

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039384.D
 Acq On : 20 Dec 2023 01:49
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 02:23:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	200853	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	188531	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	94166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	78084	49.565	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.140%		
7) Chloroethane-d5	1.666	69	57336	49.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.480%		
11) 1,1-Dichloroethene-d2	2.306	65	37183	53.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.540%		
21) 2-Butanone-d5	4.446	46	145289	101.883	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.880%		
24) Chloroform-d	5.062	84	150327	53.904	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.800%		
26) 1,2-Dichloroethane-d4	5.952	65	102250	56.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.220%		
32) Benzene-d6	5.976	84	297051	51.053	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.100%		
36) 1,2-Dichloropropane-d6	7.305	67	95837	51.182	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.360%		
41) Toluene-d8	8.647	98	268272	50.878	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.760%		
43) trans-1,3-Dichloroprop...	8.951	79	44894	47.114	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.220%		
47) 2-Hexanone-d5	9.384	63	108590	97.096	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.100%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	136244	51.291	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.580%		
66) 1,2-Dichlorobenzene-d4	12.317	152	89558	50.316	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	81316	50.766	ug/L	99
3) Chloromethane	1.294	50	84576	50.518	ug/L	99
5) Vinyl chloride	1.373	62	79579	48.228	ug/L	99
6) Bromomethane	1.605	94	48077	53.981	ug/L	99
8) Chloroethane	1.690	64	47134	50.527	ug/L	98
9) Trichlorofluoromethane	1.892	101	111501	52.140	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	71449	51.941	ug/L	98
12) 1,1-Dichloroethene	2.318	96	67235	51.962	ug/L	95
13) Acetone	2.373	43	106077	77.431	ug/L	95
14) Carbon disulfide	2.513	76	185828	45.132	ug/L	99
15) Methyl Acetate	2.702	43	106896	54.591	ug/L	98
16) Methylene chloride	2.788	84	78485	52.794	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	68403	50.174	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	253741	53.470	ug/L	97
19) 1,1-Dichloroethane	3.611	63	143920	53.389	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	81680	51.654	ug/L	95
22) 2-Butanone	4.550	43	157266	93.540	ug/L	100
23) Bromochloromethane	4.897	128	38157	51.332	ug/L	97
25) Chloroform	5.092	83	146735	54.574	ug/L	100

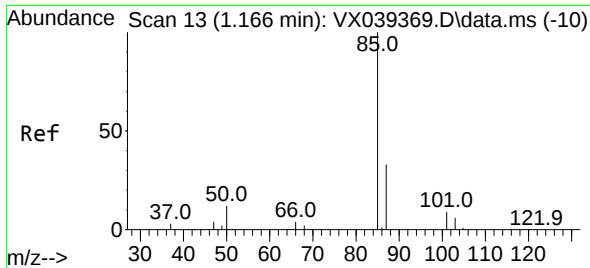
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 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	123319	58.111	ug/L #	95
29) Cyclohexane	5.470	56	127059	48.177	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	119486	52.235	ug/L	97
31) Carbon tetrachloride	5.678	117	95527	50.054	ug/L	98
33) Benzene	6.037	78	305767	51.035	ug/L	100
34) Trichloroethene	7.122	95	82409	52.047	ug/L	93
35) Methylcyclohexane	7.378	83	125220	47.485	ug/L	97
37) 1,2-Dichloropropane	7.427	63	86667	52.158	ug/L	99
38) Bromodichloromethane	7.823	83	104101	51.509	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	126456	47.716	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	296965	106.636	ug/L	98
42) Toluene	8.714	91	320372	50.425	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	122151	49.668	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	79430	52.162	ug/L	98
46) Tetrachloroethene	9.274	164	51801	49.594	ug/L	97
48) 2-Hexanone	9.427	43	236865	101.623	ug/L	97
49) Dibromochloromethane	9.518	129	73431	49.499	ug/L	100
50) 1,2-Dibromoethane	9.610	107	86046	52.744	ug/L	100
51) Chlorobenzene	10.079	112	199961	50.953	ug/L	96
52) Ethylbenzene	10.195	91	368264	51.848	ug/L	100
53) m,p-Xylene	10.299	106	134644	50.701	ug/L	97
54) o-Xylene	10.640	106	129904	50.978	ug/L	95
55) Styrene	10.652	104	224121	51.403	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	139161	52.365	ug/L	99
59) Bromoform	10.799	173	50058	45.232	ug/L	100
60) Isopropylbenzene	10.963	105	355314	51.638	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	111599	54.101	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	302555	52.083	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	298821	52.460	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	148344	50.370	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	153122	51.308	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	142128	50.450	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.938	75	34197	53.118	ug/L	87
69) 1,3,5-Trichlorobenzene	13.109	180	96729	49.664	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	90673	49.383	ug/L	99
71) Naphthalene	13.774	128	316582	50.275	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	88165	49.591	ug/L	99

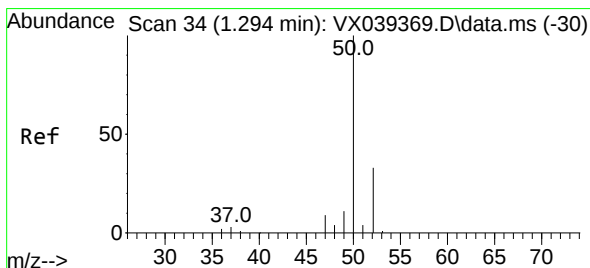
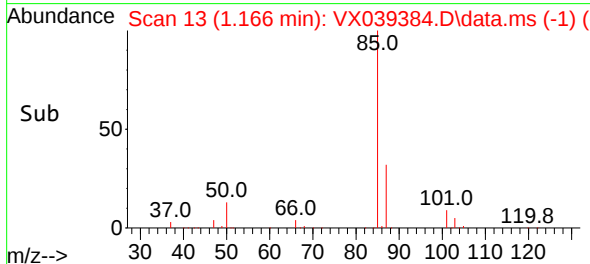
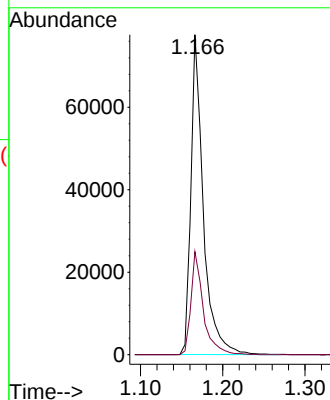
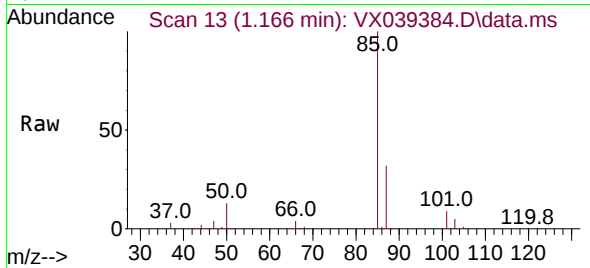
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#2
 Dichlorodifluoromethane
 Concen: 50.766 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039384.D
 Acq: 20 Dec 2023 01:49

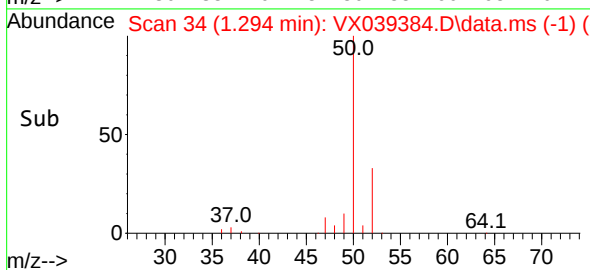
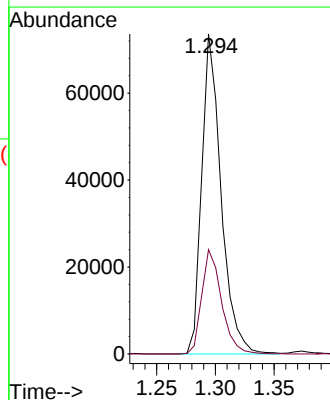
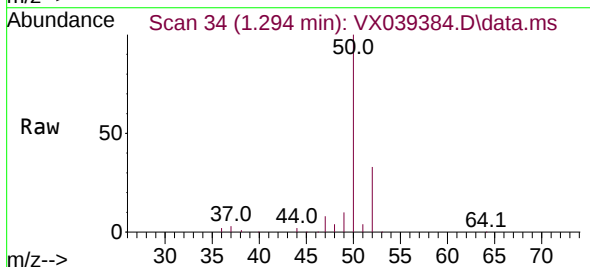
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 MSVOA_X
 ClientSampleId :

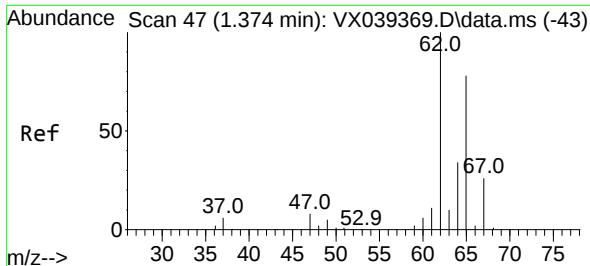
Tgt Ion: 85 Resp: 81316
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.4



#3
 Chloromethane
 Concen: 50.518 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039384.D
 Acq: 20 Dec 2023 01:49

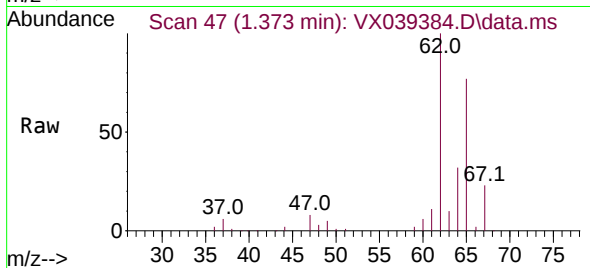
Tgt Ion: 50 Resp: 84576
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.4 41.6



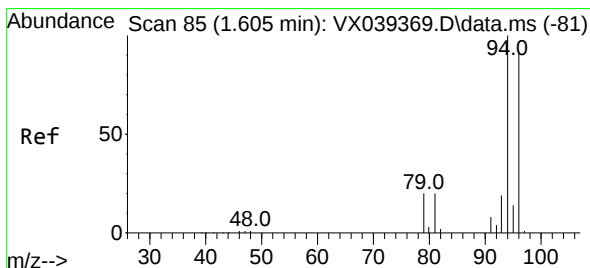
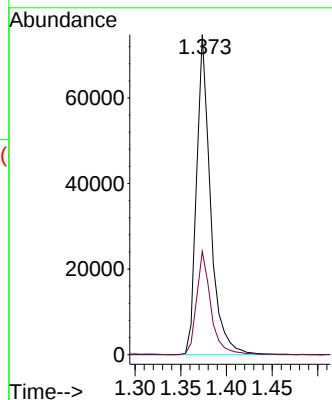
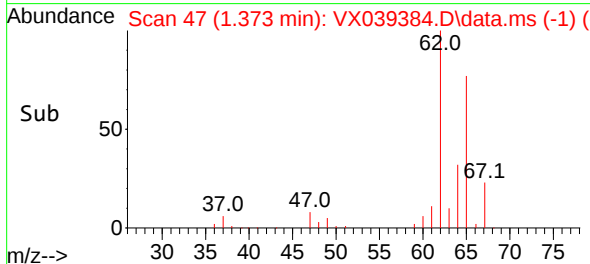


#5
 Vinyl chloride
 Concen: 48.228 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039384.D
 Acq: 20 Dec 2023 01:49

Instrument :
 MSVOA_X
 ClientSampleId :

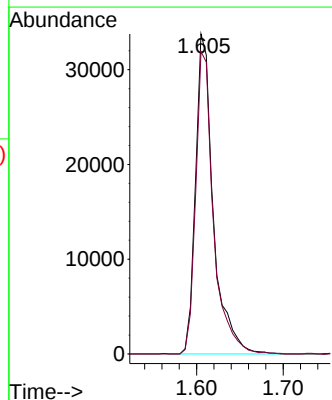
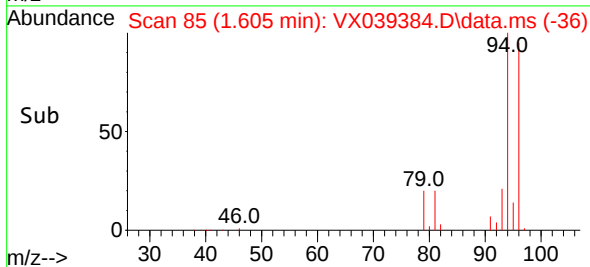
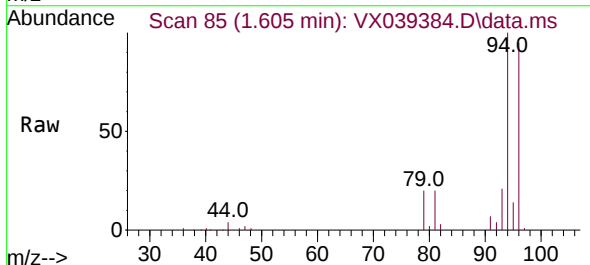


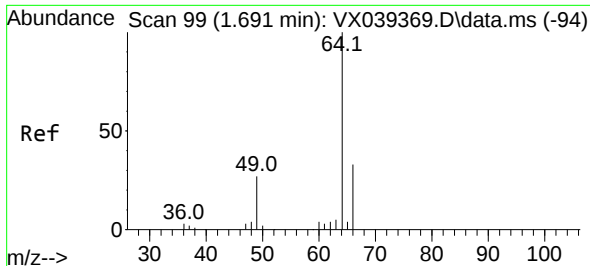
Tgt Ion: 62 Resp: 79579
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.3 41.3



#6
 Bromomethane
 Concen: 53.981 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX039384.D
 Acq: 20 Dec 2023 01:49

Tgt Ion: 94 Resp: 48077
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.8 122.2

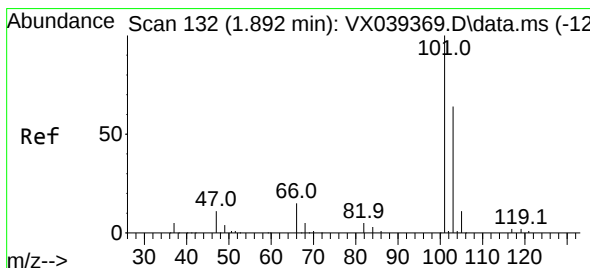
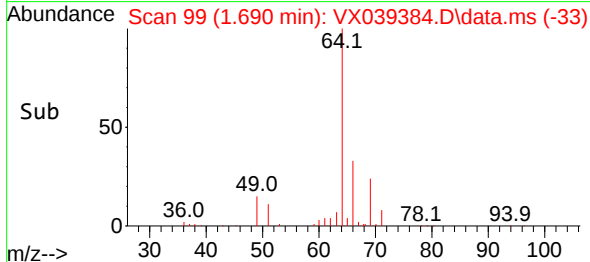
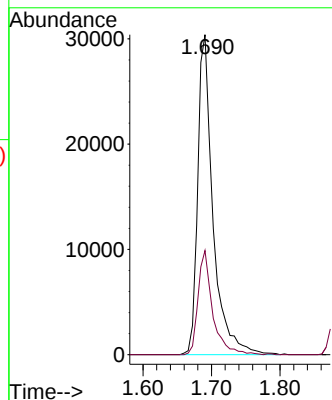
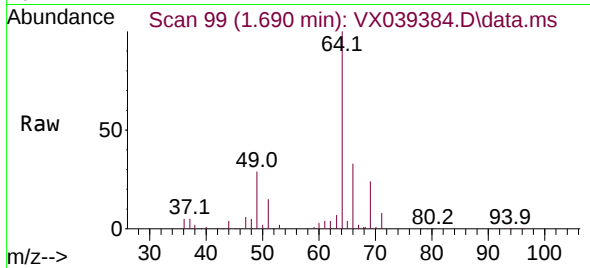




#8
Chloroethane
Concen: 50.527 ug/L
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

