

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039083.D
 Acq On : 05 Dec 2023 15:18
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 02:31:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:19:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	264454	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	248041	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	124349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	111369	53.692	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 107.380%		
7) Chloroethane-d5	1.666	69	81666	53.266	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 106.540%		
11) 1,1-Dichloroethene-d2	2.307	65	49232	54.071	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 108.140%		
21) 2-Butanone-d5	4.440	46	209245	111.443	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 111.440%		
24) Chloroform-d	5.050	84	197975	53.917	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.840%		
26) 1,2-Dichloroethane-d4	5.946	65	125446	52.752	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.500%		
32) Benzene-d6	5.964	84	410653	53.645	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.280%		
36) 1,2-Dichloropropane-d6	7.306	67	132338	53.719	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 107.440%		
41) Toluene-d8	8.647	98	368401	53.105	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 106.200%		
43) trans-1,3-Dichloroprop...	8.946	79	67550	53.882	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 107.760%		
47) 2-Hexanone-d5	9.378	63	162335	110.327	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 110.330%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	191466	54.786	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 109.580%		
66) 1,2-Dichlorobenzene-d4	12.317	152	126709	53.909	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 107.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	105524	50.036	ug/L	100
3) Chloromethane	1.295	50	107078	48.576	ug/L	98
5) Vinyl chloride	1.374	62	105249	48.445	ug/L	96
6) Bromomethane	1.605	94	64435	54.948	ug/L	96
8) Chloroethane	1.685	64	61618	50.168	ug/L	98
9) Trichlorofluoromethane	1.886	101	139555	49.564	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	92894	51.289	ug/L	99
12) 1,1-Dichloroethene	2.319	96	85908	50.426	ug/L	89
13) Acetone	2.374	43	166521	92.319	ug/L	100
14) Carbon disulfide	2.508	76	265750	49.020	ug/L	100
15) Methyl Acetate	2.697	43	128016	49.654	ug/L	100
16) Methylene chloride	2.788	84	95615	48.849	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	90618	50.483	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	303633	48.596	ug/L	99
19) 1,1-Dichloroethane	3.605	63	171744	48.388	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	101224	48.618	ug/L	98
22) 2-Butanone	4.544	43	212864	96.159	ug/L	100
23) Bromochloromethane	4.891	128	47070	48.093	ug/L	99
25) Chloroform	5.087	83	171638	48.483	ug/L	100

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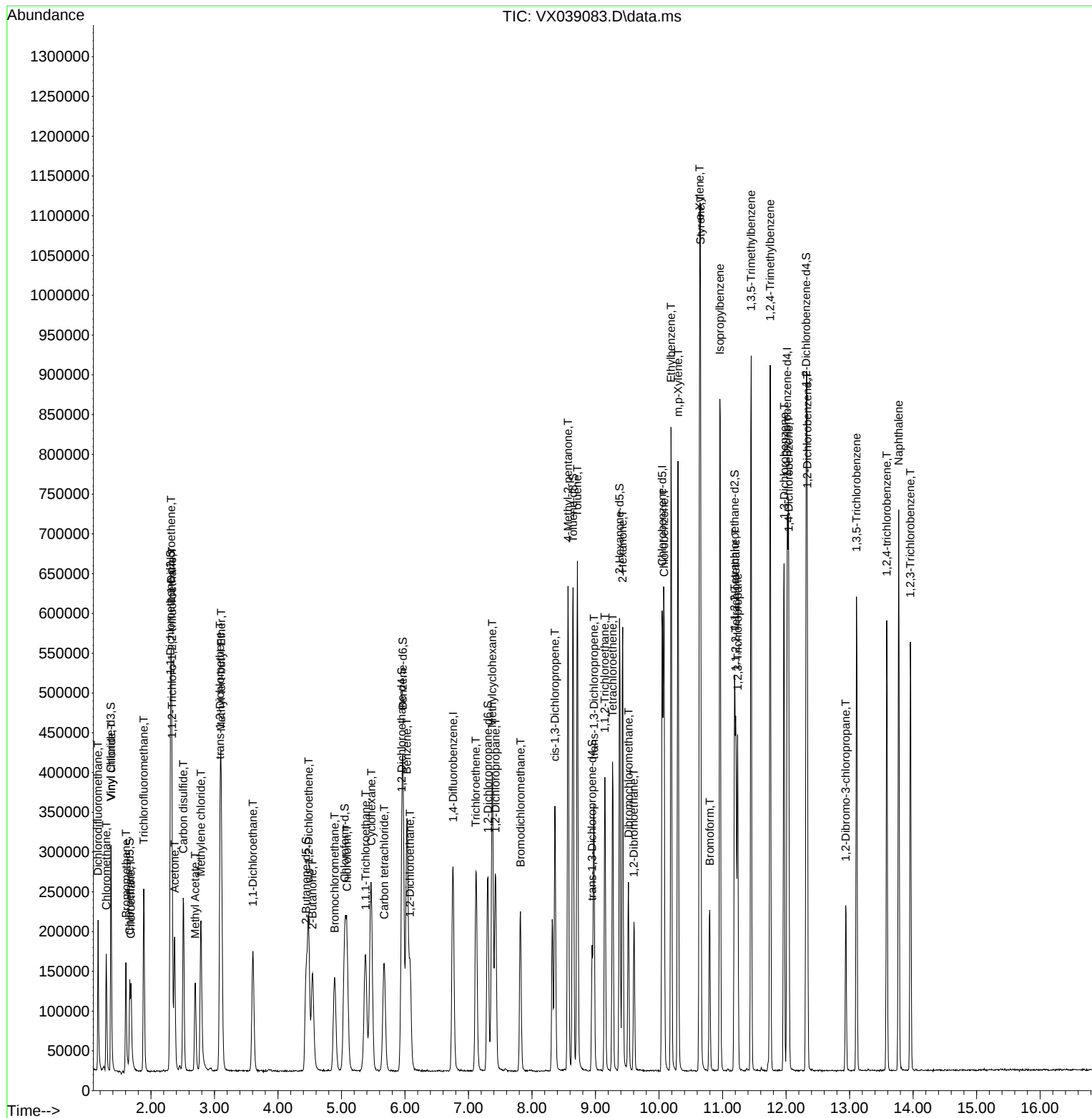
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	135649	48.548	ug/L	96
29) Cyclohexane	5.471	56	173529	50.011	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	147647	49.060	ug/L	99
31) Carbon tetrachloride	5.672	117	123308	49.109	ug/L	98
33) Benzene	6.031	78	380670	48.293	ug/L	100
34) Trichloroethene	7.117	95	102240	49.079	ug/L	97
35) Methylcyclohexane	7.373	83	172594	49.747	ug/L	98
37) 1,2-Dichloropropane	7.428	63	105924	48.453	ug/L	100
38) Bromodichloromethane	7.818	83	130494	49.077	ug/L #	96
39) cis-1,3-Dichloropropene	8.360	75	170017	48.762	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	363186	99.126	ug/L	99
42) Toluene	8.714	91	410584	49.120	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	160567	49.625	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	97447	48.640	ug/L	98
46) Tetrachloroethene	9.269	164	69159	50.327	ug/L	97
48) 2-Hexanone	9.427	43	307887	100.402	ug/L	99
49) Dibromochloromethane	9.519	129	96948	49.672	ug/L	99
50) 1,2-Dibromoethane	9.604	107	104510	48.692	ug/L	100
51) Chlorobenzene	10.080	112	249886	48.397	ug/L	99
52) Ethylbenzene	10.189	91	460569	49.286	ug/L	100
53) m,p-Xylene	10.299	106	172874	49.479	ug/L	97
54) o-Xylene	10.640	106	165160	49.264	ug/L	99
55) Styrene	10.653	104	285117	49.703	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	170438	48.747	ug/L	98
59) Bromoform	10.799	173	70478	48.225	ug/L	99
60) Isopropylbenzene	10.957	105	450084	49.534	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	132661	48.701	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	380417	49.591	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	374999	49.854	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	188618	48.499	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	192900	48.947	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	181012	48.656	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	41662	49.006	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	129171	50.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	119769	49.396	ug/L	100
71) Naphthalene	13.774	128	405400	48.753	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	114985	48.977	ug/L	99

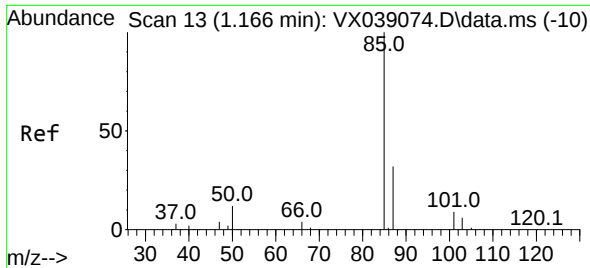
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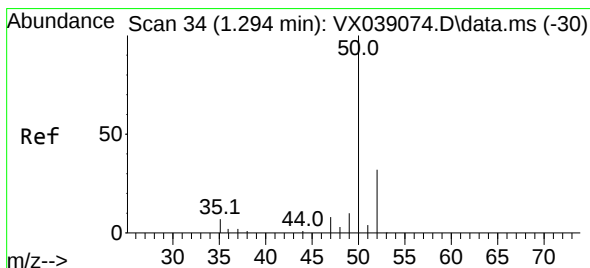
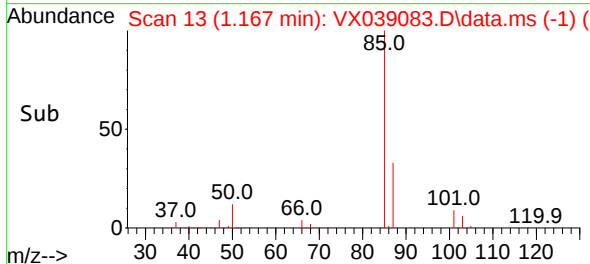
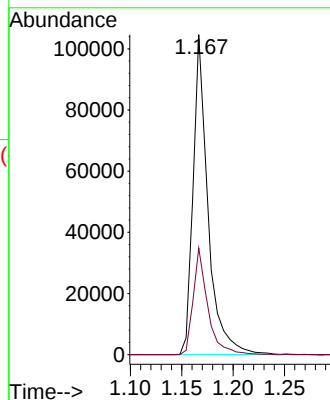
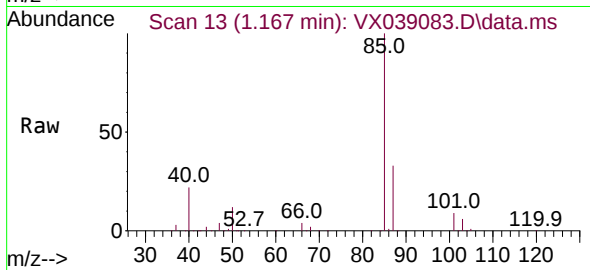




#2
 Dichlorodifluoromethane
 Concen: 50.036 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039083.D
 Acq: 05 Dec 2023 15:18

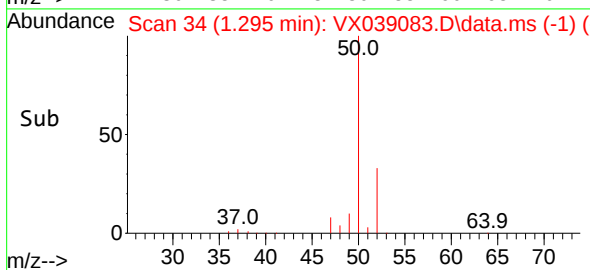
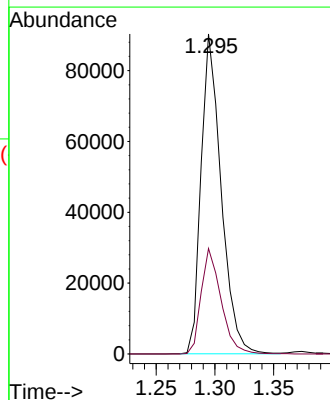
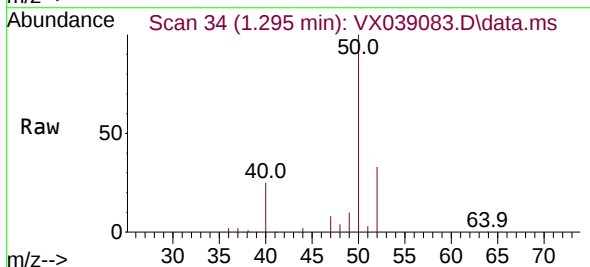
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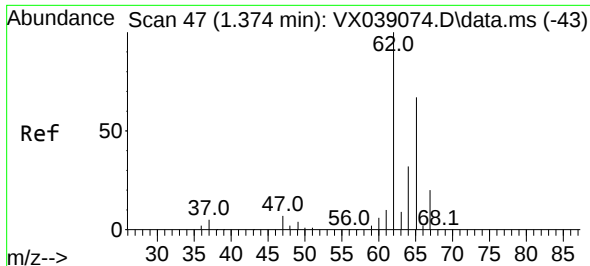
Tgt Ion: 85 Resp: 105524
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 48.576 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX039083.D
 Acq: 05 Dec 2023 15:18

Tgt Ion: 50 Resp: 107078
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.4 41.6

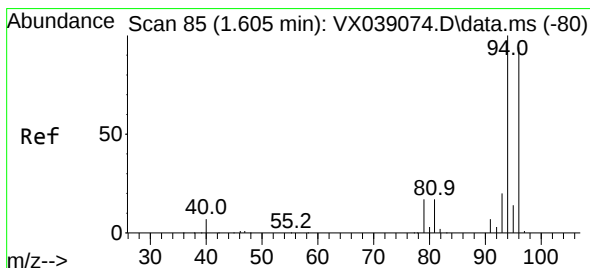
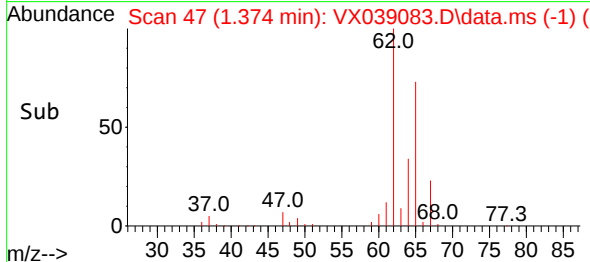
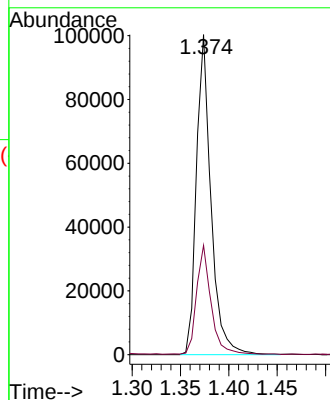
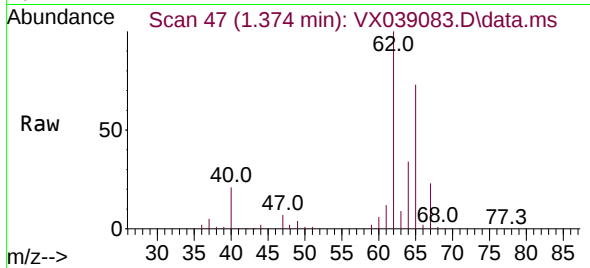




#5
 Vinyl chloride
 Concen: 48.445 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039083.D
 Acq: 05 Dec 2023 15:18

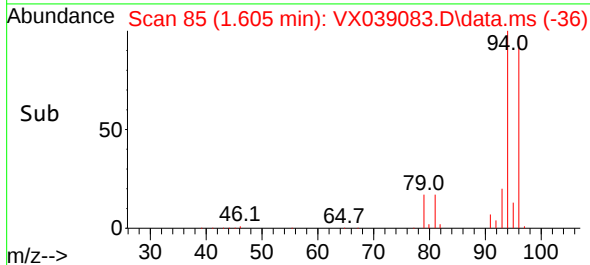
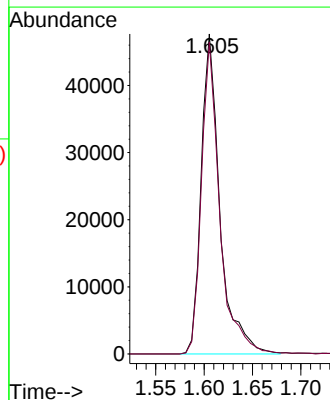
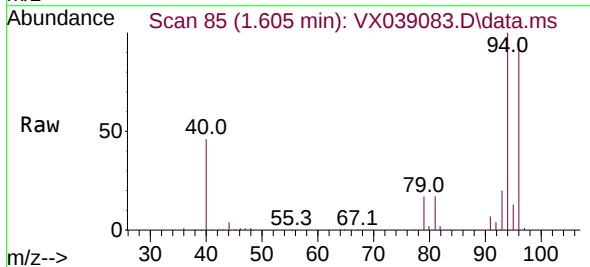
Instrument :
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 ClientSampleId :

