

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039276.D
 Acq On : 16 Dec 2023 09:37
 Operator : JC/MD
 Sample : 05845-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:17:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	205058	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190230	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	96399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	76071	47.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.600%
7) Chloroethane-d5	1.666	69	55873	46.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.306	65	37659	53.340	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.680%
21) 2-Butanone-d5	4.452	46	144917	99.539	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.540%
24) Chloroform-d	5.056	84	155218	54.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.040%
26) 1,2-Dichloroethane-d4	5.952	65	102670	55.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.360%
32) Benzene-d6	5.976	84	301848	51.414	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.820%
36) 1,2-Dichloropropane-d6	7.305	67	96039	50.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.660%
41) Toluene-d8	8.647	98	274442	51.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.160%
43) trans-1,3-Dichloroprop...	8.951	79	46004	47.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.700%
47) 2-Hexanone-d5	9.384	63	109441	96.983	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.980%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	139181	51.929	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.860%
66) 1,2-Dichlorobenzene-d4	12.317	152	93069	51.077	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90394	55.277	ug/L	100
3) Chloromethane	1.294	50	91588	53.584	ug/L	98
5) Vinyl chloride	1.374	62	86905	51.588	ug/L	99
6) Bromomethane	1.605	94	50693	55.751	ug/L	99
8) Chloroethane	1.691	64	50008	52.509	ug/L	96
9) Trichlorofluoromethane	1.892	101	122264	56.001	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76591	54.537	ug/L	99
12) 1,1-Dichloroethene	2.319	96	74409	56.327	ug/L	96
13) Acetone	2.373	43	473921	338.847	ug/L	96
14) Carbon disulfide	2.514	76	215234	51.202	ug/L	99
15) Methyl Acetate	2.696	43	82557	41.297	ug/L	100
16) Methylene chloride	2.788	84	84004	55.348	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	75126	53.975	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	274526	56.664	ug/L	97
19) 1,1-Dichloroethane	3.611	63	153680	55.841	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	87354	54.109	ug/L	96
22) 2-Butanone	4.550	43	228714	133.246	ug/L	99
23) Bromochloromethane	4.897	128	41694	54.940	ug/L	97
25) Chloroform	5.092	83	155558	56.669	ug/L	97

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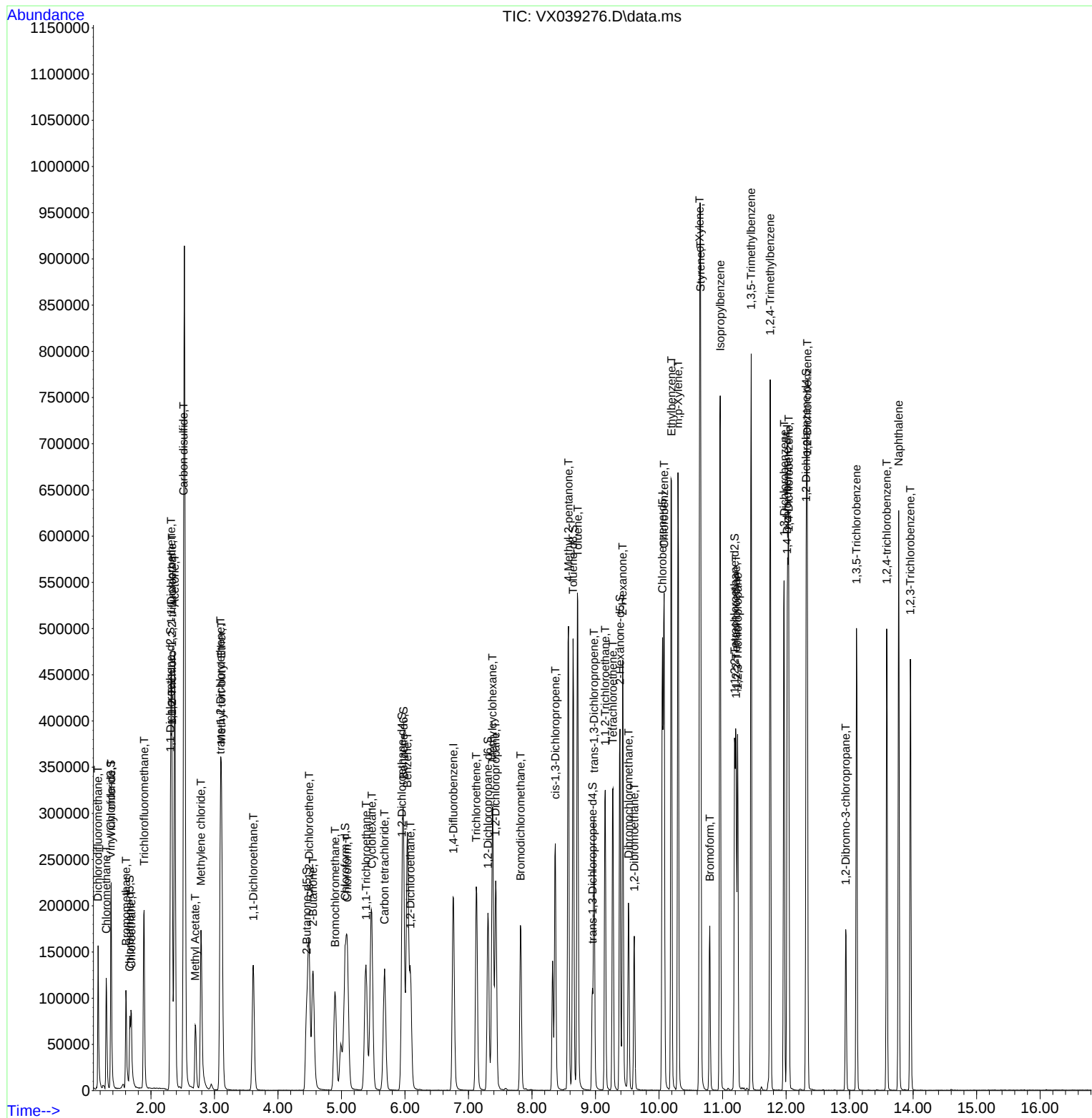
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	133408	61.576	ug/L	# 95
29) Cyclohexane	5.476	56	139971	52.599	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	130237	56.426	ug/L	97
31) Carbon tetrachloride	5.678	117	108845	56.523	ug/L	100
33) Benzene	6.037	78	327630	54.195	ug/L	100
34) Trichloroethene	7.123	95	86950	54.424	ug/L	97
35) Methylcyclohexane	7.379	83	132838	49.924	ug/L	97
37) 1,2-Dichloropropane	7.427	63	89149	53.172	ug/L	99
38) Bromodichloromethane	7.818	83	115583	56.679	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	135122	50.531	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	309055	109.986	ug/L	97
42) Toluene	8.720	91	347609	54.224	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	129619	52.234	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	84672	55.108	ug/L	98
46) Tetrachloroethene	9.275	164	56200	53.325	ug/L	97
48) 2-Hexanone	9.427	43	244107	103.795	ug/L	98
49) Dibromochloromethane	9.518	129	81957	54.753	ug/L	99
50) 1,2-Dibromoethane	9.610	107	91050	55.313	ug/L	98
51) Chlorobenzene	10.079	112	213610	53.944	ug/L	96
52) Ethylbenzene	10.195	91	394240	55.009	ug/L	99
53) m,p-Xylene	10.299	106	143901	53.703	ug/L	98
54) o-Xylene	10.640	106	138979	54.052	ug/L	98
55) Styrene	10.652	104	242796	55.188	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	148861	55.515	ug/L	99
59) Bromoform	10.799	173	56506	49.875	ug/L	99
60) Isopropylbenzene	10.963	105	383599	54.458	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	116508	55.172	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	326529	54.908	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	317422	54.435	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	161485	53.561	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	160984	52.693	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	155387	53.878	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	36028	54.666	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	101741	51.027	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	96533	51.357	ug/L	99
71) Naphthalene	13.774	128	343328	53.259	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	95215	52.315	ug/L	99

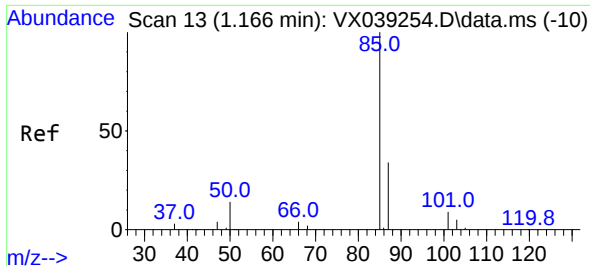
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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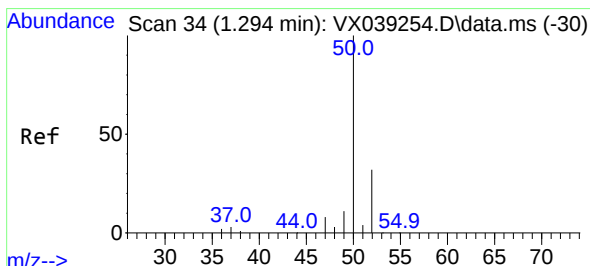
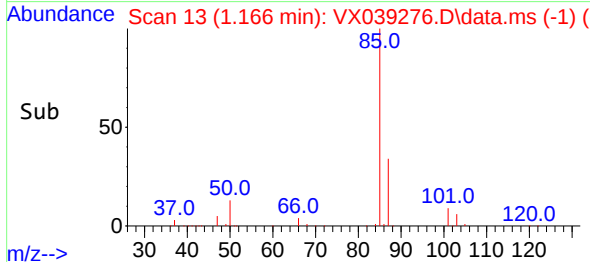
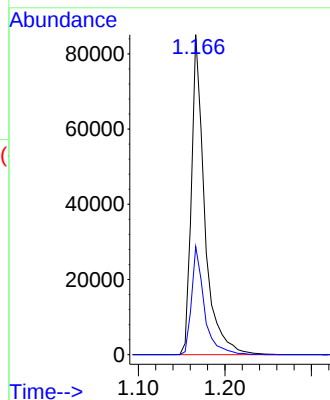
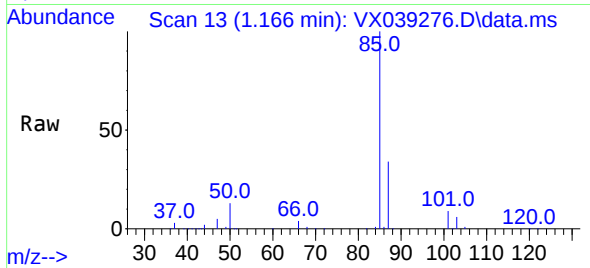




#2
 Dichlorodifluoromethane
 Concen: 55.277 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039276.D
 Acq: 16 Dec 2023 09:37

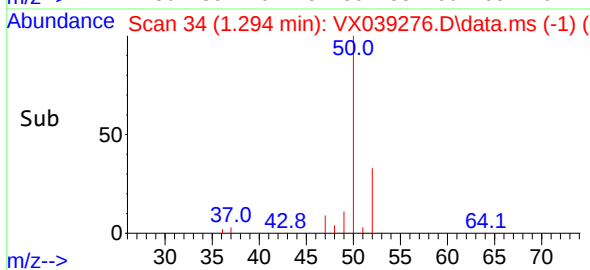
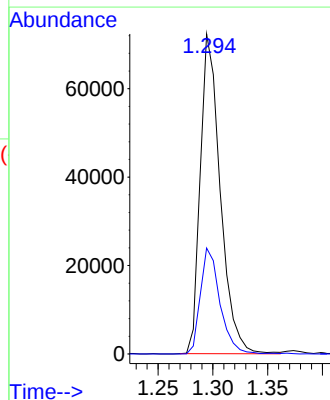
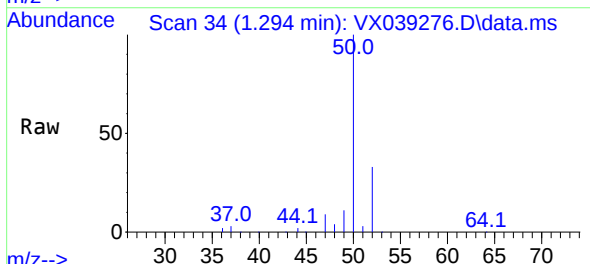
Instrument :
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 ClientSampleId :

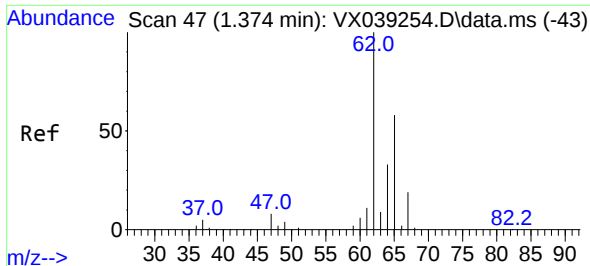
Tgt Ion: 85 Resp: 90394
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 53.584 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039276.D
 Acq: 16 Dec 2023 09:37

Tgt Ion: 50 Resp: 91588
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.4 41.6

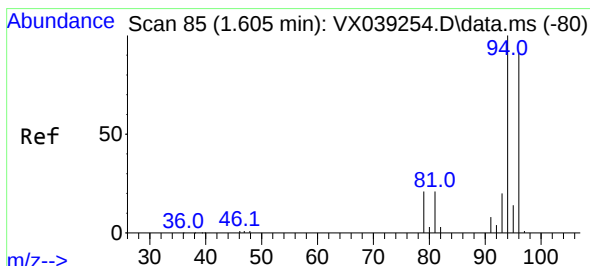
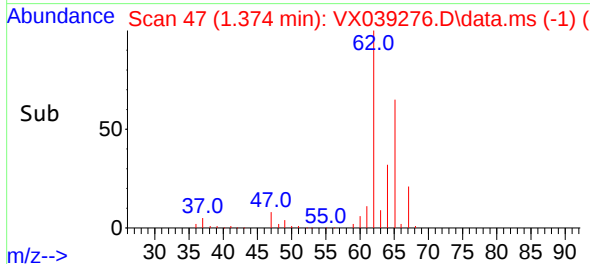
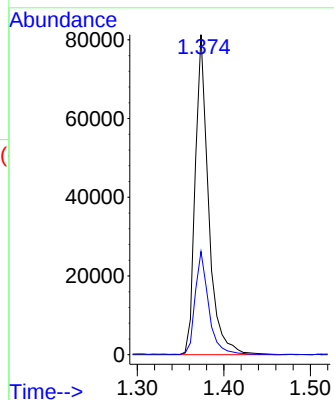
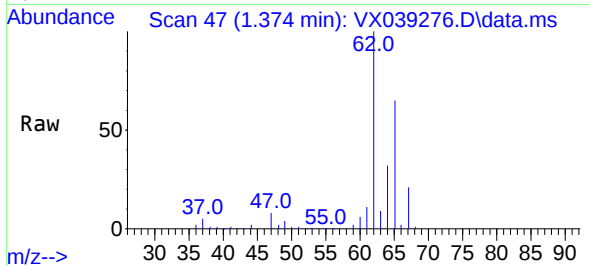




#5
 Vinyl chloride
 Concen: 51.588 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039276.D
 Acq: 16 Dec 2023 09:37

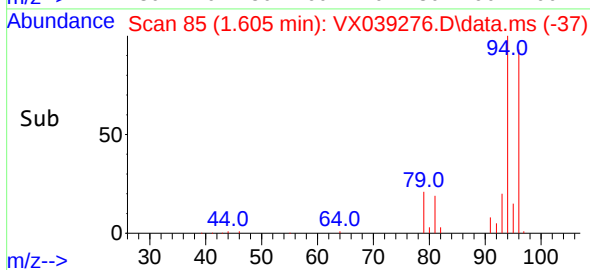
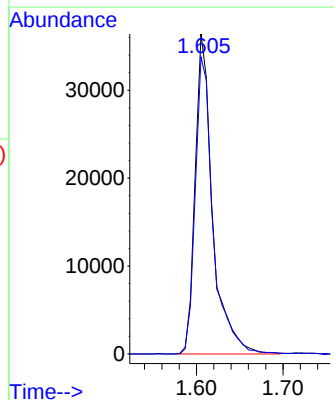
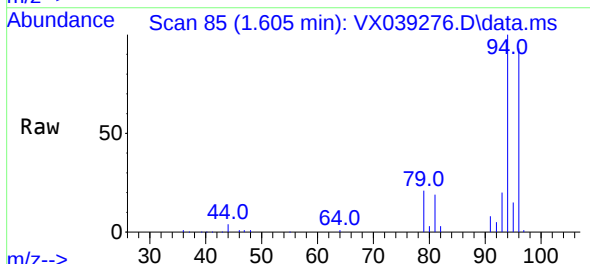
Instrument :
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 ClientSampleId :

