

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036499.D
 Acq On : 12 Jul 2023 10:07
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:03:47 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	365640	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	333742	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	162922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22853	8.762	ug/L	0.00
7) Chloroethane-d5	1.666	69	25843	9.018	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	9248	8.310	ug/L	0.00
21) 2-Butanone-d5	4.459	46	32200	17.678	ug/L	0.00
24) Chloroform-d	5.056	84	42120	8.893	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	29943	9.256	ug/L	0.00
32) Benzene-d6	5.977	84	84440	8.937	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	27171	9.072	ug/L	0.00
41) Toluene-d8	8.647	98	81354	9.020	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	12284	8.615	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	22893	17.379	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	35561	9.025	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	28194	9.110	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21514	8.436	ug/L	97
3) Chloromethane	1.294	50	28310	9.389	ug/L	98
5) Vinyl chloride	1.374	62	27469	8.783	ug/L	98
6) Bromomethane	1.611	94	25289	8.558	ug/L	95
8) Chloroethane	1.691	64	20567	8.981	ug/L	98
9) Trichlorofluoromethane	1.886	101	43046	8.698	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	19481	8.311	ug/L	95
12) 1,1-Dichloroethene	2.319	96	19544	8.527	ug/L	76
13) Acetone	2.386	43	27137	19.644	ug/L	100
14) Carbon disulfide	2.514	76	51931	8.447	ug/L	97
15) Methyl Acetate	2.703	43	25347	9.229	ug/L	98
16) Methylene chloride	2.788	84	23842	9.427	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	21079	9.130	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	74049	9.225	ug/L	99
19) 1,1-Dichloroethane	3.611	63	42676	9.448	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	24246	8.986	ug/L	94
22) 2-Butanone	4.562	43	38246	19.037	ug/L	97
23) Bromochloromethane	4.904	128	12682	9.403	ug/L	94
25) Chloroform	5.093	83	43172	9.101	ug/L	98
27) 1,2-Dichloroethane	6.092	62	34799	9.274	ug/L	100
29) Cyclohexane	5.477	56	31715	8.594	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	35289	9.098	ug/L	98
31) Carbon tetrachloride	5.672	117	26891	8.273	ug/L	96
33) Benzene	6.044	78	90928	9.331	ug/L	100
34) Trichloroethene	7.129	95	23401	8.804	ug/L	95
35) Methylcyclohexane	7.379	83	30750	7.944	ug/L	99
37) 1,2-Dichloropropane	7.427	63	24596	9.180	ug/L	99
38) Bromodichloromethane	7.824	83	29909	8.952	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	36957	8.754	ug/L	92
40) 4-Methyl-2-pentanone	8.574	43	69325	18.564	ug/L	98
42) Toluene	8.720	91	95848	9.245	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	33062	8.505	ug/L	92

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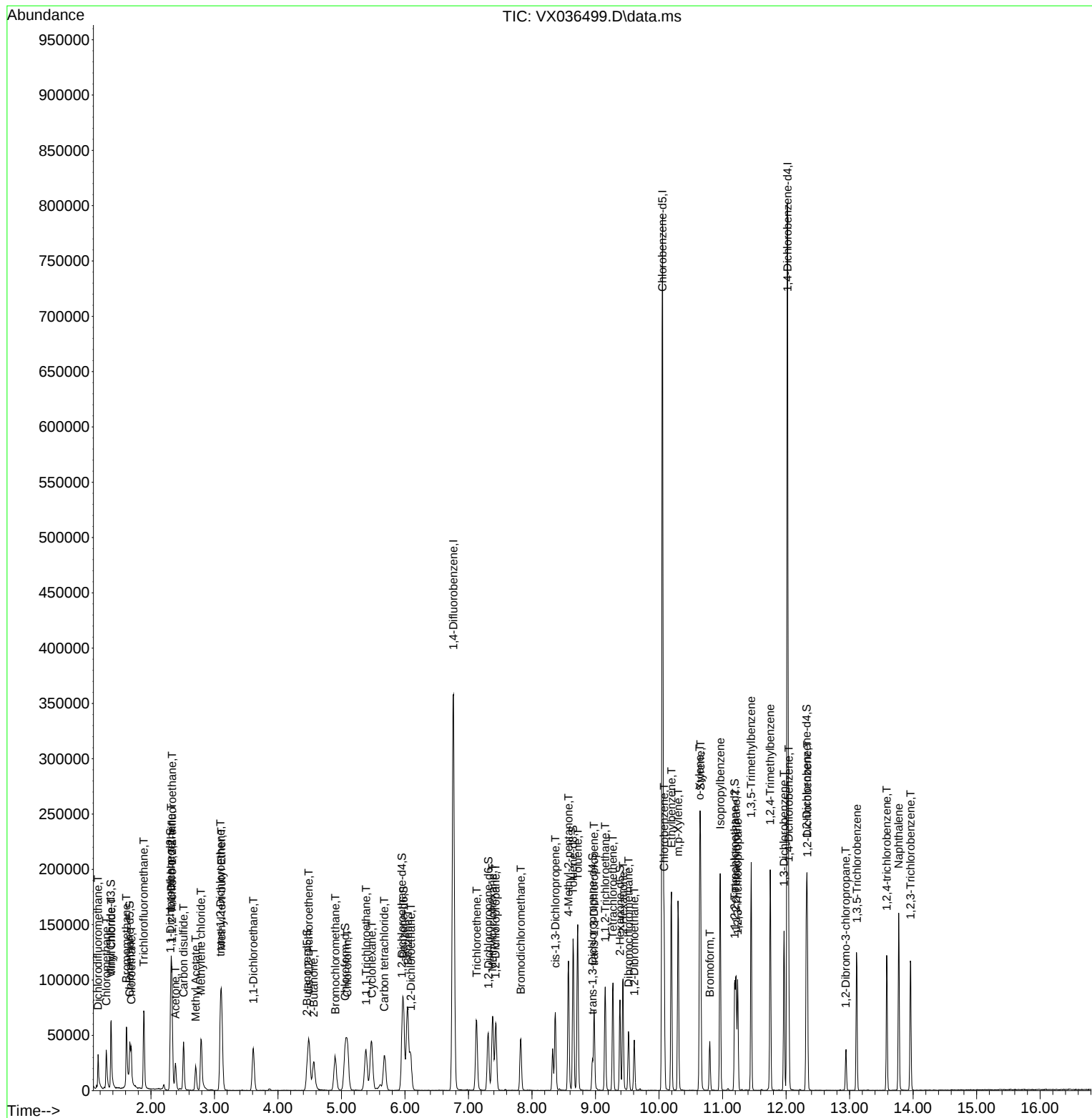
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	24031	9.437	ug/L	98
46) Tetrachloroethene	9.275	164	16785	8.888	ug/L	93
48) 2-Hexanone	9.433	43	54583	18.703	ug/L	99
49) Dibromochloromethane	9.519	129	21950	8.586	ug/L	96
50) 1,2-Dibromoethane	9.610	107	24649	9.030	ug/L	88
51) Chlorobenzene	10.079	112	61687	9.151	ug/L	98
52) Ethylbenzene	10.195	91	104249	9.137	ug/L	97
53) m,p-Xylene	10.299	106	39503	9.074	ug/L	99
54) o-Xylene	10.640	106	39955	9.254	ug/L	99
55) Styrene	10.653	104	64851	9.010	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	38154	9.646	ug/L	100
59) Bromoform	10.799	173	15528	8.720	ug/L	98
60) Isopropylbenzene	10.963	105	100454	9.172	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	29724	9.664	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	82235	8.984	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	84227	9.174	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	44774	9.138	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	45343	9.166	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	45341	9.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	7053	8.606	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.115	180	28096	8.642	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	26639	8.685	ug/L	99
71) Naphthalene	13.774	128	94793	9.058	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	26452	8.851	ug/L	98

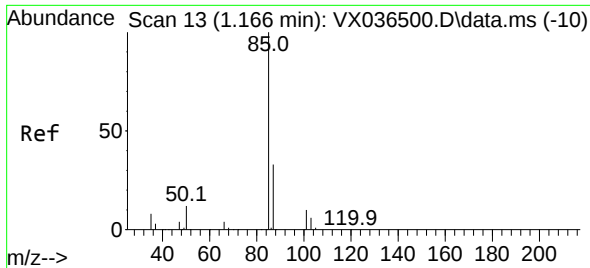
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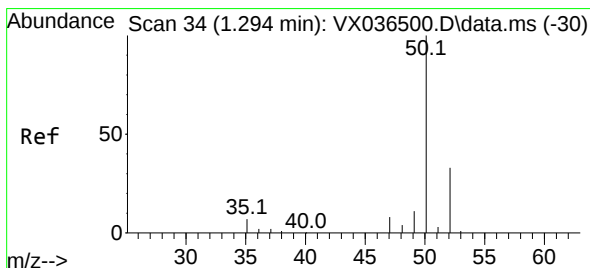
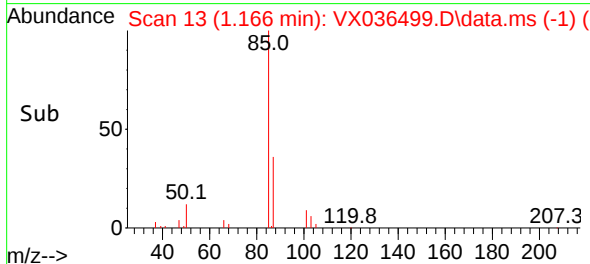
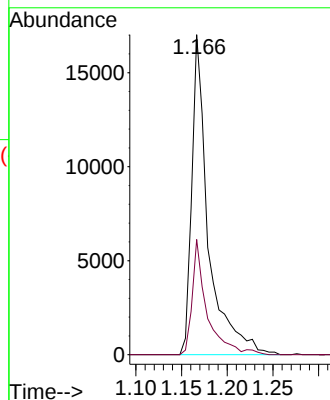
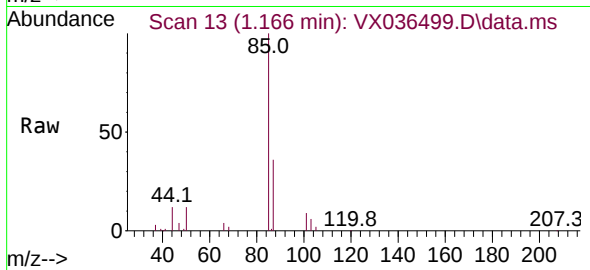




#2
Dichlorodifluoromethane
Concen: 8.436 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

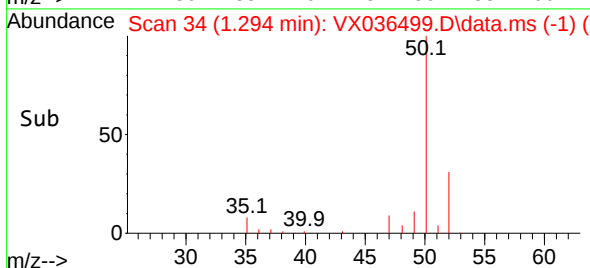
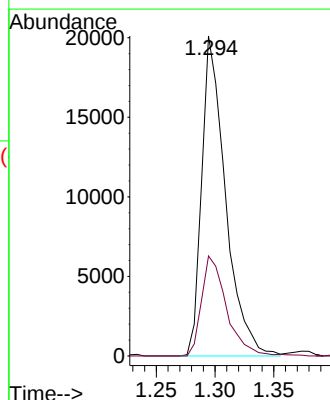
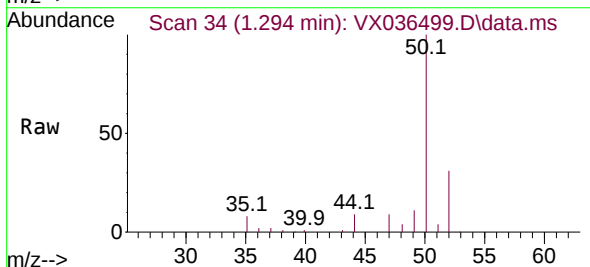
Instrument :
MSVOA_X
ClientSampleId :

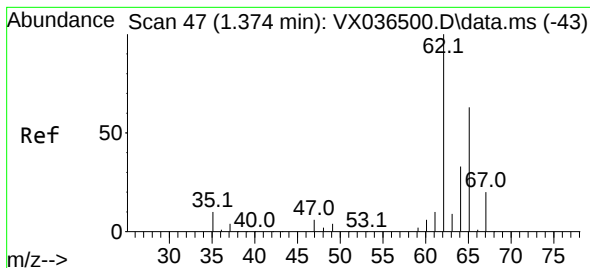
Tgt Ion: 85 Resp: 21514
Ion Ratio Lower Upper
85 100
87 31.1 26.3 39.5



#3
Chloromethane
Concen: 9.389 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

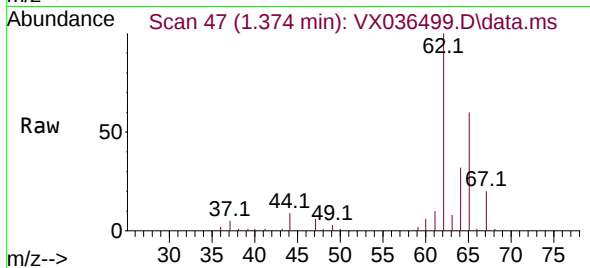
Tgt Ion: 50 Resp: 28310
Ion Ratio Lower Upper
50 100
52 31.3 22.8 42.4



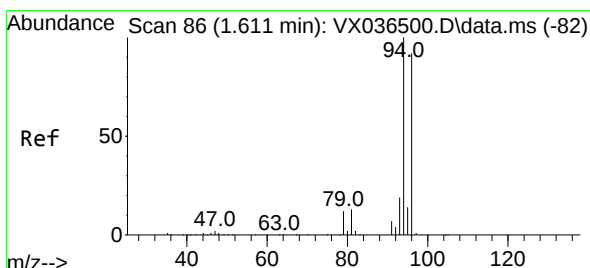
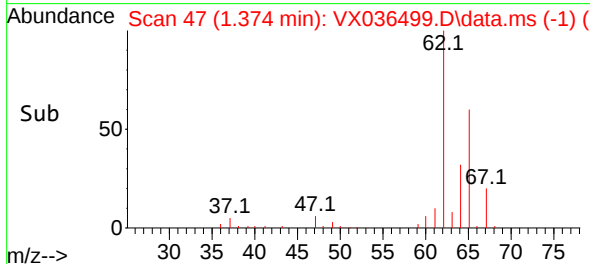
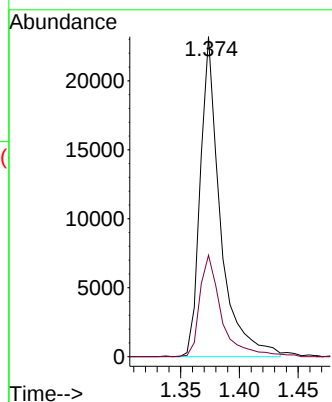


#5
 Vinyl chloride
 Concen: 8.783 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036499.D
 Acq: 12 Jul 2023 10:07

Instrument :
 MSVOA_X
 ClientSampleId :

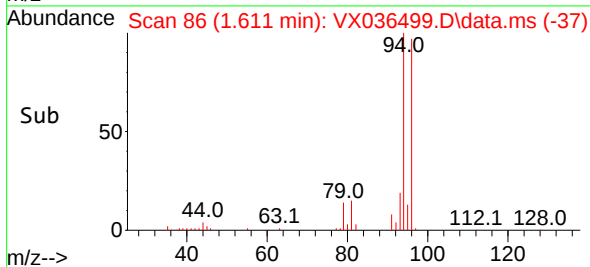
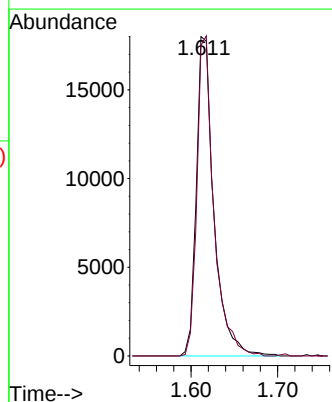
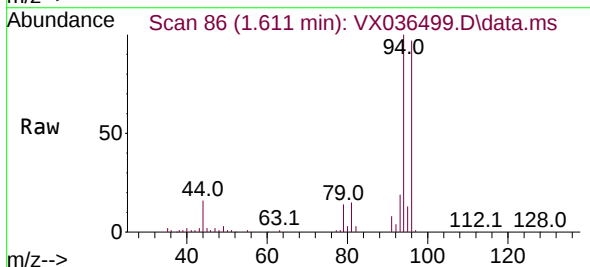


