

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039369.D
 Acq On : 19 Dec 2023 20:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:09:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 19 22:02:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	214385	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	102207	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	84816	50.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.880%
7) Chloroethane-d5	1.666	69	62794	50.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.040%
11) 1,1-Dichloroethene-d2	2.306	65	40733	55.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.360%
21) 2-Butanone-d5	4.446	46	148834	97.782	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.780%
24) Chloroform-d	5.056	84	159046	53.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.860%
26) 1,2-Dichloroethane-d4	5.952	65	107350	55.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.380%
32) Benzene-d6	5.976	84	317125	50.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.380%
36) 1,2-Dichloropropane-d6	7.305	67	100342	49.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	8.647	98	286620	50.559	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.120%
43) trans-1,3-Dichloroprop...	8.945	79	48032	46.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.760%
47) 2-Hexanone-d5	9.384	63	111433	92.675	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.680%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	143187	50.138	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.280%
66) 1,2-Dichlorobenzene-d4	12.317	152	97796	50.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84879	49.646	ug/L	100
3) Chloromethane	1.294	50	88178	49.345	ug/L	99
5) Vinyl chloride	1.374	62	84083	47.741	ug/L	97
6) Bromomethane	1.605	94	49577	52.151	ug/L	97
8) Chloroethane	1.691	64	47539	47.745	ug/L	99
9) Trichlorofluoromethane	1.892	101	117581	51.513	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76877	52.359	ug/L	97
12) 1,1-Dichloroethene	2.319	96	70495	51.043	ug/L	96
13) Acetone	2.373	43	118358	80.943	ug/L	96
14) Carbon disulfide	2.514	76	196808	44.782	ug/L	100
15) Methyl Acetate	2.697	43	106437	50.926	ug/L	98
16) Methylene chloride	2.788	84	82025	51.693	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	71472	49.116	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	262673	51.859	ug/L	98
19) 1,1-Dichloroethane	3.611	63	149182	51.848	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	83281	49.342	ug/L	97
22) 2-Butanone	4.550	43	160938	89.682	ug/L	96
23) Bromochloromethane	4.897	128	39331	49.571	ug/L	94
25) Chloroform	5.092	83	153827	53.600	ug/L	100

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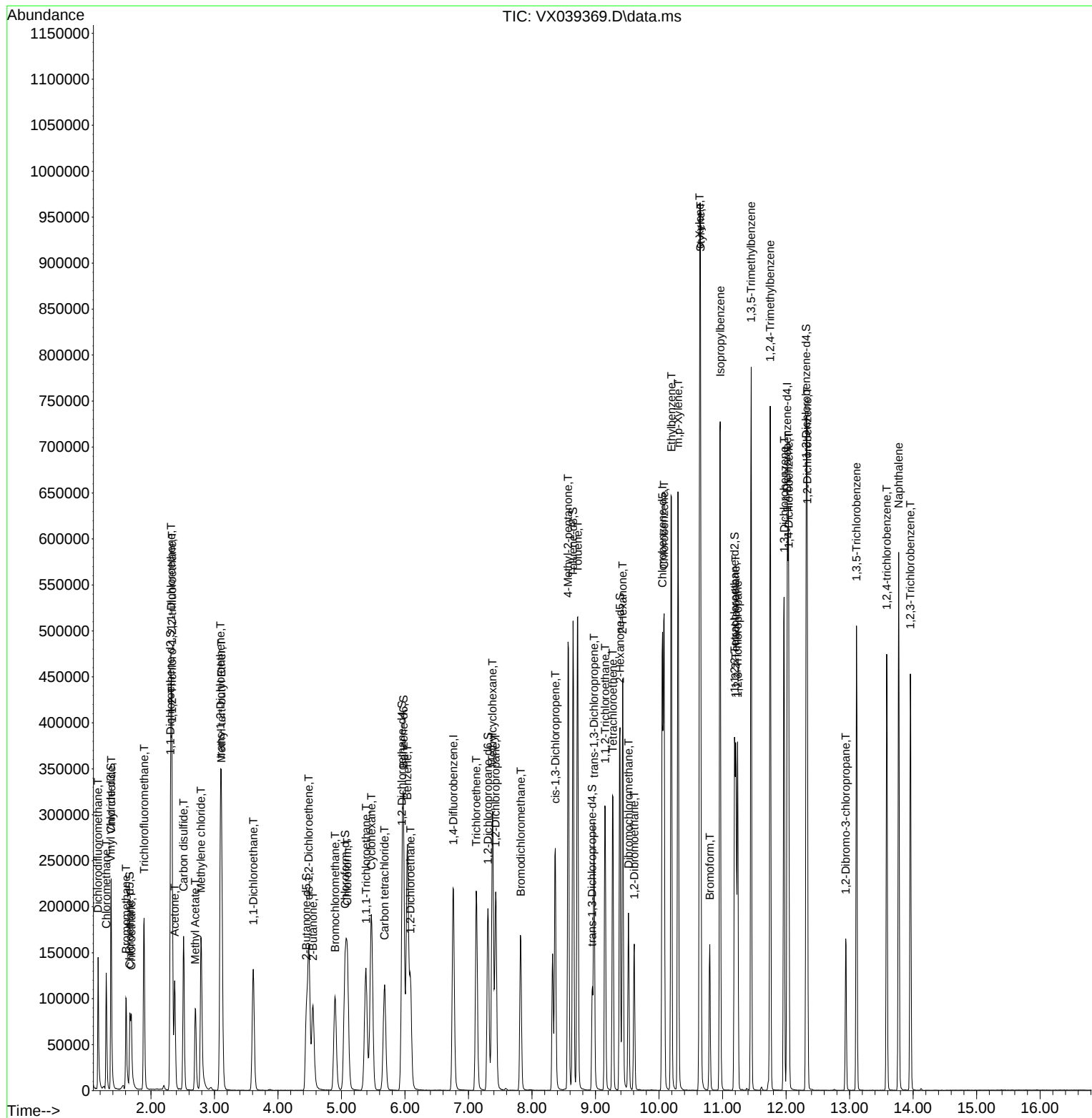
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	127339	56.218	ug/L	96
29) Cyclohexane	5.470	56	132855	46.855	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	124070	50.448	ug/L	98
31) Carbon tetrachloride	5.678	117	99147	48.320	ug/L	98
33) Benzene	6.037	78	316974	49.208	ug/L	100
34) Trichloroethene	7.123	95	85537	50.247	ug/L	96
35) Methylcyclohexane	7.379	83	131159	46.262	ug/L	97
37) 1,2-Dichloropropane	7.427	63	87295	48.865	ug/L	100
38) Bromodichloromethane	7.824	83	107096	49.288	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	132963	46.666	ug/L	99
40) 4-Methyl-2-pentanone	8.567	43	295535	98.707	ug/L	98
42) Toluene	8.720	91	334663	48.994	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	127684	48.290	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	81492	49.776	ug/L	100
46) Tetrachloroethene	9.275	164	54016	48.101	ug/L	98
48) 2-Hexanone	9.427	43	236623	94.425	ug/L	98
49) Dibromochloromethane	9.518	129	75552	47.370	ug/L	99
50) 1,2-Dibromoethane	9.610	107	86896	49.543	ug/L	99
51) Chlorobenzene	10.079	112	213629	50.632	ug/L	99
52) Ethylbenzene	10.195	91	380930	49.883	ug/L	100
53) m,p-Xylene	10.299	106	138402	48.474	ug/L	100
54) o-Xylene	10.640	106	133759	48.823	ug/L	96
55) Styrene	10.652	104	233539	49.820	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	141363	49.477	ug/L	99
59) Bromoform	10.799	173	50634	42.153	ug/L	99
60) Isopropylbenzene	10.963	105	369712	49.504	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	113302	50.605	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	316701	50.229	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	309195	50.011	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	154706	48.397	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	158976	49.078	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	148966	48.717	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	33186	47.493	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	101014	47.783	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	94268	47.302	ug/L	98
71) Naphthalene	13.774	128	324407	47.464	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	91626	47.483	ug/L	99

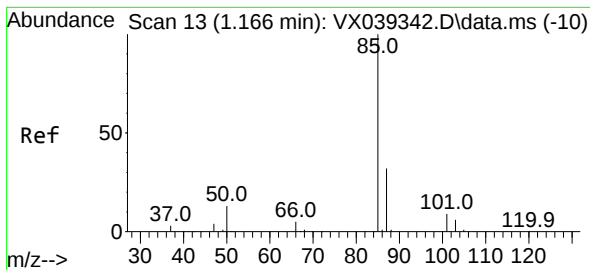
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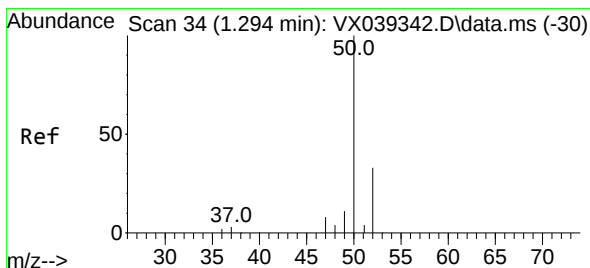
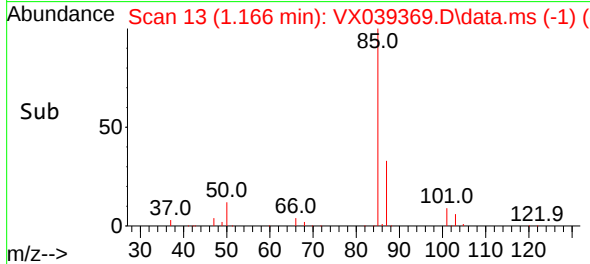
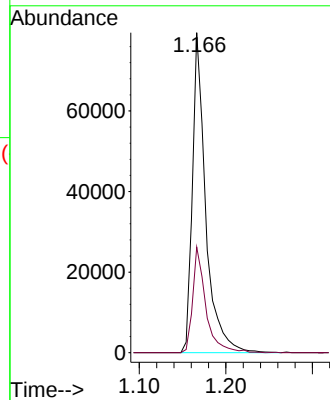
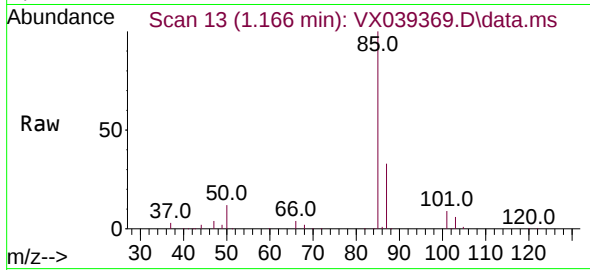




#2
Dichlorodifluoromethane
Concen: 49.646 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

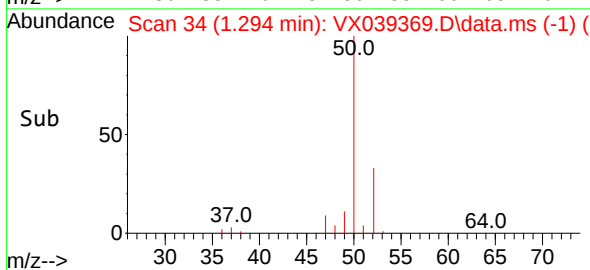
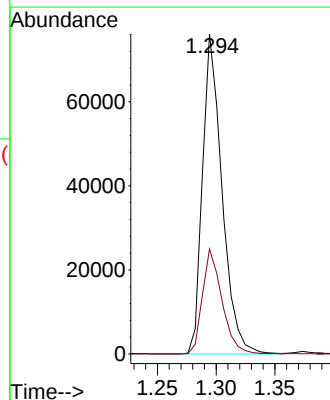
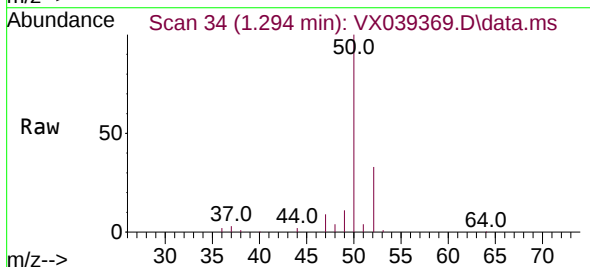
Instrument :
MSVOA_X
ClientSampleId :

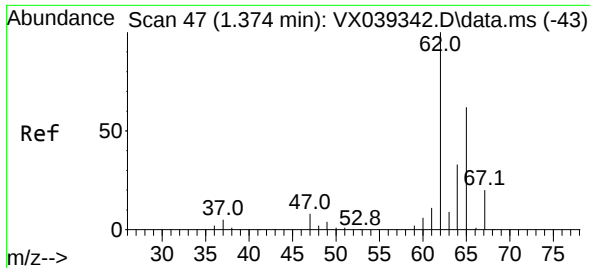
Tgt Ion: 85 Resp: 84879
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.4



#3
Chloromethane
Concen: 49.345 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

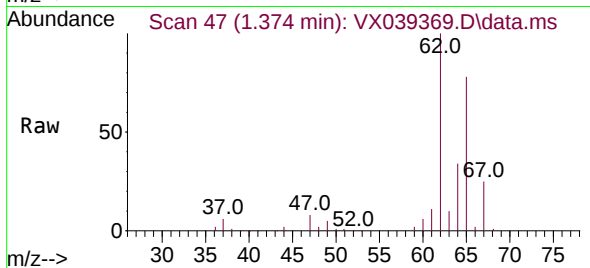
Tgt Ion: 50 Resp: 88178
Ion Ratio Lower Upper
50 100
52 32.8 22.4 41.6



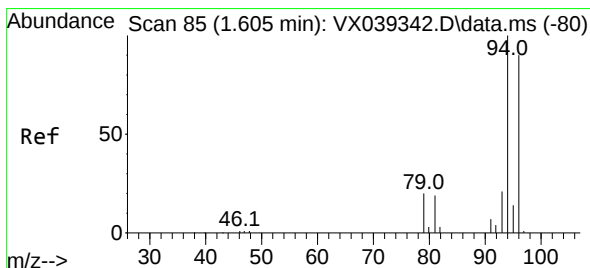
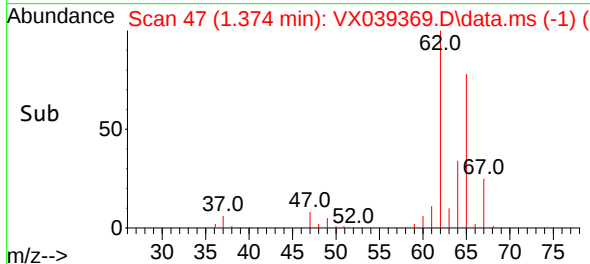
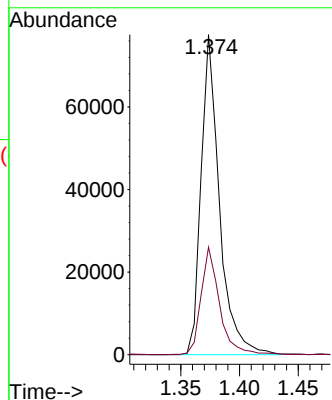


#5
 Vinyl chloride
 Concen: 47.741 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039369.D
 Acq: 19 Dec 2023 20:07

Instrument :
 MSVOA_X
 ClientSampleId :

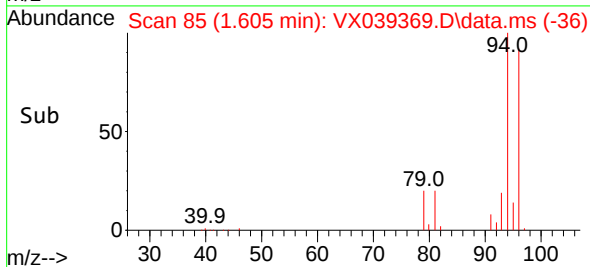
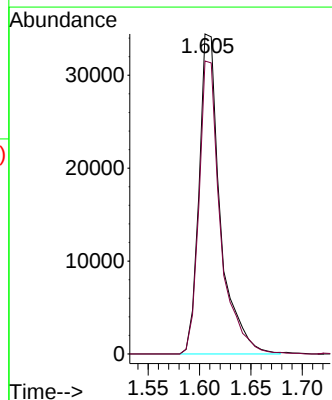
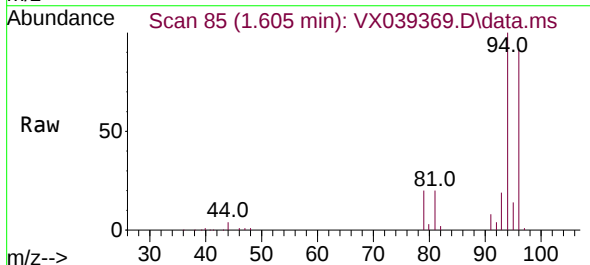


