

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039275.D
 Acq On : 16 Dec 2023 09:14
 Operator : JC/MD
 Sample : 05845-14MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:17:00 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	196890	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	184141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	92828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74753	48.406	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.820%
7) Chloroethane-d5	1.666	69	55586	48.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.307	65	36801	54.288	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.580%
21) 2-Butanone-d5	4.446	46	138273	98.915	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.920%
24) Chloroform-d	5.056	84	152494	55.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.560%
26) 1,2-Dichloroethane-d4	5.952	65	100270	56.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.260%
32) Benzene-d6	5.977	84	296158	52.113	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.220%
36) 1,2-Dichloropropane-d6	7.306	67	94875	51.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.760%
41) Toluene-d8	8.647	98	267376	51.917	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.840%
43) trans-1,3-Dichloroprop...	8.952	79	44885	48.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.460%
47) 2-Hexanone-d5	9.385	63	102814	94.123	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.120%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	135333	52.162	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.320%
66) 1,2-Dichlorobenzene-d4	12.317	152	91060	51.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	84685	53.934	ug/L	98
3) Chloromethane	1.295	50	82822	50.466	ug/L	99
5) Vinyl chloride	1.374	62	78771	48.700	ug/L	100
6) Bromomethane	1.605	94	44424	50.883	ug/L	96
8) Chloroethane	1.691	64	45237	49.470	ug/L	97
9) Trichlorofluoromethane	1.886	101	111701	53.285	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	71308	52.882	ug/L	97
12) 1,1-Dichloroethene	2.319	96	66933	52.770	ug/L	92
13) Acetone	2.374	43	450554	335.504	ug/L	96
14) Carbon disulfide	2.514	76	193932	48.048	ug/L	100
15) Methyl Acetate	2.703	43	74378	38.749	ug/L	99
16) Methylene chloride	2.788	84	77142	52.935	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	69637	52.107	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	248980	53.523	ug/L	98
19) 1,1-Dichloroethane	3.611	63	139549	52.810	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	80145	51.703	ug/L	97
22) 2-Butanone	4.550	43	210939	127.989	ug/L	97
23) Bromochloromethane	4.898	128	37272	51.151	ug/L	96
25) Chloroform	5.093	83	143319	54.376	ug/L	99

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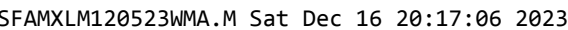
Instrument :
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 ClientSampleId :

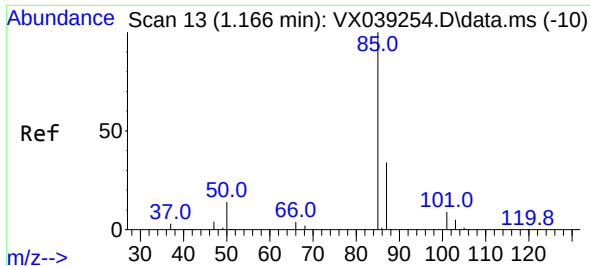
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	120187	57.775	ug/L	95
29) Cyclohexane	5.471	56	130358	50.607	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	118331	52.963	ug/L	97
31) Carbon tetrachloride	5.678	117	97634	52.377	ug/L	99
33) Benzene	6.038	78	301265	51.482	ug/L	100
34) Trichloroethene	7.123	95	80580	52.105	ug/L	94
35) Methylcyclohexane	7.379	83	121662	47.236	ug/L	96
37) 1,2-Dichloropropane	7.428	63	82928	51.097	ug/L	100
38) Bromodichloromethane	7.818	83	103803	52.586	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	122138	47.186	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	277488	102.018	ug/L	98
42) Toluene	8.714	91	313718	50.555	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	116250	48.396	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	76685	51.560	ug/L	97
46) Tetrachloroethene	9.275	164	50851	49.845	ug/L	97
48) 2-Hexanone	9.427	43	217183	95.400	ug/L	98
49) Dibromochloromethane	9.519	129	74197	51.208	ug/L	99
50) 1,2-Dibromoethane	9.610	107	82420	51.726	ug/L	99
51) Chlorobenzene	10.080	112	196364	51.229	ug/L	98
52) Ethylbenzene	10.195	91	358515	51.679	ug/L	100
53) m,p-Xylene	10.299	106	130057	50.141	ug/L	96
54) o-Xylene	10.640	106	125682	50.497	ug/L	93
55) Styrene	10.653	104	220450	51.766	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	135195	52.086	ug/L	98
59) Bromoform	10.799	173	51111	46.849	ug/L	98
60) Isopropylbenzene	10.964	105	346631	51.103	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	103958	51.123	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	291564	50.914	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	289950	51.637	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	145550	50.133	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	146323	49.736	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	142710	51.386	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	32116	50.605	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	92871	48.370	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	87942	48.586	ug/L	99
71) Naphthalene	13.774	128	309207	49.811	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	87760	50.074	ug/L	99

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

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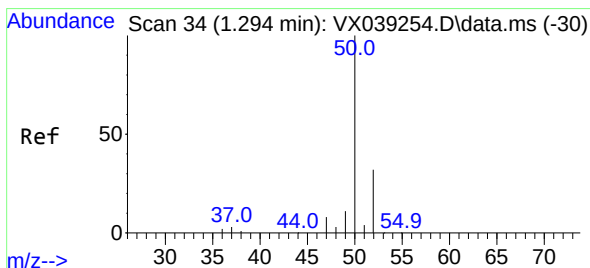
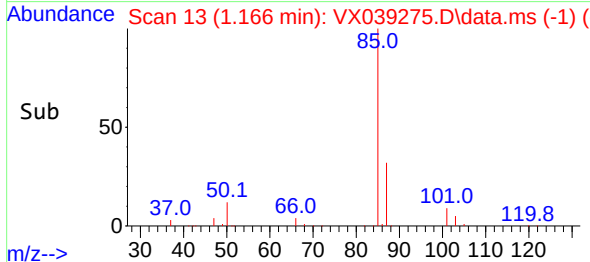
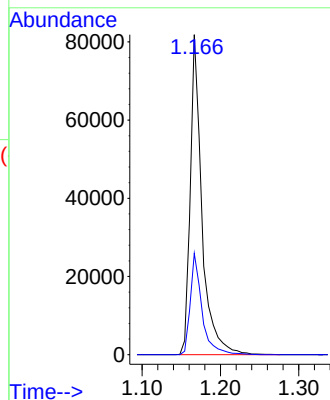
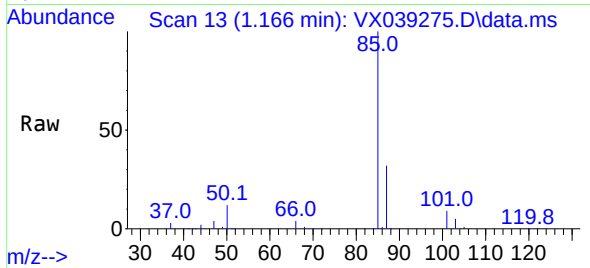




#2
 Dichlorodifluoromethane
 Concen: 53.934 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039275.D
 Acq: 16 Dec 2023 09:14

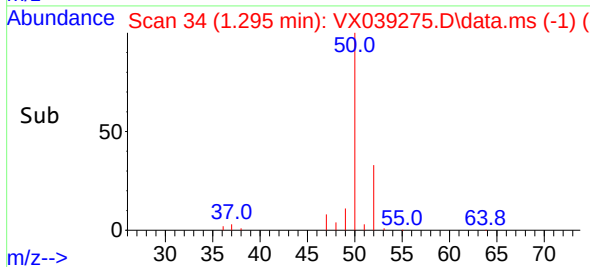
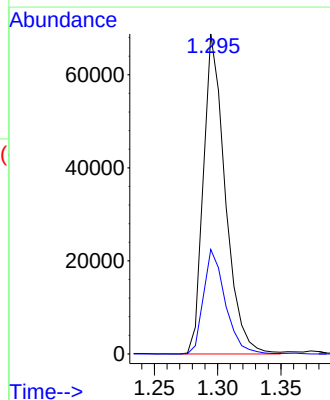
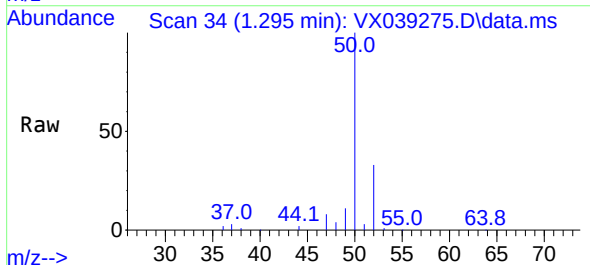
Instrument :
 MSVOA_X
 ClientSampleId :

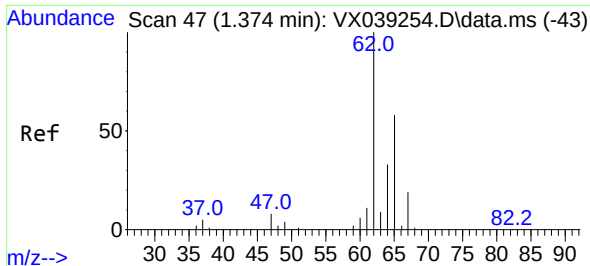
Tgt Ion: 85 Resp: 84685
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 50.466 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039275.D
 Acq: 16 Dec 2023 09:14

Tgt Ion: 50 Resp: 82822
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.4 41.6