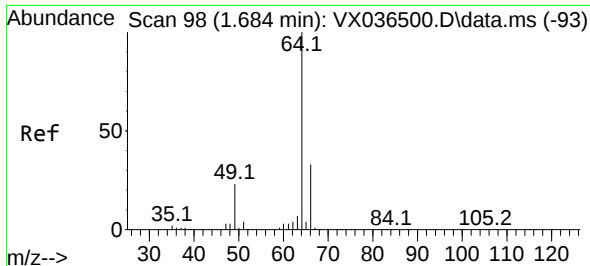
Tgt Ion: 62 Resp: 27469
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.8 42.4



#6
 Bromomethane
 Concen: 8.558 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX036499.D
 Acq: 12 Jul 2023 10:07

Tgt Ion: 94 Resp: 25289
 Ion Ratio Lower Upper
 94 100
 96 97.3 64.5 119.7

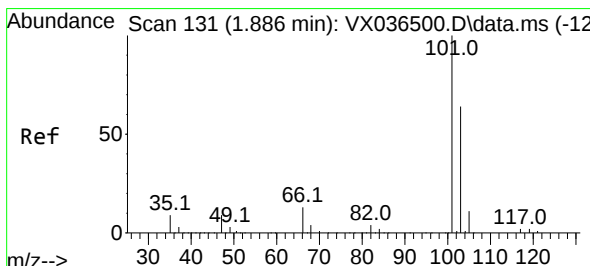
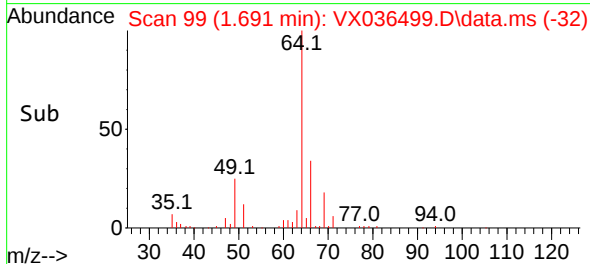
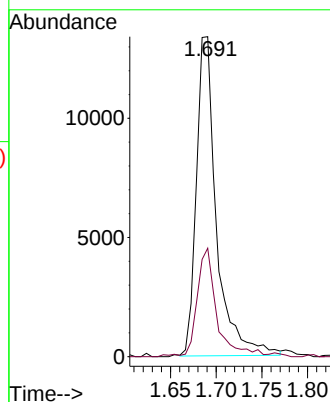
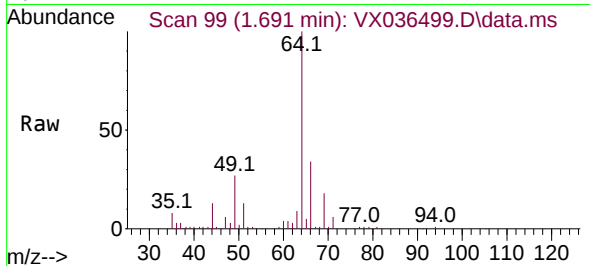




#8
Chloroethane
Concen: 8.981 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

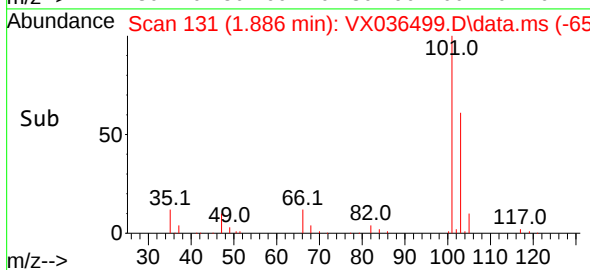
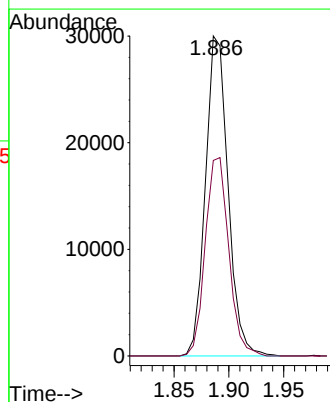
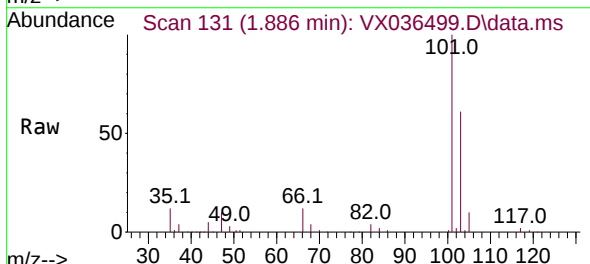
Instrument :
MSVOA_X
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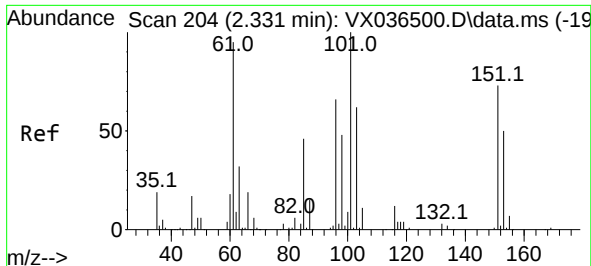
Tgt Ion: 64 Resp: 20567
Ion Ratio Lower Upper
64 100
66 33.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 8.698 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion: 101 Resp: 43046
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

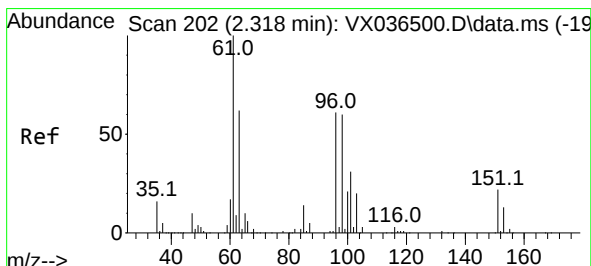
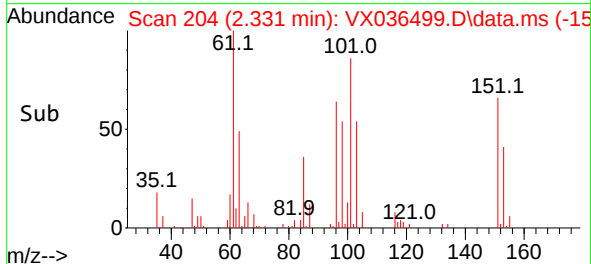
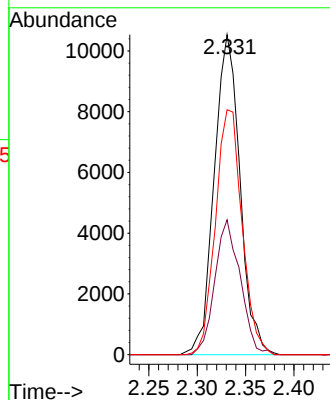
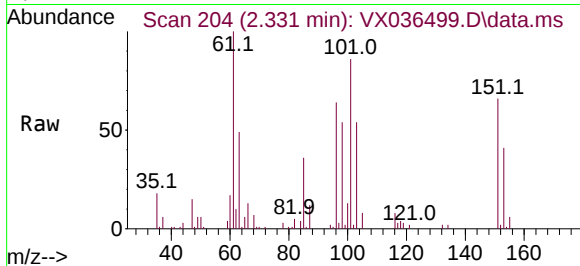




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.311 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

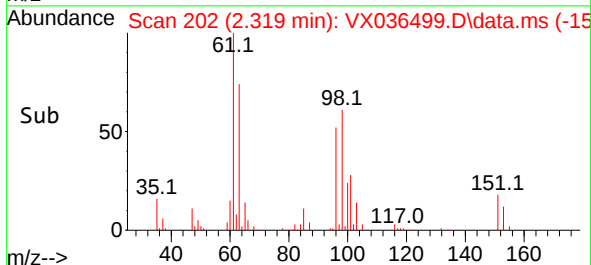
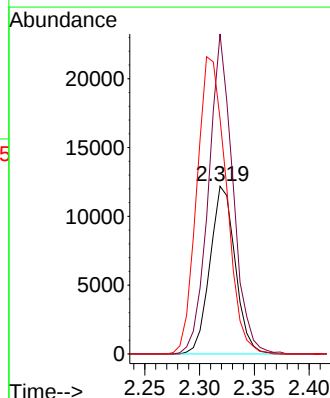
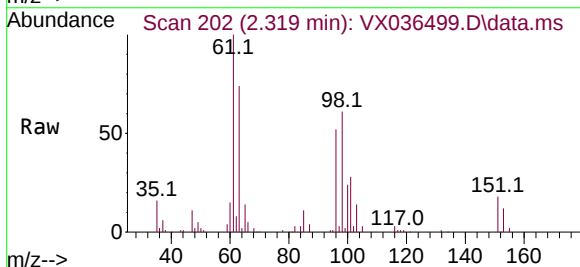
Instrument :
MSVOA_X
ClientSampleId :

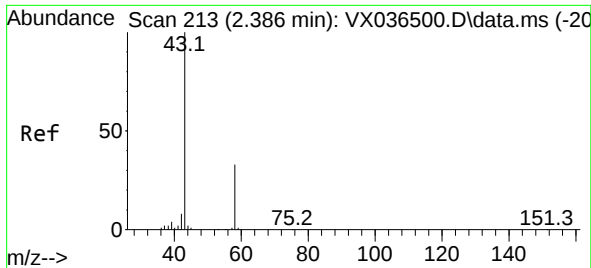
Tgt Ion:	101	Resp:	19481
Ion	Ratio	Lower	Upper
101	100		
85	41.2	35.8	53.8
151	79.0	59.8	89.6



#12
1,1-Dichloroethene
Concen: 8.527 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion:	96	Resp:	19544
Ion	Ratio	Lower	Upper
96	100		
61	190.8	115.3	214.1
63	140.2	76.3	141.7





#13

Acetone

Concen: 19.644 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

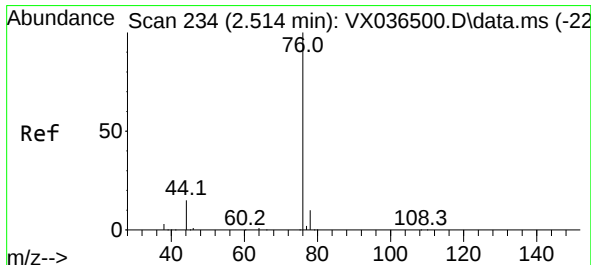
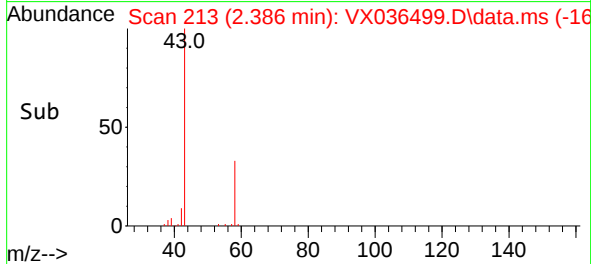
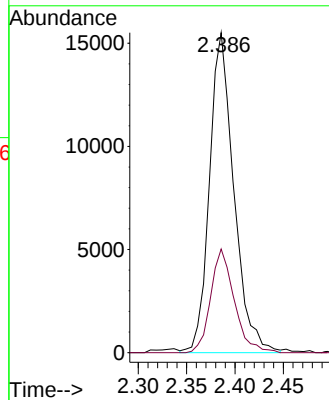
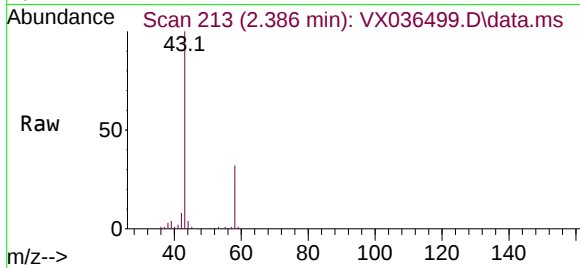
ClientSampleId :

Tgt Ion: 43 Resp: 27137

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.6



#14

Carbon disulfide

Concen: 8.447 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036499.D

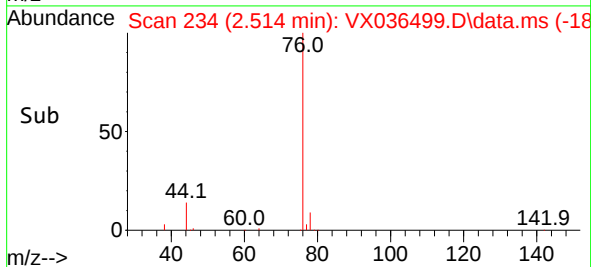
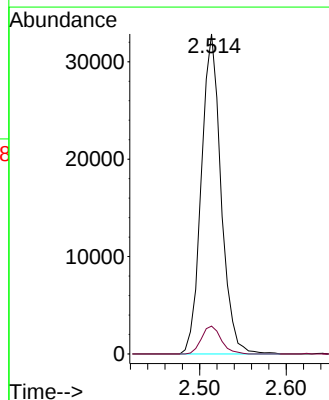
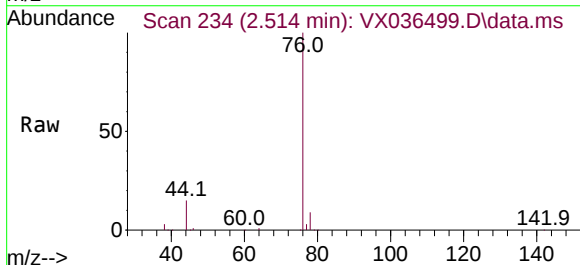
Acq: 12 Jul 2023 10:07

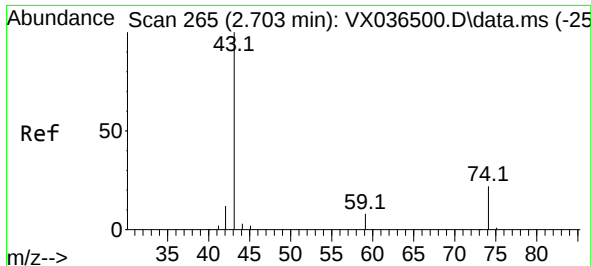
Tgt Ion: 76 Resp: 51931

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6

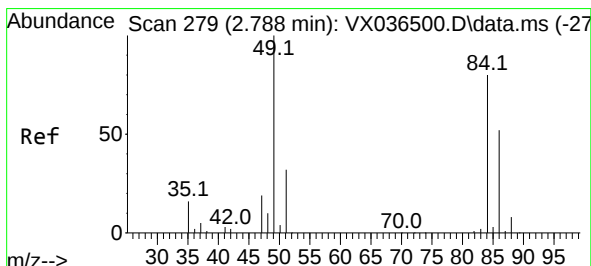
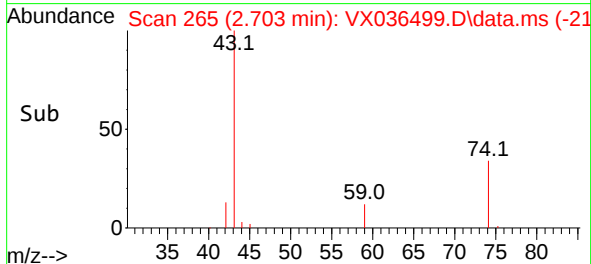
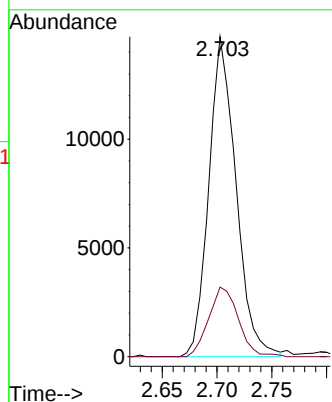
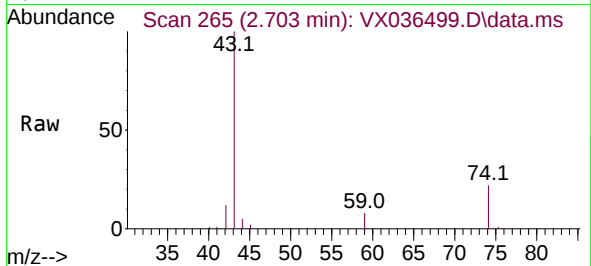




#15
Methyl Acetate
Concen: 9.229 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