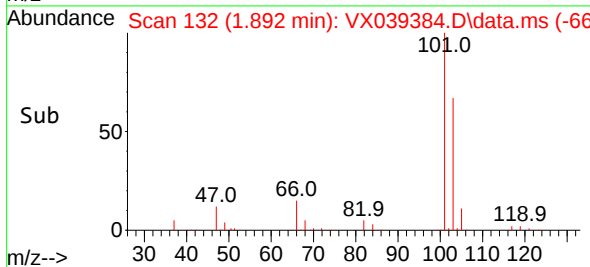
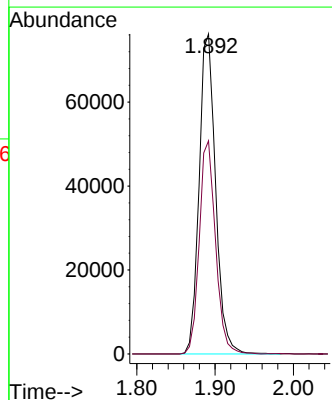
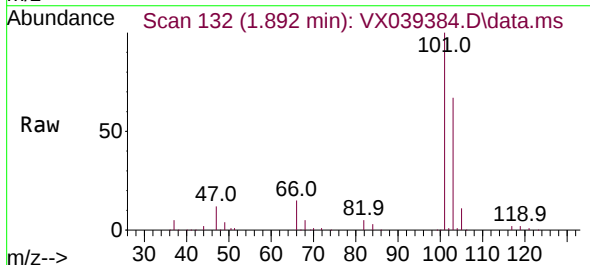
Instrument :
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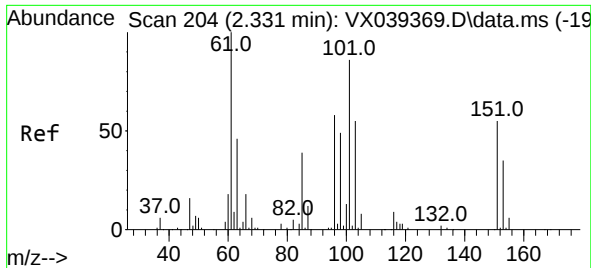
Tgt Ion: 64 Resp: 47134
Ion Ratio Lower Upper
64 100
66 32.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 52.140 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Tgt Ion: 101 Resp: 111501
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2

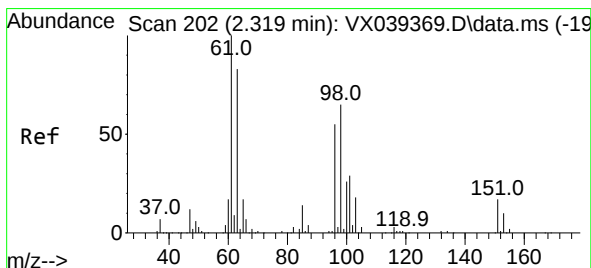
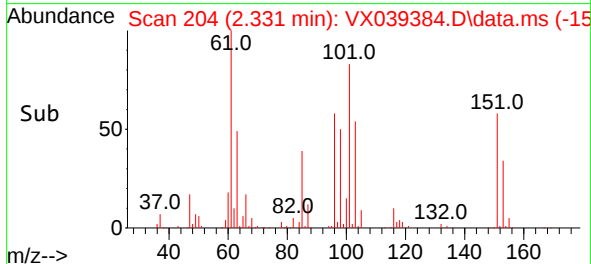
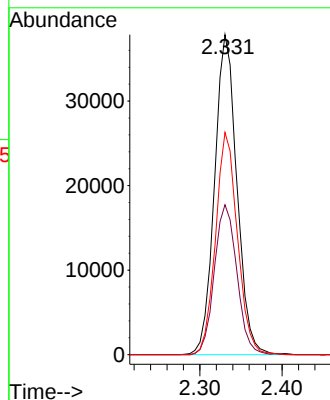
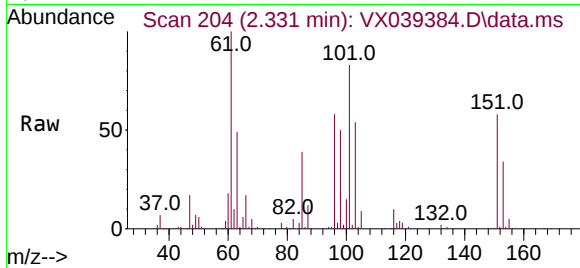




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.941 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX039384.D
 Acq: 20 Dec 2023 01:49

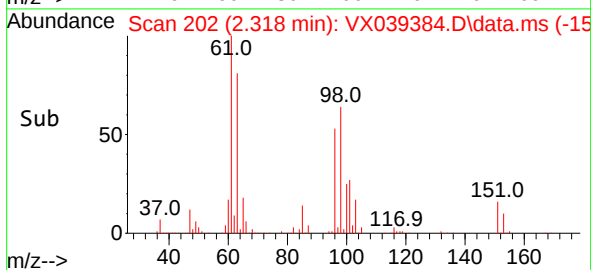
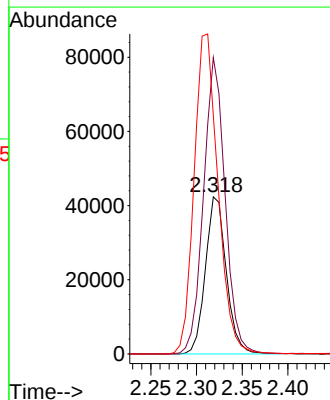
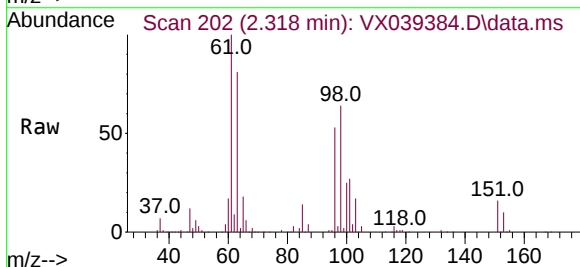
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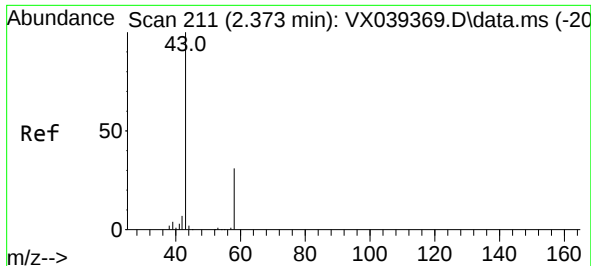
Tgt Ion:101 Resp: 71449
 Ion Ratio Lower Upper
 101 100
 85 47.2 35.8 53.6
 151 68.0 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 51.962 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039384.D
 Acq: 20 Dec 2023 01:49

Tgt Ion: 96 Resp: 67235
 Ion Ratio Lower Upper
 96 100
 61 188.7 128.0 237.6
 63 151.9 101.5 188.5





#13

Acetone

Concen: 77.431 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

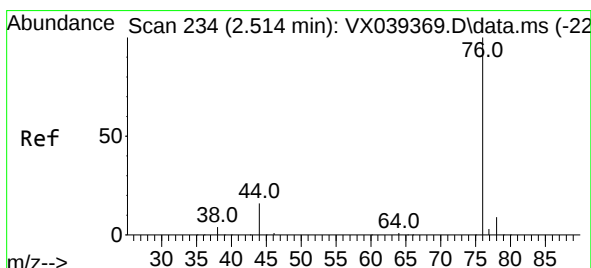
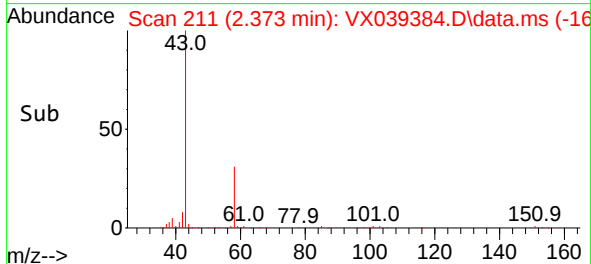
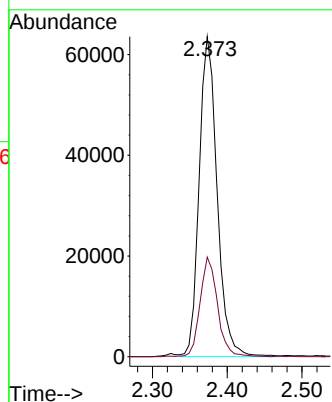
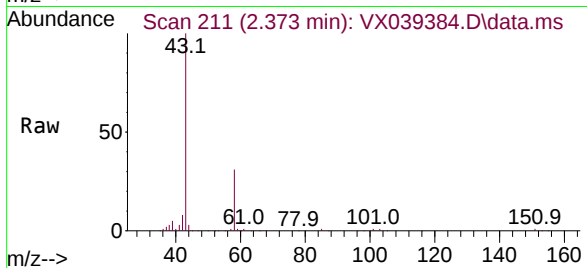
ClientSampleId :

Tgt Ion: 43 Resp: 106077

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.8



#14

Carbon disulfide

Concen: 45.132 ug/L

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039384.D

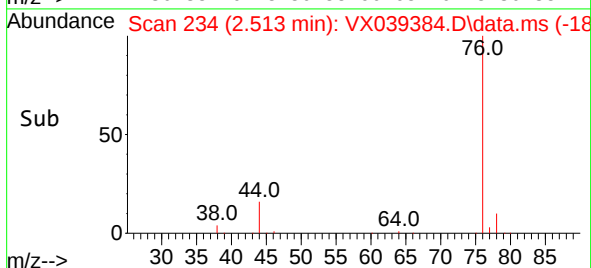
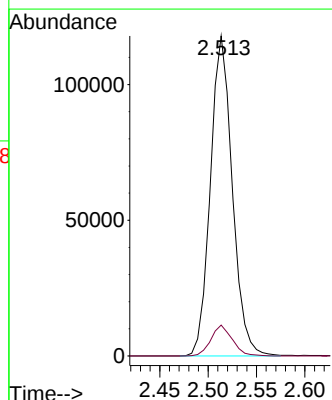
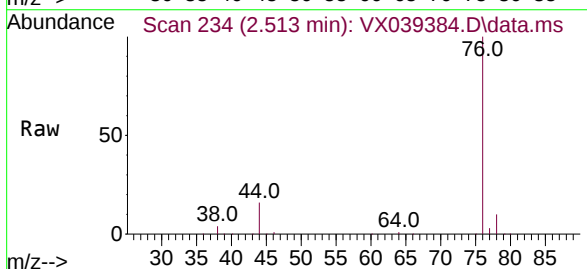
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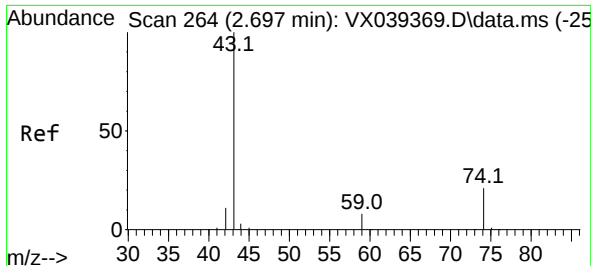
Tgt Ion: 76 Resp: 185828

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2





#15

Methyl Acetate

Concen: 54.591 ug/L

RT: 2.702 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

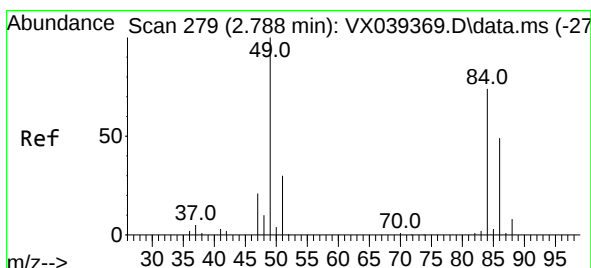
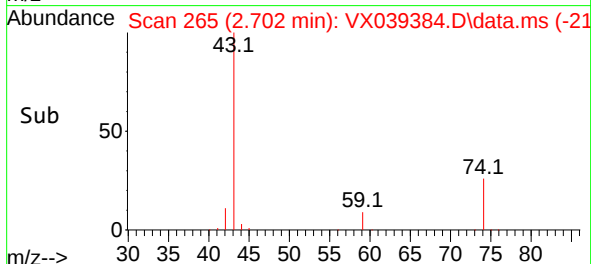
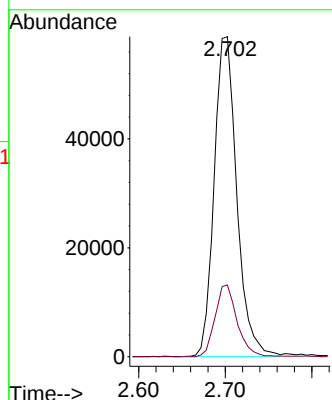
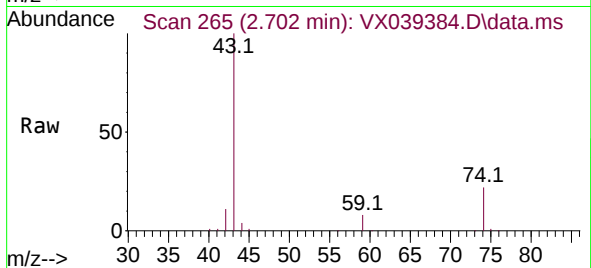
ClientSampleId :

Tgt Ion: 43 Resp: 106896

Ion Ratio Lower Upper

43 100

74 21.8 18.2 27.4



#16

Methylene chloride

Concen: 52.794 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

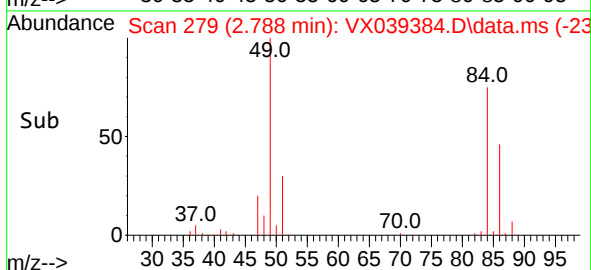
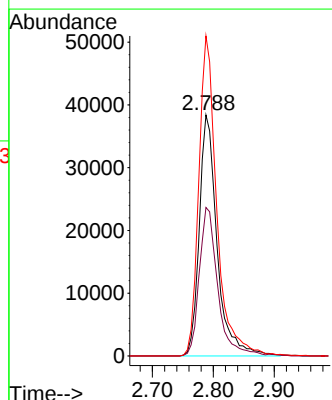
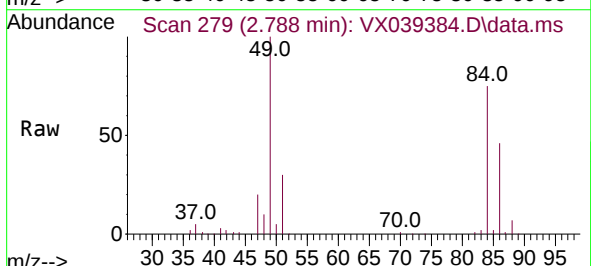
Tgt Ion: 84 Resp: 78485

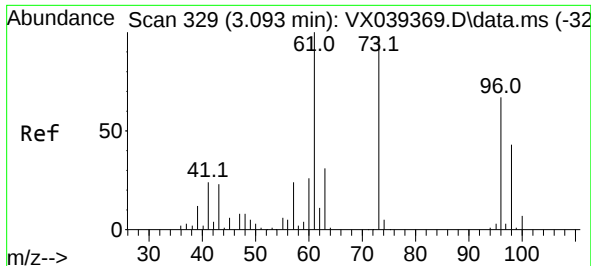
Ion Ratio Lower Upper

84 100

86 61.6 44.7 82.9

49 132.8 90.9 168.7





#17

trans-1,2-Dichloroethene

Concen: 50.174 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

ClientSampleId :