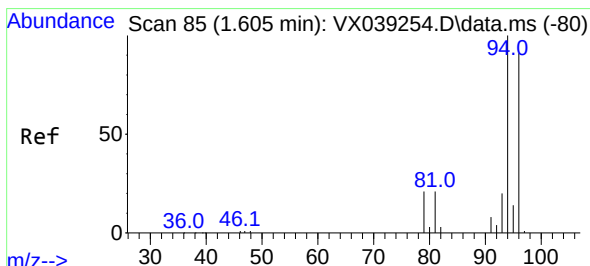
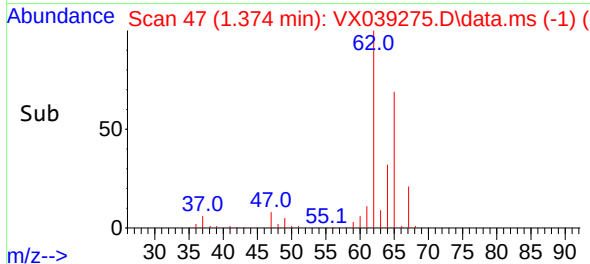
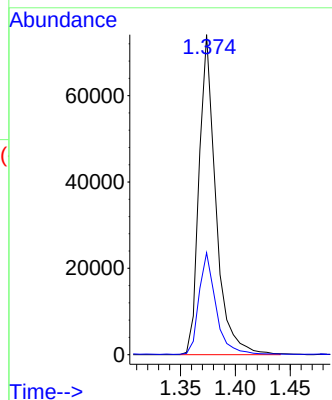
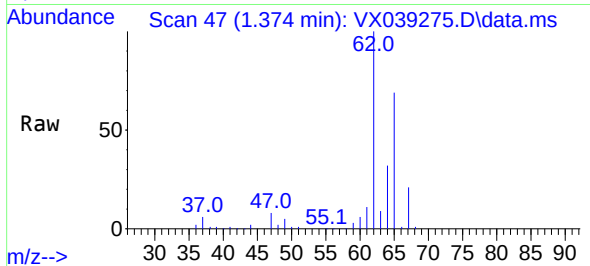




#5
 Vinyl chloride
 Concen: 48.700 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039275.D
 Acq: 16 Dec 2023 09:14

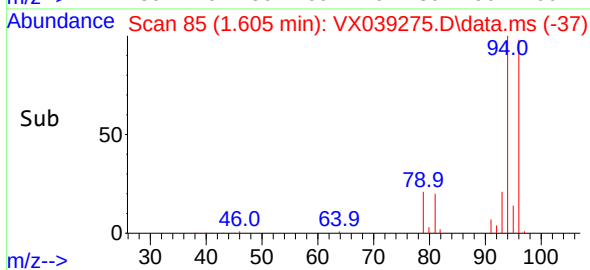
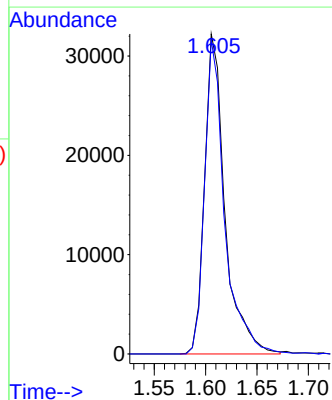
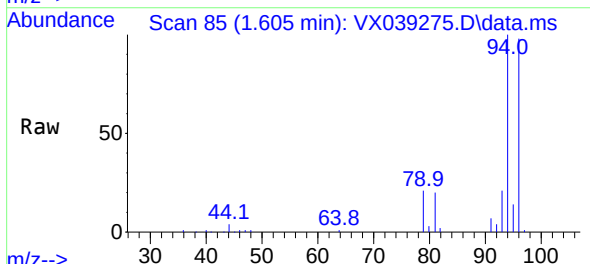
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 62 Resp: 78771
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.3 41.3

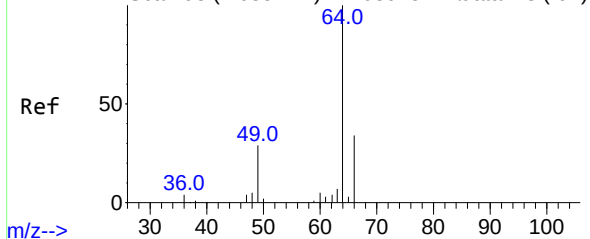


#6
 Bromomethane
 Concen: 50.883 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX039275.D
 Acq: 16 Dec 2023 09:14

Tgt Ion: 94 Resp: 44424
 Ion Ratio Lower Upper
 94 100
 96 98.2 65.8 122.2



Abundance Scan 98 (1.685 min): VX039254.D\data.ms (-94)



#8

Chloroethane

Concen: 49.470 ug/L

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

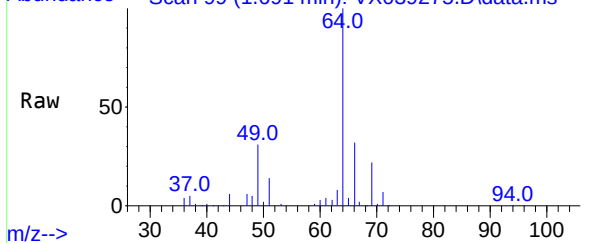
Tgt Ion: 64 Resp: 45237

Ion Ratio Lower Upper

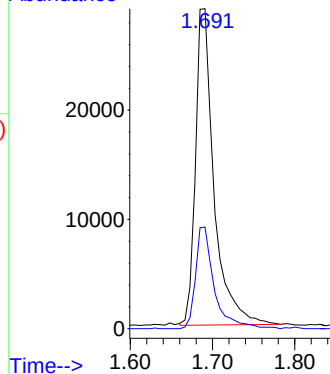
64 100

66 31.8 23.4 43.6

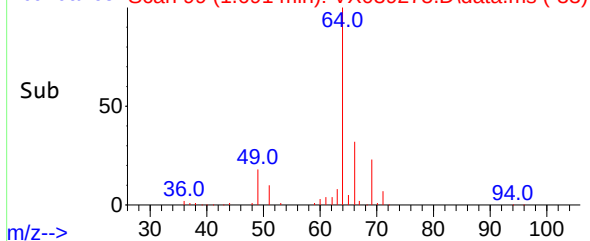
Abundance Scan 99 (1.691 min): VX039275.D\data.ms



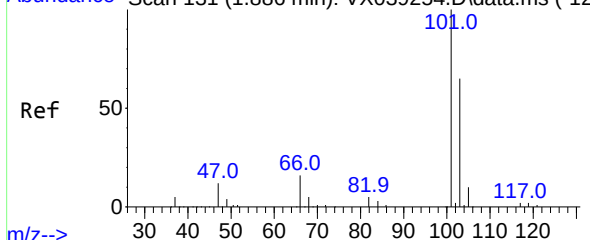
Abundance



Abundance Scan 99 (1.691 min): VX039275.D\data.ms (-33)



Abundance Scan 131 (1.886 min): VX039254.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 53.285 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.006 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

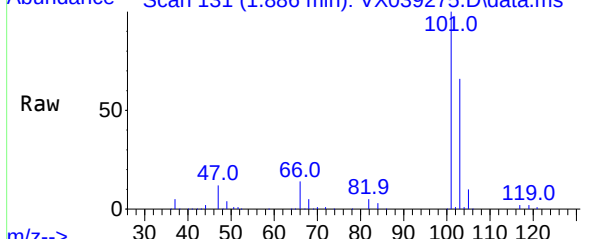
Tgt Ion:101 Resp: 111701

Ion Ratio Lower Upper

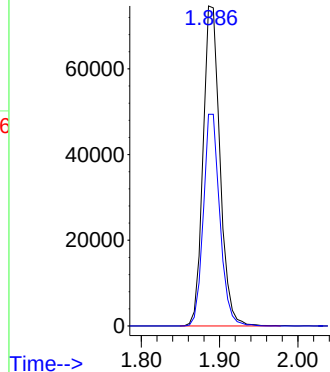
101 100

103 64.5 51.4 77.2

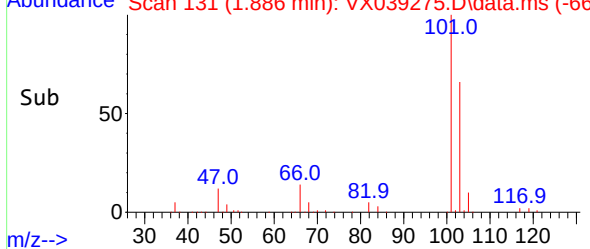
Abundance Scan 131 (1.886 min): VX039275.D\data.ms

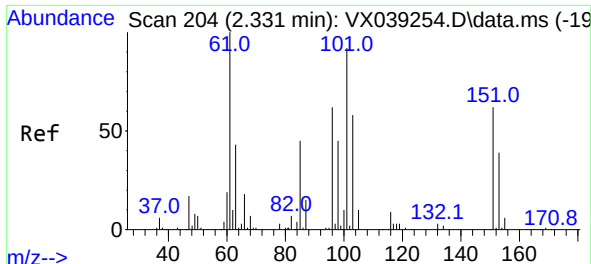


Abundance



Abundance Scan 131 (1.886 min): VX039275.D\data.ms (-66)

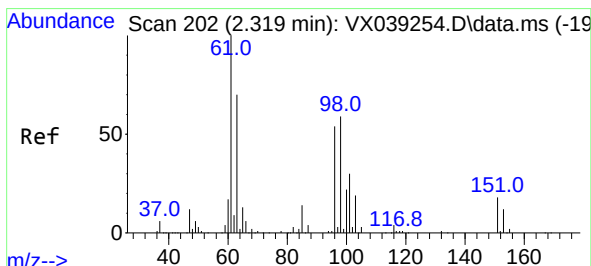
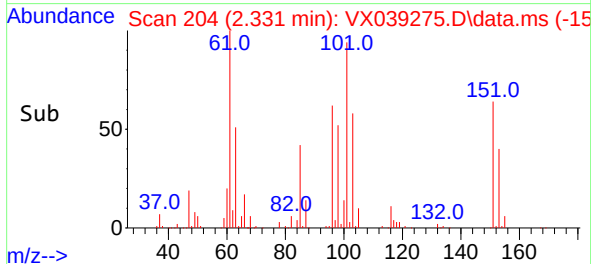
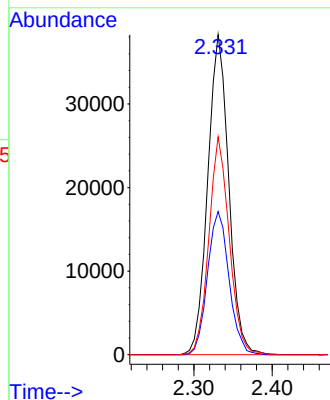
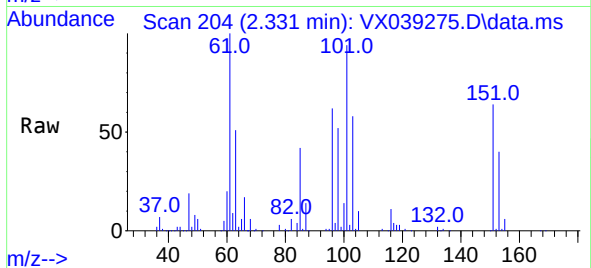




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.882 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