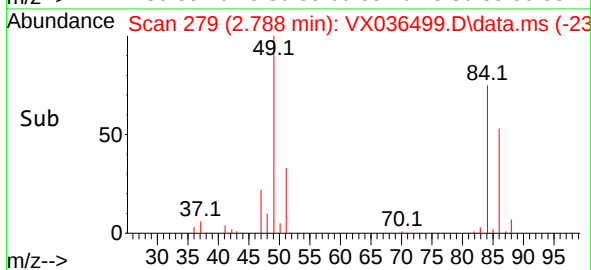
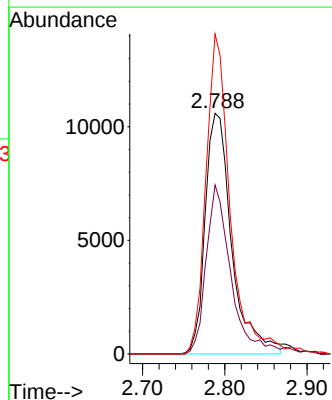
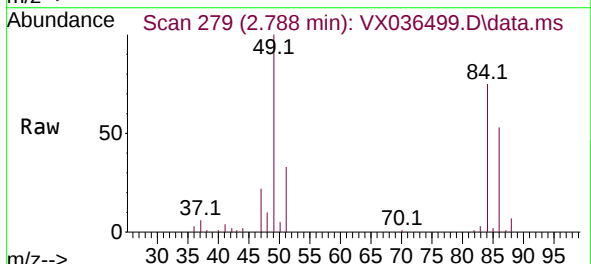
Instrument :
MSVOA_X
ClientSampleId :

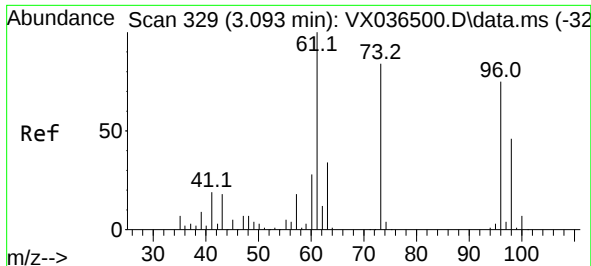
Tgt Ion: 43 Resp: 25347
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.0



#16
Methylene chloride
Concen: 9.427 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

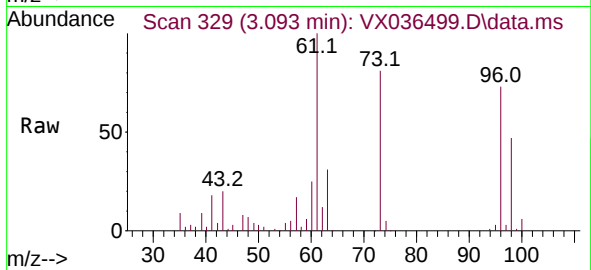
Tgt Ion: 84 Resp: 23842
Ion Ratio Lower Upper
84 100
86 70.2 45.9 85.3
49 132.9 87.6 162.8





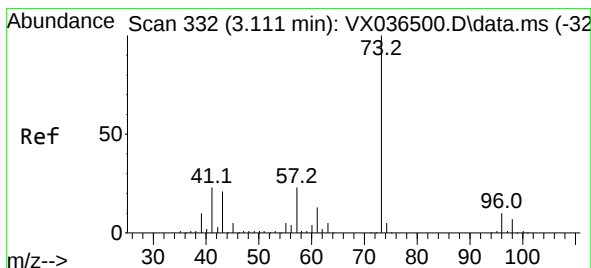
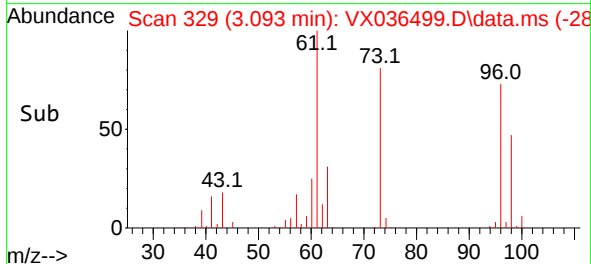
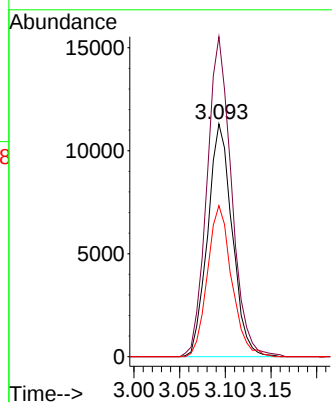
#17
trans-1,2-Dichloroethene
Concen: 9.130 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 21079

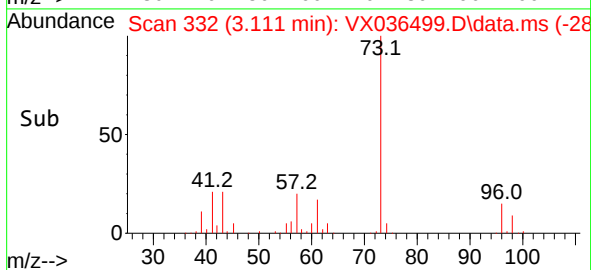
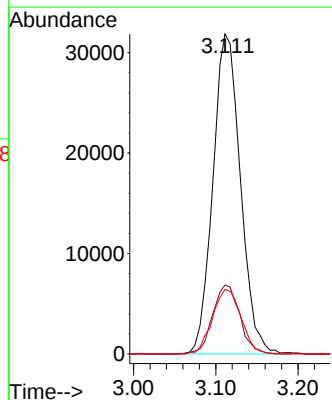
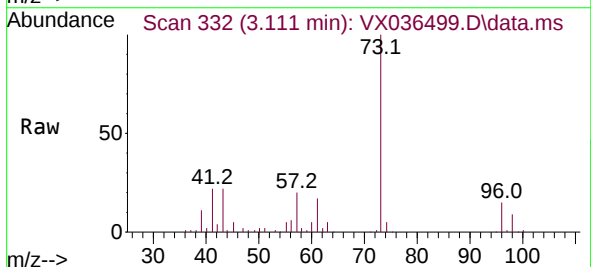
Ion	Ratio	Lower	Upper
96	100		
61	137.5	93.7	174.1
98	64.9	42.9	79.7

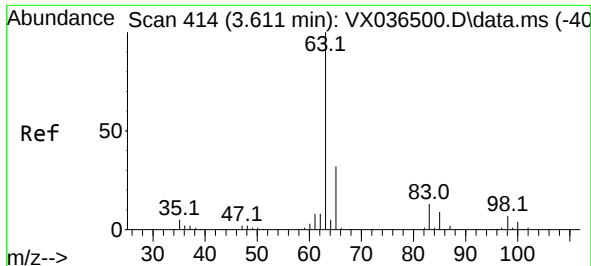


#18
Methyl tert-butyl Ether
Concen: 9.225 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion: 73 Resp: 74049

Ion	Ratio	Lower	Upper
73	100		
43	21.1	17.0	25.6
57	21.0	17.4	26.0





#19

1,1-Dichloroethane

Concen: 9.448 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX036499.D

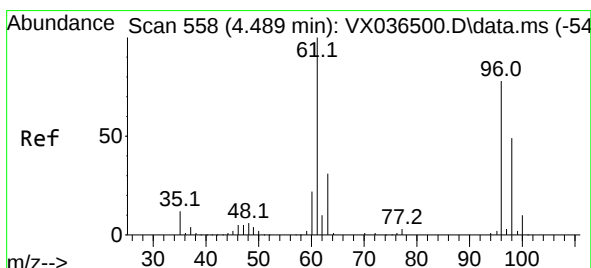
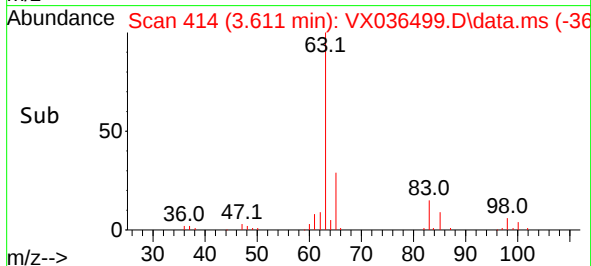
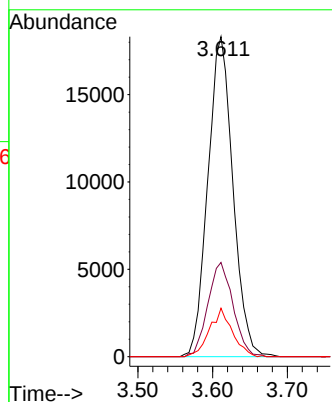
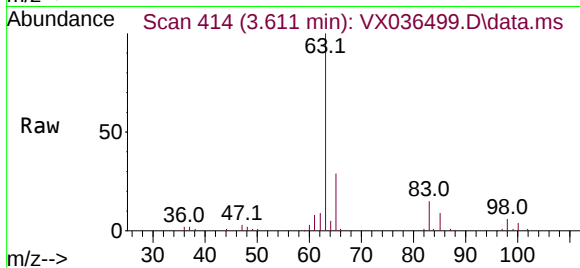
Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	42676
Ion	Ratio	Lower	Upper
63	100		
65	29.4	22.3	41.3
83	15.2	9.3	17.3



#20

cis-1,2-Dichloroethene

Concen: 8.986 ug/L

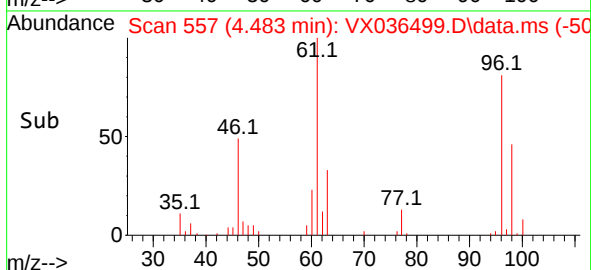
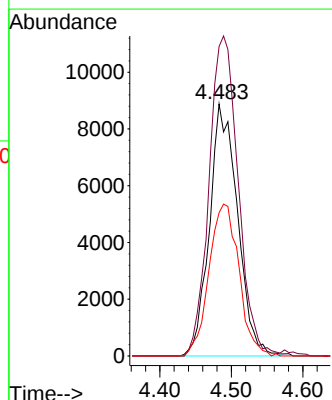
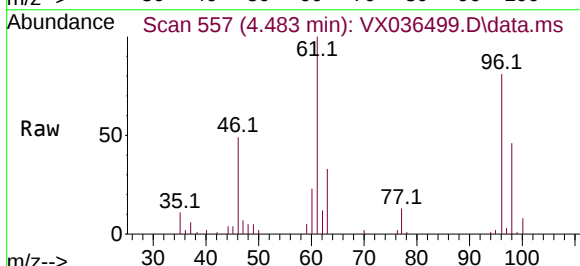
RT: 4.483 min Scan# 557

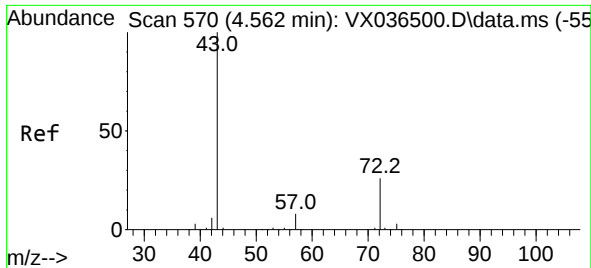
Delta R.T. -0.006 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Tgt Ion:	96	Resp:	24246
Ion	Ratio	Lower	Upper
96	100		
61	122.8	90.1	167.3
98	56.8	44.1	81.9

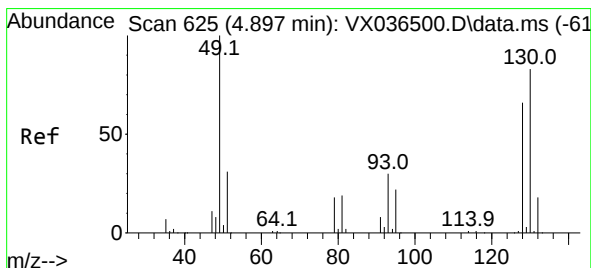
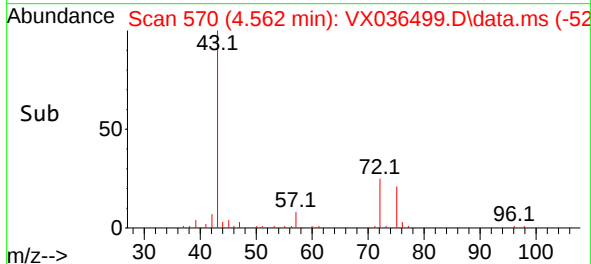
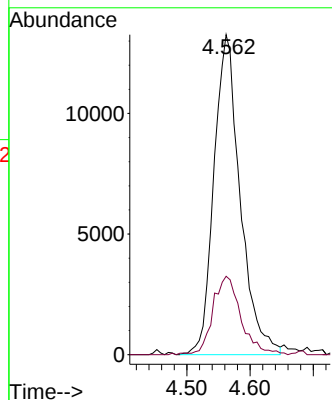
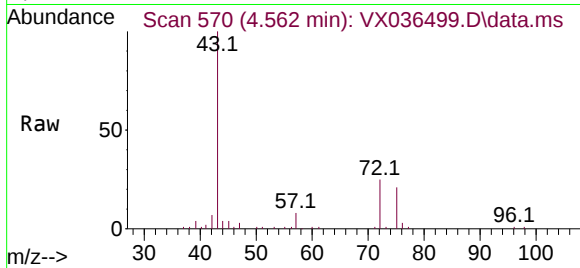




#22
2-Butanone
Concen: 19.037 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

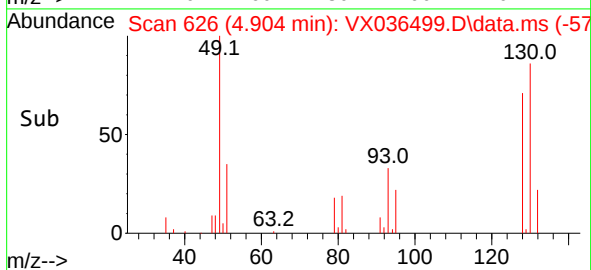
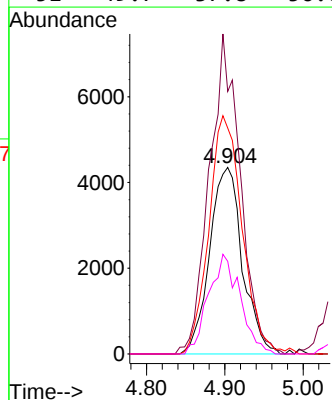
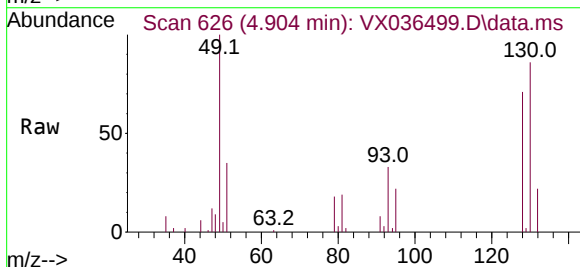
Instrument :
MSVOA_X
ClientSampleId :

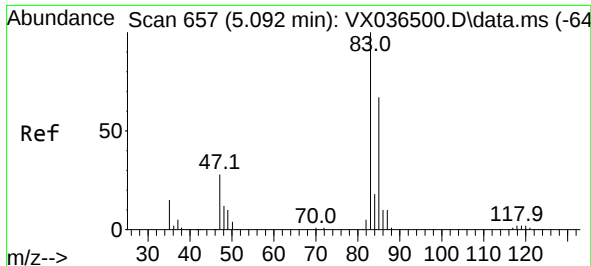
Tgt Ion: 43 Resp: 38246
Ion Ratio Lower Upper
43 100
72 25.9 13.8 41.3



#23
Bromochloromethane
Concen: 9.403 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion:128 Resp: 12682
Ion Ratio Lower Upper
128 100
49 140.7 105.8 196.4
130 121.1 88.1 163.7
51 49.7 37.8 56.6

