

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038618.D
 Acq On : 27 Oct 2023 22:23
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 28 02:23:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	434588	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	424177	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	233905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	27489	8.829	ug/L	0.00
7) Chloroethane-d5	1.672	69	21594	6.760	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	12698	9.476	ug/L	0.00
21) 2-Butanone-d5	4.458	46	41919	19.362	ug/L	0.00
24) Chloroform-d	5.062	84	55481	9.725	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	35688	9.340	ug/L	0.00
32) Benzene-d6	5.976	84	107962	9.041	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	31135	8.361	ug/L	0.00
41) Toluene-d8	8.647	98	108941	9.434	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	13709	7.688	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	34229	19.874	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	49753	9.823	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	43474	9.712	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32772	10.122	ug/L	98
3) Chloromethane	1.300	50	25404	7.509	ug/L	99
5) Vinyl chloride	1.374	62	28334	7.849	ug/L	96
6) Bromomethane	1.611	94	18712	5.833	ug/L	95
8) Chloroethane	1.691	64	16553	6.671	ug/L	98
9) Trichlorofluoromethane	1.892	101	45849	7.888	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	27576	9.478	ug/L	99
12) 1,1-Dichloroethene	2.319	96	26077	9.468	ug/L	94
13) Acetone	2.373	43	28009	17.667	ug/L	99
14) Carbon disulfide	2.514	76	67705	9.080	ug/L	97
15) Methyl Acetate	2.703	43	29468	9.279	ug/L	98
16) Methylene chloride	2.788	84	28322	9.523	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	25731	9.309	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	78794	8.531	ug/L	100
19) 1,1-Dichloroethane	3.611	63	43698	8.368	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	29750	9.275	ug/L	98
22) 2-Butanone	4.556	43	42973	18.476	ug/L	99
23) Bromochloromethane	4.903	128	15848	9.847	ug/L	91
25) Chloroform	5.099	83	51625	9.276	ug/L	96
27) 1,2-Dichloroethane	6.092	62	38850	8.896	ug/L	100
29) Cyclohexane	5.470	56	37341	7.883	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	43533	8.804	ug/L	99
31) Carbon tetrachloride	5.678	117	37675	8.906	ug/L	98
33) Benzene	6.043	78	105687	8.708	ug/L	100
34) Trichloroethene	7.129	95	29923	8.853	ug/L	98
35) Methylcyclohexane	7.379	83	43832	8.608	ug/L	97
37) 1,2-Dichloropropane	7.427	63	25759	7.880	ug/L	99
38) Bromodichloromethane	7.824	83	35360	8.500	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	35189	6.833	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	76897	16.809	ug/L	98
42) Toluene	8.720	91	118204	9.018	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	33652	7.074	ug/L	99

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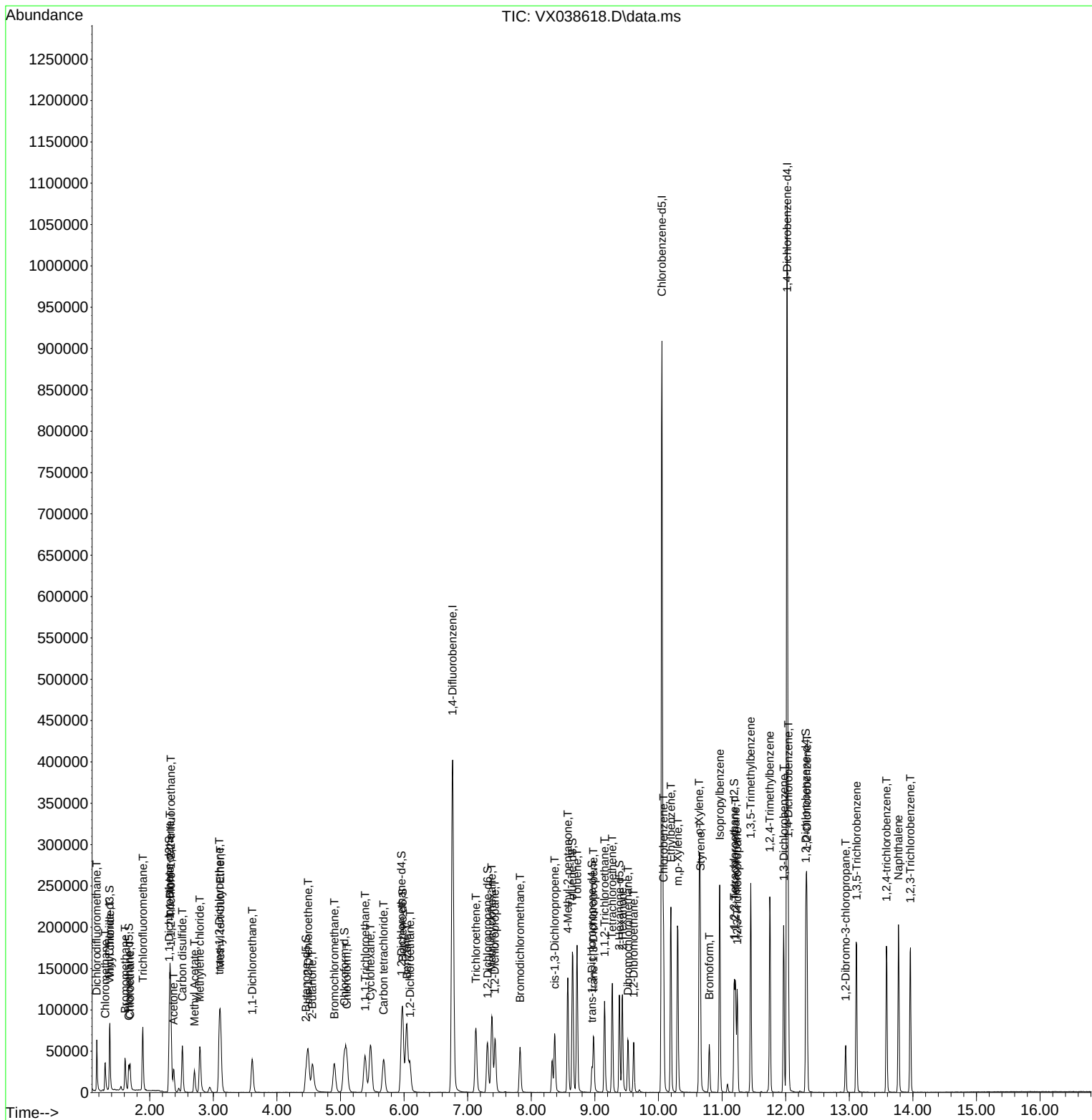
Instrument :
 MSVOA_X
 ClientSampleId :

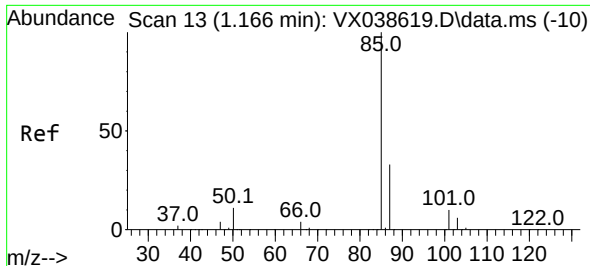
Quant Time: Oct 28 02:23:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:22:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	28922	9.063	ug/L	99
46) Tetrachloroethene	9.275	164	24898	9.937	ug/L	97
48) 2-Hexanone	9.433	43	61013	17.034	ug/L	99
49) Dibromochloromethane	9.518	129	28568	8.838	ug/L	99
50) 1,2-Dibromoethane	9.610	107	32623	9.427	ug/L #	100
51) Chlorobenzene	10.079	112	80814	9.427	ug/L	97
52) Ethylbenzene	10.195	91	131045	9.010	ug/L	100
53) m,p-Xylene	10.305	106	51764	9.267	ug/L	95
54) o-Xylene	10.640	106	50035	9.122	ug/L	99
55) Styrene	10.659	104	82285	8.956	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	48873	9.713	ug/L	98
59) Bromoform	10.799	173	21040	8.274	ug/L	98
60) Isopropylbenzene	10.963	105	132202	8.501	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	38350	9.057	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	107112	8.263	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	106566	8.267	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	65310	9.293	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	69288	9.739	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	65960	9.504	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	10320	8.771	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.115	180	46960	9.827	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	43950	9.749	ug/L	99
71) Naphthalene	13.774	128	130150	8.781	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	42962	9.774	ug/L	99

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

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Response via : Initial Calibration

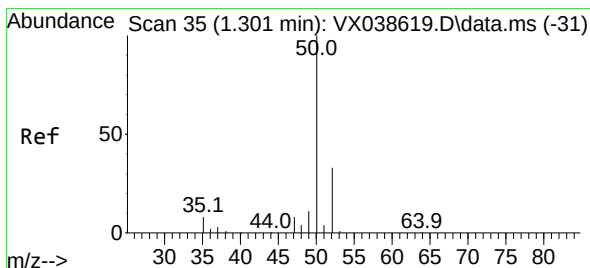
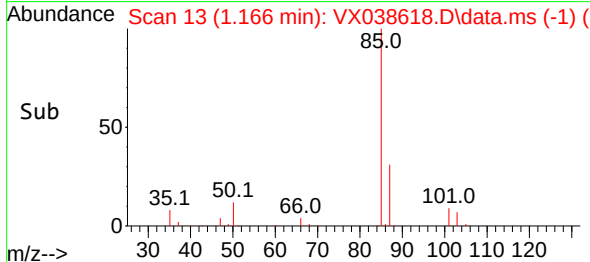
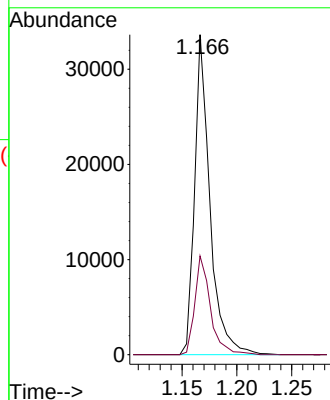
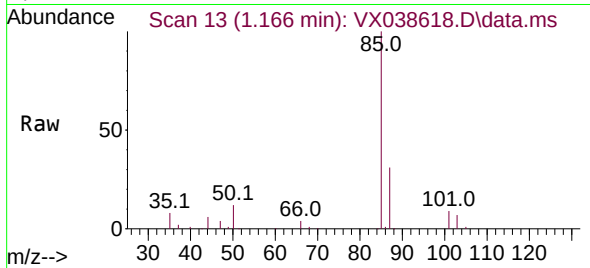




#2
 Dichlorodifluoromethane
 Concen: 10.122 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038618.D
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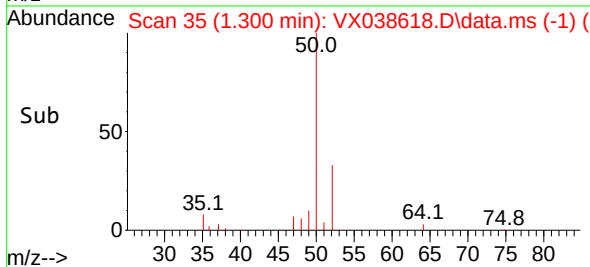
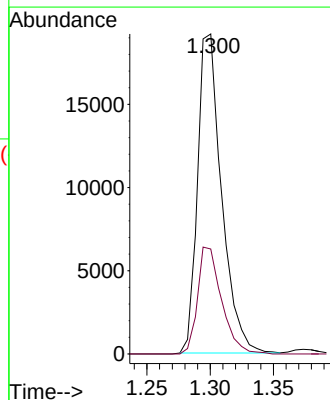
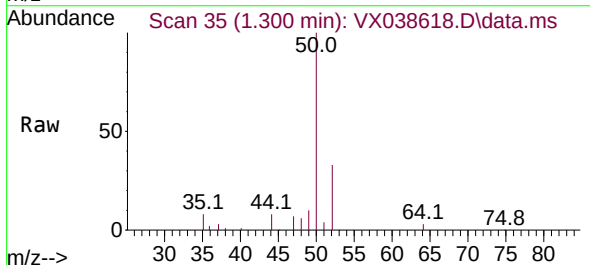
Instrument :
 MSVOA_X
 ClientSampleId :

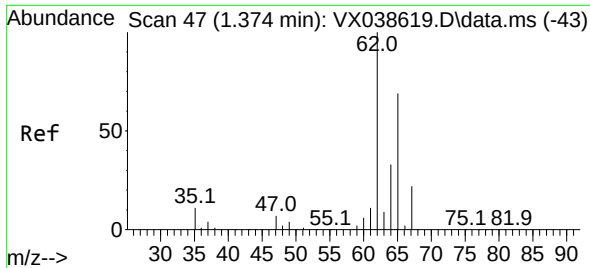
Tgt Ion: 85 Resp: 32772
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.1 39.1



#3
 Chloromethane
 Concen: 7.509 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX038618.D
 Acq: 27 Oct 2023 22:23

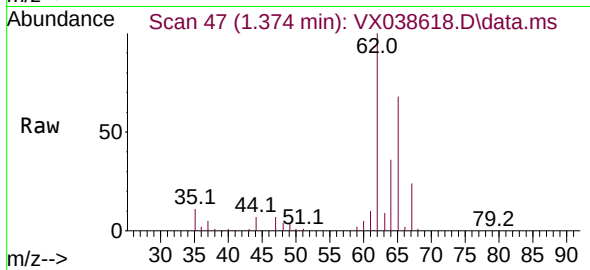
Tgt Ion: 50 Resp: 25404
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.3 43.3



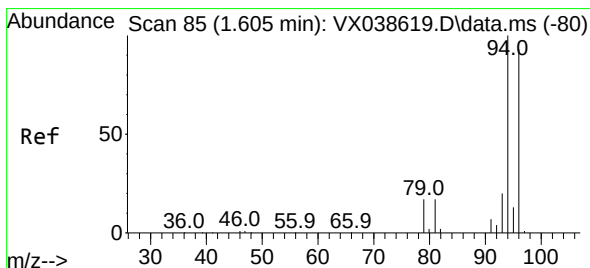
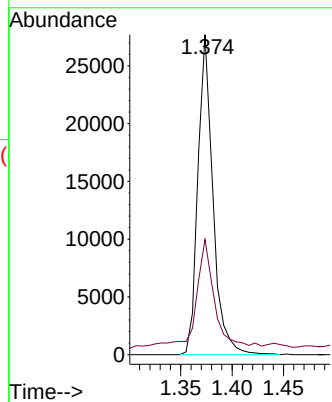
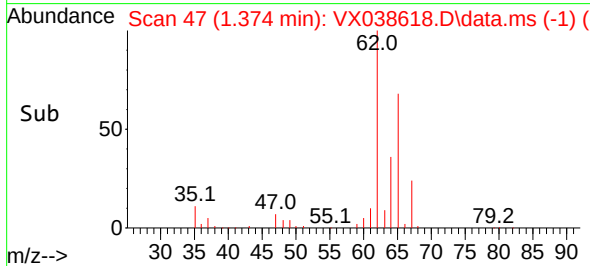


#5
 Vinyl chloride
 Concen: 7.849 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038618.D
 Acq: 27 Oct 2023 22:23

Instrument :
 MSVOA_X
 ClientSampleId :

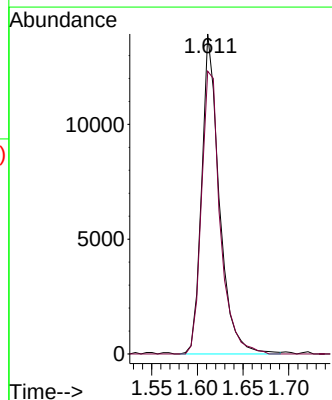
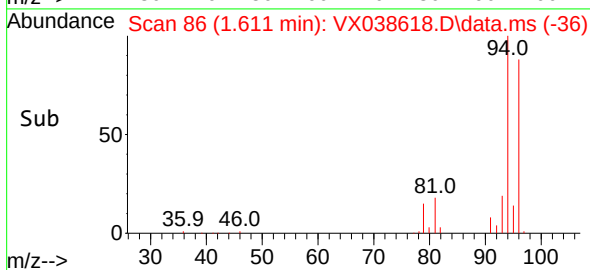
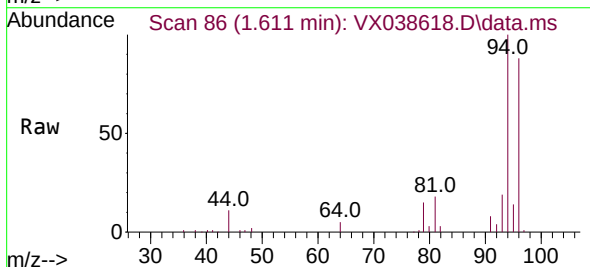