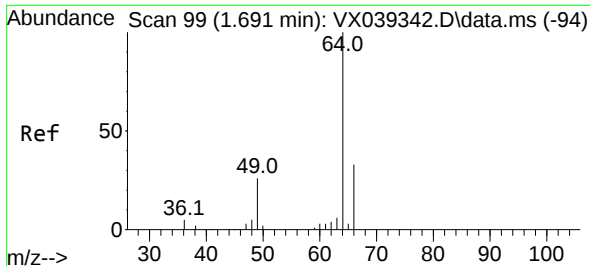
Tgt Ion: 62 Resp: 84083
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.3 41.3



#6
 Bromomethane
 Concen: 52.151 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX039369.D
 Acq: 19 Dec 2023 20:07

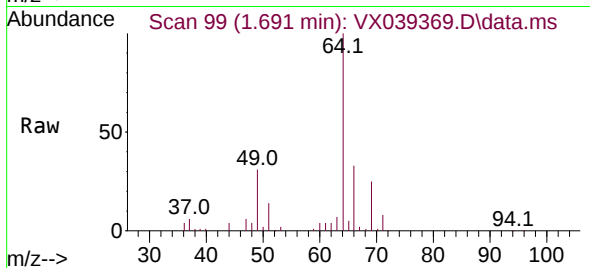
Tgt Ion: 94 Resp: 49577
 Ion Ratio Lower Upper
 94 100
 96 91.5 65.8 122.2



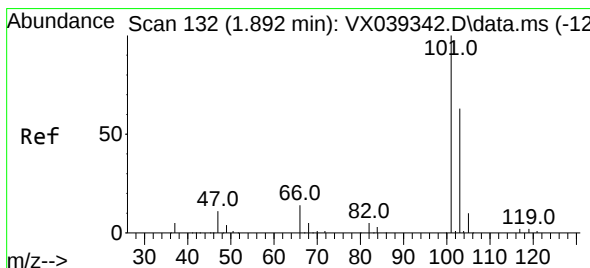
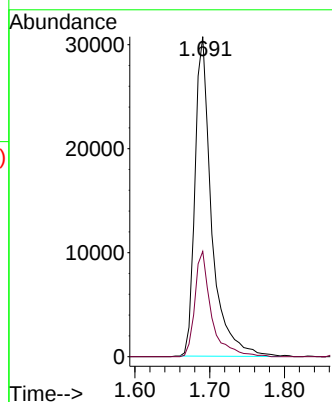
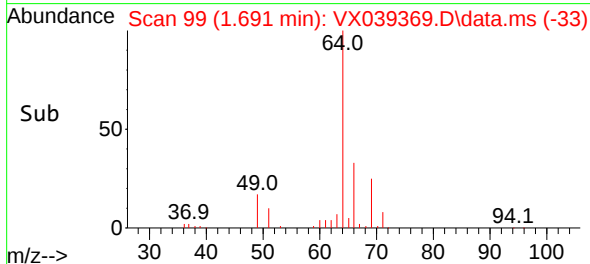


#8
 Chloroethane
 Concen: 47.745 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX039369.D
 Acq: 19 Dec 2023 20:07

Instrument :
 MSVOA_X
 ClientSampleId :

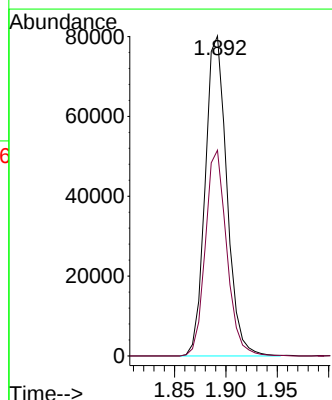
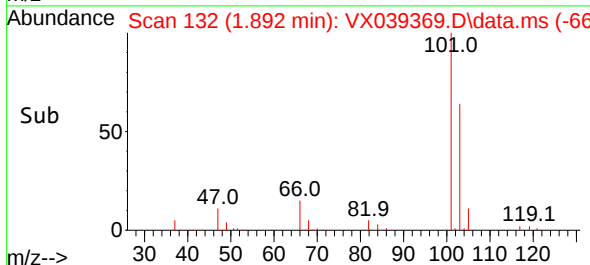
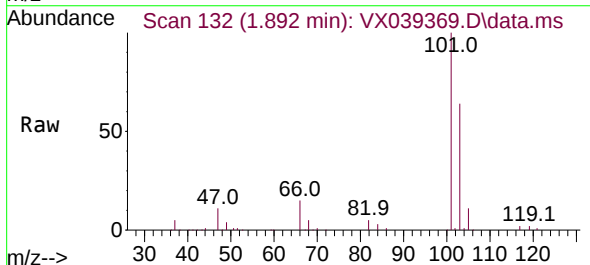


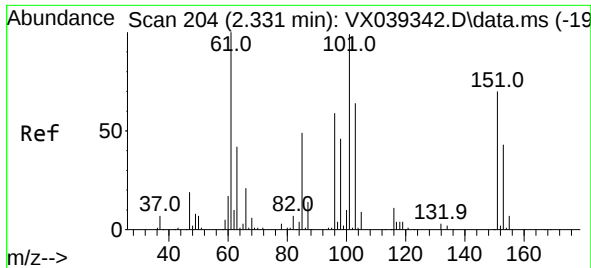
Tgt Ion: 64 Resp: 47539
 Ion Ratio Lower Upper
 64 100
 66 32.9 23.4 43.6



#9
 Trichlorofluoromethane
 Concen: 51.513 ug/L
 RT: 1.892 min Scan# 132
 Delta R.T. -0.000 min
 Lab File: VX039369.D
 Acq: 19 Dec 2023 20:07

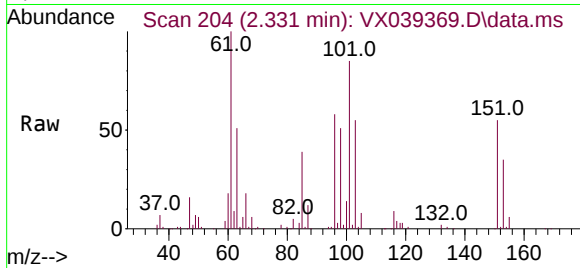
Tgt Ion: 101 Resp: 117581
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2



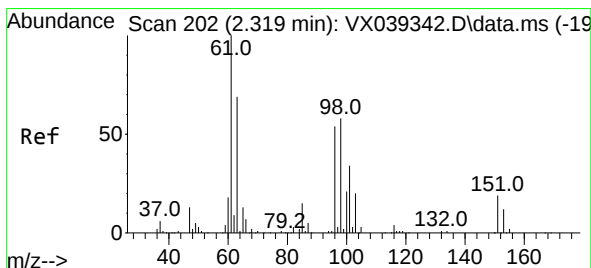
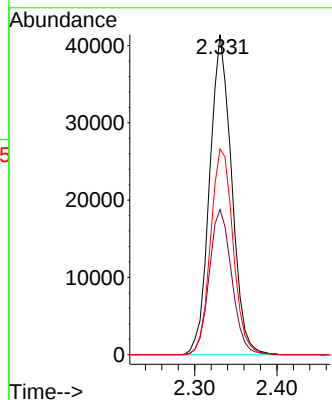
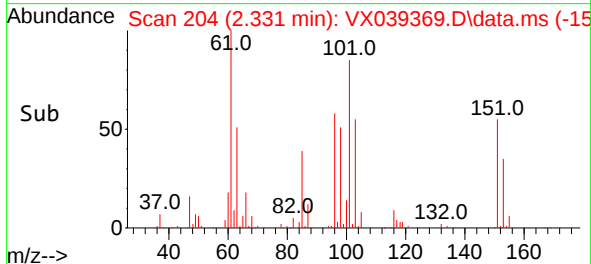


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.359 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX039369.D
 Acq: 19 Dec 2023 20:07

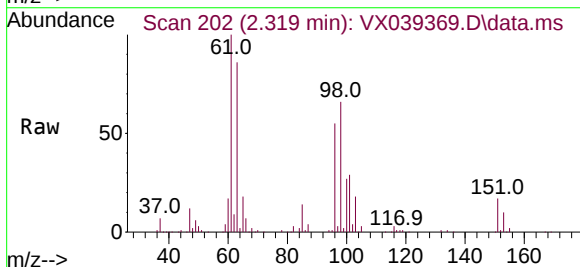
Instrument :
 MSVOA_X
 ClientSampleId :



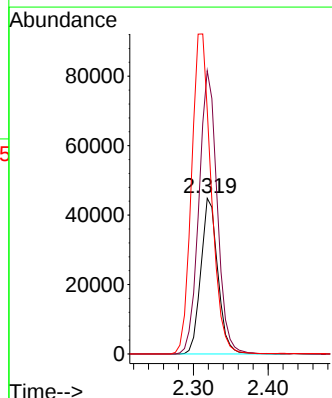
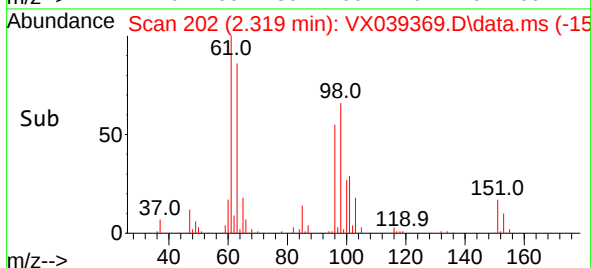
Tgt Ion:101 Resp: 76877
 Ion Ratio Lower Upper
 101 100
 85 46.5 35.8 53.6
 151 66.1 55.4 83.2

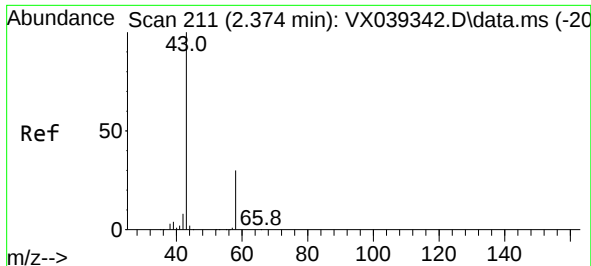


#12
 1,1-Dichloroethene
 Concen: 51.043 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039369.D
 Acq: 19 Dec 2023 20:07



Tgt Ion: 96 Resp: 70495
 Ion Ratio Lower Upper
 96 100
 61 182.0 128.0 237.6
 63 156.7 101.5 188.5





#13

Acetone

Concen: 80.943 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

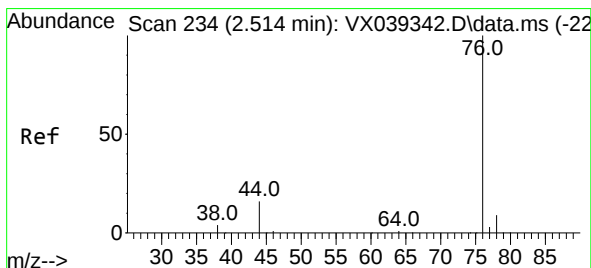
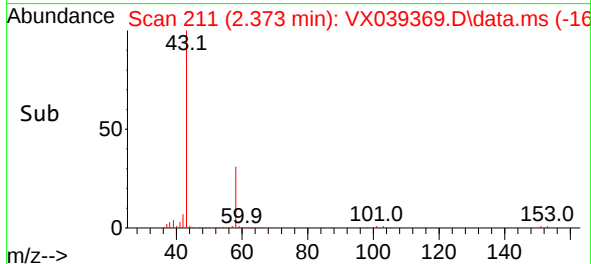
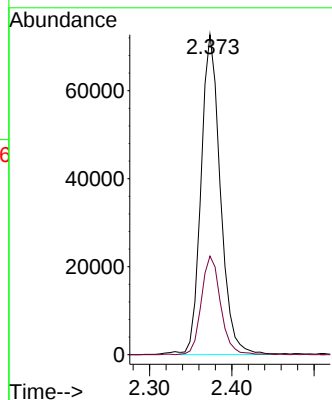
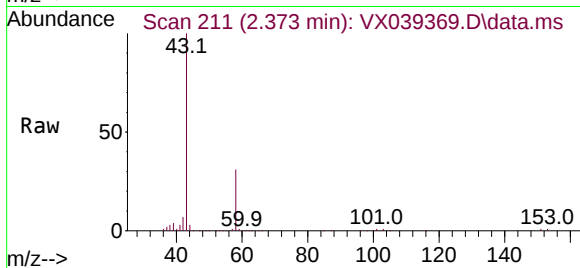
ClientSampleId :

Tgt Ion: 43 Resp: 118358

Ion Ratio Lower Upper

43 100

58 30.6 0.0 65.8



#14

Carbon disulfide

Concen: 44.782 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039369.D

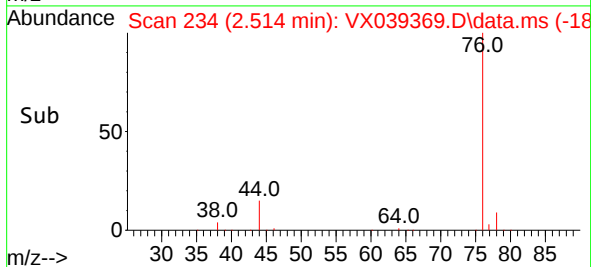
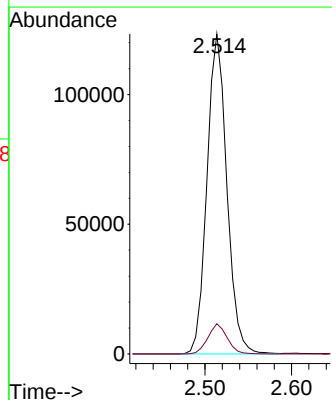
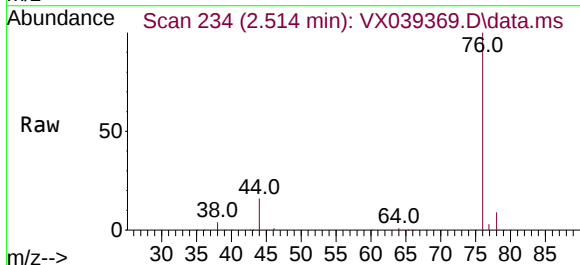
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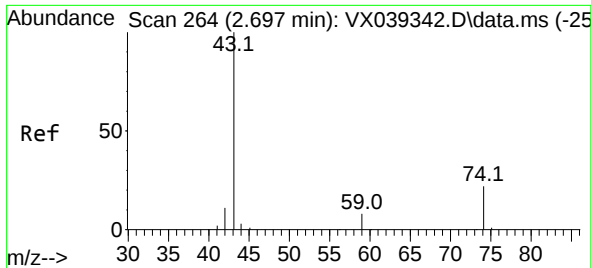
Tgt Ion: 76 Resp: 196808

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

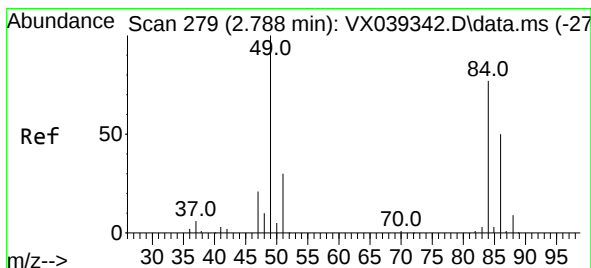
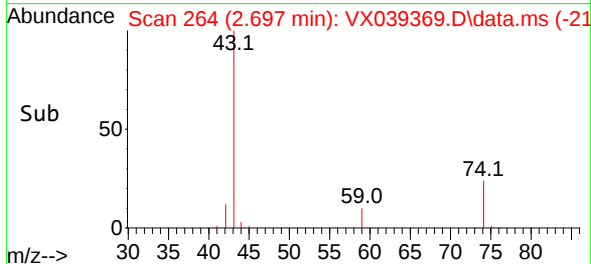
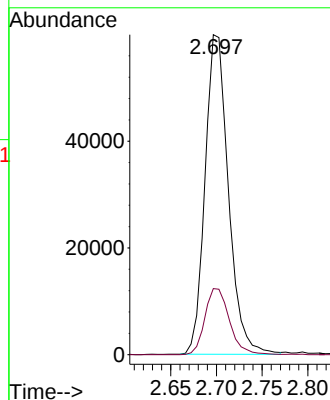
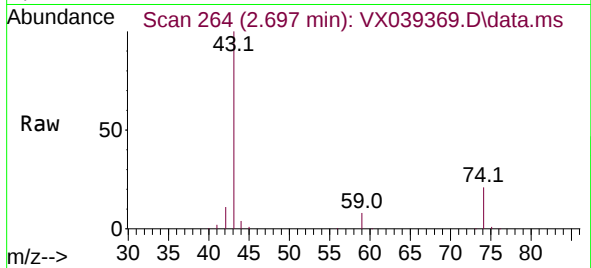