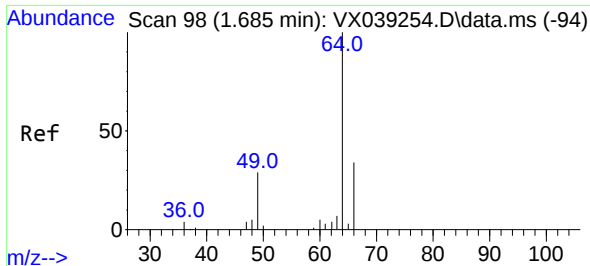
Tgt Ion: 62 Resp: 86905
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.3 41.3



#6
 Bromomethane
 Concen: 55.751 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX039276.D
 Acq: 16 Dec 2023 09:37

Tgt Ion: 94 Resp: 50693
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.8 122.2

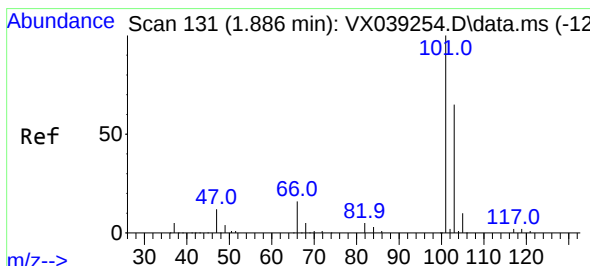
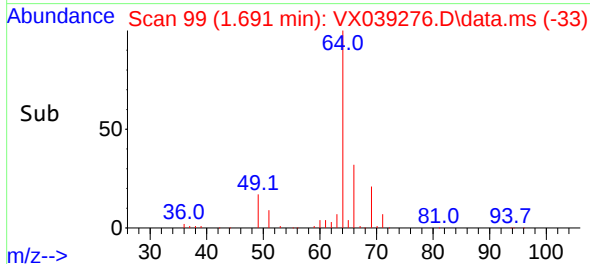
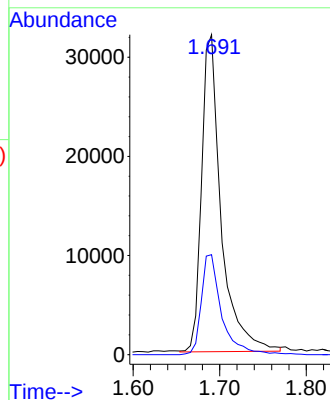
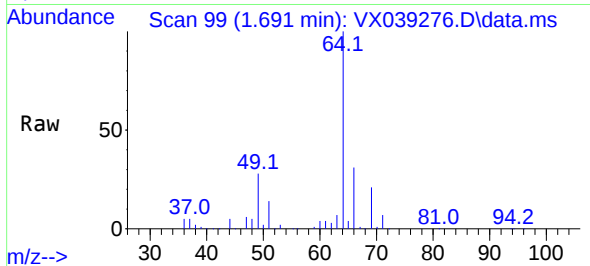




#8
Chloroethane
Concen: 52.509 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

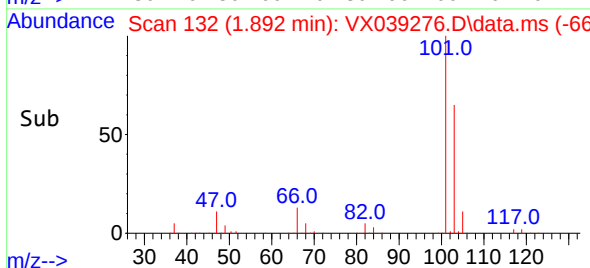
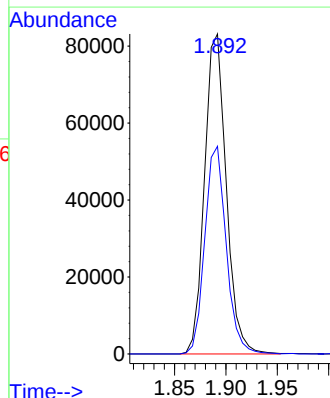
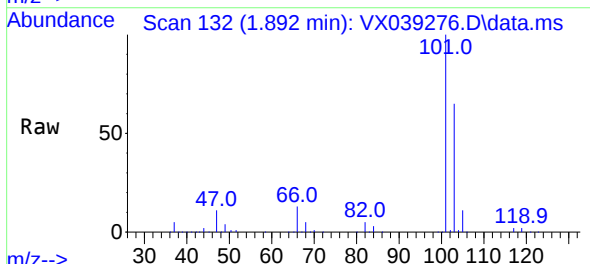
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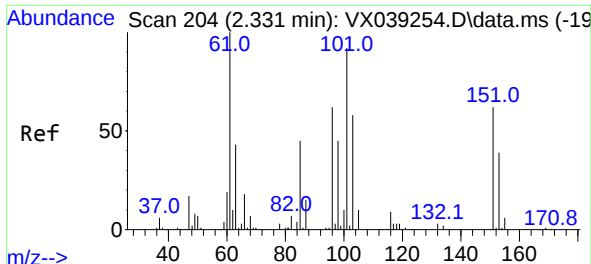
Tgt Ion: 64 Resp: 50008
Ion Ratio Lower Upper
64 100
66 31.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 56.001 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

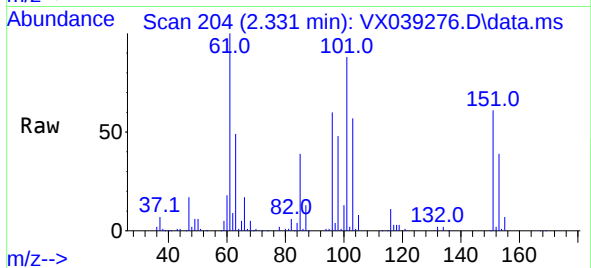
Tgt Ion:101 Resp: 122264
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2



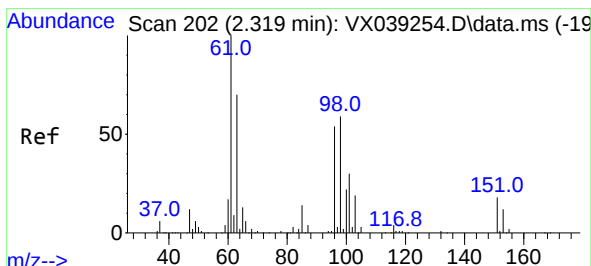
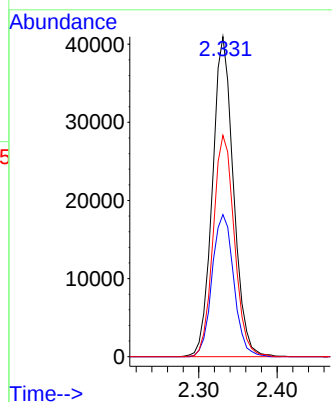
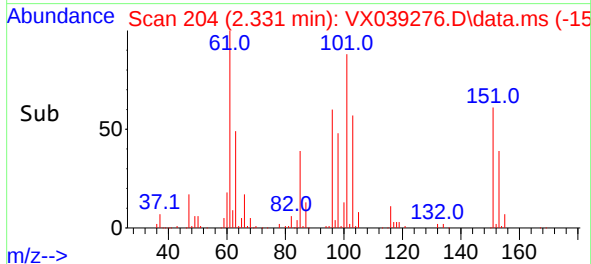


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.537 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX039276.D
 Acq: 16 Dec 2023 09:37

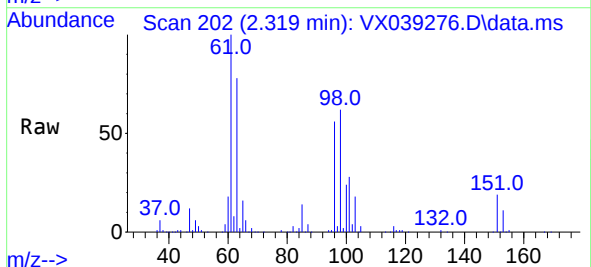
Instrument :
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 ClientSampleId :



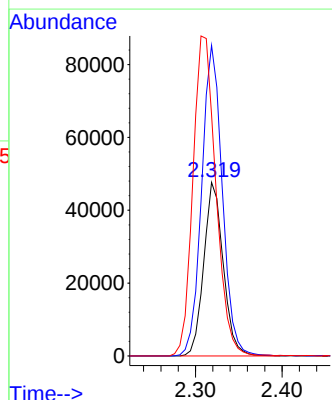
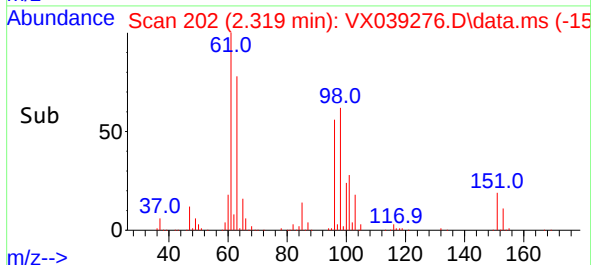
Tgt Ion:101 Resp: 76591
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.8 53.6
 151 69.7 55.4 83.2

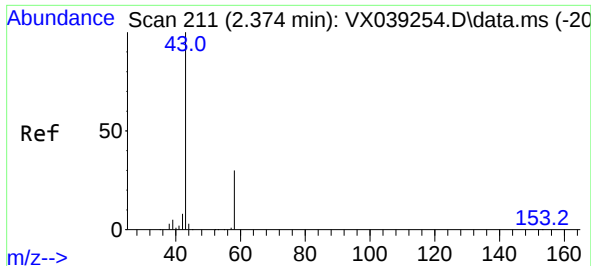


#12
 1,1-Dichloroethene
 Concen: 56.327 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039276.D
 Acq: 16 Dec 2023 09:37



Tgt Ion: 96 Resp: 74409
 Ion Ratio Lower Upper
 96 100
 61 178.9 128.0 237.6
 63 139.0 101.5 188.5





#13

Acetone

Concen: 338.847 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

Instrument :

MSVOA_X

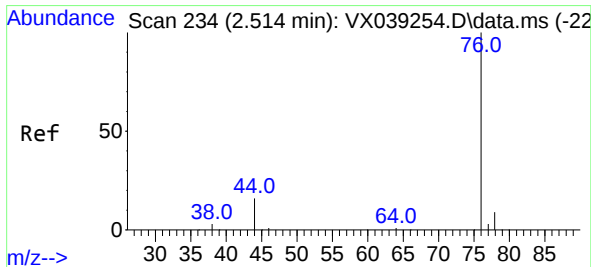
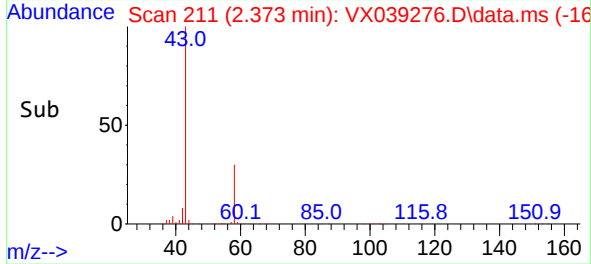
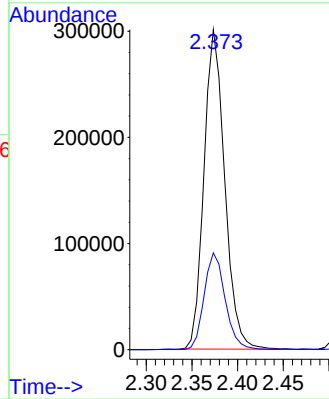
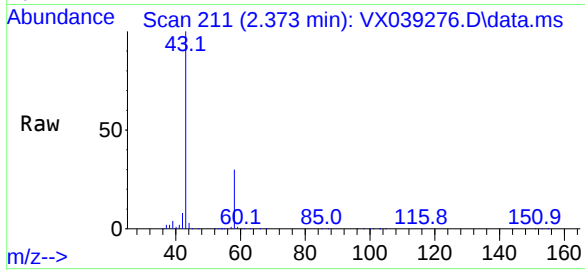
ClientSampleId :

Tgt Ion: 43 Resp: 473921

Ion Ratio Lower Upper

43 100

58 30.8 0.0 65.8



#14

Carbon disulfide

Concen: 51.202 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

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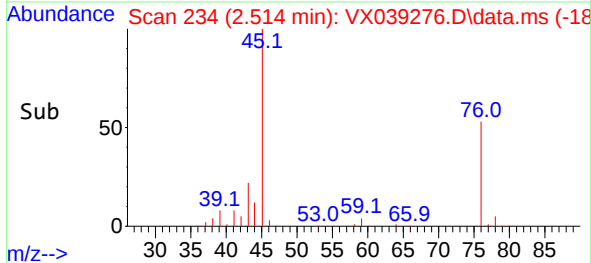
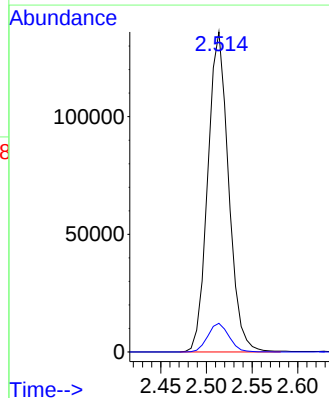
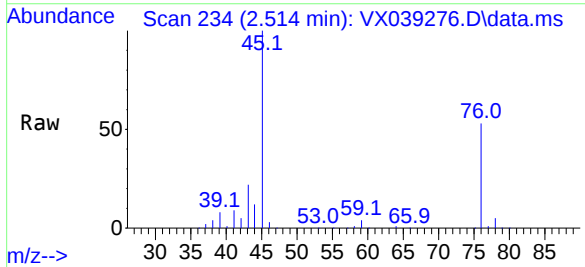
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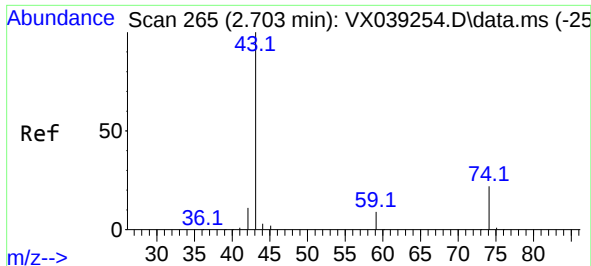
Tgt Ion: 76 Resp: 215234

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

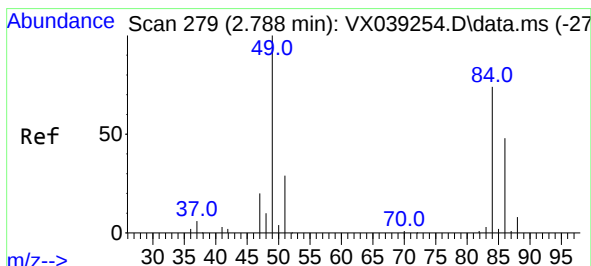
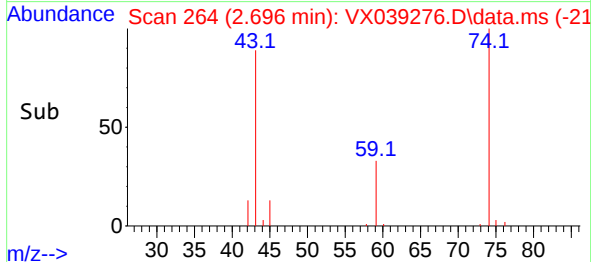
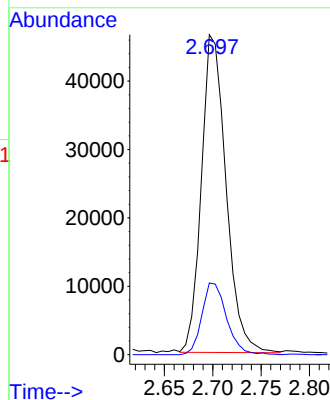
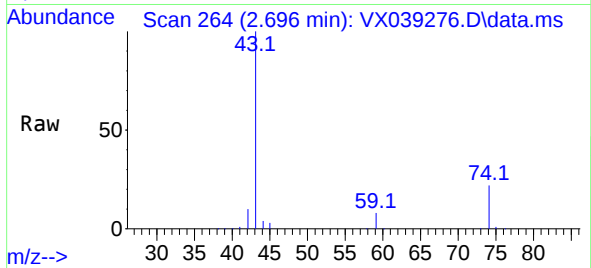




#15
Methyl Acetate
Concen: 41.297 ug/L
RT: 2.696 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