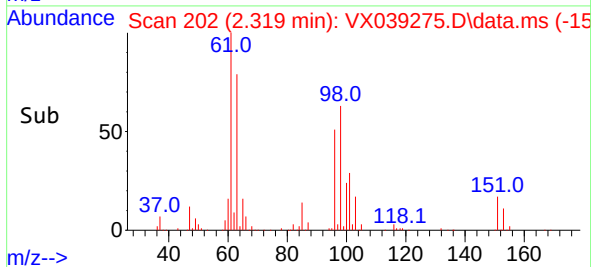
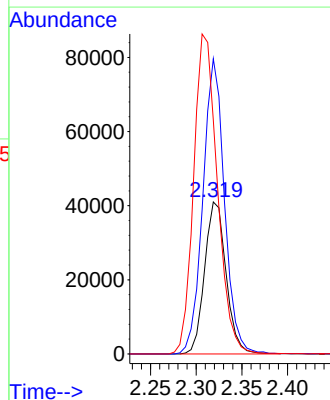
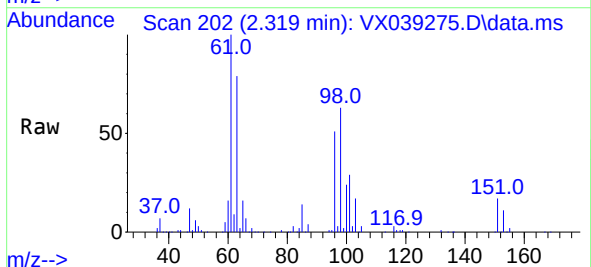
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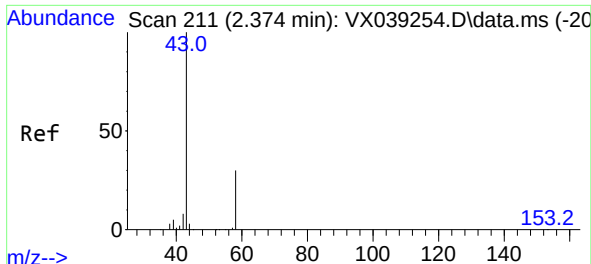
Tgt Ion:101 Resp: 71308
Ion Ratio Lower Upper
101 100
85 45.8 35.8 53.6
151 66.2 55.4 83.2



#12
1,1-Dichloroethene
Concen: 52.770 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion: 96 Resp: 66933
Ion Ratio Lower Upper
96 100
61 194.3 128.0 237.6
63 153.9 101.5 188.5

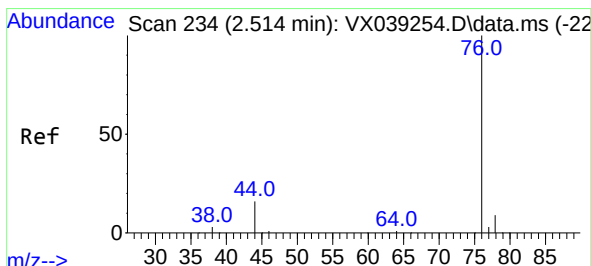
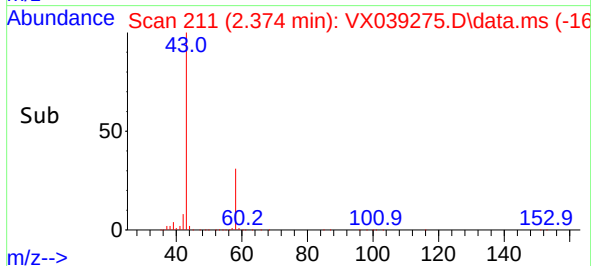
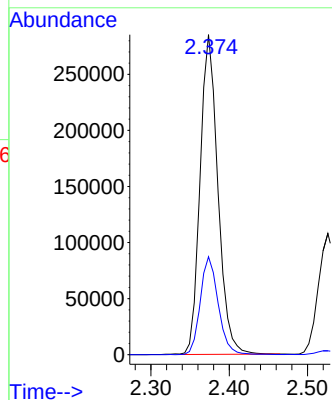
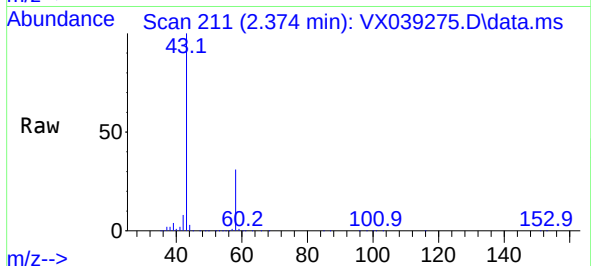




#13
Acetone
Concen: 335.504 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

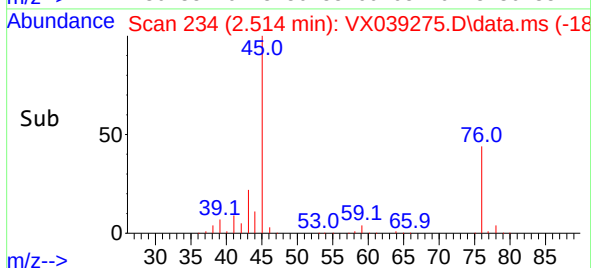
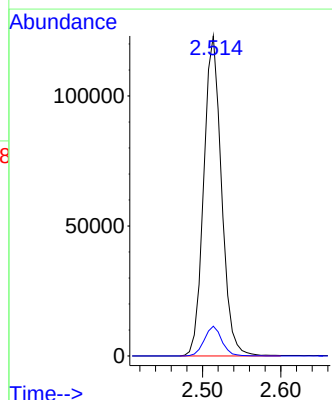
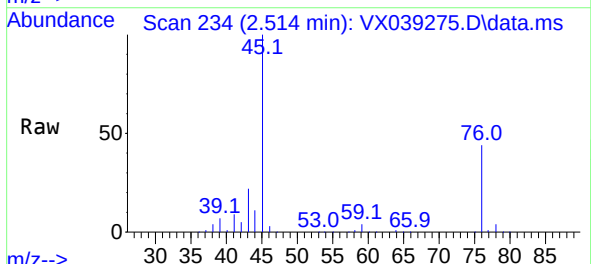
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ClientSampleId :

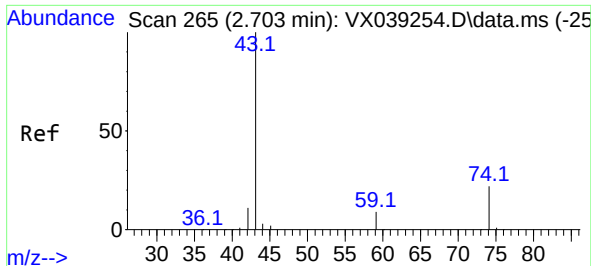
Tgt Ion: 43 Resp: 450554
Ion Ratio Lower Upper
43 100
58 30.6 0.0 65.8



#14
Carbon disulfide
Concen: 48.048 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion: 76 Resp: 193932
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

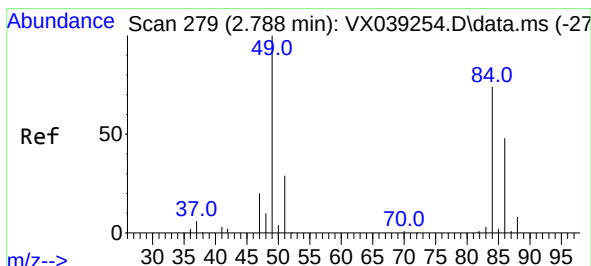
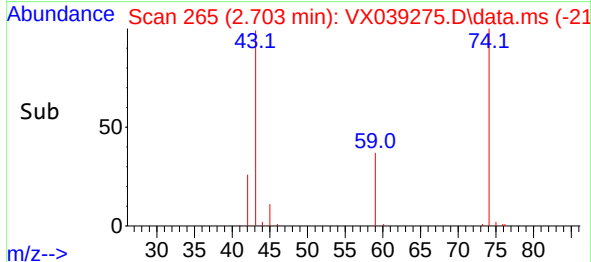
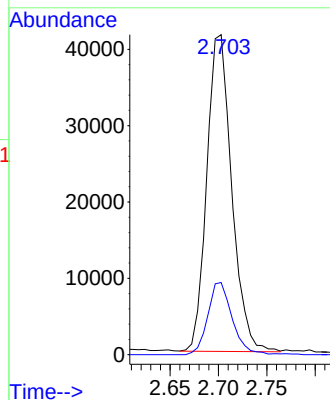
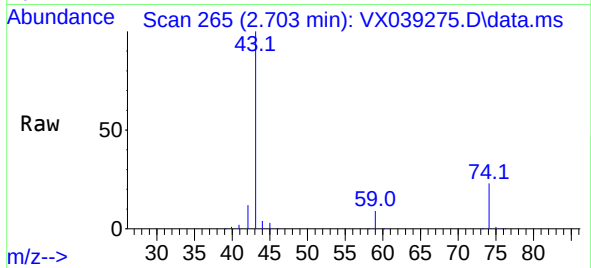




#15
Methyl Acetate
Concen: 38.749 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

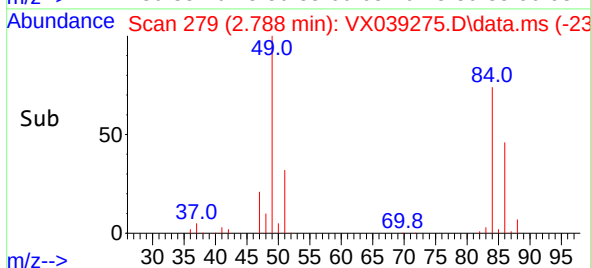
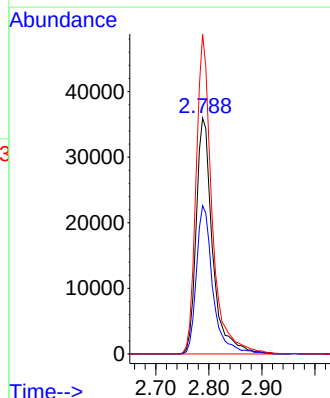
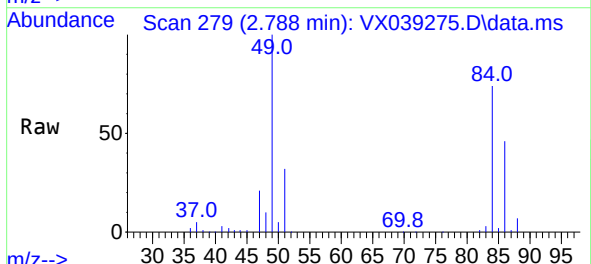
Instrument :
MSVOA_X
ClientSampleId :