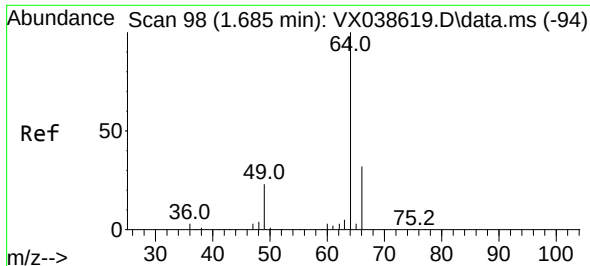
Tgt Ion: 62 Resp: 28334
 Ion Ratio Lower Upper
 62 100
 64 36.0 23.7 43.9



#6
 Bromomethane
 Concen: 5.833 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX038618.D
 Acq: 27 Oct 2023 22:23

Tgt Ion: 94 Resp: 18712
 Ion Ratio Lower Upper
 94 100
 96 88.4 65.4 121.4

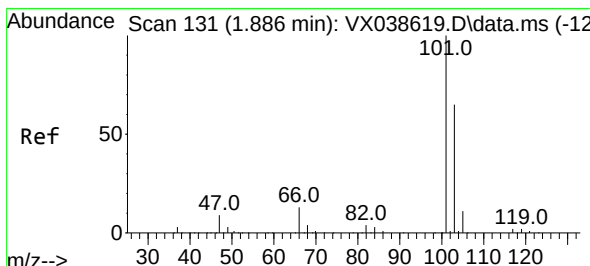
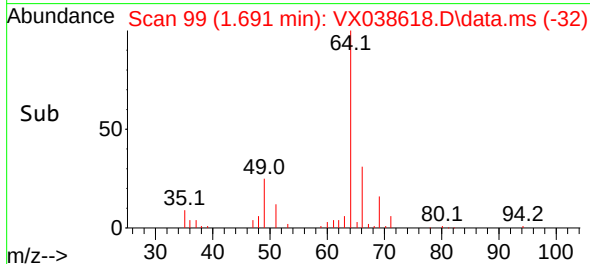
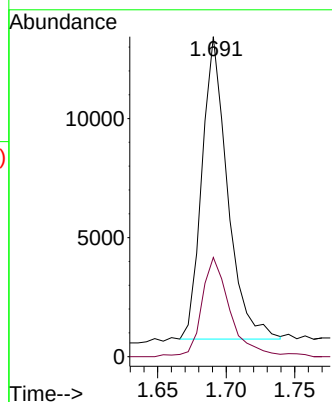
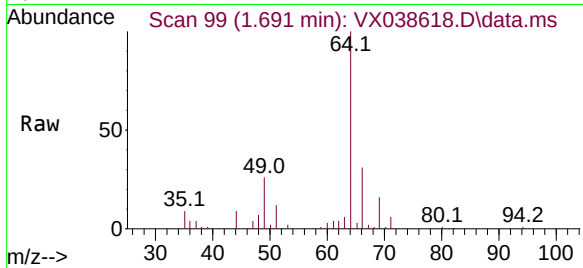




#8
Chloroethane
Concen: 6.671 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

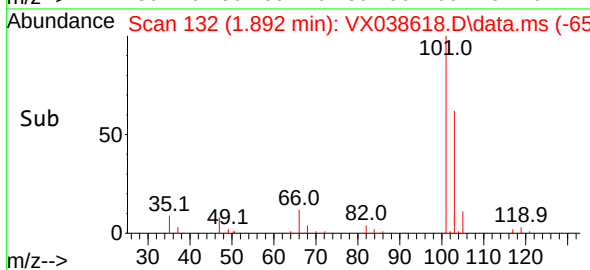
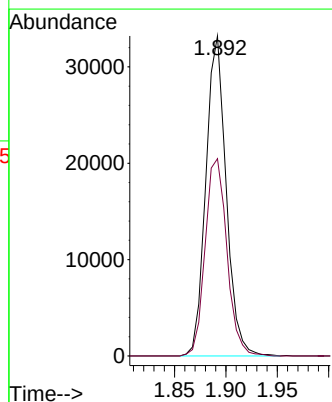
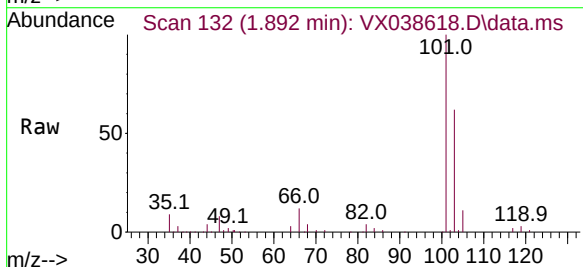
Instrument :
MSVOA_X
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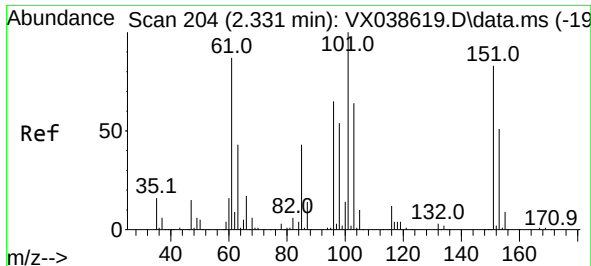
Tgt Ion: 64 Resp: 16553
Ion Ratio Lower Upper
64 100
66 31.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 7.888 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion: 101 Resp: 45849
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.6





#10

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

Concen: 9.478 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

ClientSampleId :

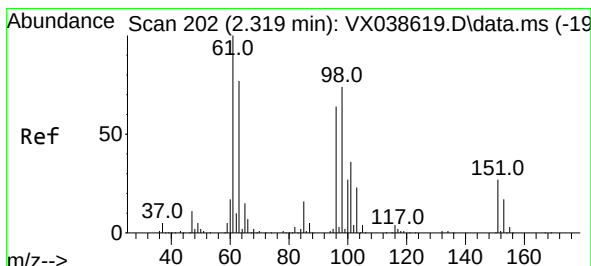
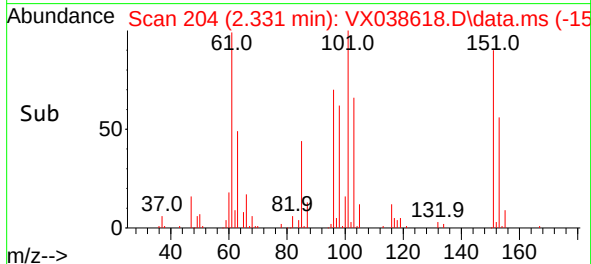
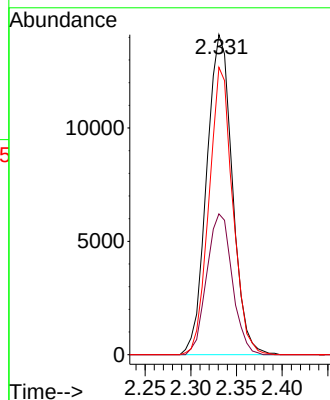
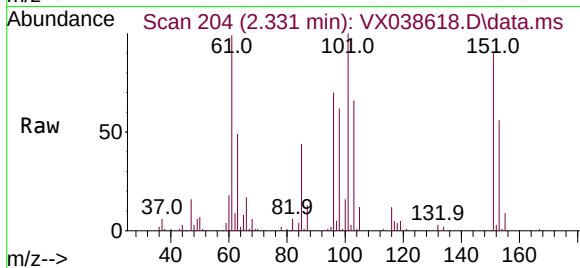
Tgt Ion:101 Resp: 27576

Ion Ratio Lower Upper

101 100

85 43.6 34.3 51.5

151 82.9 65.8 98.8



#12

1,1-Dichloroethene

Concen: 9.468 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

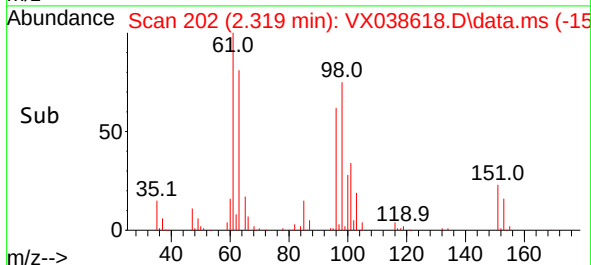
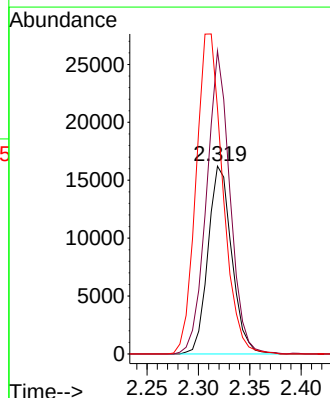
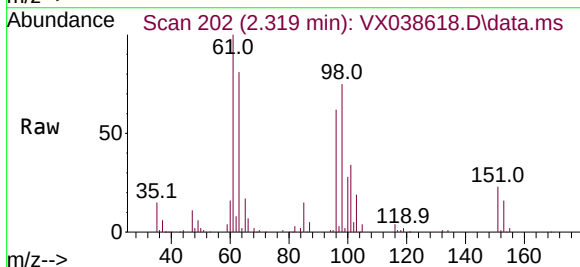
Tgt Ion: 96 Resp: 26077

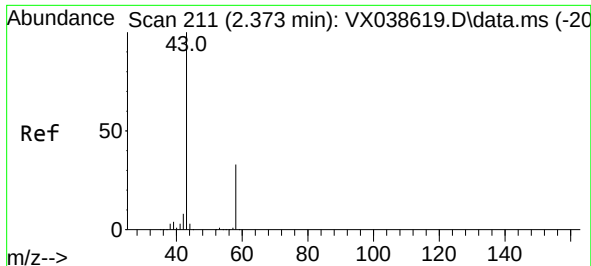
Ion Ratio Lower Upper

96 100

61 161.3 109.6 203.6

63 130.7 84.9 157.7





#13

Acetone

Concen: 17.667 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

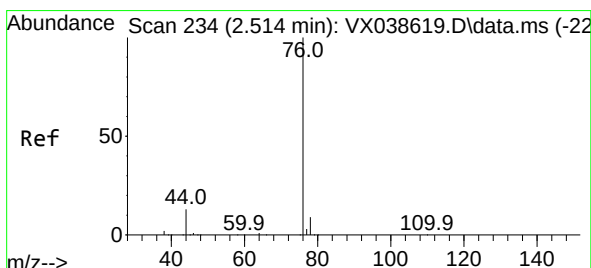
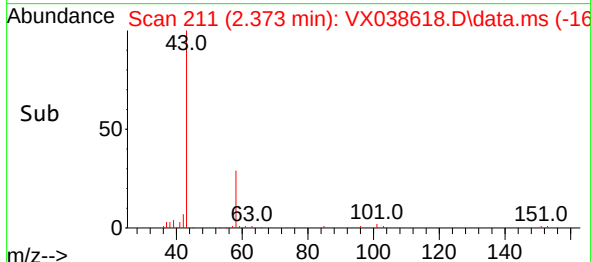
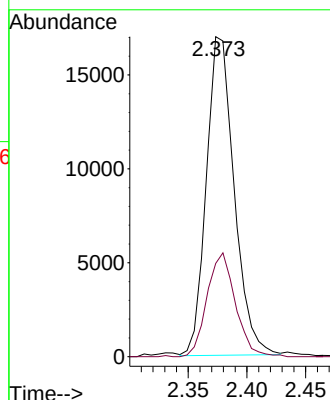
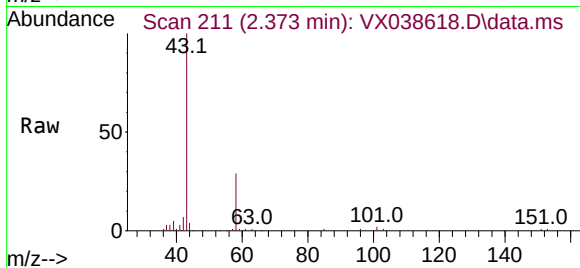
ClientSampleId :

Tgt Ion: 43 Resp: 28009

Ion Ratio Lower Upper

43 100

58 33.1 0.0 65.2



#14

Carbon disulfide

Concen: 9.080 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX038618.D

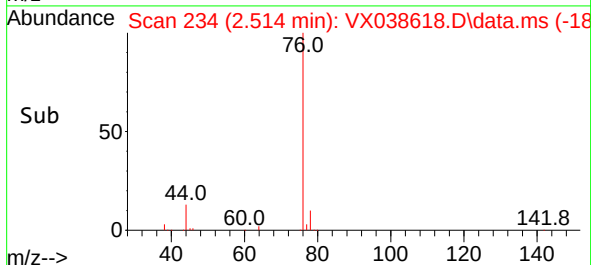
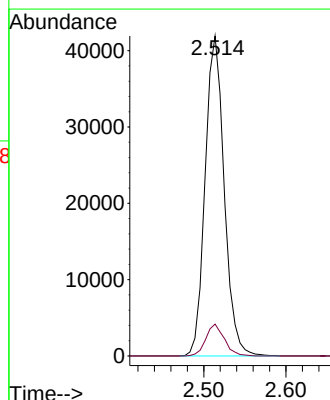
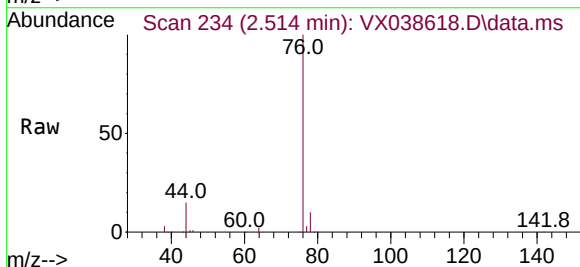
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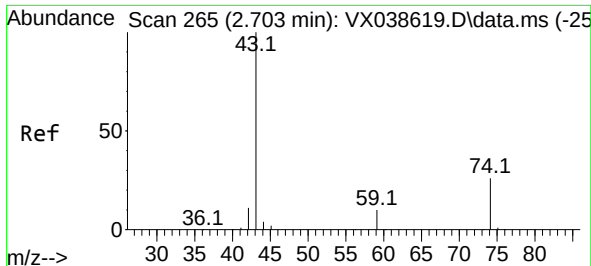
Tgt Ion: 76 Resp: 67705

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8

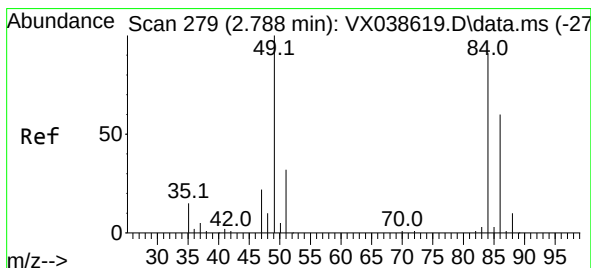
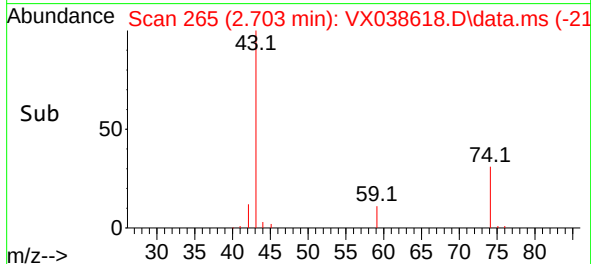
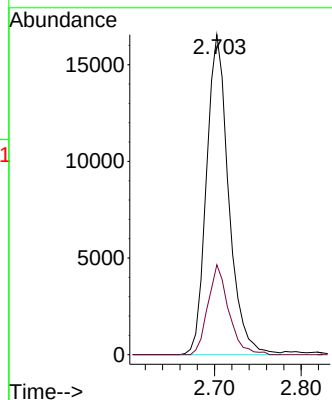
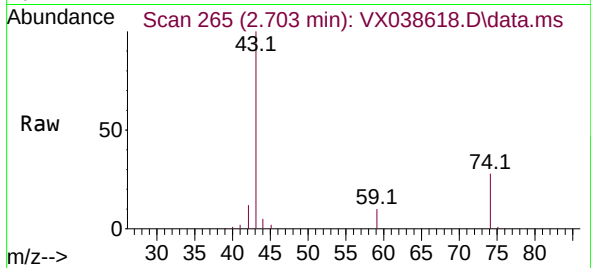




#15
Methyl Acetate
Concen: 9.279 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