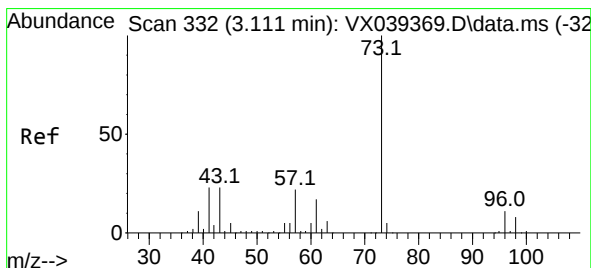
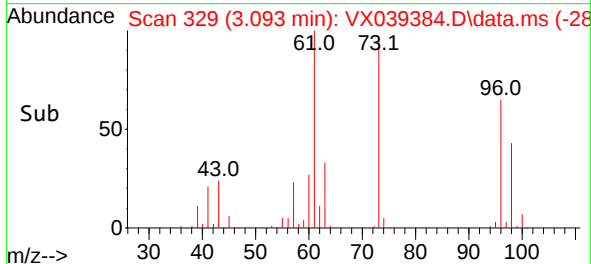
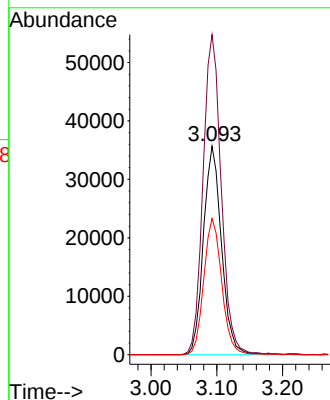
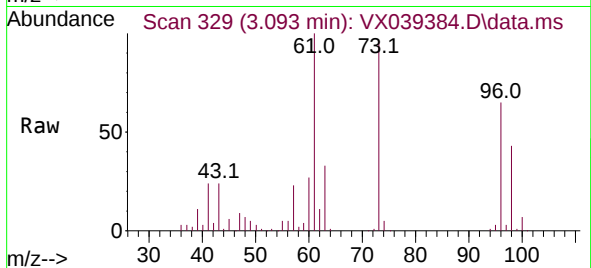
Tgt Ion: 96 Resp: 68403

Ion Ratio Lower Upper

96 100

61 153.4 99.8 185.3

98 65.3 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 53.470 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

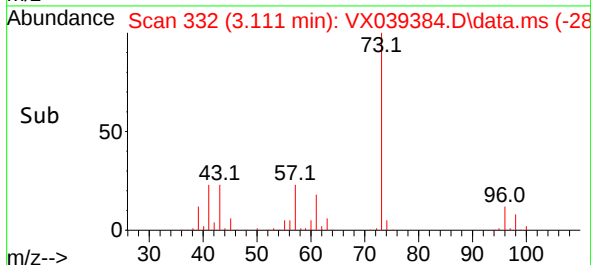
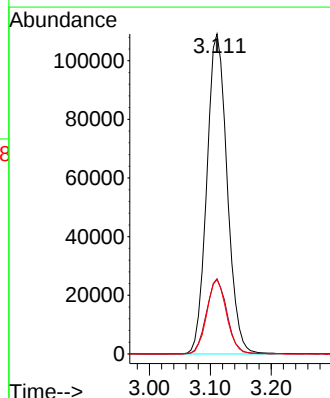
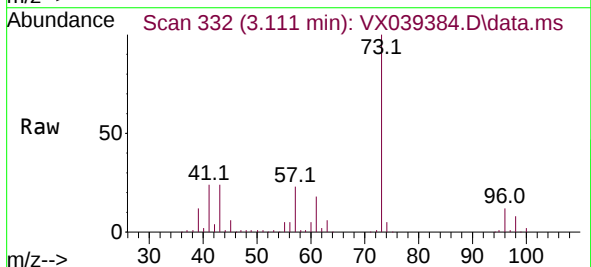
Tgt Ion: 73 Resp: 253741

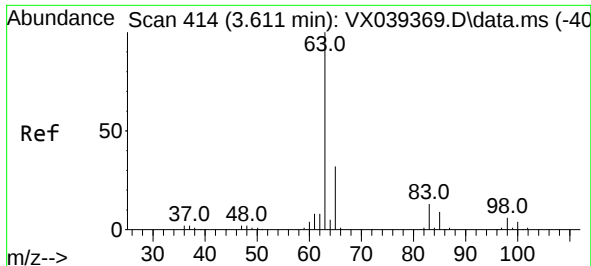
Ion Ratio Lower Upper

73 100

43 23.4 16.9 25.3

57 22.5 18.5 27.7





#19

1,1-Dichloroethane

Concen: 53.389 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

ClientSampleId :

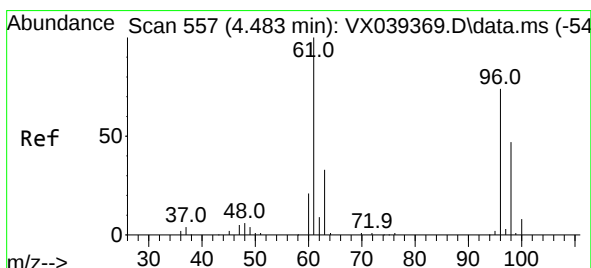
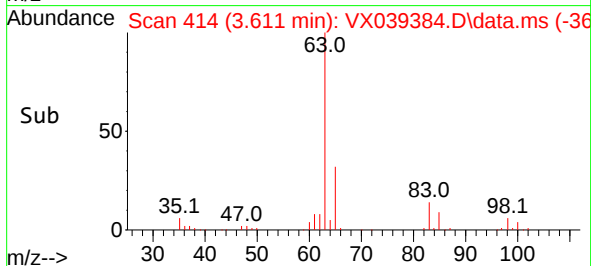
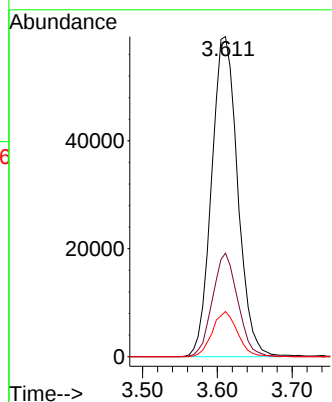
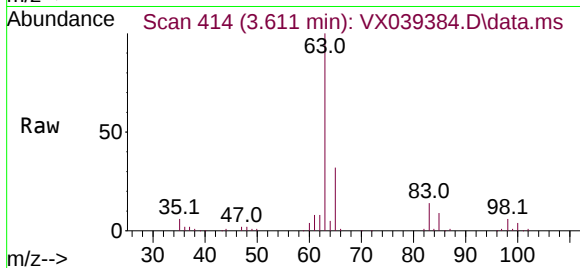
Tgt Ion: 63 Resp: 143920

Ion Ratio Lower Upper

63 100

65 32.4 21.1 39.3

83 14.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 51.654 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

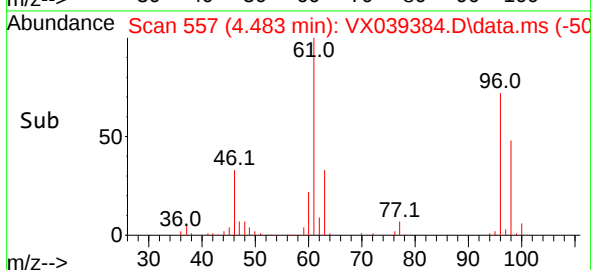
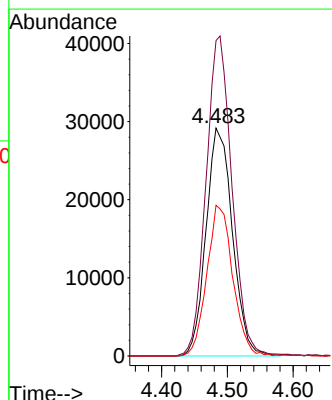
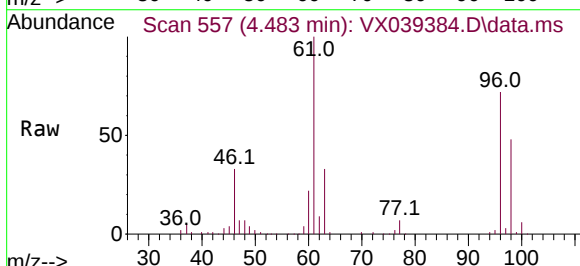
Tgt Ion: 96 Resp: 81680

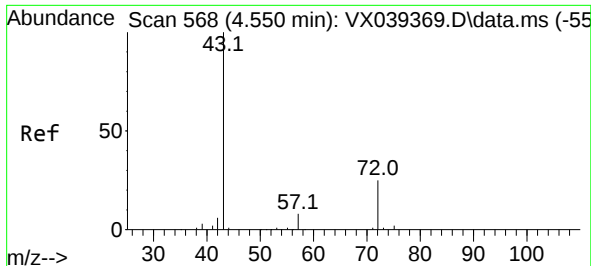
Ion Ratio Lower Upper

96 100

61 138.4 91.7 170.3

98 66.1 44.2 82.2

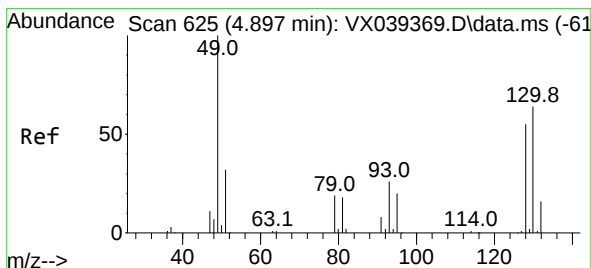
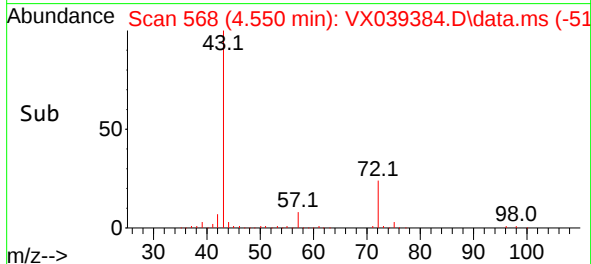
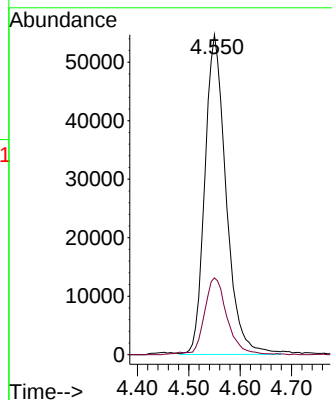
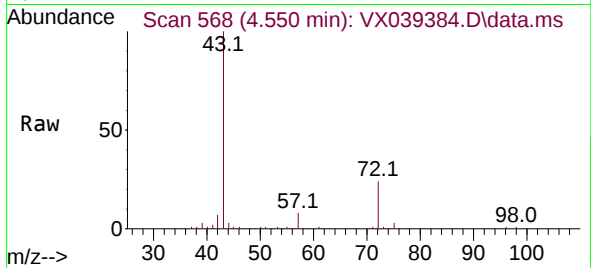




#22
2-Butanone
Concen: 93.540 ug/L
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

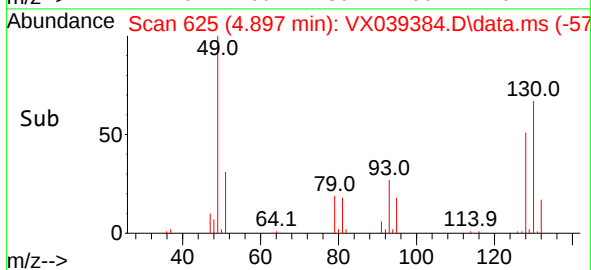
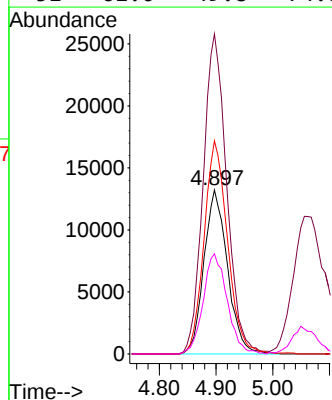
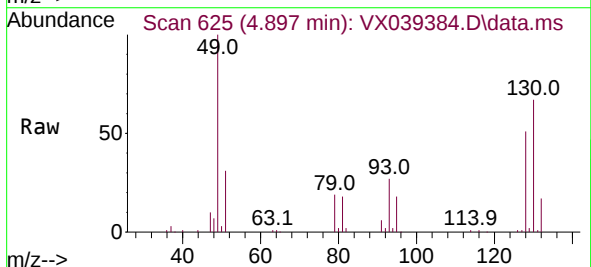
Instrument :
MSVOA_X
ClientSampleId :

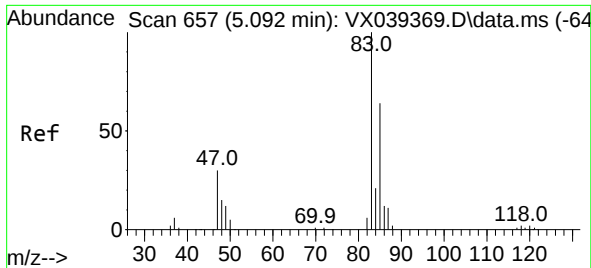
Tgt Ion: 43 Resp: 157266
Ion Ratio Lower Upper
43 100
72 25.2 12.6 37.6



#23
Bromochloromethane
Concen: 51.332 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Tgt Ion:128 Resp: 38157
Ion Ratio Lower Upper
128 100
49 195.1 130.8 243.0
130 130.0 90.6 168.3
51 61.0 49.8 74.8

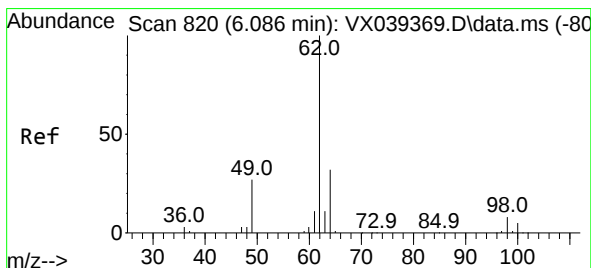
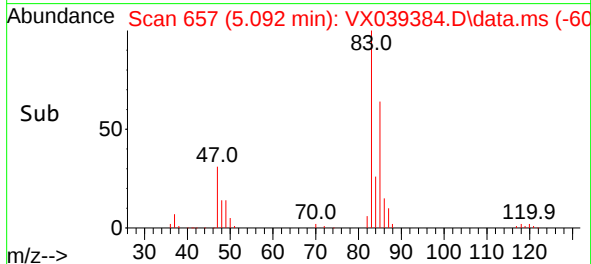
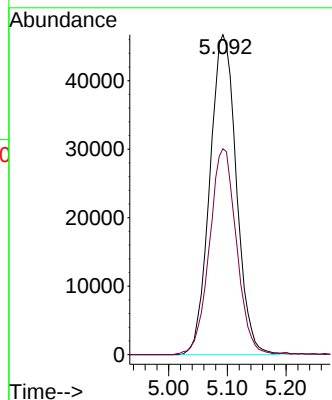
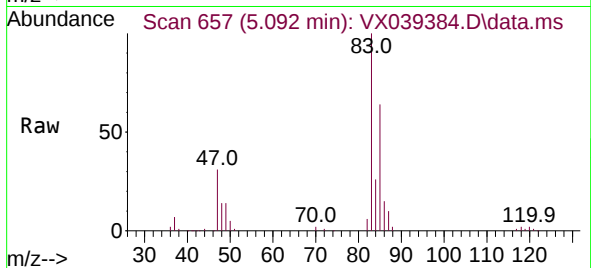




#25
Chloroform
Concen: 54.574 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