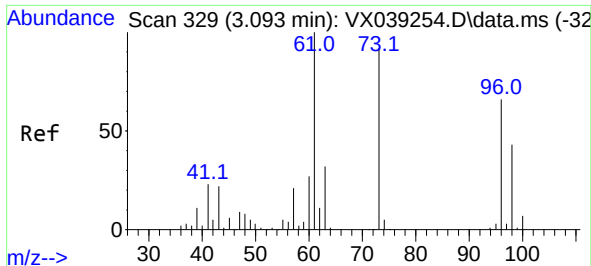
Tgt Ion: 43 Resp: 74378
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.4



#16
Methylene chloride
Concen: 52.935 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

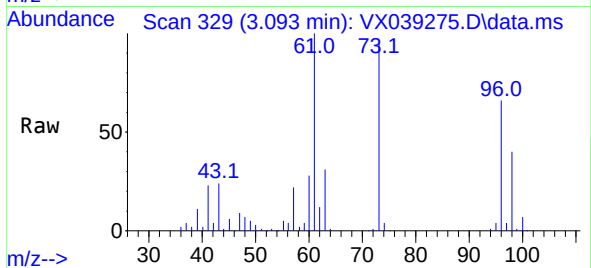
Tgt Ion: 84 Resp: 77142
Ion Ratio Lower Upper
84 100
86 62.9 44.7 82.9
49 135.5 90.9 168.7





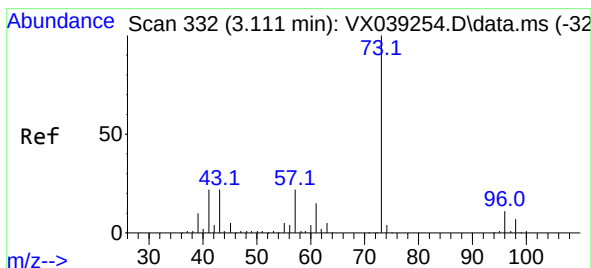
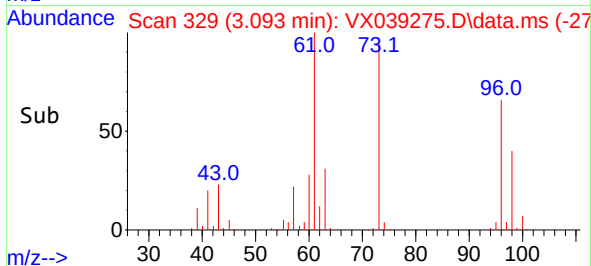
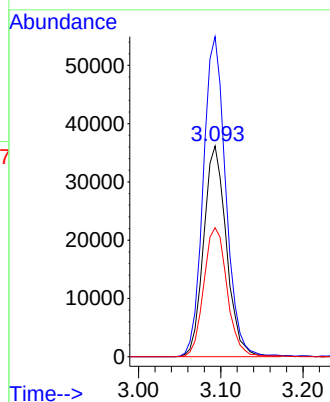
#17
trans-1,2-Dichloroethene
Concen: 52.107 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 69637

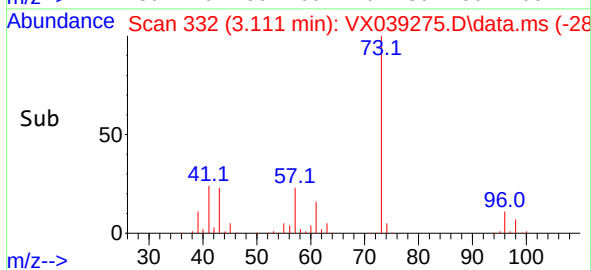
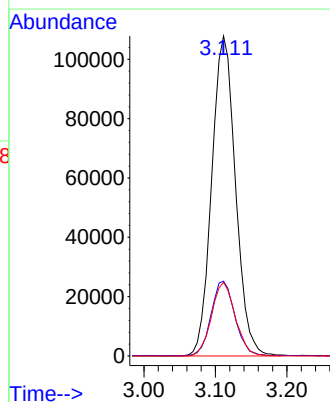
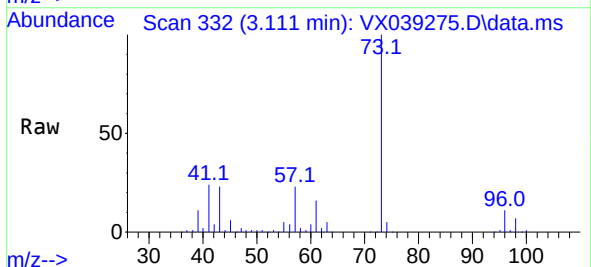
Ion	Ratio	Lower	Upper
96	100		
61	151.8	99.8	185.3
98	61.2	42.6	79.2

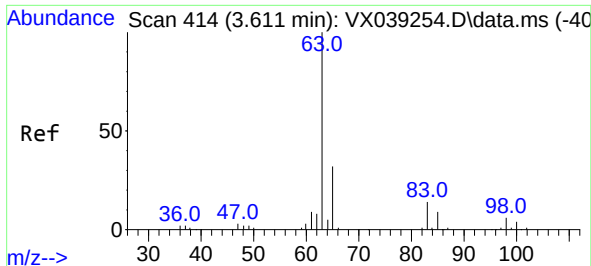


#18
Methyl tert-butyl Ether
Concen: 53.523 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion: 73 Resp: 248980

Ion	Ratio	Lower	Upper
73	100		
43	23.3	16.9	25.3
57	22.9	18.5	27.7





#19

1,1-Dichloroethane

Concen: 52.810 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

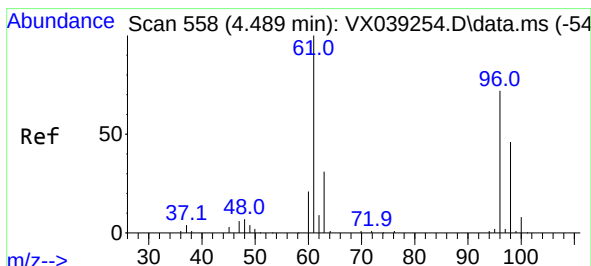
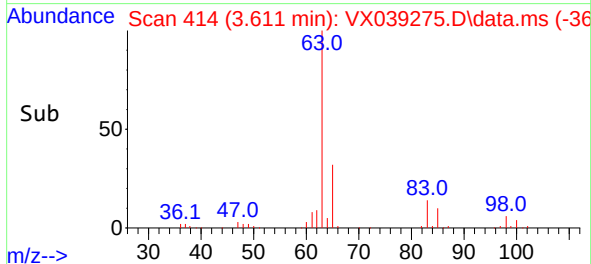
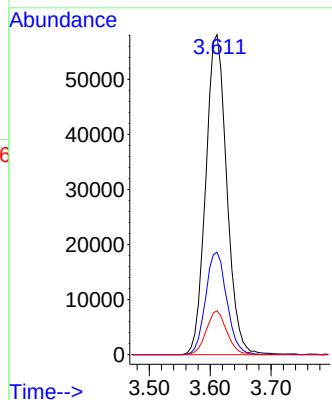
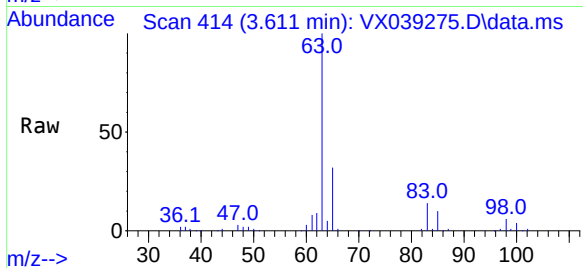
Tgt Ion: 63 Resp: 139549

Ion Ratio Lower Upper

63 100

65 32.0 21.1 39.3

83 13.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 51.703 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

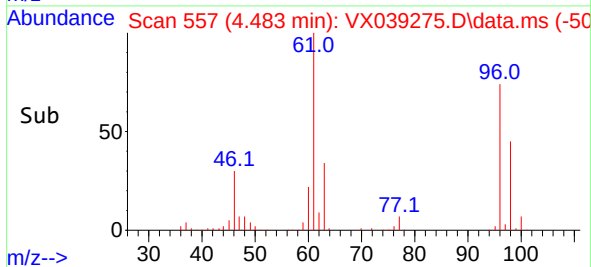
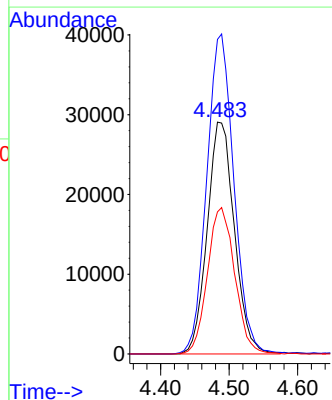
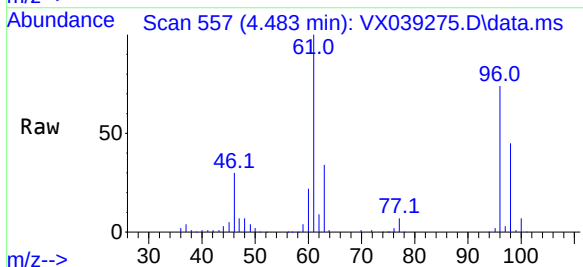
Tgt Ion: 96 Resp: 80145