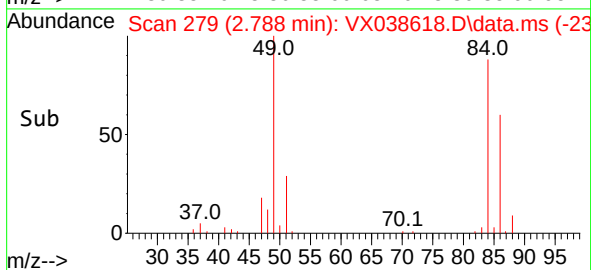
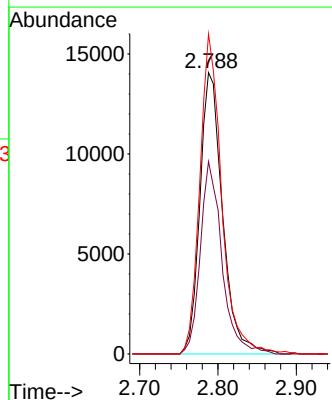
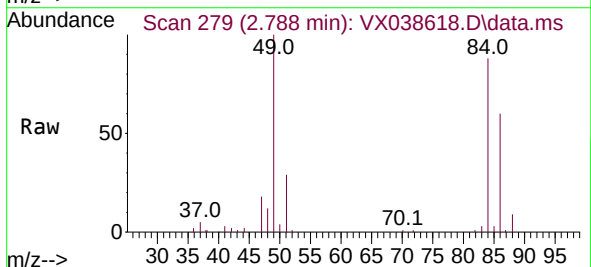
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MSVOA_X
ClientSampleId :

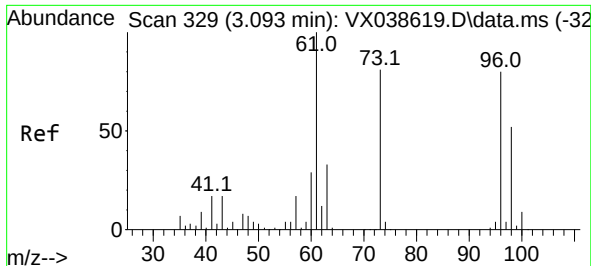
Tgt Ion: 43 Resp: 29468
Ion Ratio Lower Upper
43 100
74 26.1 21.7 32.5



#16
Methylene chloride
Concen: 9.523 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion: 84 Resp: 28322
Ion Ratio Lower Upper
84 100
86 68.4 45.6 84.8
49 113.7 76.5 142.1

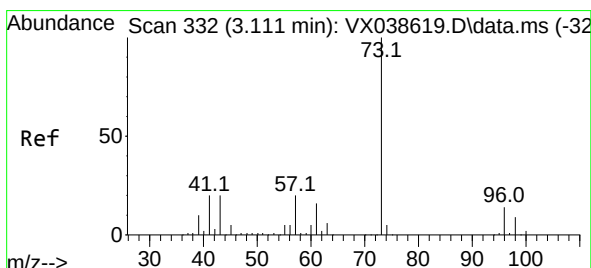
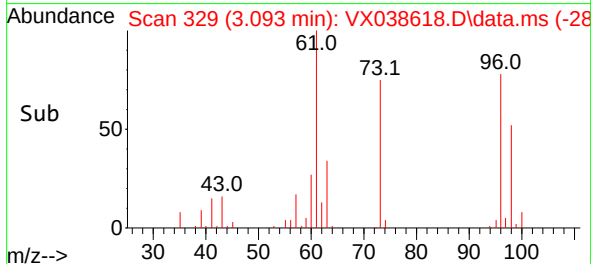
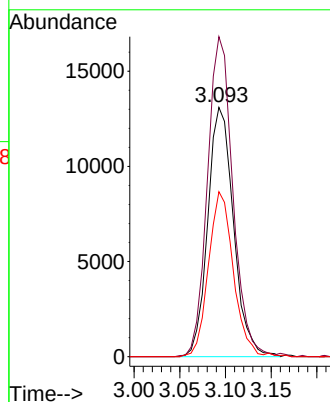
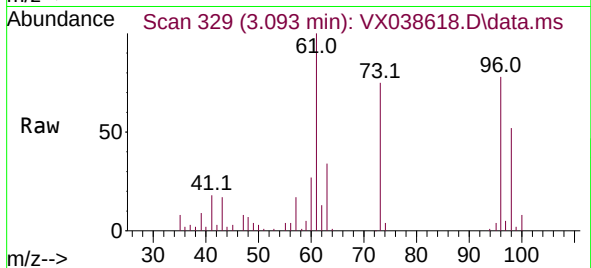




#17
trans-1,2-Dichloroethene
Concen: 9.309 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

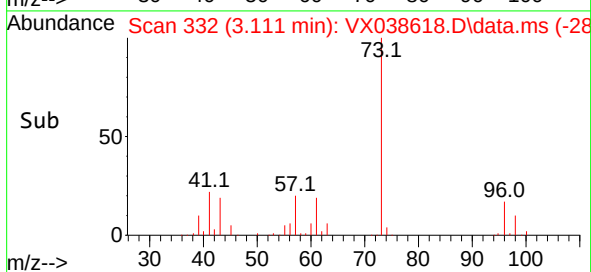
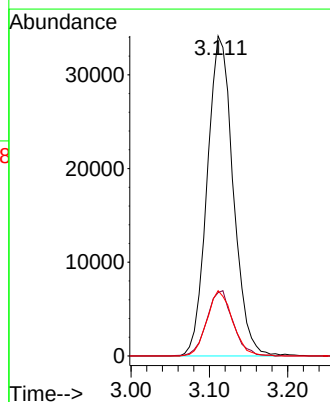
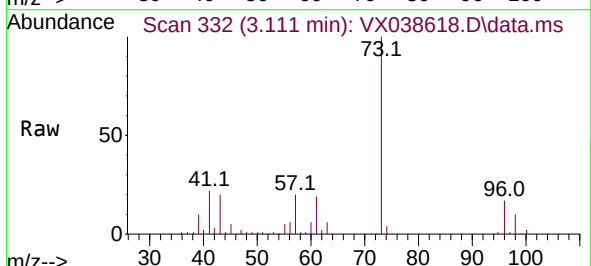
Instrument :
MSVOA_X
ClientSampleId :

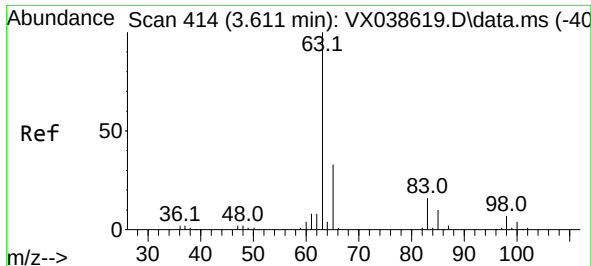
Tgt Ion: 96 Resp: 25731
Ion Ratio Lower Upper
96 100
61 128.3 87.1 161.7
98 66.2 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 8.531 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion: 73 Resp: 78794
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.4
57 20.1 16.2 24.4





#19

1,1-Dichloroethane

Concen: 8.368 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX038618.D

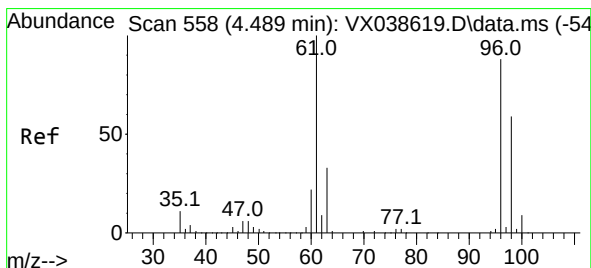
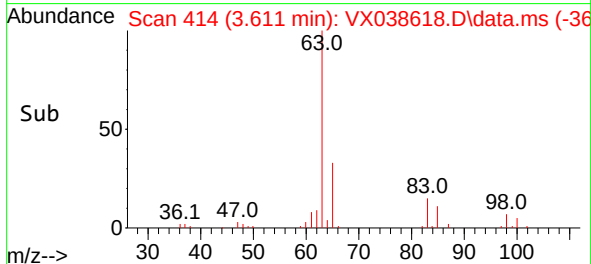
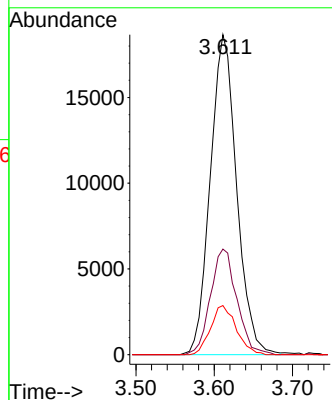
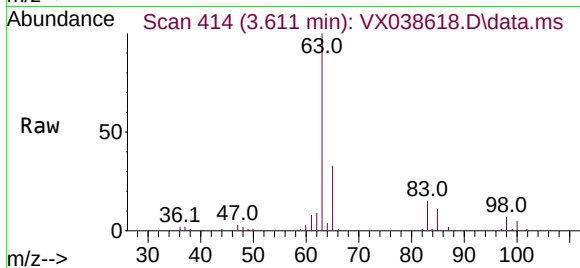
Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	43698
Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.8	42.4
83	15.4	10.9	20.3



#20

cis-1,2-Dichloroethene

Concen: 9.275 ug/L

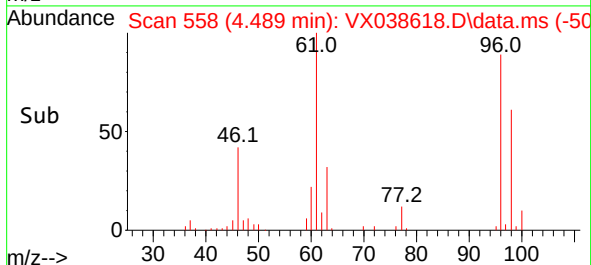
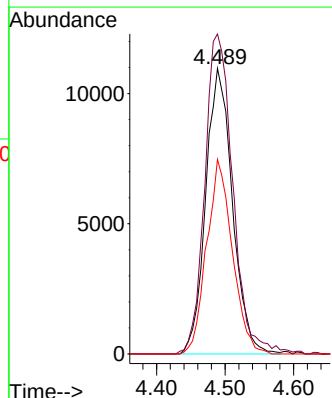
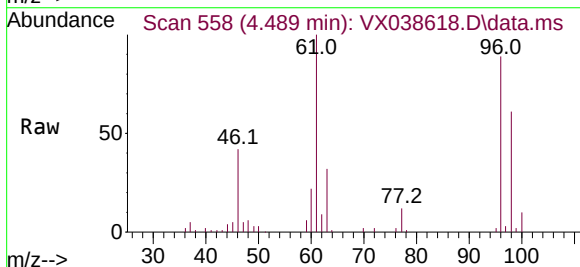
RT: 4.489 min Scan# 558

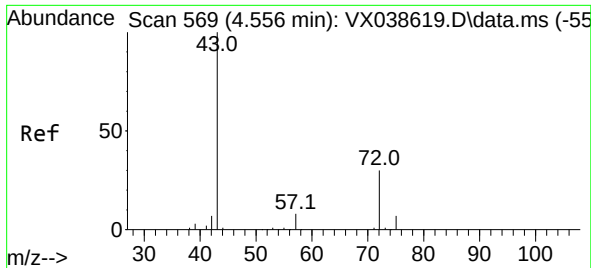
Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Tgt Ion:	96	Resp:	29750
Ion	Ratio	Lower	Upper
96	100		
61	112.1	79.4	147.4
98	68.1	46.5	86.5

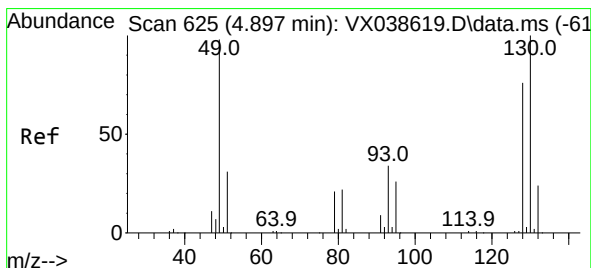
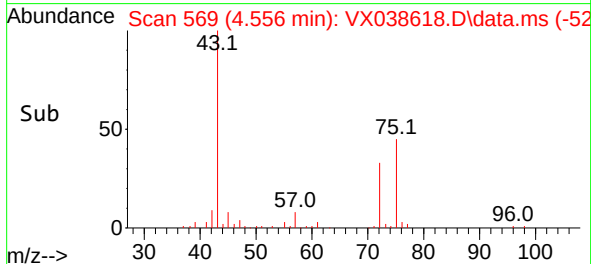
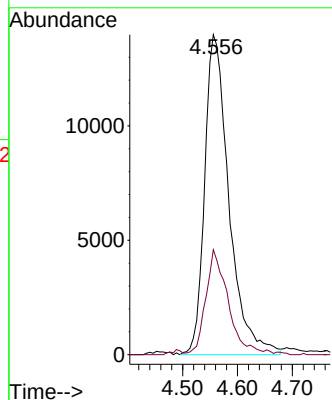
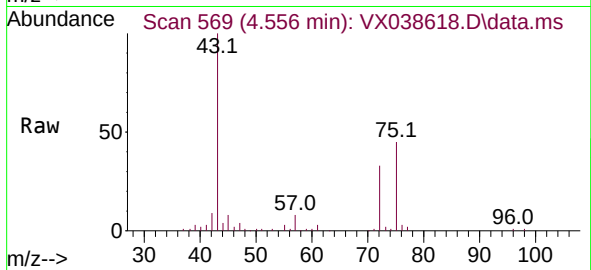




#22
2-Butanone
Concen: 18.476 ug/L
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

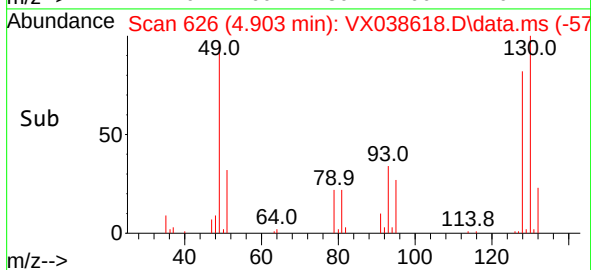
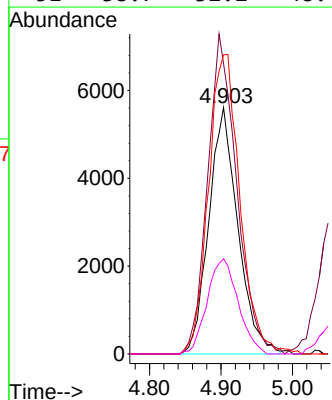
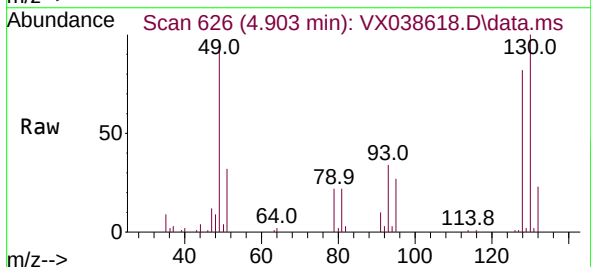
Instrument :
MSVOA_X
ClientSampleId :

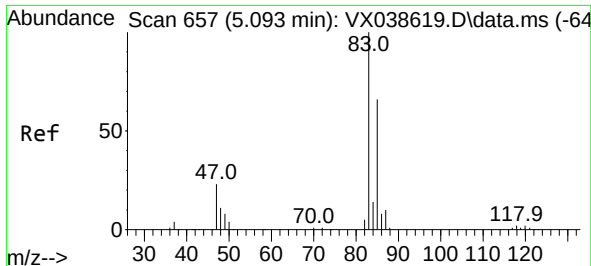
Tgt Ion: 43 Resp: 42973
Ion Ratio Lower Upper
43 100
72 30.1 14.9 44.5



#23
Bromochloromethane
Concen: 9.847 ug/L
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion: 128 Resp: 15848
Ion Ratio Lower Upper
128 100
49 117.9 90.9 168.9
130 121.4 92.5 171.7
51 38.7 32.2 48.4