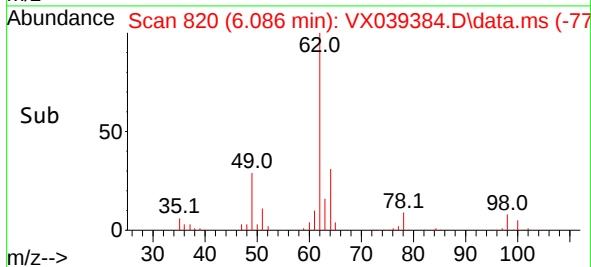
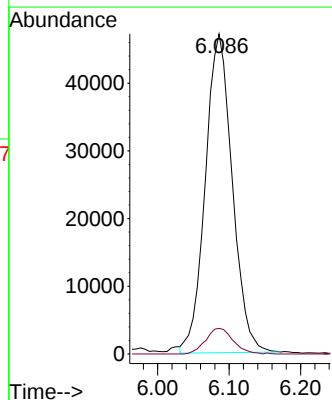
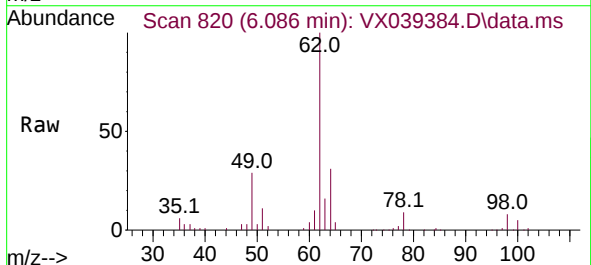
Instrument :
MSVOA_X
ClientSampleId :

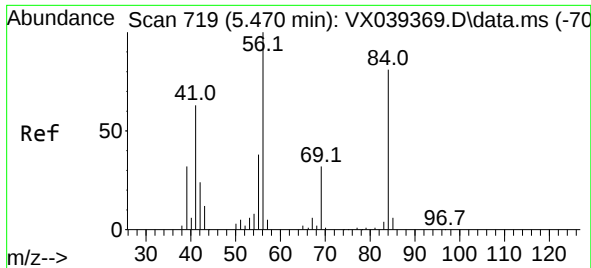
Tgt Ion: 83 Resp: 146735
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 58.111 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

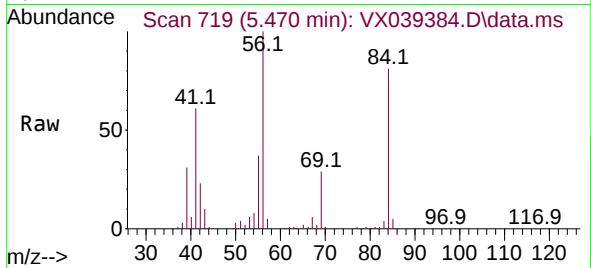
Tgt Ion: 62 Resp: 123319
Ion Ratio Lower Upper
62 100
98 8.0 8.0 12.0#



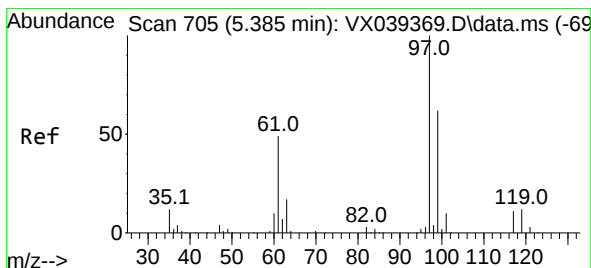
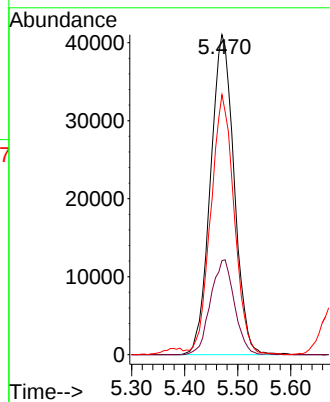
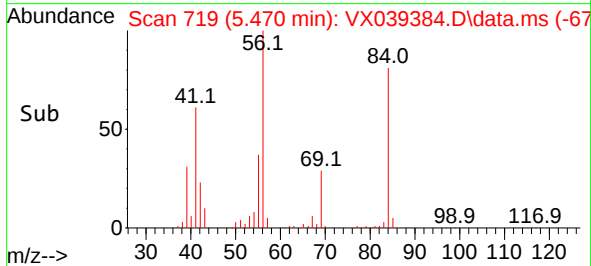


#29
Cyclohexane
Concen: 48.177 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Instrument :
MSVOA_X
ClientSampleId :

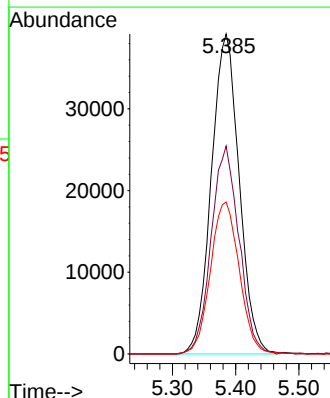
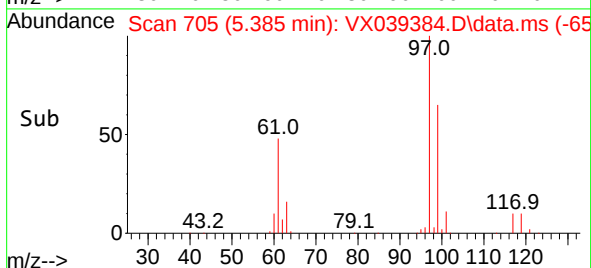
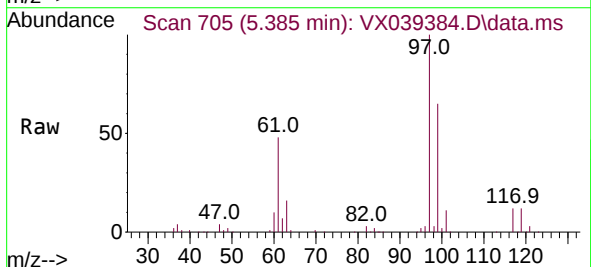


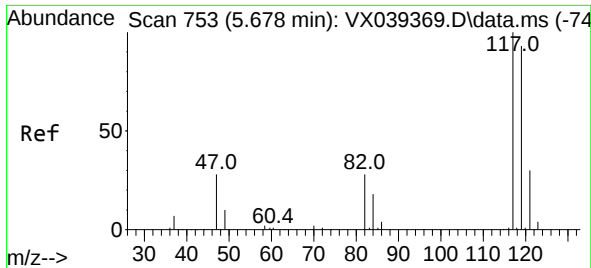
Tgt Ion: 56 Resp: 127059
Ion Ratio Lower Upper
56 100
69 29.9 24.5 36.7
84 79.6 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 52.235 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Tgt Ion: 97 Resp: 119486
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 49.4 36.7 55.1

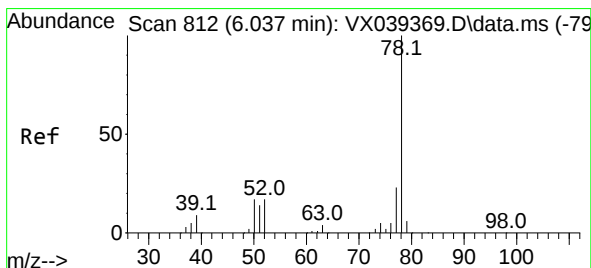
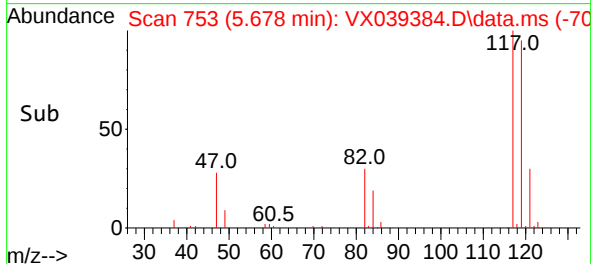
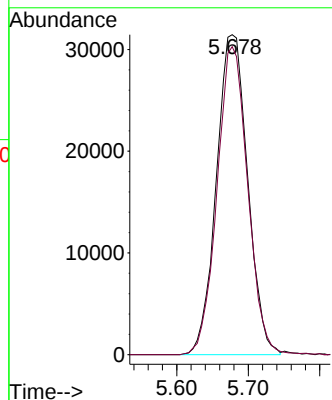
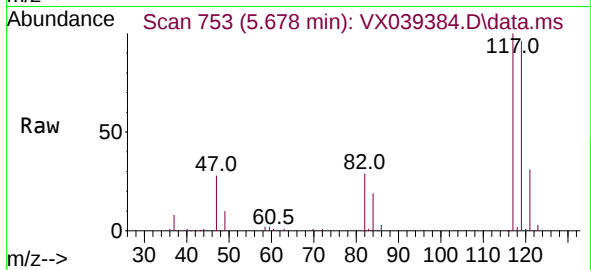




#31
Carbon tetrachloride
Concen: 50.054 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

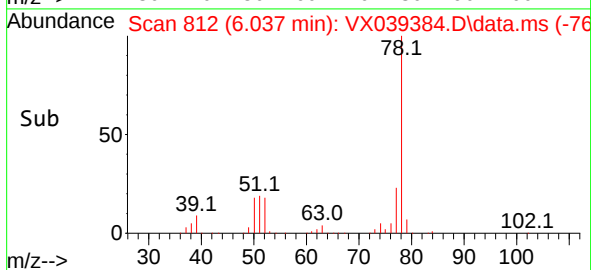
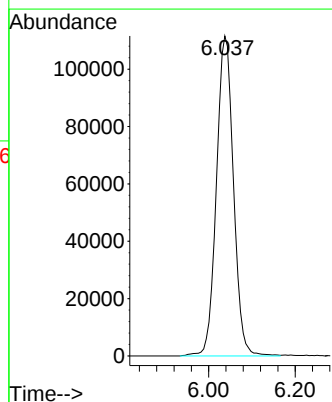
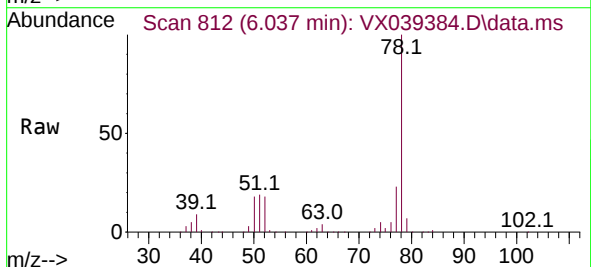
Instrument :
MSVOA_X
ClientSampleId :

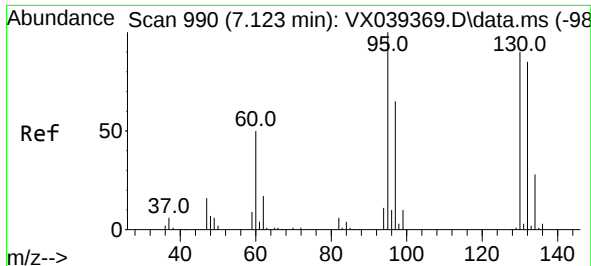
Tgt Ion:117 Resp: 95527
Ion Ratio Lower Upper
117 100
119 94.3 77.0 115.4



#33
Benzene
Concen: 51.035 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

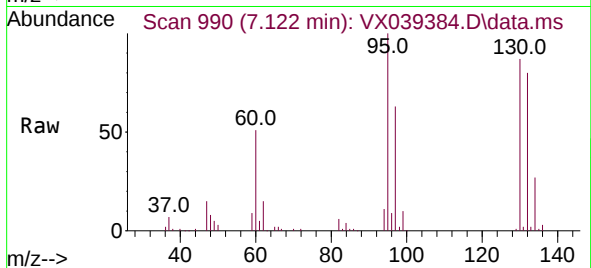
Tgt Ion: 78 Resp: 305767



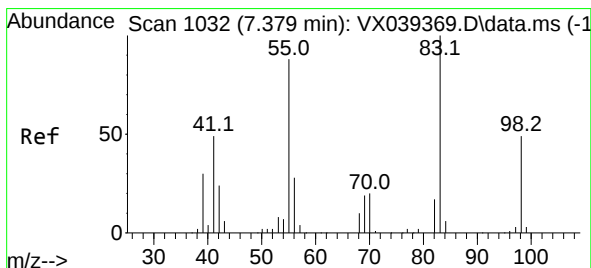
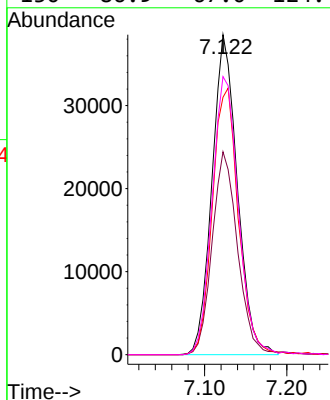
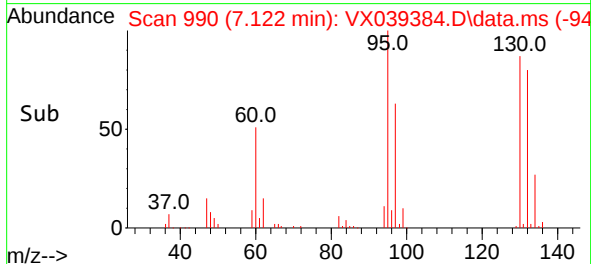


#34
Trichloroethene
Concen: 52.047 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

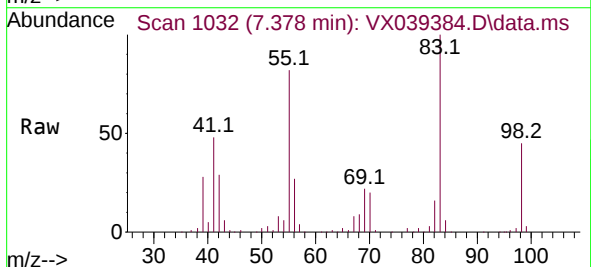
Instrument :
MSVOA_X
ClientSampleId :



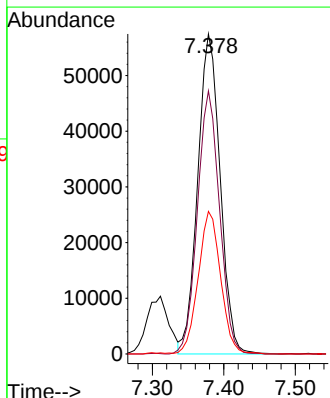
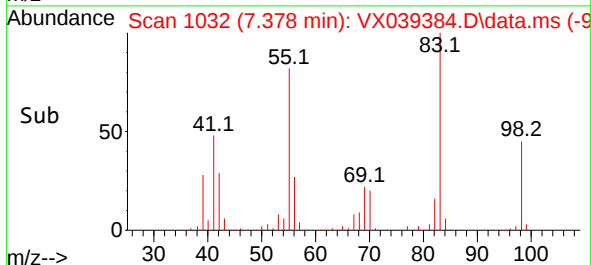
Tgt Ion: 95 Resp: 82409
Ion Ratio Lower Upper
95 100
97 63.4 45.5 84.5
132 80.5 62.2 115.4
130 86.9 67.0 124.4

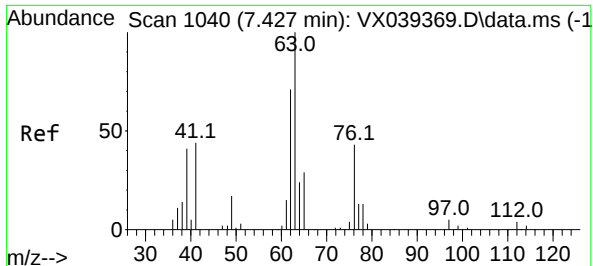


#35
Methylcyclohexane
Concen: 47.485 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49



Tgt Ion: 83 Resp: 125220
Ion Ratio Lower Upper
83 100
55 81.1 62.5 93.7
98 44.5 36.1 54.1