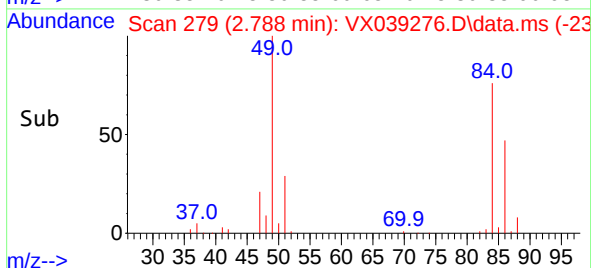
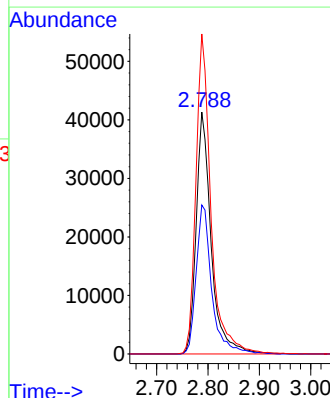
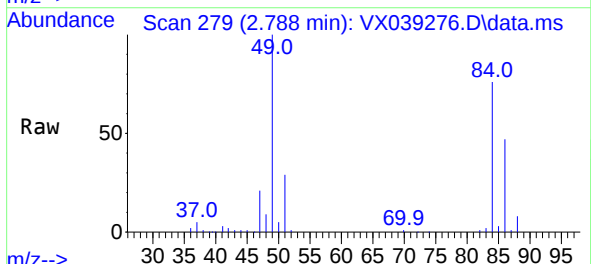
Instrument :
MSVOA_X
ClientSampleId :

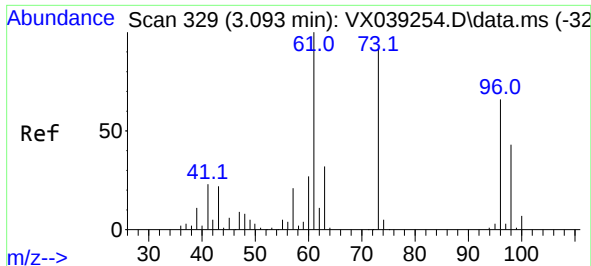
Tgt Ion: 43 Resp: 82557
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.4



#16
Methylene chloride
Concen: 55.348 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion: 84 Resp: 84004
Ion Ratio Lower Upper
84 100
86 61.5 44.7 82.9
49 132.2 90.9 168.7

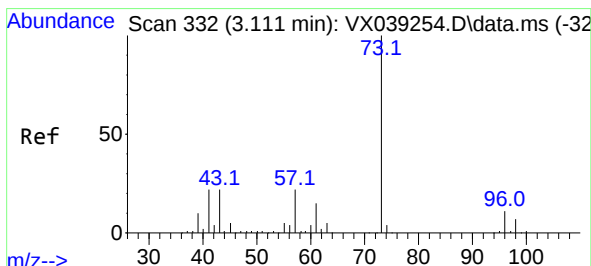
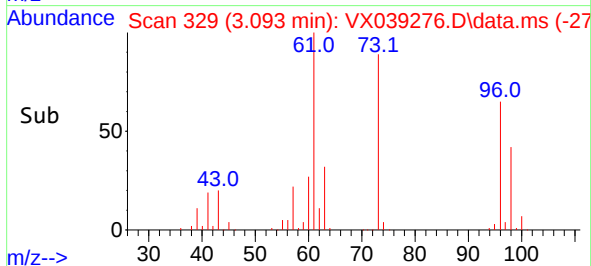
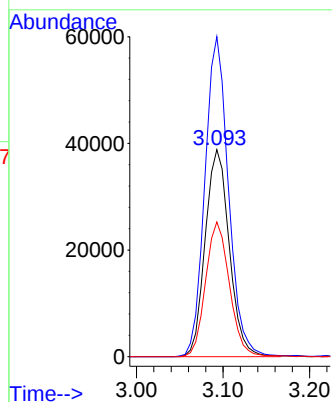
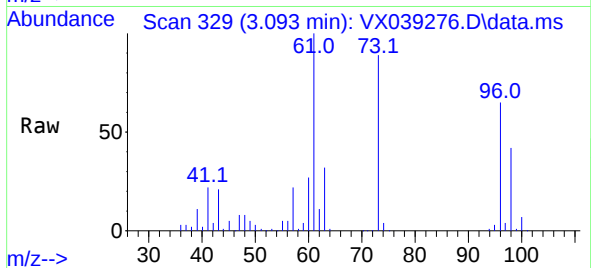




#17
trans-1,2-Dichloroethene
Concen: 53.975 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

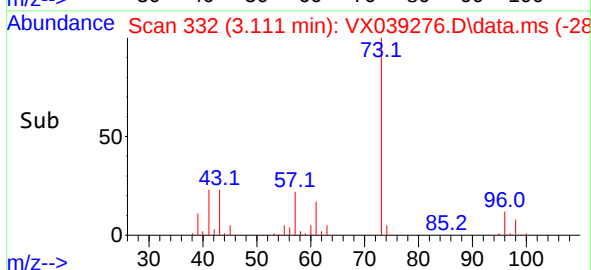
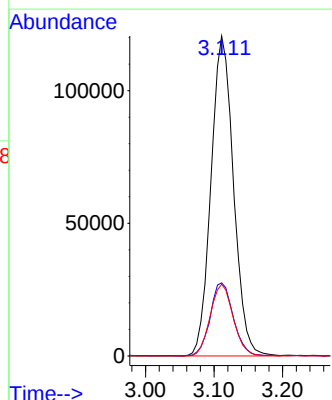
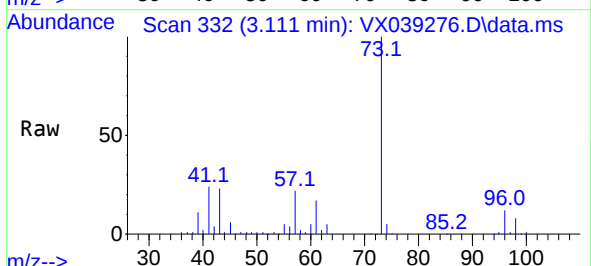
Instrument :
MSVOA_X
ClientSampleId :

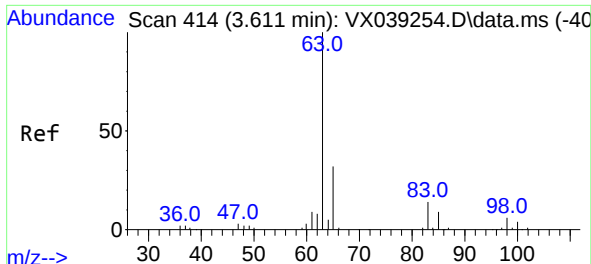
Tgt Ion: 96 Resp: 75126
Ion Ratio Lower Upper
96 100
61 154.6 99.8 185.3
98 65.1 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 56.664 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion: 73 Resp: 274526
Ion Ratio Lower Upper
73 100
43 23.4 16.9 25.3
57 22.8 18.5 27.7





#19

1,1-Dichloroethane

Concen: 55.841 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

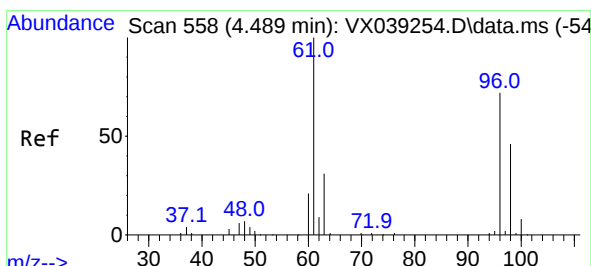
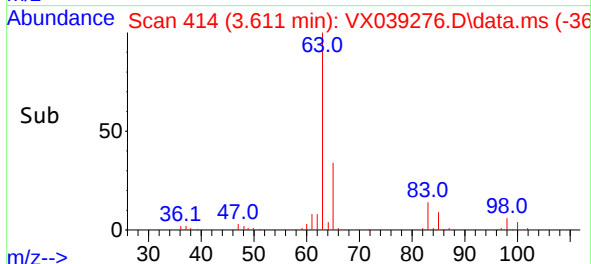
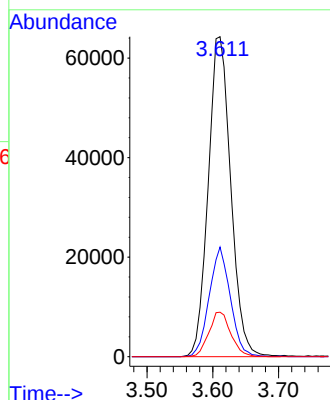
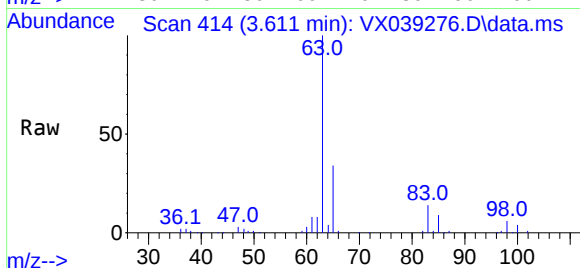
Tgt Ion: 63 Resp: 153680

Ion Ratio Lower Upper

63 100

65 34.2 21.1 39.3

83 13.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 54.109 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

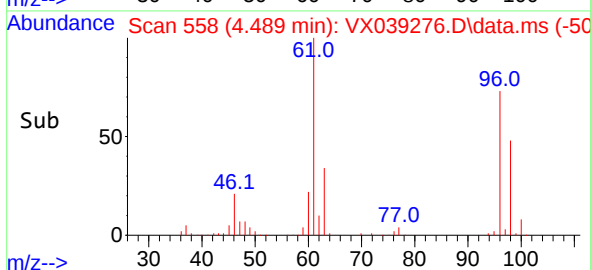
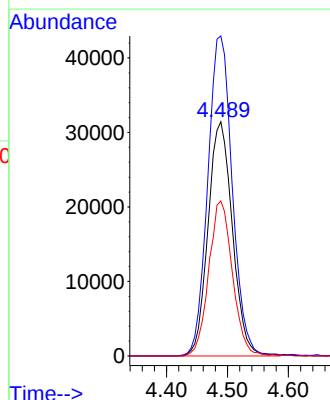
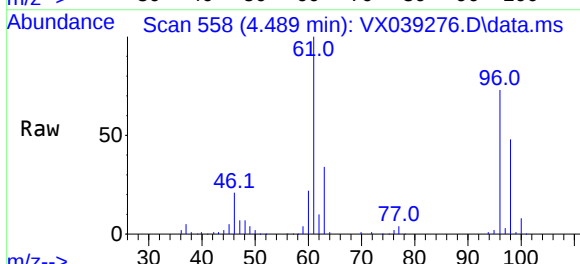
Tgt Ion: 96 Resp: 87354

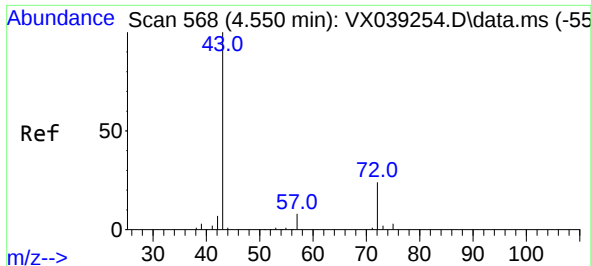
Ion Ratio Lower Upper

96 100

61 136.6 91.7 170.3

98 66.2 44.2 82.2

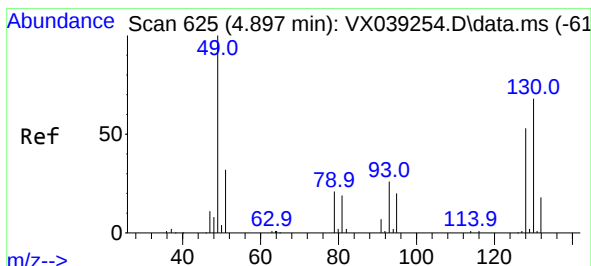
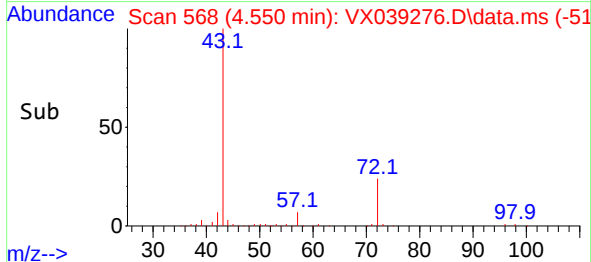
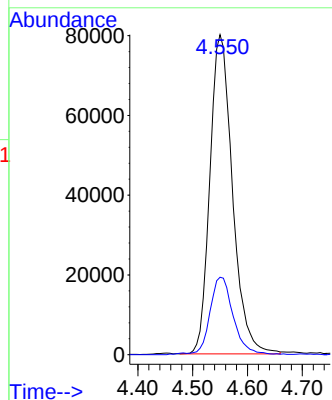
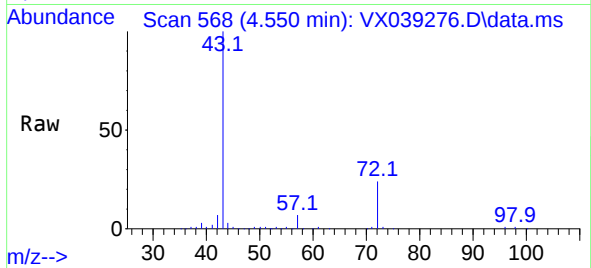




#22
2-Butanone
Concen: 133.246 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

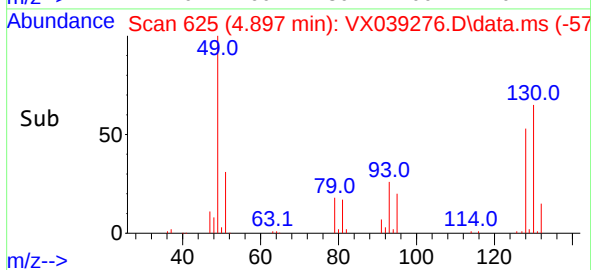
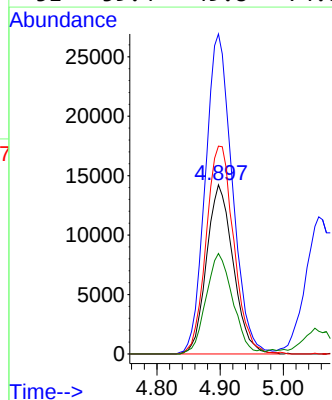
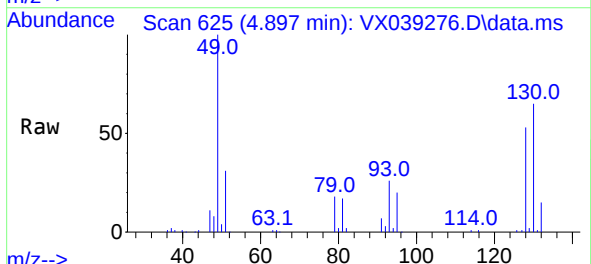
Instrument :
MSVOA_X
ClientSampleId :

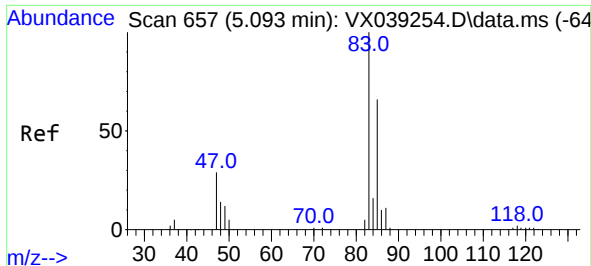
Tgt Ion: 43 Resp: 228714
Ion Ratio Lower Upper
43 100
72 24.8 12.6 37.6



#23
Bromochloromethane
Concen: 54.940 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion:128 Resp: 41694
Ion Ratio Lower Upper
128 100
49 189.2 130.8 243.0
130 122.8 90.6 168.3
51 59.4 49.8 74.8