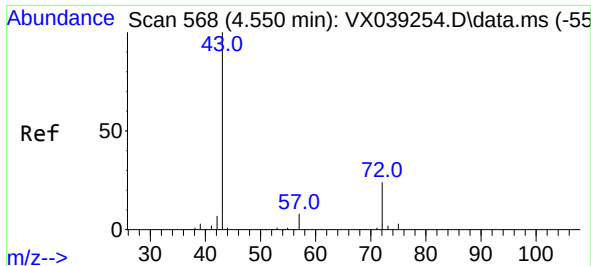
Ion Ratio Lower Upper

96 100

61 135.7 91.7 170.3

98 61.3 44.2 82.2

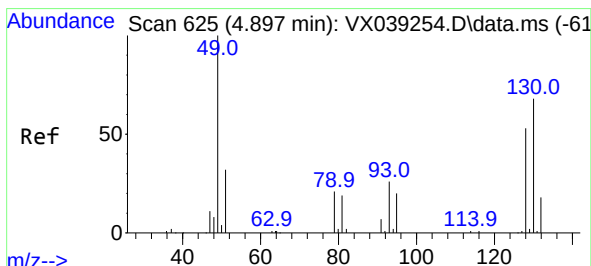
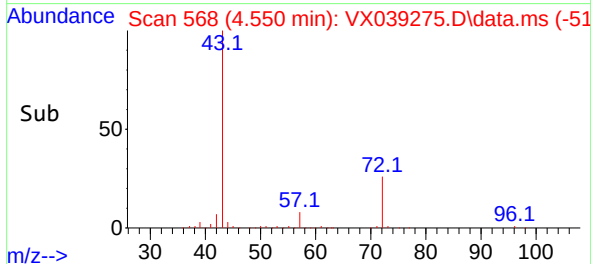
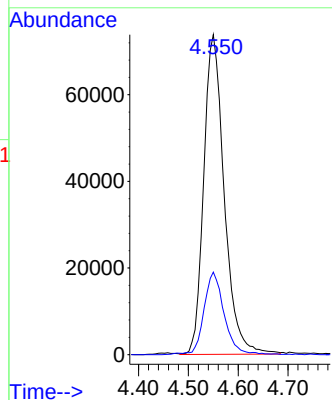
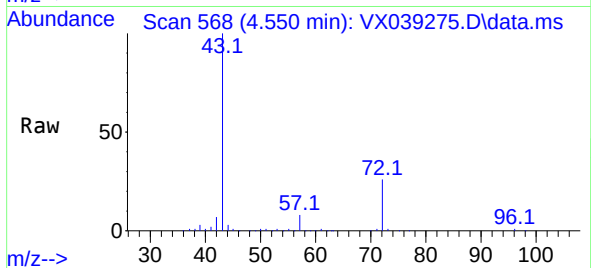




#22
2-Butanone
Concen: 127.989 ug/L
RT: 4.550 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

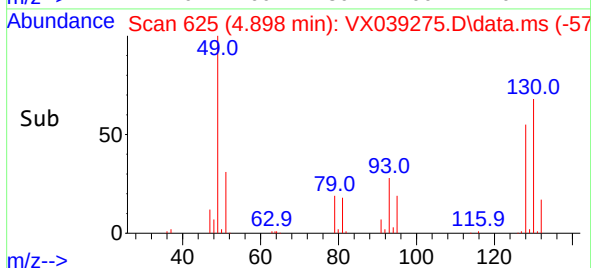
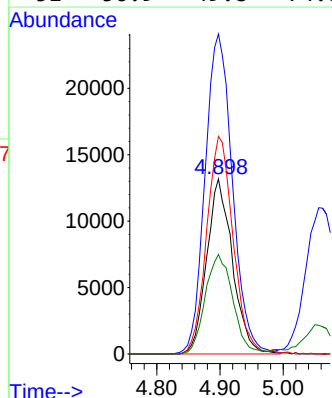
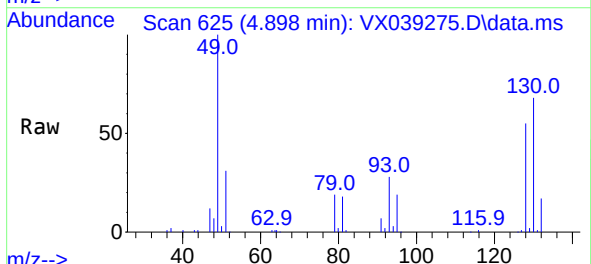
Instrument :
MSVOA_X
ClientSampleId :

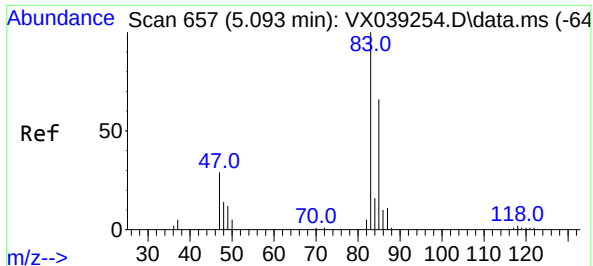
Tgt Ion: 43 Resp: 210939
Ion Ratio Lower Upper
43 100
72 23.6 12.6 37.6



#23
Bromochloromethane
Concen: 51.151 ug/L
RT: 4.898 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion:128 Resp: 37272
Ion Ratio Lower Upper
128 100
49 182.8 130.8 243.0
130 124.3 90.6 168.3
51 56.9 49.8 74.8





#25

Chloroform

Concen: 54.376 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Instrument :

MSVOA_X

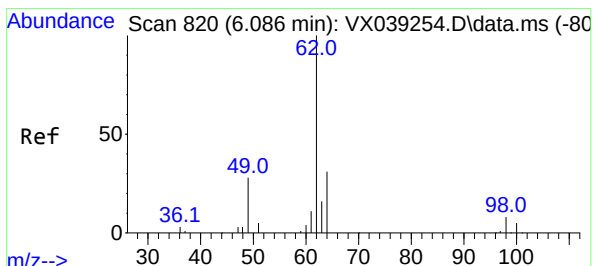
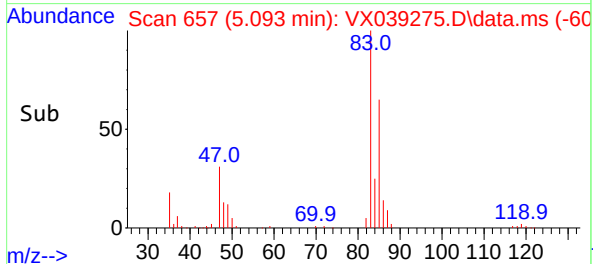
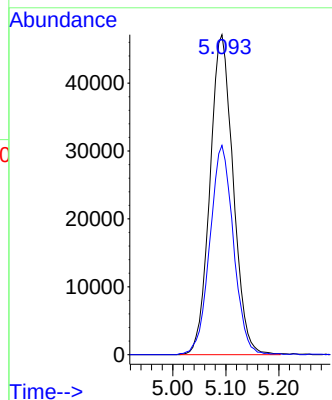
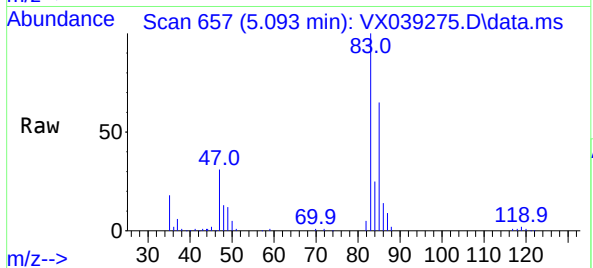
ClientSampleId :

Tgt Ion: 83 Resp: 143319

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 57.775 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX039275.D

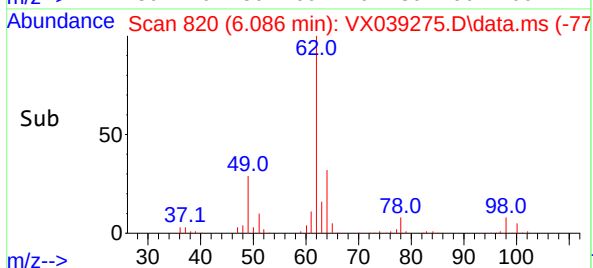
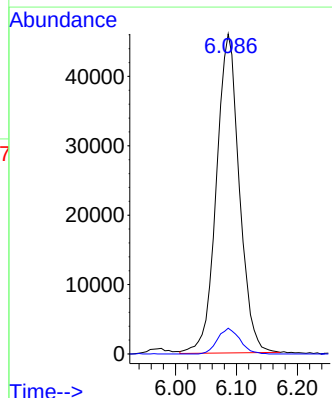
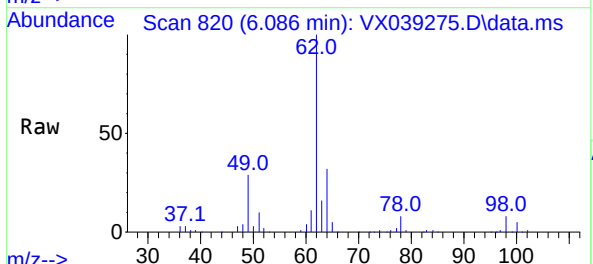
Acq: 16 Dec 2023 09:14

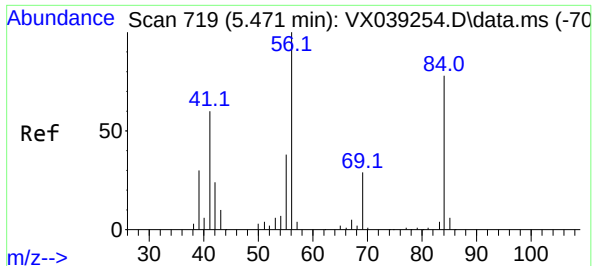
Tgt Ion: 62 Resp: 120187

Ion Ratio Lower Upper

62 100

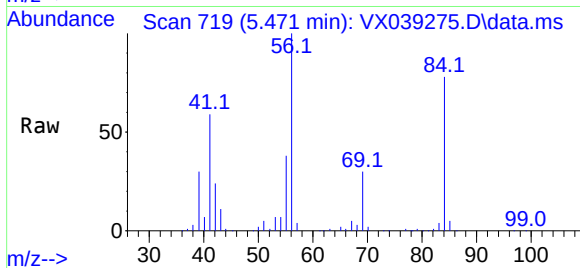
98 8.0 8.0 12.0



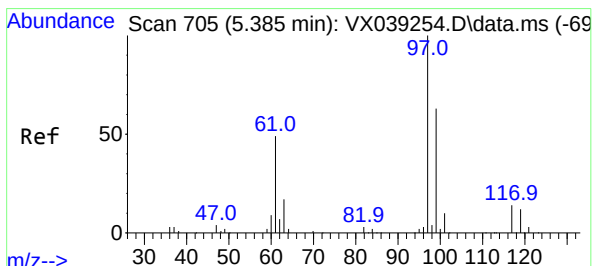
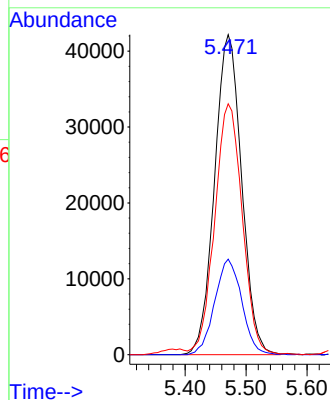
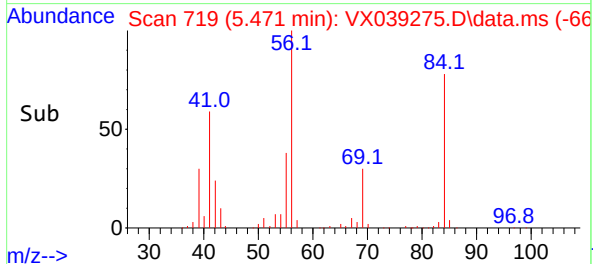