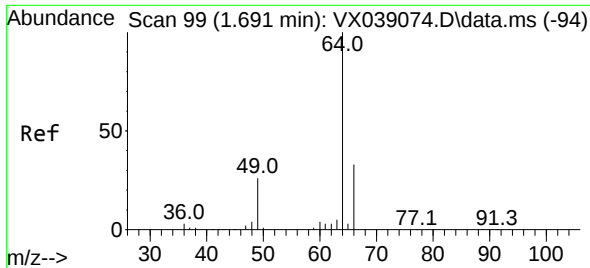
Tgt Ion: 62 Resp: 105249
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.3 41.3



#6
 Bromomethane
 Concen: 54.948 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX039083.D
 Acq: 05 Dec 2023 15:18

Tgt Ion: 94 Resp: 64435
 Ion Ratio Lower Upper
 94 100
 96 97.4 65.8 122.2

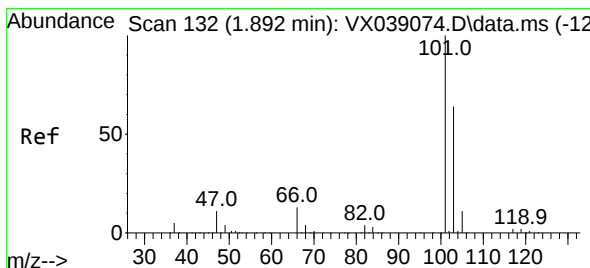
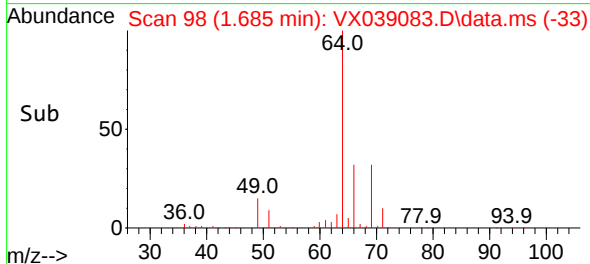
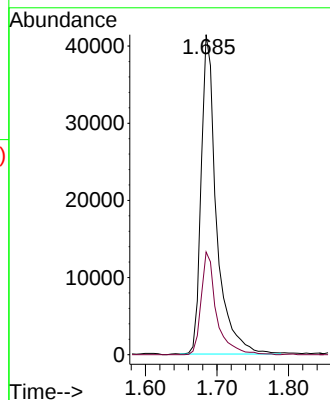
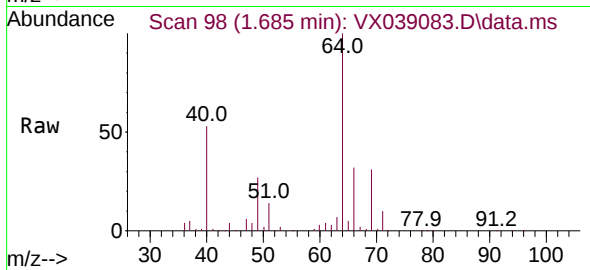




#8
Chloroethane
Concen: 50.168 ug/L
RT: 1.685 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

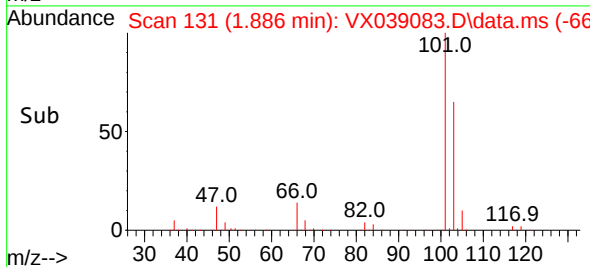
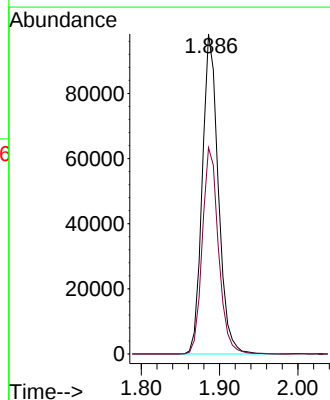
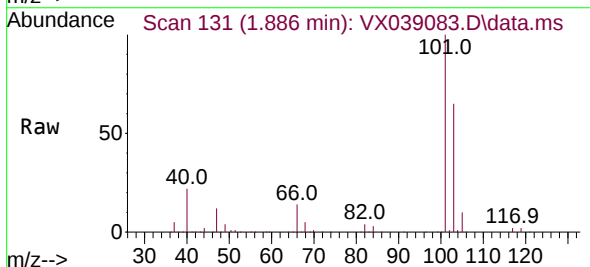
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MSVOA_X
ClientSampleId :

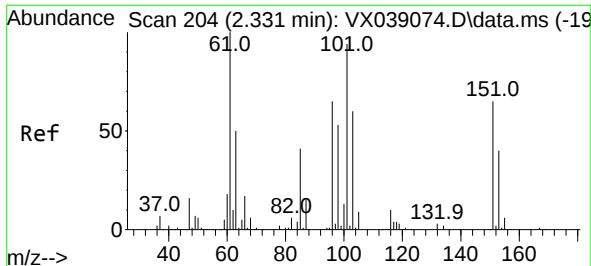
Tgt Ion: 64 Resp: 61618
Ion Ratio Lower Upper
64 100
66 32.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 49.564 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion:101 Resp: 139555
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

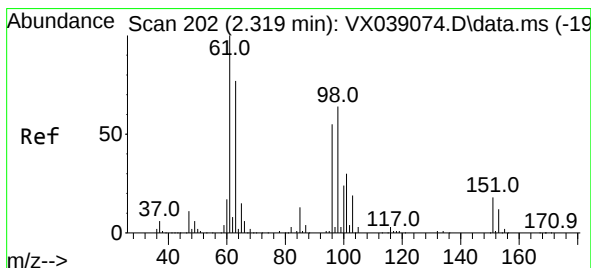
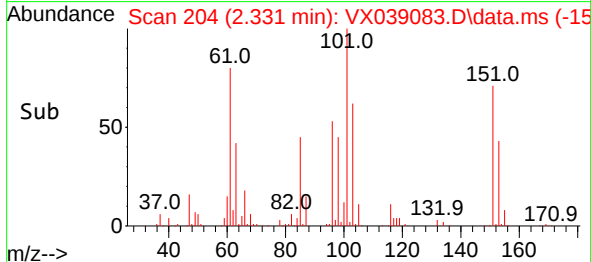
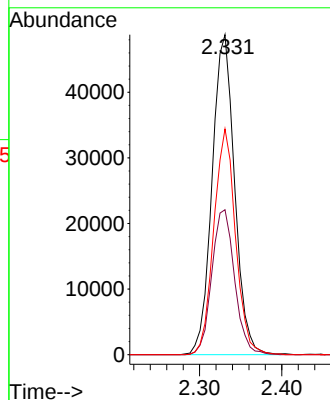
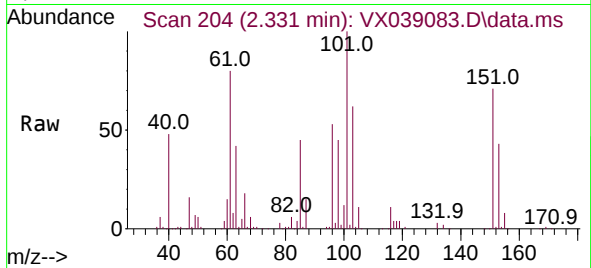




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.289 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039083.D
 Acq: 05 Dec 2023 15:18

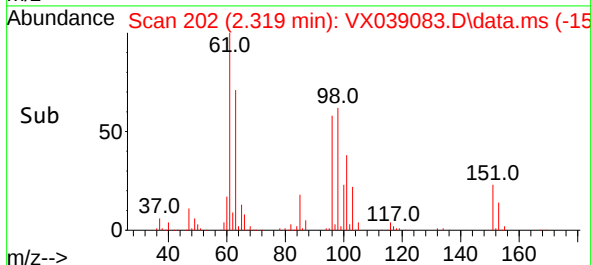
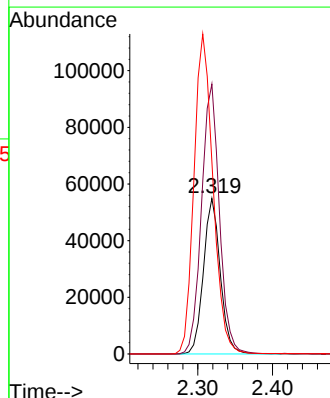
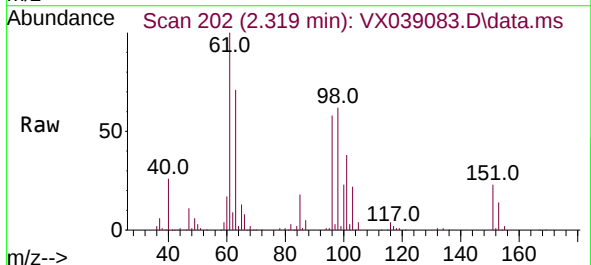
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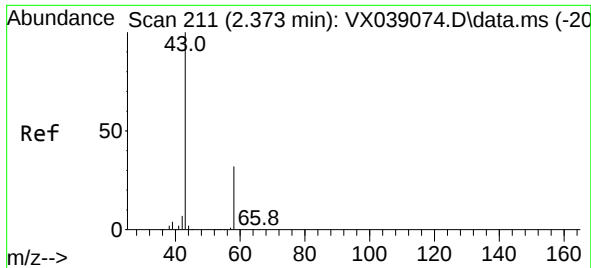
Tgt Ion:101 Resp: 92894
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.8 53.6
 151 68.2 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 50.426 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039083.D
 Acq: 05 Dec 2023 15:18

Tgt Ion: 96 Resp: 85908
 Ion Ratio Lower Upper
 96 100
 61 173.6 128.0 237.6
 63 123.7 101.5 188.5





#13

Acetone

Concen: 92.319 ug/L

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

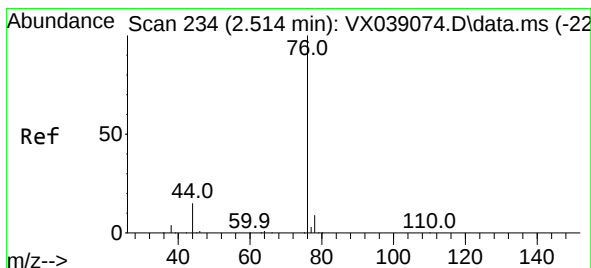
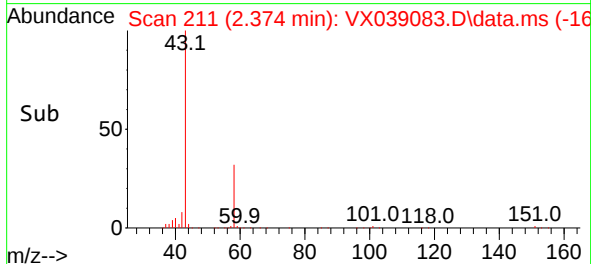
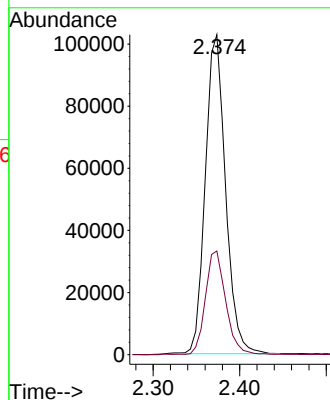
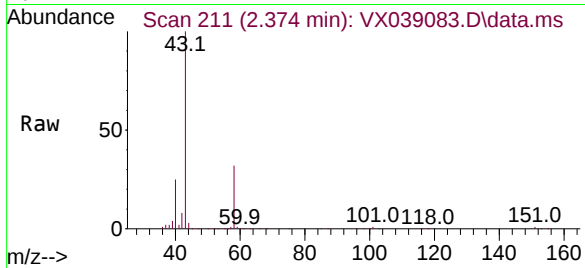
ClientSampleId :

Tgt Ion: 43 Resp: 166521

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.8



#14

Carbon disulfide

Concen: 49.020 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX039083.D

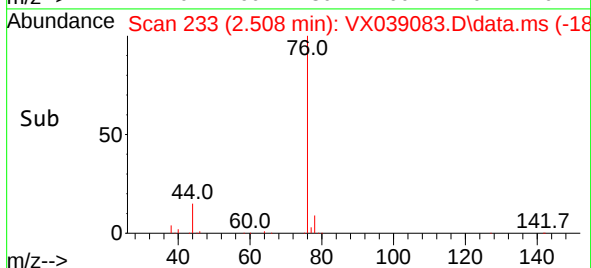
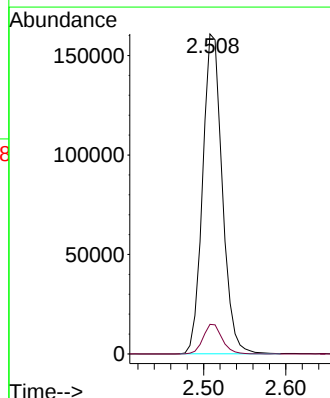
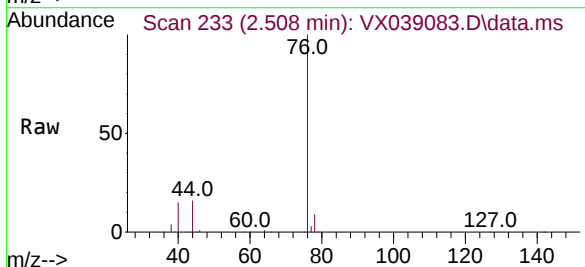
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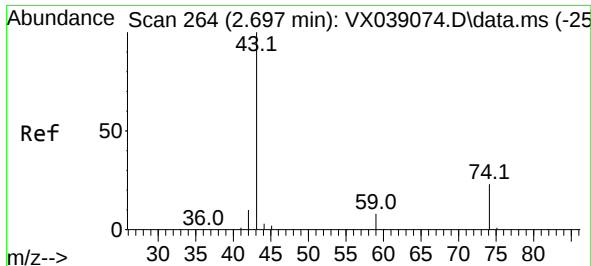
Tgt Ion: 76 Resp: 265750

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

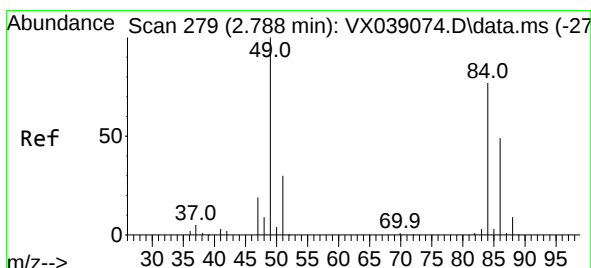
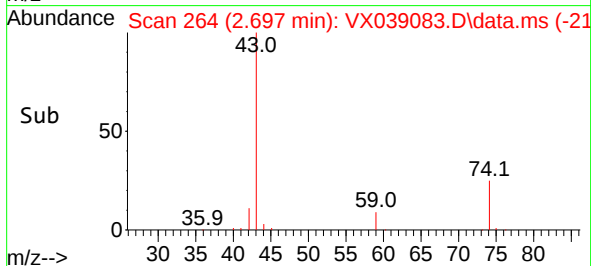
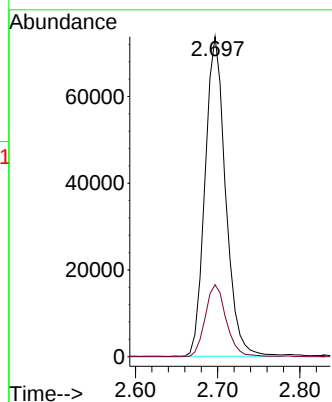
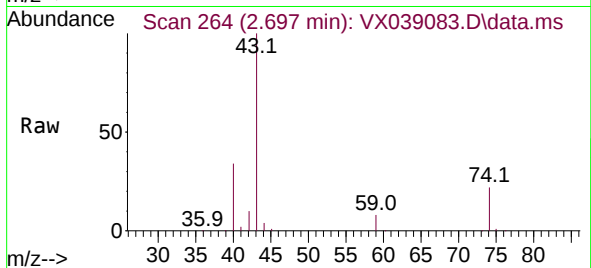




#15
Methyl Acetate
Concen: 49.654 ug/L
RT: 2.697 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