#15
Methyl Acetate
Concen: 50.926 ug/L
RT: 2.697 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

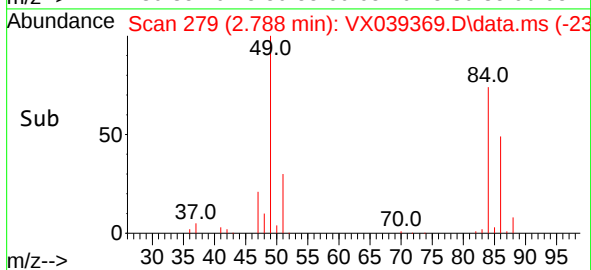
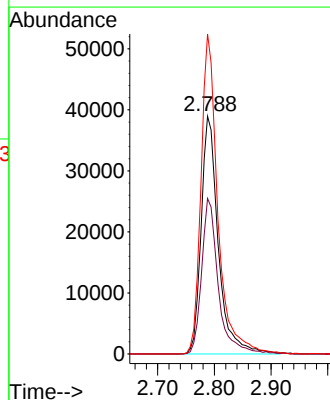
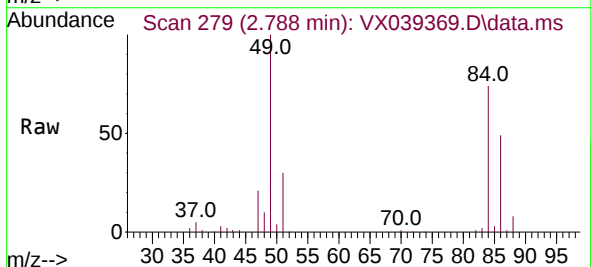
Instrument :
MSVOA_X
ClientSampleId :

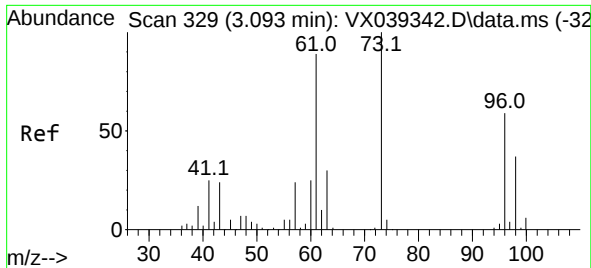
Tgt Ion: 43 Resp: 106437
Ion Ratio Lower Upper
43 100
74 21.7 18.2 27.4



#16
Methylene chloride
Concen: 51.693 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Tgt Ion: 84 Resp: 82025
Ion Ratio Lower Upper
84 100
86 65.4 44.7 82.9
49 134.6 90.9 168.7

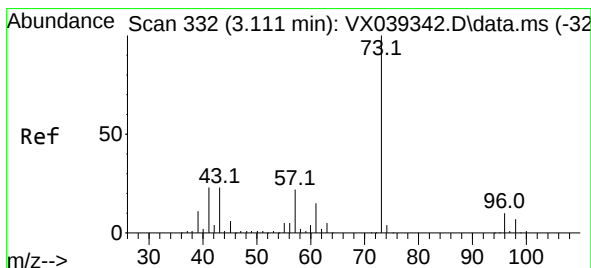
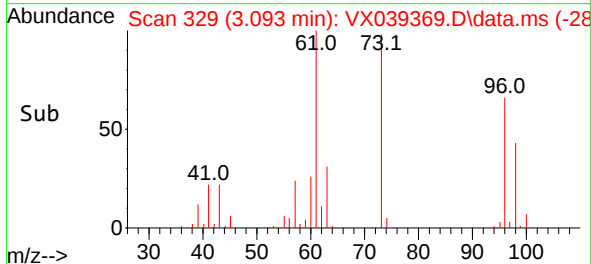
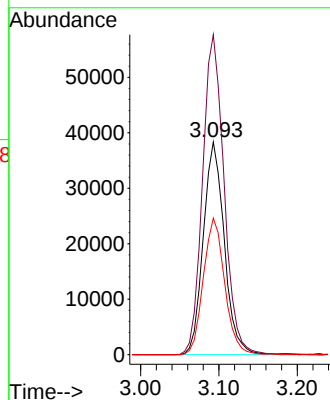
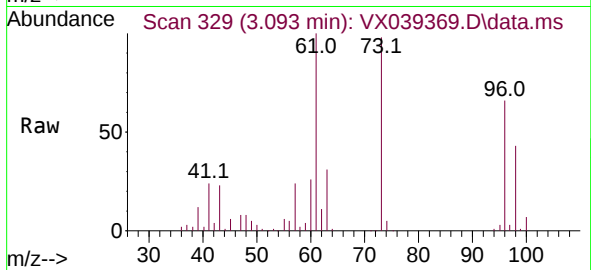




#17
trans-1,2-Dichloroethene
Concen: 49.116 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

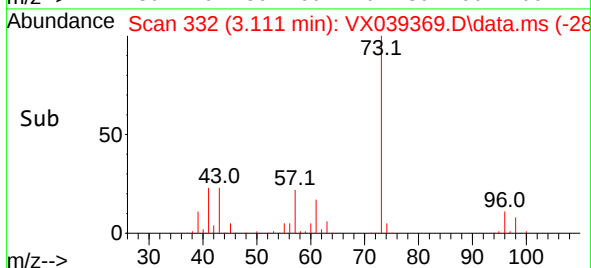
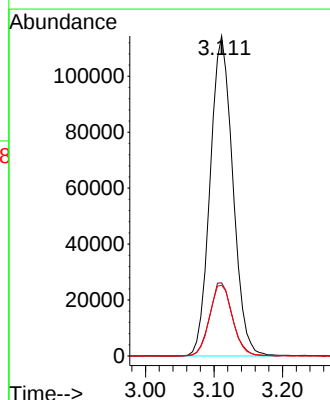
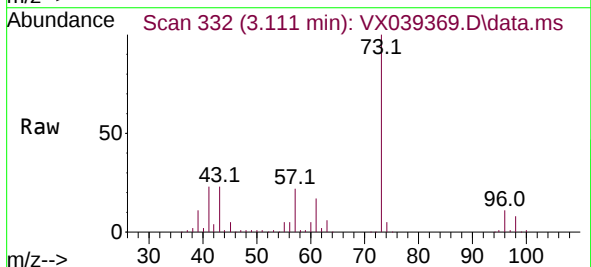
Instrument :
MSVOA_X
ClientSampleId :

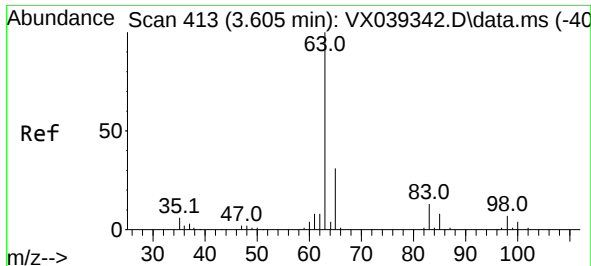
Tgt Ion: 96 Resp: 71472
Ion Ratio Lower Upper
96 100
61 150.4 99.8 185.3
98 64.1 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 51.859 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Tgt Ion: 73 Resp: 262673
Ion Ratio Lower Upper
73 100
43 22.9 16.9 25.3
57 22.5 18.5 27.7

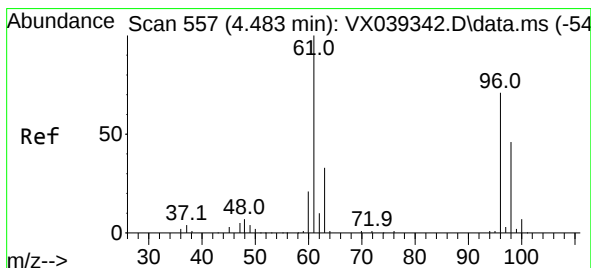
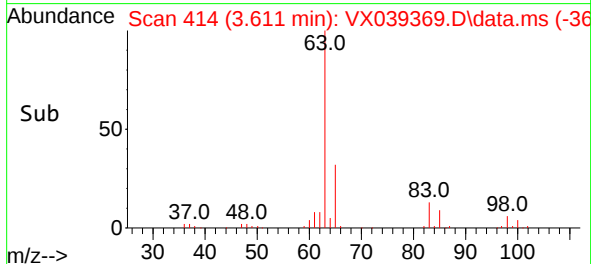
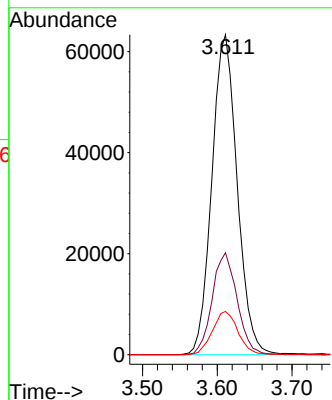
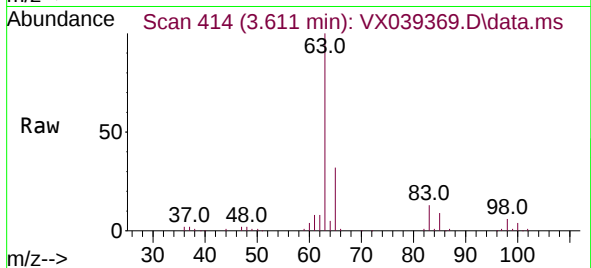




#19
1,1-Dichloroethane
Concen: 51.848 ug/L
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

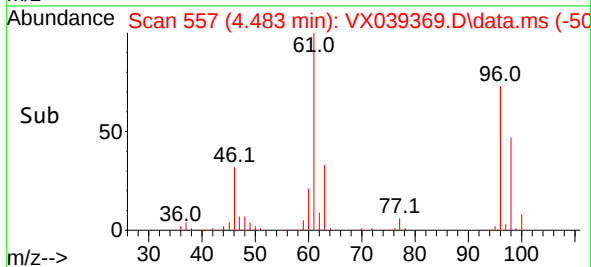
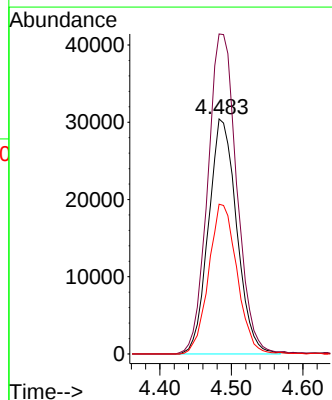
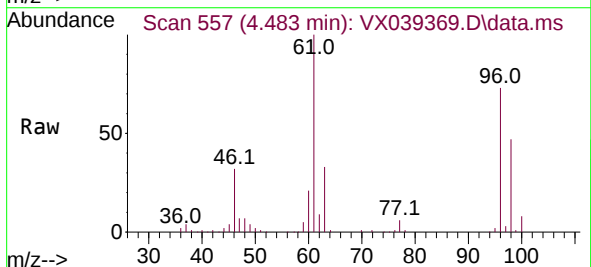
Instrument :
MSVOA_X
ClientSampleId :

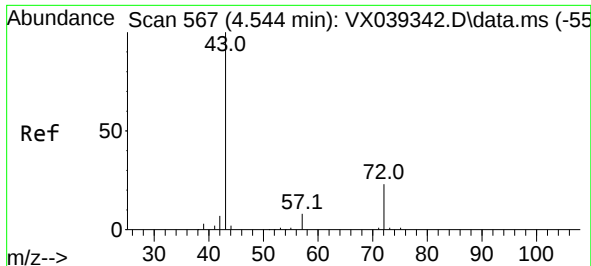
Tgt Ion: 63 Resp: 149182
Ion Ratio Lower Upper
63 100
65 31.9 21.1 39.3
83 13.5 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 49.342 ug/L
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Tgt Ion: 96 Resp: 83281
Ion Ratio Lower Upper
96 100
61 136.2 91.7 170.3
98 63.7 44.2 82.2

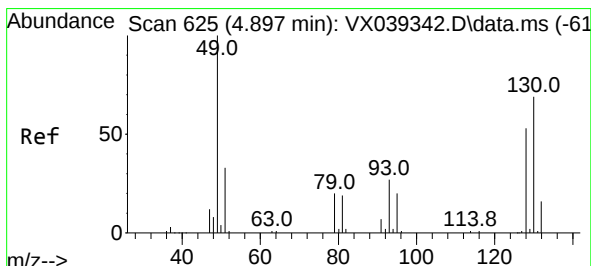
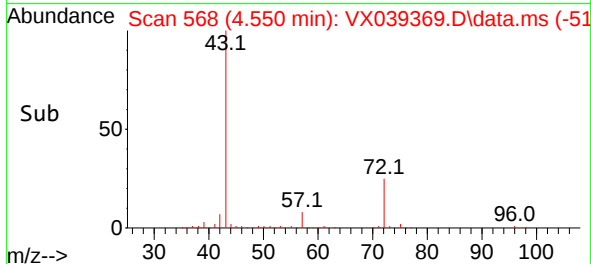
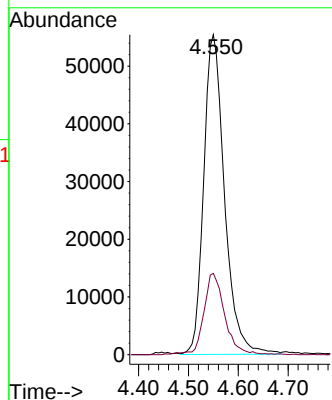
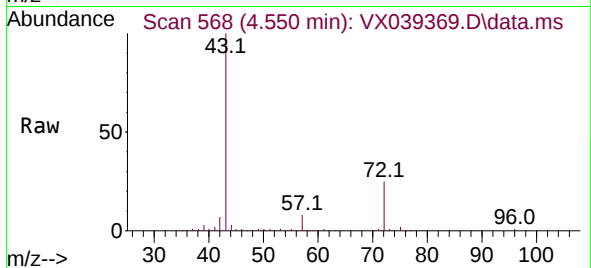




#22
2-Butanone
Concen: 89.682 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

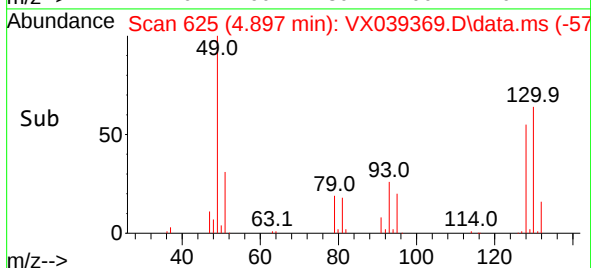
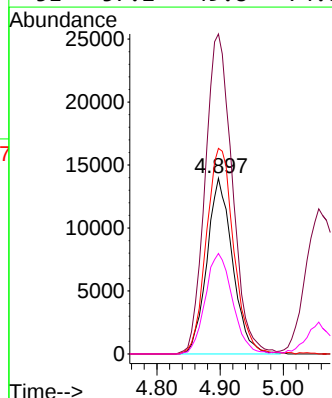
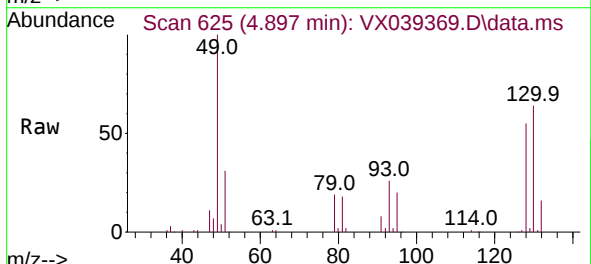
Instrument :
MSVOA_X
ClientSampleId :

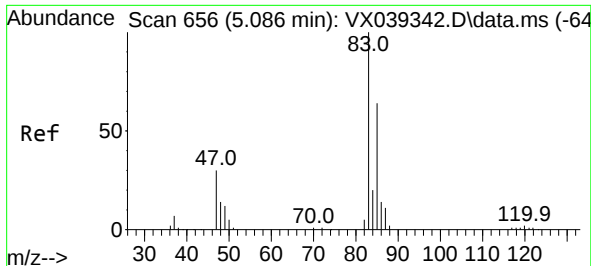
Tgt Ion: 43 Resp: 160938
Ion Ratio Lower Upper
43 100
72 23.2 12.6 37.6



#23
Bromochloromethane
Concen: 49.571 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Tgt Ion:128 Resp: 39331
Ion Ratio Lower Upper
128 100
49 182.1 130.8 243.0
130 117.0 90.6 168.3
51 57.2 49.8 74.8