#29
Cyclohexane
Concen: 50.607 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :

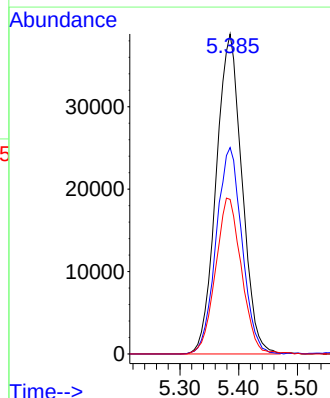
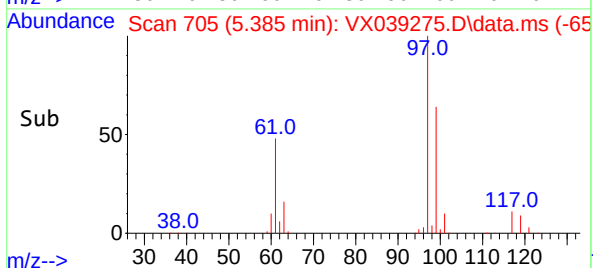
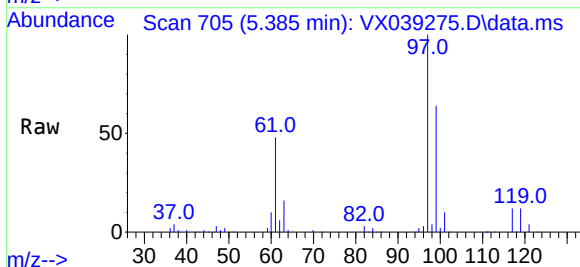


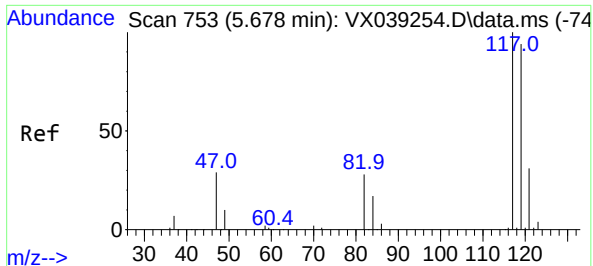
Tgt Ion: 56 Resp: 130358
Ion Ratio Lower Upper
56 100
69 29.8 24.5 36.7
84 79.2 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 52.963 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

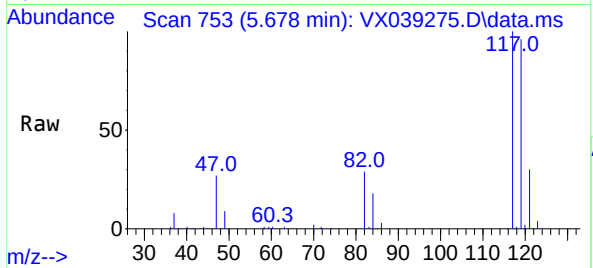
Tgt Ion: 97 Resp: 118331
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 48.8 36.7 55.1



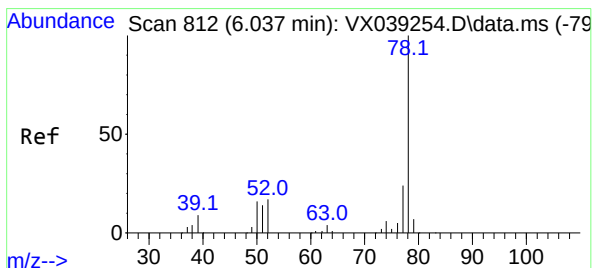
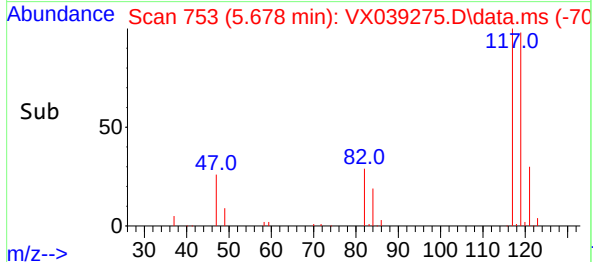
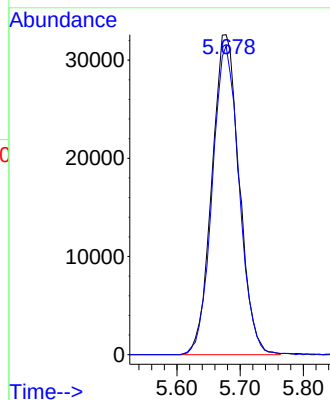


#31
Carbon tetrachloride
Concen: 52.377 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :

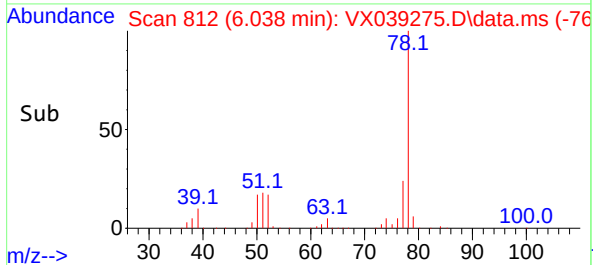
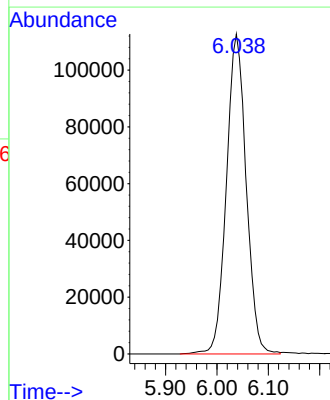
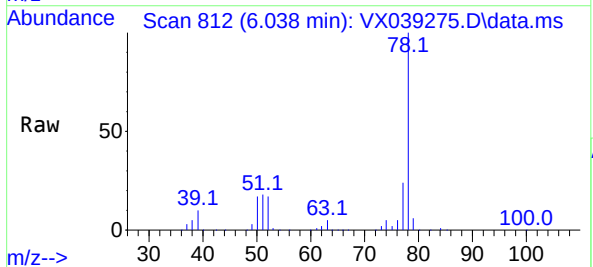


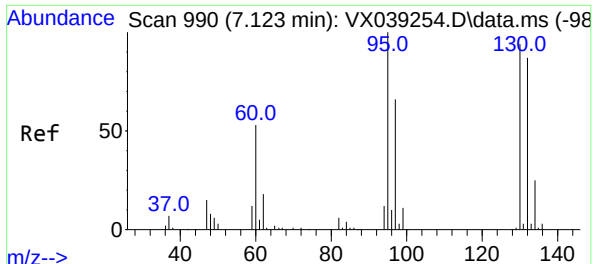
Tgt Ion:117 Resp: 97634
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4



#33
Benzene
Concen: 51.482 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

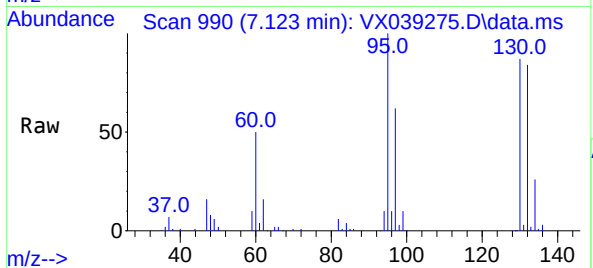
Tgt Ion: 78 Resp: 301265



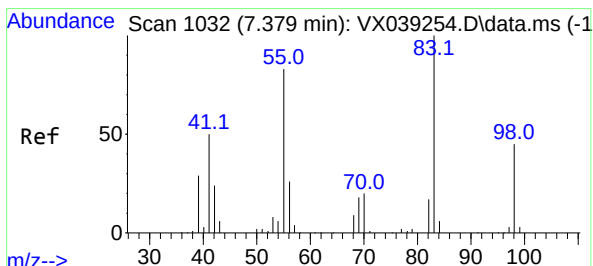
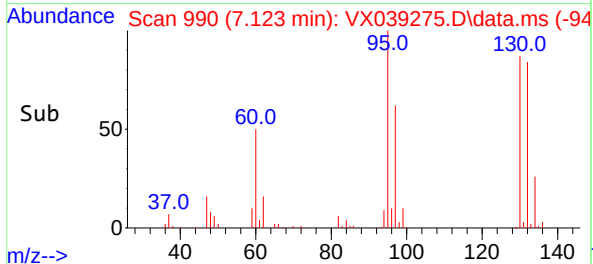
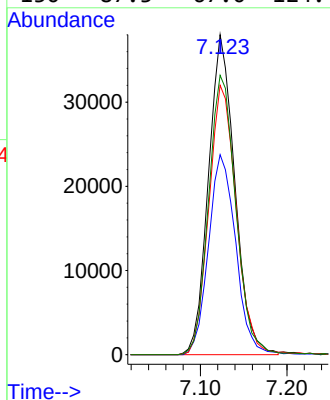


#34
Trichloroethene
Concen: 52.105 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :