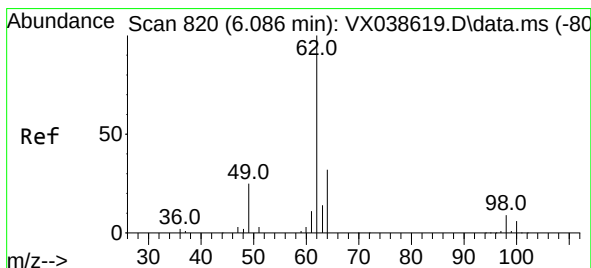
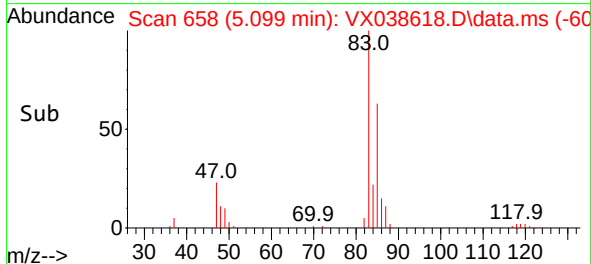
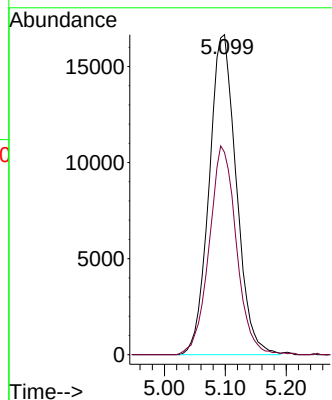
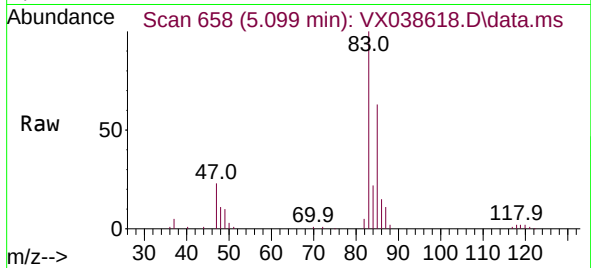




#25
Chloroform
Concen: 9.276 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

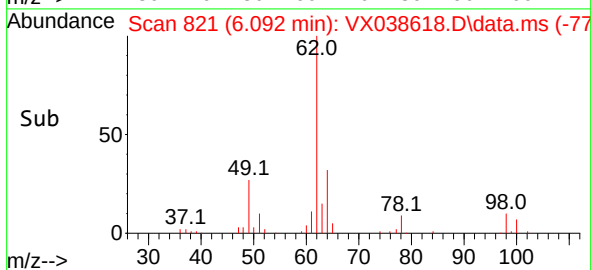
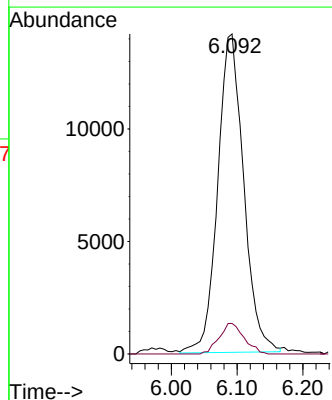
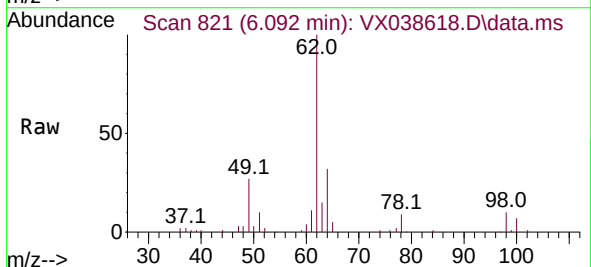
Instrument :
MSVOA_X
ClientSampleId :

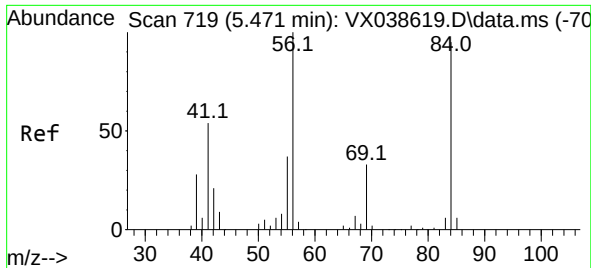
Tgt Ion: 83 Resp: 51625
Ion Ratio Lower Upper
83 100
85 63.2 46.3 86.1



#27
1,2-Dichloroethane
Concen: 8.896 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

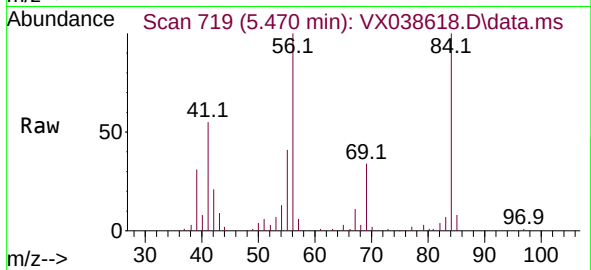
Tgt Ion: 62 Resp: 38850
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3



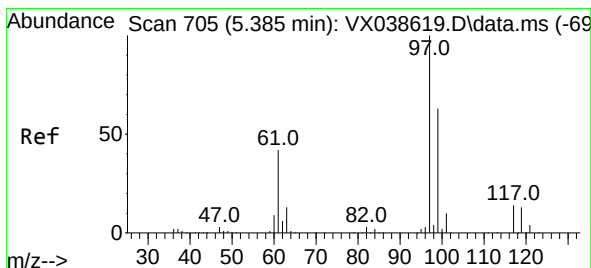
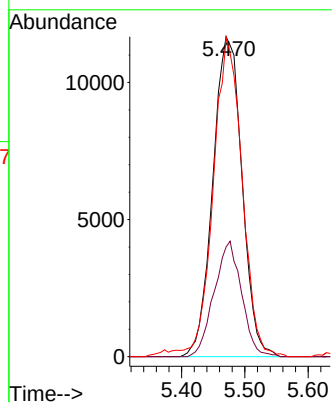
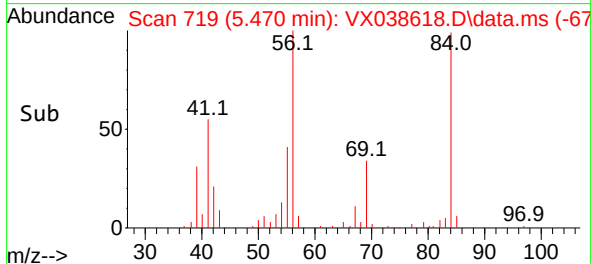


#29
Cyclohexane
Concen: 7.883 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Instrument :
MSVOA_X
ClientSampleId :

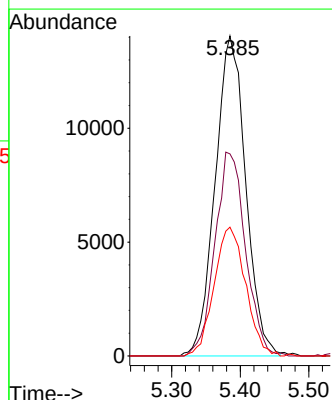
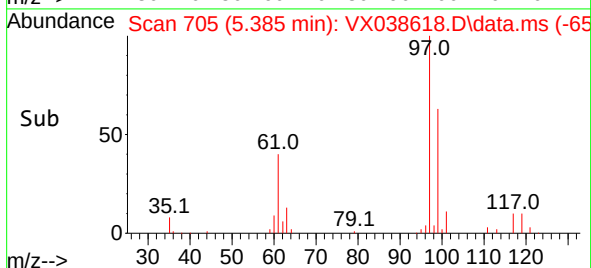
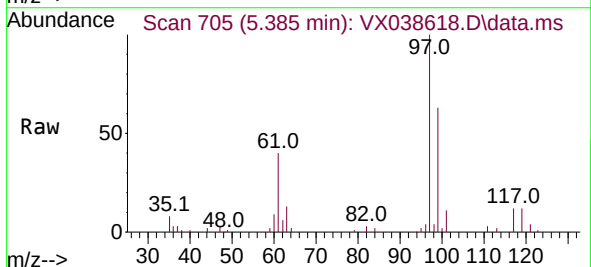


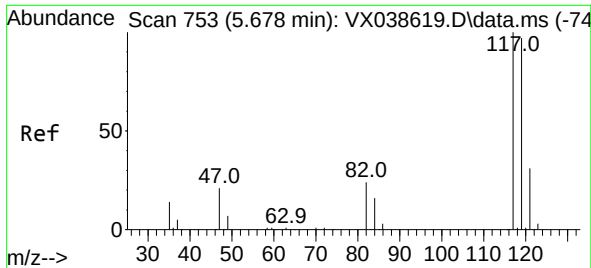
Tgt Ion:	56	Resp:	37341
Ion	Ratio	Lower	Upper
56	100		
69	33.9	26.9	40.3
84	98.1	77.6	116.4



#30
1,1,1-Trichloroethane
Concen: 8.804 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

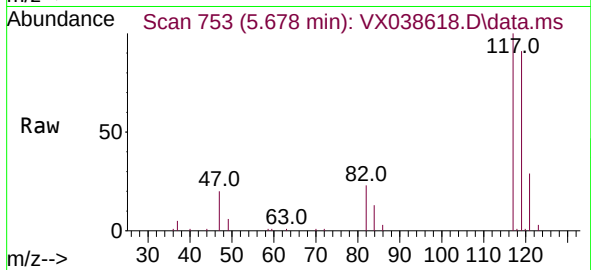
Tgt Ion:	97	Resp:	43533
Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.1	78.1
61	41.5	33.2	49.8



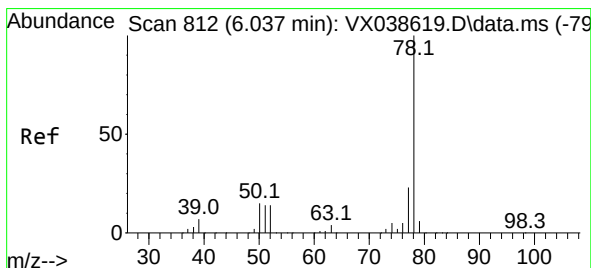
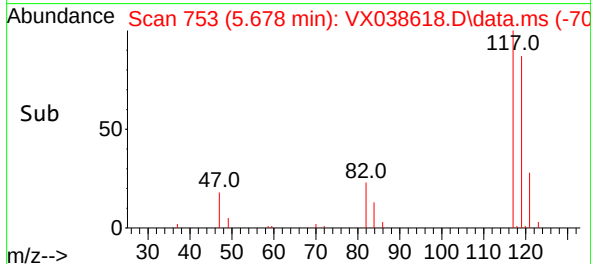
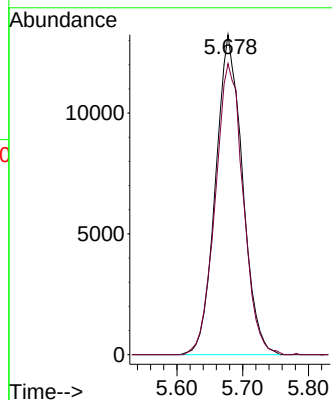


#31
Carbon tetrachloride
Concen: 8.906 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Instrument :
MSVOA_X
ClientSampleId :

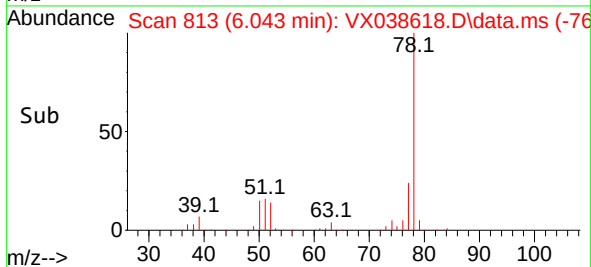
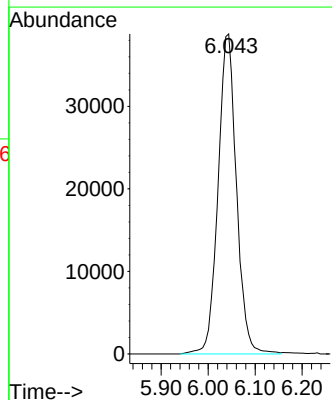
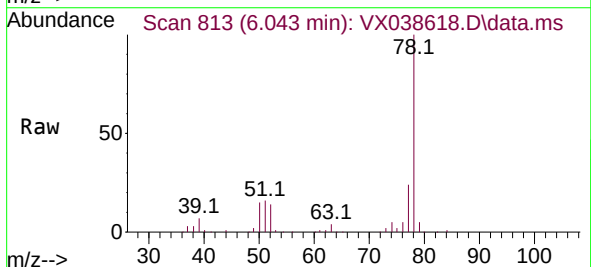


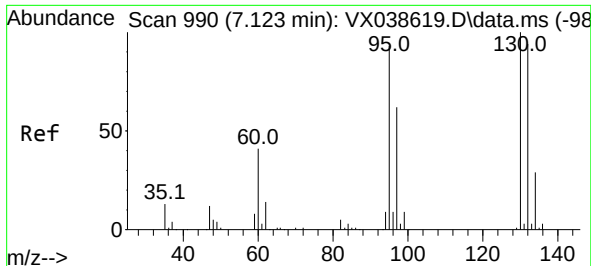
Tgt Ion:117 Resp: 37675
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9



#33
Benzene
Concen: 8.708 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

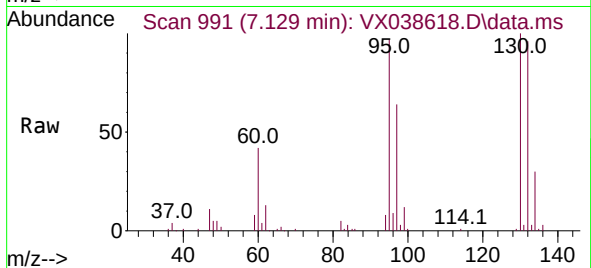
Tgt Ion: 78 Resp: 105687



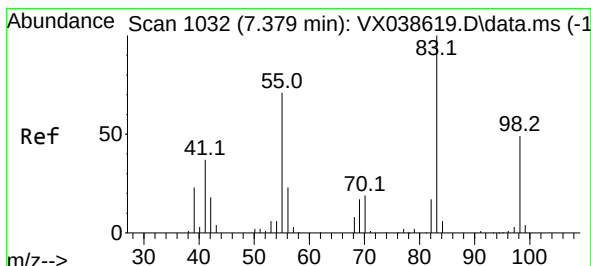
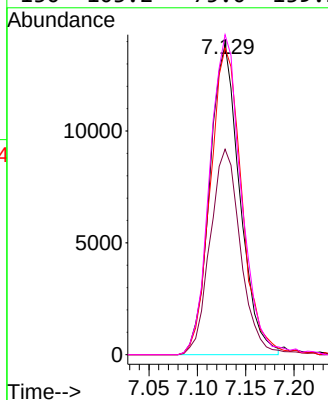
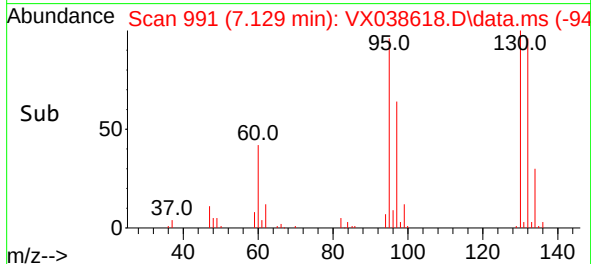


#34
Trichloroethene
Concen: 8.853 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

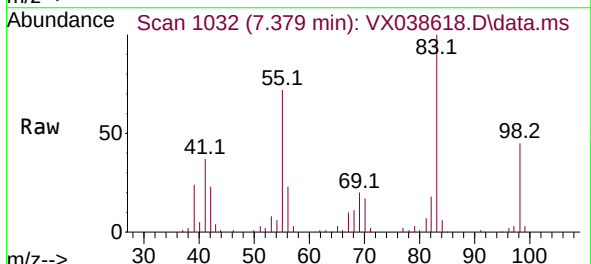
Instrument :
MSVOA_X
ClientSampleId :



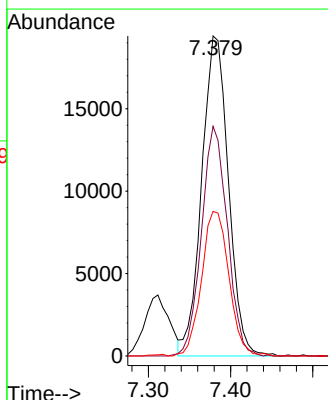
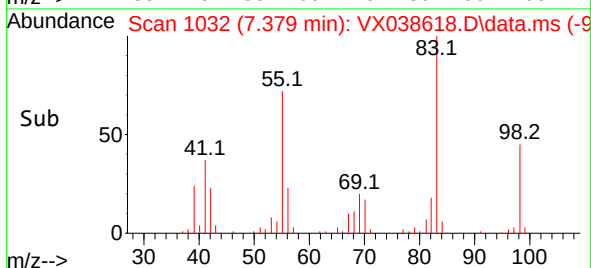
Tgt Ion: 95 Resp: 29923
Ion Ratio Lower Upper
95 100
97 66.2 46.3 86.1
132 98.9 70.7 131.3
130 103.2 75.0 139.2