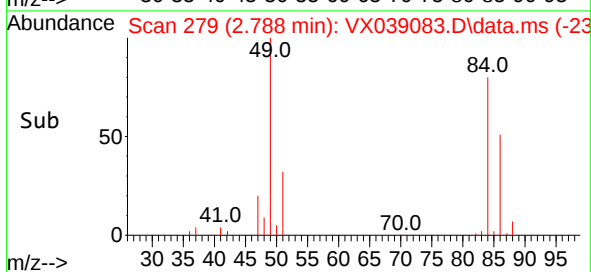
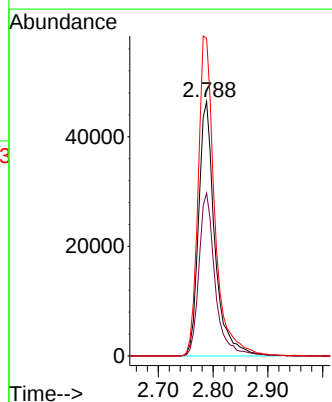
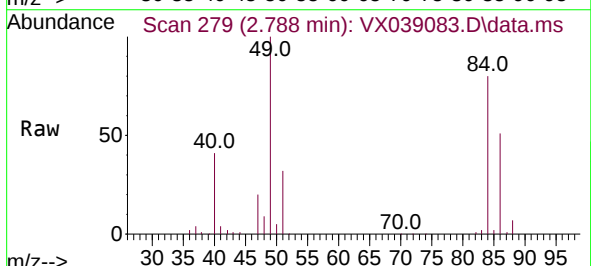
Instrument :
MSVOA_X
ClientSampleId :

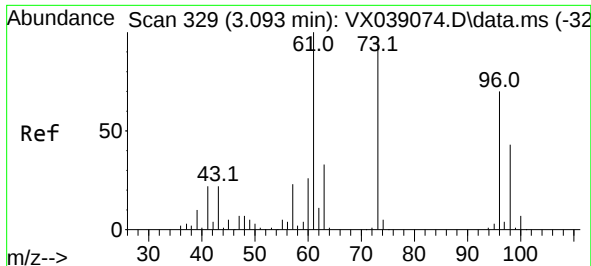
Tgt Ion: 43 Resp: 128016
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.4



#16
Methylene chloride
Concen: 48.849 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

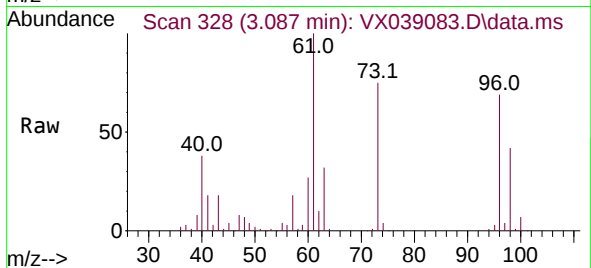
Tgt Ion: 84 Resp: 95615
Ion Ratio Lower Upper
84 100
86 64.1 44.7 82.9
49 125.0 90.9 168.7



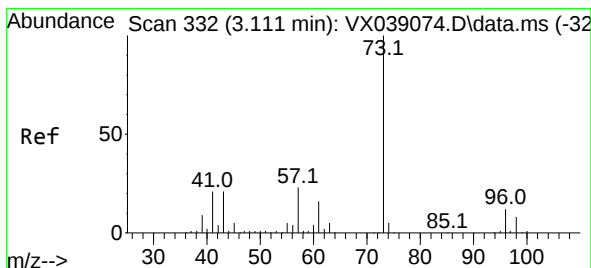
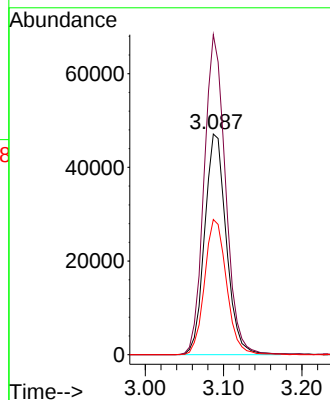
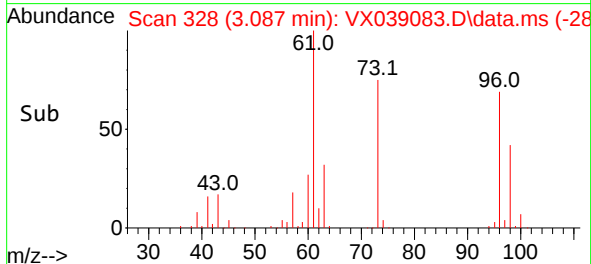


#17
trans-1,2-Dichloroethene
Concen: 50.483 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

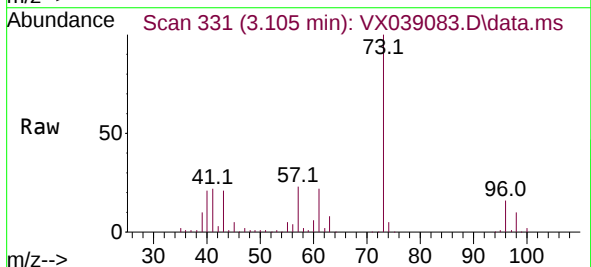
Instrument :
MSVOA_X
ClientSampleId :



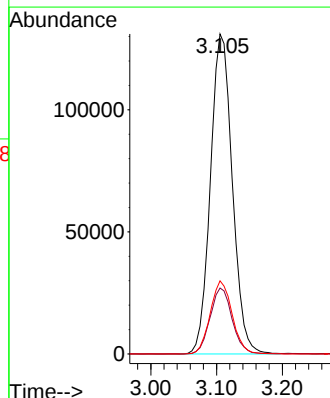
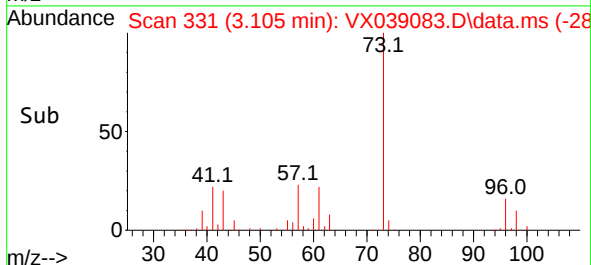
Tgt Ion: 96 Resp: 90618
Ion Ratio Lower Upper
96 100
61 145.0 99.8 185.3
98 61.3 42.6 79.2

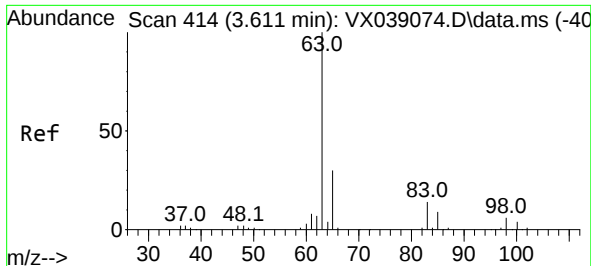


#18
Methyl tert-butyl Ether
Concen: 48.596 ug/L
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18



Tgt Ion: 73 Resp: 303633
Ion Ratio Lower Upper
73 100
43 20.8 16.9 25.3
57 22.9 18.5 27.7





#19

1,1-Dichloroethane

Concen: 48.388 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

ClientSampleId :

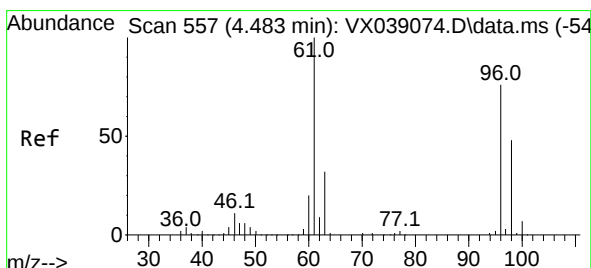
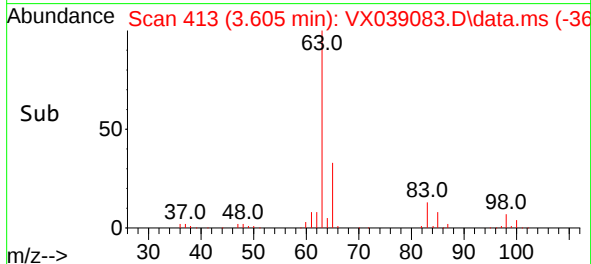
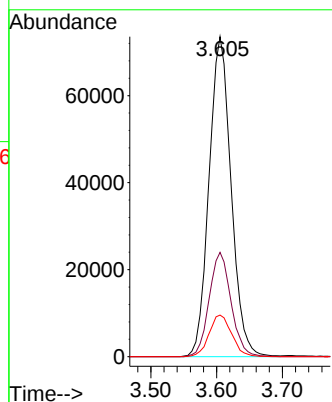
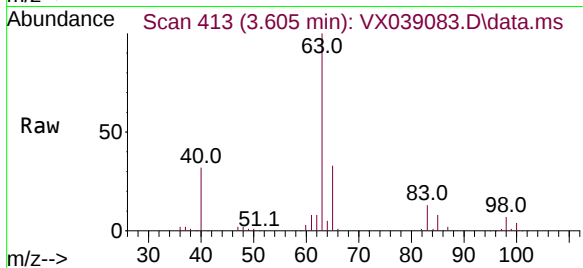
Tgt Ion: 63 Resp: 171744

Ion Ratio Lower Upper

63 100

65 32.6 21.1 39.3

83 13.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 48.618 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

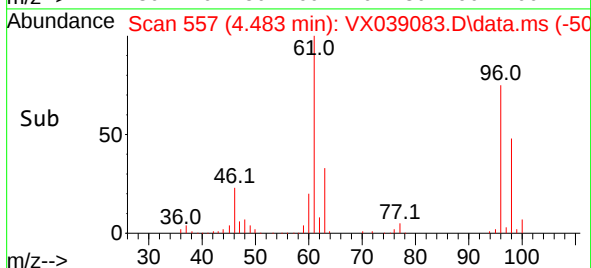
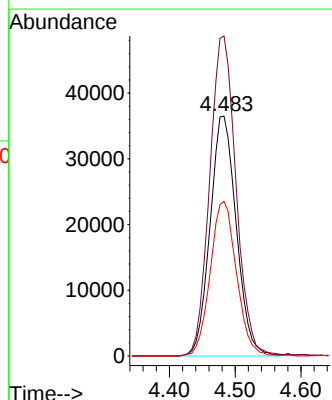
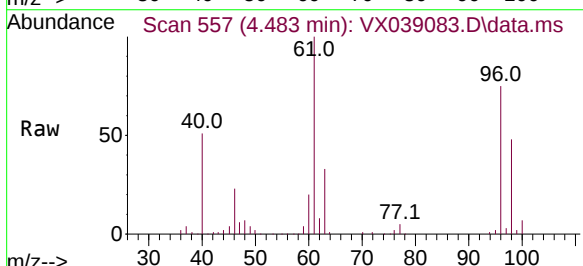
Tgt Ion: 96 Resp: 101224

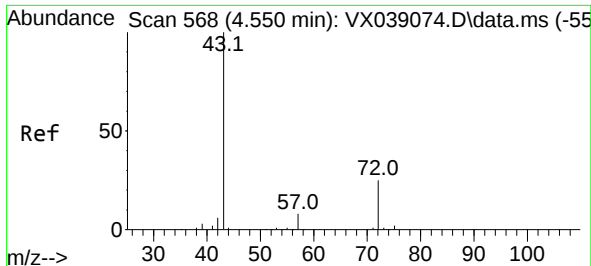
Ion Ratio Lower Upper

96 100

61 133.4 91.7 170.3

98 64.4 44.2 82.2

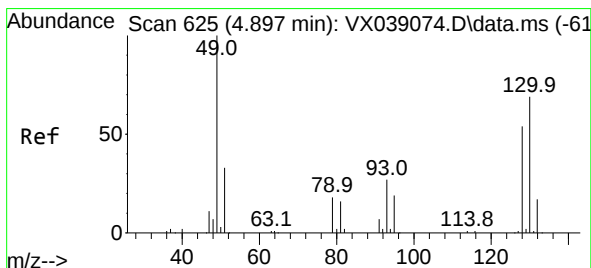
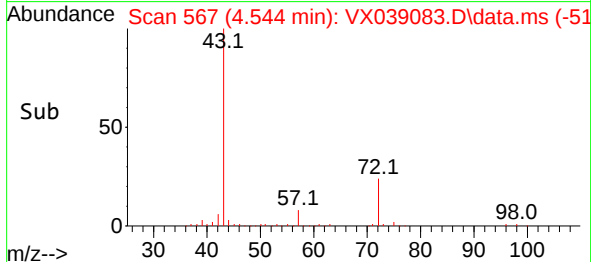
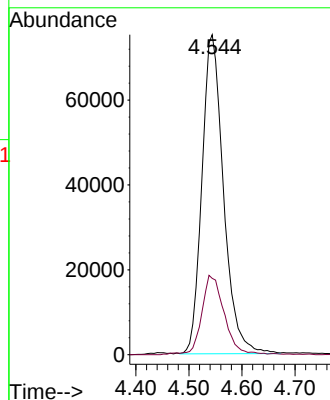
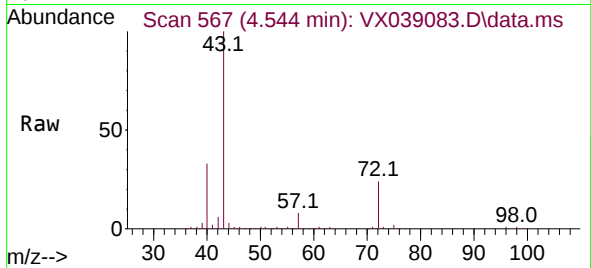




#22
2-Butanone
Concen: 96.159 ug/L
RT: 4.544 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

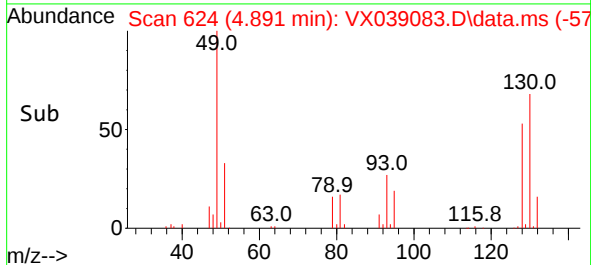
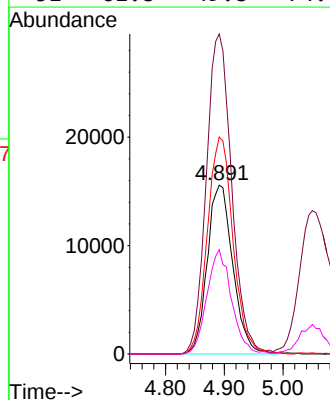
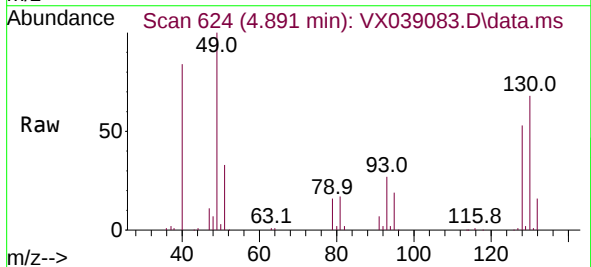
Instrument :
MSVOA_X
ClientSampleId :

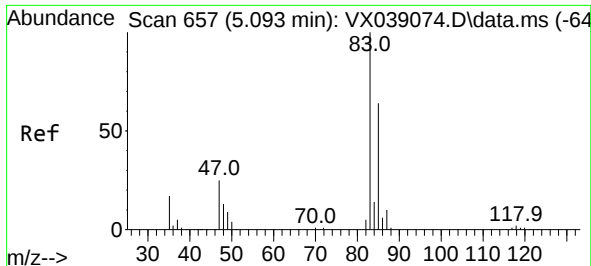
Tgt Ion: 43 Resp: 212864
Ion Ratio Lower Upper
43 100
72 25.1 12.6 37.6



#23
Bromochloromethane
Concen: 48.093 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion:128 Resp: 47070
Ion Ratio Lower Upper
128 100
49 189.5 130.8 243.0
130 128.5 90.6 168.3
51 61.8 49.8 74.8