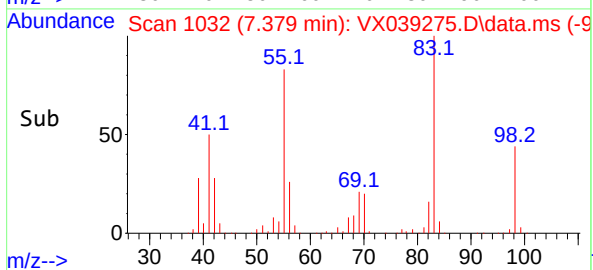
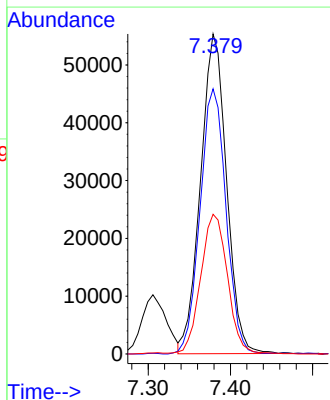
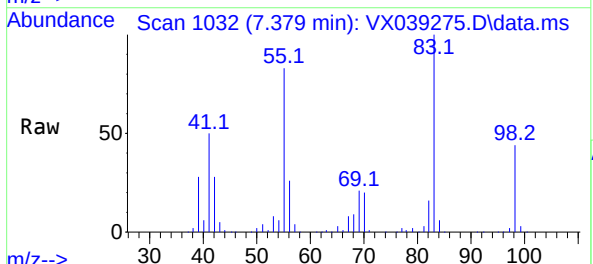


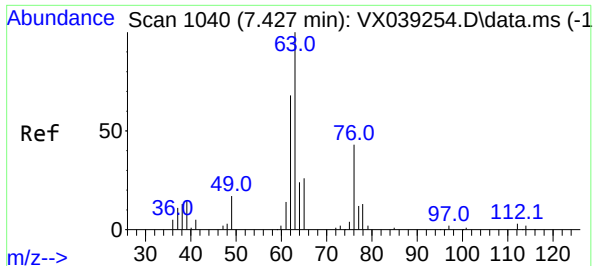
Tgt Ion: 95 Resp: 80580
Ion Ratio Lower Upper
95 100
97 62.5 45.5 84.5
132 84.2 62.2 115.4
130 87.3 67.0 124.4



#35
Methylcyclohexane
Concen: 47.236 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion: 83 Resp: 121662
Ion Ratio Lower Upper
83 100
55 82.9 62.5 93.7
98 44.9 36.1 54.1

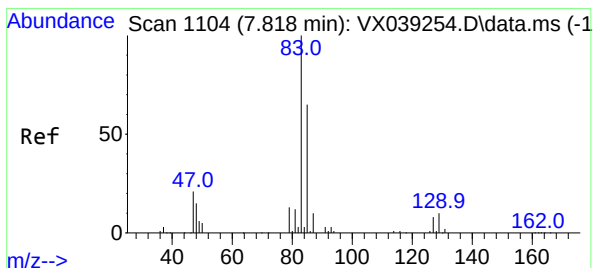
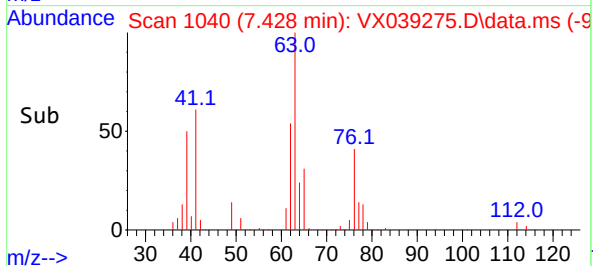
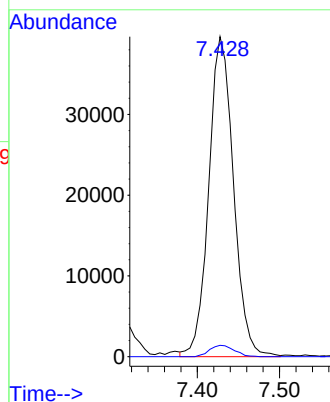
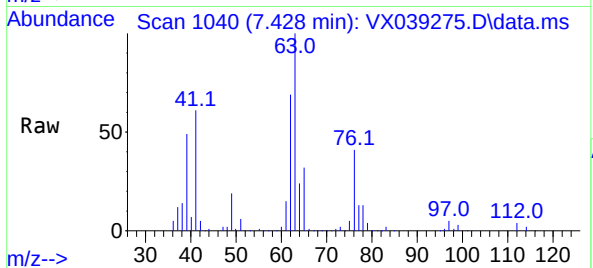




#37
1,2-Dichloropropane
Concen: 51.097 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

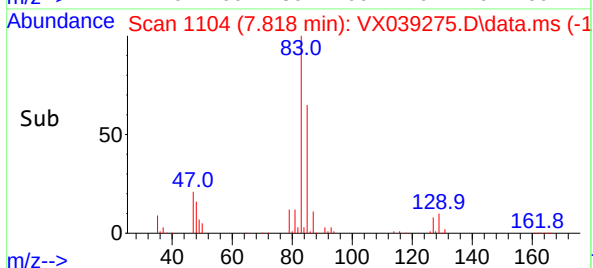
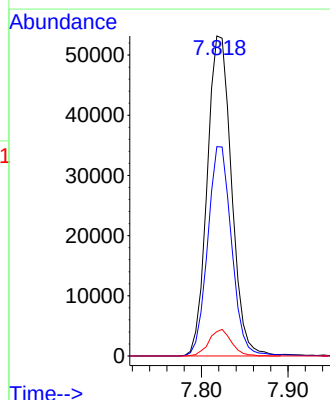
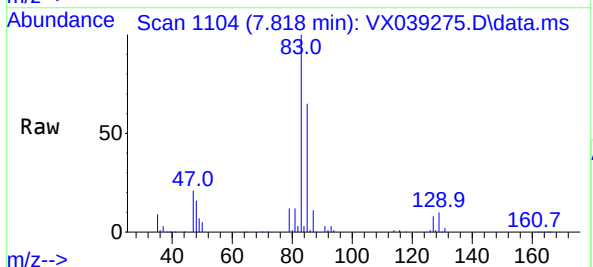
Instrument :
MSVOA_X
ClientSampleId :

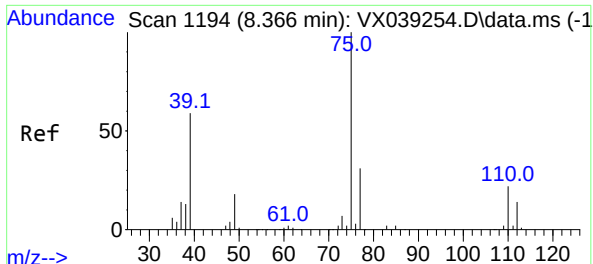
Tgt Ion: 63 Resp: 82928
Ion Ratio Lower Upper
63 100
112 3.5 2.8 4.2



#38
Bromodichloromethane
Concen: 52.586 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion: 83 Resp: 103803
Ion Ratio Lower Upper
83 100
85 65.4 43.3 80.5
127 7.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 47.186 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Instrument :

MSVOA_X

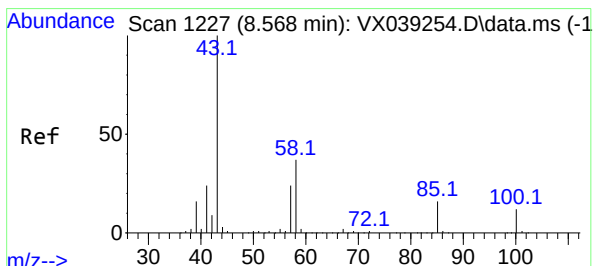
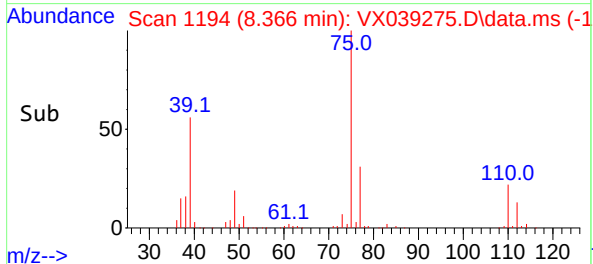
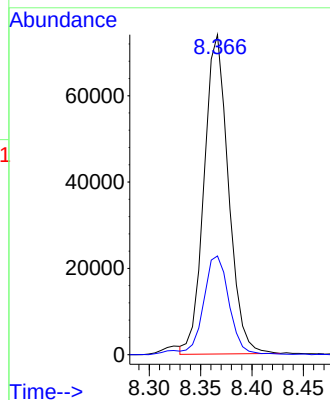
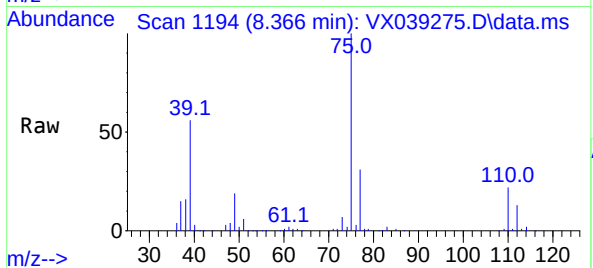
ClientSampleId :

Tgt Ion: 75 Resp: 122138

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 102.018 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

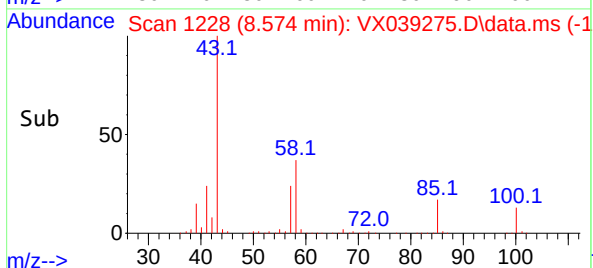
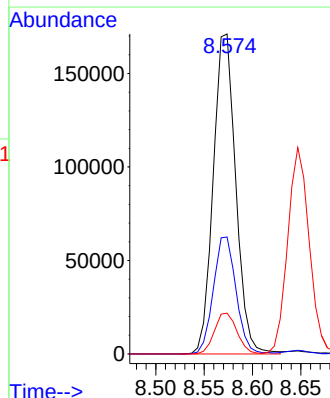
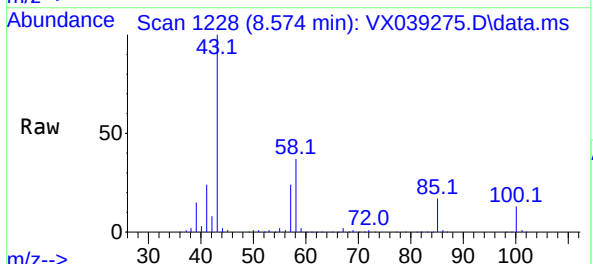
Tgt Ion: 43 Resp: 277488