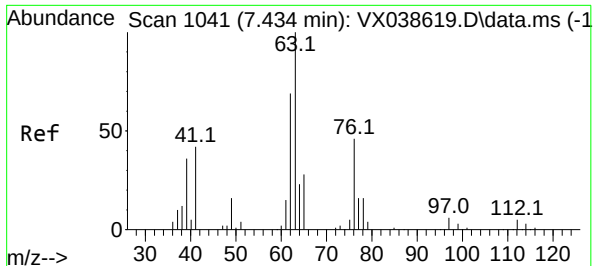


#35
Methylcyclohexane
Concen: 8.608 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23



Tgt Ion: 83 Resp: 43832
Ion Ratio Lower Upper
83 100
55 69.4 54.3 81.5
98 46.1 39.1 58.7





#37

1,2-Dichloropropane

Concen: 7.880 ug/L

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

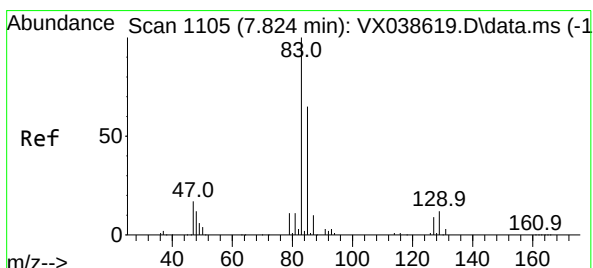
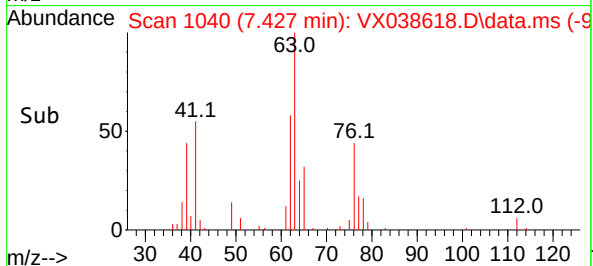
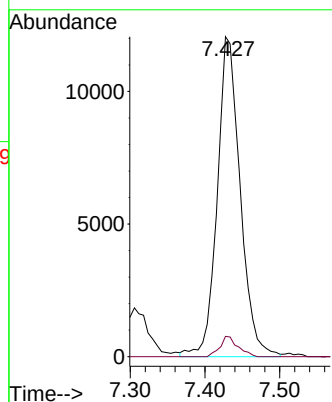
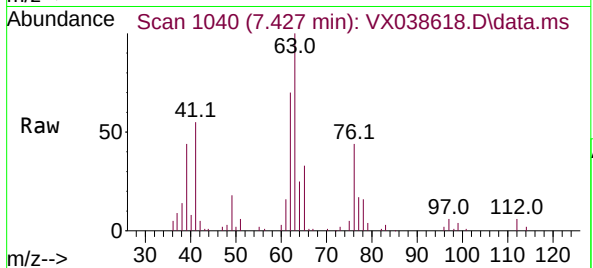
ClientSampleId :

Tgt Ion: 63 Resp: 25759

Ion Ratio Lower Upper

63 100

112 4.9 3.6 5.4



#38

Bromodichloromethane

Concen: 8.500 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

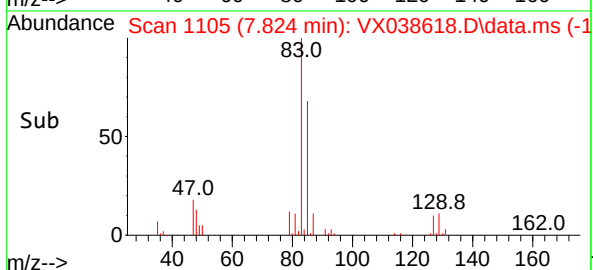
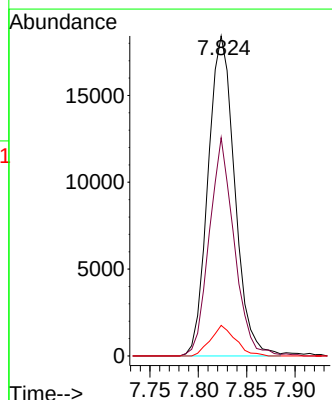
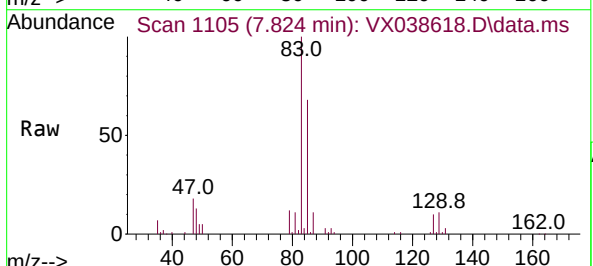
Tgt Ion: 83 Resp: 35360

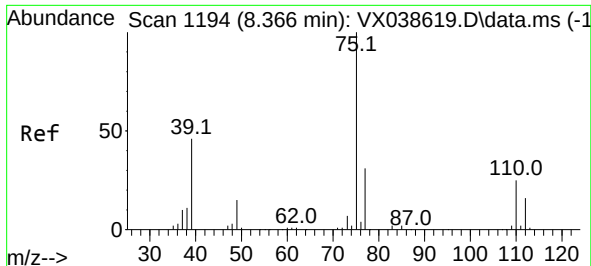
Ion Ratio Lower Upper

83 100

85 68.2 45.4 84.2

127 9.5 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 6.833 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

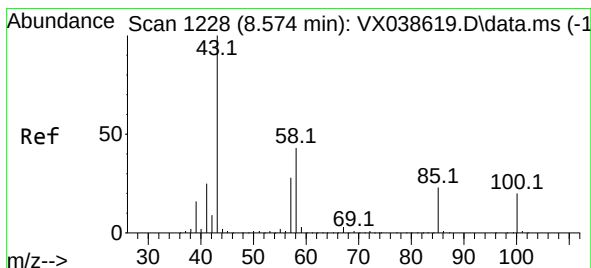
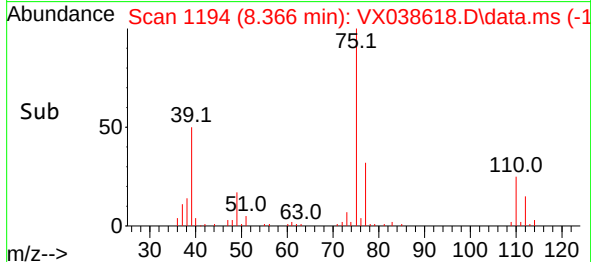
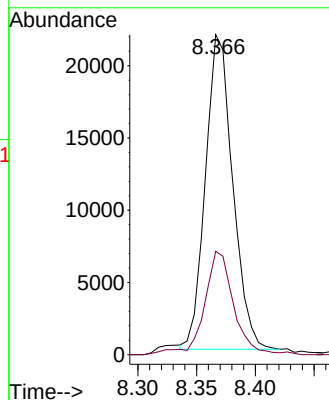
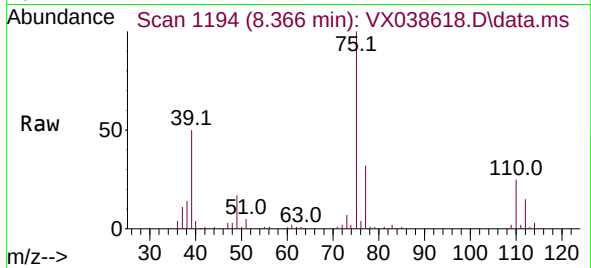
ClientSampleId :

Tgt Ion: 75 Resp: 35189

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 16.809 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

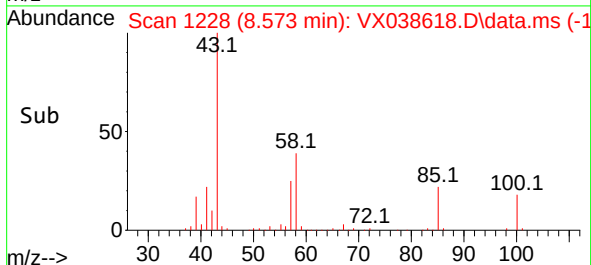
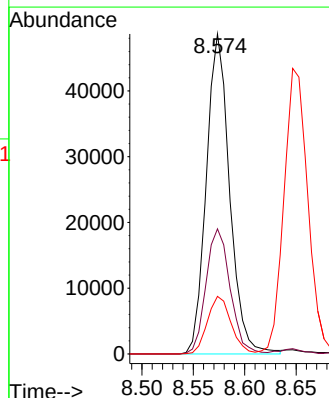
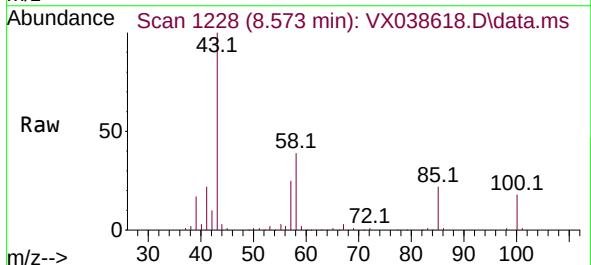
Tgt Ion: 43 Resp: 76897

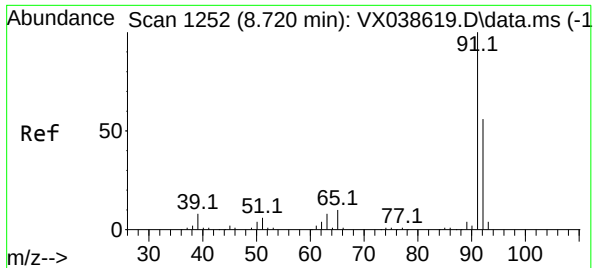
Ion Ratio Lower Upper

43 100

58 40.4 33.9 50.9

100 18.3 15.0 22.6





#42

Toluene

Concen: 9.018 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

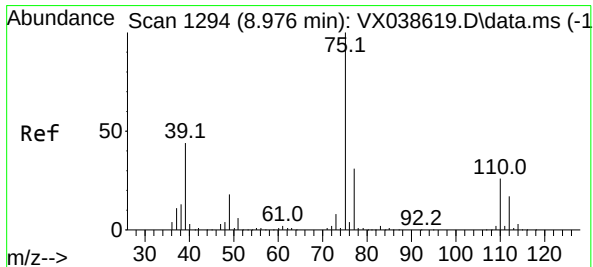
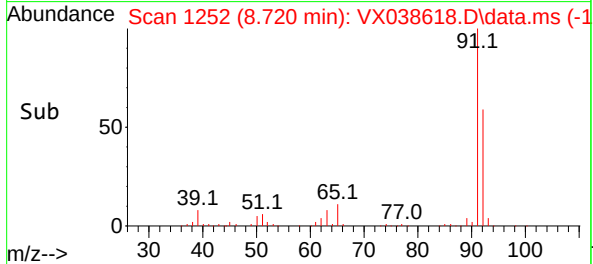
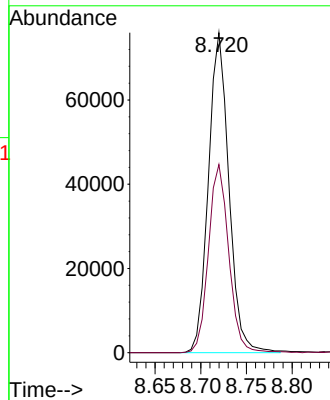
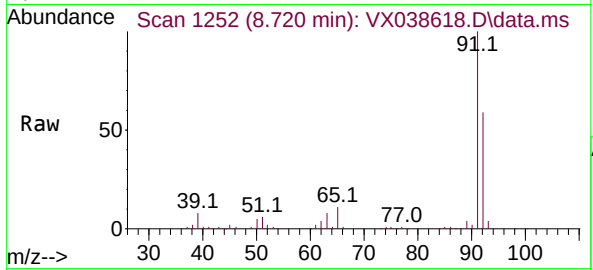
ClientSampleId :

Tgt Ion: 91 Resp: 118204

Ion Ratio Lower Upper

91 100

92 58.8 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 7.074 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX038618.D

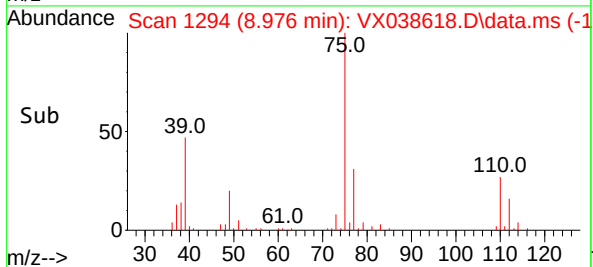
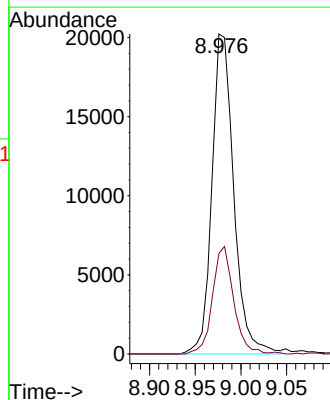
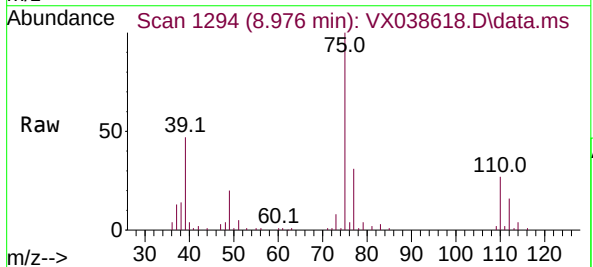
Acq: 27 Oct 2023 22:23

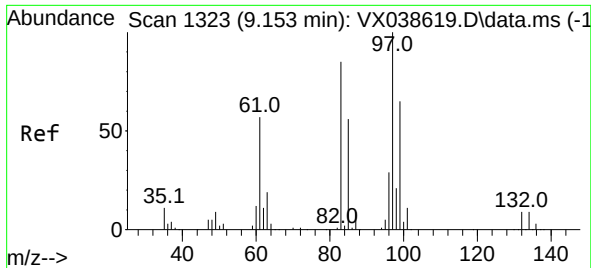
Tgt Ion: 75 Resp: 33652

Ion Ratio Lower Upper

75 100

77 31.4 21.4 39.8

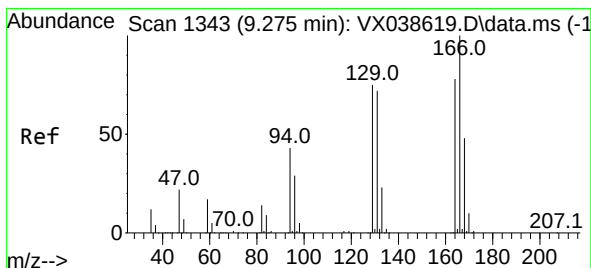
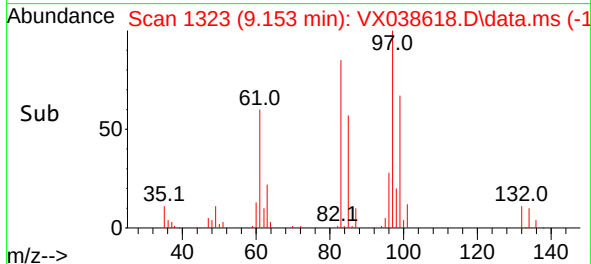
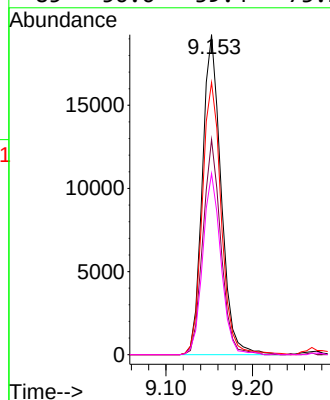
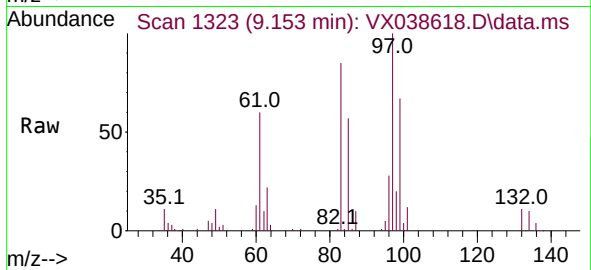




#45
1,1,2-Trichloroethane
Concen: 9.063 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