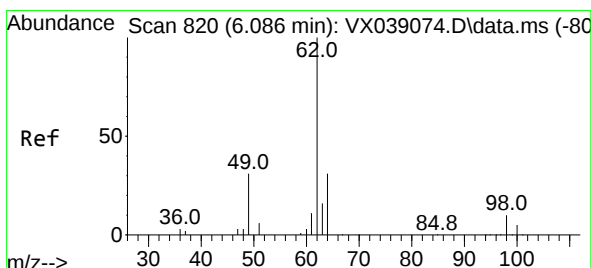
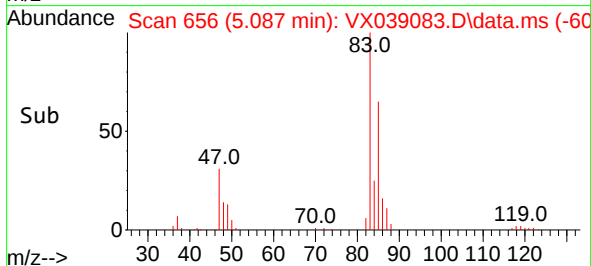
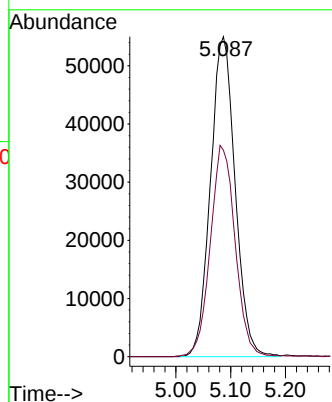
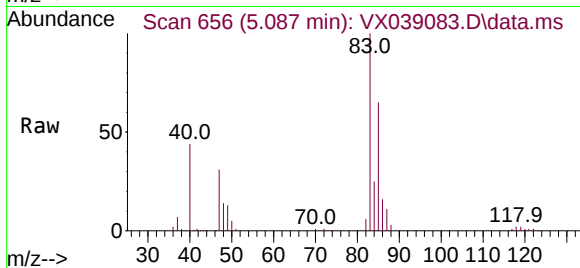




#25
Chloroform
Concen: 48.483 ug/L
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

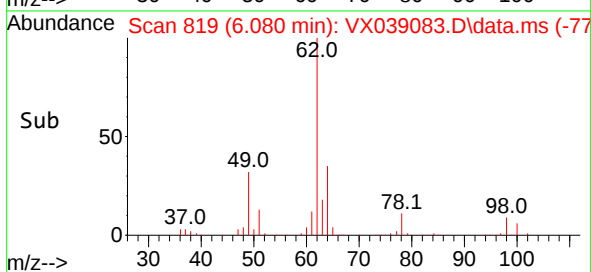
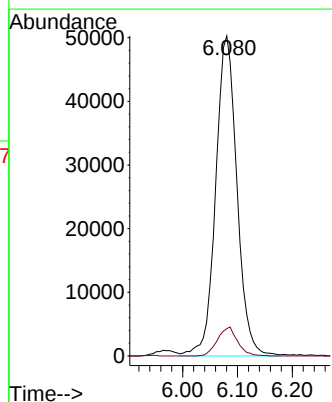
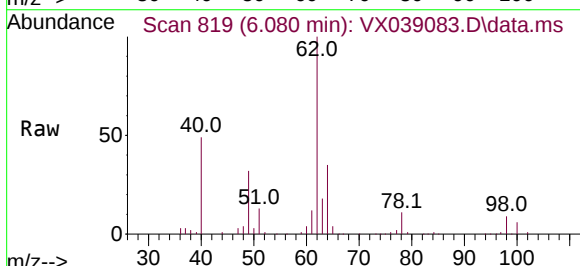
Instrument :
MSVOA_X
ClientSampleId :

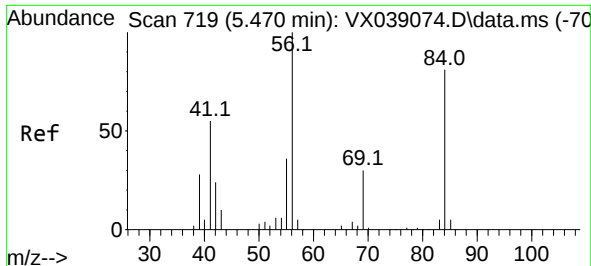
Tgt Ion: 83 Resp: 171638
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 48.548 ug/L
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion: 62 Resp: 135649
Ion Ratio Lower Upper
62 100
98 8.5 8.0 12.0





#29

Cyclohexane

Concen: 50.011 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

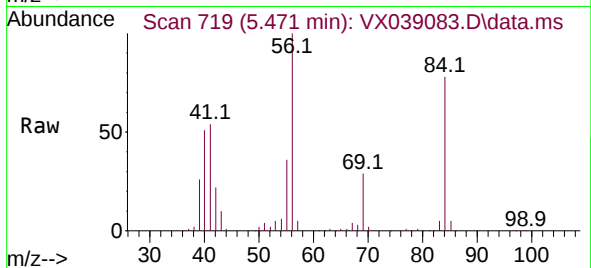
Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

ClientSampleId :



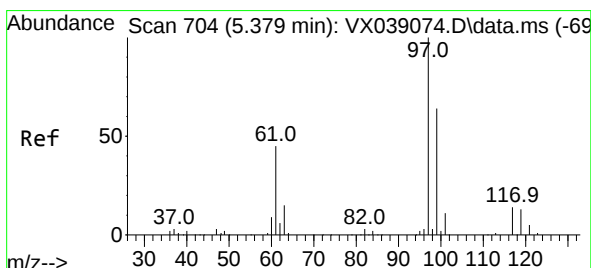
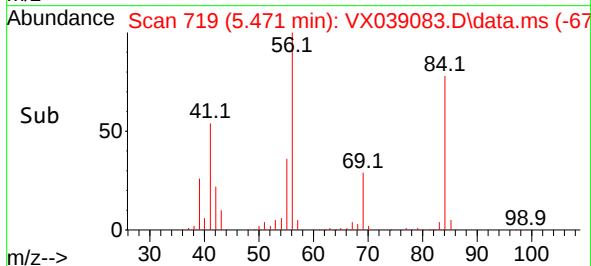
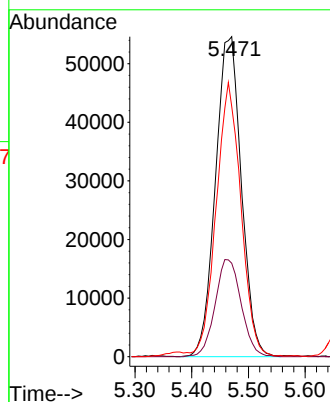
Tgt Ion: 56 Resp: 173529

Ion Ratio Lower Upper

56 100

69 30.5 24.5 36.7

84 81.4 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 49.060 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

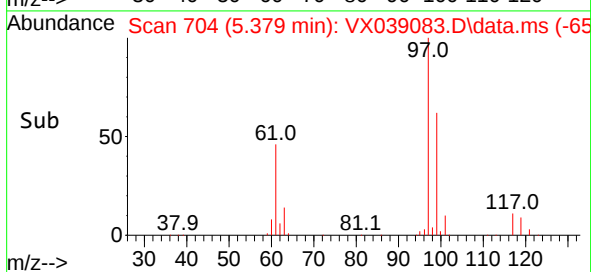
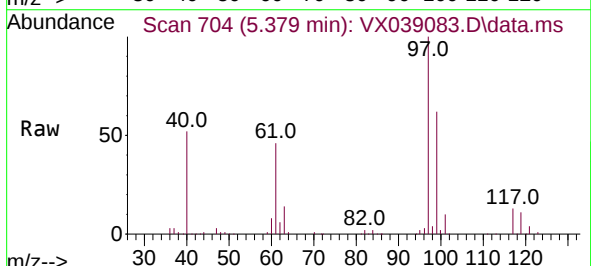
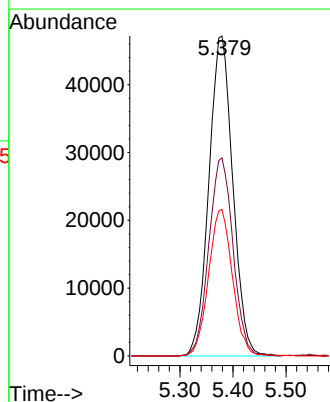
Tgt Ion: 97 Resp: 147647

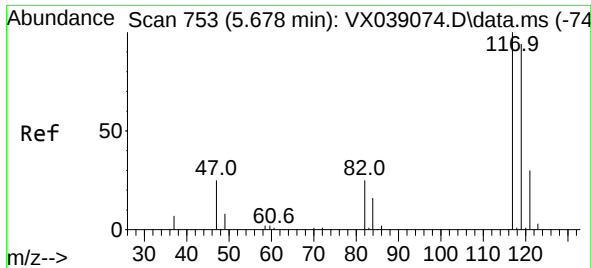
Ion Ratio Lower Upper

97 100

99 62.7 51.0 76.4

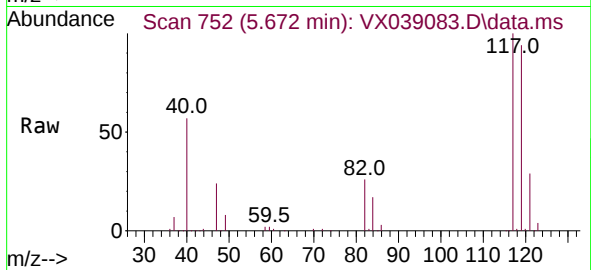
61 45.8 36.7 55.1



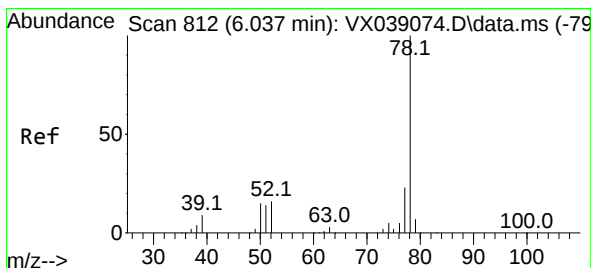
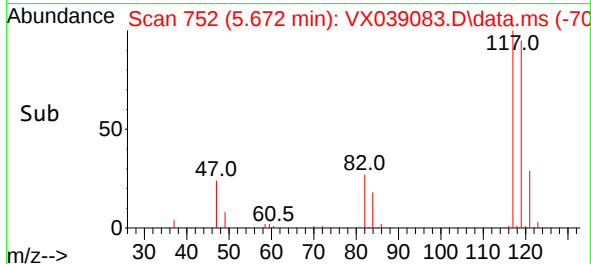
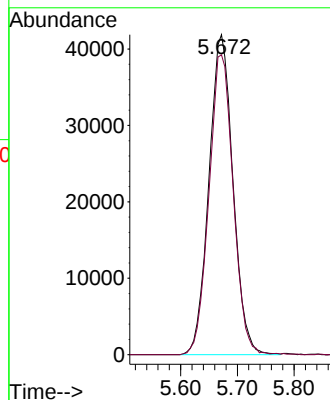


#31
Carbon tetrachloride
Concen: 49.109 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Instrument :
MSVOA_X
ClientSampleId :

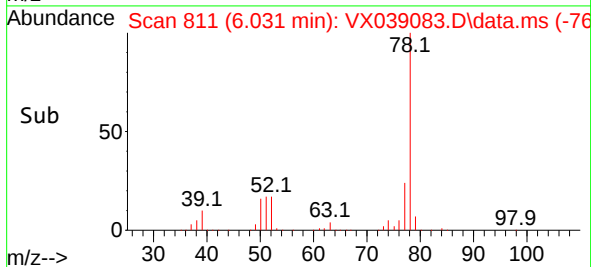
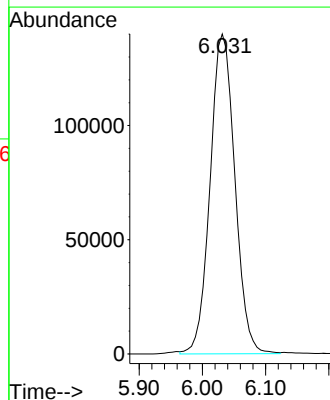
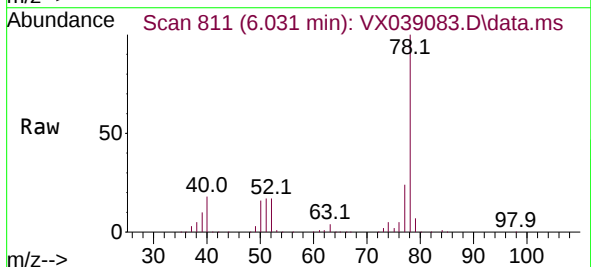


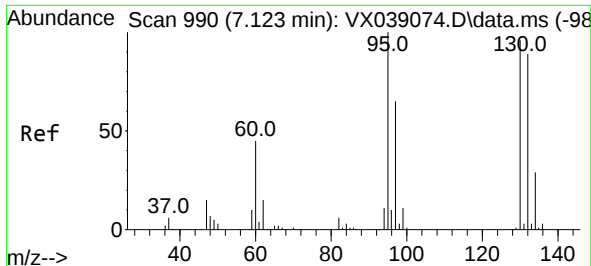
Tgt Ion:117 Resp: 123308
Ion Ratio Lower Upper
117 100
119 94.0 77.0 115.4



#33
Benzene
Concen: 48.293 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion: 78 Resp: 380670

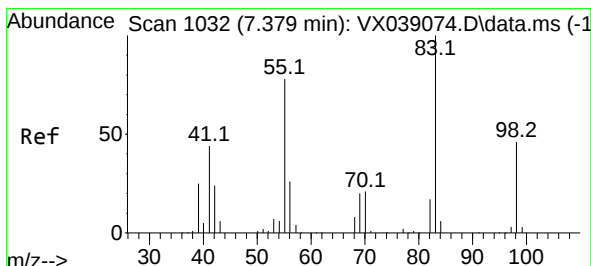
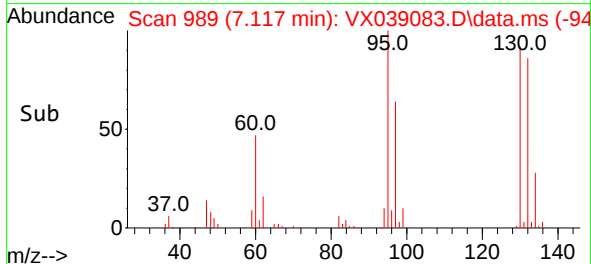
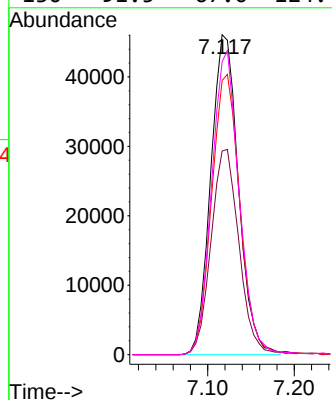
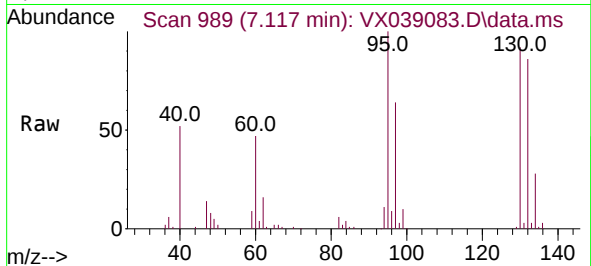




#34
Trichloroethene
Concen: 49.079 ug/L
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

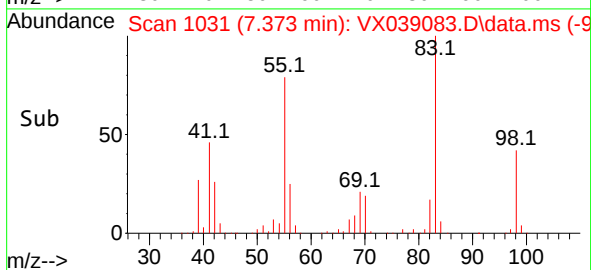
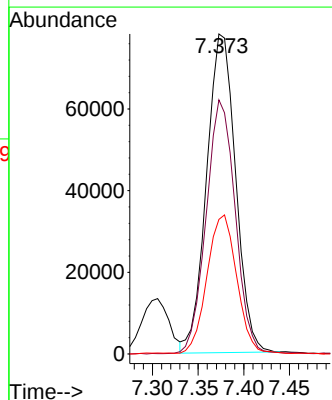
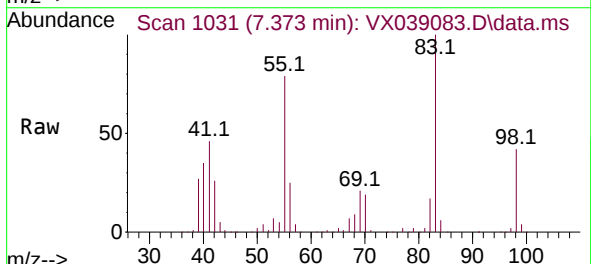
Instrument :
MSVOA_X
ClientSampleId :