#25

Chloroform

Concen: 53.600 ug/L

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

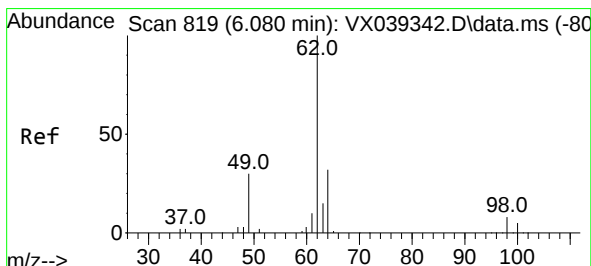
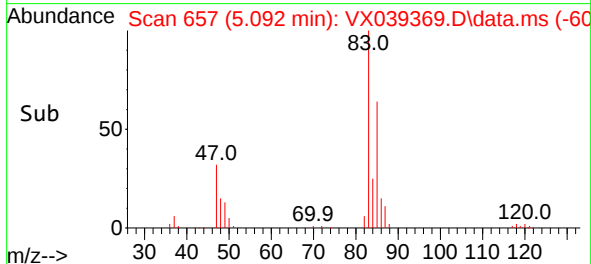
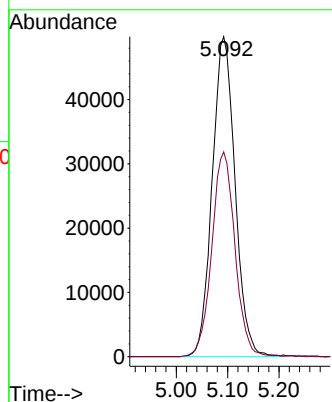
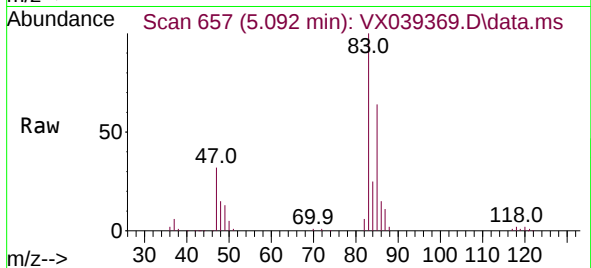
ClientSampleId :

Tgt Ion: 83 Resp: 153827

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7



#27

1,2-Dichloroethane

Concen: 56.218 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX039369.D

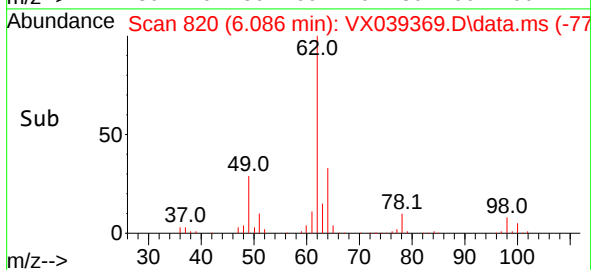
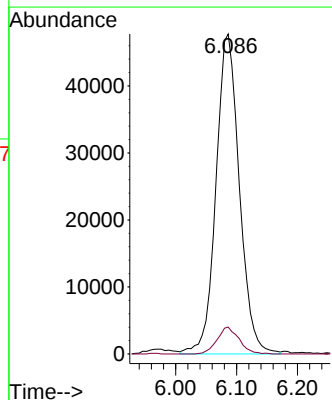
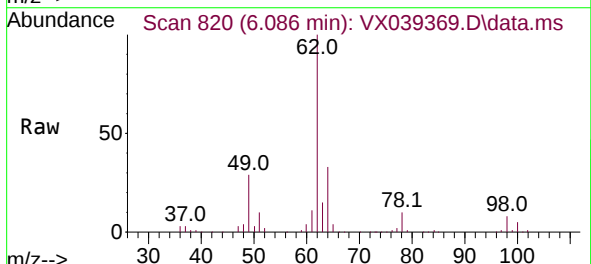
Acq: 19 Dec 2023 20:07

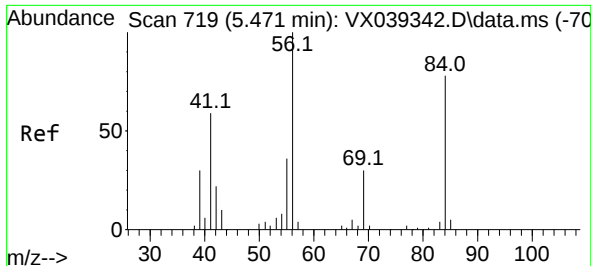
Tgt Ion: 62 Resp: 127339

Ion Ratio Lower Upper

62 100

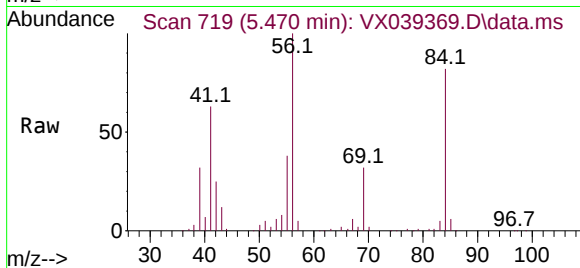
98 8.4 8.0 12.0



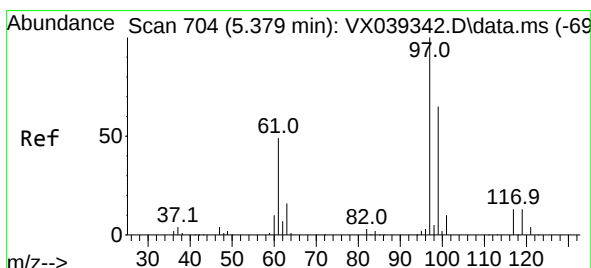
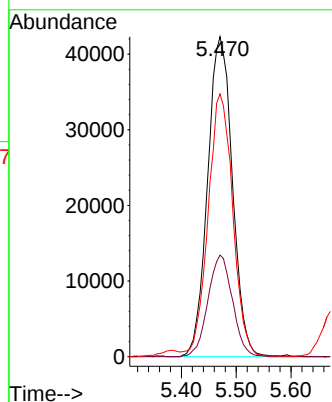
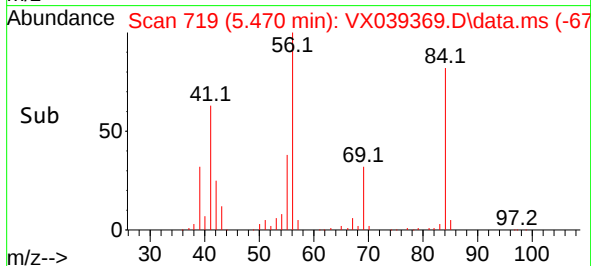


#29
Cyclohexane
Concen: 46.855 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Instrument :
MSVOA_X
ClientSampleId :

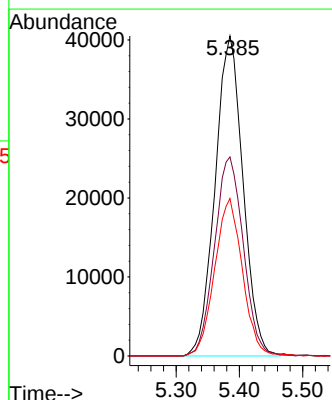
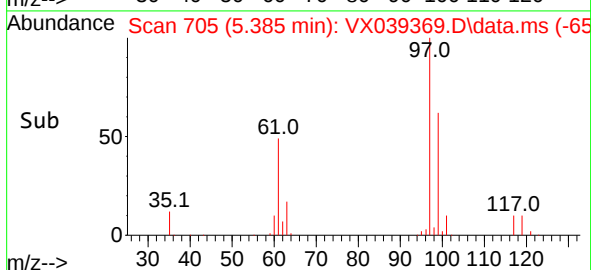
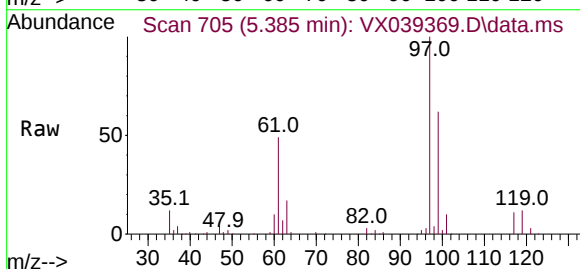


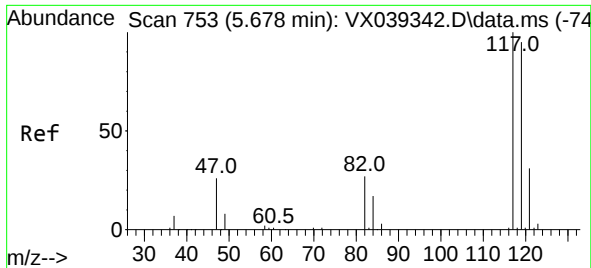
Tgt Ion: 56 Resp: 132855
Ion Ratio Lower Upper
56 100
69 31.3 24.5 36.7
84 81.6 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 50.448 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Tgt Ion: 97 Resp: 124070
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 48.9 36.7 55.1

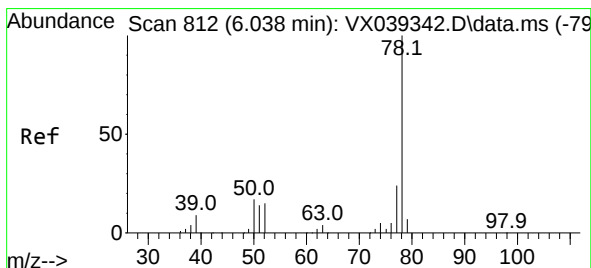
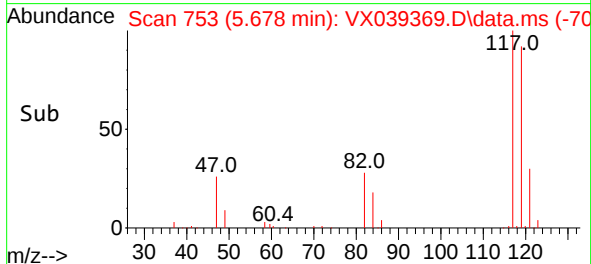
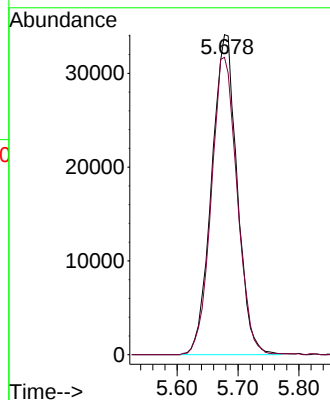
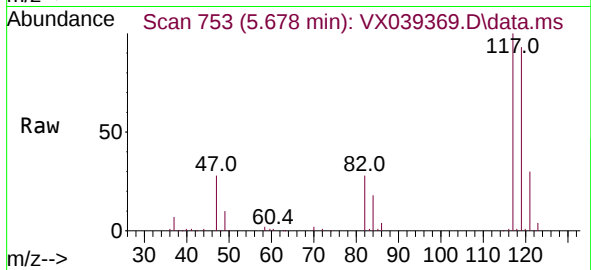




#31
Carbon tetrachloride
Concen: 48.320 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

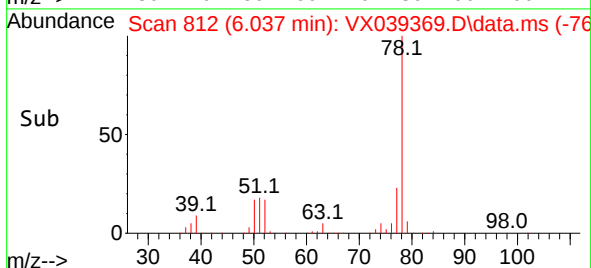
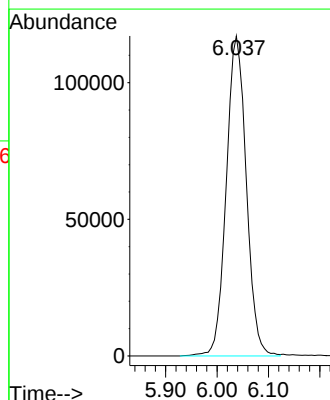
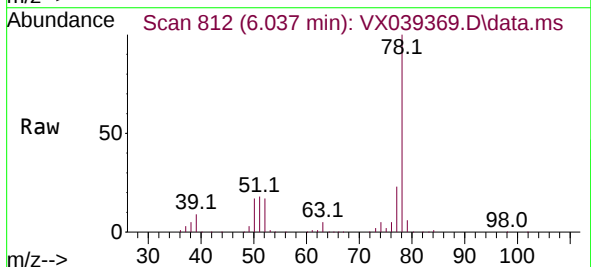
Instrument :
MSVOA_X
ClientSampleId :

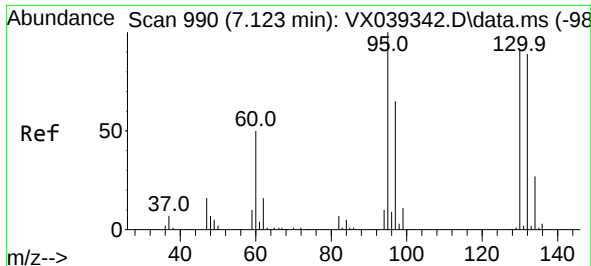
Tgt Ion:117 Resp: 99147
Ion Ratio Lower Upper
117 100
119 94.0 77.0 115.4



#33
Benzene
Concen: 49.208 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

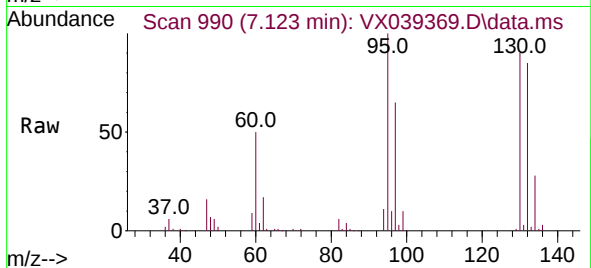
Tgt Ion: 78 Resp: 316974





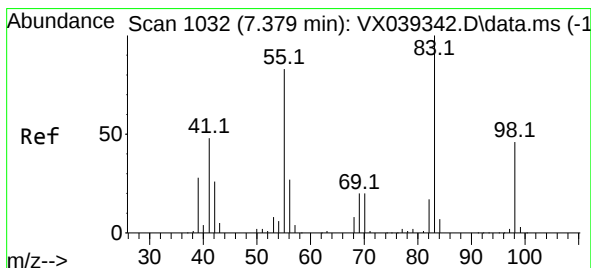
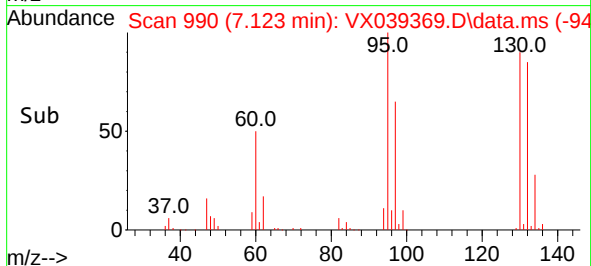
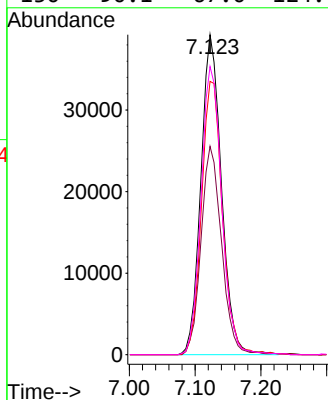
#34
Trichloroethene
Concen: 50.247 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 85537

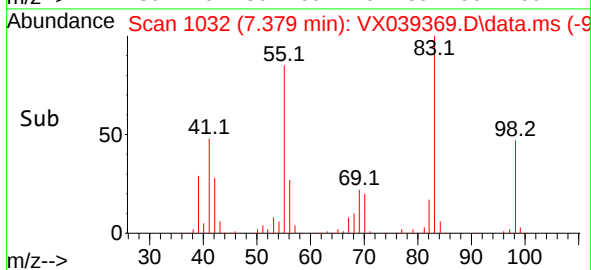
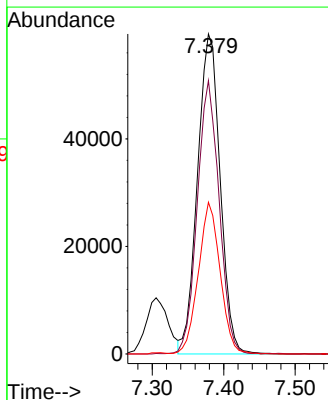
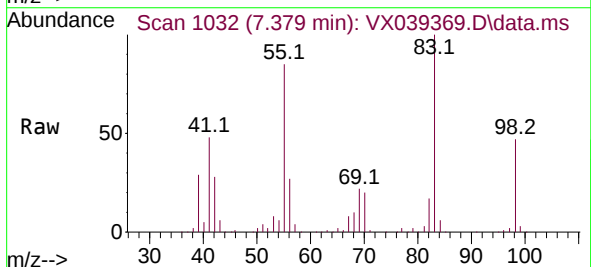
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.5	84.5
132	85.4	62.2	115.4
130	90.1	67.0	124.4