#37

1,2-Dichloropropane

Concen: 52.158 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

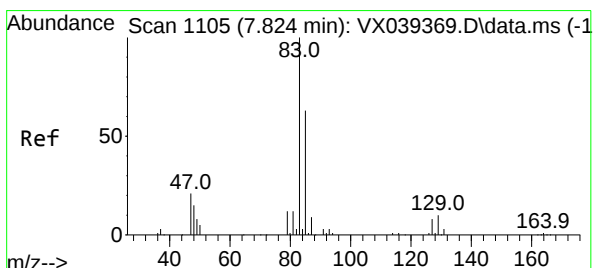
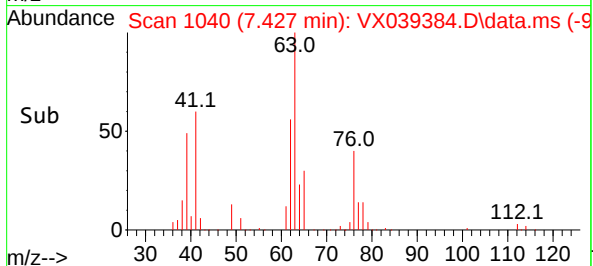
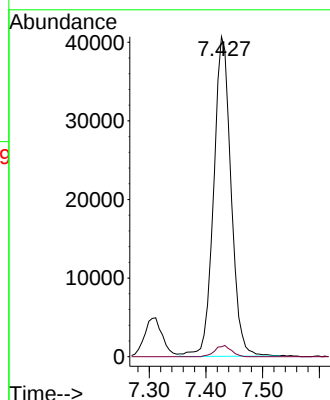
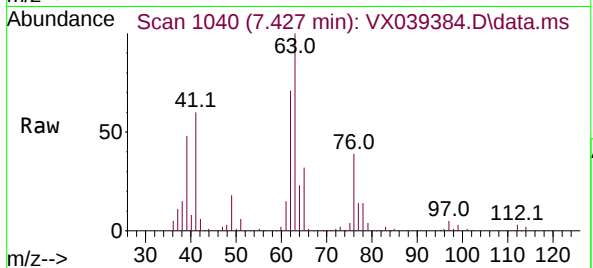
ClientSampleId :

Tgt Ion: 63 Resp: 86667

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 51.509 ug/L

RT: 7.823 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

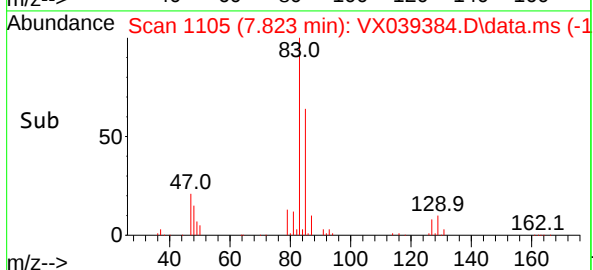
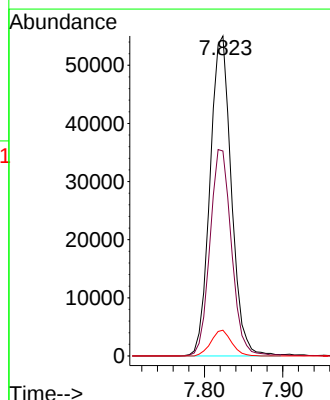
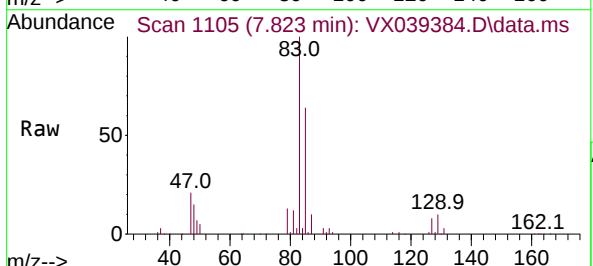
Tgt Ion: 83 Resp: 104101

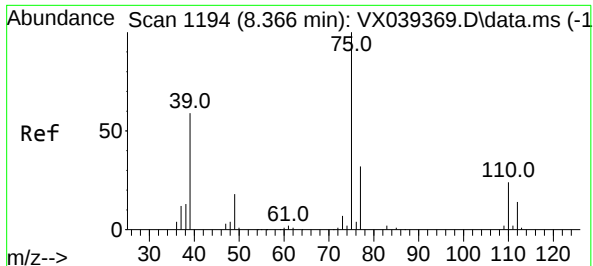
Ion Ratio Lower Upper

83 100

85 64.1 43.3 80.5

127 8.0 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 47.716 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

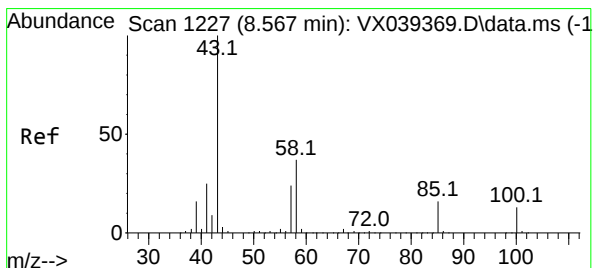
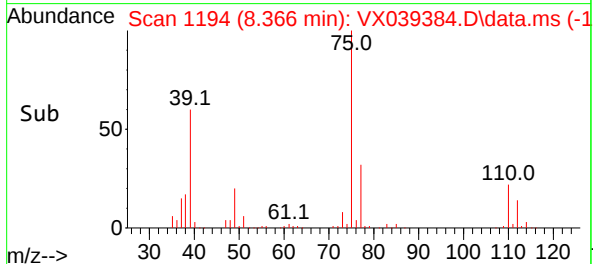
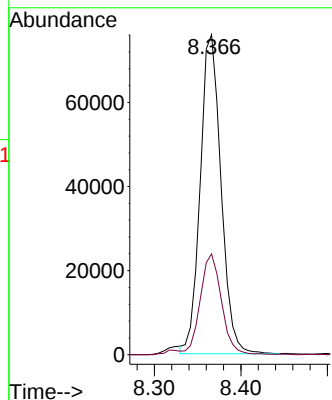
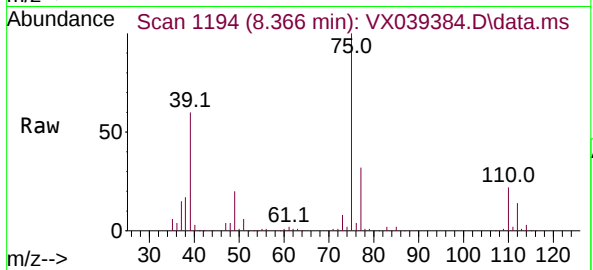
ClientSampleId :

Tgt Ion: 75 Resp: 126456

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 106.636 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

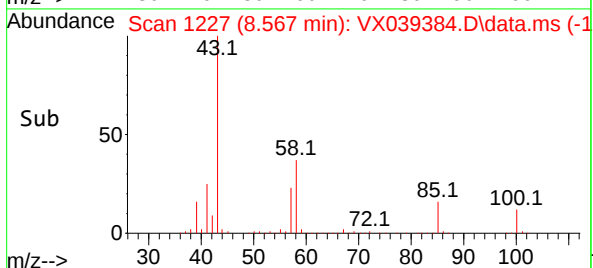
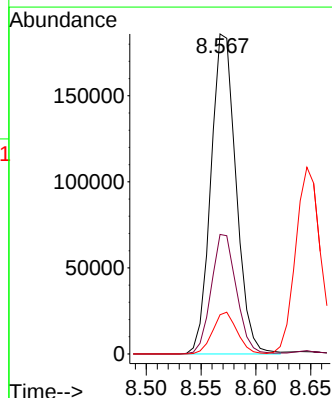
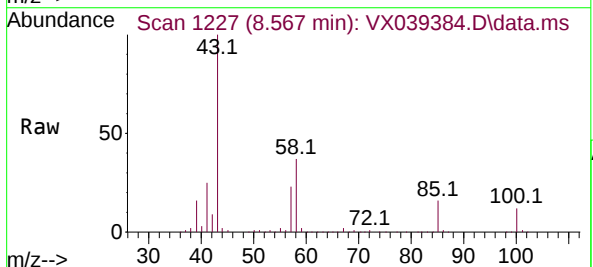
Tgt Ion: 43 Resp: 296965

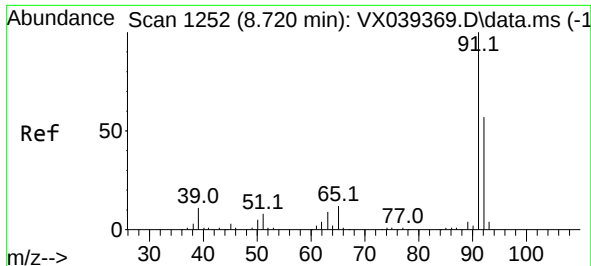
Ion Ratio Lower Upper

43 100

58 37.4 30.9 46.3

100 12.7 10.6 16.0





#42

Toluene

Concen: 50.425 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

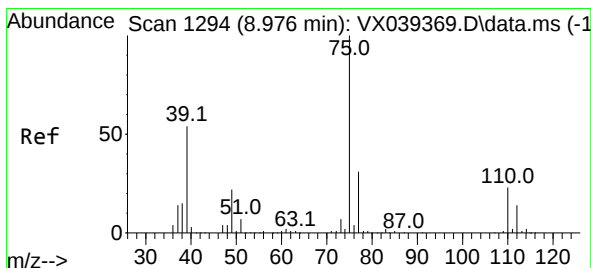
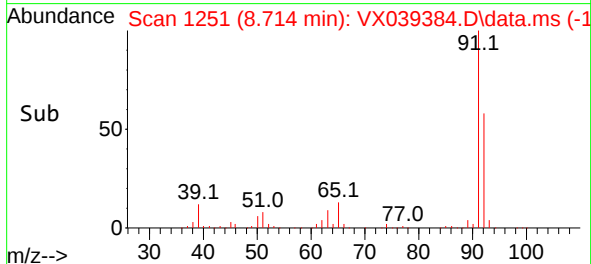
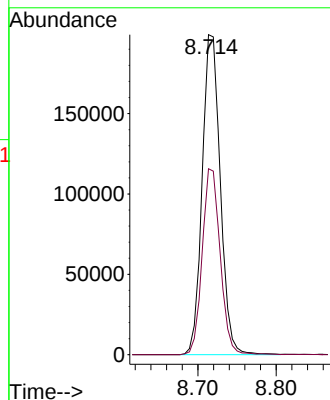
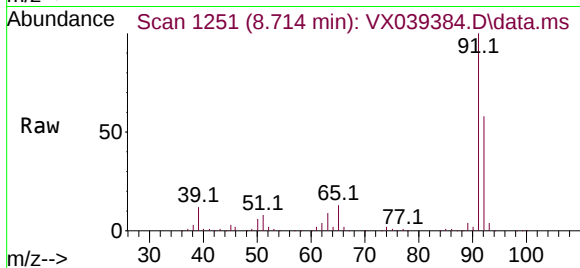
ClientSampleId :

Tgt Ion: 91 Resp: 320372

Ion Ratio Lower Upper

91 100

92 58.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 49.668 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039384.D

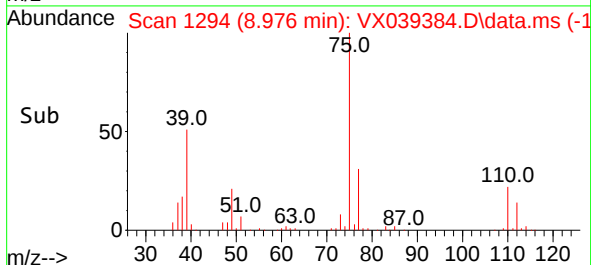
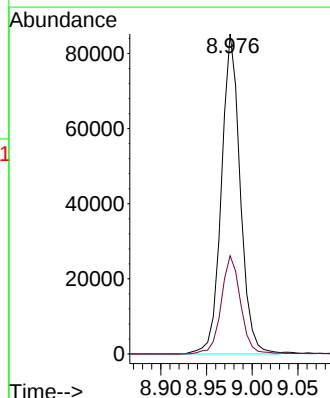
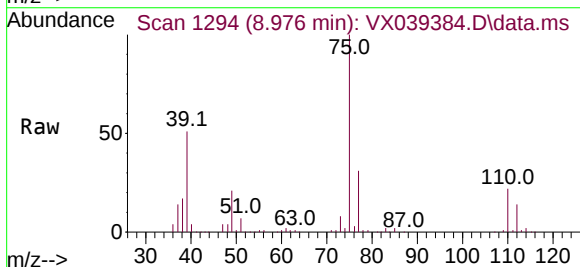
Acq: 20 Dec 2023 01:49

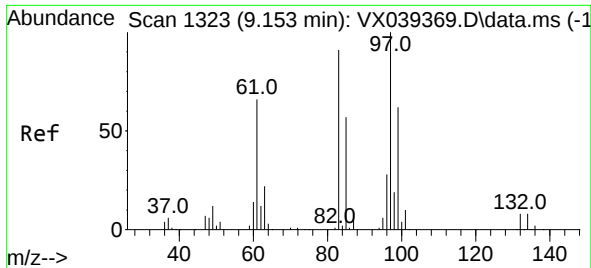
Tgt Ion: 75 Resp: 122151

Ion Ratio Lower Upper

75 100

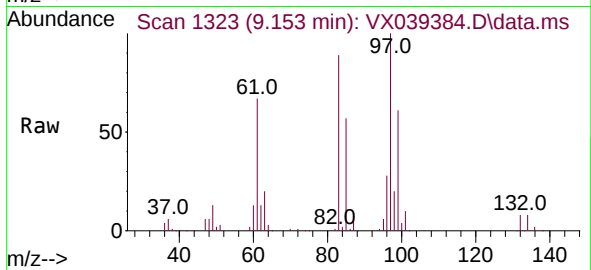
77 30.7 22.0 40.8





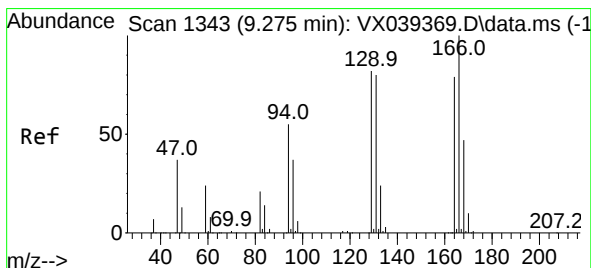
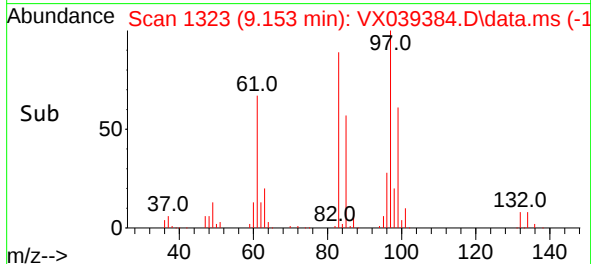
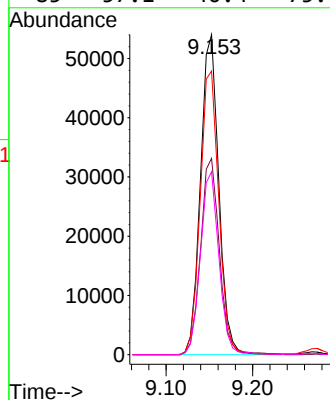
#45
1,1,2-Trichloroethane
Concen: 52.162 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 97 Resp: 79430

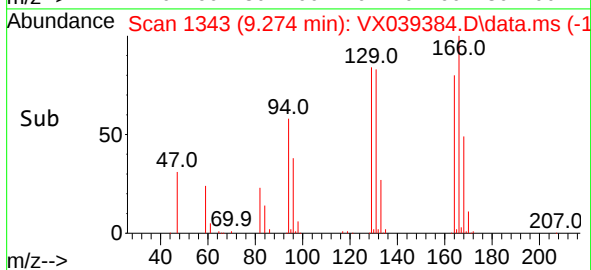
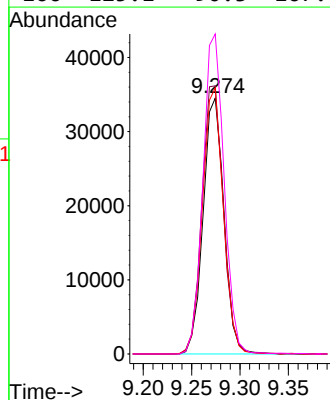
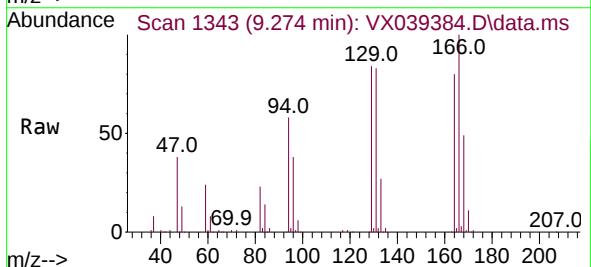
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.1	80.1
83	88.6	64.0	118.8
85	57.1	40.4	75.0

