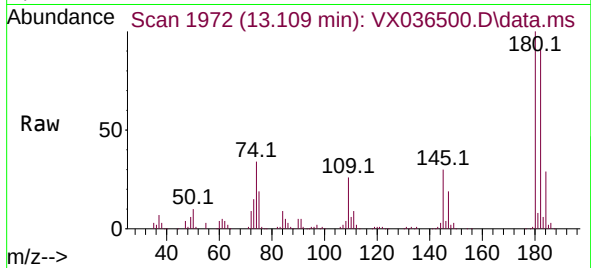
Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 140530

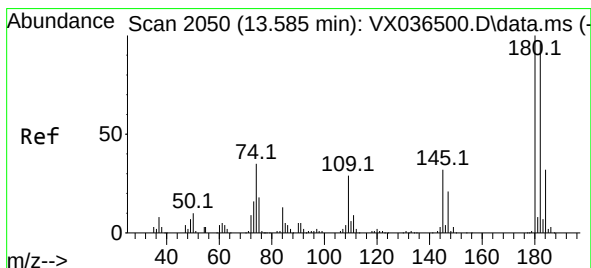
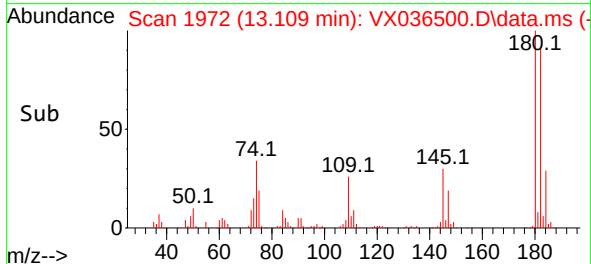
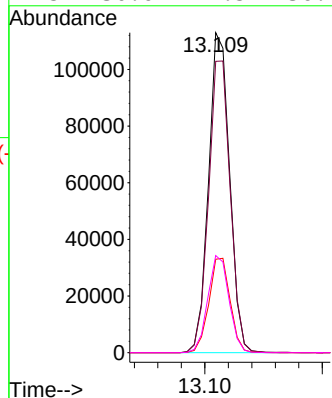
Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

184 29.9 23.9 35.9

145 30.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 51.343 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036500.D

Acq: 12 Jul 2023 10:30

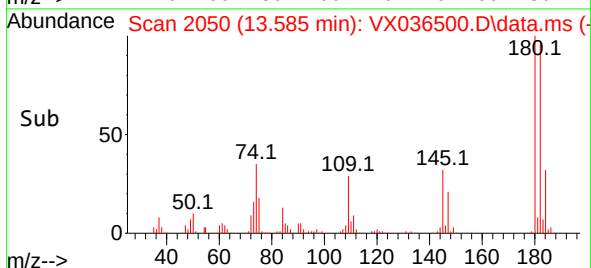
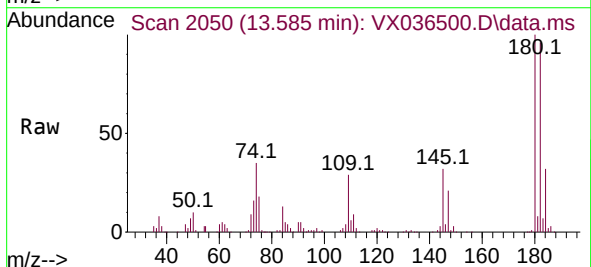
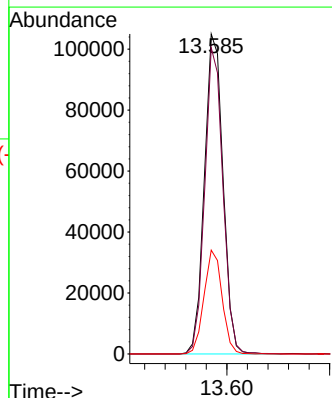
Tgt Ion:180 Resp: 131948

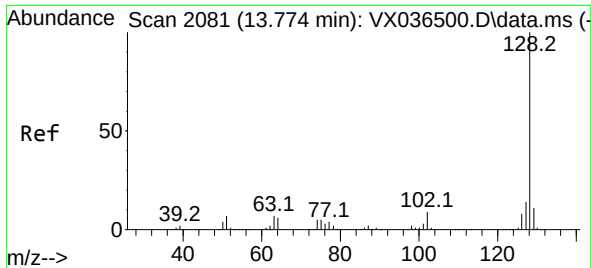
Ion Ratio Lower Upper

180 100

182 93.4 74.7 112.1

145 31.6 25.3 37.9

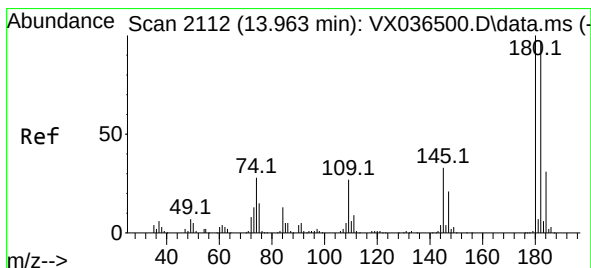
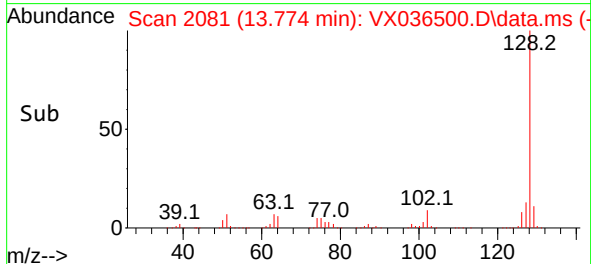
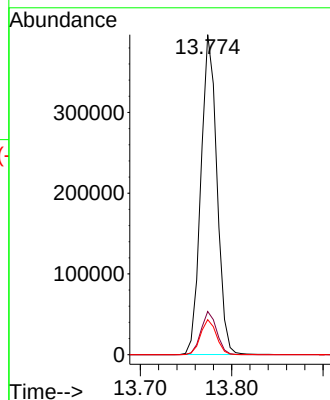
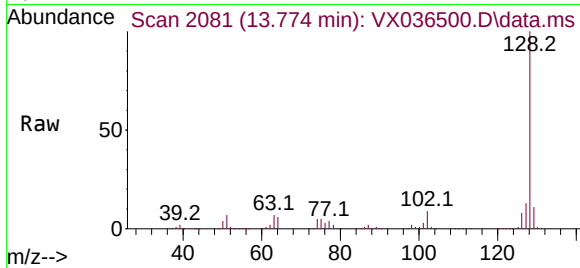




#71
Naphthalene
Concen: 54.968 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 481977
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.135 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036500.D
Acq: 12 Jul 2023 10:30

Tgt Ion:180 Resp: 128038
Ion Ratio Lower Upper
180 100
182 98.2 78.6 117.8
145 34.4 27.5 41.3