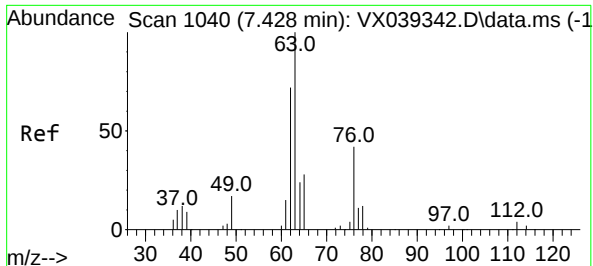


#35
Methylcyclohexane
Concen: 46.262 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Tgt Ion: 83 Resp: 131159

Ion	Ratio	Lower	Upper
83	100		
55	82.3	62.5	93.7
98	45.6	36.1	54.1





#37

1,2-Dichloropropane

Concen: 48.865 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

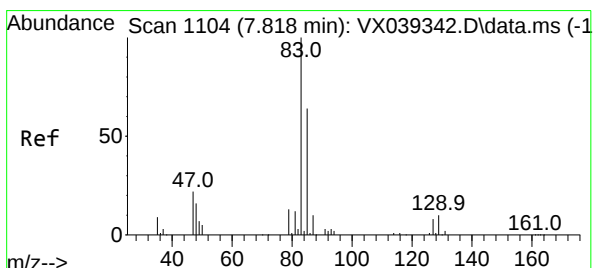
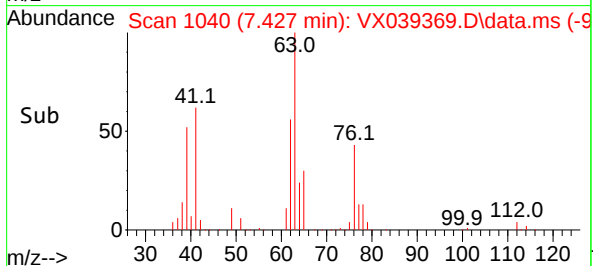
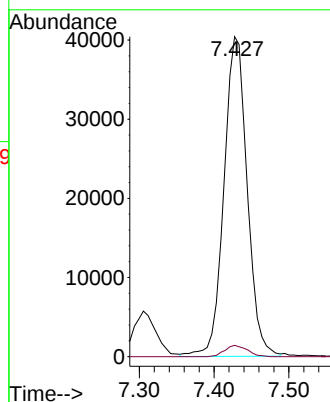
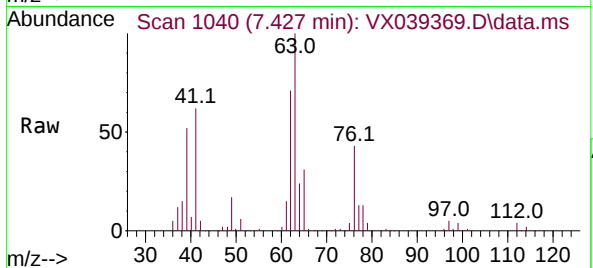
ClientSampleId :

Tgt Ion: 63 Resp: 87295

Ion Ratio Lower Upper

63 100

112 3.5 2.8 4.2



#38

Bromodichloromethane

Concen: 49.288 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

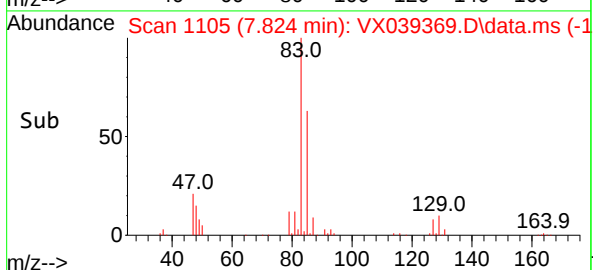
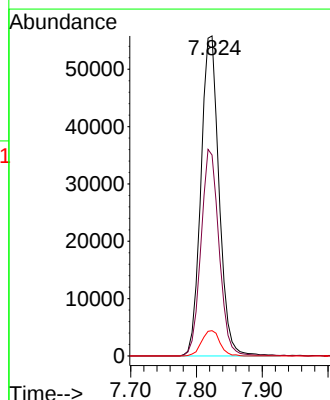
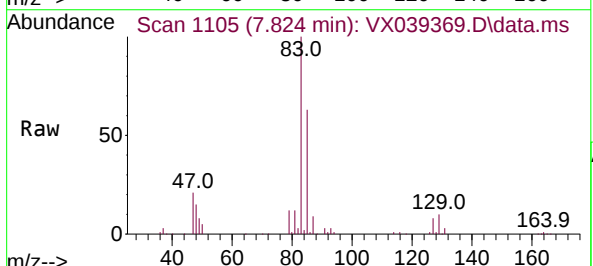
Tgt Ion: 83 Resp: 107096

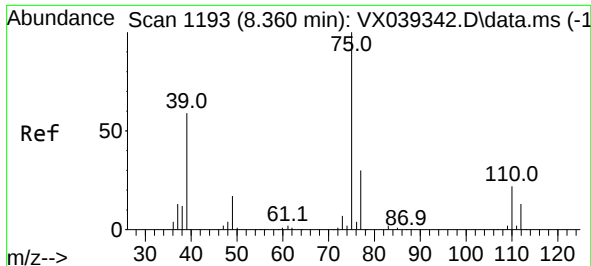
Ion Ratio Lower Upper

83 100

85 62.8 43.3 80.5

127 7.9 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 46.666 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

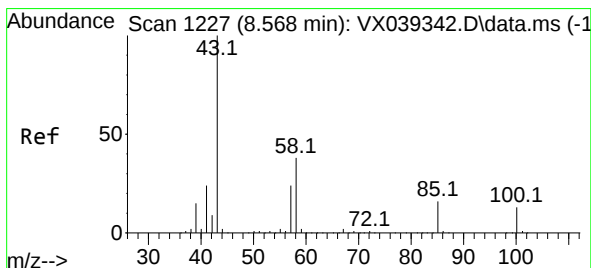
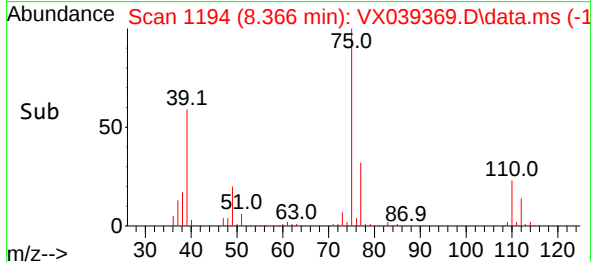
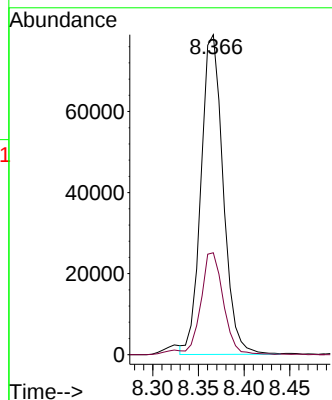
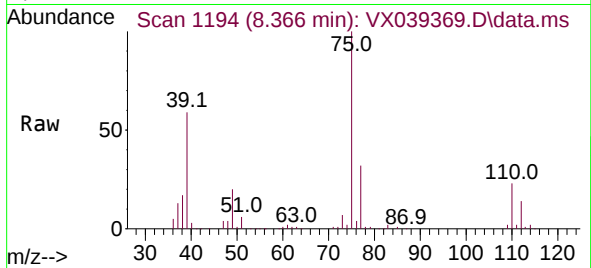
ClientSampleId :

Tgt Ion: 75 Resp: 132963

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 98.707 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

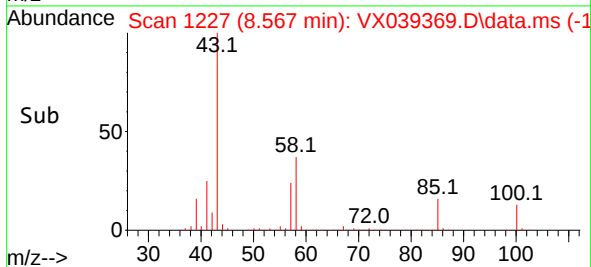
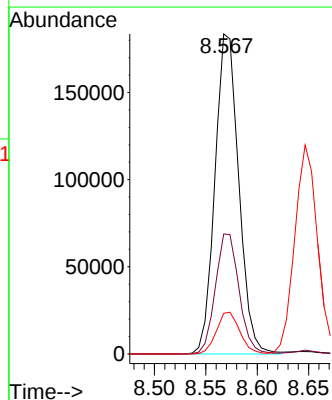
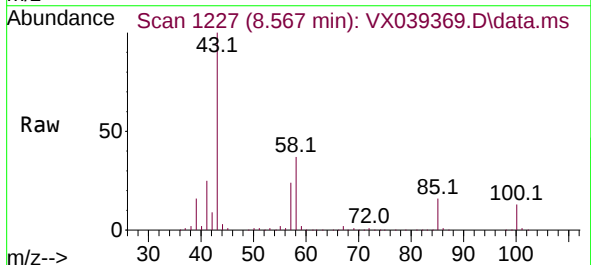
Tgt Ion: 43 Resp: 295535

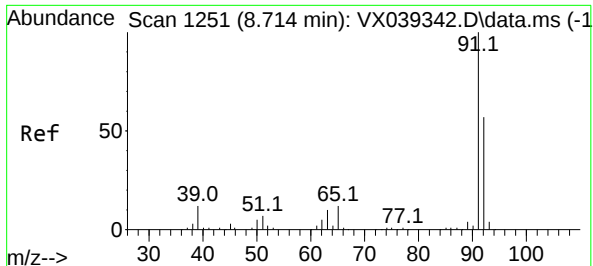
Ion Ratio Lower Upper

43 100

58 37.3 30.9 46.3

100 12.9 10.6 16.0





#42

Toluene

Concen: 48.994 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

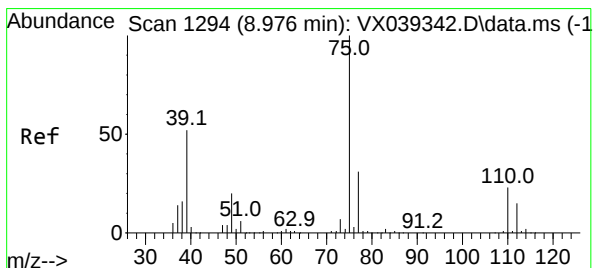
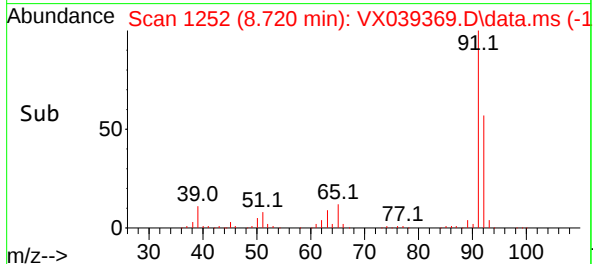
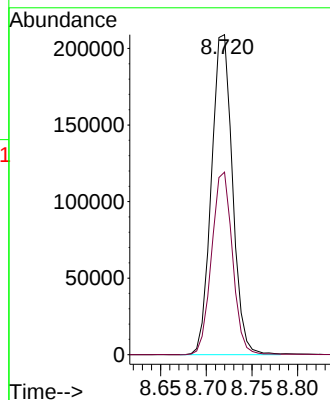
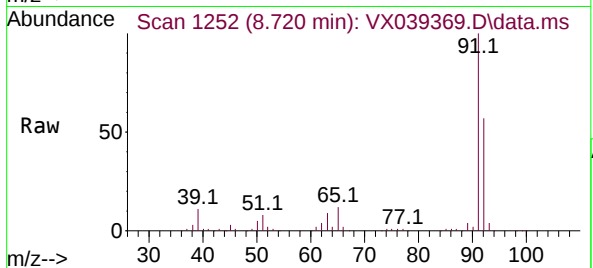
ClientSampleId :

Tgt Ion: 91 Resp: 334663

Ion Ratio Lower Upper

91 100

92 57.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 48.290 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039369.D

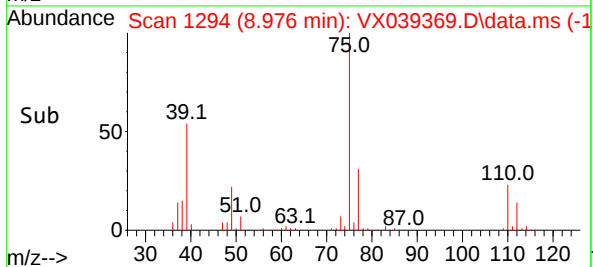
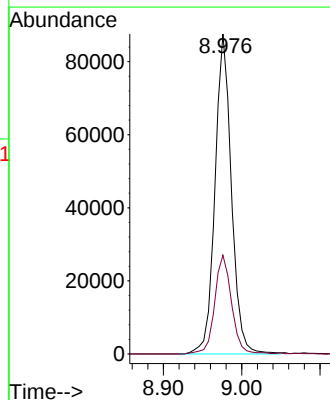
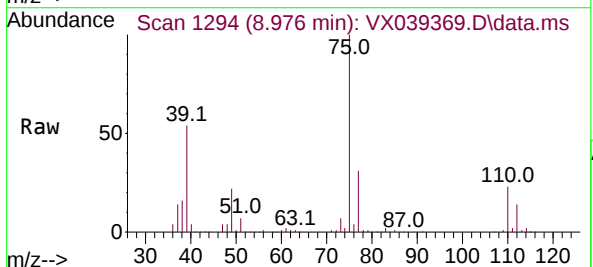
Acq: 19 Dec 2023 20:07

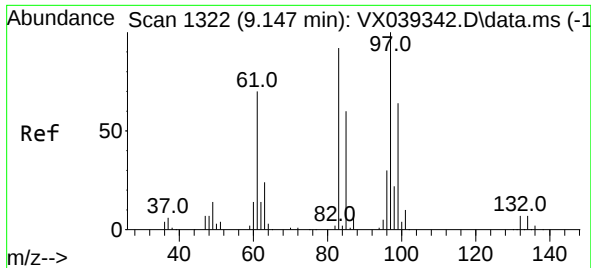
Tgt Ion: 75 Resp: 127684

Ion Ratio Lower Upper

75 100

77 30.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 49.776 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 81492

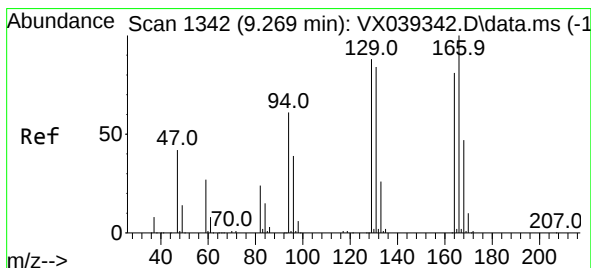
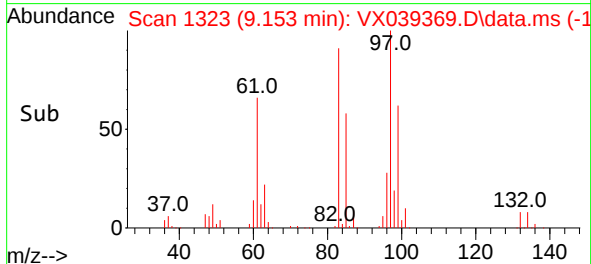
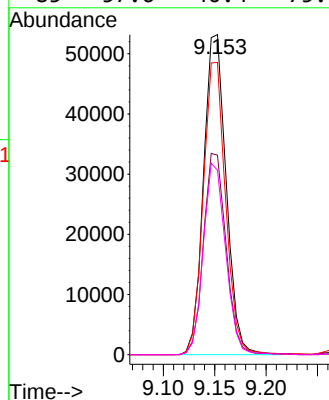
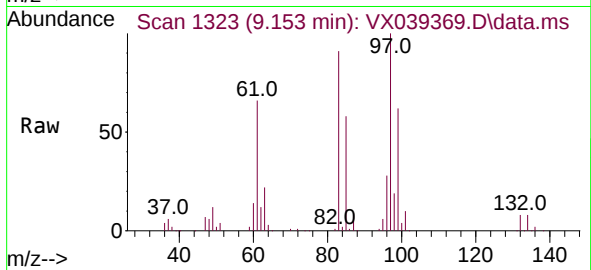
Ion Ratio Lower Upper

97 100

99 62.3 43.1 80.1

83 91.4 64.0 118.8

85 57.6 40.4 75.0



#46

Tetrachloroethene

Concen: 48.101 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Tgt Ion: 164 Resp: 54016