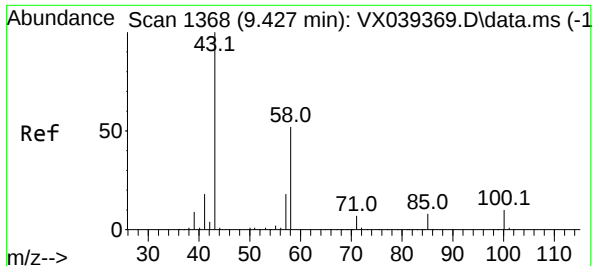


#46
Tetrachloroethene
Concen: 49.594 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Tgt Ion: 164 Resp: 51801

Ion	Ratio	Lower	Upper
164	100		
129	104.8	71.9	133.5
131	104.0	69.5	129.1
166	125.1	90.3	167.7





#48

2-Hexanone

Concen: 101.623 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 236865

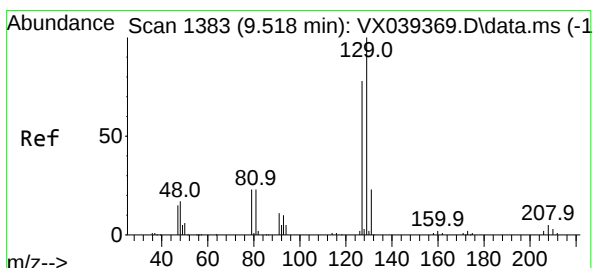
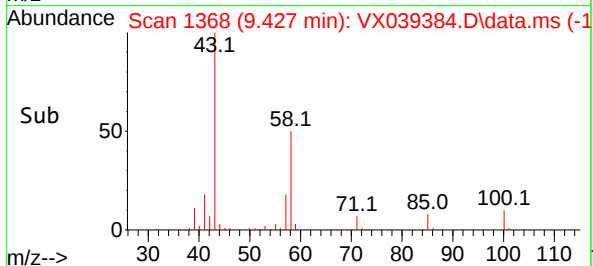
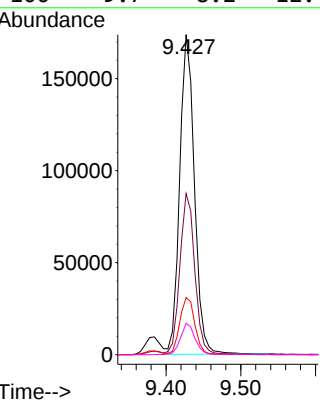
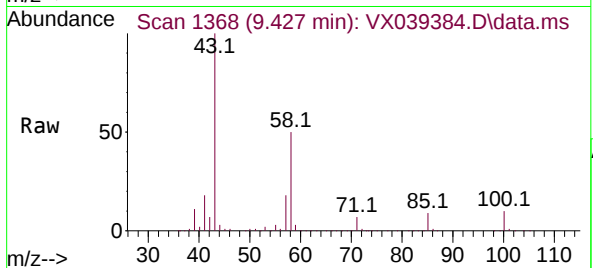
Ion Ratio Lower Upper

43 100

58 50.5 43.0 64.6

57 18.3 14.6 21.8

100 9.7 8.2 12.4



#49

Dibromochloromethane

Concen: 49.499 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX039384.D

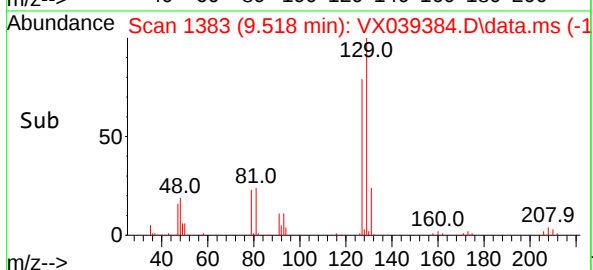
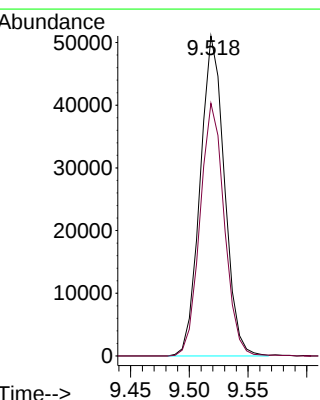
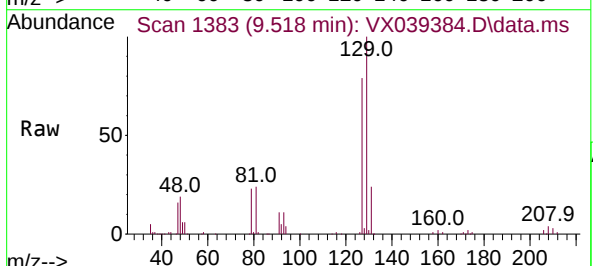
Acq: 20 Dec 2023 01:49

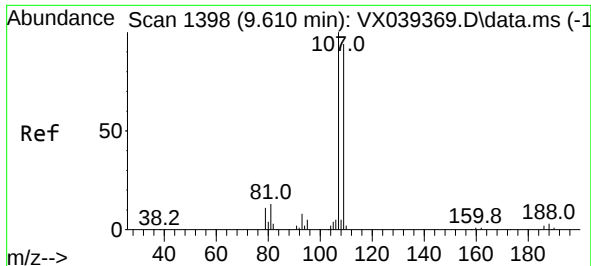
Tgt Ion:129 Resp: 73431

Ion Ratio Lower Upper

129 100

127 78.9 55.2 102.4





#50

1,2-Dibromoethane

Concen: 52.744 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX039384.D

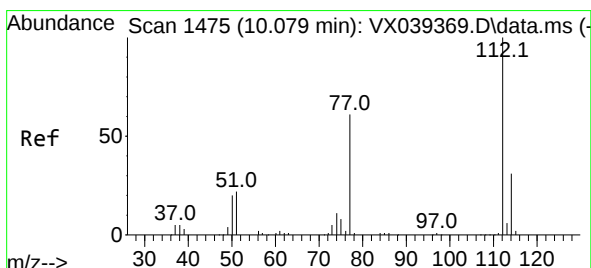
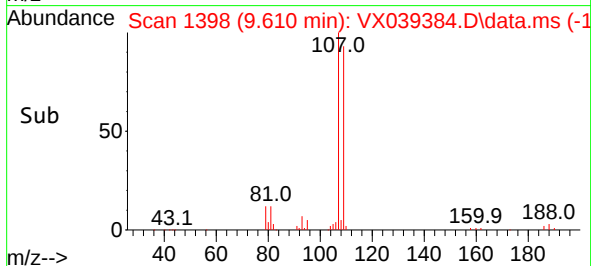
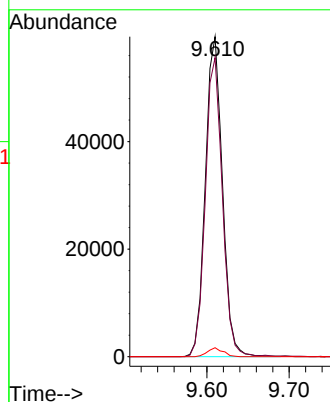
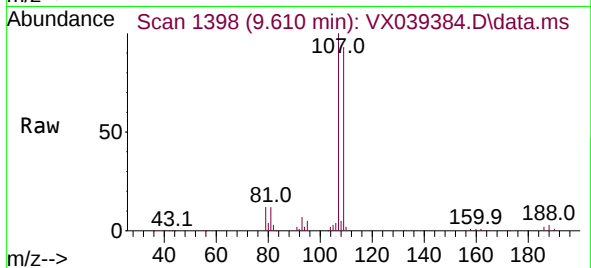
Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	86046
Ion Ratio	Lower	Upper
107	100	
109	93.5	65.2 121.0
188	2.8	2.5 3.7



#51

Chlorobenzene

Concen: 50.953 ug/L

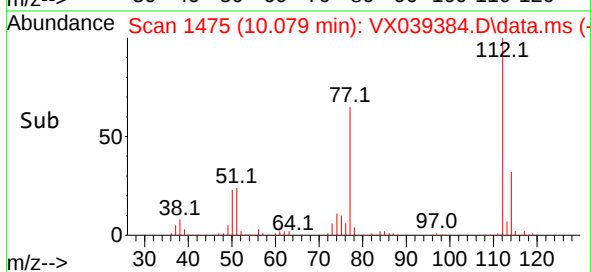
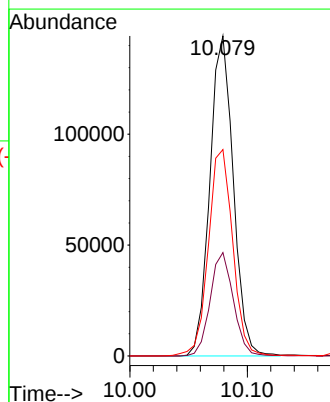
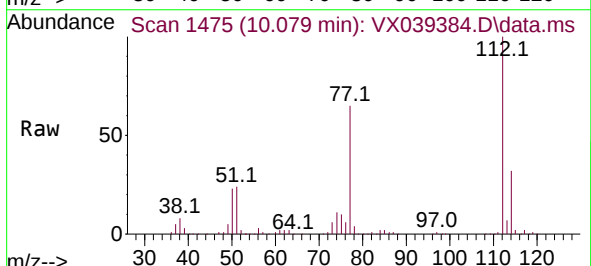
RT: 10.079 min Scan# 1475

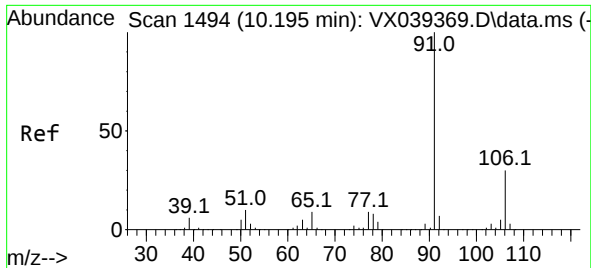
Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Tgt Ion:112	Resp:	199961
Ion Ratio	Lower	Upper
112	100	
114	32.3	21.8 40.4
77	64.5	49.0 73.6

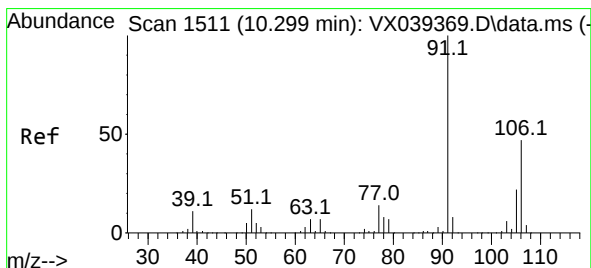
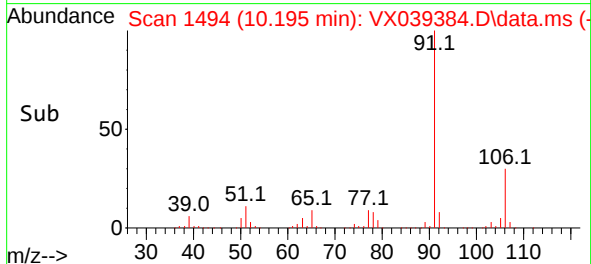
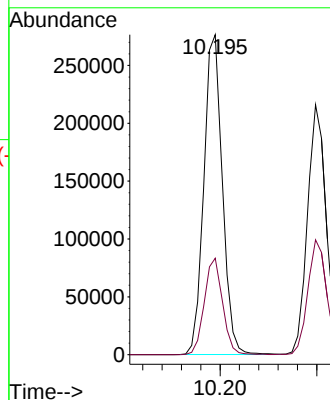
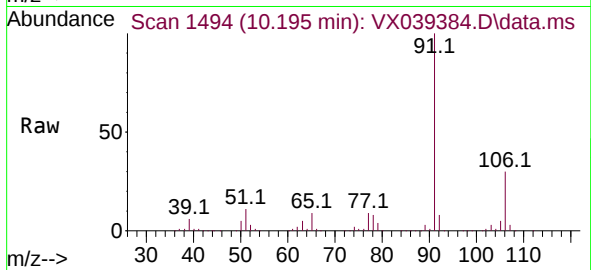




#52
Ethylbenzene
Concen: 51.848 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

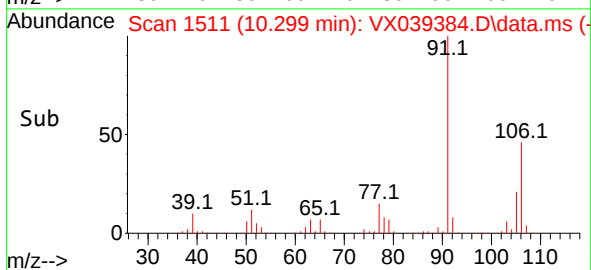
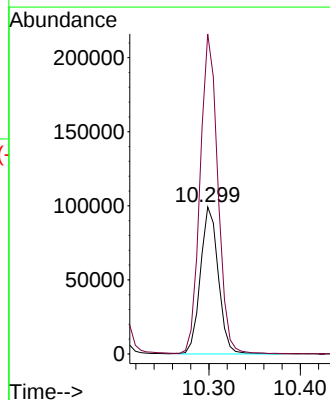
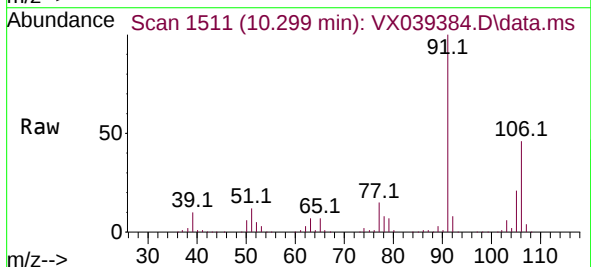
Instrument :
MSVOA_X
ClientSampleId :

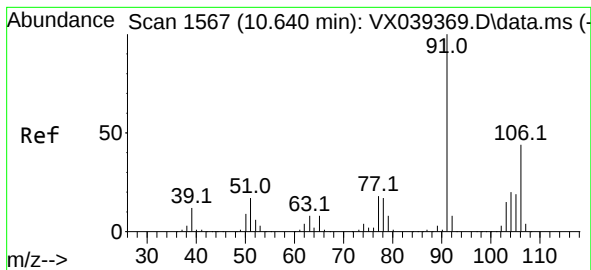
Tgt Ion: 91 Resp: 368264
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4



#53
m,p-Xylene
Concen: 50.701 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Tgt Ion: 106 Resp: 134644
Ion Ratio Lower Upper
106 100
91 217.6 149.0 276.8

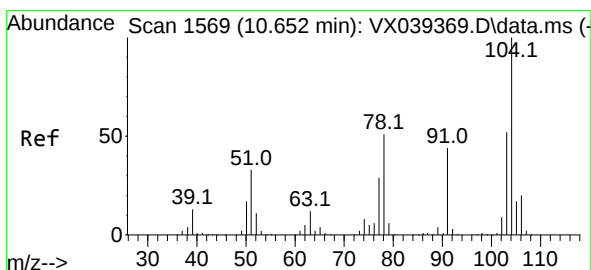
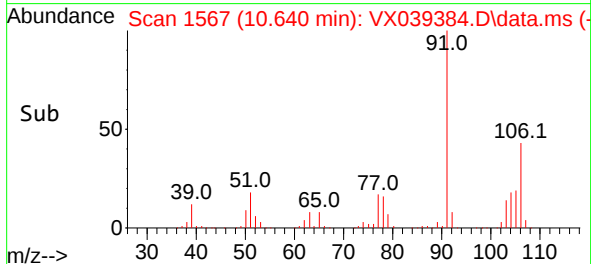
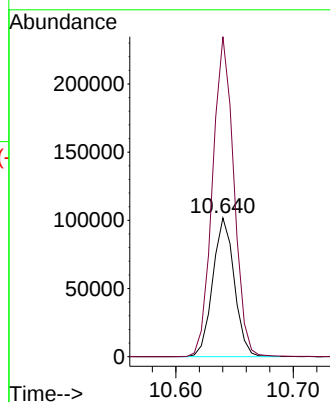
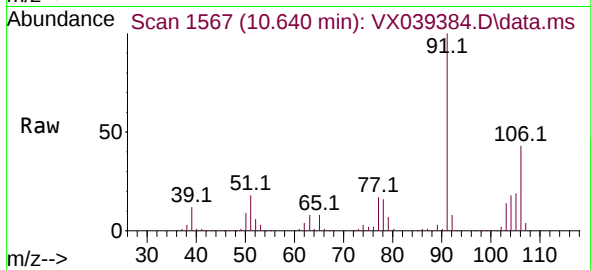