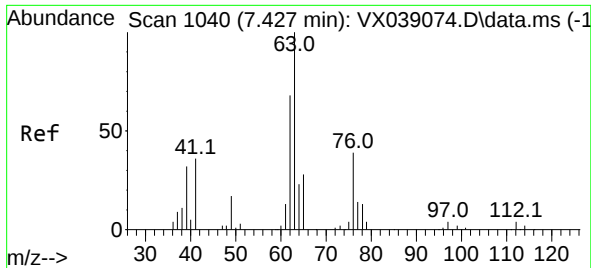
Tgt Ion: 95 Resp: 102240
Ion Ratio Lower Upper
95 100
97 63.7 45.5 84.5
132 85.7 62.2 115.4
130 91.5 67.0 124.4



#35
Methylcyclohexane
Concen: 49.747 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion: 83 Resp: 172594
Ion Ratio Lower Upper
83 100
55 80.0 62.5 93.7
98 44.9 36.1 54.1





#37

1,2-Dichloropropane

Concen: 48.453 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

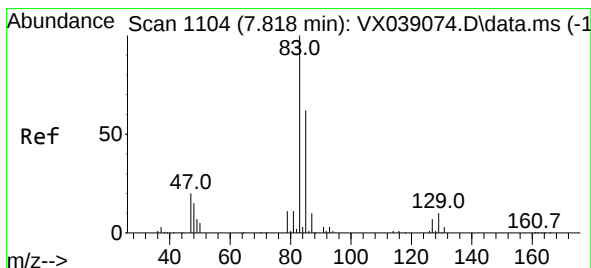
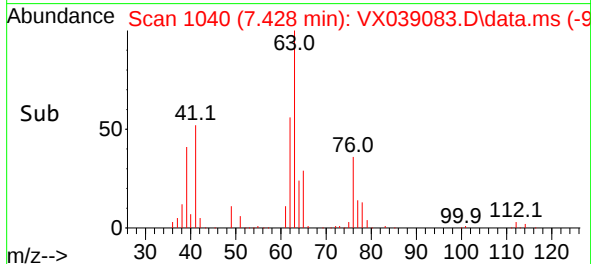
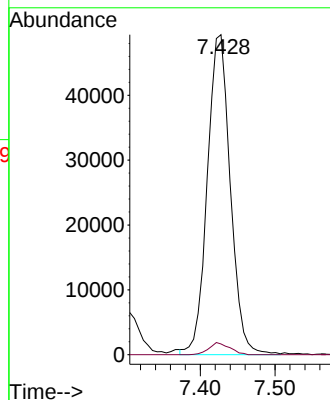
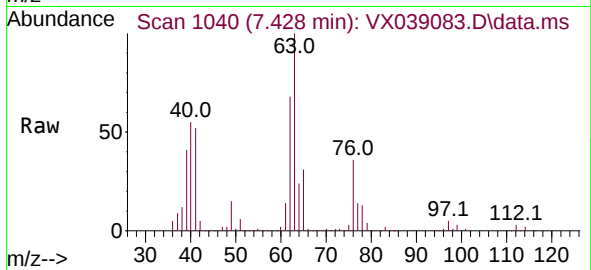
ClientSampleId :

Tgt Ion: 63 Resp: 105924

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 49.077 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

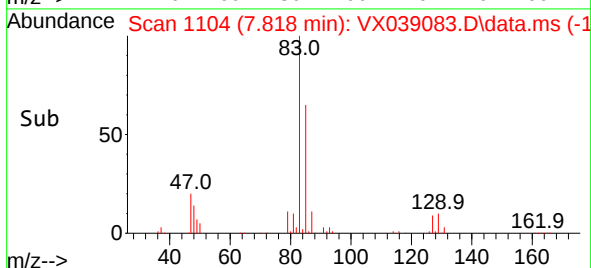
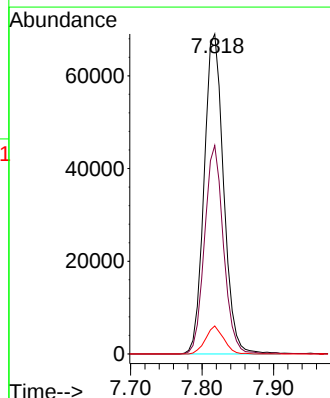
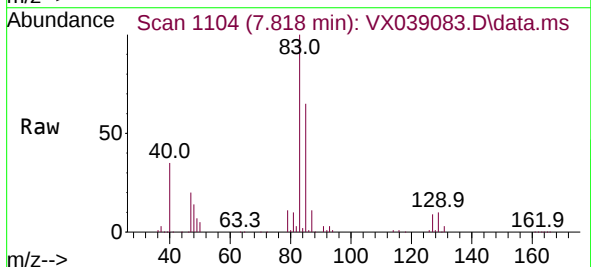
Tgt Ion: 83 Resp: 130494

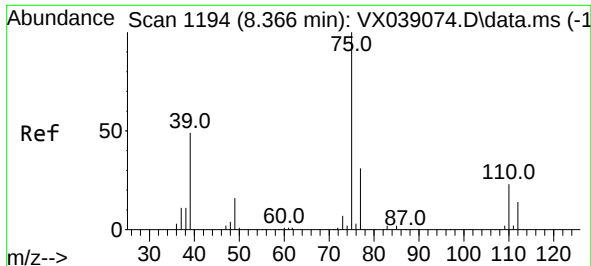
Ion Ratio Lower Upper

83 100

85 65.1 43.3 80.5

127 8.7 5.8 8.6#





#39

cis-1,3-Dichloropropene

Concen: 48.762 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

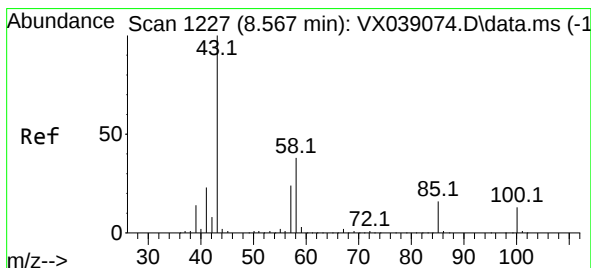
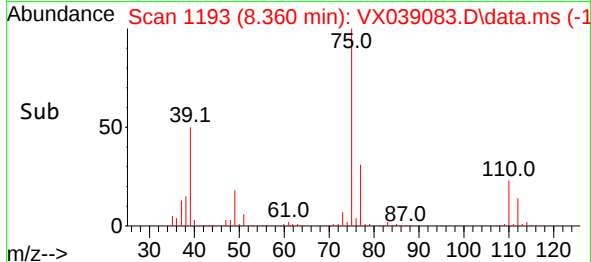
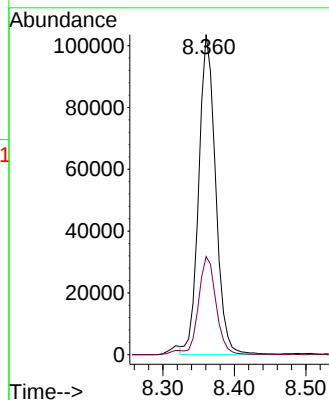
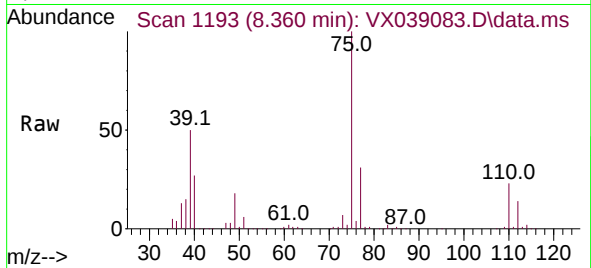
ClientSampleId :

Tgt Ion: 75 Resp: 170017

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 99.126 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

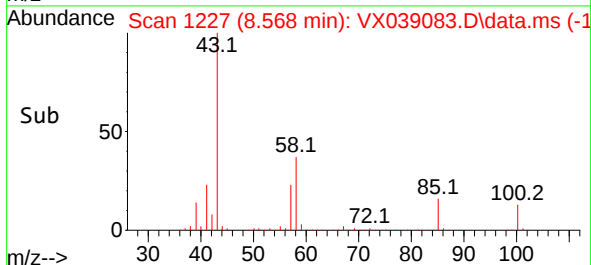
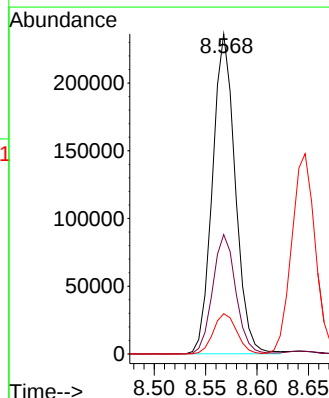
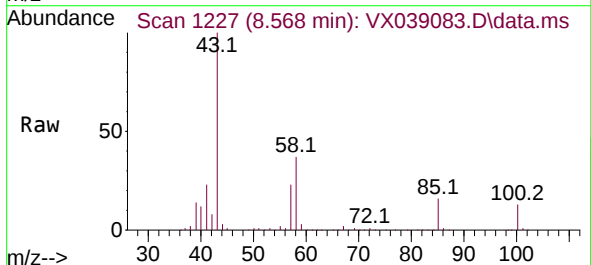
Tgt Ion: 43 Resp: 363186

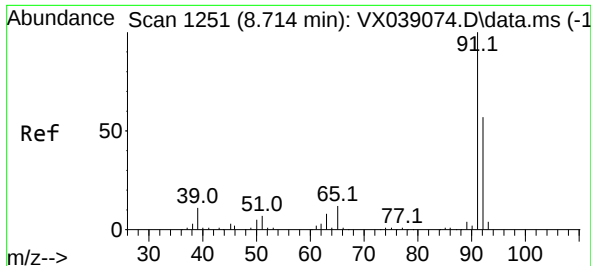
Ion Ratio Lower Upper

43 100

58 38.0 30.9 46.3

100 13.0 10.6 16.0





#42

Toluene

Concen: 49.120 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

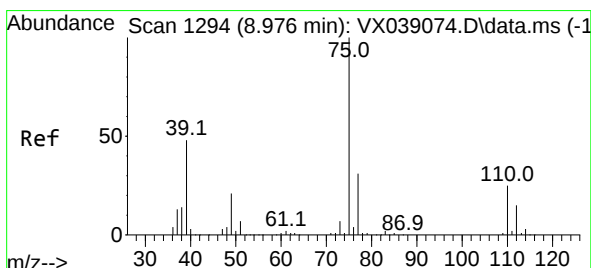
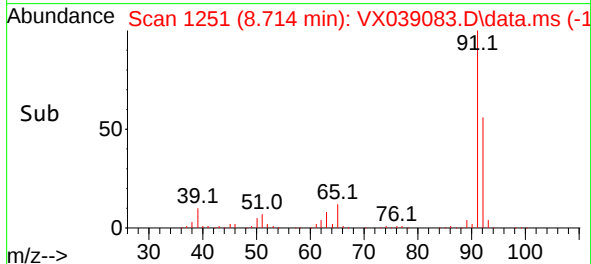
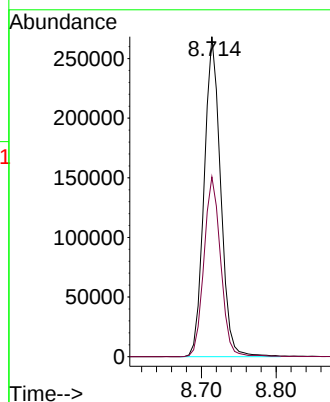
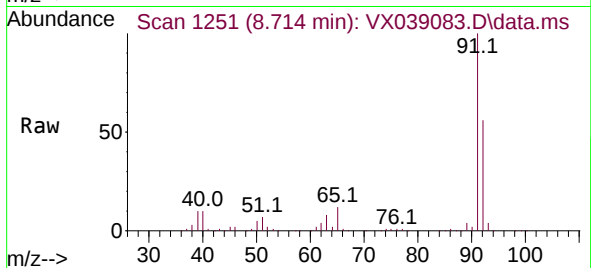
ClientSampleId :

Tgt Ion: 91 Resp: 410584

Ion Ratio Lower Upper

91 100

92 56.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 49.625 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039083.D

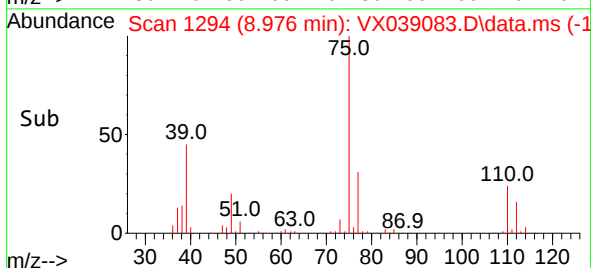
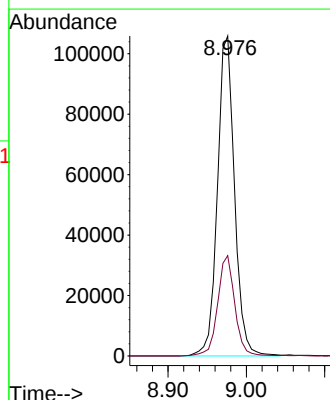
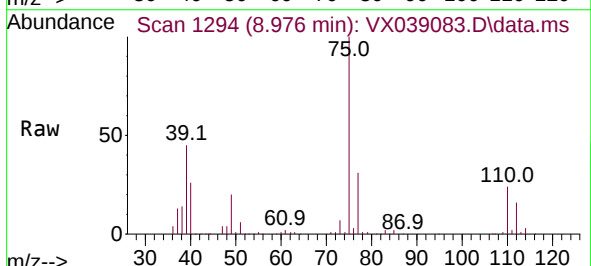
Acq: 05 Dec 2023 15:18

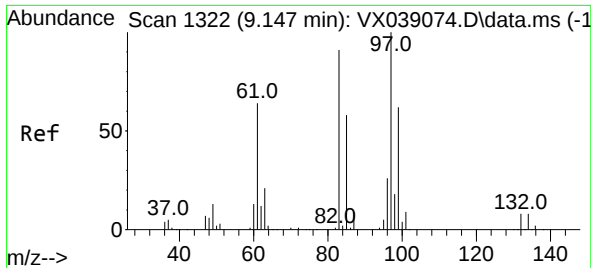
Tgt Ion: 75 Resp: 160567

Ion Ratio Lower Upper

75 100

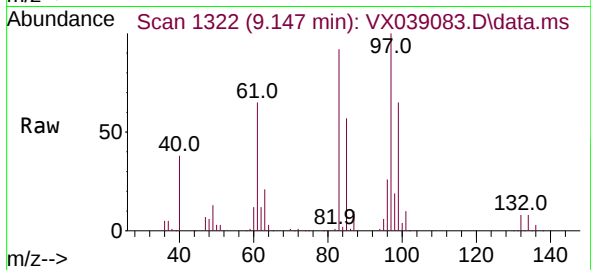
77 31.3 22.0 40.8



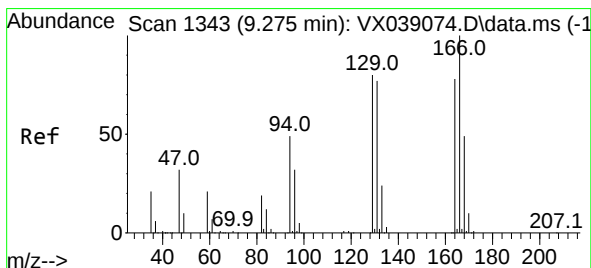
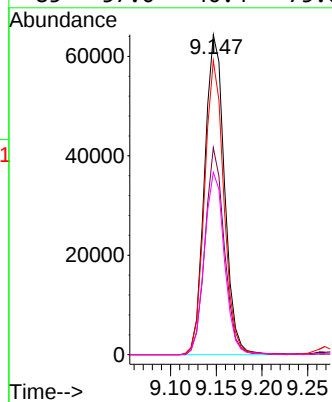
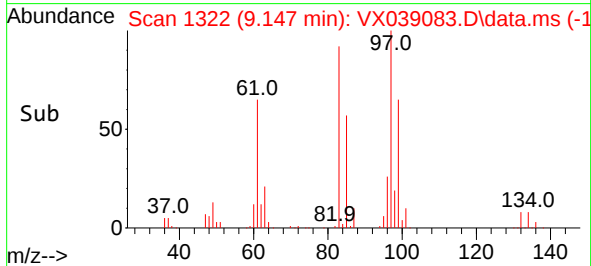


#45
1,1,2-Trichloroethane
Concen: 48.640 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