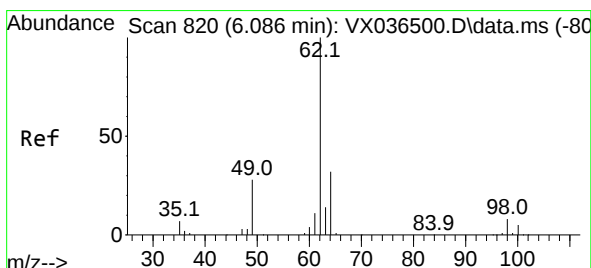
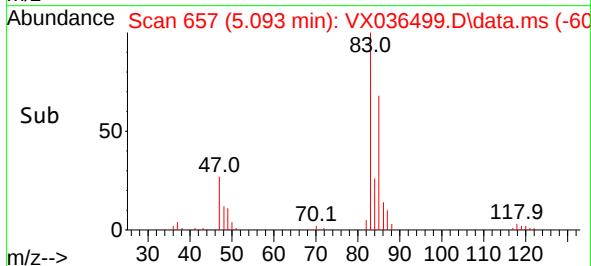
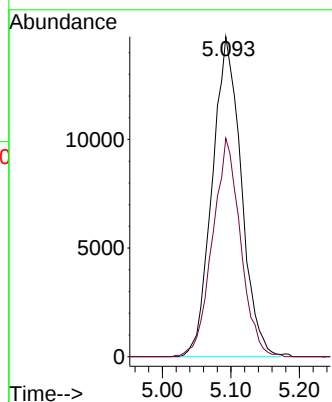
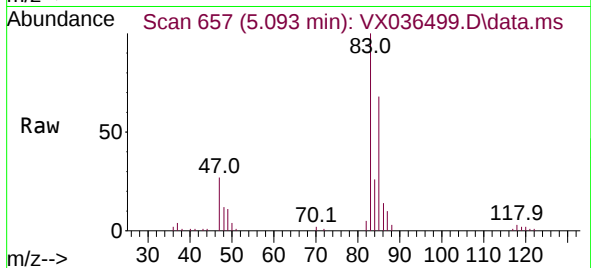




#25
Chloroform
Concen: 9.101 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

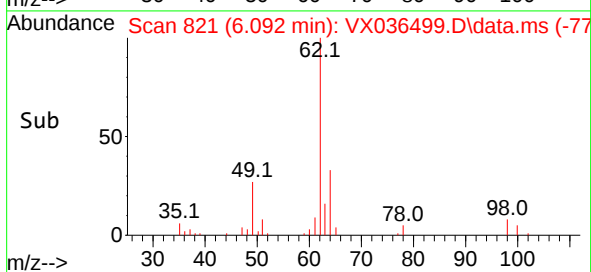
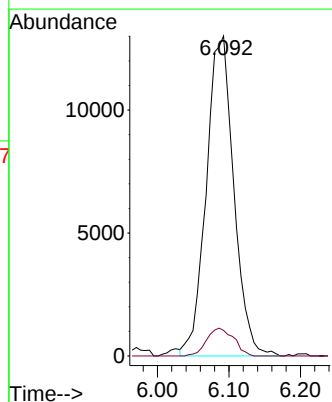
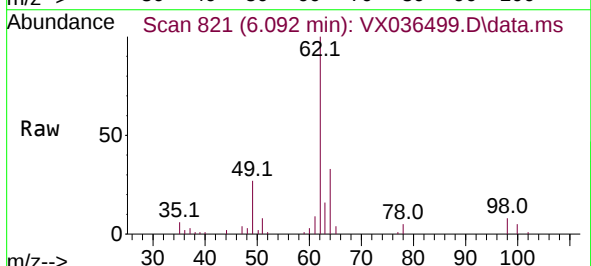
Instrument :
MSVOA_X
ClientSampleId :

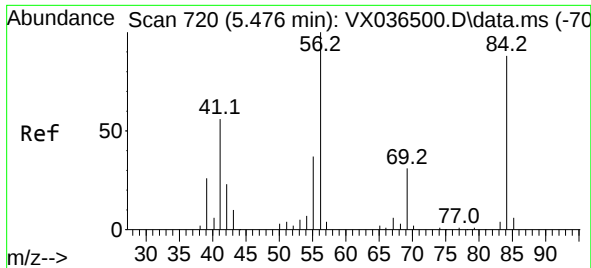
Tgt Ion: 83 Resp: 43172
Ion Ratio Lower Upper
83 100
85 68.2 46.8 87.0



#27
1,2-Dichloroethane
Concen: 9.274 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

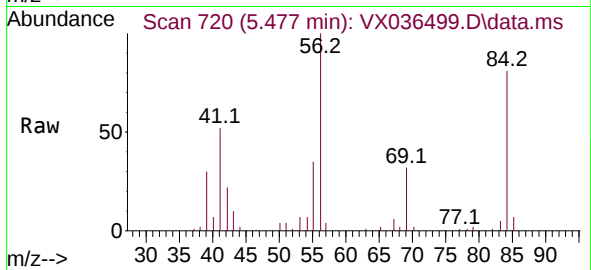
Tgt Ion: 62 Resp: 34799
Ion Ratio Lower Upper
62 100
98 8.0 6.5 9.7



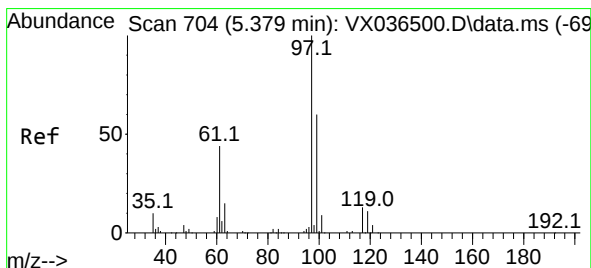
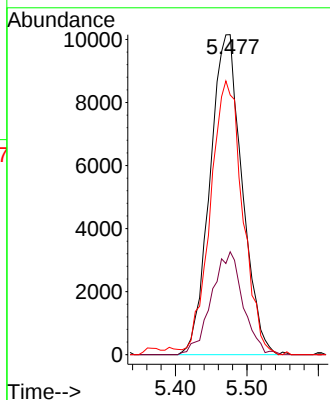
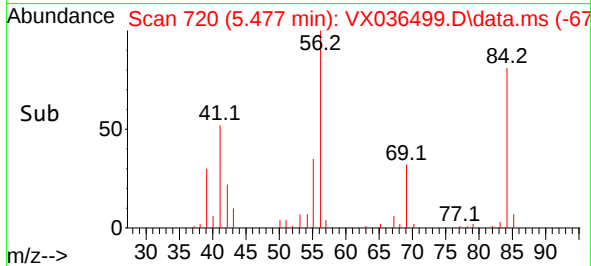


#29
Cyclohexane
Concen: 8.594 ug/L
RT: 5.477 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :

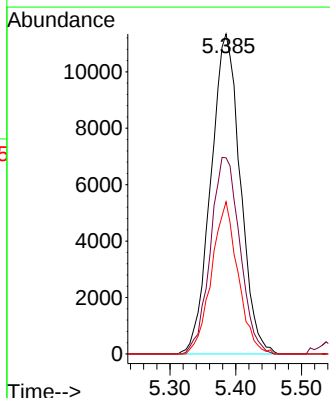
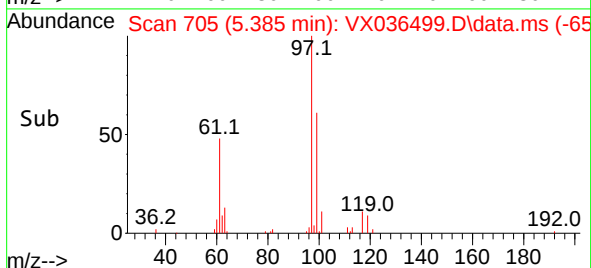
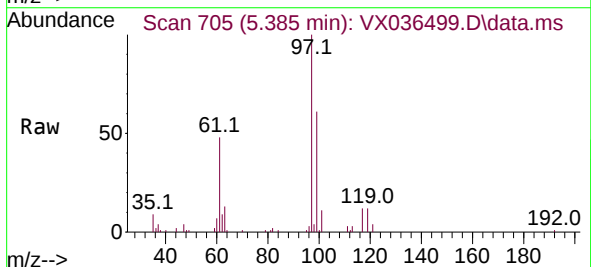


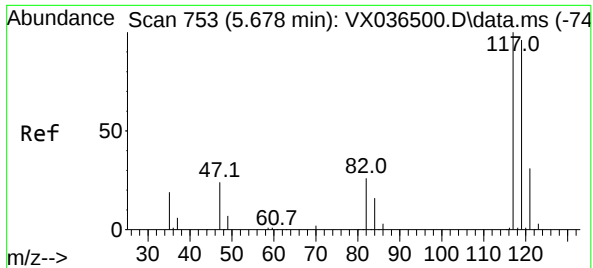
Tgt Ion: 56	Resp: 31715
Ion Ratio	Lower Upper
56 100	
69 29.0	25.3 37.9
84 85.7	73.0 109.4



#30
1,1,1-Trichloroethane
Concen: 9.098 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion: 97	Resp: 35289
Ion Ratio	Lower Upper
97 100	
99 61.5	50.6 76.0
61 42.6	34.7 52.1

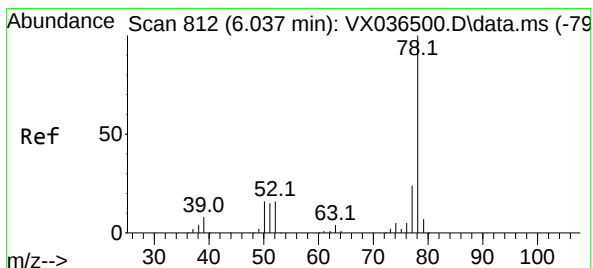
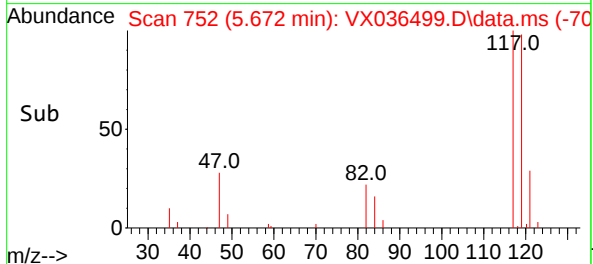
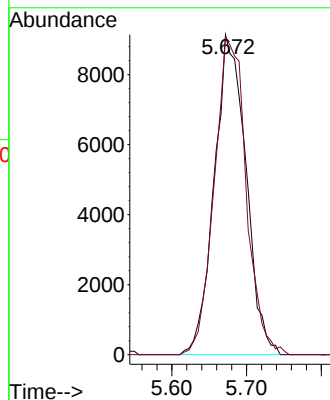
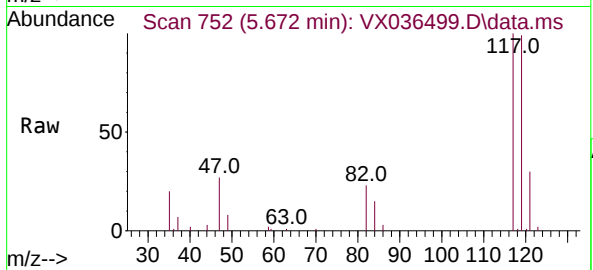




#31
Carbon tetrachloride
Concen: 8.273 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

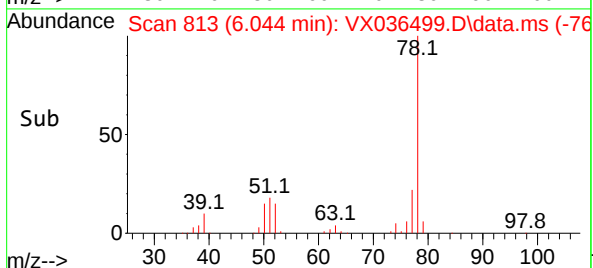
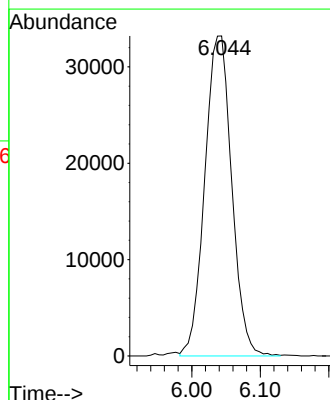
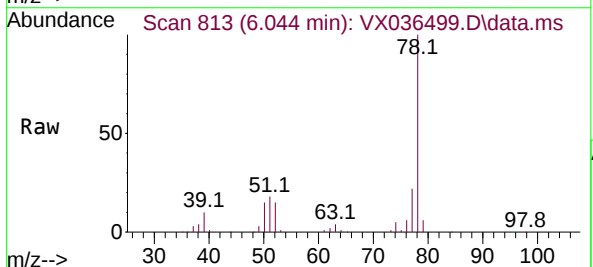
Instrument :
MSVOA_X
ClientSampleId :

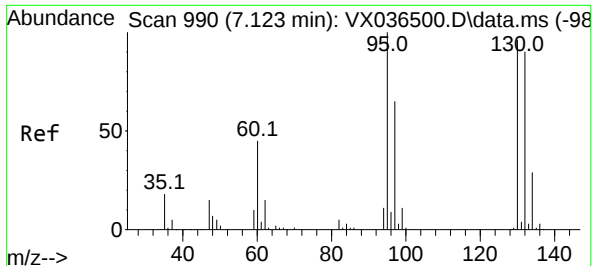
Tgt Ion:117 Resp: 26891
Ion Ratio Lower Upper
117 100
119 99.8 76.6 114.8



#33
Benzene
Concen: 9.331 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion: 78 Resp: 90928

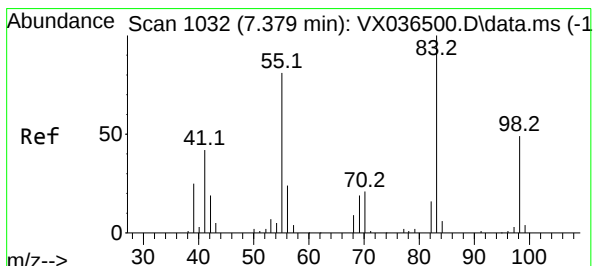
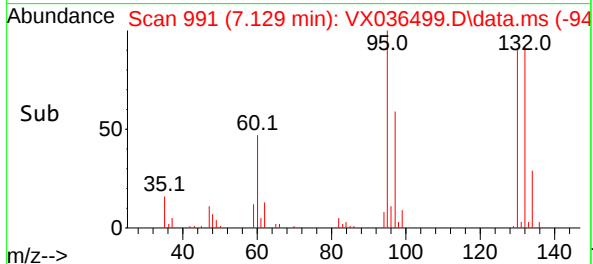
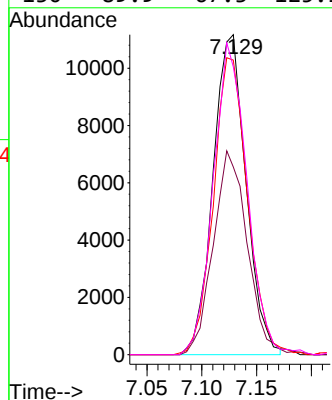
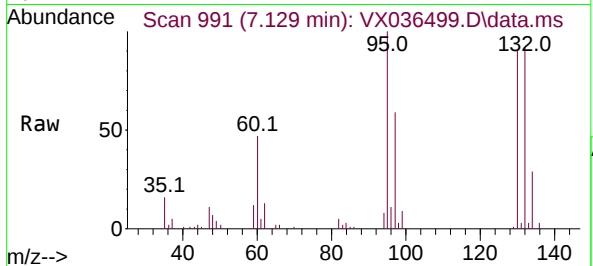




#34
Trichloroethene
Concen: 8.804 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

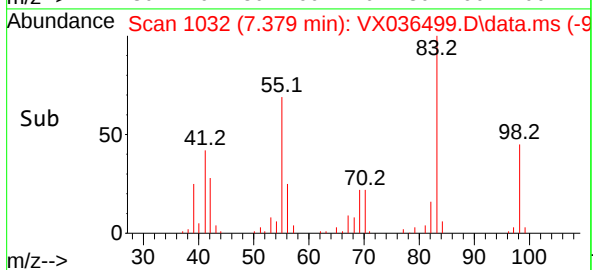
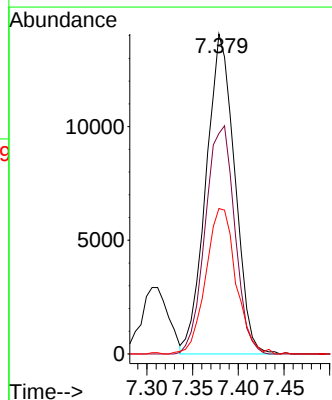
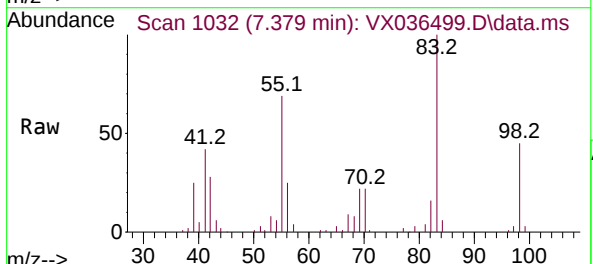
Instrument :
MSVOA_X
ClientSampleId :