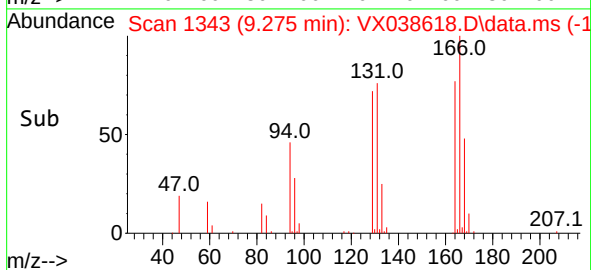
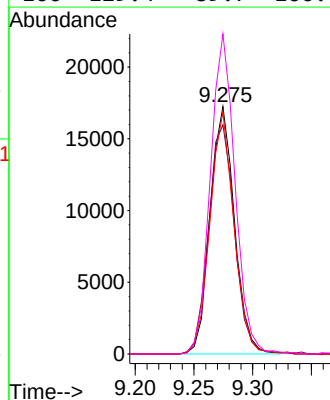
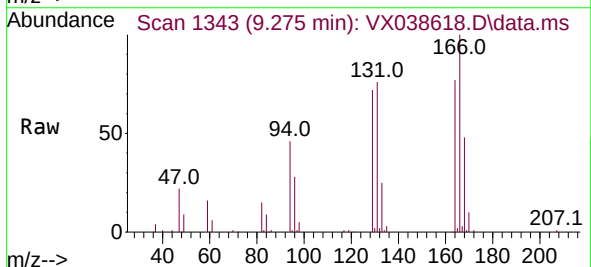
Instrument :
MSVOA_X
ClientSampleId :

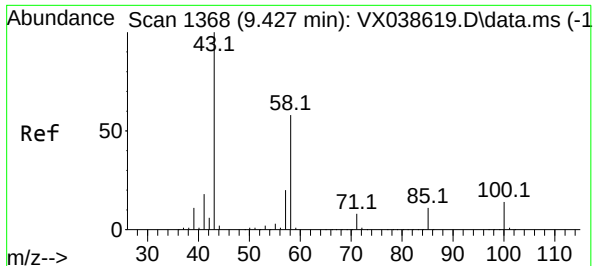
Tgt Ion:	97	Resp:	28922
Ion	Ratio	Lower	Upper
97	100		
99	67.2	45.7	84.9
83	85.1	59.8	111.0
85	56.6	39.4	73.2



#46
Tetrachloroethene
Concen: 9.937 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

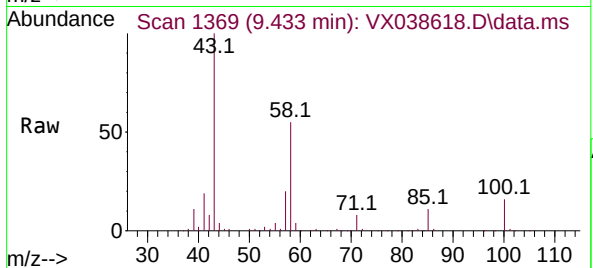
Tgt Ion:	164	Resp:	24898
Ion	Ratio	Lower	Upper
164	100		
129	92.6	67.5	125.4
131	97.8	64.5	119.9
166	129.4	89.7	166.7



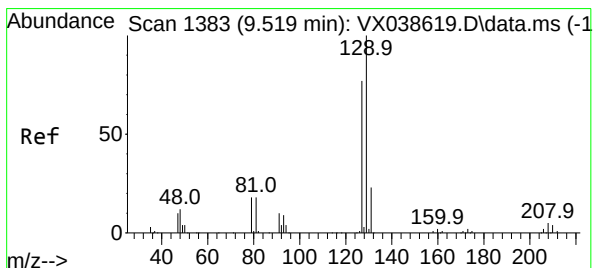
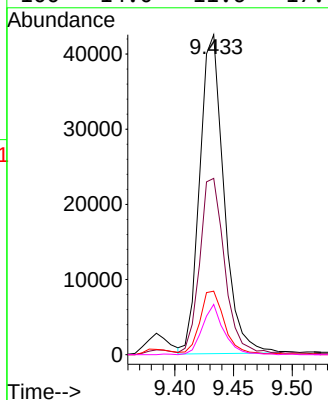
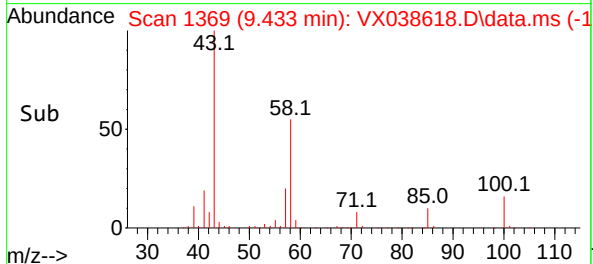


#48
2-Hexanone
Concen: 17.034 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Instrument :
MSVOA_X
ClientSampleId :

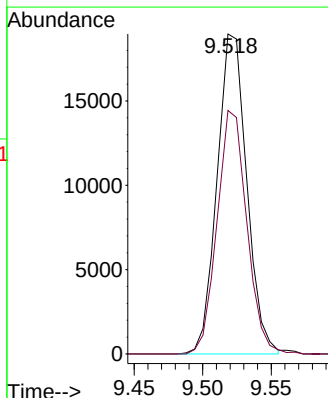
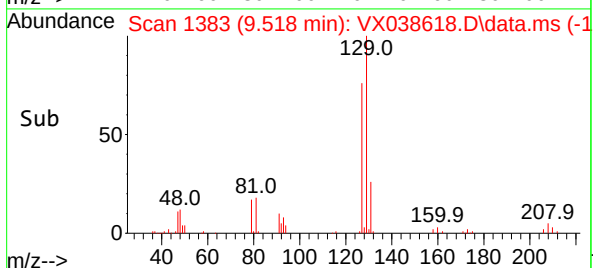
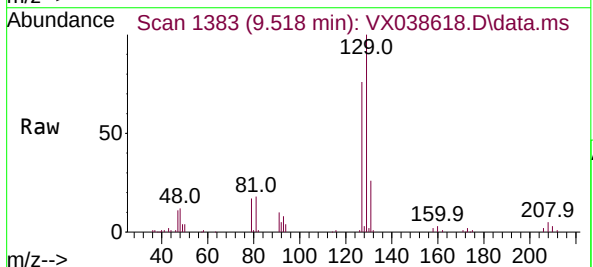


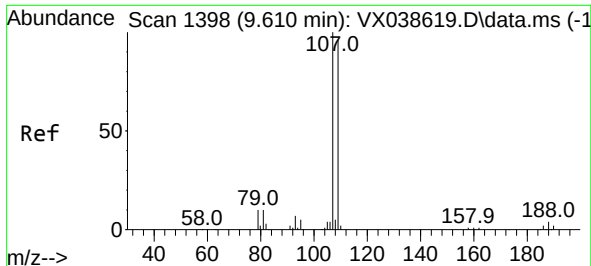
Tgt Ion:	43	Resp:	61013
Ion Ratio	100		
Lower	46.6		
Upper	69.8		
58	57.5		
57	20.4		
100	14.0		
	11.6		
	17.4		



#49
Dibromochloromethane
Concen: 8.838 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion:	129	Resp:	28568
Ion Ratio	100		
Lower	54.2		
Upper	100.6		
127	76.1		





#50

1,2-Dibromoethane

Concen: 9.427 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

ClientSampleId :

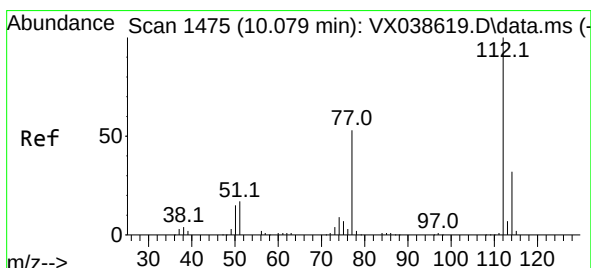
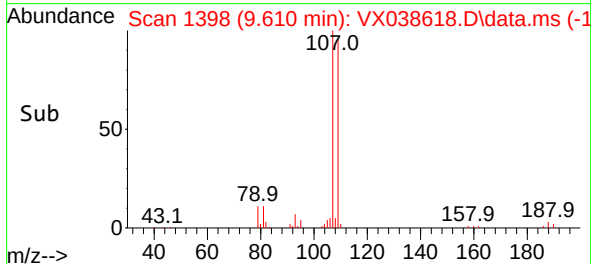
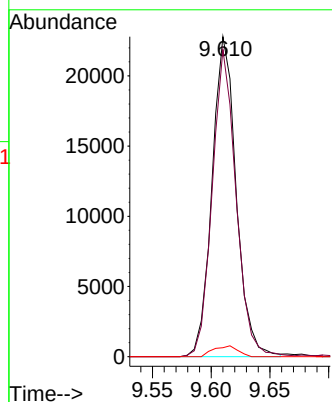
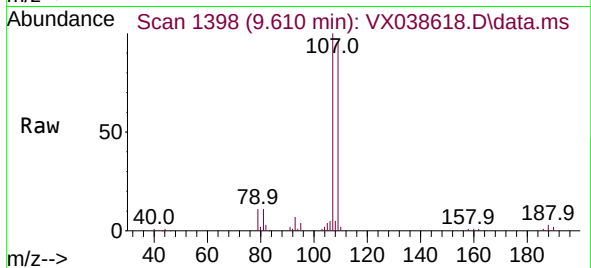
Tgt Ion:107 Resp: 32623

Ion Ratio Lower Upper

107 100

109 96.0 66.9 124.3

188 2.8 3.0 4.4#



#51

Chlorobenzene

Concen: 9.427 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

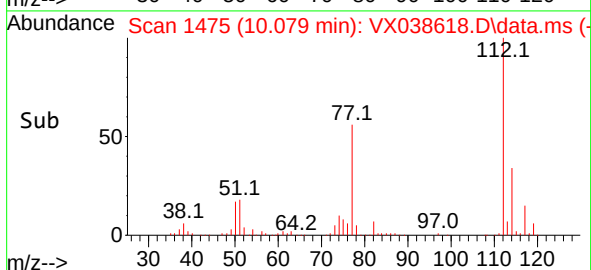
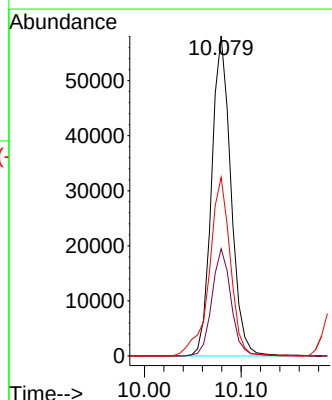
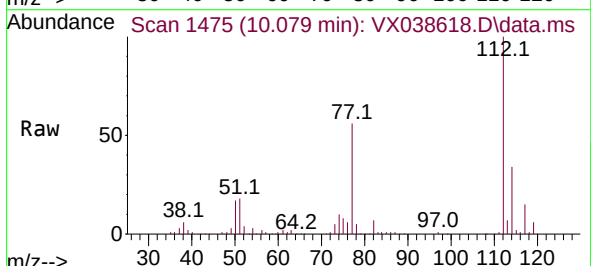
Tgt Ion:112 Resp: 80814

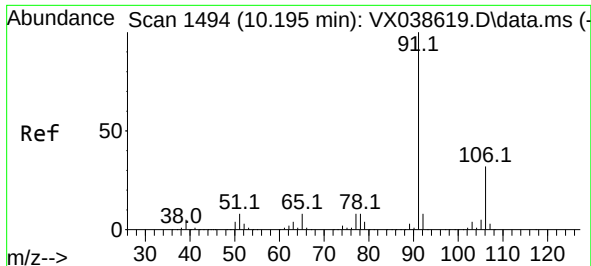
Ion Ratio Lower Upper

112 100

114 33.5 22.1 41.1

77 55.8 43.1 64.7

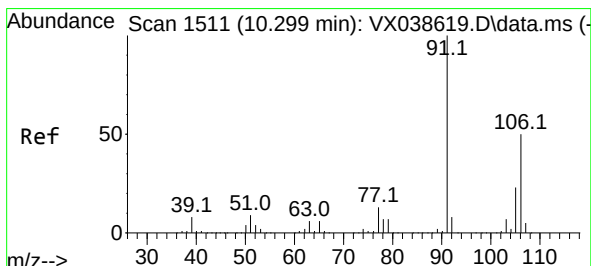
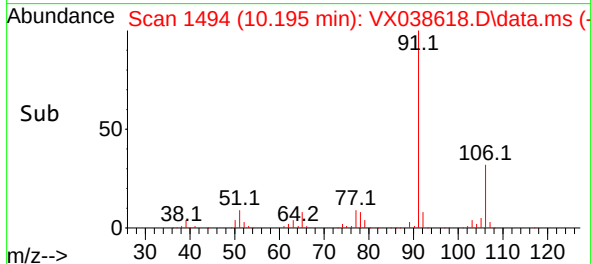
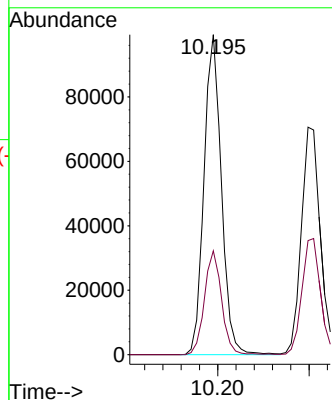
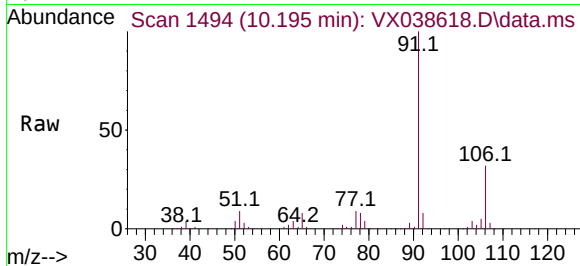




#52
Ethylbenzene
Concen: 9.010 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

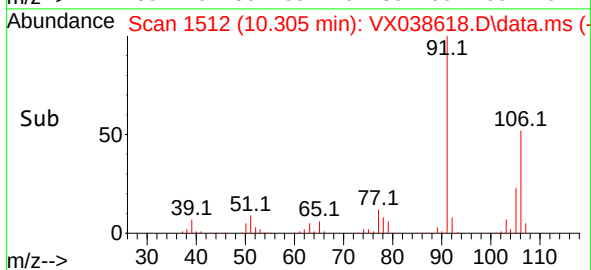
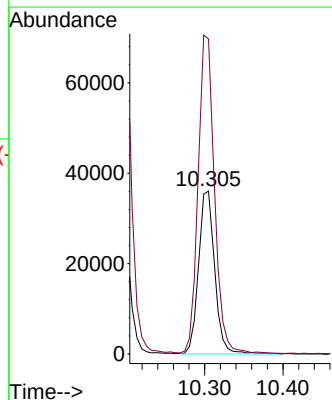
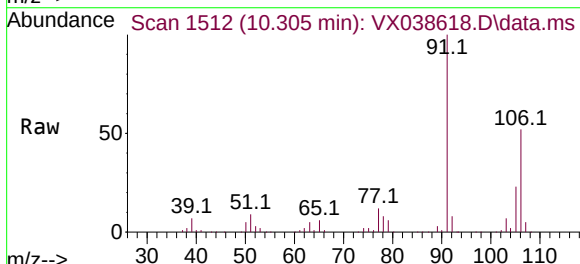
Instrument :
MSVOA_X
ClientSampleId :

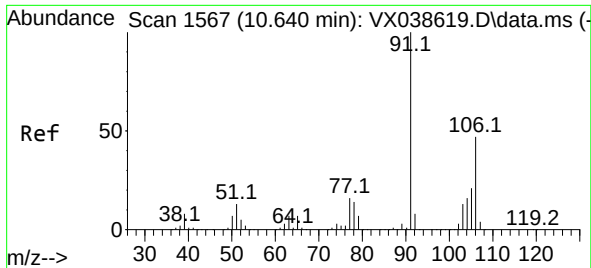
Tgt Ion: 91 Resp: 131045
Ion Ratio Lower Upper
91 100
106 32.4 22.7 42.1



#53
m,p-Xylene
Concen: 9.267 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion: 106 Resp: 51764
Ion Ratio Lower Upper
106 100
91 193.4 141.2 262.2