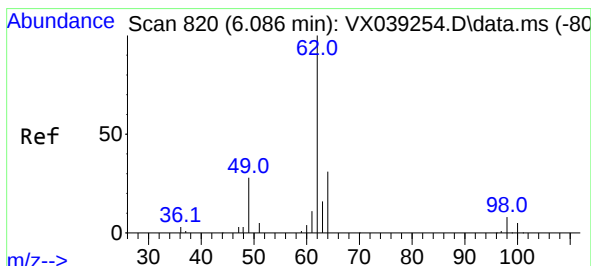
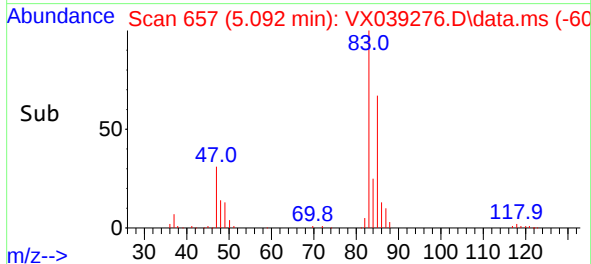
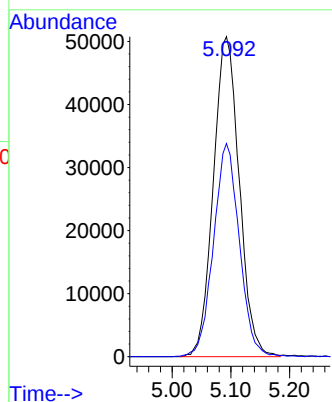
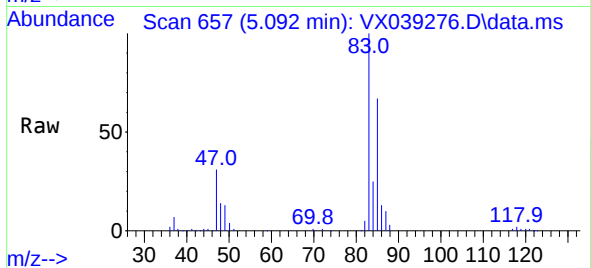




#25
Chloroform
Concen: 56.669 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

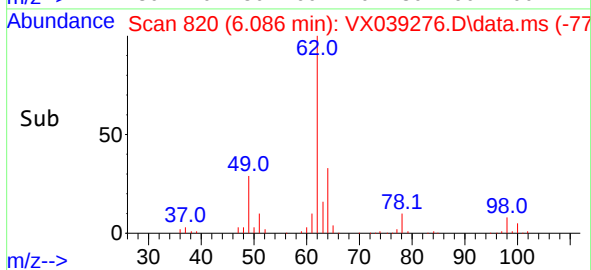
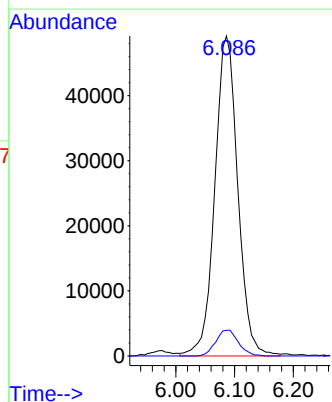
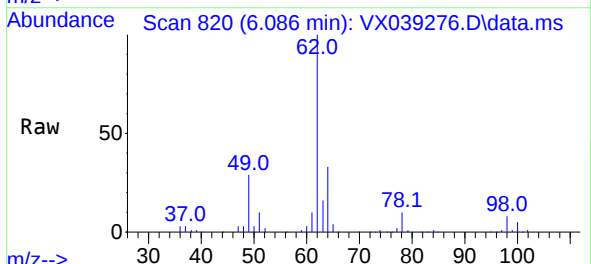
Instrument :
MSVOA_X
ClientSampleId :

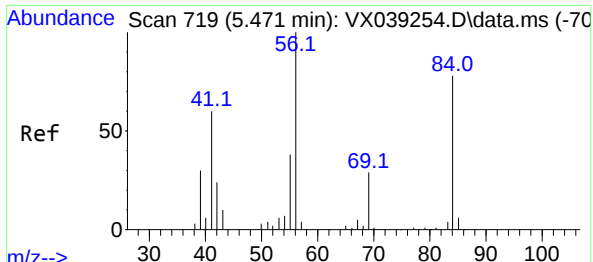
Tgt Ion: 83 Resp: 155558
Ion Ratio Lower Upper
83 100
85 66.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 61.576 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion: 62 Resp: 133408
Ion Ratio Lower Upper
62 100
98 8.0 8.0 12.0#





#29

Cyclohexane

Concen: 52.599 ug/L

RT: 5.476 min Scan# 719

Delta R.T. 0.012 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

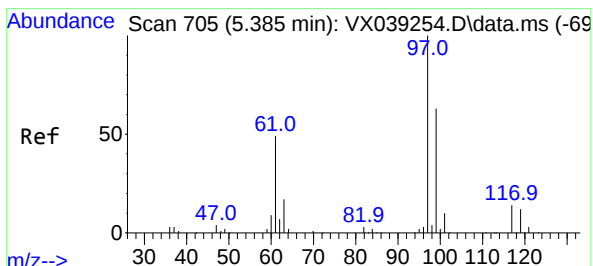
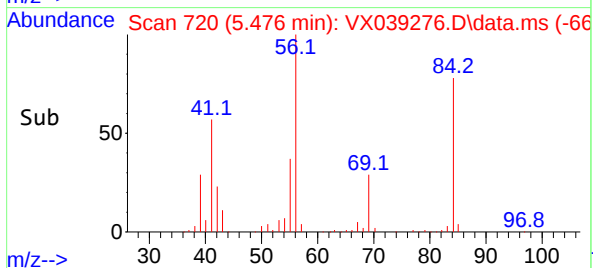
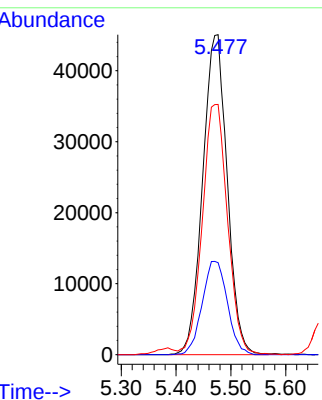
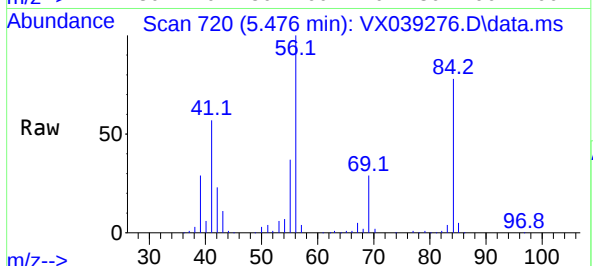
Tgt Ion: 56 Resp: 139971

Ion Ratio Lower Upper

56 100

69 30.0 24.5 36.7

84 80.0 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 56.426 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

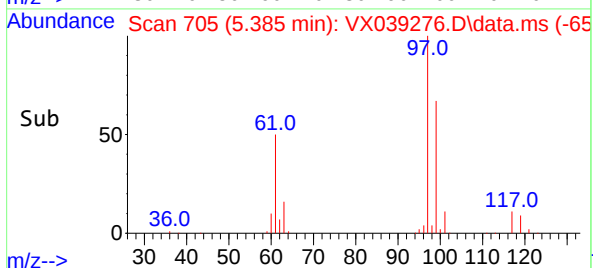
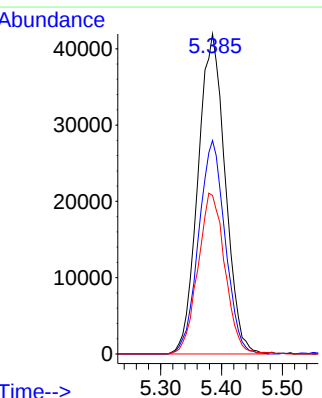
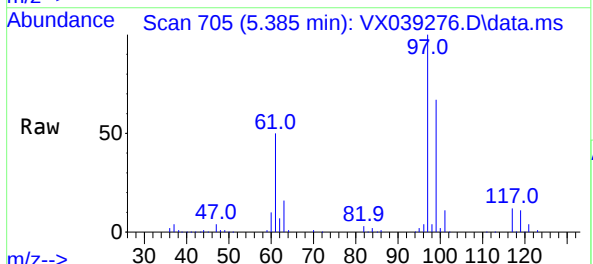
Tgt Ion: 97 Resp: 130237

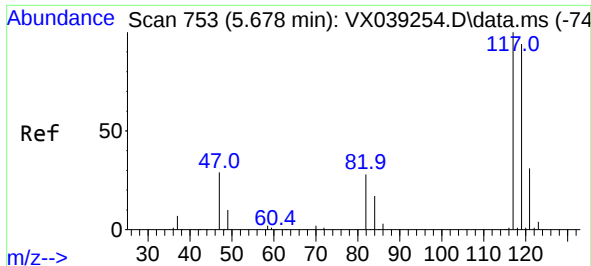
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

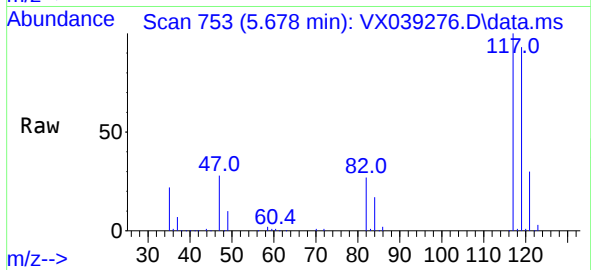
61 49.6 36.7 55.1



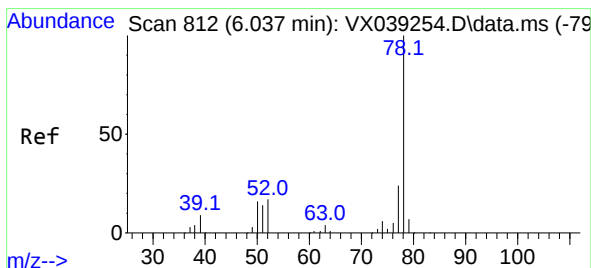
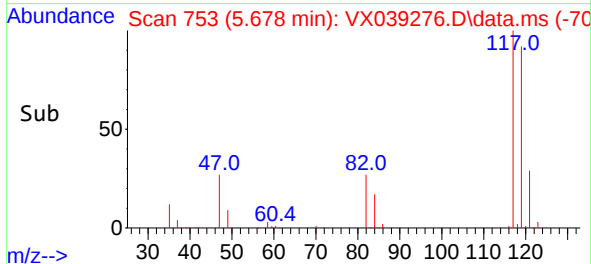
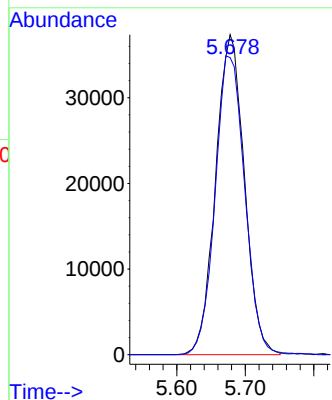


#31
Carbon tetrachloride
Concen: 56.523 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :

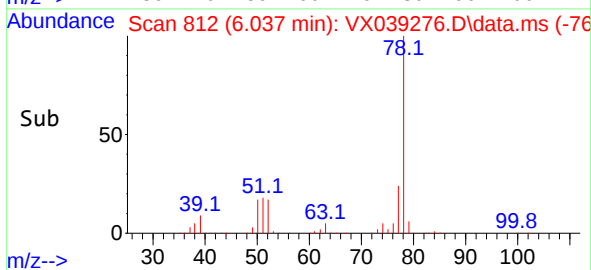
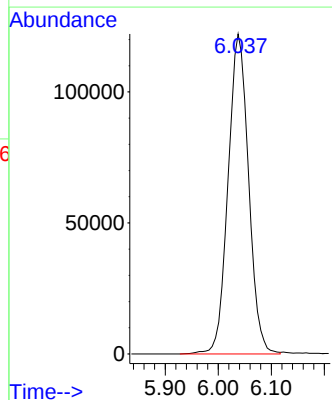
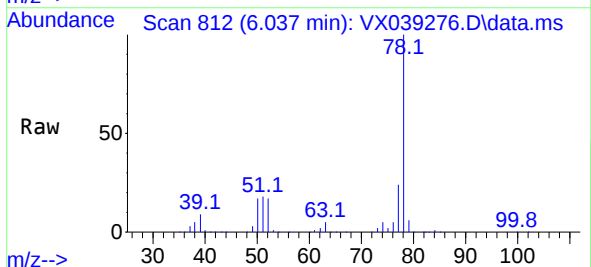


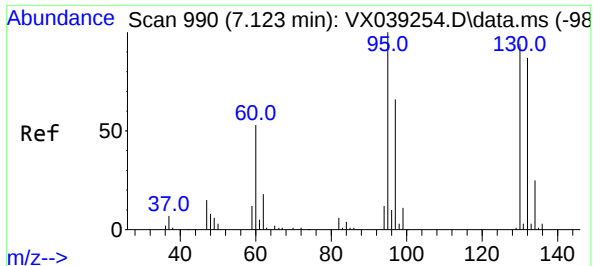
Tgt Ion:117 Resp: 108845
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.4



#33
Benzene
Concen: 54.195 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

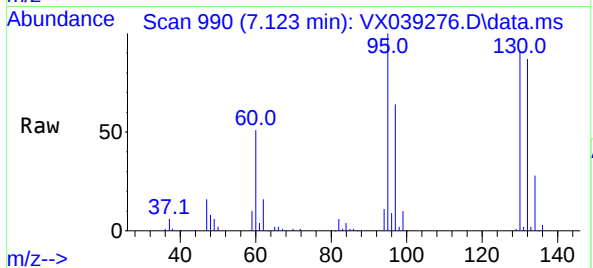
Tgt Ion: 78 Resp: 327630





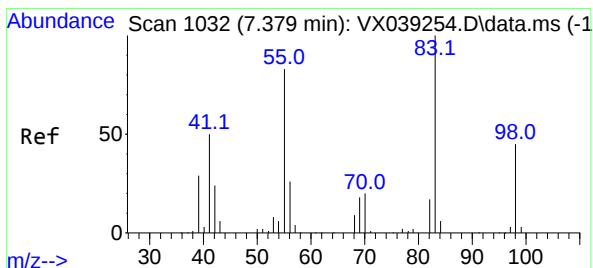
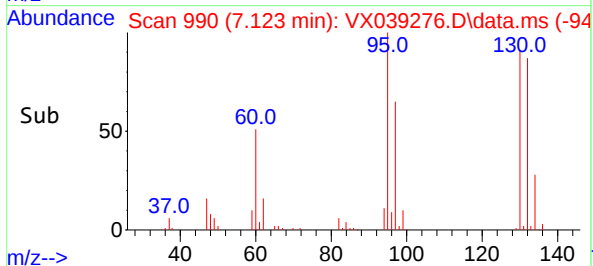
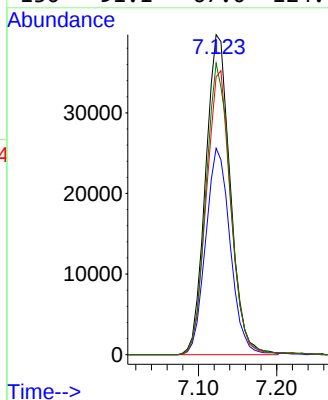
#34
Trichloroethene
Concen: 54.424 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 86950

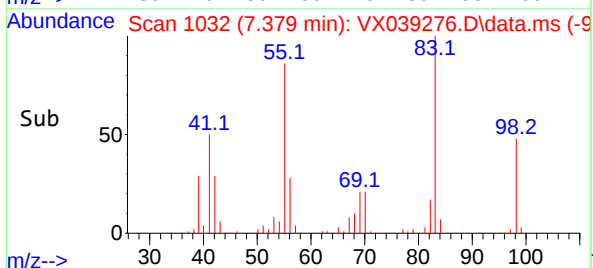
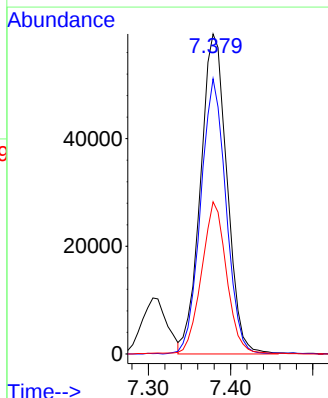
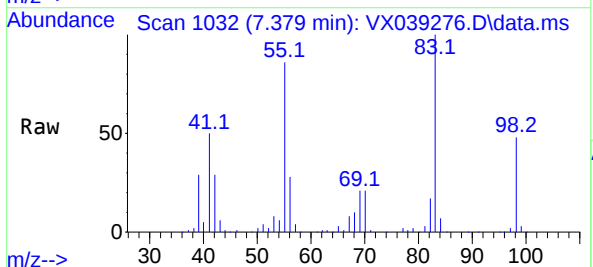
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.5	84.5
132	86.8	62.2	115.4
130	91.1	67.0	124.4