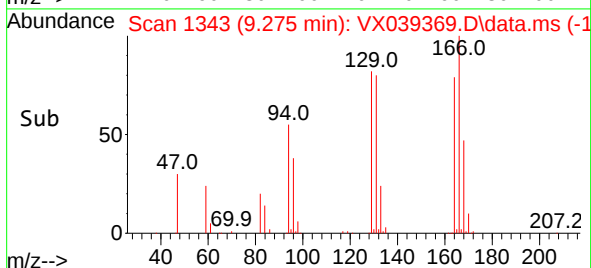
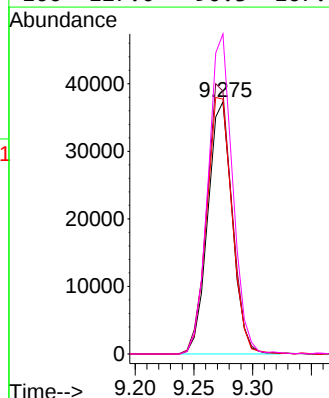
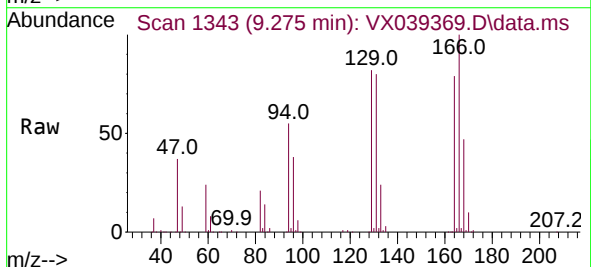
Ion Ratio Lower Upper

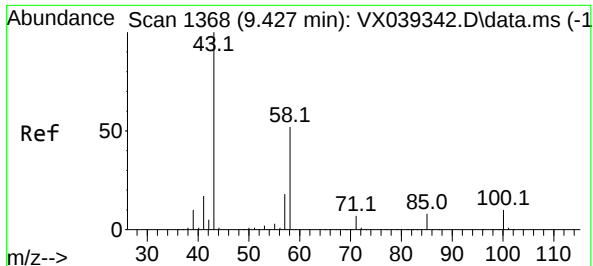
164 100

129 104.4 71.9 133.5

131 101.1 69.5 129.1

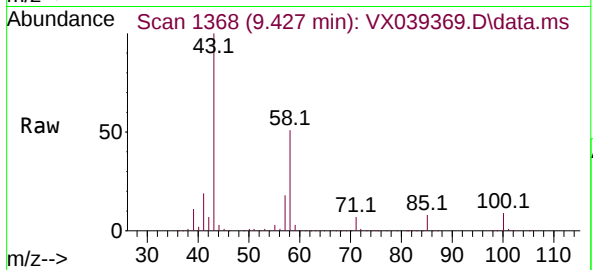
166 127.0 90.3 167.7



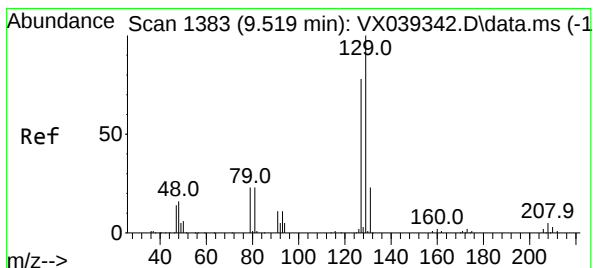
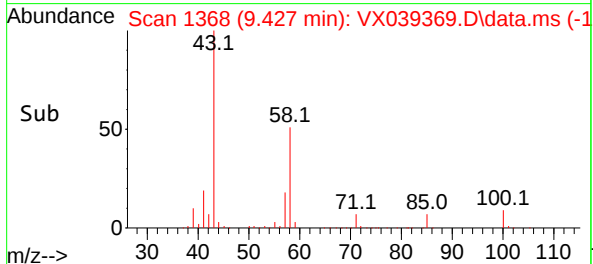
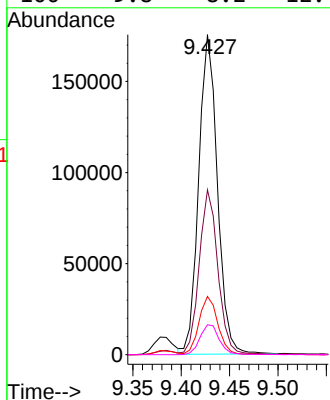


#48
2-Hexanone
Concen: 94.425 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Instrument :
MSVOA_X
ClientSampleId :

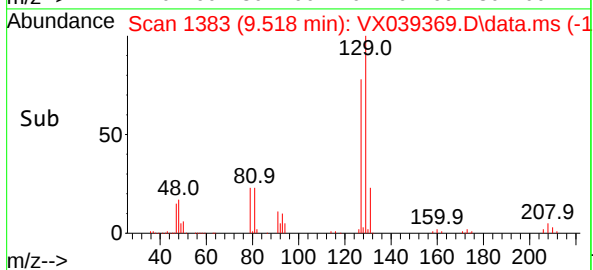
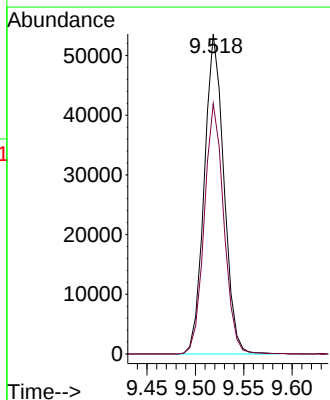
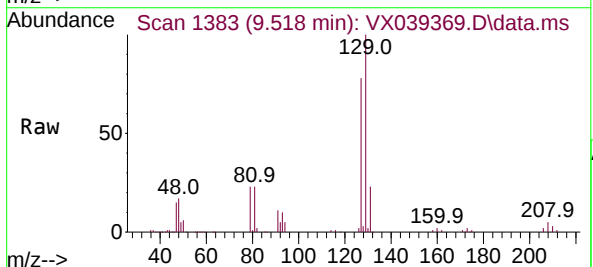


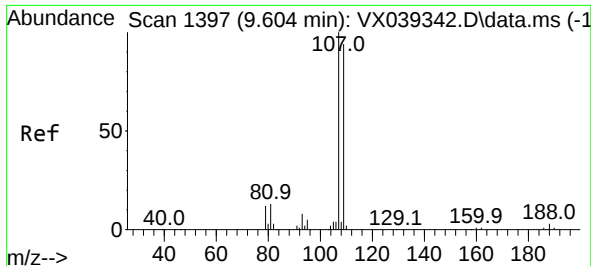
Tgt Ion:	43	58	57	100	Resp:	236623
Ion Ratio	100	51.4	18.3	9.8		
Lower		43.0	14.6	8.2		
Upper		64.6	21.8	12.4		



#49
Dibromochloromethane
Concen: 47.370 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Tgt Ion:	129	127	Resp:	75552
Ion Ratio	100	78.2		
Lower		55.2		
Upper		102.4		

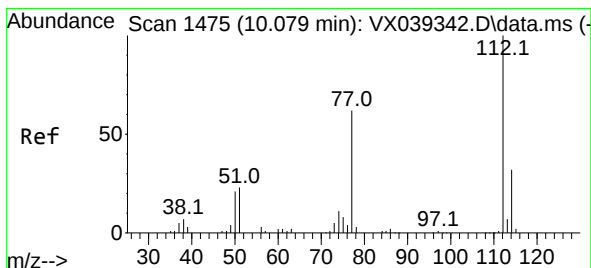
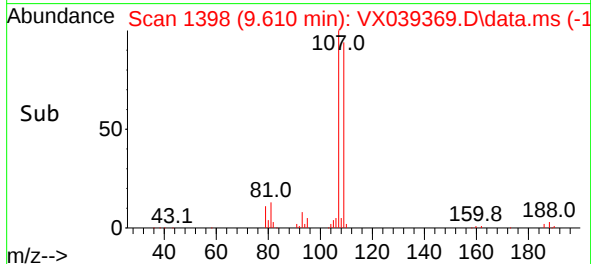
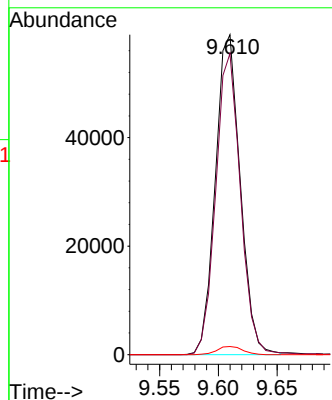
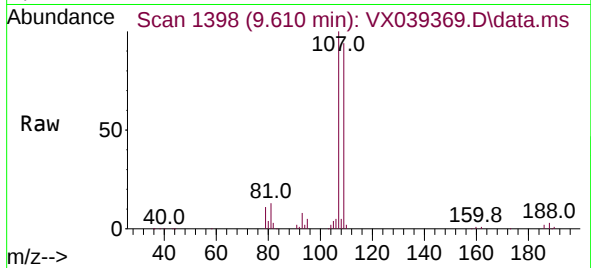




#50
1,2-Dibromoethane
Concen: 49.543 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

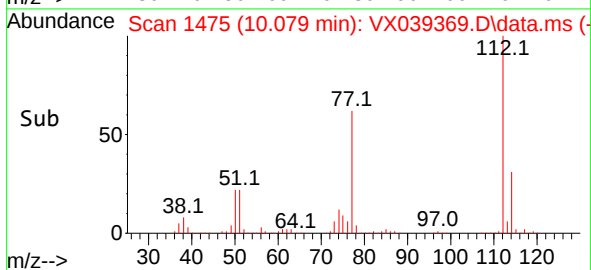
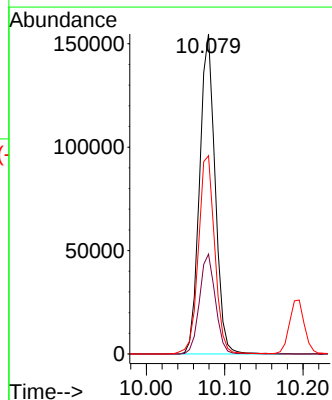
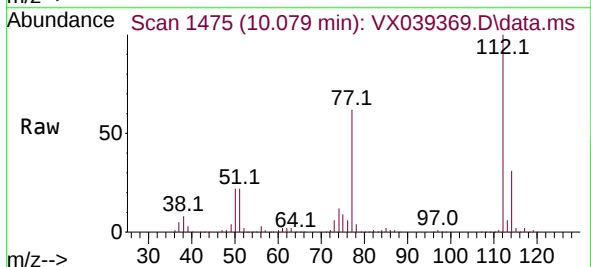
Instrument :
MSVOA_X
ClientSampleId :

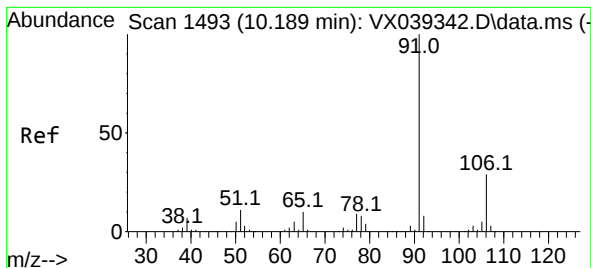
Tgt Ion:107 Resp: 86896
Ion Ratio Lower Upper
107 100
109 94.1 65.2 121.0
188 2.6 2.5 3.7



#51
Chlorobenzene
Concen: 50.632 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Tgt Ion:112 Resp: 213629
Ion Ratio Lower Upper
112 100
114 31.2 21.8 40.4
77 62.0 49.0 73.6





#52

Ethylbenzene

Concen: 49.883 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

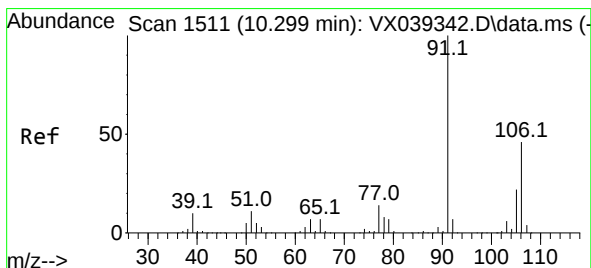
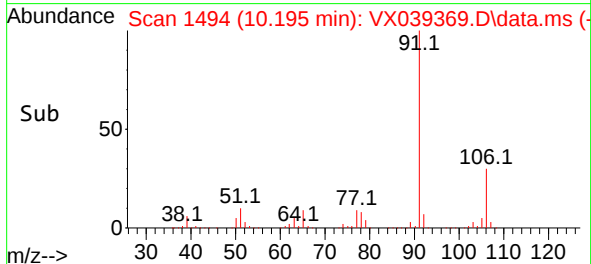
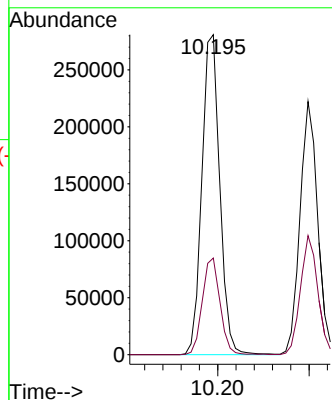
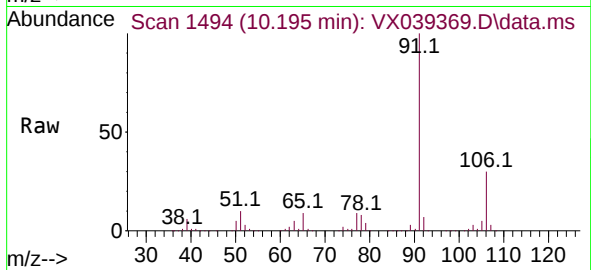
ClientSampleId :

Tgt Ion: 91 Resp: 380930

Ion Ratio Lower Upper

91 100

106 30.2 21.2 39.4



#53

m,p-Xylene

Concen: 48.474 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039369.D

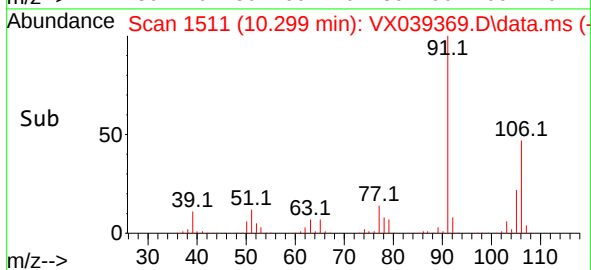
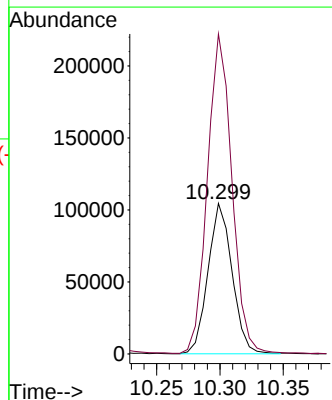
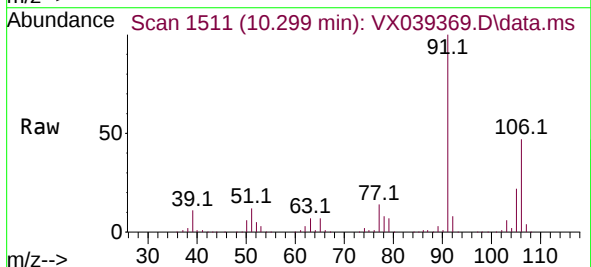
Acq: 19 Dec 2023 20:07

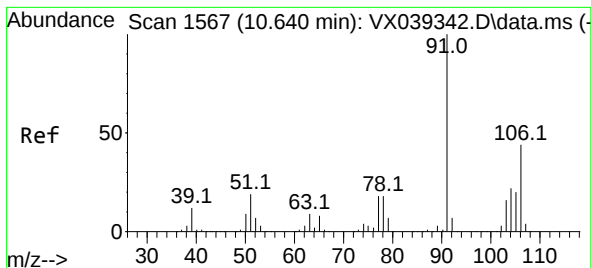
Tgt Ion:106 Resp: 138402

Ion Ratio Lower Upper

106 100

91 212.6 149.0 276.8





#54

o-Xylene

Concen: 48.823 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

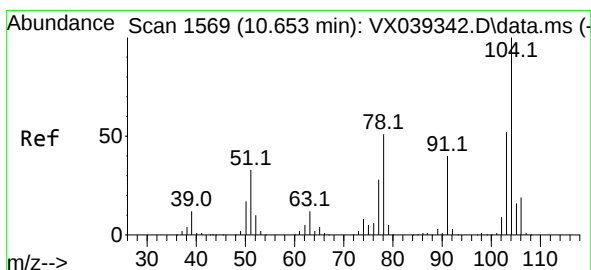
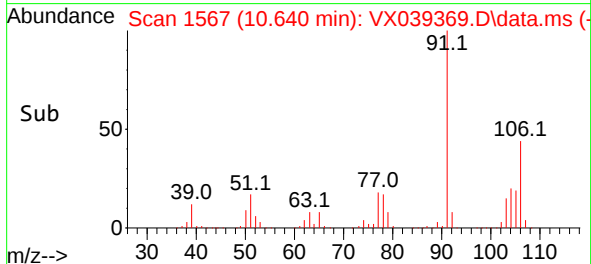
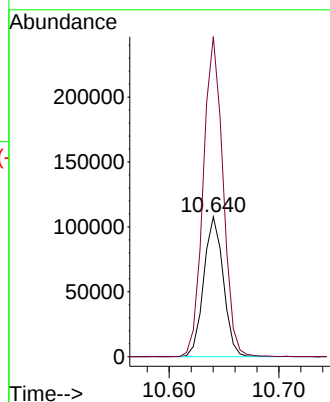
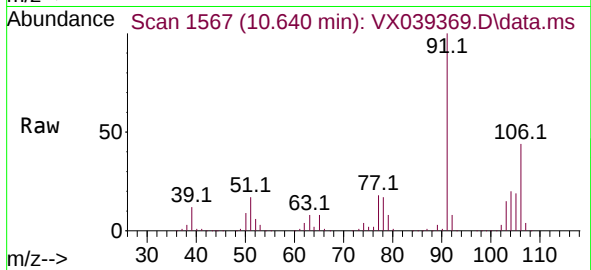
ClientSampleId :