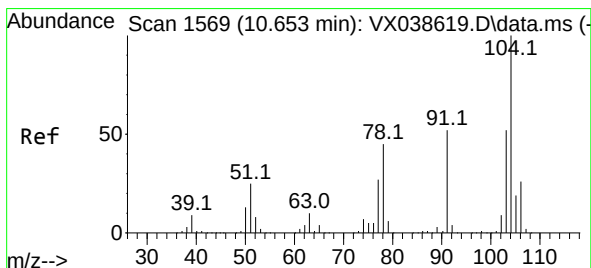
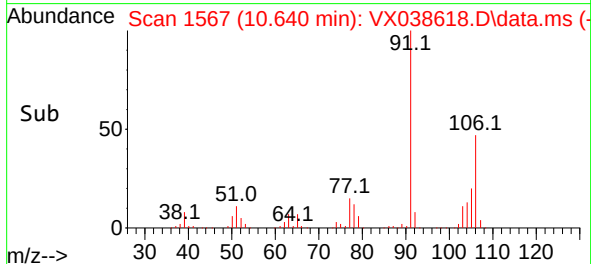
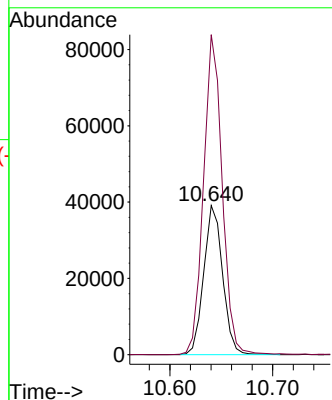
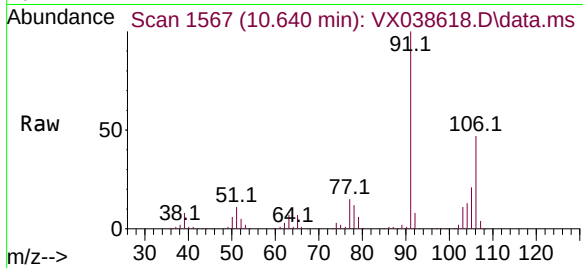




#54
o-Xylene
Concen: 9.122 ug/L
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

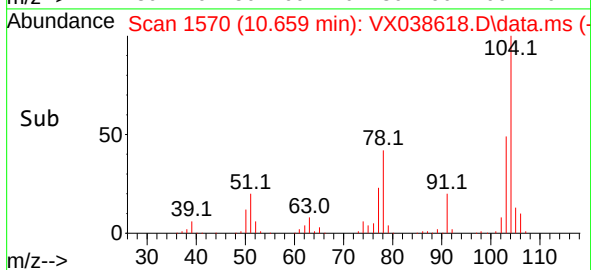
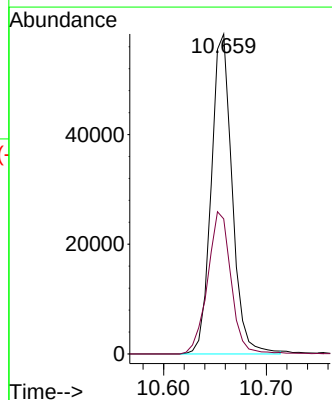
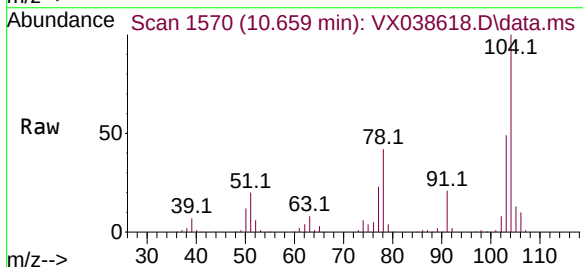
Instrument :
MSVOA_X
ClientSampleId :

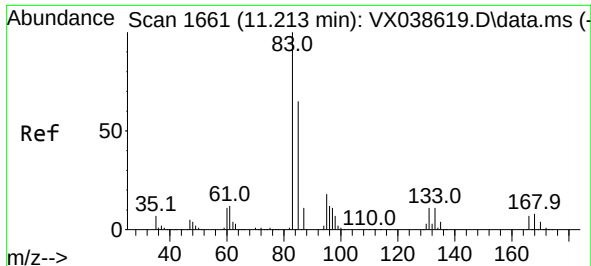
Tgt Ion:106 Resp: 50035
Ion Ratio Lower Upper
106 100
91 214.5 149.0 276.8



#55
Styrene
Concen: 8.956 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion:104 Resp: 82285
Ion Ratio Lower Upper
104 100
78 42.2 31.7 58.9

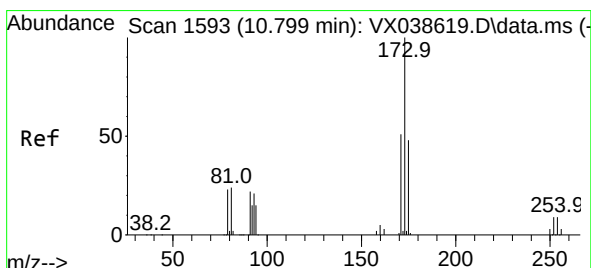
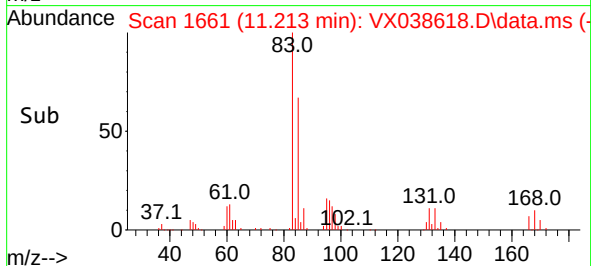
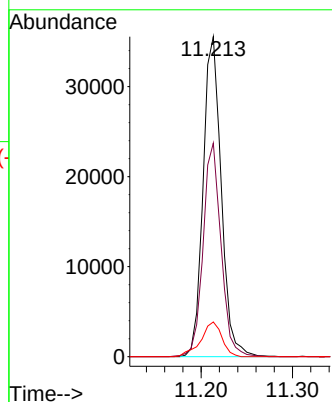
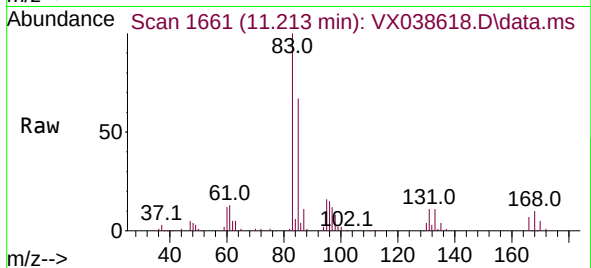




#57
1,1,2,2-Tetrachloroethane
Concen: 9.713 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

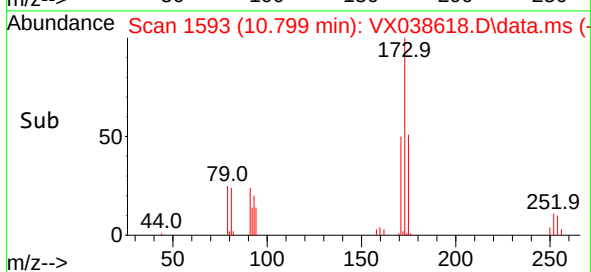
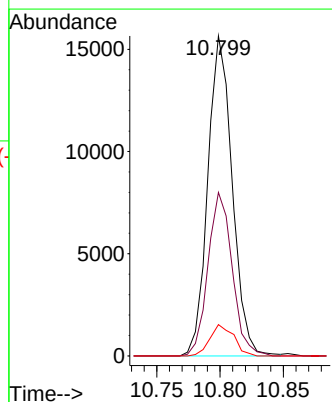
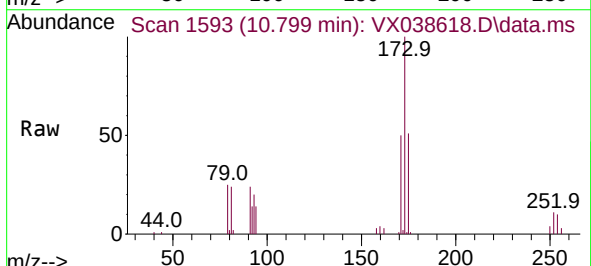
Instrument :
MSVOA_X
ClientSampleId :

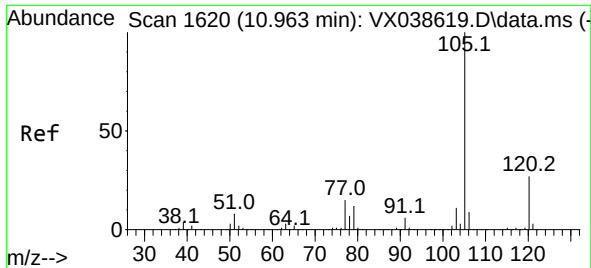
Tgt Ion: 83 Resp: 48873
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.4
131 10.9 8.8 13.2



#59
Bromoform
Concen: 8.274 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion: 173 Resp: 21040
Ion Ratio Lower Upper
173 100
175 50.6 39.0 58.6
254 9.6 7.6 11.4

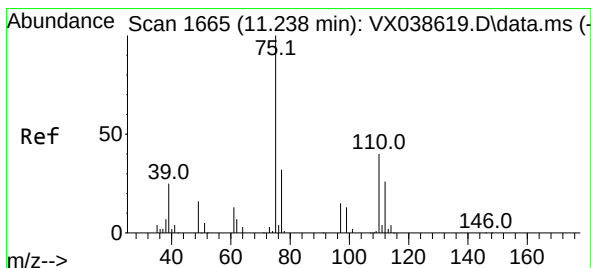
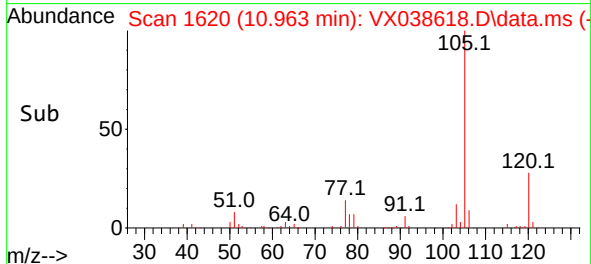
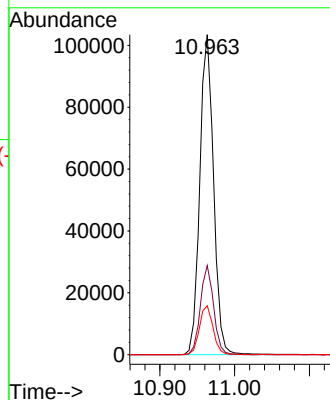
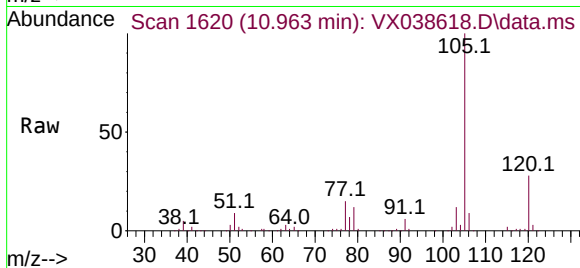




#60
Isopropylbenzene
Concen: 8.501 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

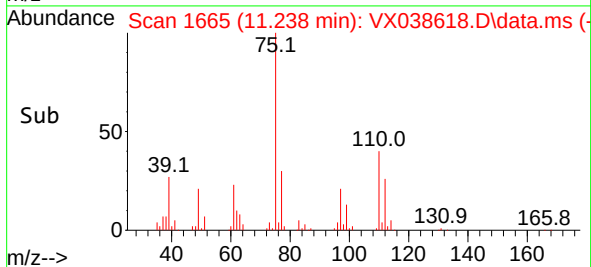
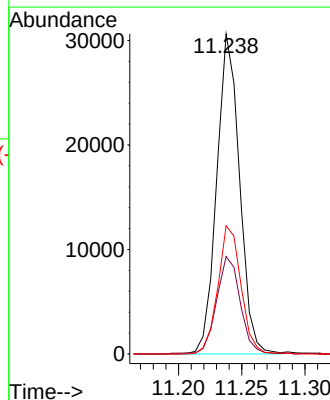
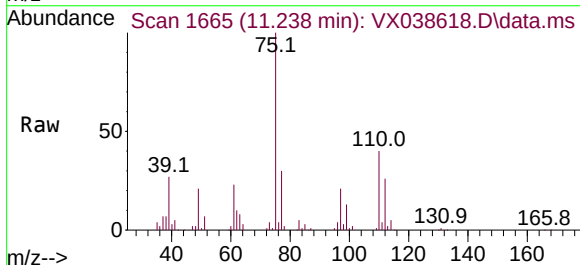
Instrument :
MSVOA_X
ClientSampleId :

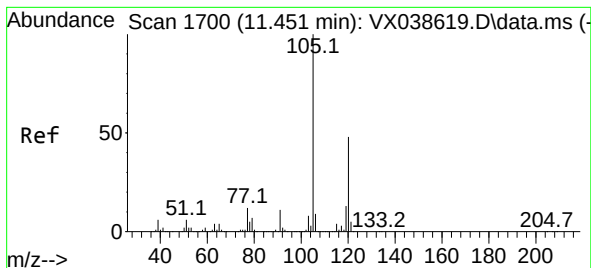
Tgt Ion:105 Resp: 132202
Ion Ratio Lower Upper
105 100
120 26.8 21.6 32.4
77 15.1 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 9.057 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion: 75 Resp: 38350
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
110 40.4 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 8.263 ug/L

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

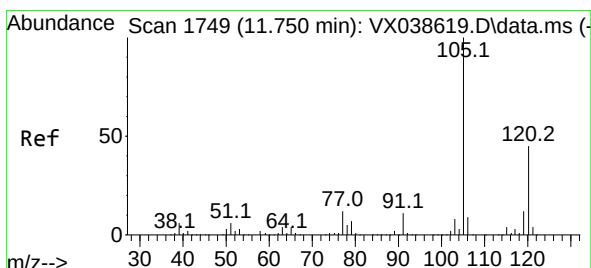
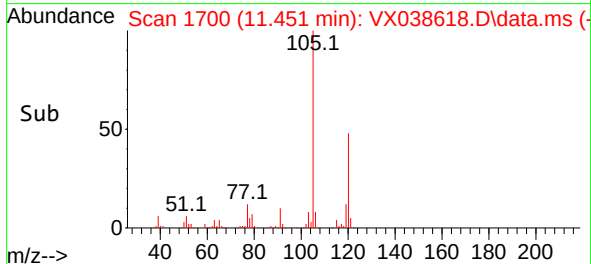
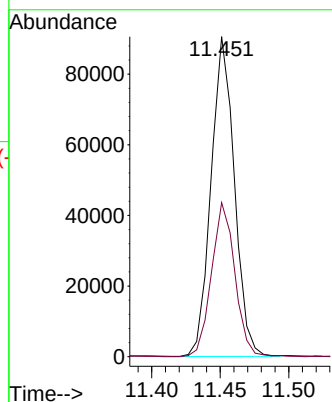
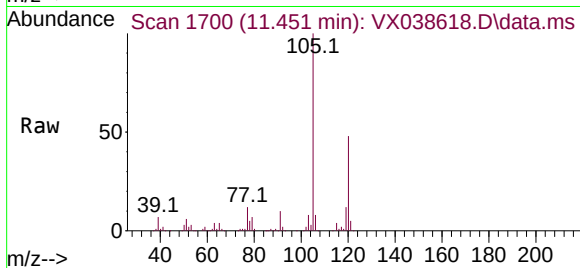
ClientSampleId :

Tgt Ion:105 Resp: 107112

Ion Ratio Lower Upper

105 100

120 48.3 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 8.267 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038618.D

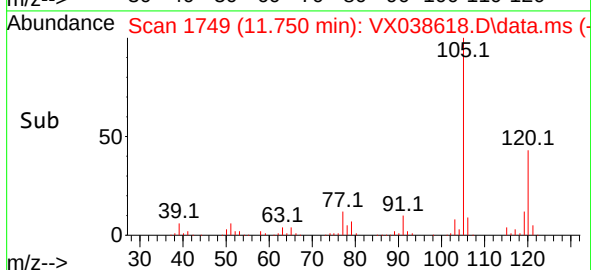
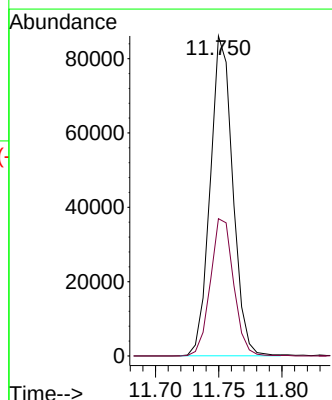
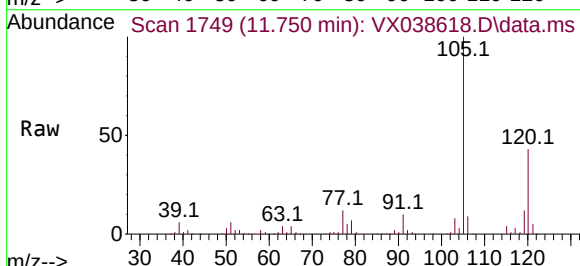
Acq: 27 Oct 2023 22:23