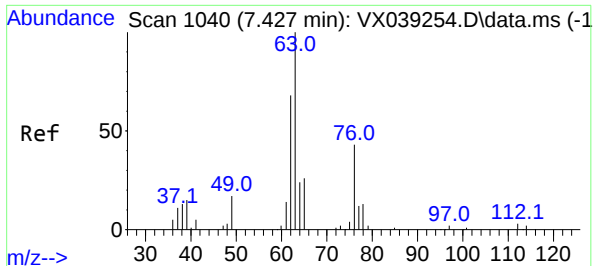


#35
Methylcyclohexane
Concen: 49.924 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion: 83 Resp: 132838

Ion	Ratio	Lower	Upper
83	100		
55	82.4	62.5	93.7
98	45.0	36.1	54.1

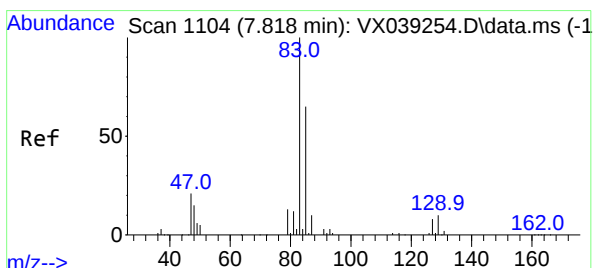
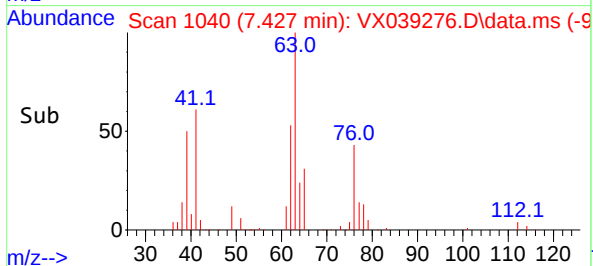
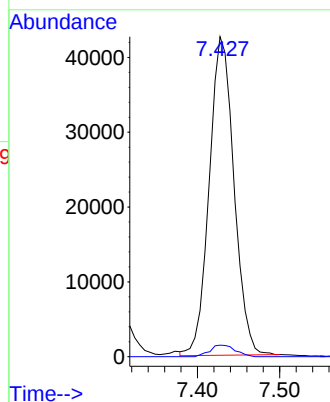
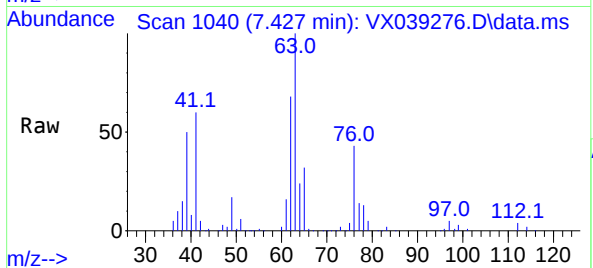




#37
1,2-Dichloropropane
Concen: 53.172 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

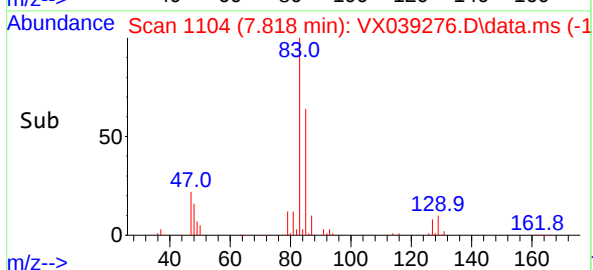
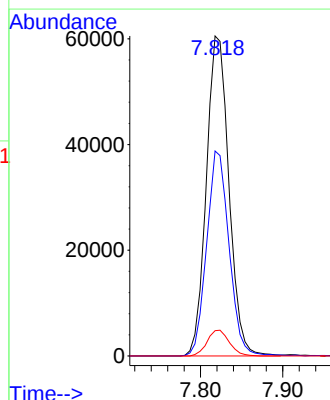
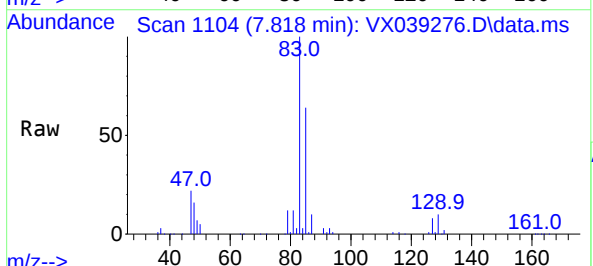
Instrument :
MSVOA_X
ClientSampleId :

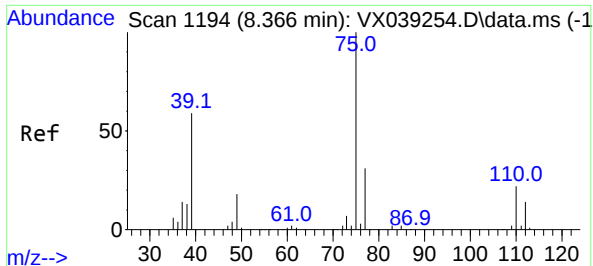
Tgt Ion: 63 Resp: 89149
Ion Ratio Lower Upper
63 100
112 3.7 2.8 4.2



#38
Bromodichloromethane
Concen: 56.679 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion: 83 Resp: 115583
Ion Ratio Lower Upper
83 100
85 64.1 43.3 80.5
127 7.9 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 50.531 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

Instrument :

MSVOA_X

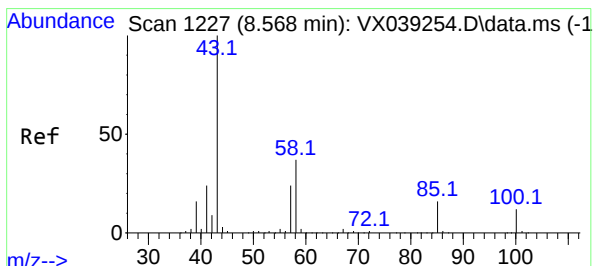
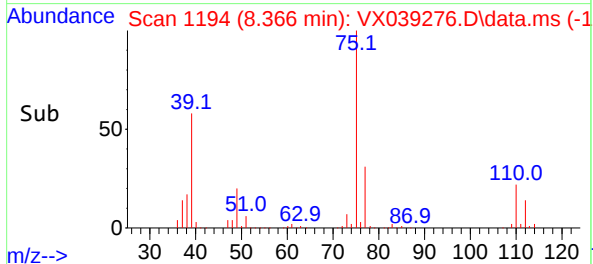
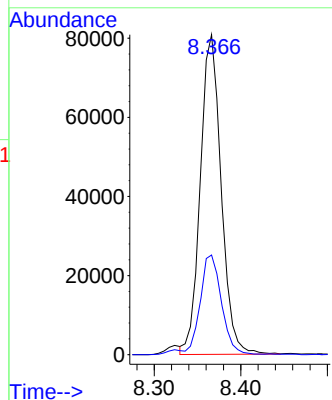
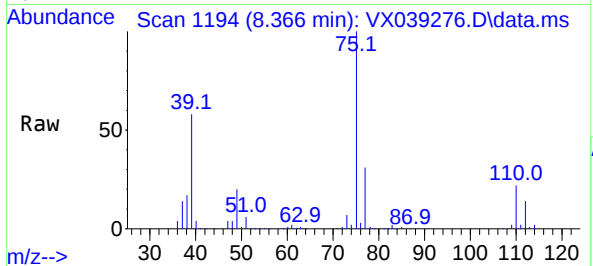
ClientSampleId :

Tgt Ion: 75 Resp: 135122

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 109.986 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

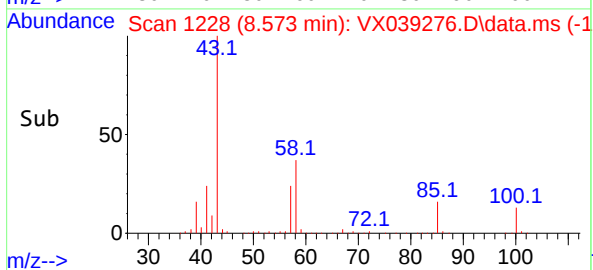
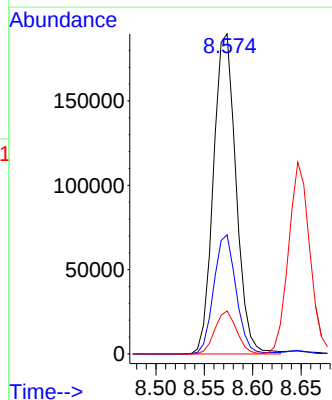
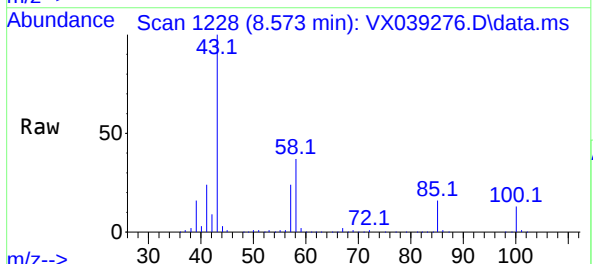
Tgt Ion: 43 Resp: 309055

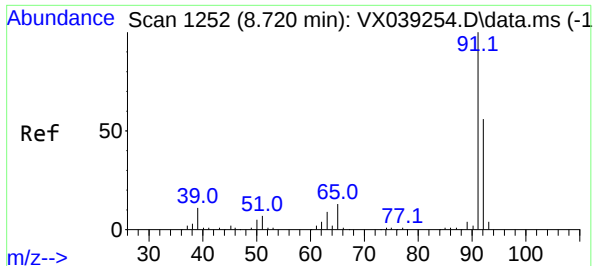
Ion Ratio Lower Upper

43 100

58 36.7 30.9 46.3

100 12.9 10.6 16.0





#42

Toluene

Concen: 54.224 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

Instrument :

MSVOA_X

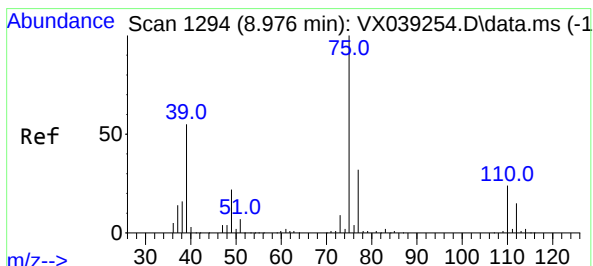
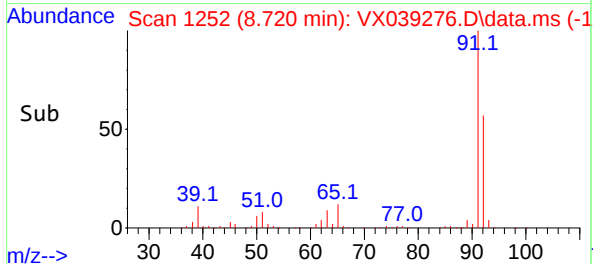
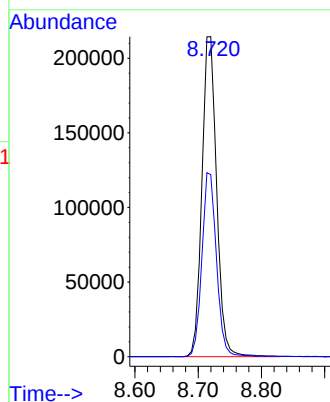
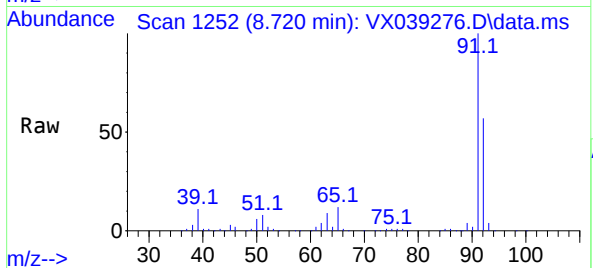
ClientSampleId :

Tgt Ion: 91 Resp: 347609

Ion Ratio Lower Upper

91 100

92 56.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 52.234 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX039276.D

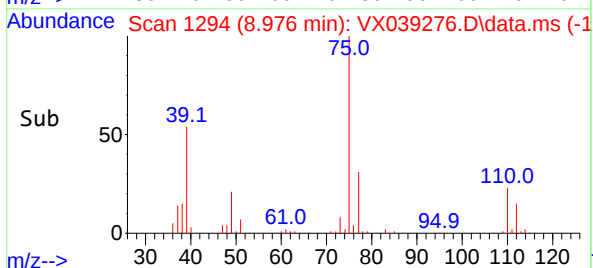
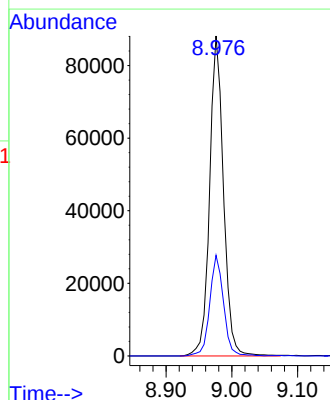
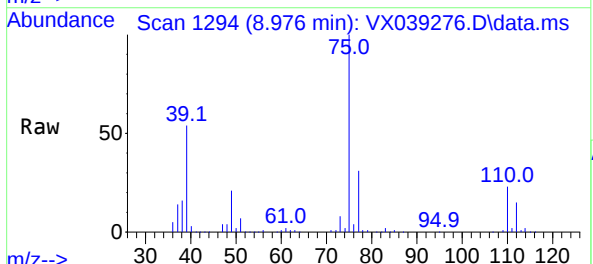
Acq: 16 Dec 2023 09:37

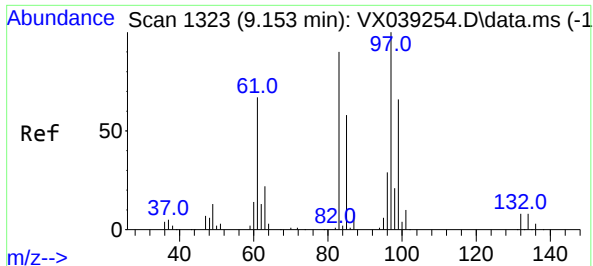
Tgt Ion: 75 Resp: 129619

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 55.108 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 84672

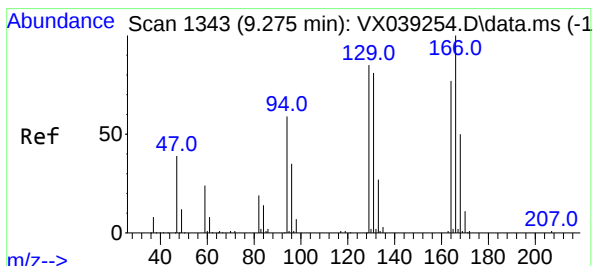
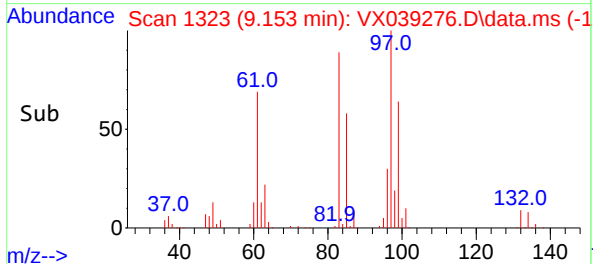
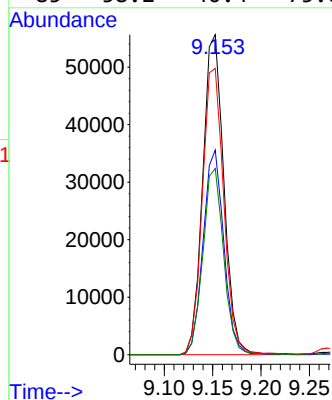
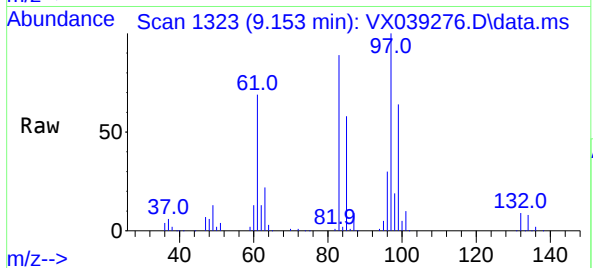
Ion Ratio Lower Upper