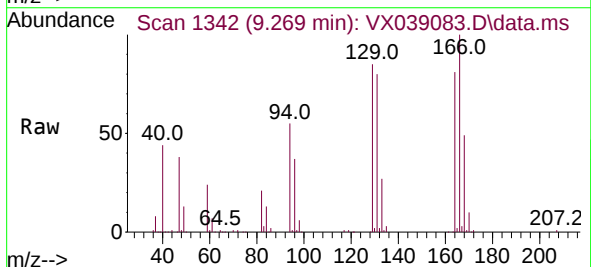
Instrument :
MSVOA_X
ClientSampleId :



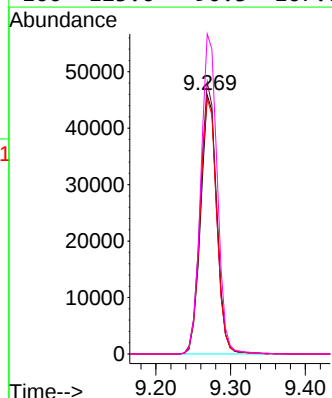
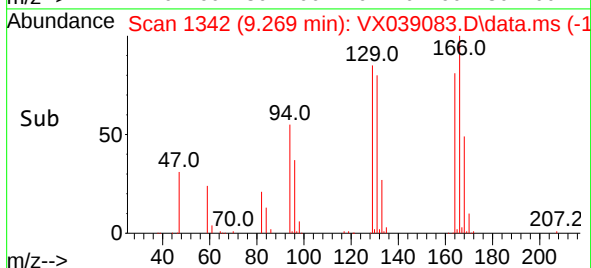
Tgt Ion: 97	Resp: 97447
Ion Ratio	Lower Upper
97 100	
99 64.7	43.1 80.1
83 91.8	64.0 118.8
85 57.0	40.4 75.0

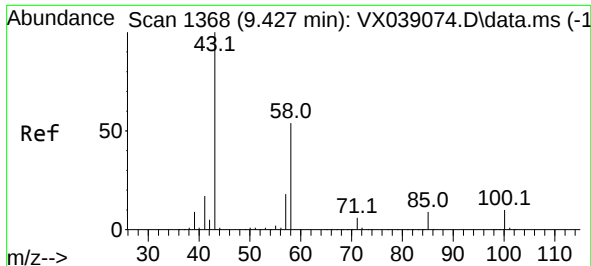


#46
Tetrachloroethene
Concen: 50.327 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18



Tgt	Ion:164	Resp:	69159
Ion	Ratio	Lower	Upper
164	100		
129	105.0	71.9	133.5
131	98.7	69.5	129.1
166	123.6	90.3	167.7





#48

2-Hexanone

Concen: 100.402 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

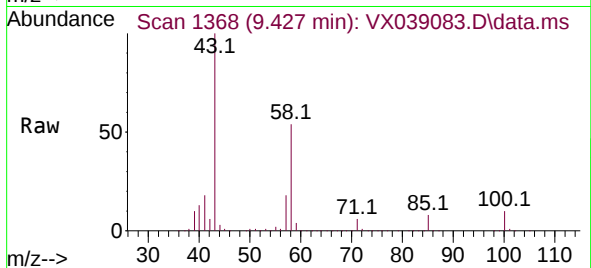
Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 307887

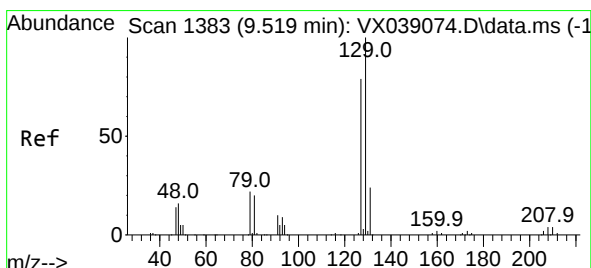
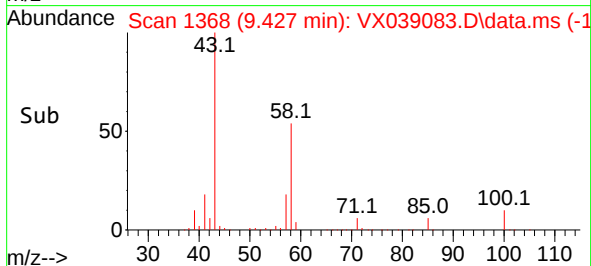
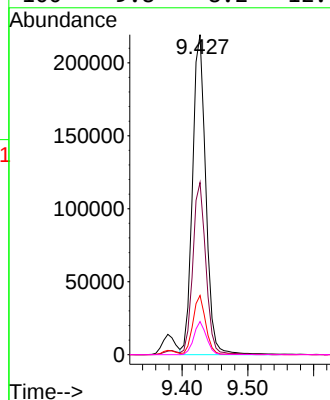
Ion Ratio Lower Upper

43 100

58 52.9 43.0 64.6

57 17.9 14.6 21.8

100 9.8 8.2 12.4



#49

Dibromochloromethane

Concen: 49.672 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039083.D

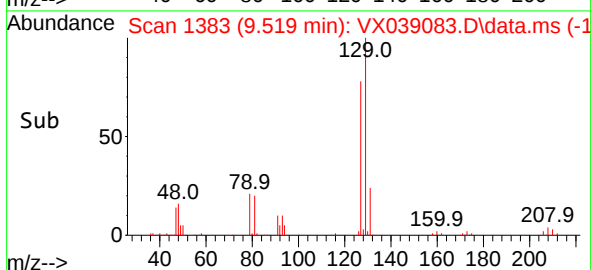
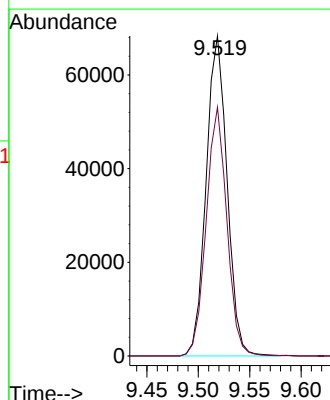
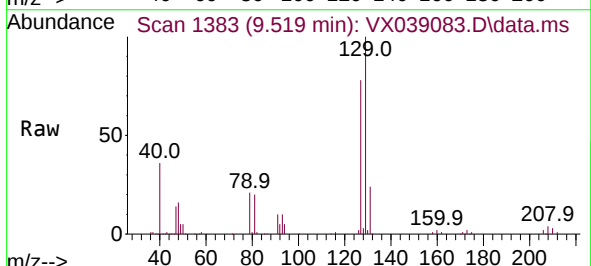
Acq: 05 Dec 2023 15:18

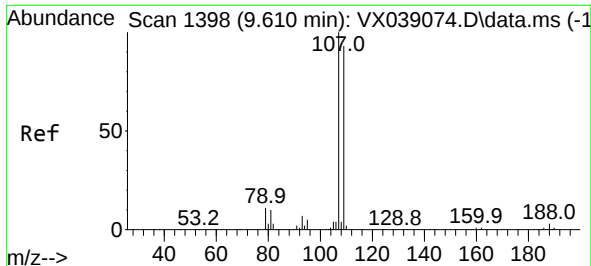
Tgt Ion:129 Resp: 96948

Ion Ratio Lower Upper

129 100

127 77.7 55.2 102.4

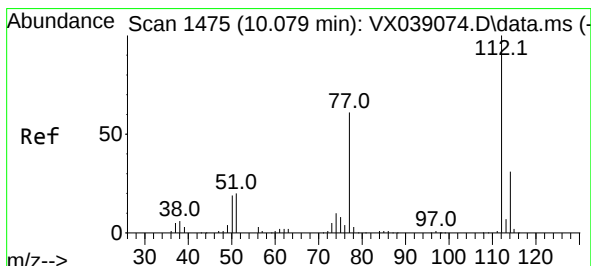
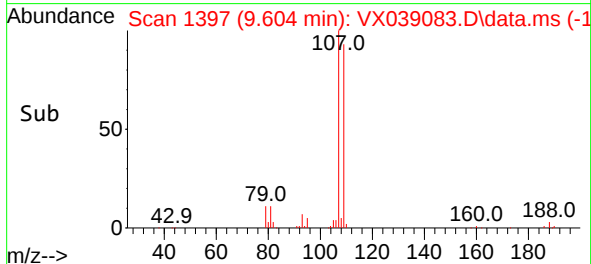
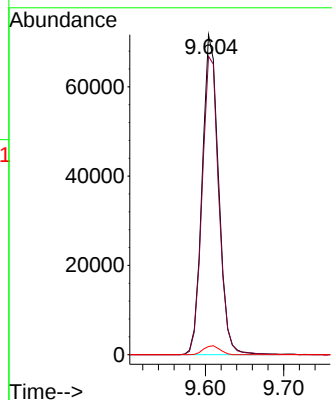
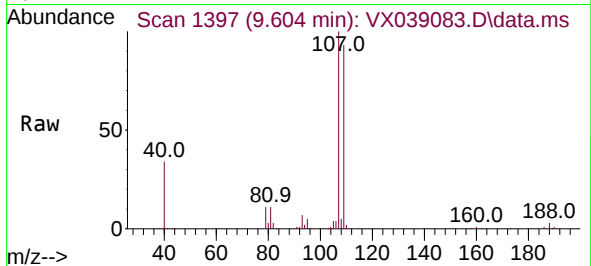




#50
1,2-Dibromoethane
Concen: 48.692 ug/L
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

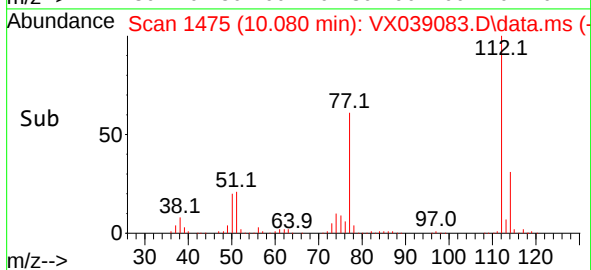
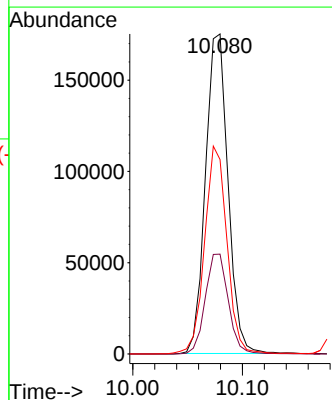
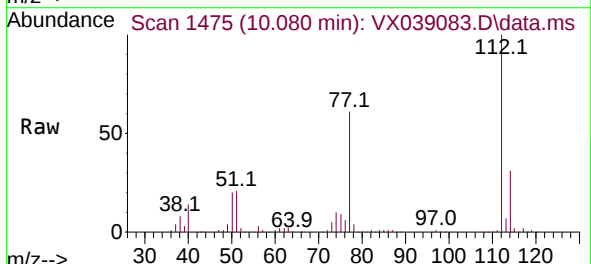
Instrument :
MSVOA_X
ClientSampleId :

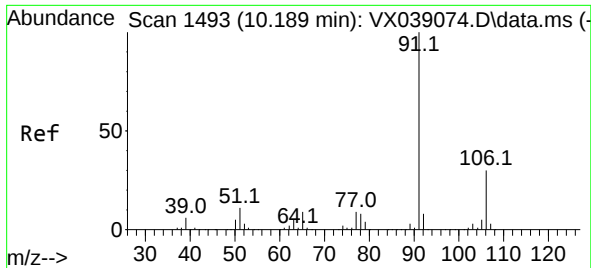
Tgt Ion:107 Resp: 104510
Ion Ratio Lower Upper
107 100
109 93.2 65.2 121.0
188 2.5 2.5 3.7



#51
Chlorobenzene
Concen: 48.397 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion:112 Resp: 249886
Ion Ratio Lower Upper
112 100
114 31.2 21.8 40.4
77 60.7 49.0 73.6

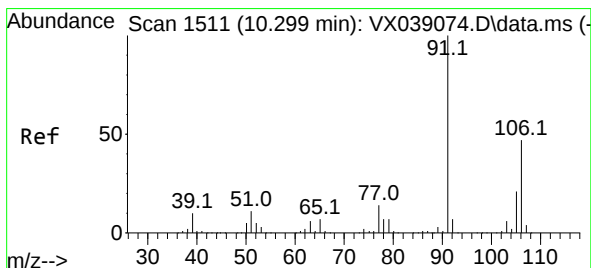
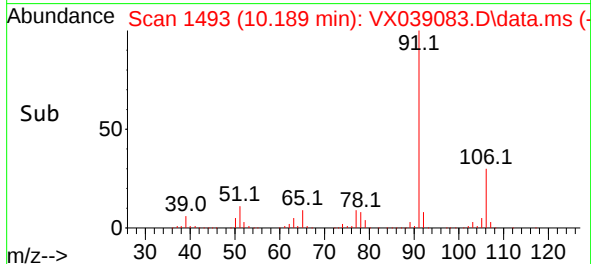
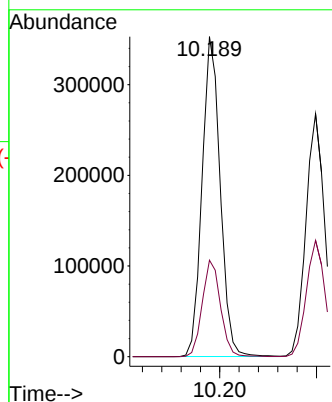
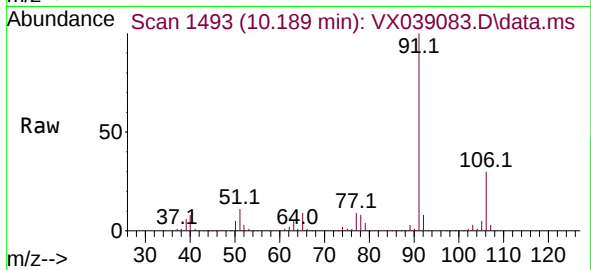




#52
Ethylbenzene
Concen: 49.286 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

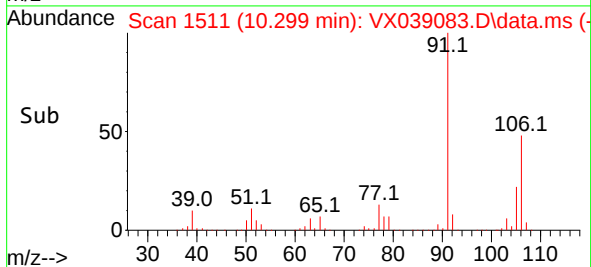
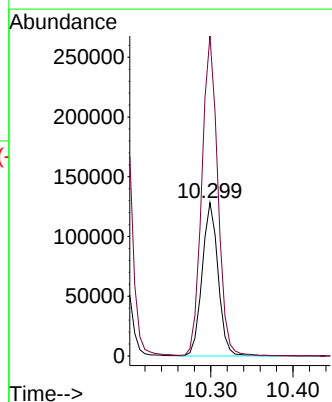
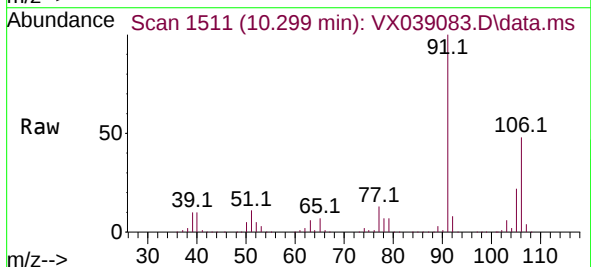
Instrument :
MSVOA_X
ClientSampleId :

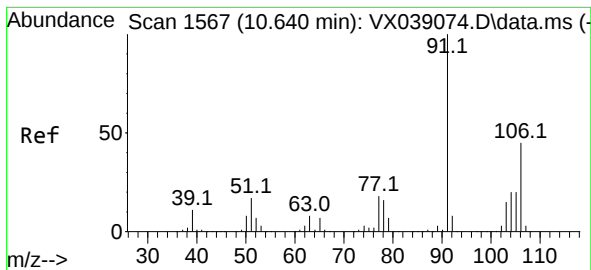
Tgt Ion: 91 Resp: 460569
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 49.479 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion: 106 Resp: 172874
Ion Ratio Lower Upper
106 100
91 208.8 149.0 276.8