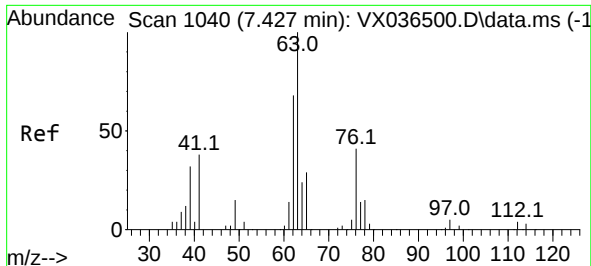
Tgt Ion: 95 Resp: 23401
Ion Ratio Lower Upper
95 100
97 58.7 45.3 84.1
132 92.1 63.0 117.0
130 89.9 67.3 125.1



#35
Methylcyclohexane
Concen: 7.944 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion: 83 Resp: 30750
Ion Ratio Lower Upper
83 100
55 73.1 59.0 88.4
98 47.8 37.5 56.3





#37

1,2-Dichloropropane

Concen: 9.180 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

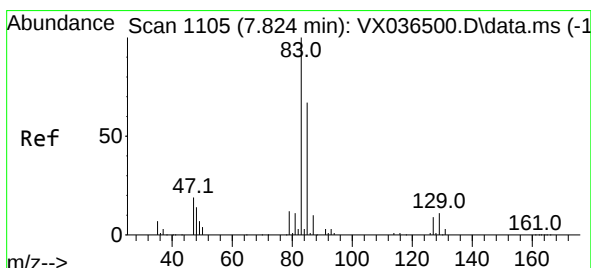
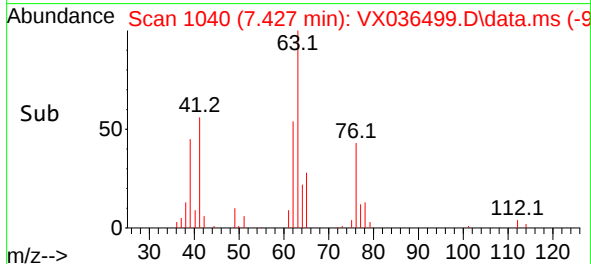
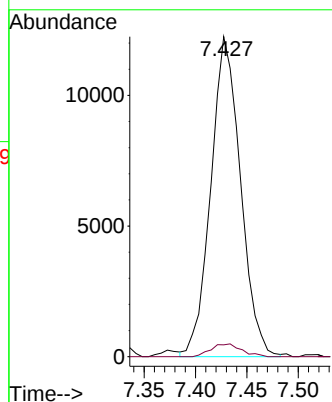
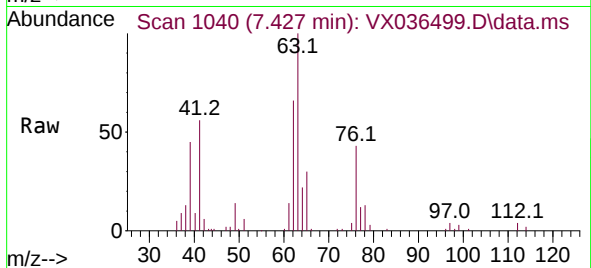
ClientSampleId :

Tgt Ion: 63 Resp: 24596

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 8.952 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

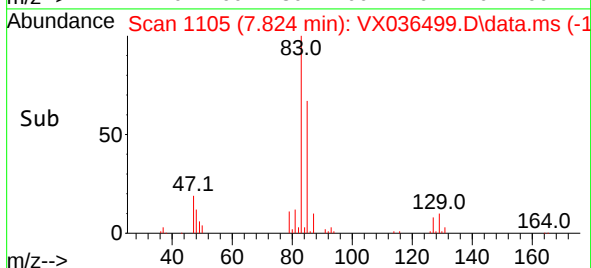
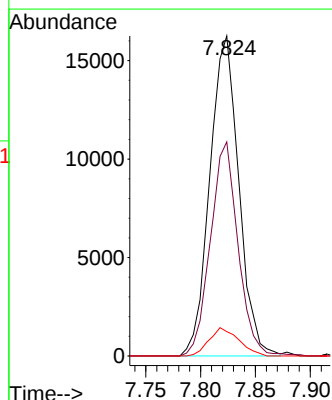
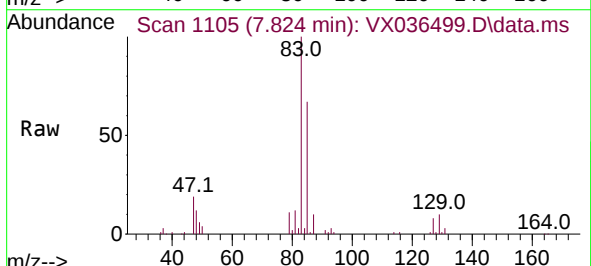
Tgt Ion: 83 Resp: 29909

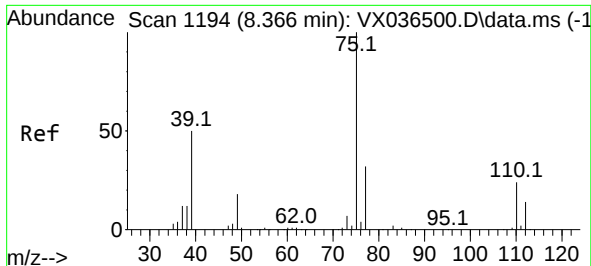
Ion Ratio Lower Upper

83 100

85 66.9 46.9 87.1

127 7.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 8.754 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

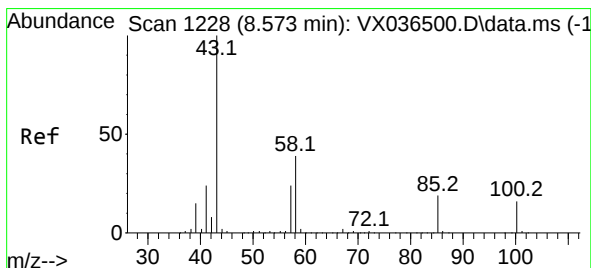
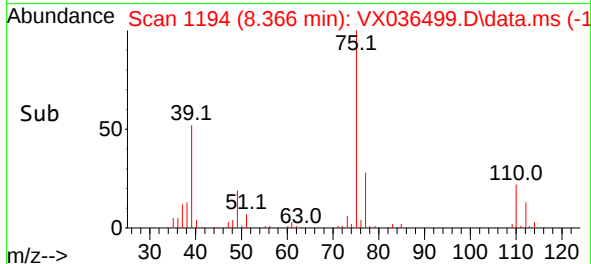
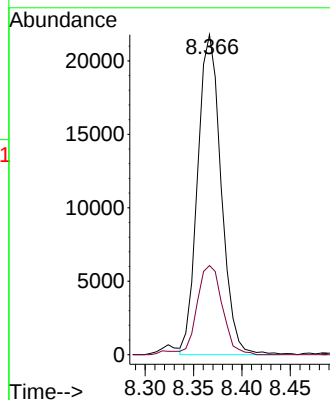
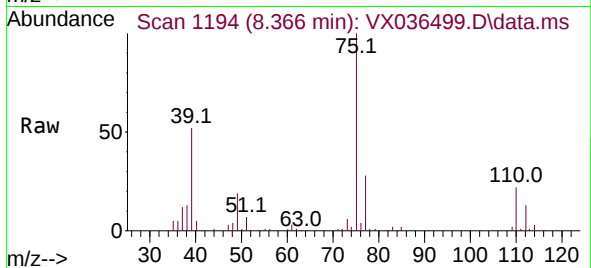
ClientSampleId :

Tgt Ion: 75 Resp: 36957

Ion Ratio Lower Upper

75 100

77 27.9 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 18.564 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

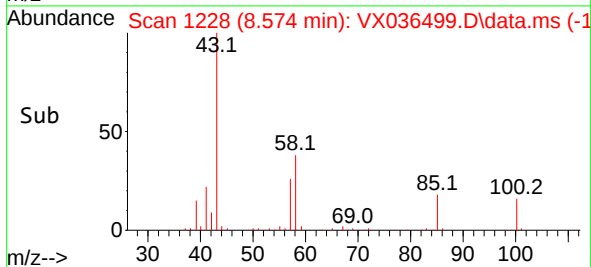
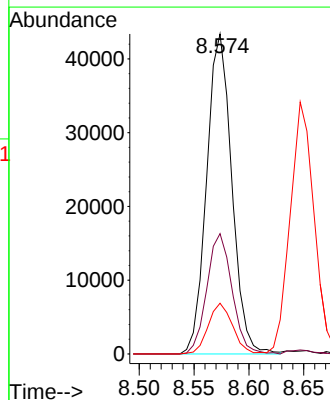
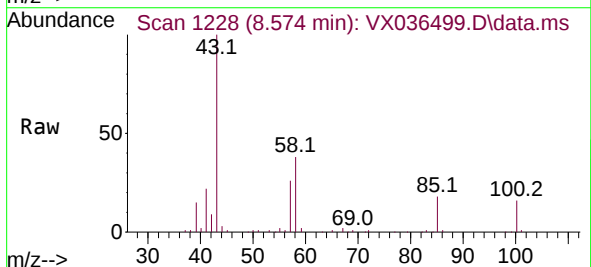
Tgt Ion: 43 Resp: 69325

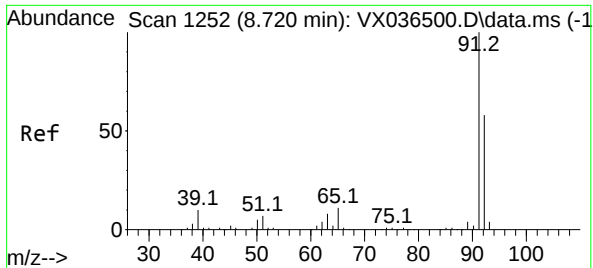
Ion Ratio Lower Upper

43 100

58 37.6 31.4 47.0

100 15.5 12.3 18.5





#42

Toluene

Concen: 9.245 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

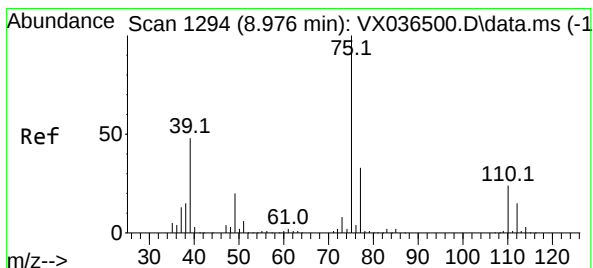
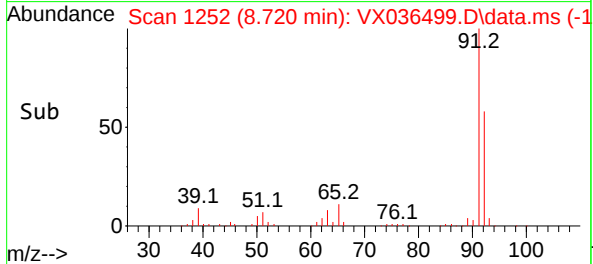
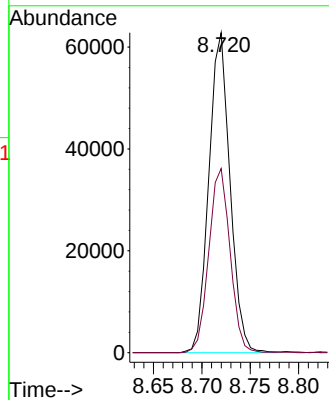
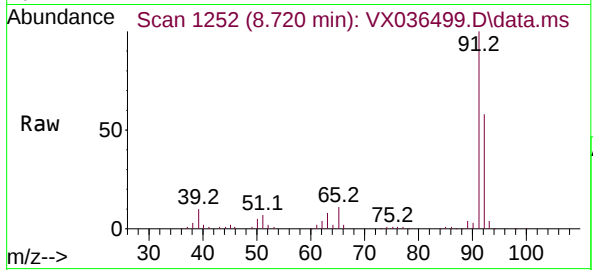
ClientSampleId :

Tgt Ion: 91 Resp: 95848

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 8.505 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036499.D

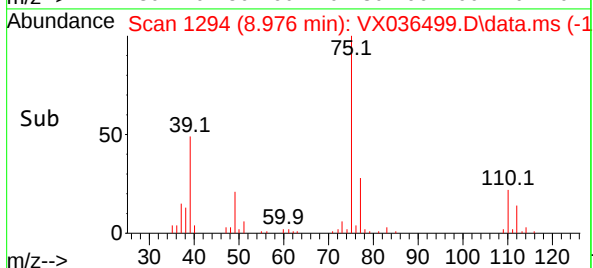
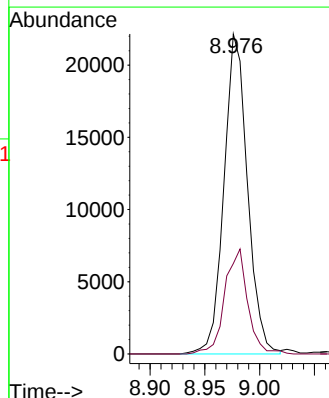
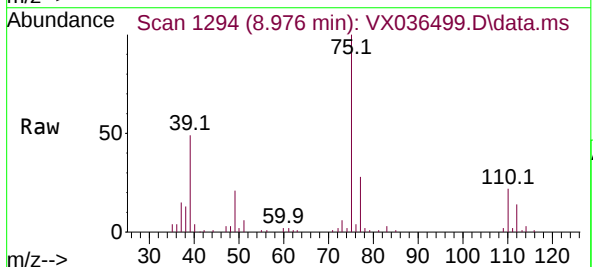
Acq: 12 Jul 2023 10:07

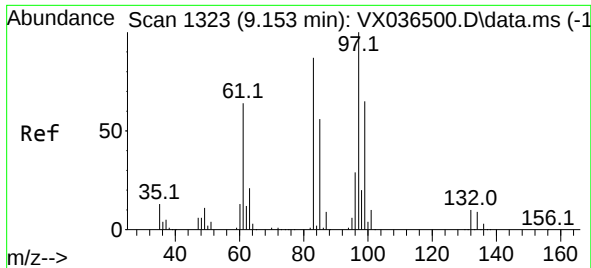
Tgt Ion: 75 Resp: 33062

Ion Ratio Lower Upper

75 100

77 28.3 22.9 42.5

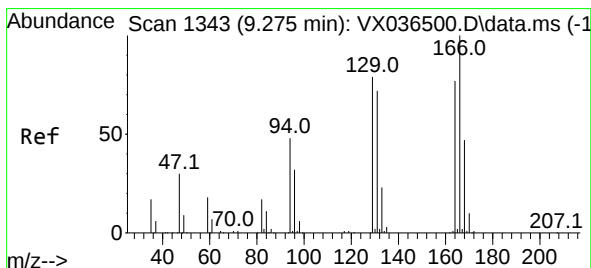
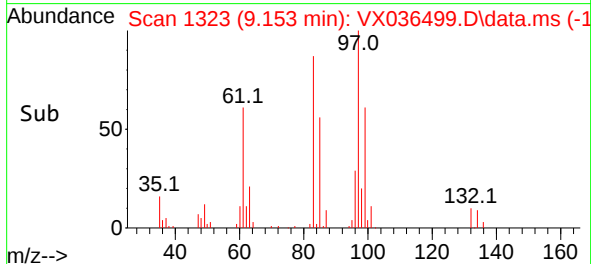
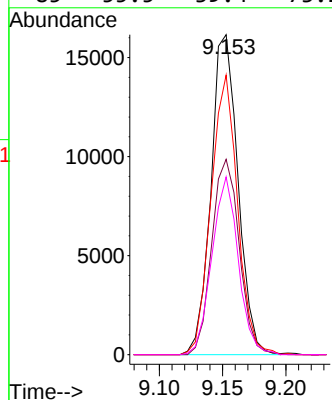
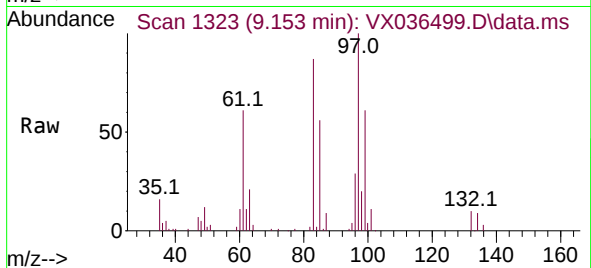




#45
1,1,2-Trichloroethane
Concen: 9.437 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