97 100

99 63.9 43.1 80.1

83 89.5 64.0 118.8

85 58.2 40.4 75.0



#46

Tetrachloroethene

Concen: 53.325 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

Tgt Ion:164 Resp: 56200

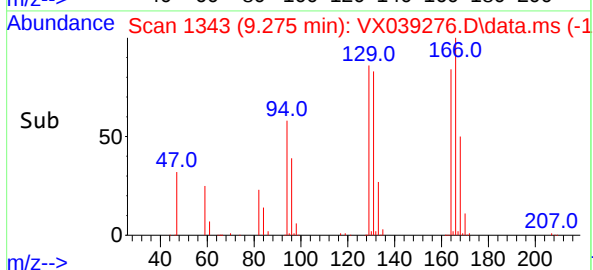
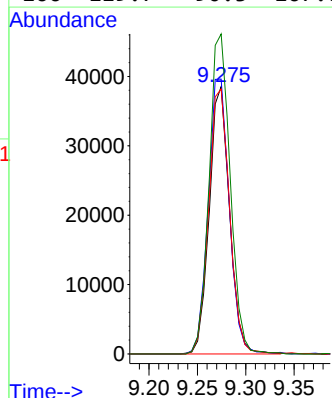
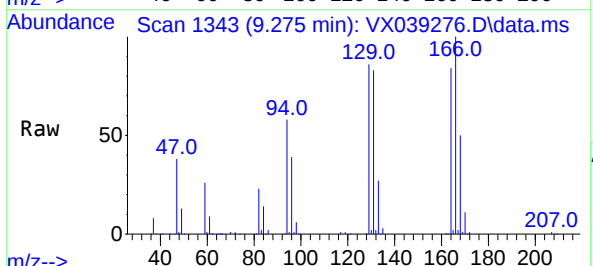
Ion Ratio Lower Upper

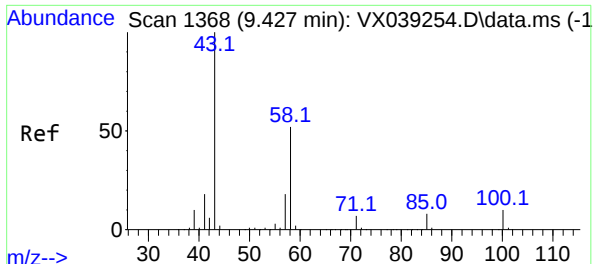
164 100

129 102.8 71.9 133.5

131 99.1 69.5 129.1

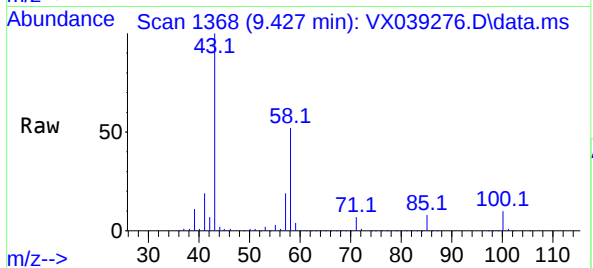
166 119.7 90.3 167.7





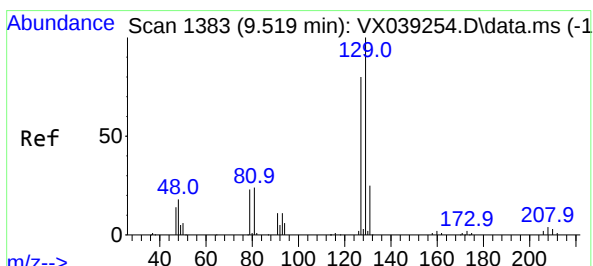
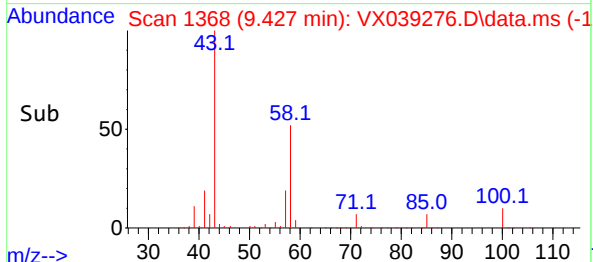
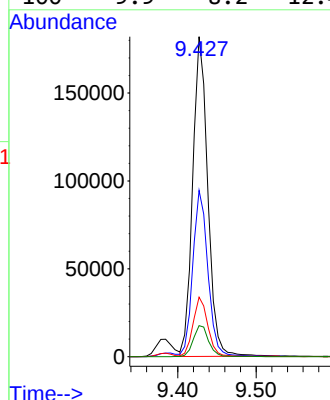
#48
2-Hexanone
Concen: 103.795 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 244107

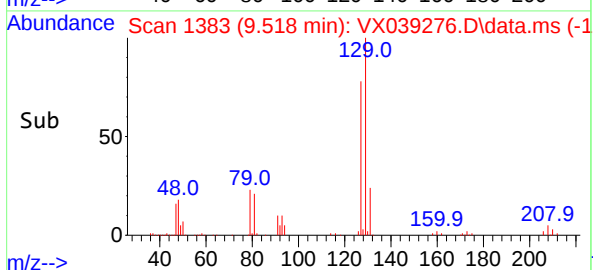
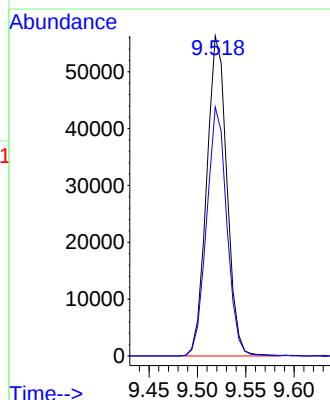
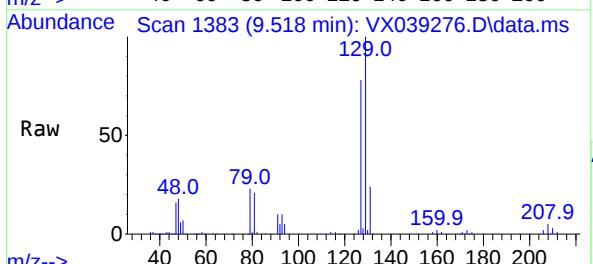
Ion	Ratio	Lower	Upper
43	100		
58	51.9	43.0	64.6
57	18.4	14.6	21.8
100	9.9	8.2	12.4

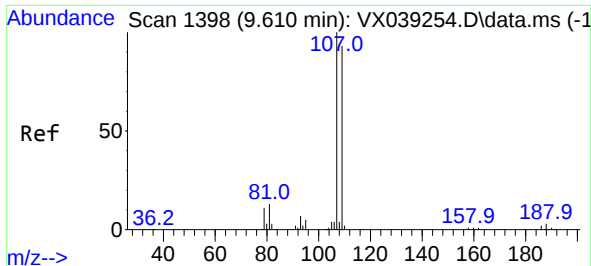


#49
Dibromochloromethane
Concen: 54.753 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion: 129 Resp: 81957

Ion	Ratio	Lower	Upper
129	100		
127	77.8	55.2	102.4



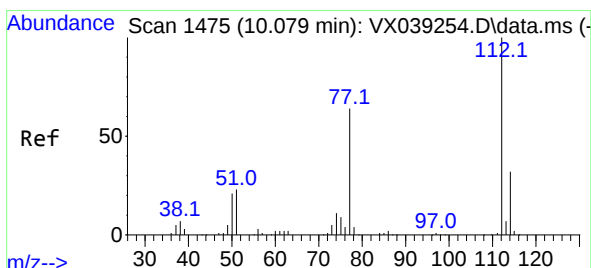
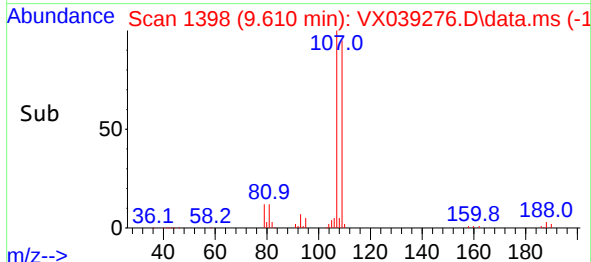
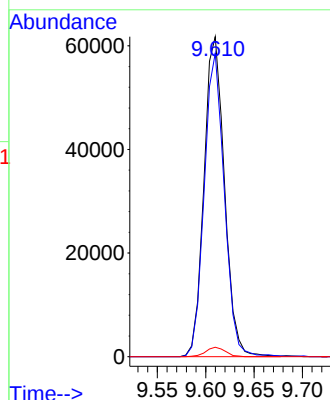
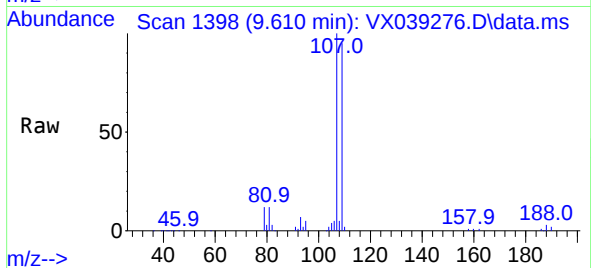


#50
1,2-Dibromoethane
Concen: 55.313 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:107 Resp: 91050

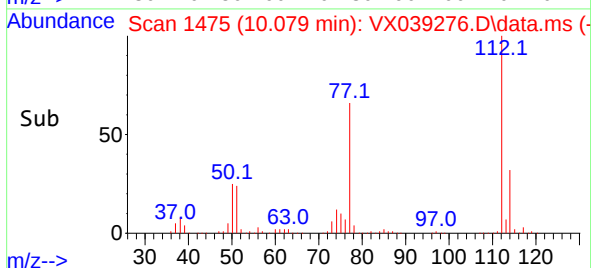
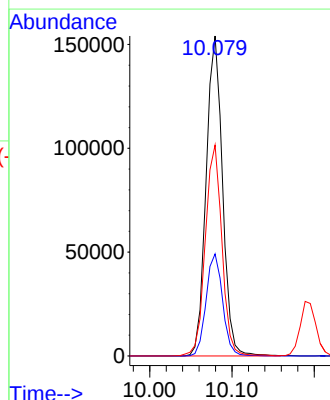
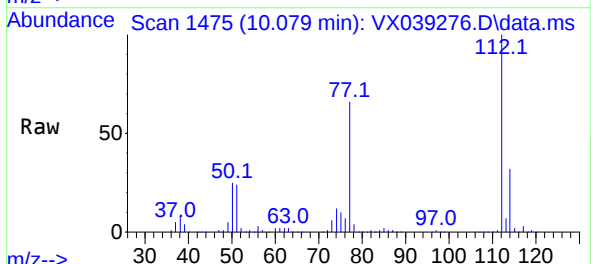
Ion	Ratio	Lower	Upper
107	100		
109	94.8	65.2	121.0
188	3.0	2.5	3.7

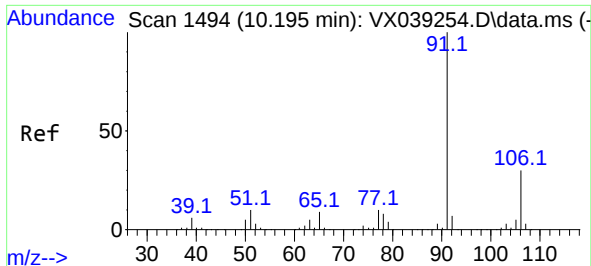


#51
Chlorobenzene
Concen: 53.944 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion:112 Resp: 213610

Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.8	40.4
77	65.9	49.0	73.6

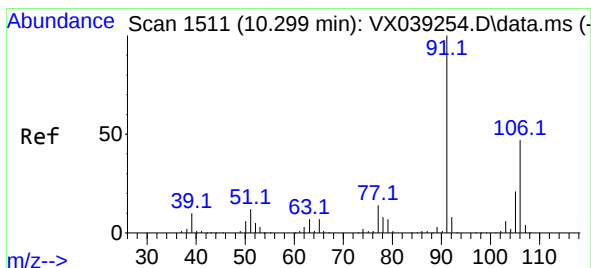
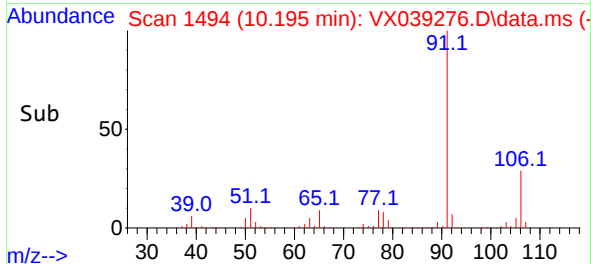
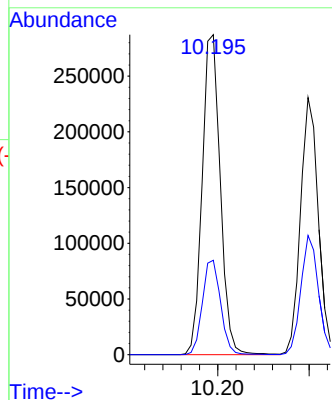
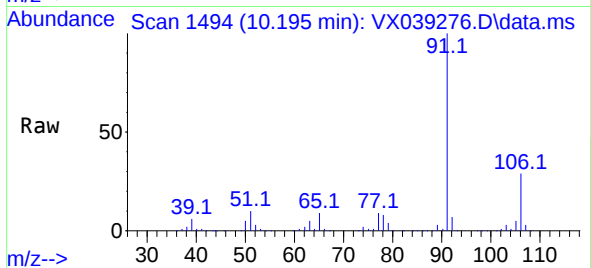




#52
Ethylbenzene
Concen: 55.009 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

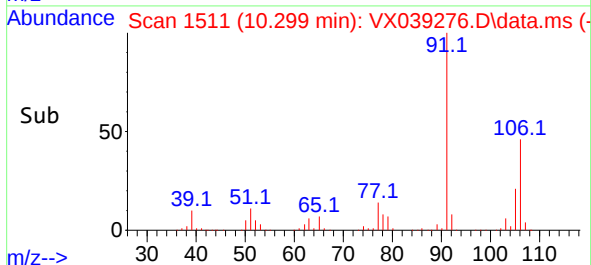
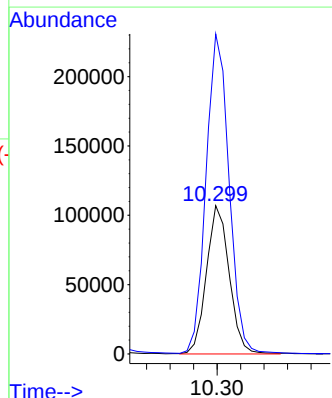
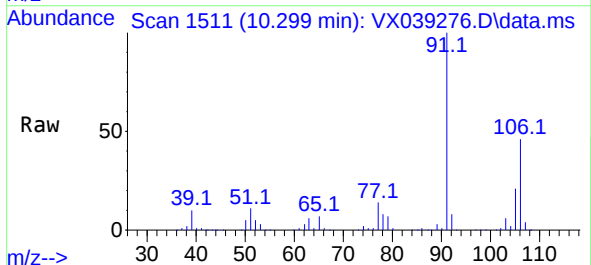
Instrument :
MSVOA_X
ClientSampleId :

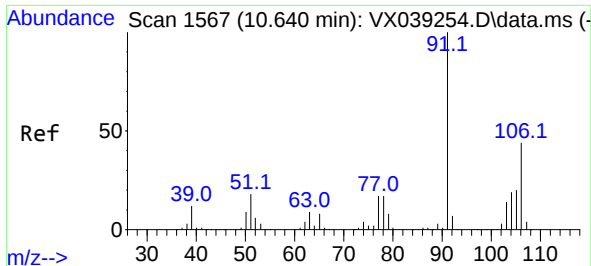
Tgt Ion: 91 Resp: 394240
Ion Ratio Lower Upper
91 100
106 29.5 21.2 39.4



#53
m,p-Xylene
Concen: 53.703 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion:106 Resp: 143901
Ion Ratio Lower Upper
106 100
91 215.8 149.0 276.8