#54
o-Xylene
Concen: 50.978 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

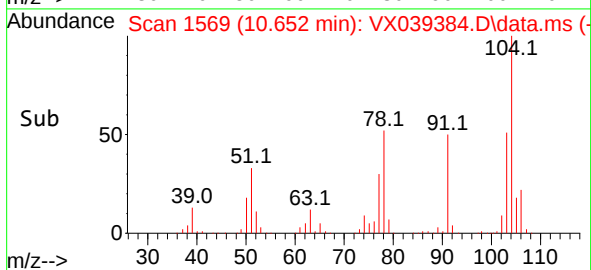
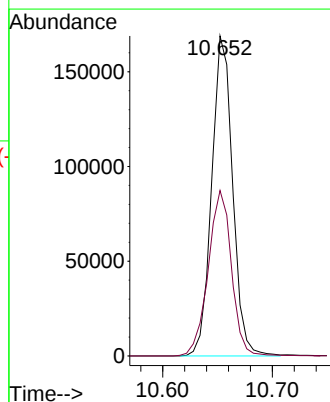
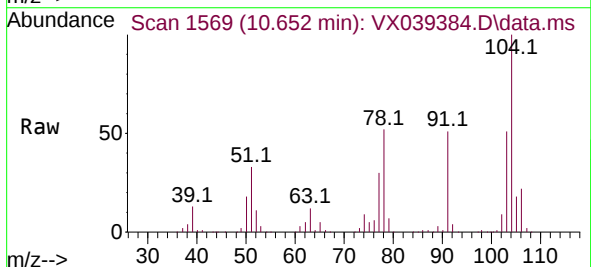
Instrument :
MSVOA_X
ClientSampleId :

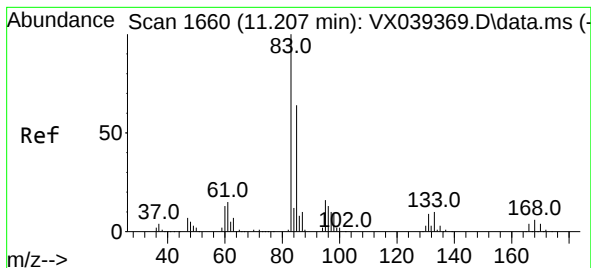
Tgt Ion:106 Resp: 129904
Ion Ratio Lower Upper
106 100
91 230.8 156.2 290.0



#55
Styrene
Concen: 51.403 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Tgt Ion:104 Resp: 224121
Ion Ratio Lower Upper
104 100
78 51.7 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 52.365 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

ClientSampleId :

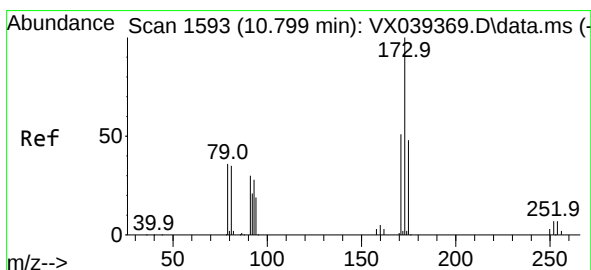
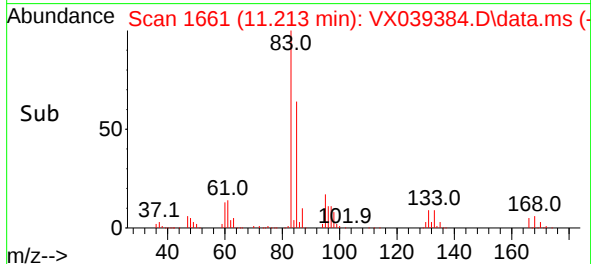
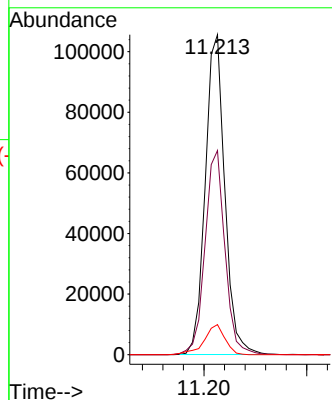
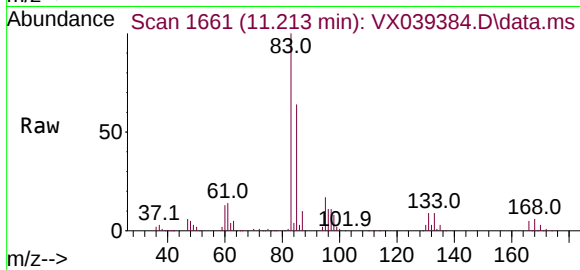
Tgt Ion: 83 Resp: 139161

Ion Ratio Lower Upper

83 100

85 63.8 45.2 84.0

131 9.4 7.2 10.8



#59

Bromoform

Concen: 45.232 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

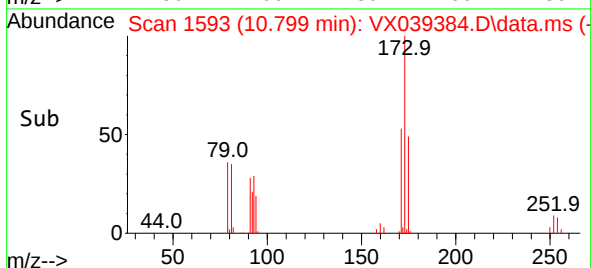
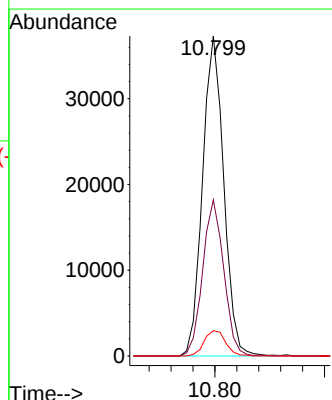
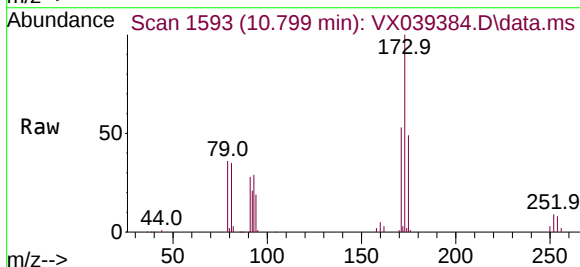
Tgt Ion:173 Resp: 50058

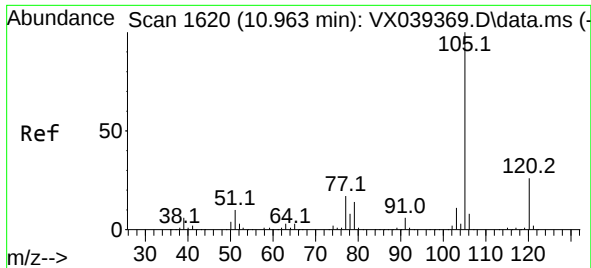
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

254 8.0 6.2 9.2

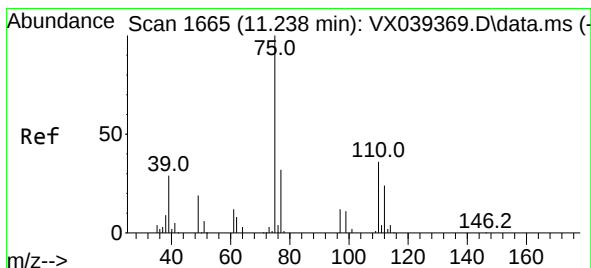
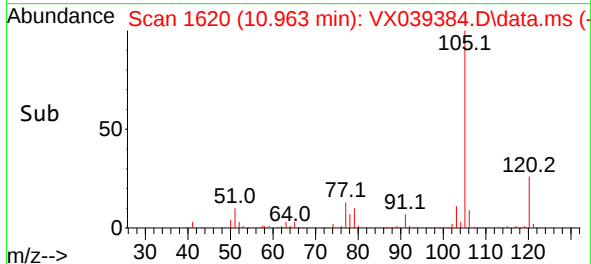
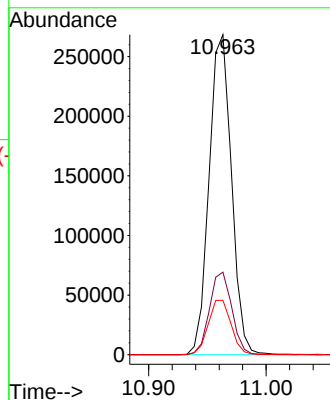
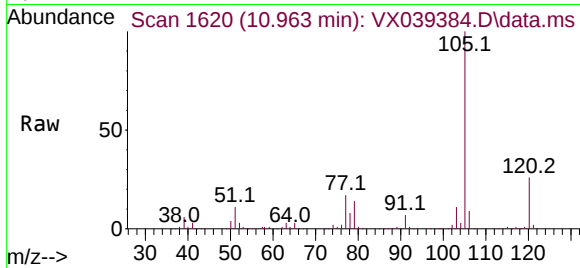




#60
Isopropylbenzene
Concen: 51.638 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

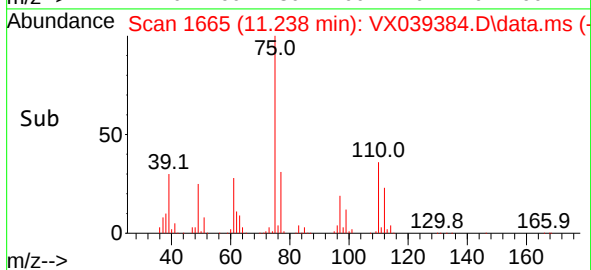
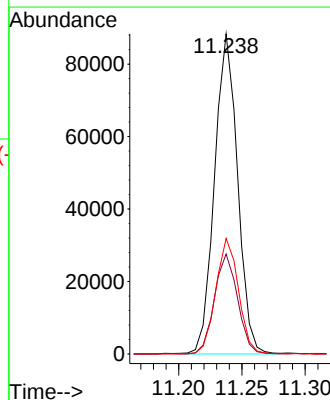
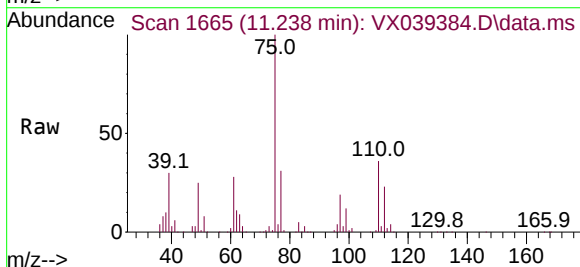
Instrument :
MSVOA_X
ClientSampleId :

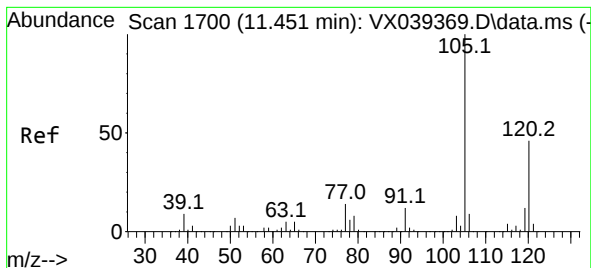
Tgt Ion:105 Resp: 355314
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 17.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 54.101 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Tgt Ion: 75 Resp: 111599
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6
110 35.5 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 52.083 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

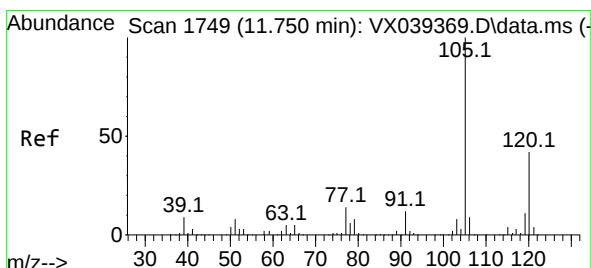
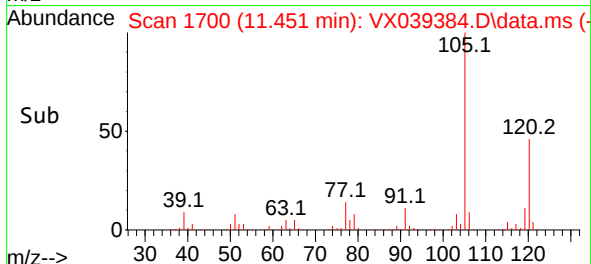
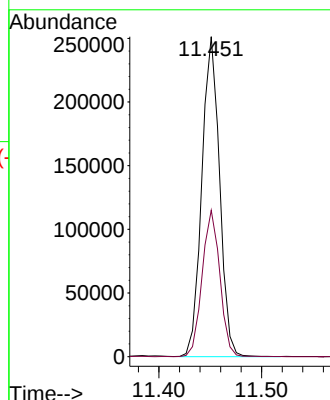
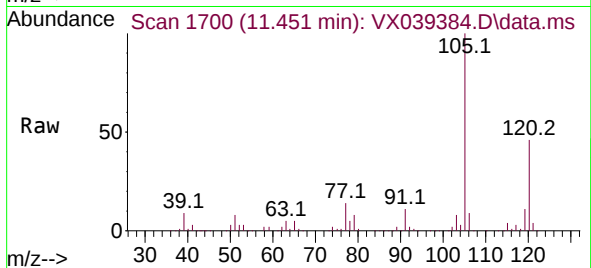
ClientSampleId :

Tgt Ion:105 Resp: 302555

Ion Ratio Lower Upper

105 100

120 45.5 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 52.460 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039384.D

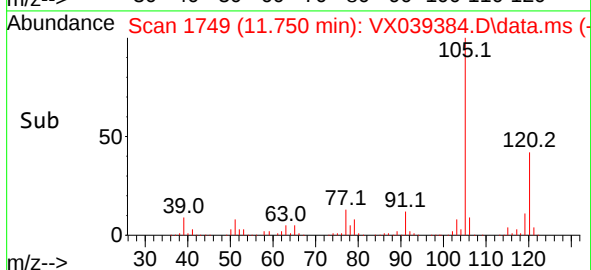
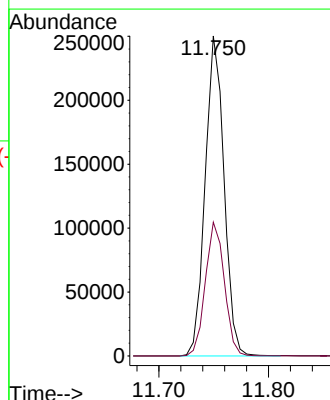
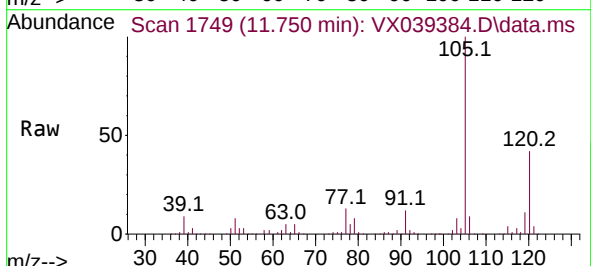
Acq: 20 Dec 2023 01:49