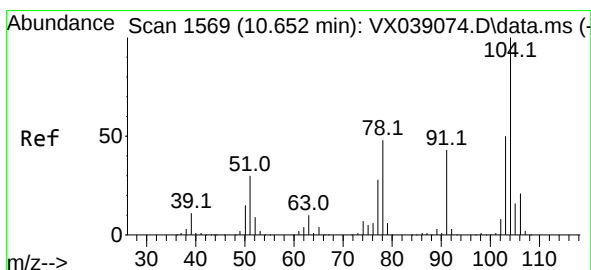
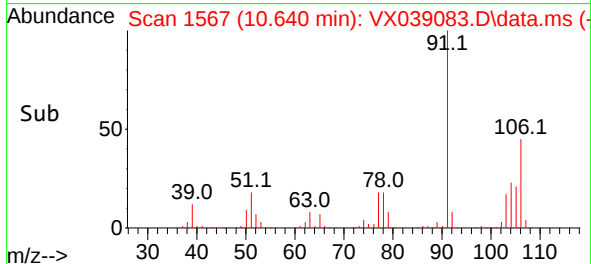
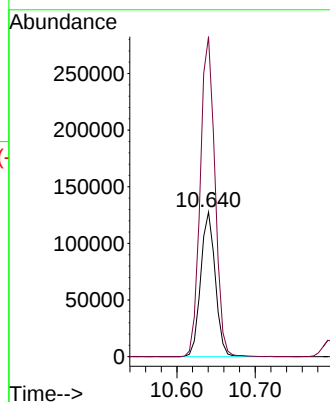
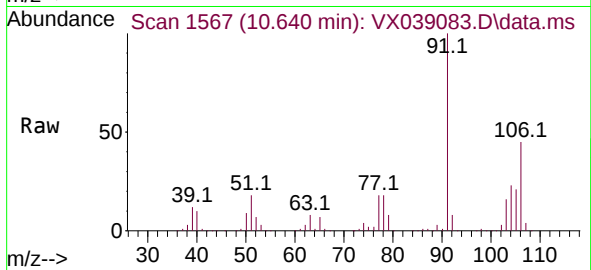




#54
o-Xylene
Concen: 49.264 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

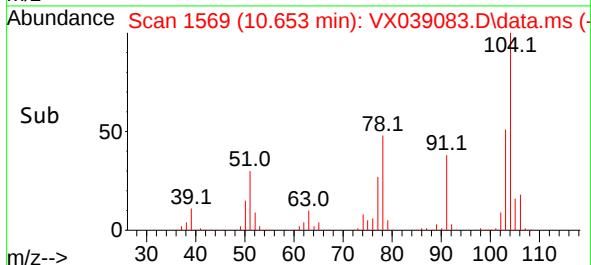
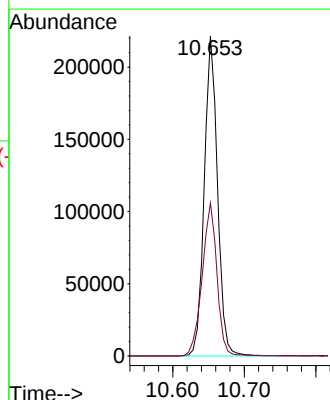
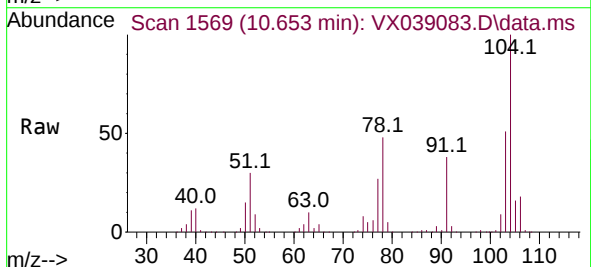
Instrument :
MSVOA_X
ClientSampleId :

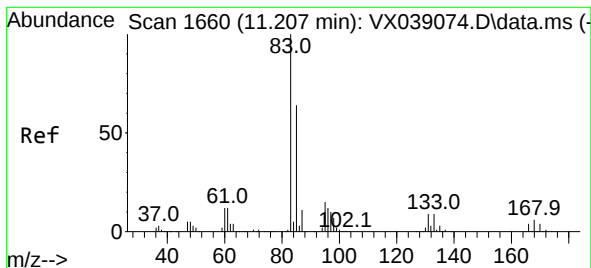
Tgt Ion:106 Resp: 165160
Ion Ratio Lower Upper
106 100
91 221.3 156.2 290.0



#55
Styrene
Concen: 49.703 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion:104 Resp: 285117
Ion Ratio Lower Upper
104 100
78 47.8 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 48.747 ug/L

RT: 11.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

ClientSampleId :

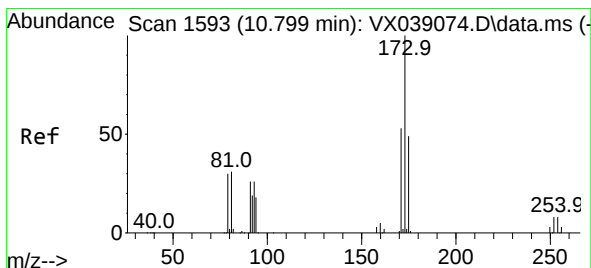
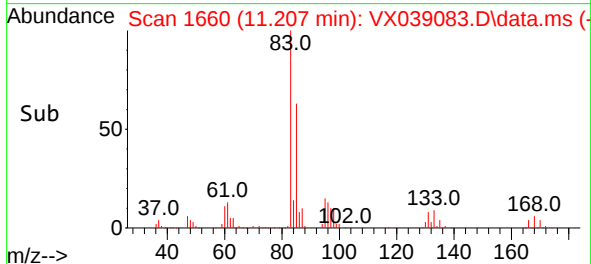
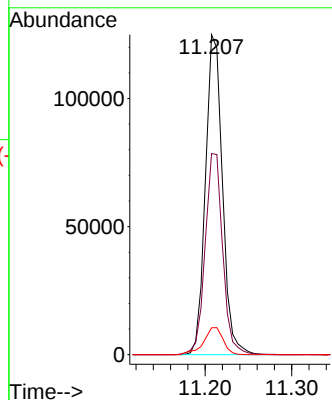
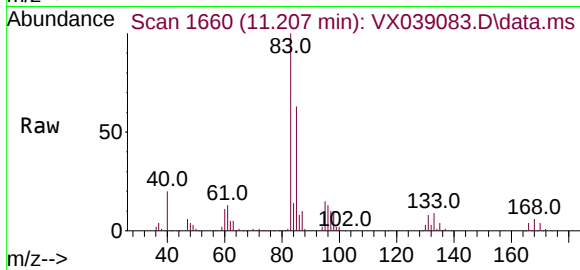
Tgt Ion: 83 Resp: 170438

Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0

131 8.4 7.2 10.8



#59

Bromoform

Concen: 48.225 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

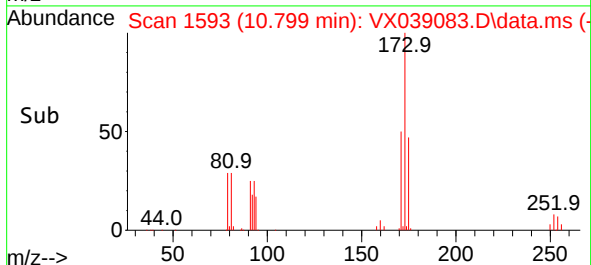
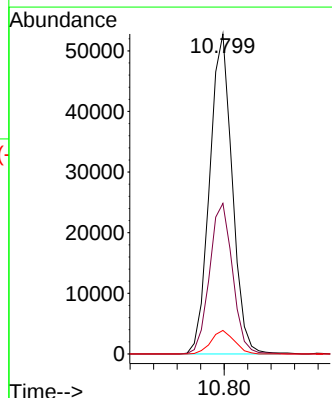
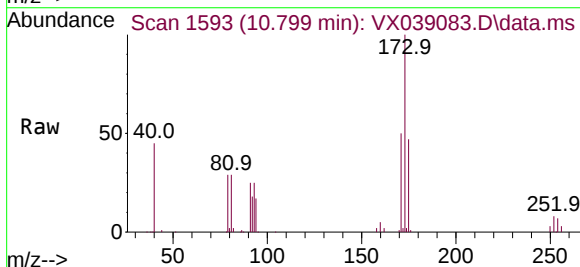
Tgt Ion:173 Resp: 70478

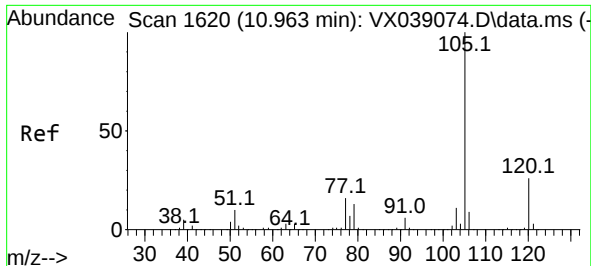
Ion Ratio Lower Upper

173 100

175 47.9 38.7 58.1

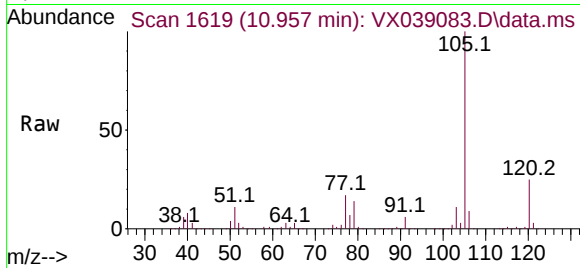
254 7.6 6.2 9.2



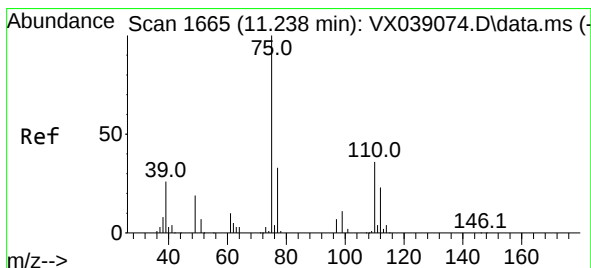
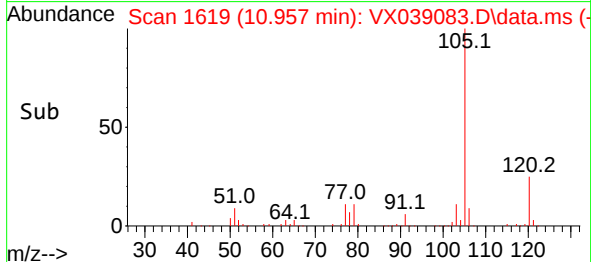
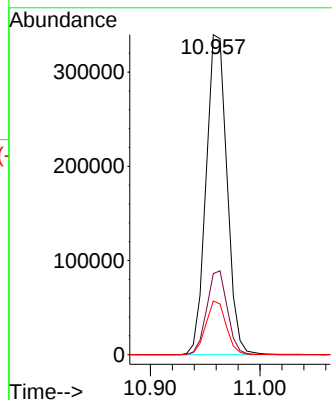


#60
Isopropylbenzene
Concen: 49.534 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Instrument :
MSVOA_X
ClientSampleId :

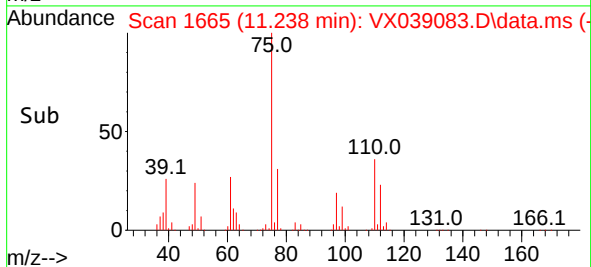
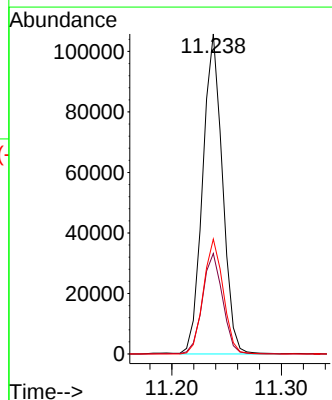
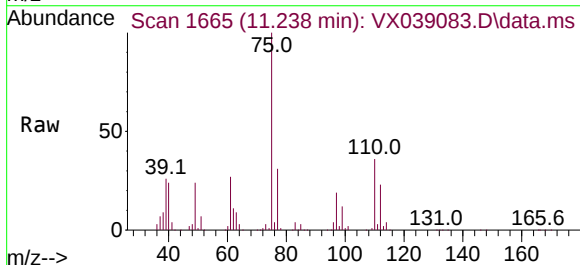


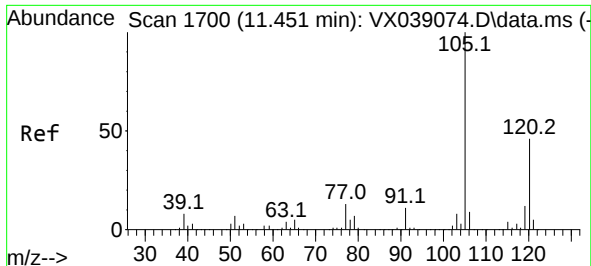
Tgt Ion:105 Resp: 450084
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 48.701 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion: 75 Resp: 132661
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
110 35.8 28.4 42.6

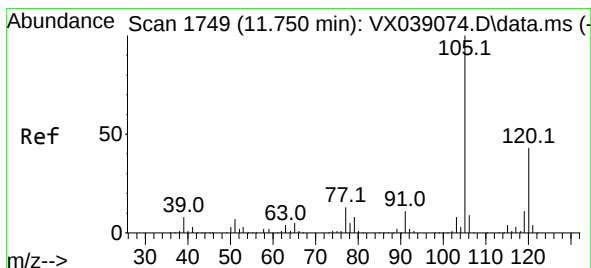
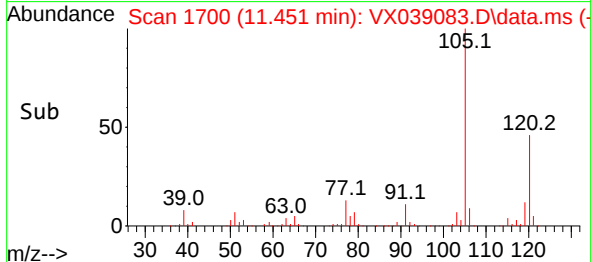
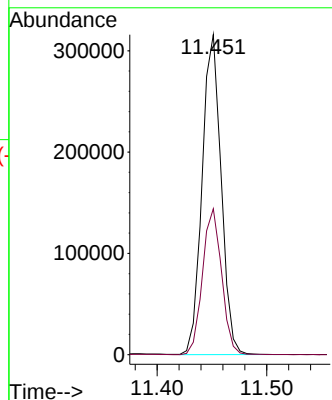
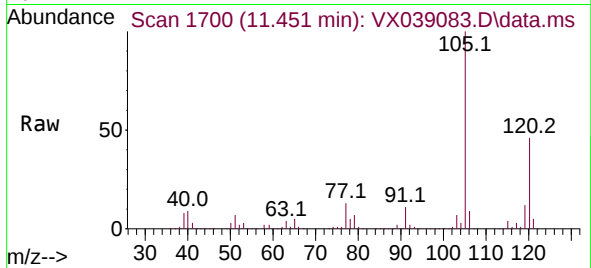




#62
1,3,5-Trimethylbenzene
Concen: 49.591 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

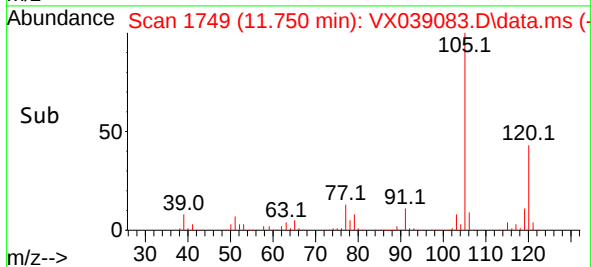
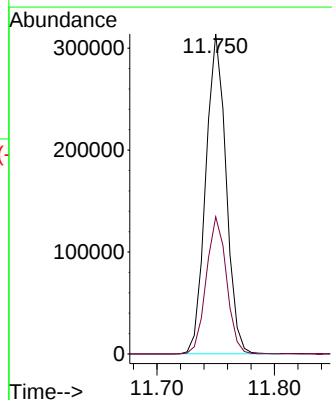
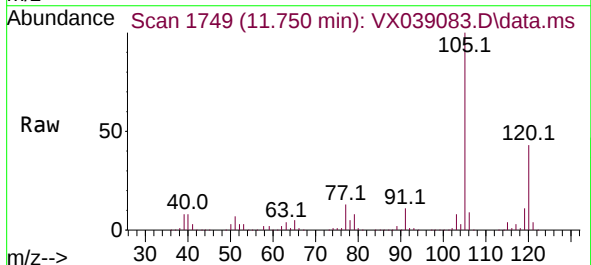
Instrument :
MSVOA_X
ClientSampleId :