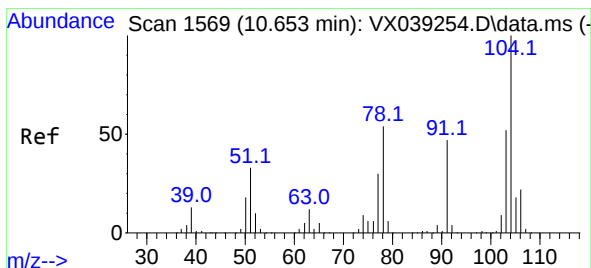
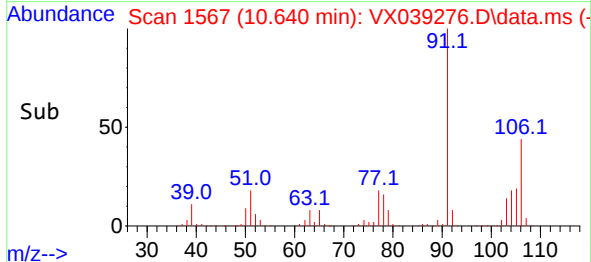
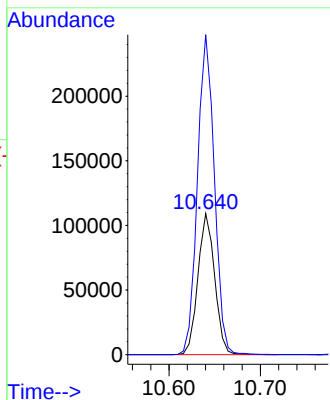
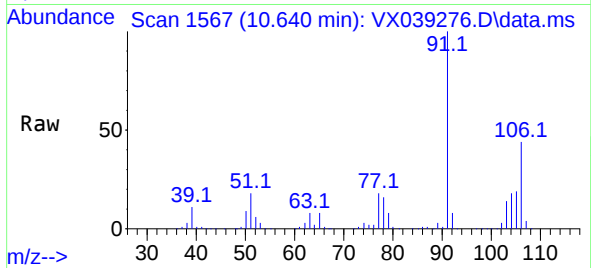




#54
o-Xylene
Concen: 54.052 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

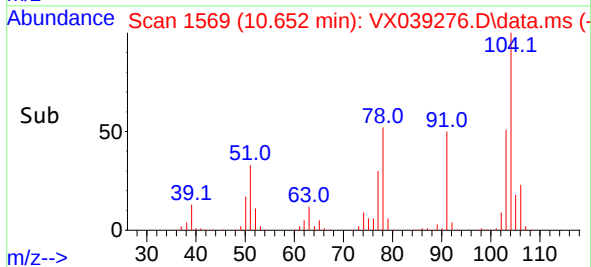
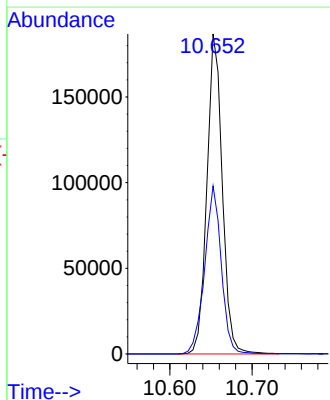
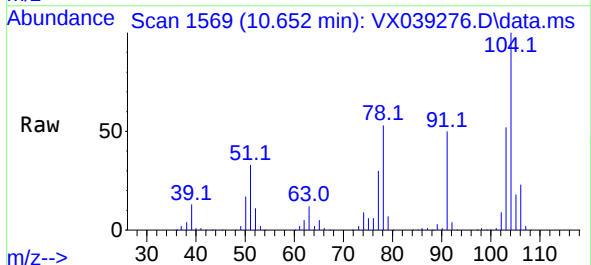
Instrument :
MSVOA_X
ClientSampleId :

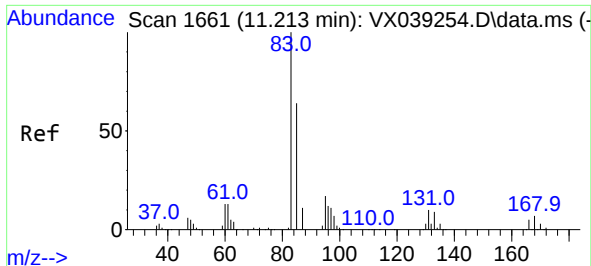
Tgt Ion:106 Resp: 138979
Ion Ratio Lower Upper
106 100
91 226.8 156.2 290.0



#55
Styrene
Concen: 55.188 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion:104 Resp: 242796
Ion Ratio Lower Upper
104 100
78 52.5 33.5 62.1

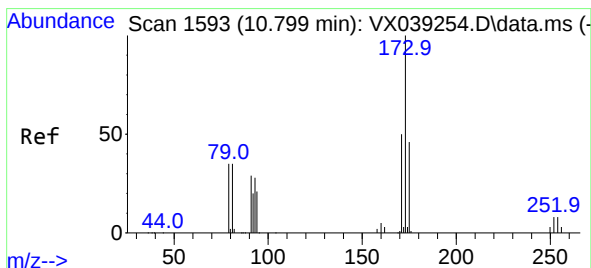
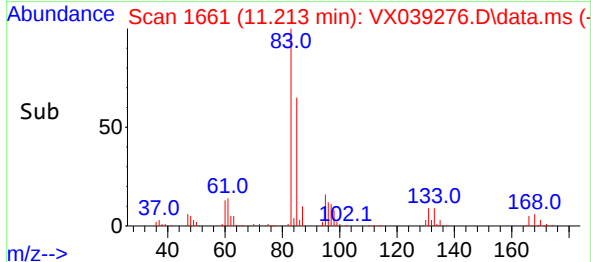
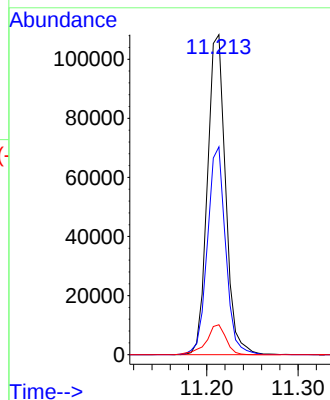
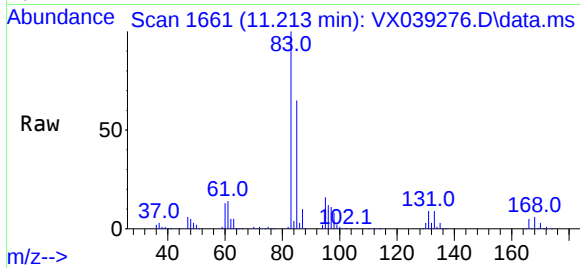




#57
1,1,2,2-Tetrachloroethane
Concen: 55.515 ug/L
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

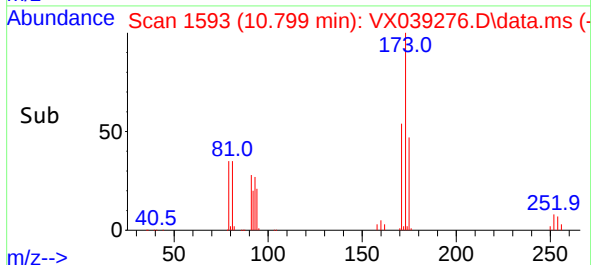
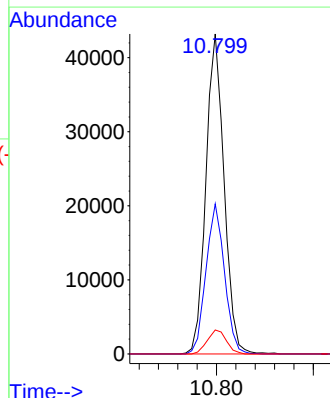
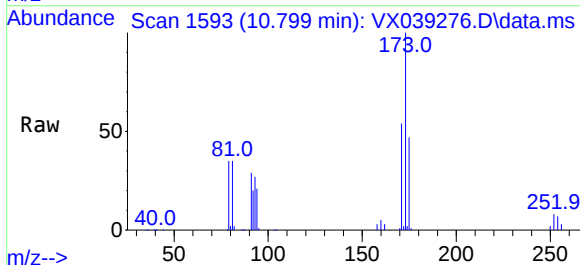
Instrument :
MSVOA_X
ClientSampleId :

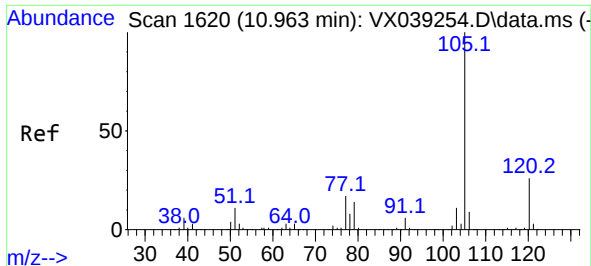
Tgt Ion: 83 Resp: 148861
Ion Ratio Lower Upper
83 100
85 65.0 45.2 84.0
131 9.3 7.2 10.8



#59
Bromoform
Concen: 49.875 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

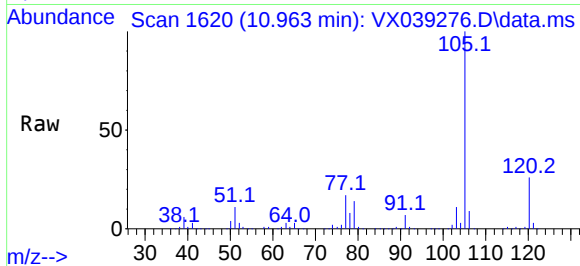
Tgt Ion:173 Resp: 56506
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 7.9 6.2 9.2



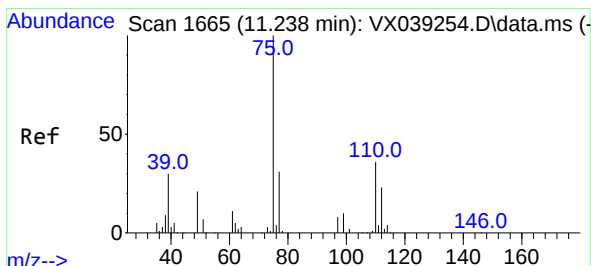
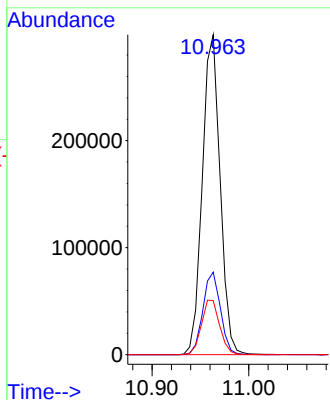
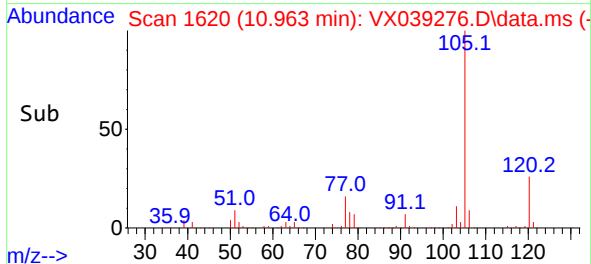


#60
Isopropylbenzene
Concen: 54.458 ug/L
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

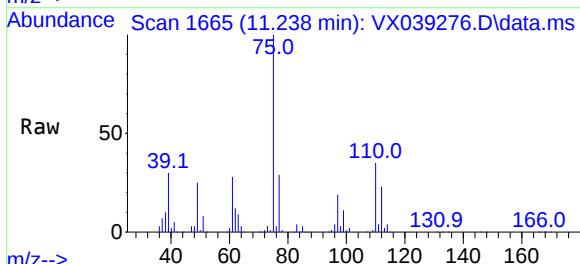
Instrument :
MSVOA_X
ClientSampleId :



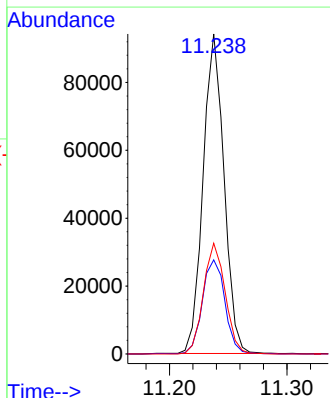
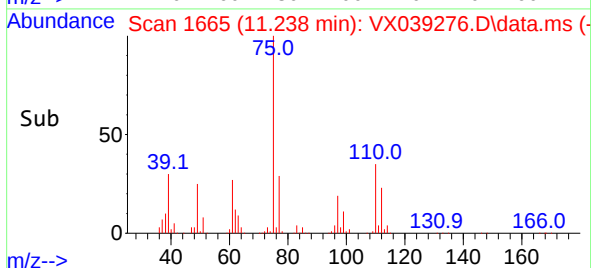
Tgt Ion:105 Resp: 383599
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 17.6 13.0 19.6

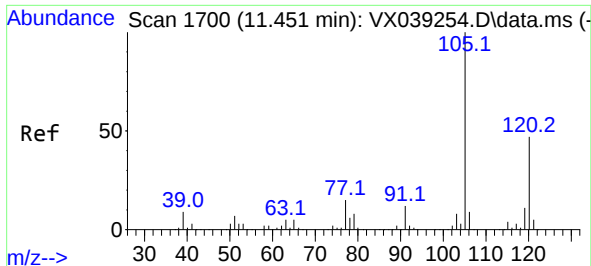


#61
1,2,3-Trichloropropane
Concen: 55.172 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37



Tgt Ion: 75 Resp: 116508
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
110 36.0 28.4 42.6

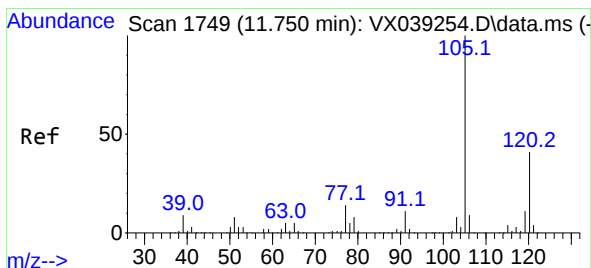
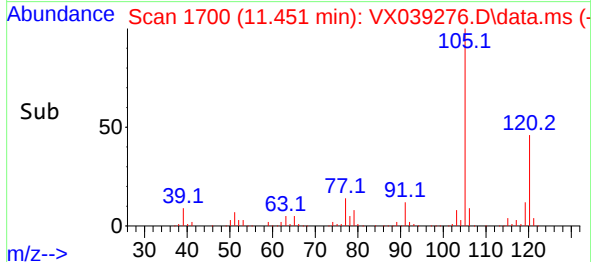
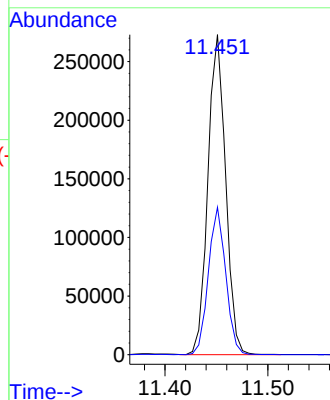
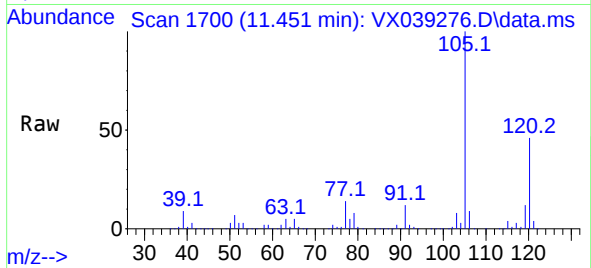




#62
1,3,5-Trimethylbenzene
Concen: 54.908 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

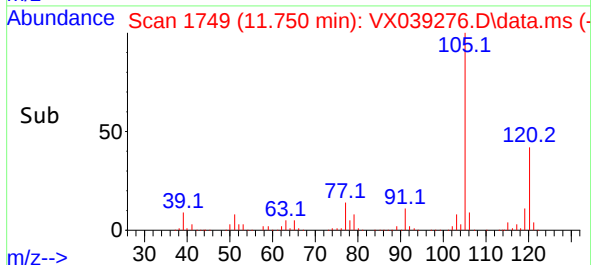
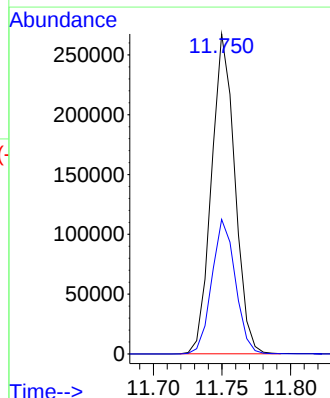
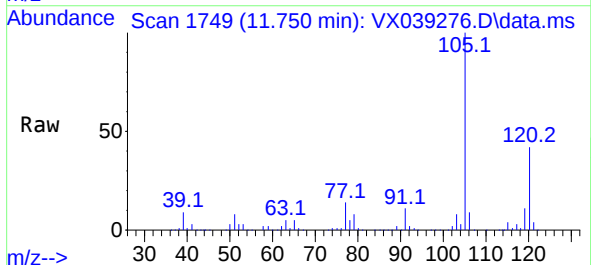
Instrument :
MSVOA_X
ClientSampleId :