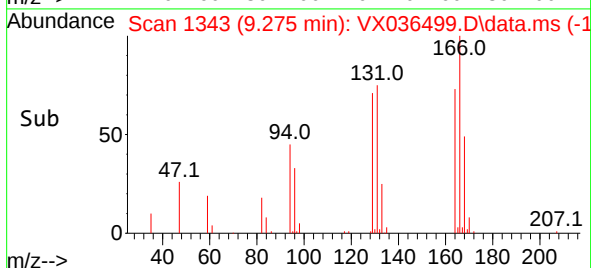
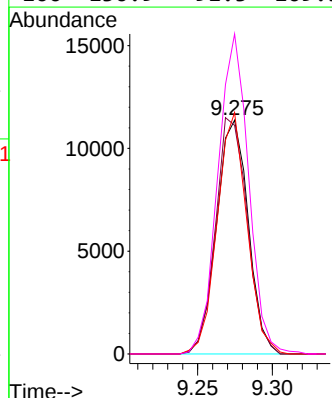
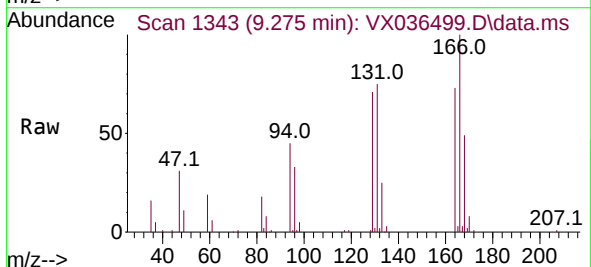
Instrument :
MSVOA_X
ClientSampleId :

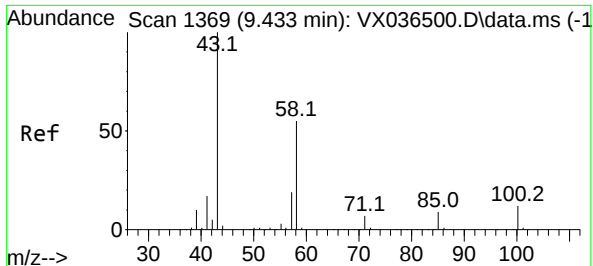
Tgt Ion:	97	Resp:	24031
Ion	Ratio	Lower	Upper
97	100		
99	61.0	45.1	83.9
83	87.4	60.6	112.6
85	55.5	39.4	73.2



#46
Tetrachloroethene
Concen: 8.888 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion:	164	Resp:	16785
Ion	Ratio	Lower	Upper
164	100		
129	97.8	72.0	133.8
131	103.3	65.7	121.9
166	136.9	91.3	169.5





#48

2-Hexanone

Concen: 18.703 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 54583

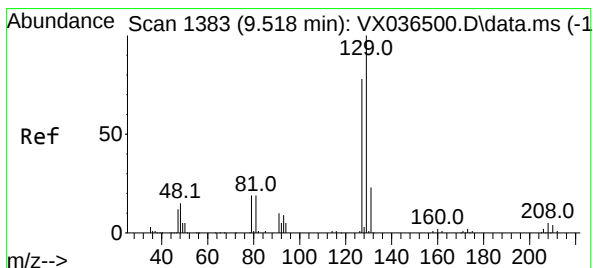
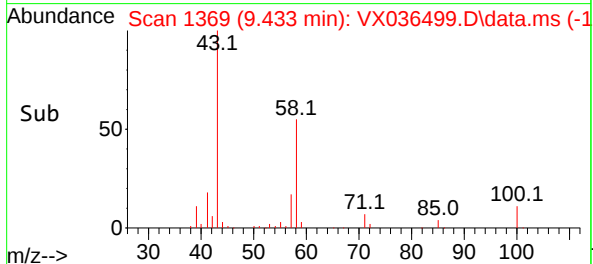
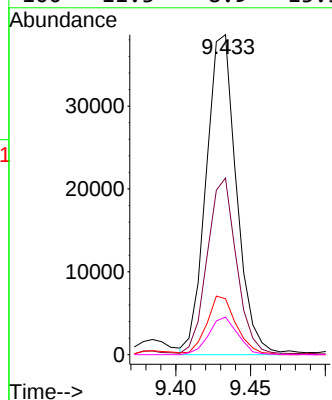
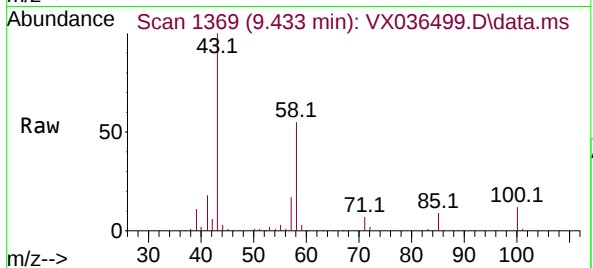
Ion Ratio Lower Upper

43 100

58 53.6 42.5 63.7

57 17.8 15.0 22.4

100 11.3 8.9 13.3



#49

Dibromochloromethane

Concen: 8.586 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036499.D

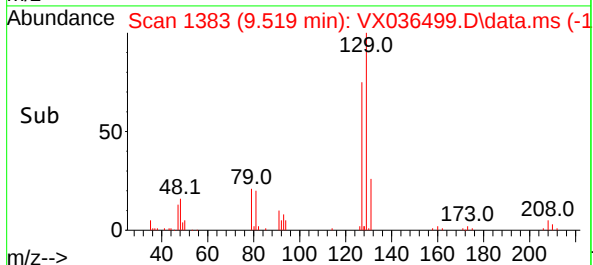
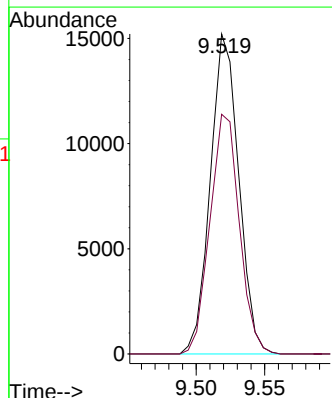
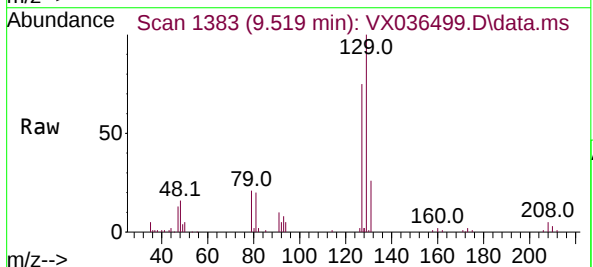
Acq: 12 Jul 2023 10:07

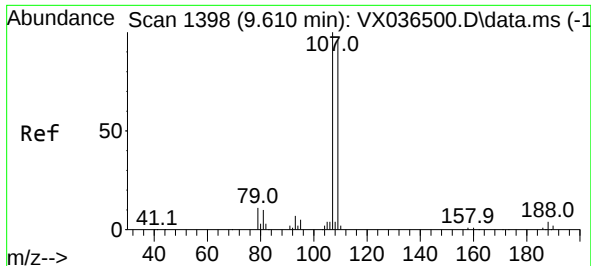
Tgt Ion: 129 Resp: 21950

Ion Ratio Lower Upper

129 100

127 74.9 54.8 101.8





#50

1,2-Dibromoethane

Concen: 9.030 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

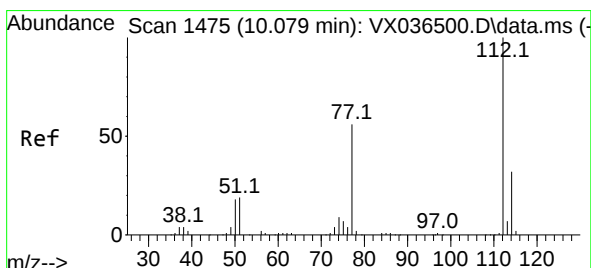
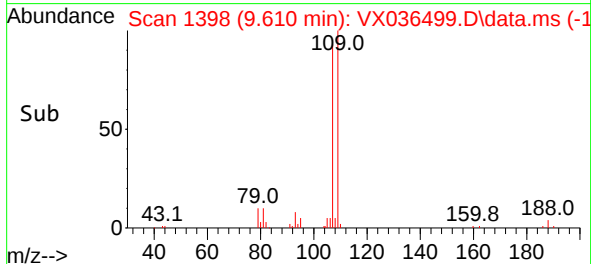
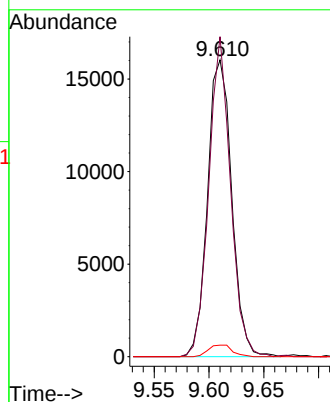
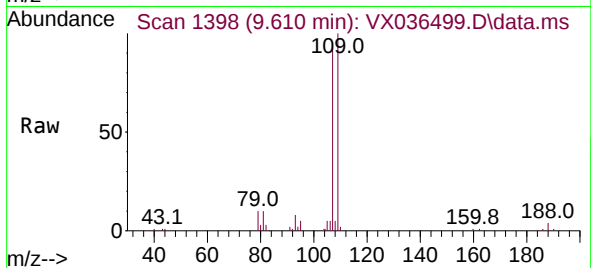
Tgt Ion:107 Resp: 24649

Ion Ratio Lower Upper

107 100

109 107.8 67.3 124.9

188 3.9 2.8 4.2



#51

Chlorobenzene

Concen: 9.151 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

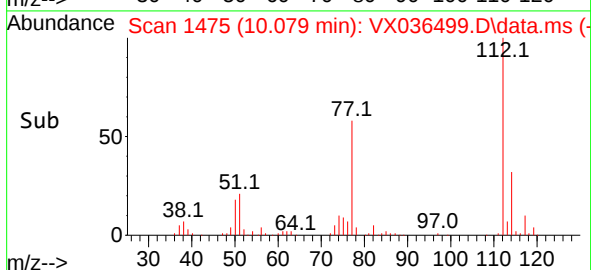
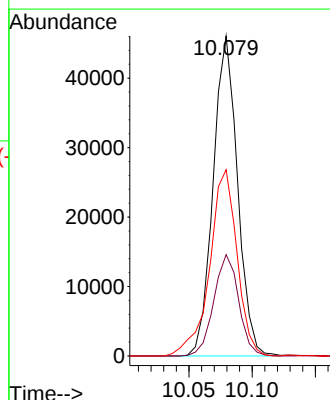
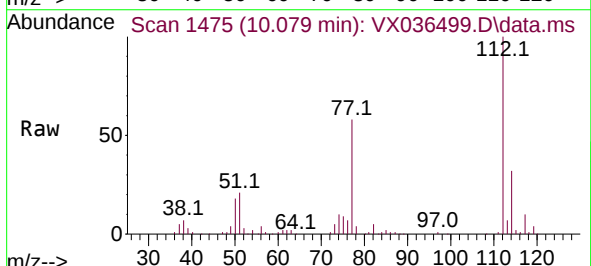
Tgt Ion:112 Resp: 61687

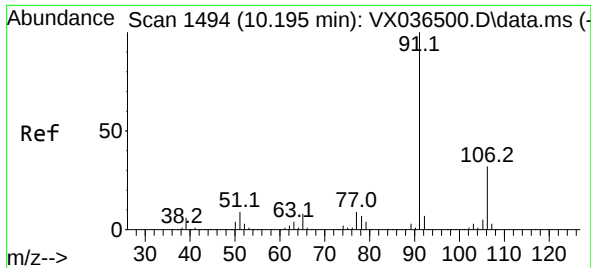
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.3

77 58.2 45.2 67.8

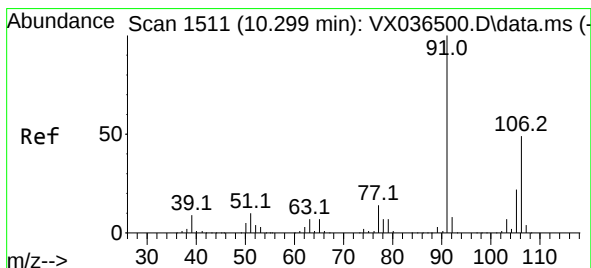
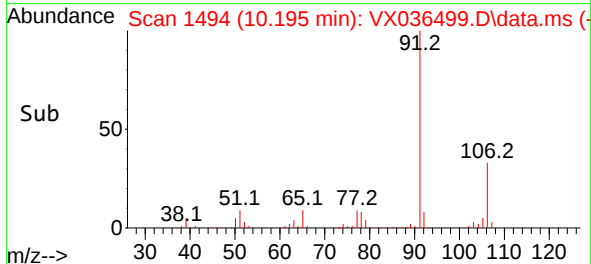
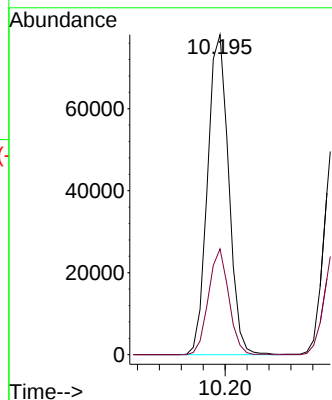
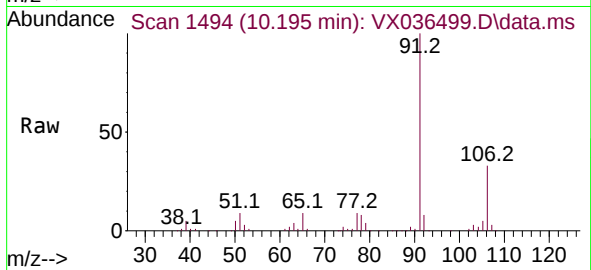




#52
Ethylbenzene
Concen: 9.137 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

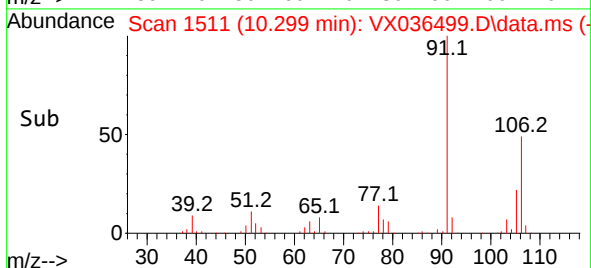
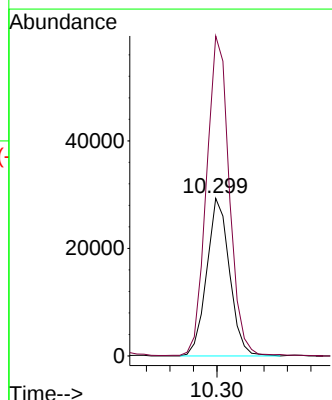
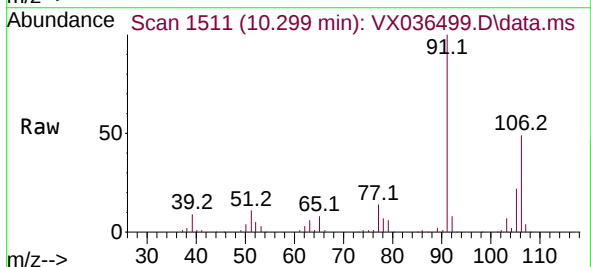
Instrument :
MSVOA_X
ClientSampleId :

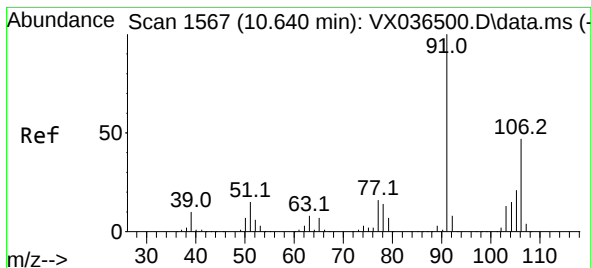
Tgt Ion: 91 Resp: 104249
Ion Ratio Lower Upper
91 100
106 33.0 22.1 41.1



#53
m,p-Xylene
Concen: 9.074 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion: 106 Resp: 39503
Ion Ratio Lower Upper
106 100
91 202.9 143.1 265.9