Tgt Ion:106 Resp: 133759

Ion Ratio Lower Upper

106 100

91 228.8 156.2 290.0



#55

Styrene

Concen: 49.820 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039369.D

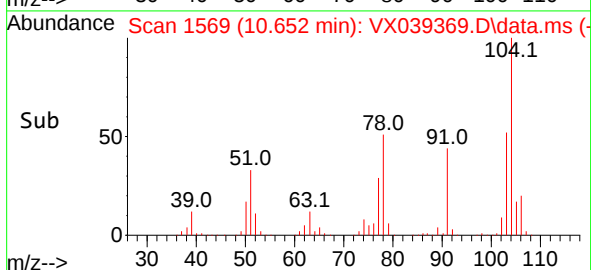
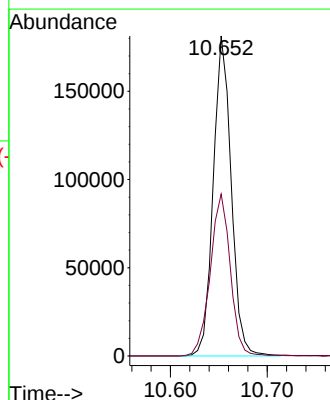
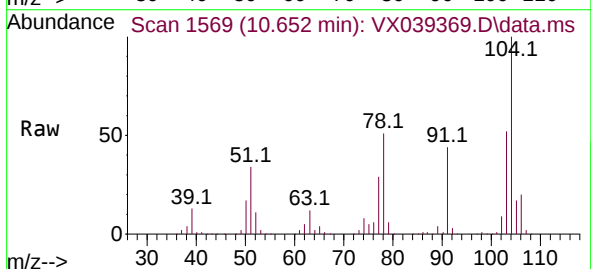
Acq: 19 Dec 2023 20:07

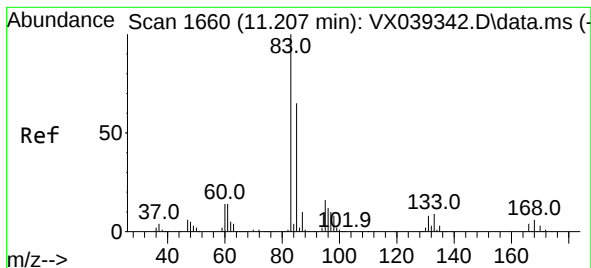
Tgt Ion:104 Resp: 233539

Ion Ratio Lower Upper

104 100

78 50.6 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 49.477 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

ClientSampleId :

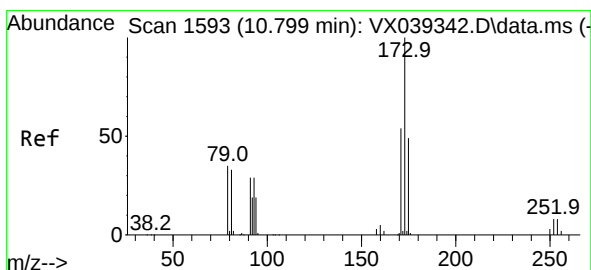
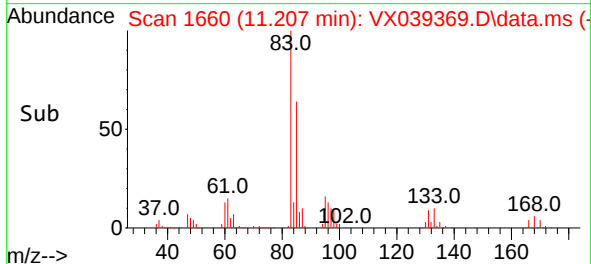
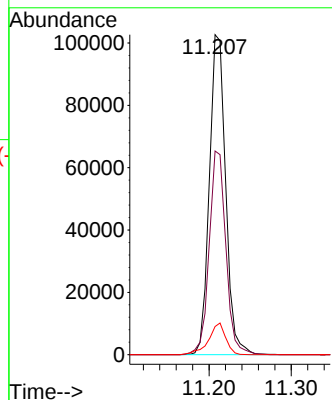
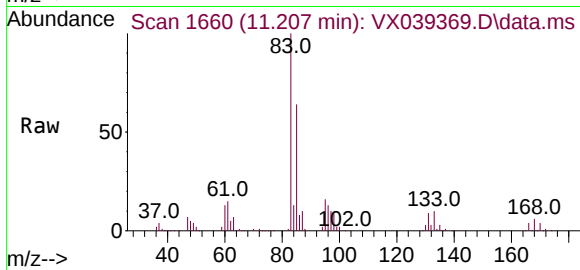
Tgt Ion: 83 Resp: 141363

Ion Ratio Lower Upper

83 100

85 63.6 45.2 84.0

131 8.8 7.2 10.8



#59

Bromoform

Concen: 42.153 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

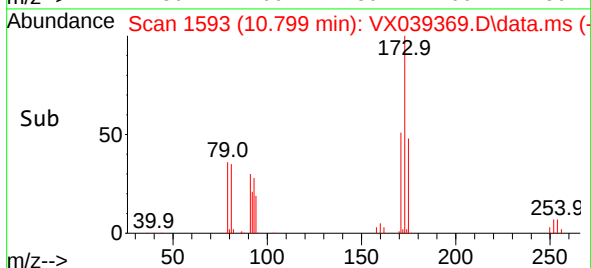
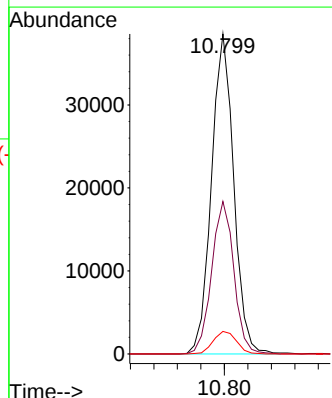
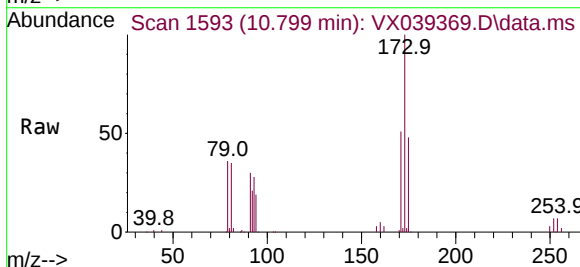
Tgt Ion:173 Resp: 50634

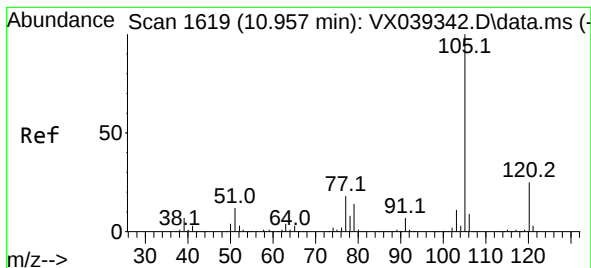
Ion Ratio Lower Upper

173 100

175 47.6 38.7 58.1

254 7.4 6.2 9.2





#60

Isopropylbenzene

Concen: 49.504 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

ClientSampleId :

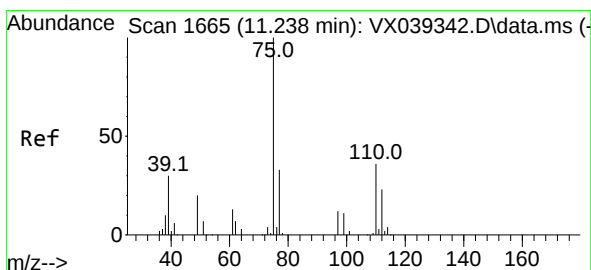
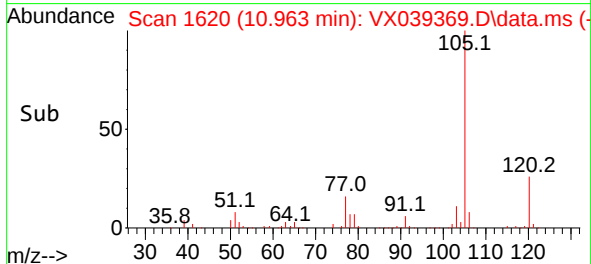
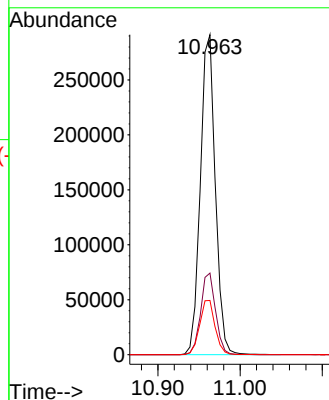
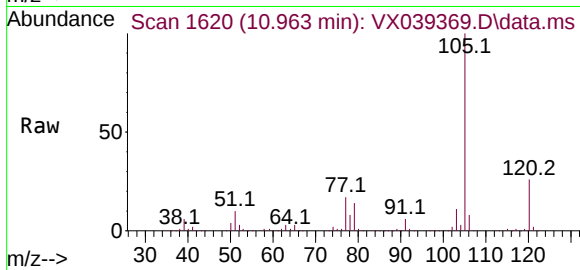
Tgt Ion:105 Resp: 369712

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 17.5 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 50.605 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

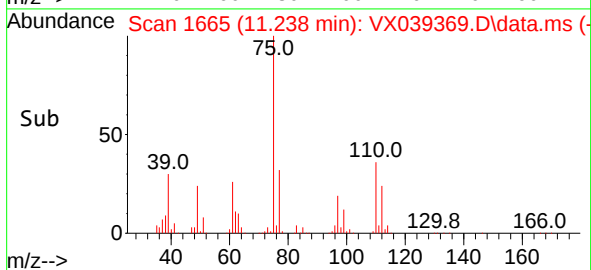
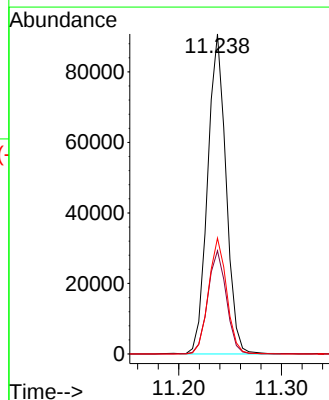
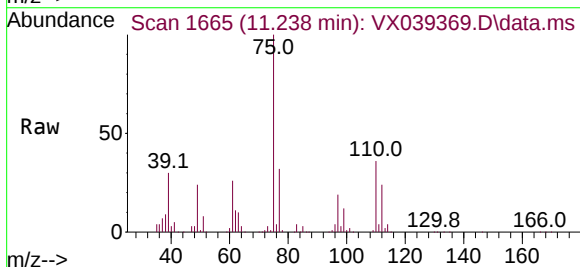
Tgt Ion: 75 Resp: 113302

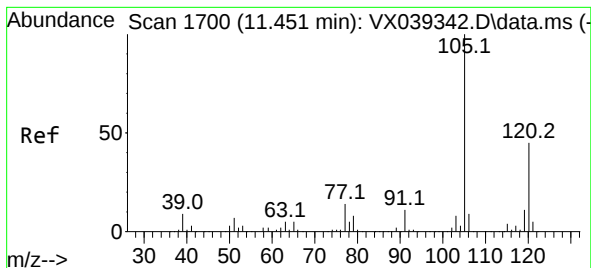
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 35.6 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 50.229 ug/L

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039369.D

Acq: 19 Dec 2023 20:07

Instrument :

MSVOA_X

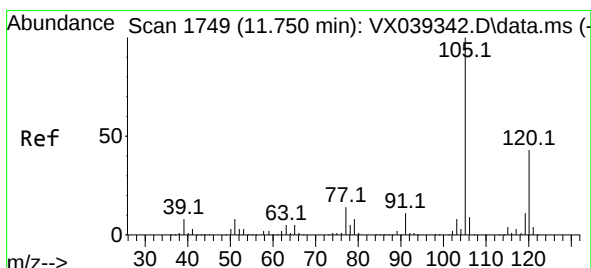
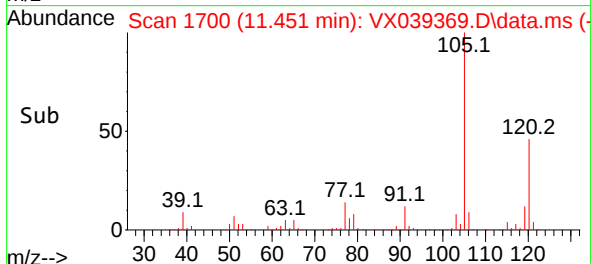
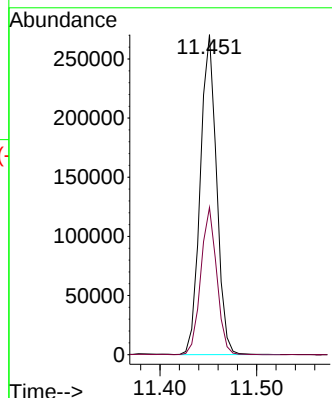
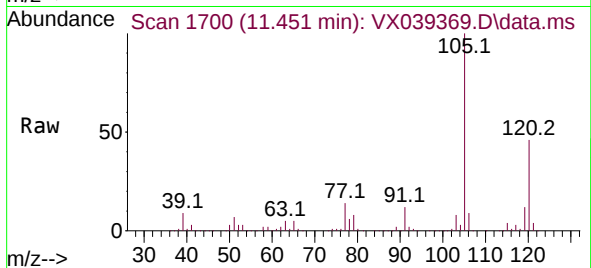
ClientSampleId :

Tgt Ion:105 Resp: 316701

Ion Ratio Lower Upper

105 100

120 45.1 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 50.011 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039369.D

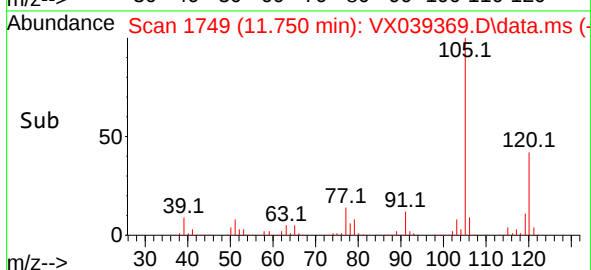
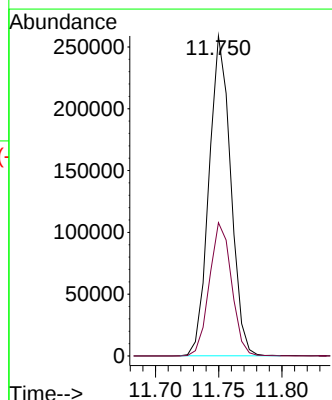
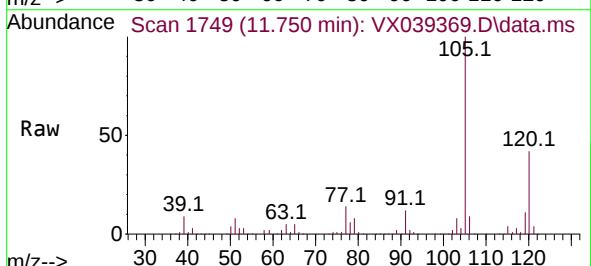
Acq: 19 Dec 2023 20:07