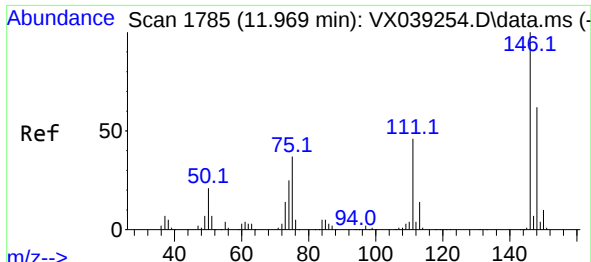
Tgt Ion:105 Resp: 326529
Ion Ratio Lower Upper
105 100
120 45.1 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 54.435 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion:105 Resp: 317422
Ion Ratio Lower Upper
105 100
120 42.4 34.9 52.3

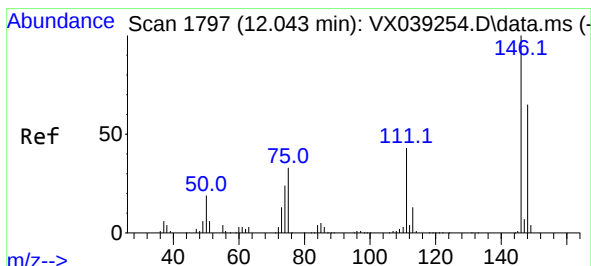
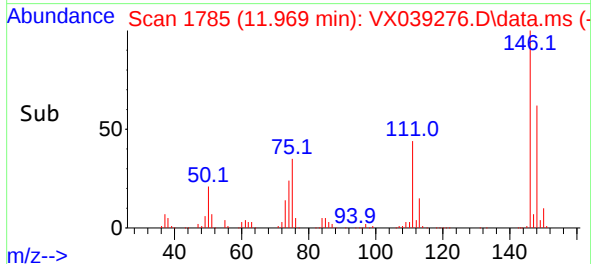
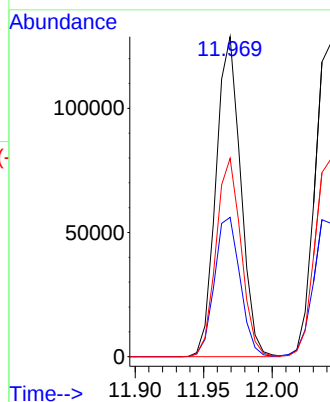
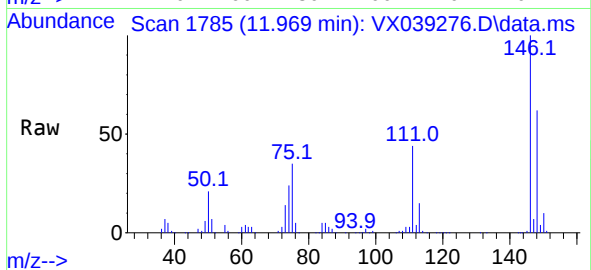




#64
1,3-Dichlorobenzene
Concen: 53.561 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

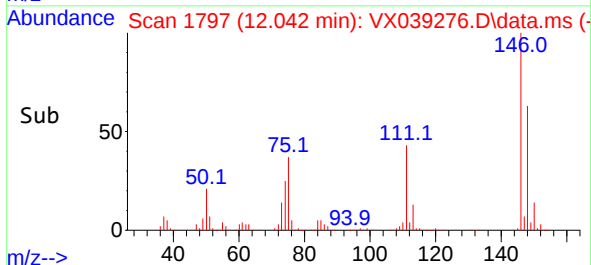
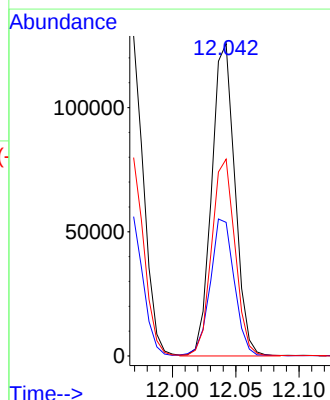
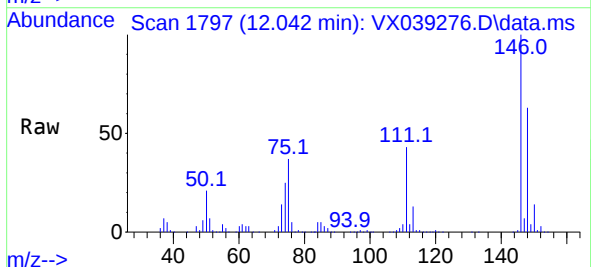
Instrument :
MSVOA_X
ClientSampleId :

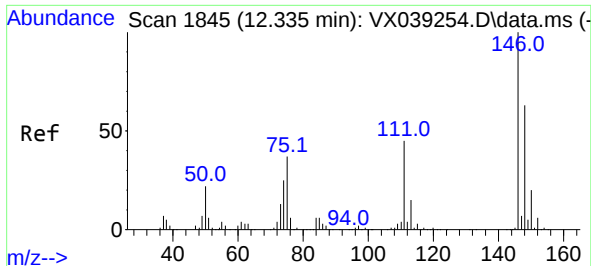
Tgt Ion:146 Resp: 161485
Ion Ratio Lower Upper
146 100
111 43.5 30.0 55.6
148 62.0 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 52.693 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion:146 Resp: 160984
Ion Ratio Lower Upper
146 100
111 42.8 29.7 55.1
148 63.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 53.878 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

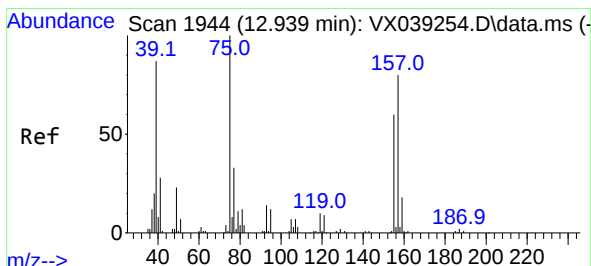
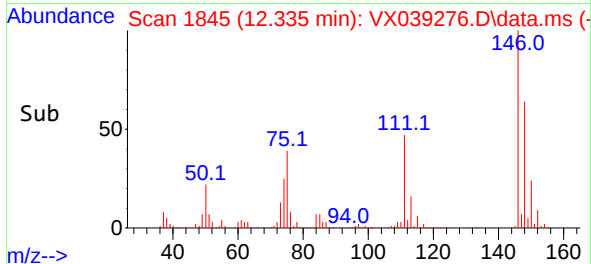
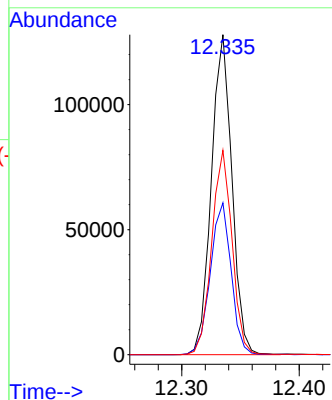
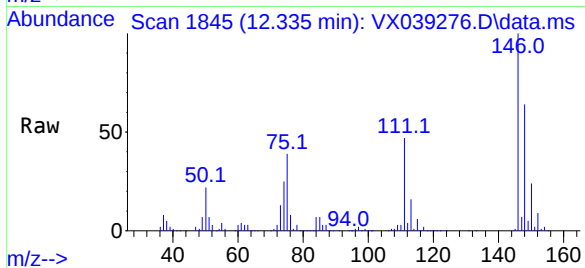
Tgt Ion:146 Resp: 155387

Ion Ratio Lower Upper

146 100

111 47.4 36.4 54.6

148 63.8 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 54.666 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

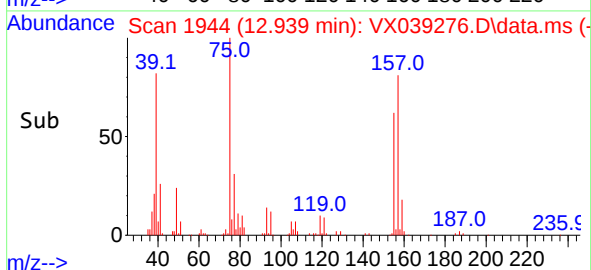
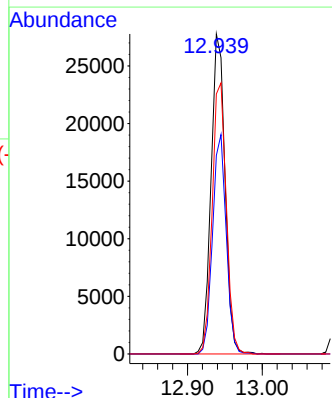
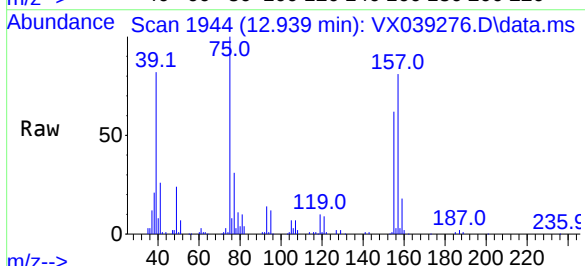
Tgt Ion: 75 Resp: 36028

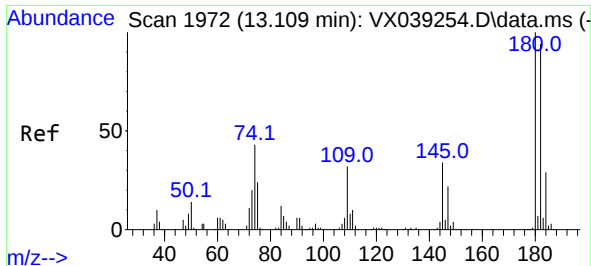
Ion Ratio Lower Upper

75 100

155 62.1 52.3 78.5

157 81.2 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 51.027 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

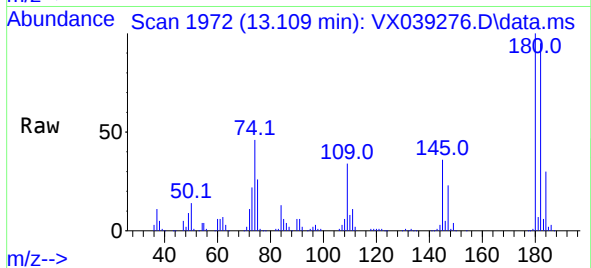
Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 101741

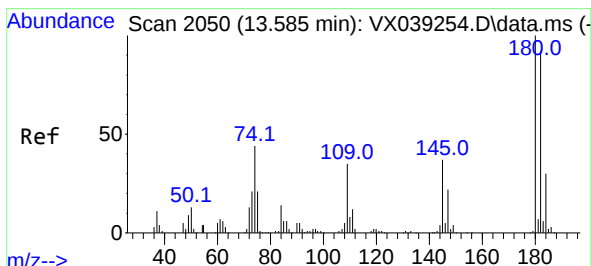
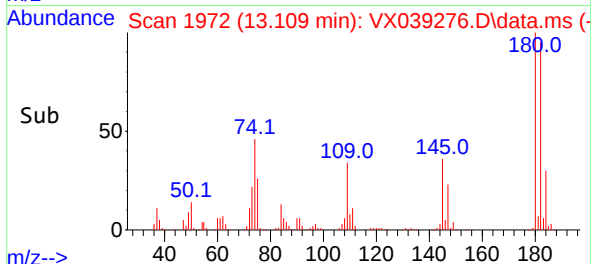
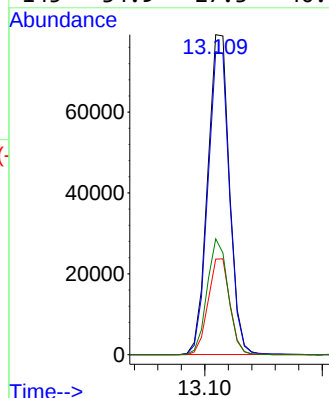
Ion Ratio Lower Upper

180 100

182 94.4 76.1 114.1

184 29.9 24.1 36.1

145 34.9 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 51.357 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039276.D

Acq: 16 Dec 2023 09:37

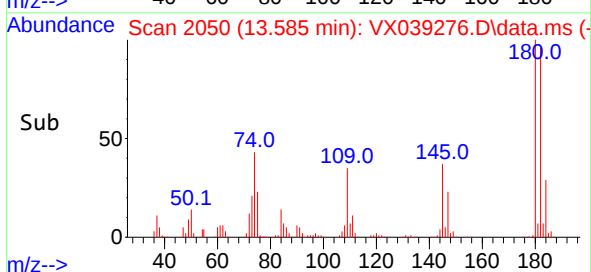
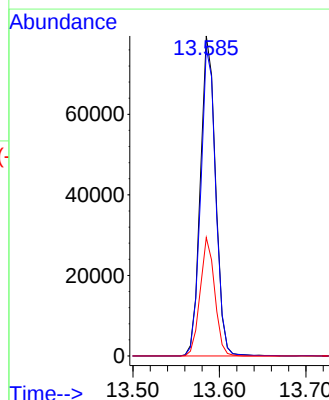
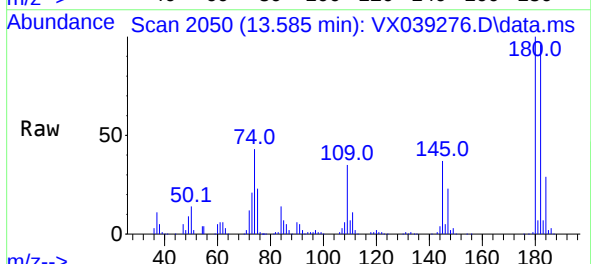
Tgt Ion:180 Resp: 96533

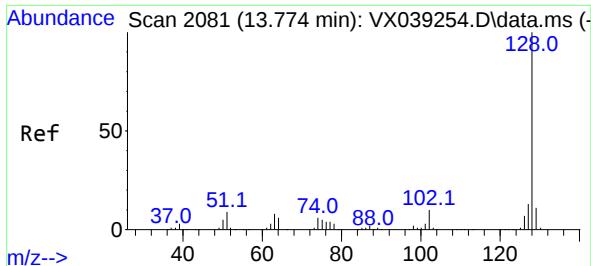
Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

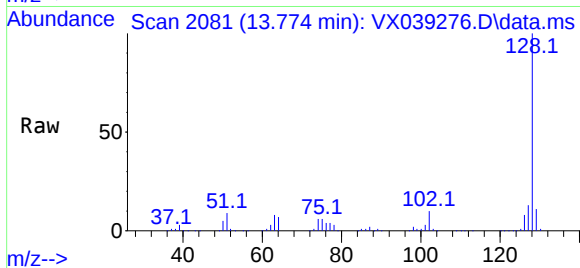
145 35.5 27.8 41.6



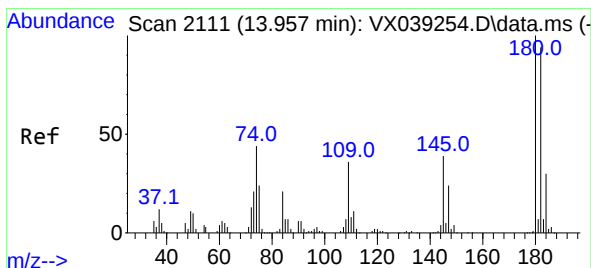
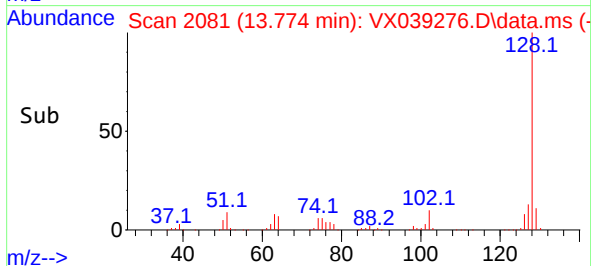
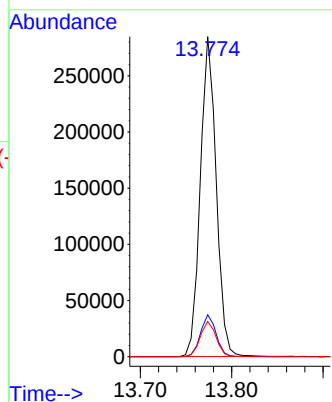


#71
Naphthalene
Concen: 53.259 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 343328
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.315 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039276.D
Acq: 16 Dec 2023 09:37

Tgt Ion:180 Resp: 95215
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 36.7 28.6 42.8