#54

o-Xylene

Concen: 9.254 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

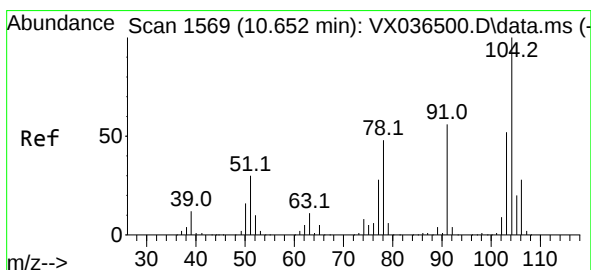
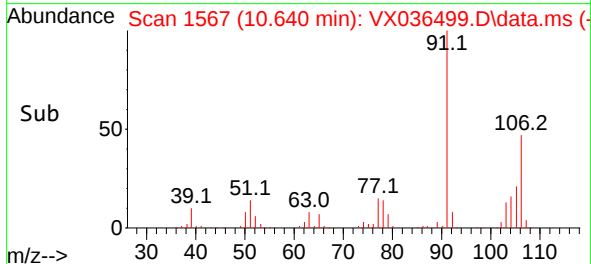
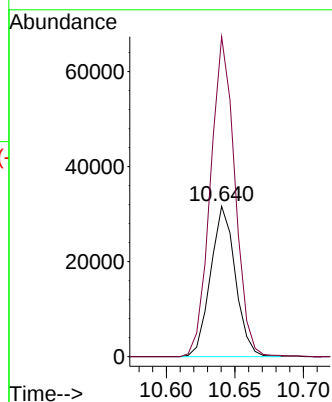
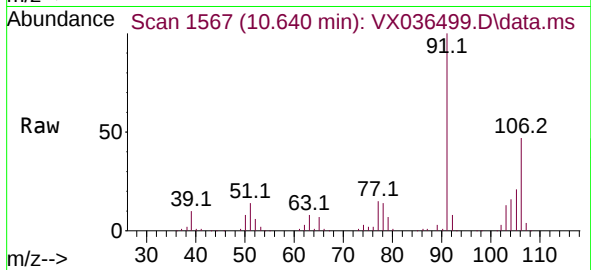
ClientSampleId :

Tgt Ion:106 Resp: 39955

Ion Ratio Lower Upper

106 100

91 212.8 147.8 274.4



#55

Styrene

Concen: 9.010 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036499.D

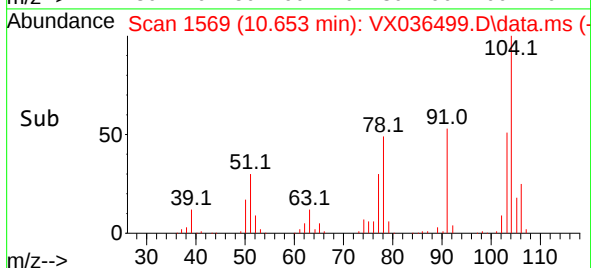
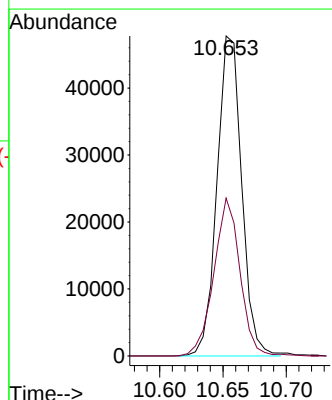
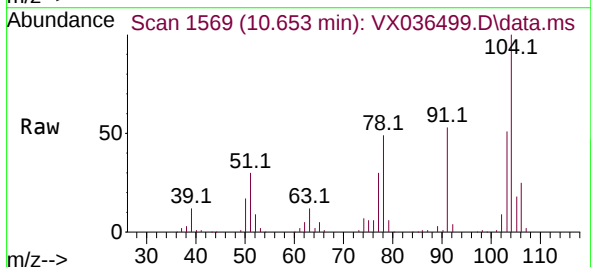
Acq: 12 Jul 2023 10:07

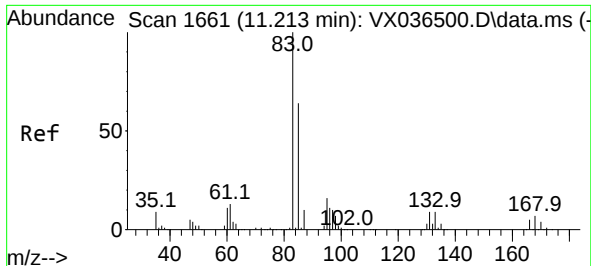
Tgt Ion:104 Resp: 64851

Ion Ratio Lower Upper

104 100

78 49.3 33.5 62.3





#57

1,1,2,2-Tetrachloroethane

Concen: 9.646 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036499.D

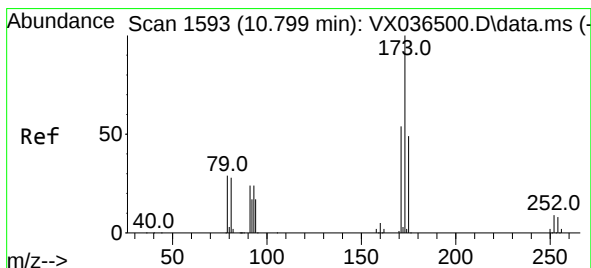
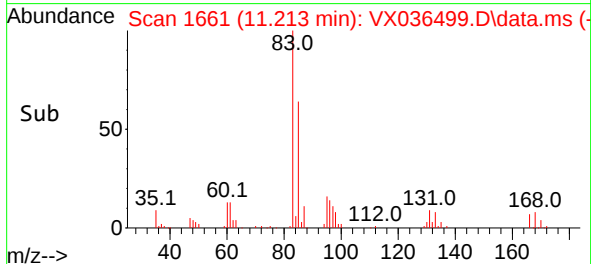
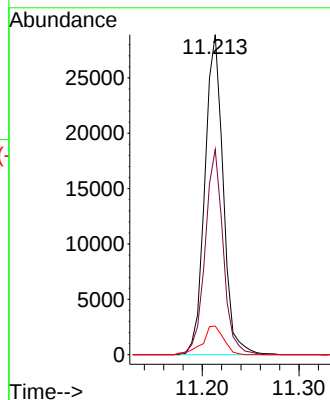
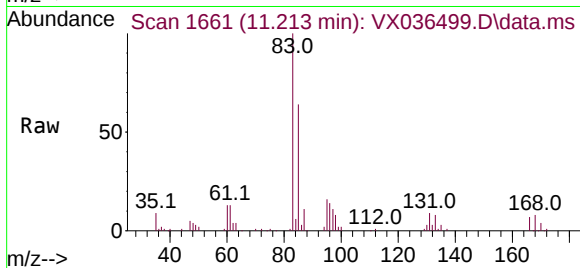
Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	83	Resp:	38154
Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.9	83.3
131	9.0	7.4	11.0



#59

Bromoform

Concen: 8.720 ug/L

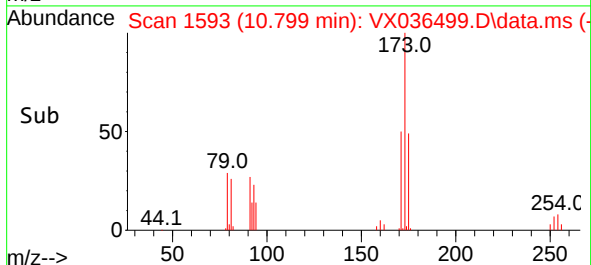
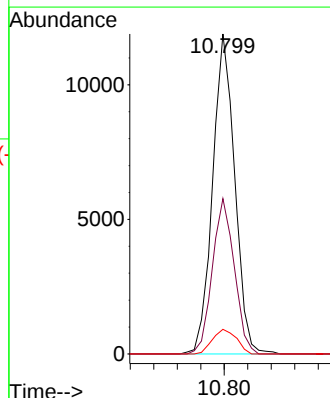
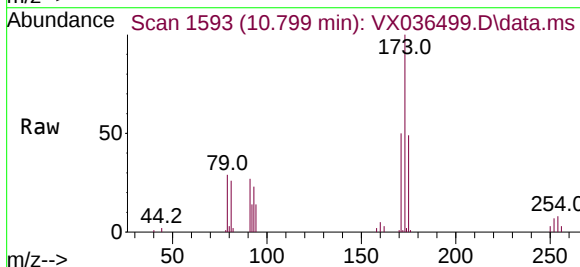
RT: 10.799 min Scan# 1593

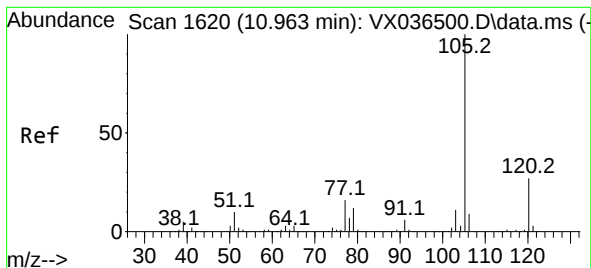
Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Tgt Ion:	173	Resp:	15528
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.5	59.3
254	8.4	7.0	10.4





#60

Isopropylbenzene

Concen: 9.172 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :

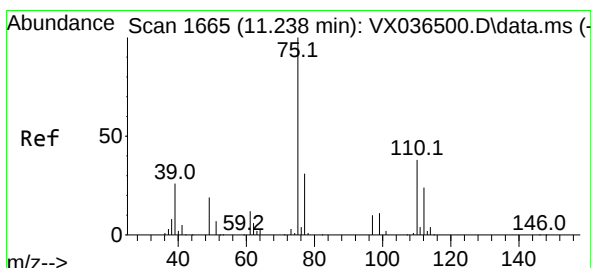
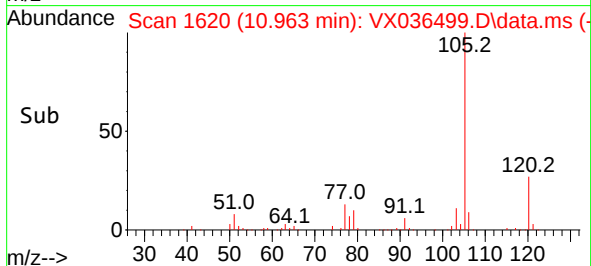
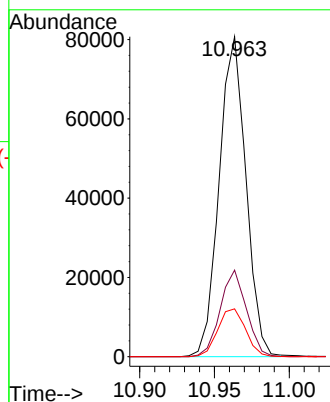
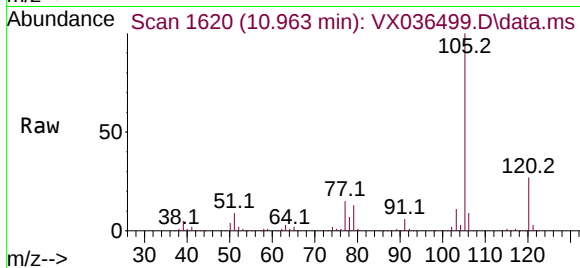
Tgt Ion:105 Resp: 100454

Ion Ratio Lower Upper

105 100

120 26.5 21.5 32.3

77 15.6 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 9.664 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

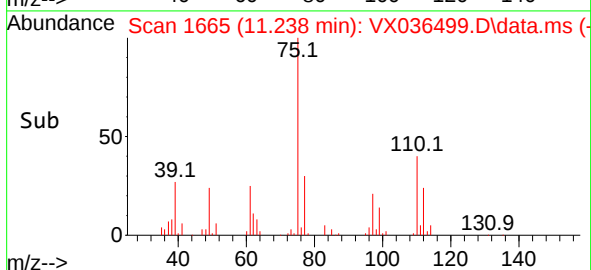
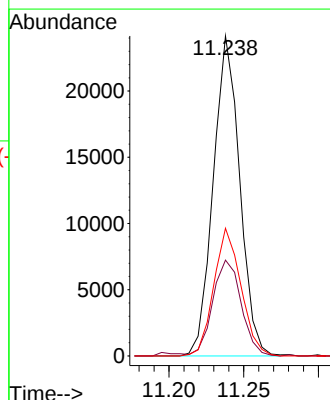
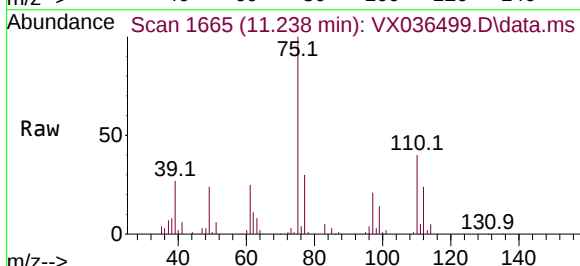
Tgt Ion: 75 Resp: 29724

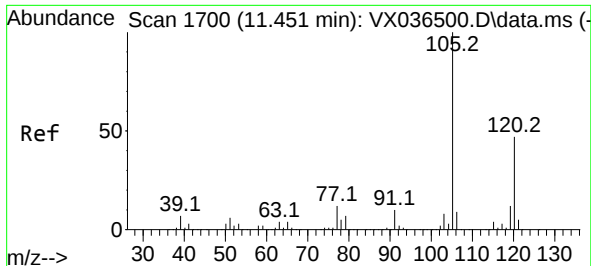
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

110 41.0 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 8.984 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

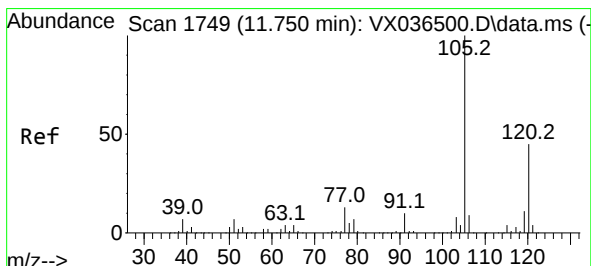
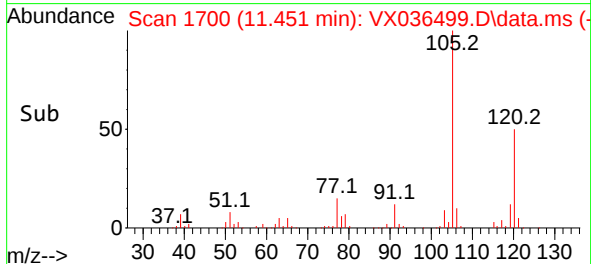
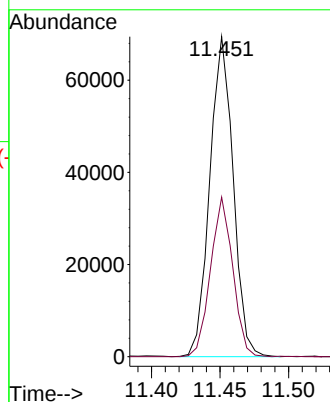
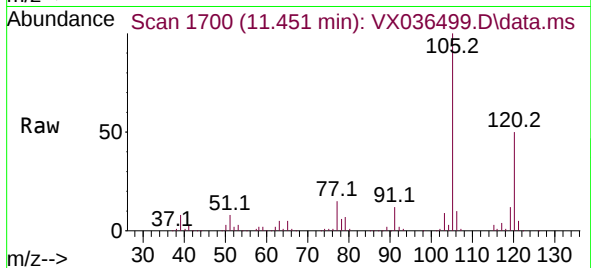
ClientSampleId :

Tgt Ion:105 Resp: 82235

Ion Ratio Lower Upper

105 100

120 47.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 9.174 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036499.D

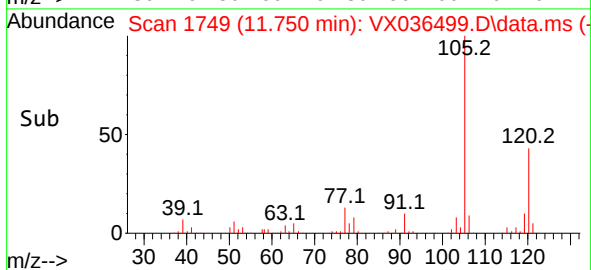
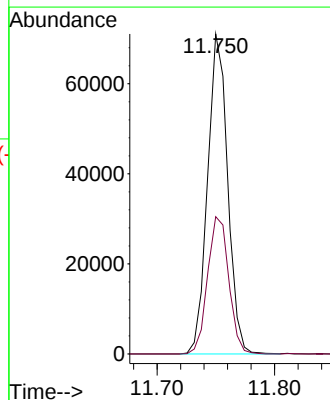
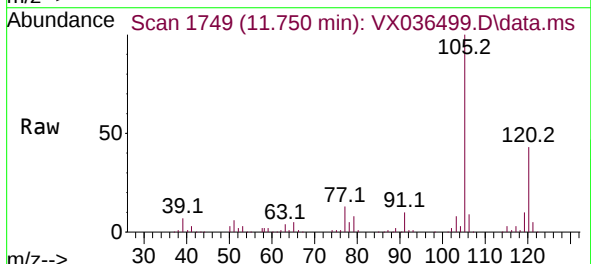
Acq: 12 Jul 2023 10:07