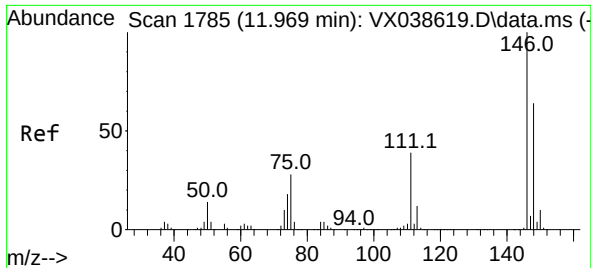
Tgt Ion:105 Resp: 106566

Ion Ratio Lower Upper

105 100

120 44.3 36.6 54.8

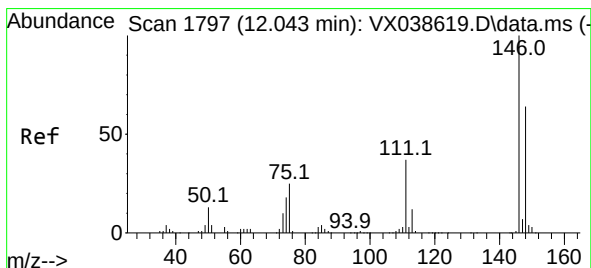
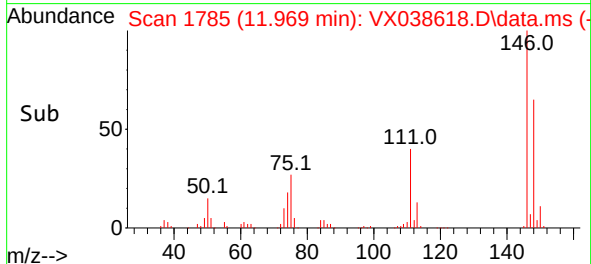
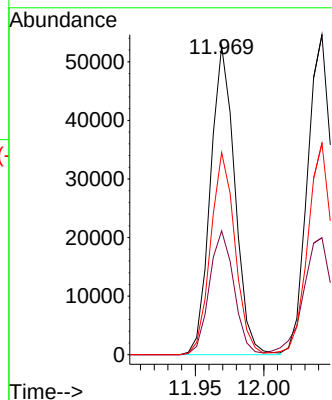
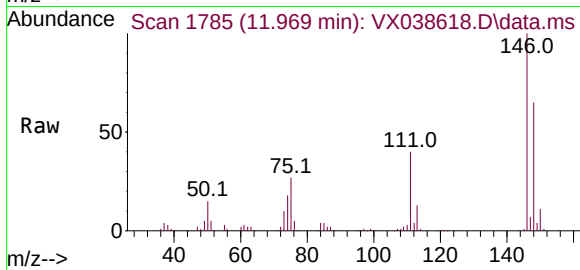




#64
1,3-Dichlorobenzene
Concen: 9.293 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

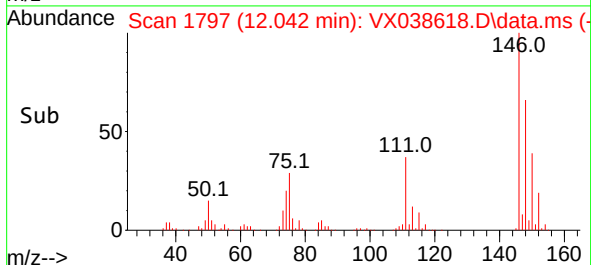
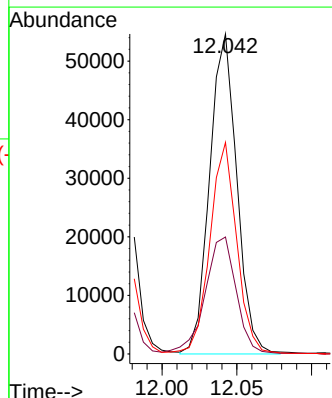
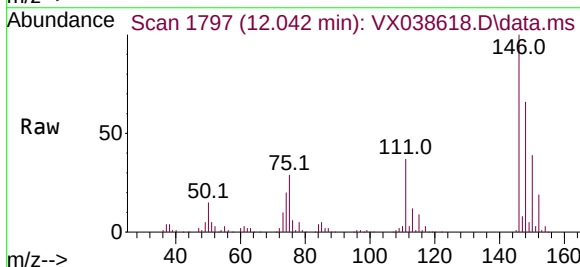
Instrument :
MSVOA_X
ClientSampleId :

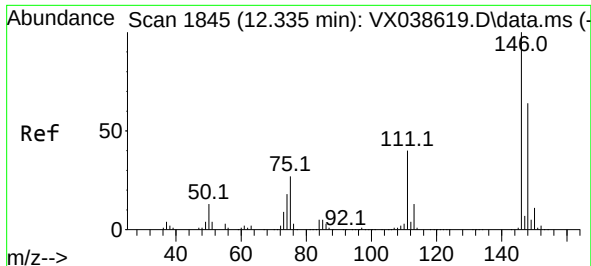
Tgt Ion:146 Resp: 65310
Ion Ratio Lower Upper
146 100
111 40.1 27.0 50.2
148 65.5 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 9.739 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX038618.D
Acq: 27 Oct 2023 22:23

Tgt Ion:146 Resp: 69288
Ion Ratio Lower Upper
146 100
111 36.6 26.0 48.2
148 66.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 9.504 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

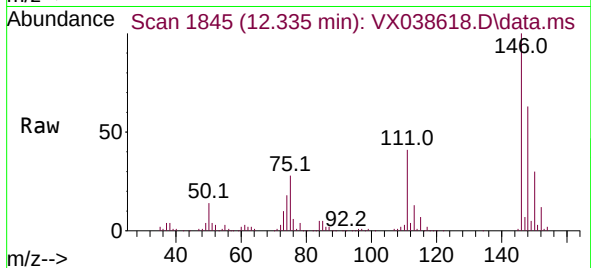
Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

ClientSampleId :



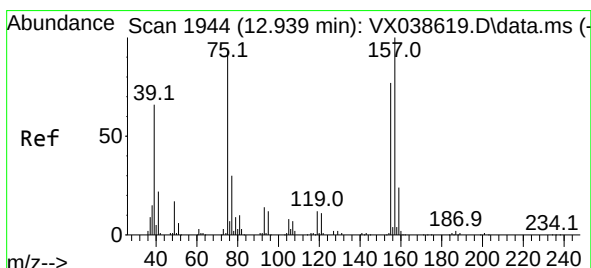
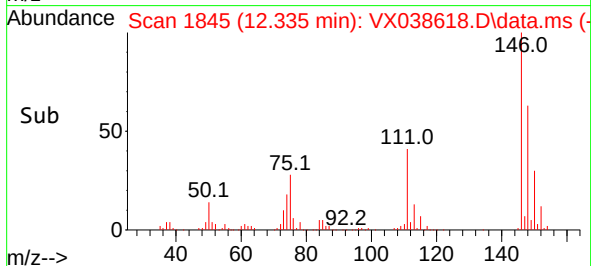
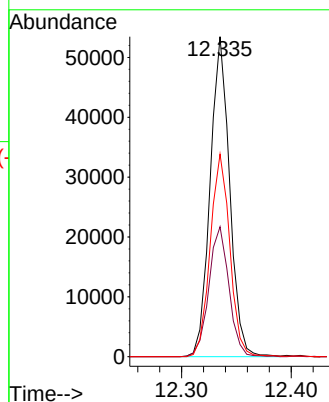
Tgt Ion:146 Resp: 65960

Ion Ratio Lower Upper

146 100

111 40.6 32.2 48.2

148 63.3 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 8.771 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

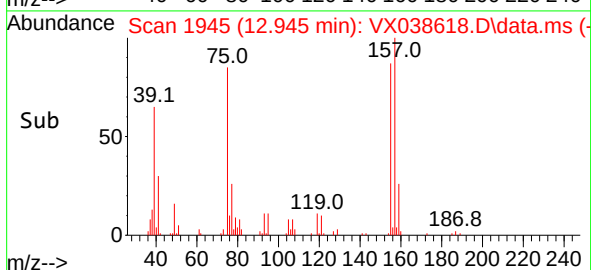
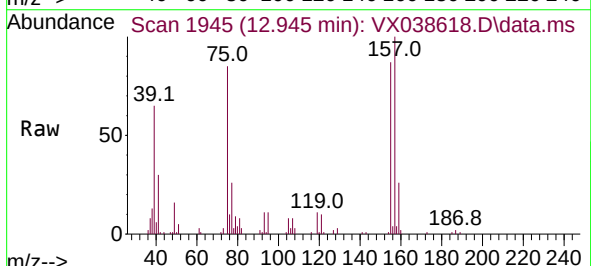
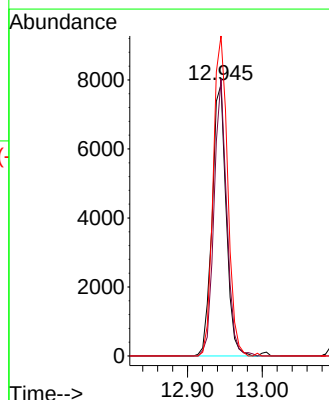
Tgt Ion: 75 Resp: 10320

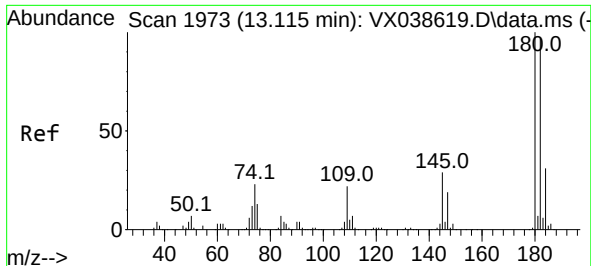
Ion Ratio Lower Upper

75 100

155 102.1 66.6 99.8#

157 117.9 85.9 128.9





#69

1,3,5-Trichlorobenzene

Concen: 9.827 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

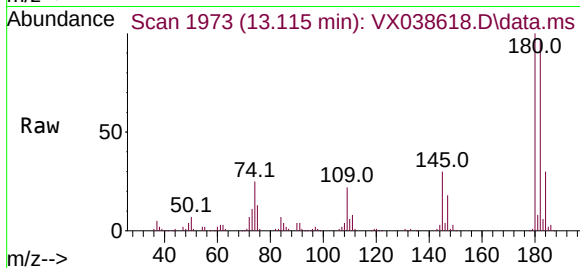
Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 46960

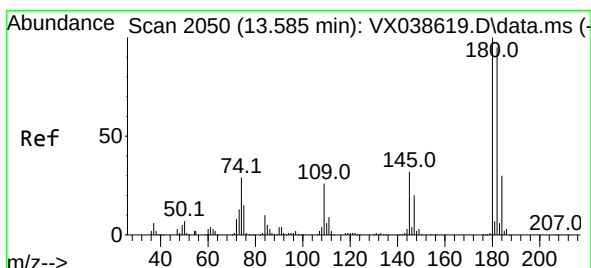
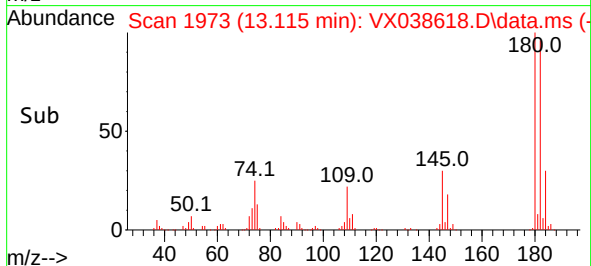
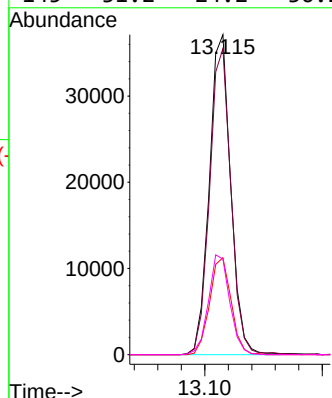
Ion Ratio Lower Upper

180 100

182 94.8 76.9 115.3

184 30.4 24.5 36.7

145 31.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 9.749 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

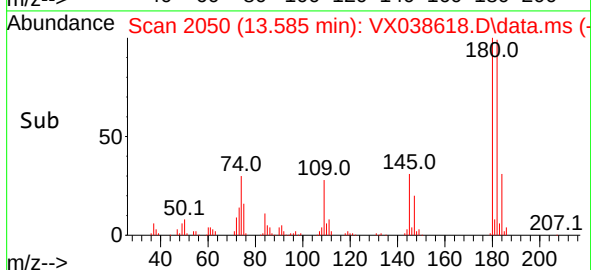
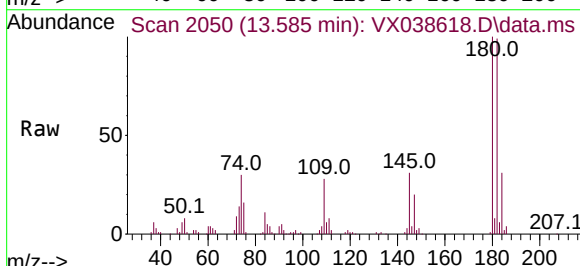
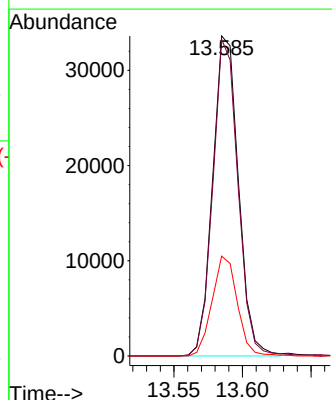
Tgt Ion:180 Resp: 43950

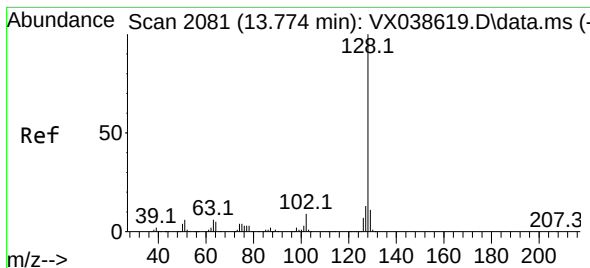
Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

145 30.5 24.5 36.7





#71

Naphthalene

Concen: 8.781 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Instrument :

MSVOA_X

ClientSampleId :

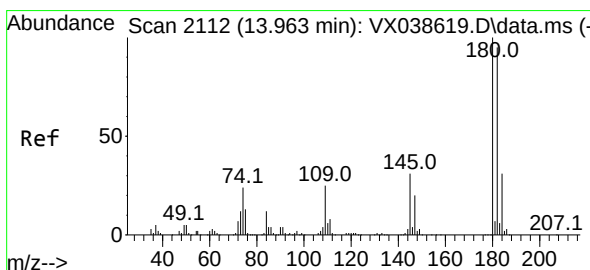
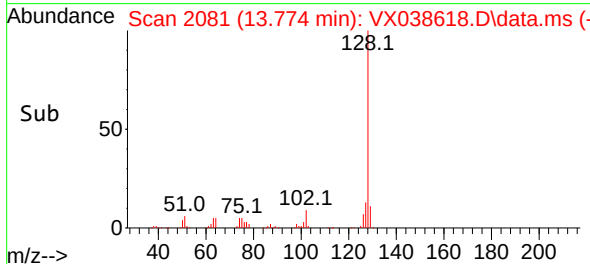
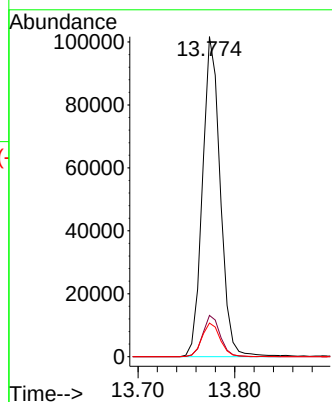
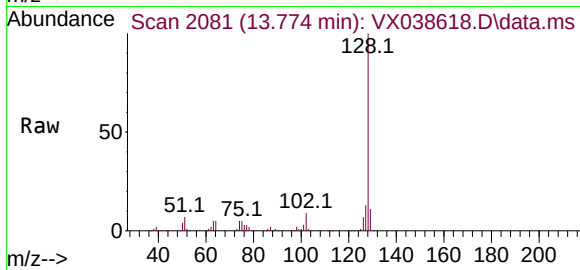
Tgt Ion:128 Resp: 130150

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 9.774 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038618.D

Acq: 27 Oct 2023 22:23

Tgt Ion:180 Resp: 42962

Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.4

145 33.3 25.8 38.6