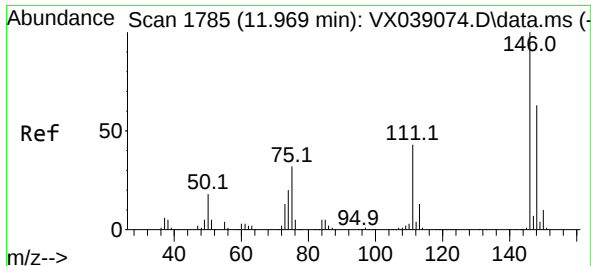
Tgt Ion:105 Resp: 380417
Ion Ratio Lower Upper
105 100
120 45.8 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 49.854 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion:105 Resp: 374999
Ion Ratio Lower Upper
105 100
120 42.9 34.9 52.3

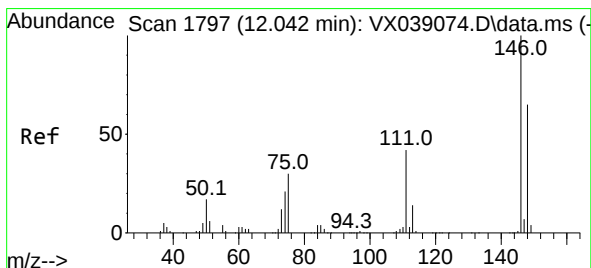
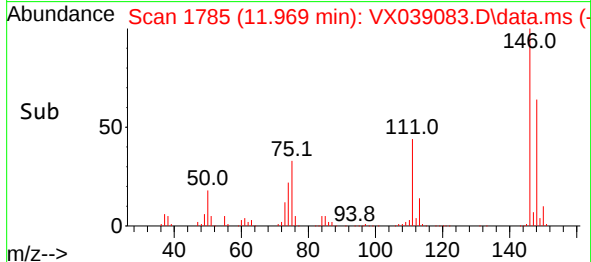
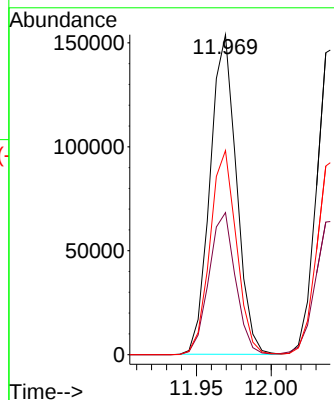
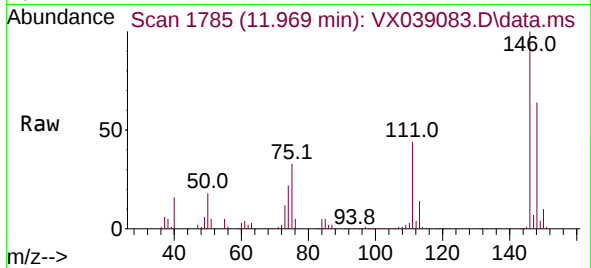




#64
1,3-Dichlorobenzene
Concen: 48.499 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

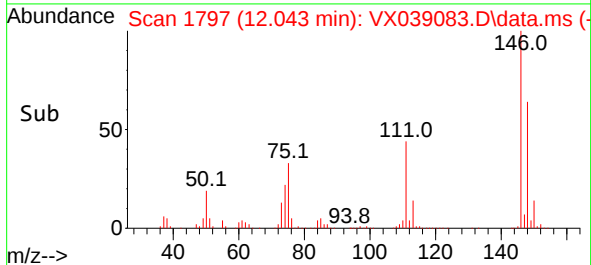
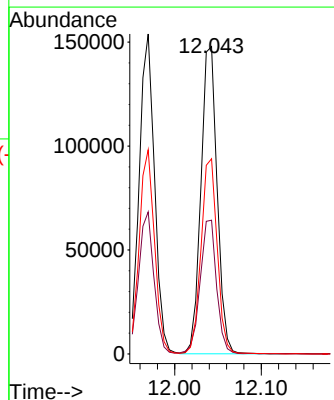
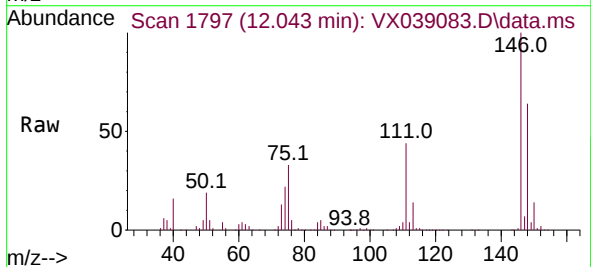
Instrument :
MSVOA_X
ClientSampleId :

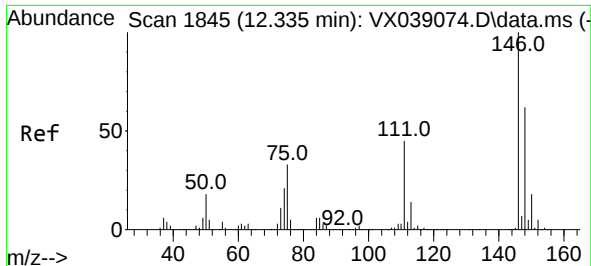
Tgt Ion:146 Resp: 188618
Ion Ratio Lower Upper
146 100
111 44.4 30.0 55.6
148 63.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 48.947 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039083.D
Acq: 05 Dec 2023 15:18

Tgt Ion:146 Resp: 192900
Ion Ratio Lower Upper
146 100
111 43.5 29.7 55.1
148 63.5 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 48.656 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

ClientSampleId :

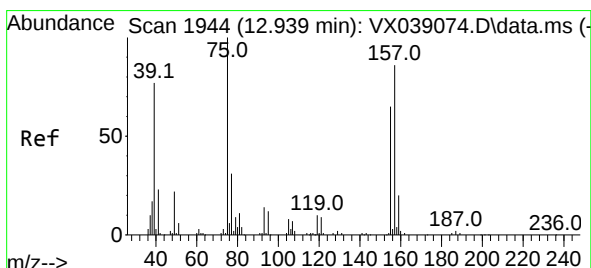
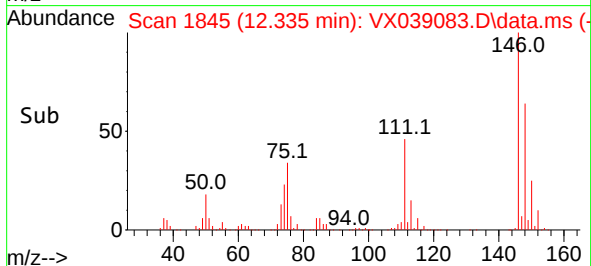
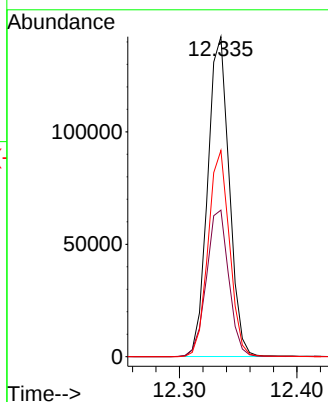
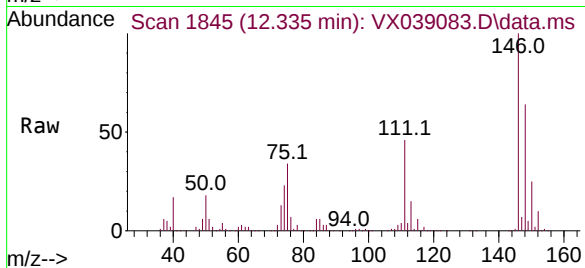
Tgt Ion:146 Resp: 181012

Ion Ratio Lower Upper

146 100

111 45.8 36.4 54.6

148 64.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 49.006 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

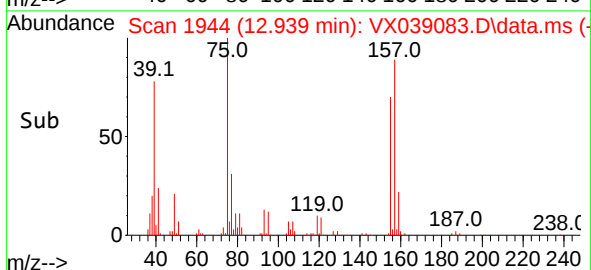
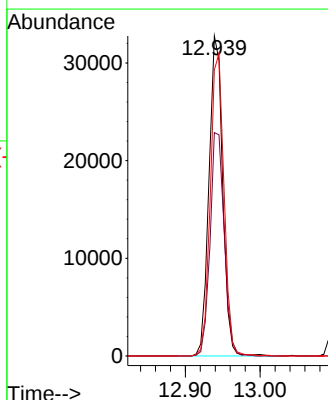
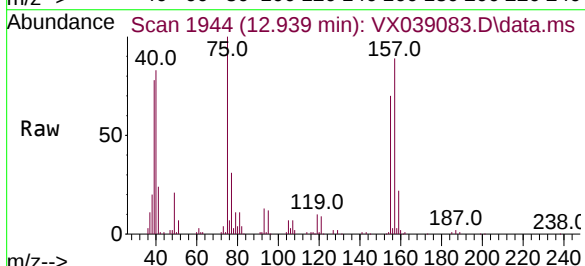
Tgt Ion: 75 Resp: 41662

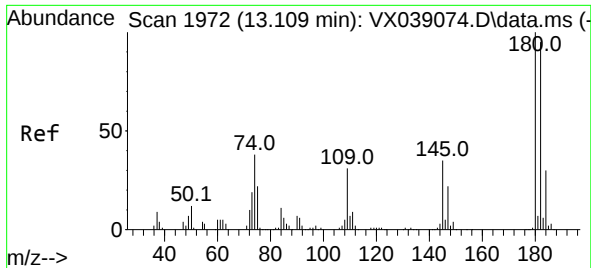
Ion Ratio Lower Upper

75 100

155 69.8 52.3 78.5

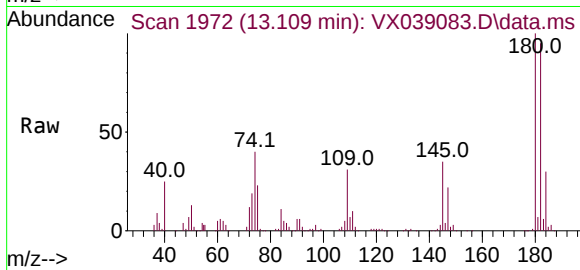
157 89.4 68.7 103.1



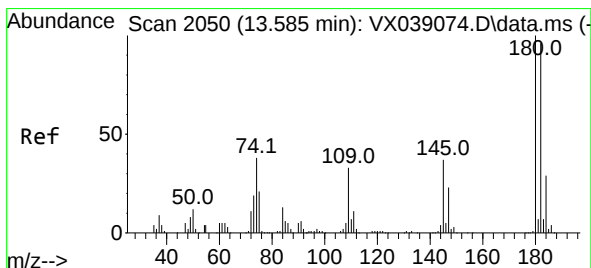
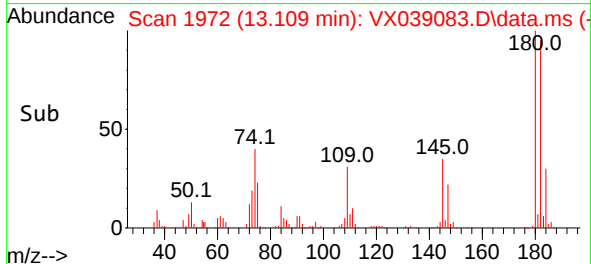
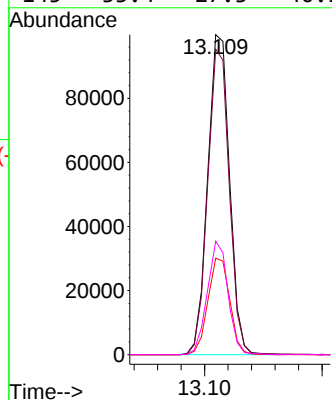


#69
 1,3,5-Trichlorobenzene
 Concen: 50.222 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VX039083.D
 Acq: 05 Dec 2023 15:18

Instrument :
 MSVOA_X
 ClientSampleId :

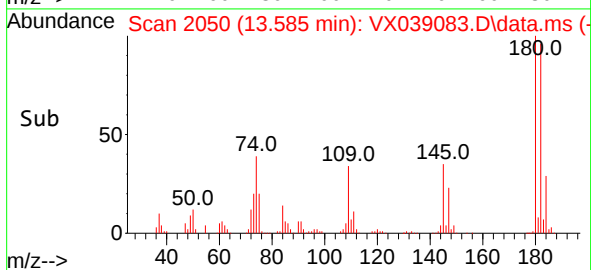
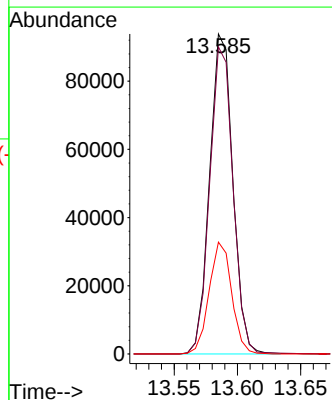
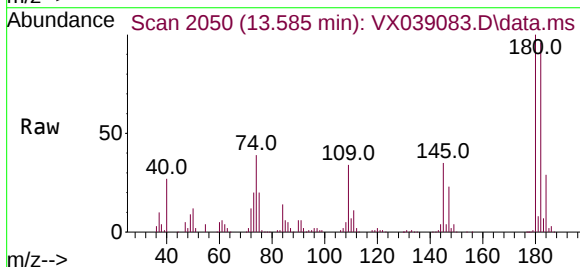


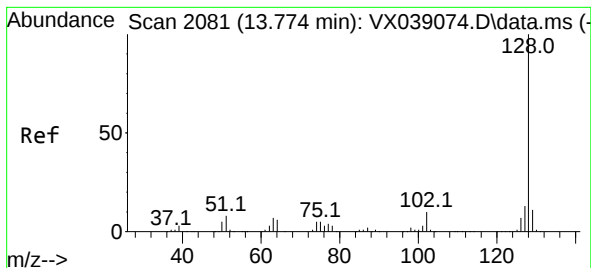
Tgt Ion:180 Resp: 129171
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.1 114.1
 184 30.1 24.1 36.1
 145 33.4 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 49.396 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX039083.D
 Acq: 05 Dec 2023 15:18

Tgt Ion:180 Resp: 119769
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.8 115.2
 145 34.0 27.8 41.6





#71

Naphthalene

Concen: 48.753 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Instrument :

MSVOA_X

ClientSampleId :

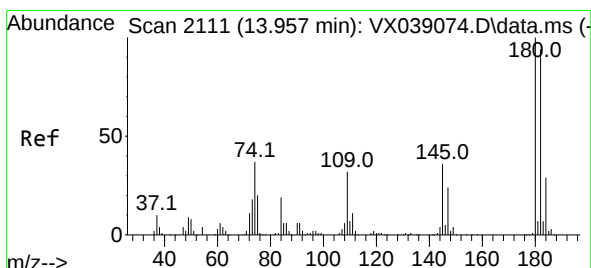
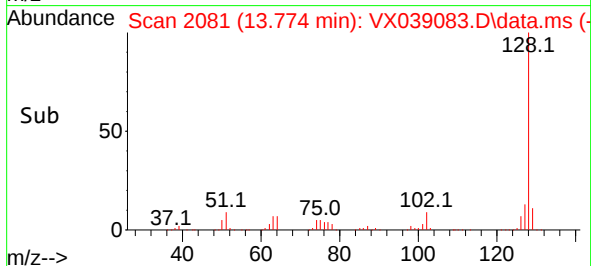
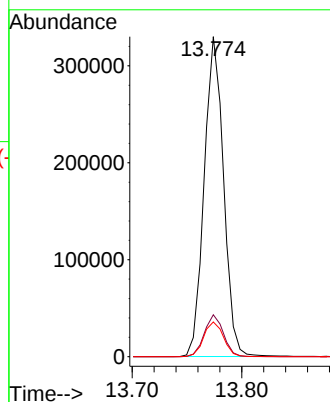
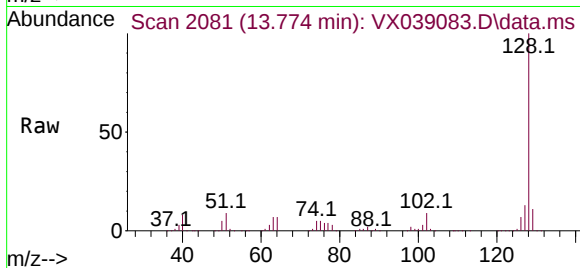
Tgt Ion:128 Resp: 405400

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.977 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039083.D

Acq: 05 Dec 2023 15:18

Tgt Ion:180 Resp: 114985

Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 36.6 28.6 42.8