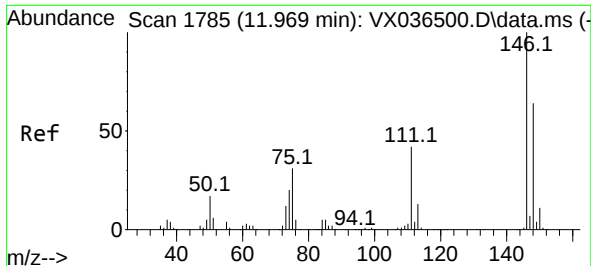
Tgt Ion:105 Resp: 84227

Ion Ratio Lower Upper

105 100

120 45.3 36.7 55.1

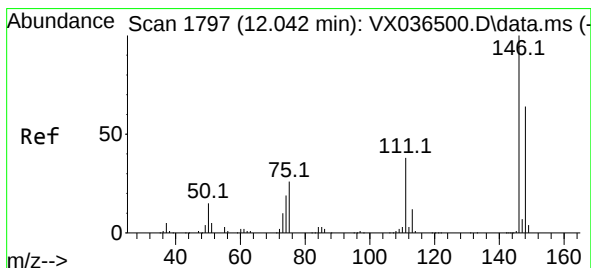
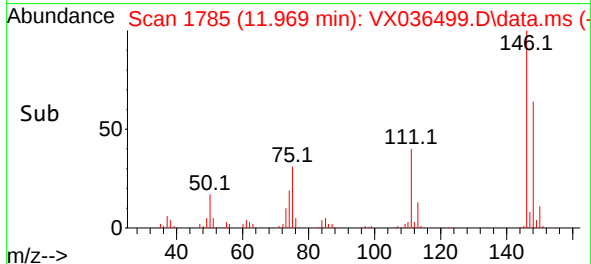
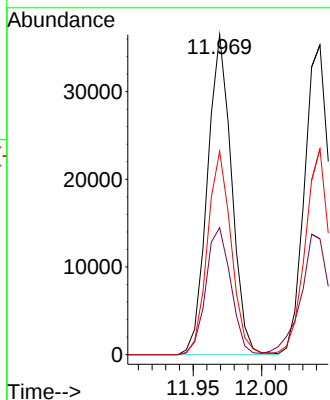
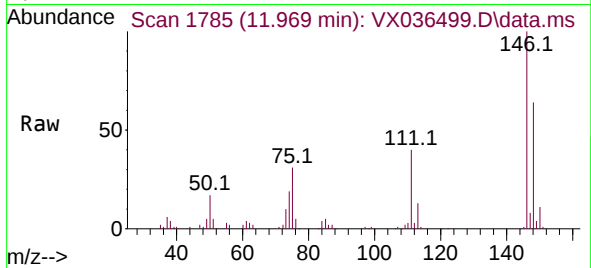




#64
1,3-Dichlorobenzene
Concen: 9.138 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

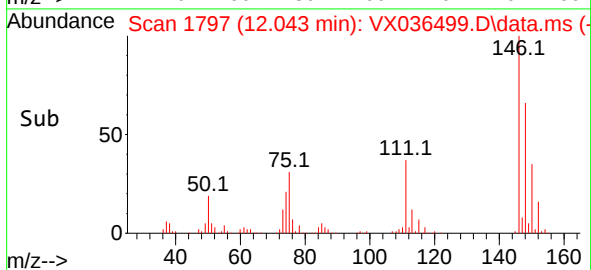
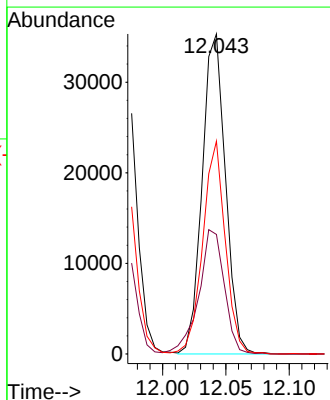
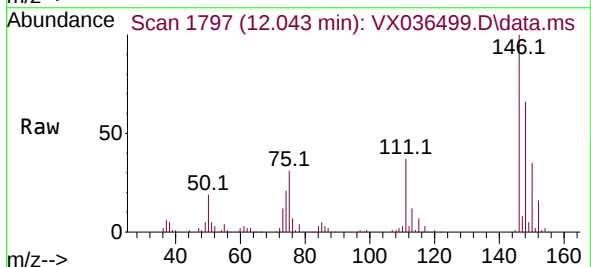
Instrument :
MSVOA_X
ClientSampleId :

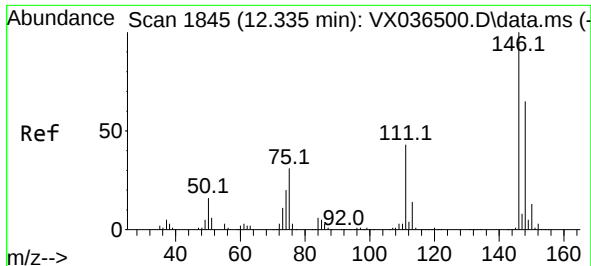
Tgt Ion:146 Resp: 44774
Ion Ratio Lower Upper
146 100
111 39.7 29.5 54.7
148 63.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 9.166 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

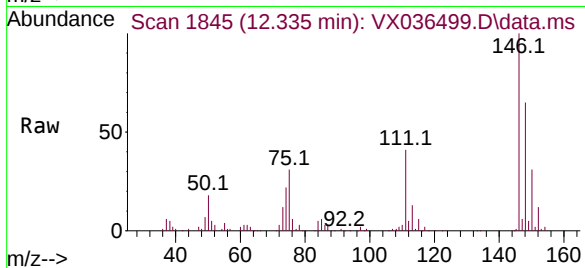
Tgt Ion:146 Resp: 45343
Ion Ratio Lower Upper
146 100
111 37.4 27.1 50.3
148 66.5 45.2 84.0



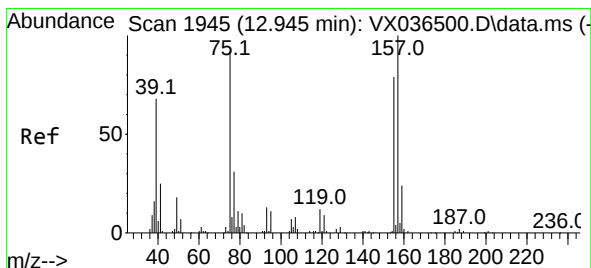
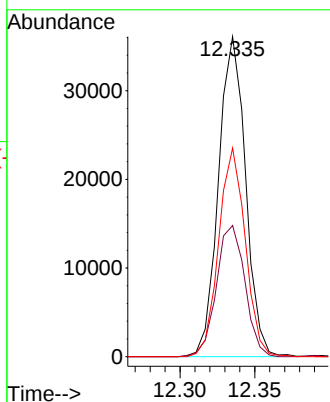
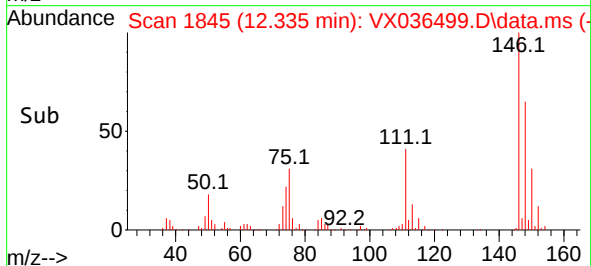


#67
1,2-Dichlorobenzene
Concen: 9.327 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

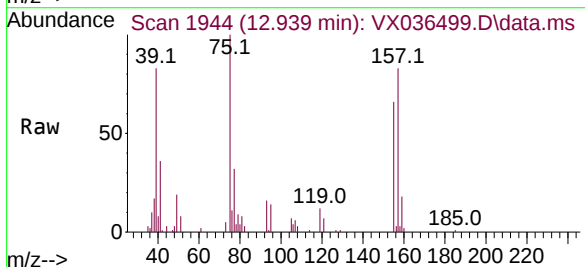
Instrument :
MSVOA_X
ClientSampleId :



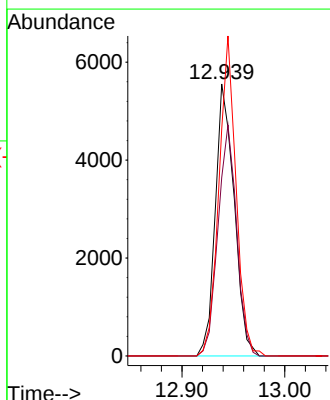
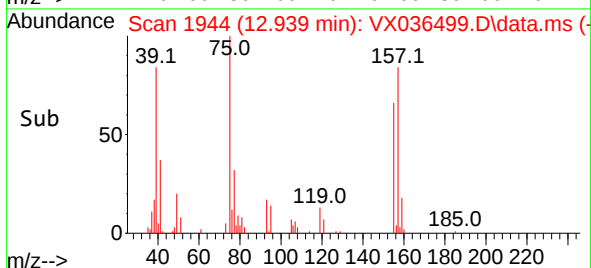
Tgt Ion:146 Resp: 45341
Ion Ratio Lower Upper
146 100
111 41.0 34.4 51.6
148 65.2 51.9 77.9

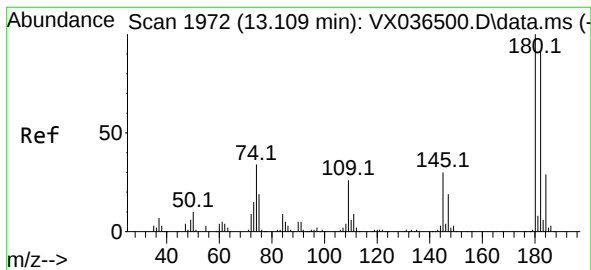


#68
1,2-Dibromo-3-chloropropane
Concen: 8.606 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07



Tgt Ion: 75 Resp: 7053
Ion Ratio Lower Upper
75 100
155 65.6 68.4 102.6#
157 83.4 86.8 130.2#





#69

1,3,5-Trichlorobenzene

Concen: 8.642 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

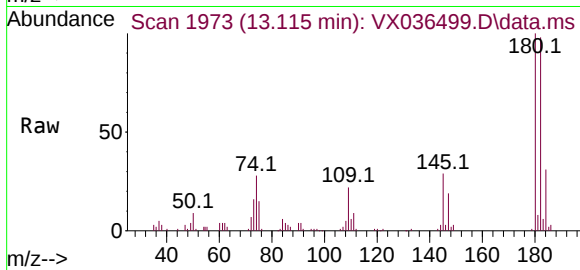
Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 28096

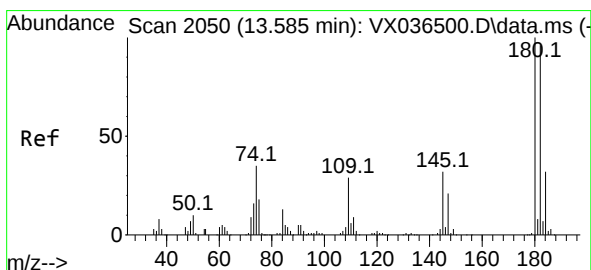
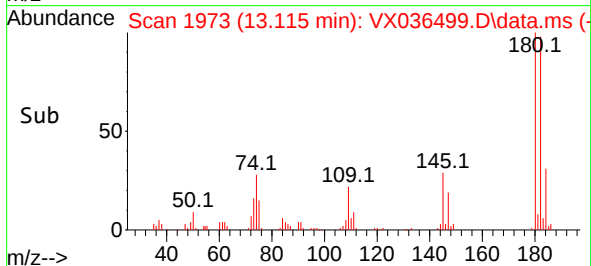
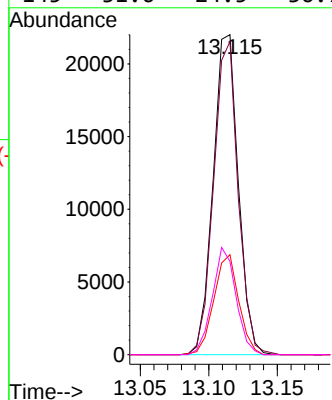
Ion Ratio Lower Upper

180 100

182 95.2 75.2 112.8

184 31.0 23.9 35.9

145 31.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 8.685 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036499.D

Acq: 12 Jul 2023 10:07

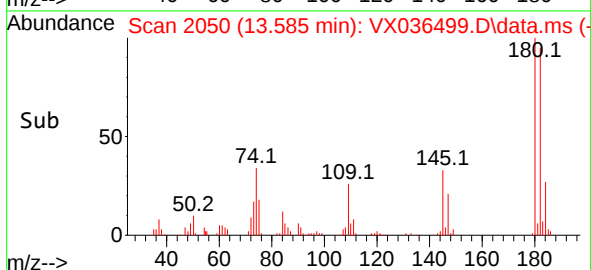
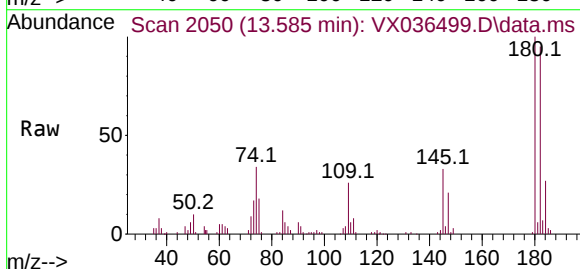
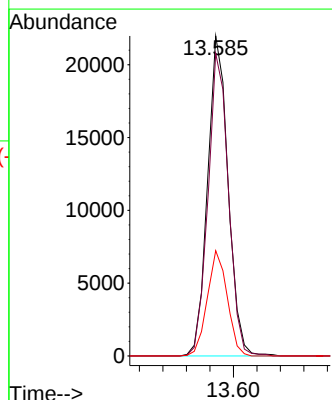
Tgt Ion:180 Resp: 26639

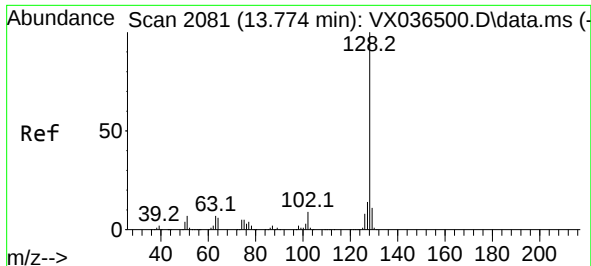
Ion Ratio Lower Upper

180 100

182 94.0 74.7 112.1

145 32.0 25.3 37.9

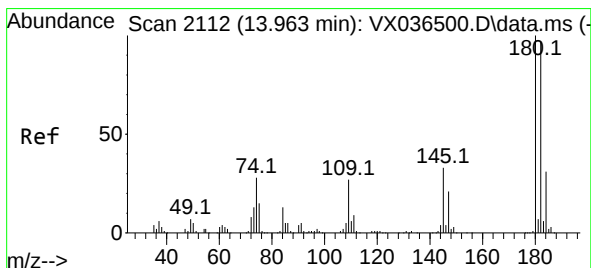
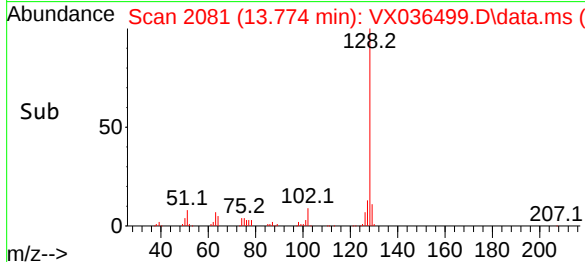
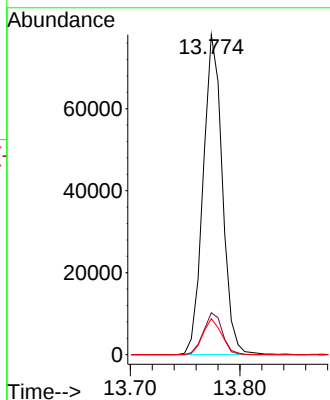
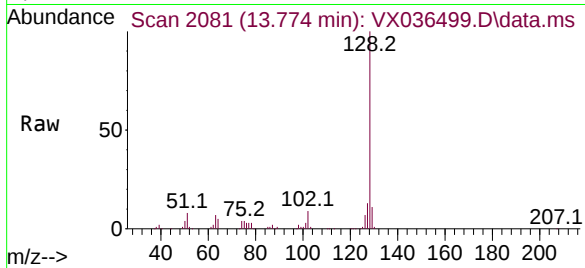




#71
Naphthalene
Concen: 9.058 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 94793
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 8.851 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036499.D
Acq: 12 Jul 2023 10:07

Tgt Ion:180 Resp: 26452
Ion Ratio Lower Upper
180 100
182 95.6 78.6 117.8
145 34.3 27.5 41.3