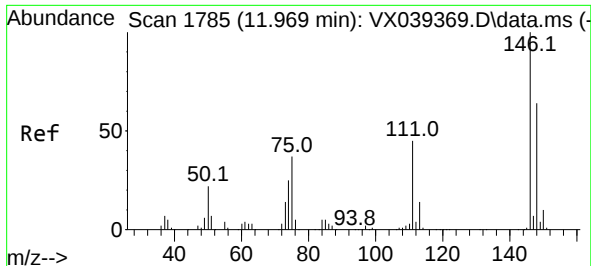
Tgt Ion:105 Resp: 298821

Ion Ratio Lower Upper

105 100

120 42.1 34.9 52.3

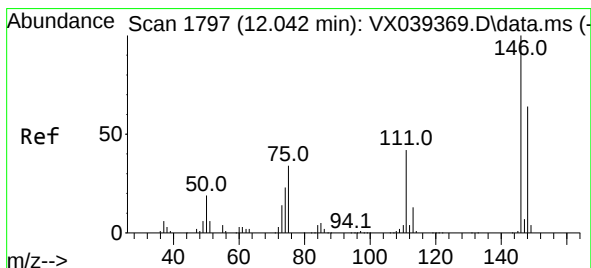
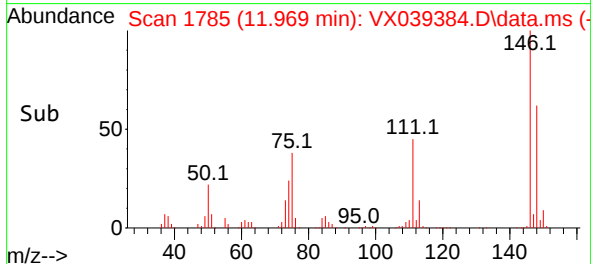
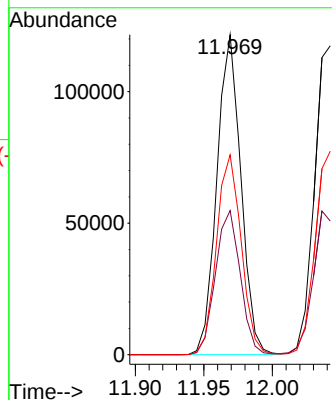
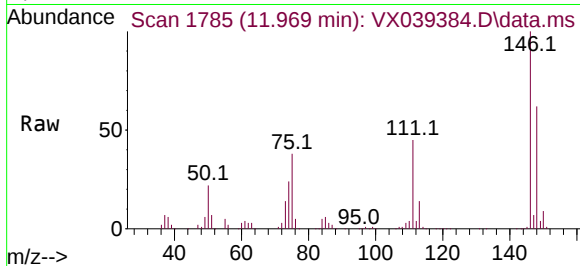




#64
1,3-Dichlorobenzene
Concen: 50.370 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

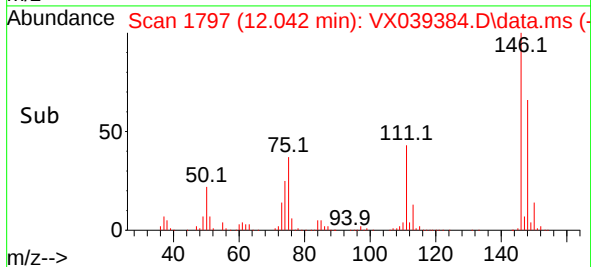
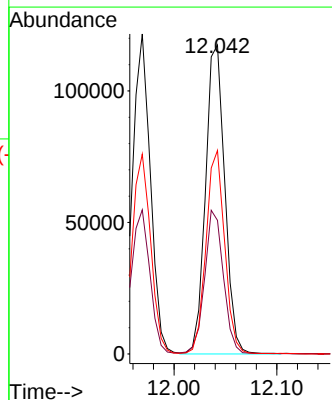
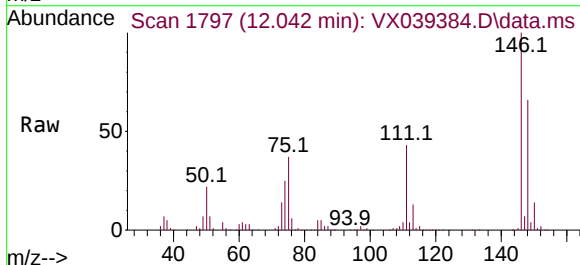
Instrument :
MSVOA_X
ClientSampleId :

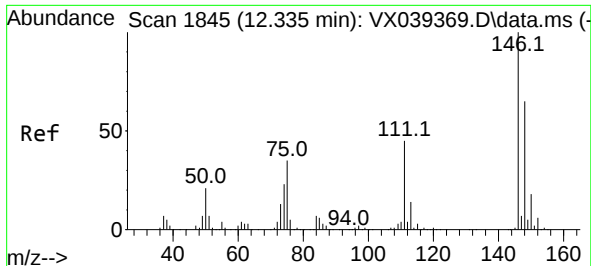
Tgt Ion:146 Resp: 148344
Ion Ratio Lower Upper
146 100
111 45.0 30.0 55.6
148 62.5 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 51.308 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039384.D
Acq: 20 Dec 2023 01:49

Tgt Ion:146 Resp: 153122
Ion Ratio Lower Upper
146 100
111 43.2 29.7 55.1
148 65.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 50.450 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

ClientSampleId :

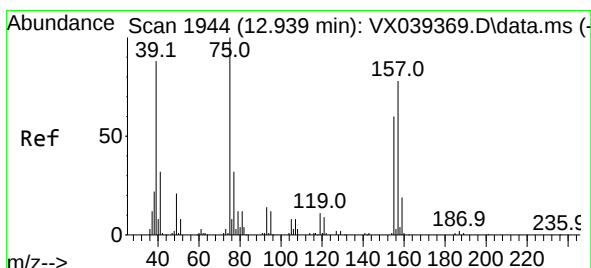
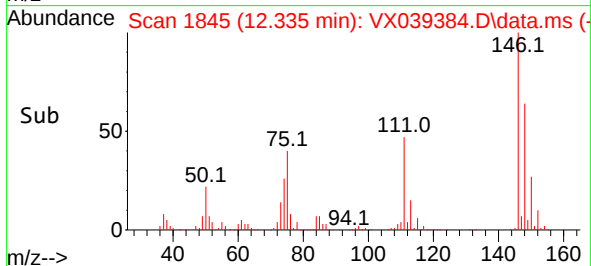
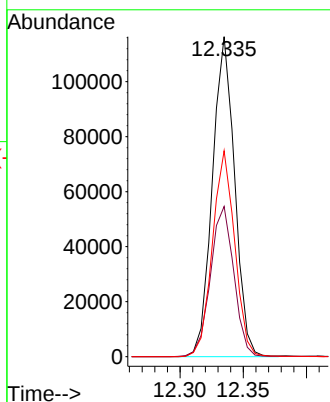
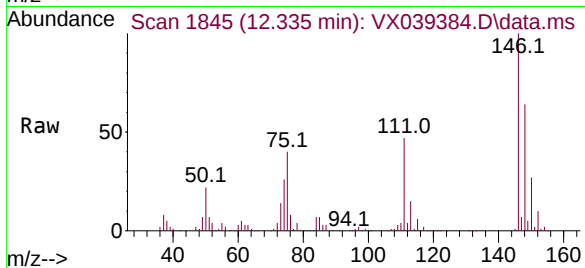
Tgt Ion:146 Resp: 142128

Ion Ratio Lower Upper

146 100

111 47.0 36.4 54.6

148 64.4 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 53.118 ug/L

RT: 12.938 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

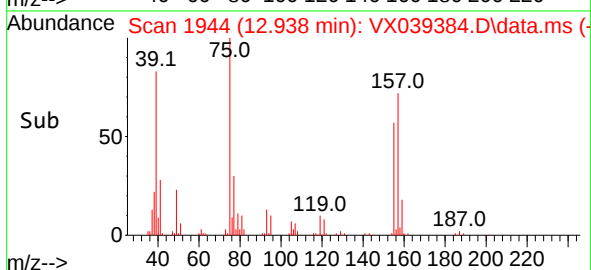
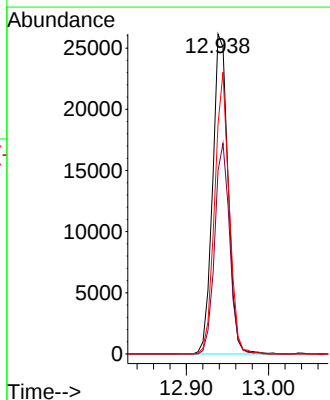
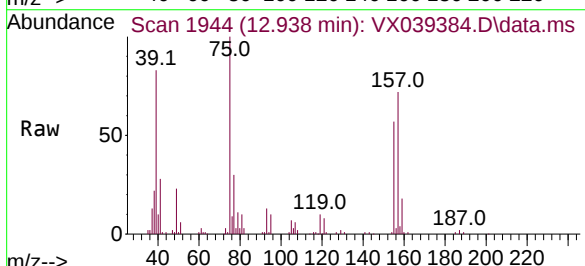
Tgt Ion: 75 Resp: 34197

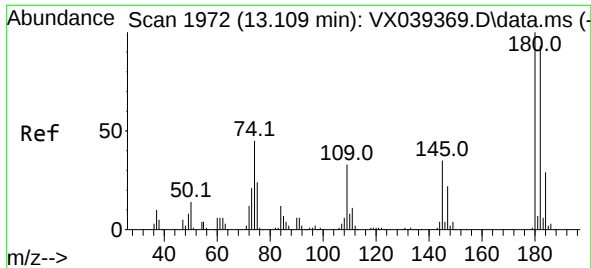
Ion Ratio Lower Upper

75 100

155 57.3 52.3 78.5

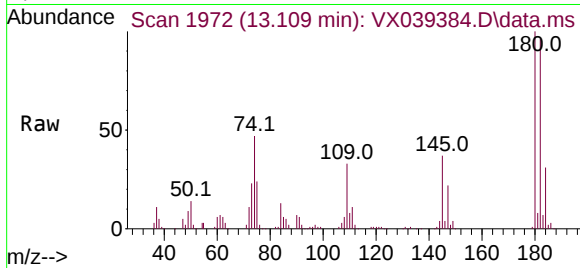
157 71.8 68.7 103.1



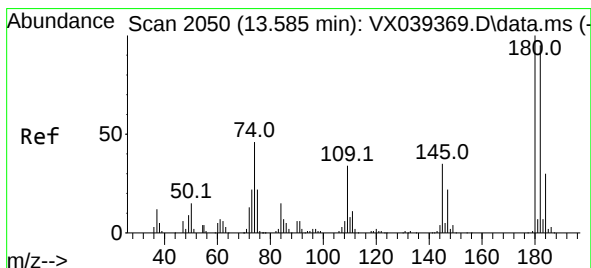
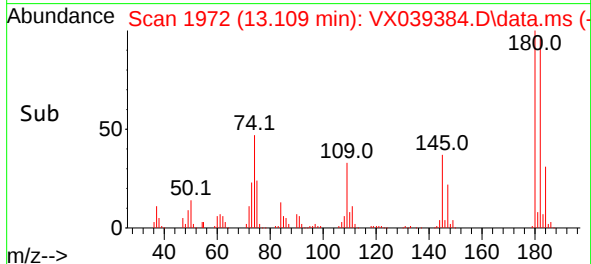
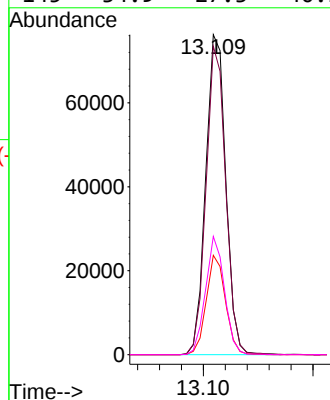


#69
 1,3,5-Trichlorobenzene
 Concen: 49.664 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX039384.D
 Acq: 20 Dec 2023 01:49

Instrument :
 MSVOA_X
 ClientSampleId :

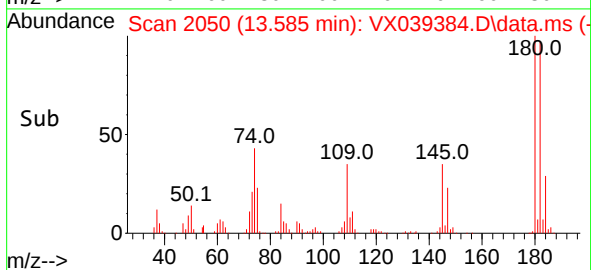
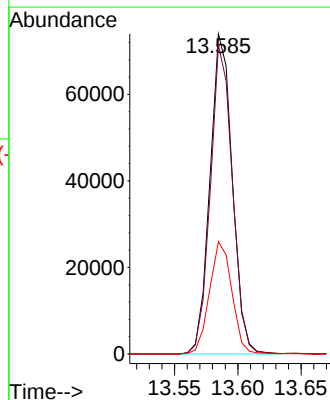
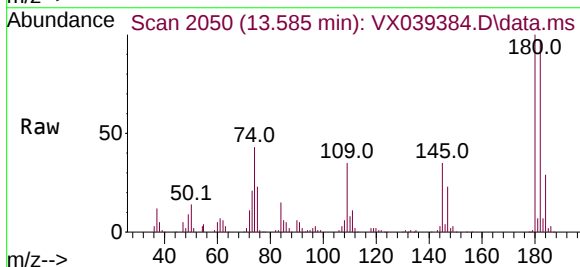


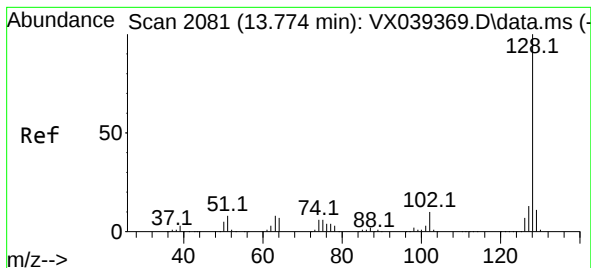
Tgt Ion:180 Resp: 96729
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.1 114.1
 184 29.8 24.1 36.1
 145 34.9 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 49.383 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039384.D
 Acq: 20 Dec 2023 01:49

Tgt Ion:180 Resp: 90673
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.8 115.2
 145 35.2 27.8 41.6





#71

Naphthalene

Concen: 50.275 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Instrument :

MSVOA_X

ClientSampleId :

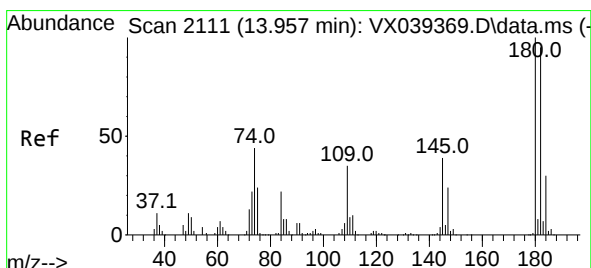
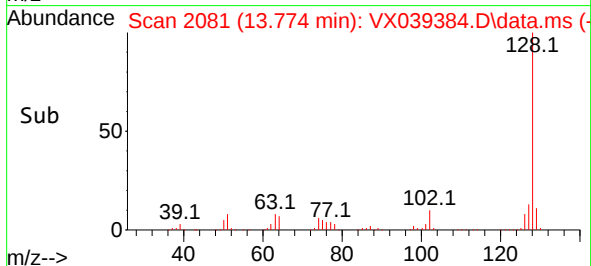
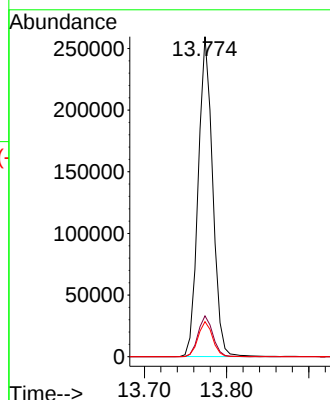
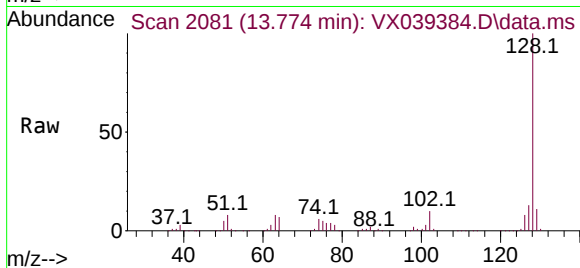
Tgt Ion:128 Resp: 316582

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.591 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039384.D

Acq: 20 Dec 2023 01:49

Tgt Ion:180 Resp: 88165

Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 37.3 28.6 42.8