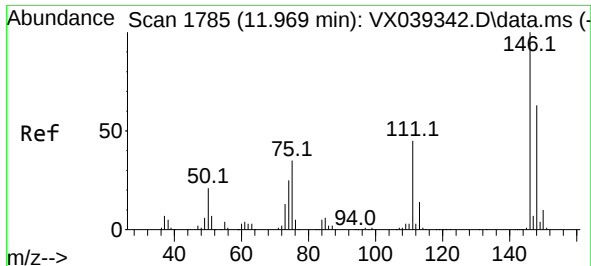
Tgt Ion:105 Resp: 309195

Ion Ratio Lower Upper

105 100

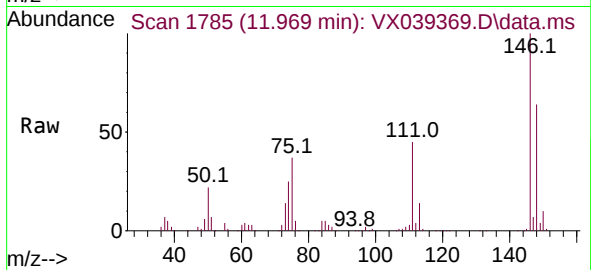
120 42.5 34.9 52.3



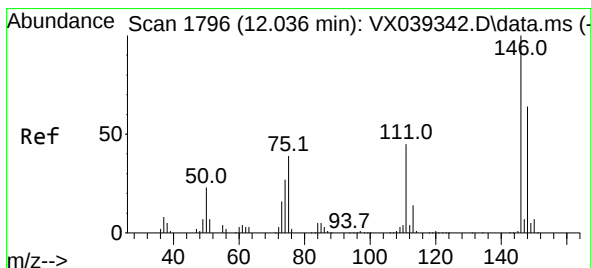
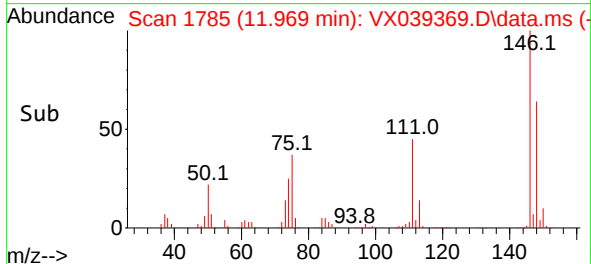
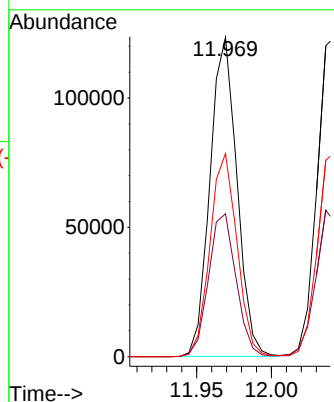


#64
1,3-Dichlorobenzene
Concen: 48.397 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Instrument :
MSVOA_X
ClientSampleId :

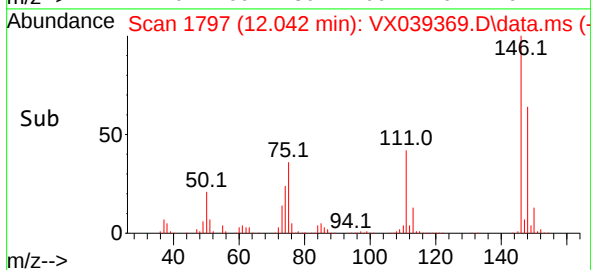
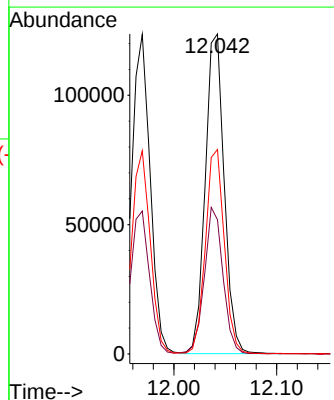
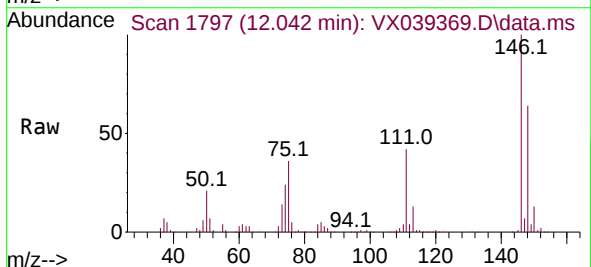


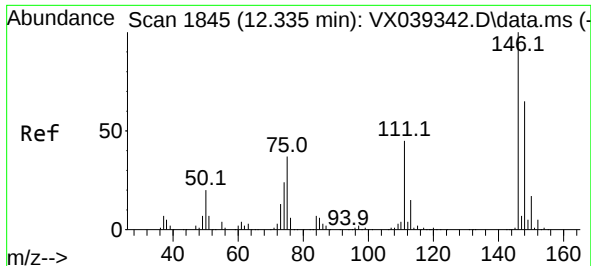
Tgt Ion:146 Resp: 154706
Ion Ratio Lower Upper
146 100
111 44.7 30.0 55.6
148 63.6 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 49.078 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

Tgt Ion:146 Resp: 158976
Ion Ratio Lower Upper
146 100
111 42.0 29.7 55.1
148 63.9 45.8 85.2

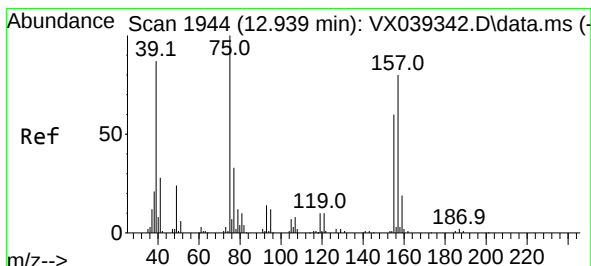
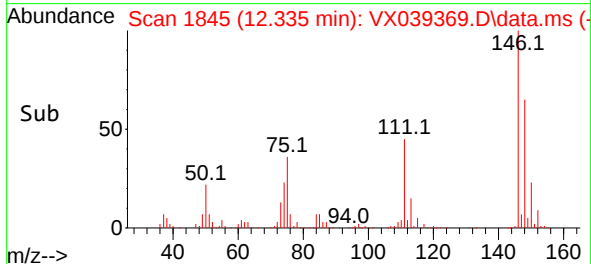
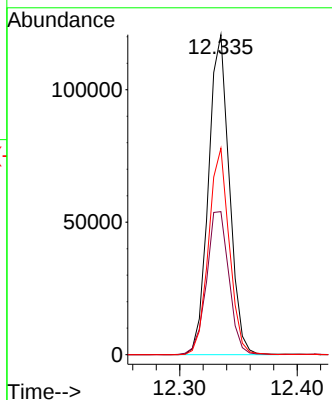
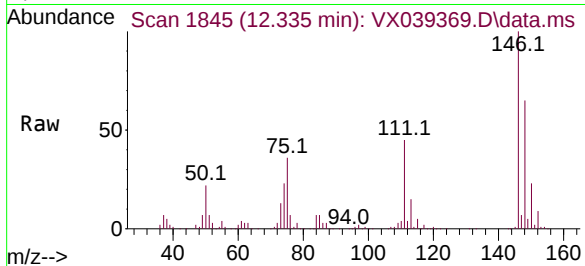




#67
1,2-Dichlorobenzene
Concen: 48.717 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

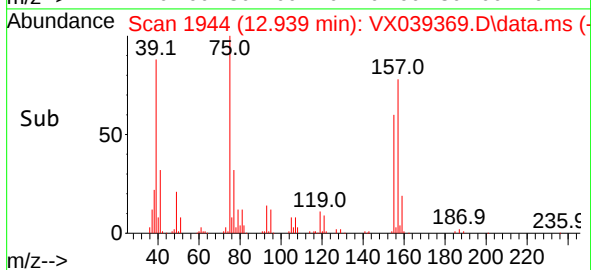
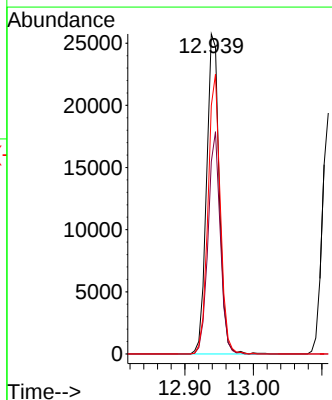
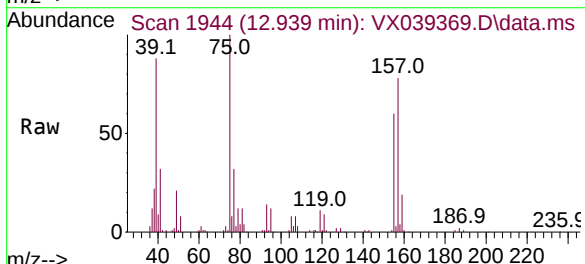
Instrument :
MSVOA_X
ClientSampleId :

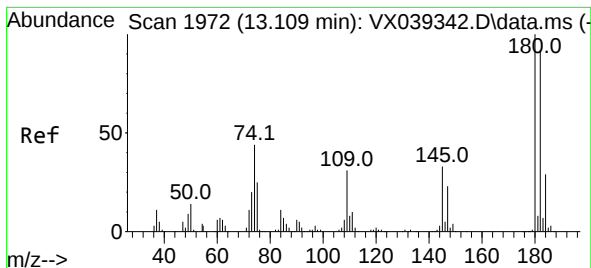
Tgt Ion:146 Resp: 148966
Ion Ratio Lower Upper
146 100
111 44.7 36.4 54.6
148 64.5 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 47.493 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

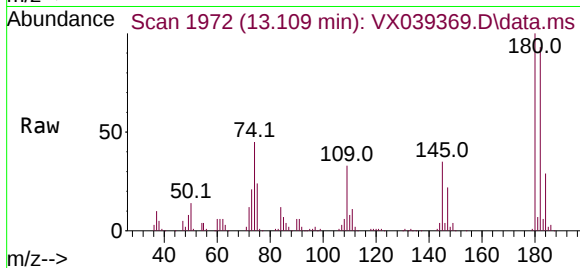
Tgt Ion: 75 Resp: 33186
Ion Ratio Lower Upper
75 100
155 60.1 52.3 78.5
157 77.7 68.7 103.1



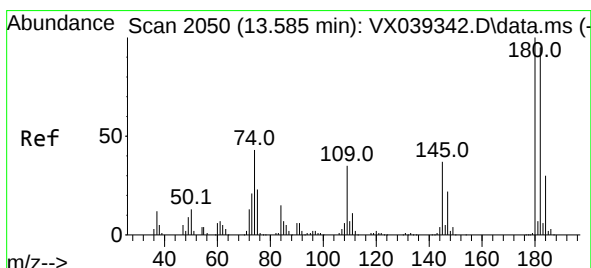
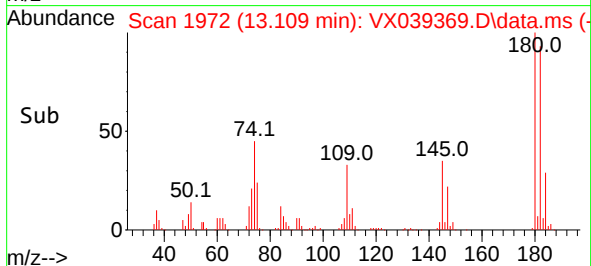
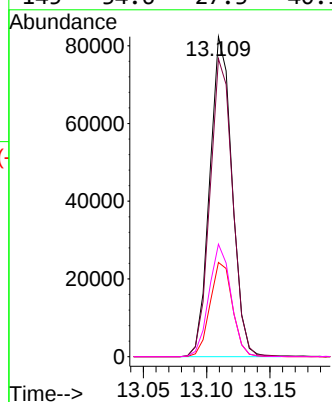


#69
 1,3,5-Trichlorobenzene
 Concen: 47.783 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX039369.D
 Acq: 19 Dec 2023 20:07

Instrument :
 MSVOA_X
 ClientSampleId :

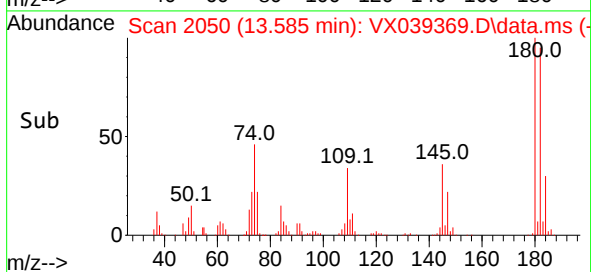
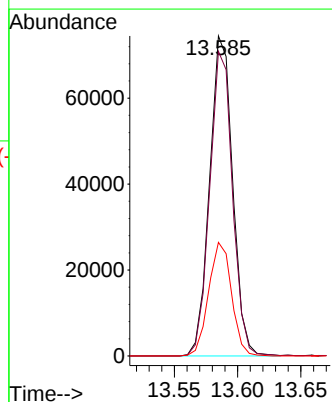
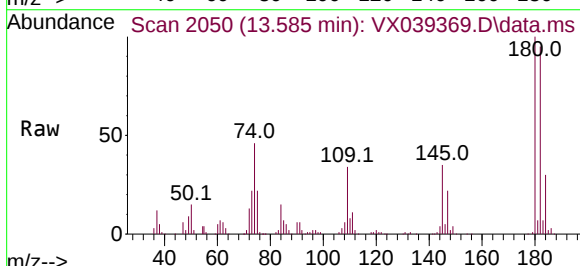


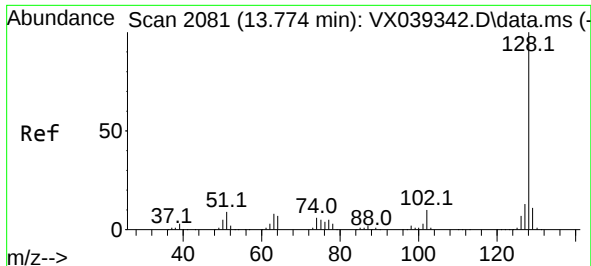
Tgt Ion:180 Resp: 101014
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.1 114.1
 184 29.7 24.1 36.1
 145 34.6 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 47.302 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039369.D
 Acq: 19 Dec 2023 20:07

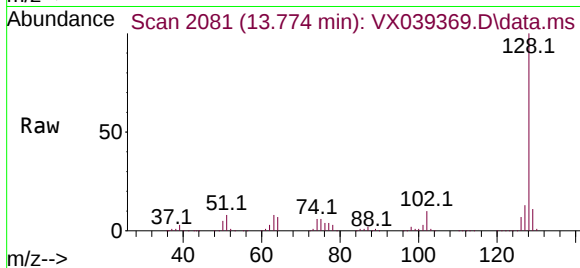
Tgt Ion:180 Resp: 94268
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 35.3 27.8 41.6



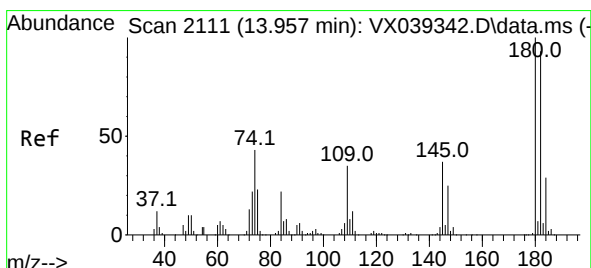
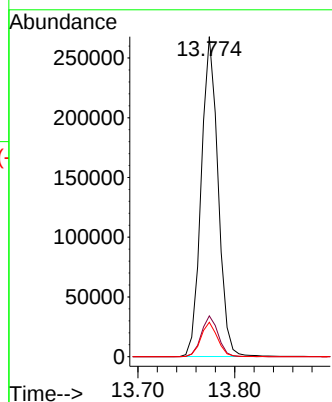
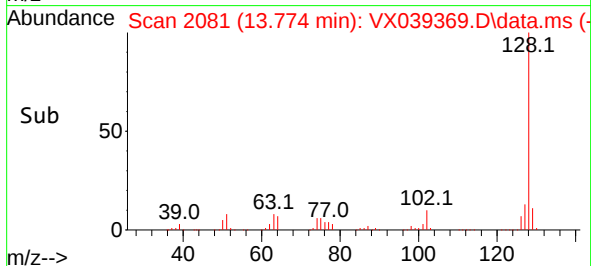


#71
Naphthalene
Concen: 47.464 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07

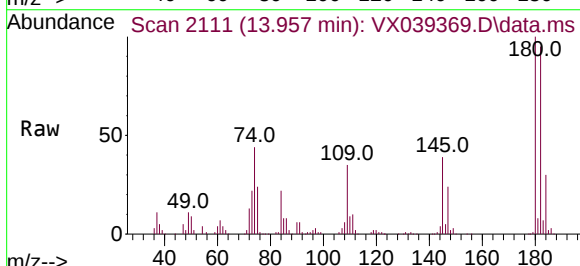
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 324407
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.483 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX039369.D
Acq: 19 Dec 2023 20:07



Tgt Ion:180 Resp: 91626
Ion Ratio Lower Upper
180 100
182 94.8 75.9 113.9
145 37.0 28.6 42.8