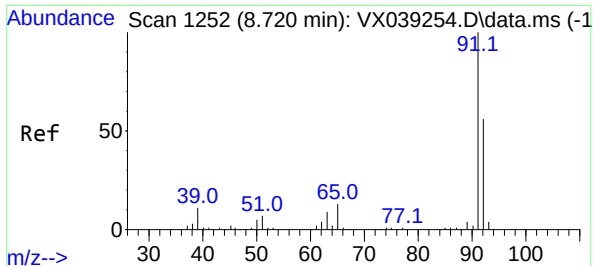
Ion Ratio Lower Upper

43 100

58 36.9 30.9 46.3

100 12.8 10.6 16.0





#42

Toluene

Concen: 50.555 ug/L

RT: 8.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Instrument :

MSVOA_X

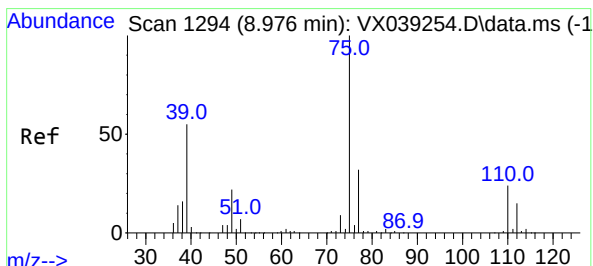
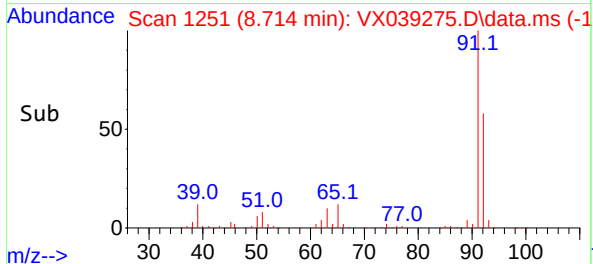
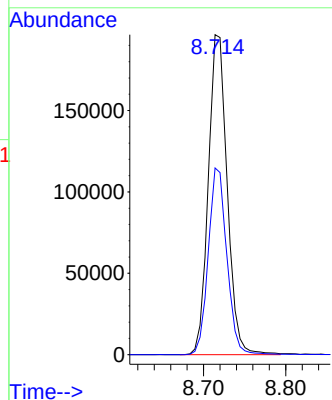
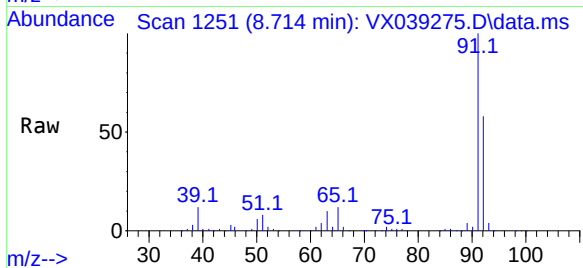
ClientSampleId :

Tgt Ion: 91 Resp: 313718

Ion Ratio Lower Upper

91 100

92 58.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 48.396 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX039275.D

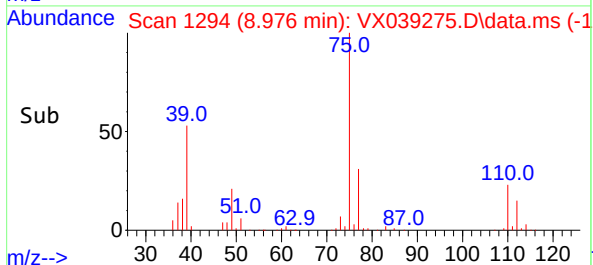
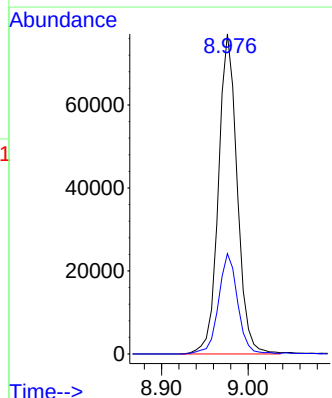
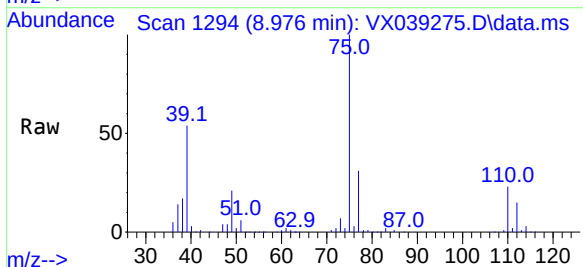
Acq: 16 Dec 2023 09:14

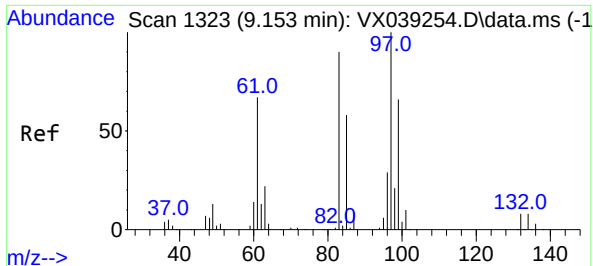
Tgt Ion: 75 Resp: 116250

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 51.560 ug/L

RT: 9.153 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 76685

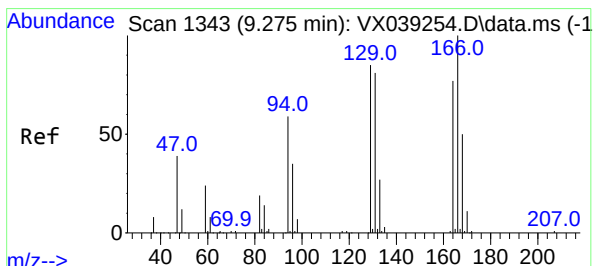
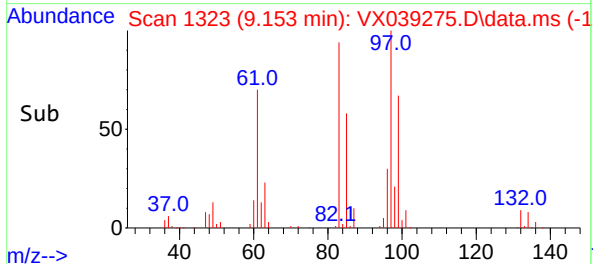
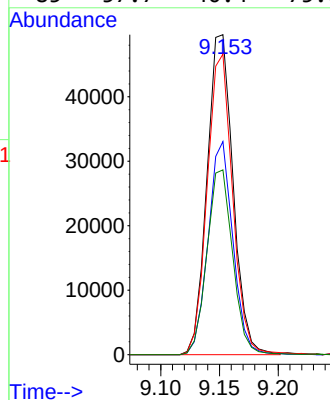
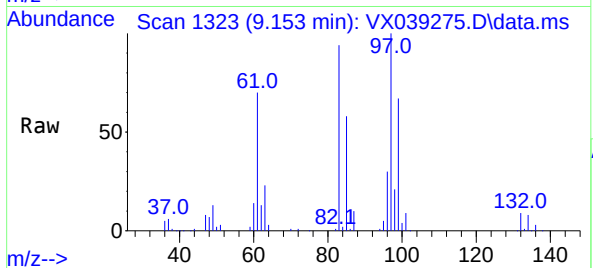
Ion Ratio Lower Upper

97 100

99 66.6 43.1 80.1

83 93.9 64.0 118.8

85 57.7 40.4 75.0



#46

Tetrachloroethene

Concen: 49.845 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Tgt Ion:164 Resp: 50851

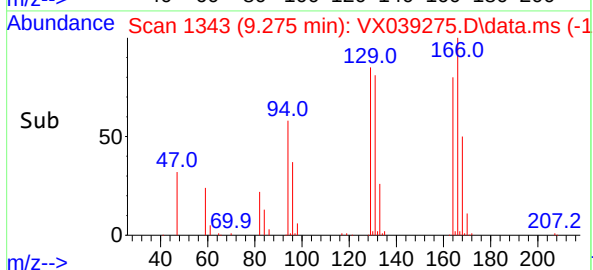
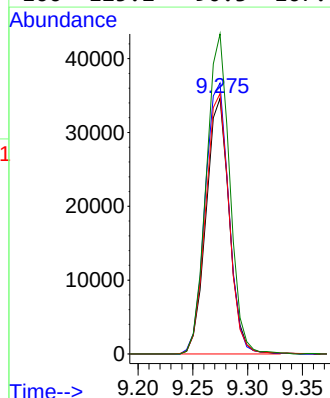
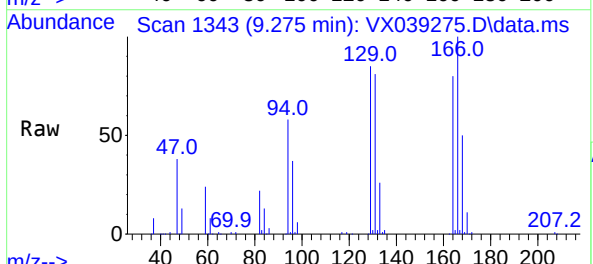
Ion Ratio Lower Upper

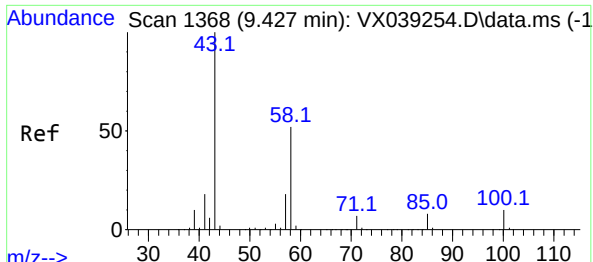
164 100

129 106.0 71.9 133.5

131 101.8 69.5 129.1

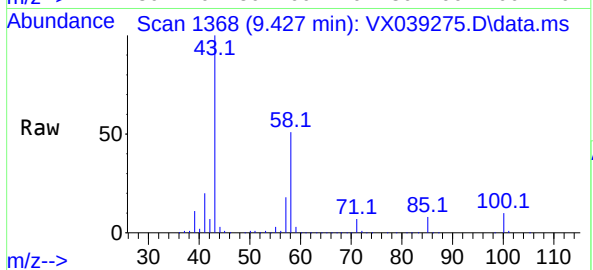
166 125.2 90.3 167.7





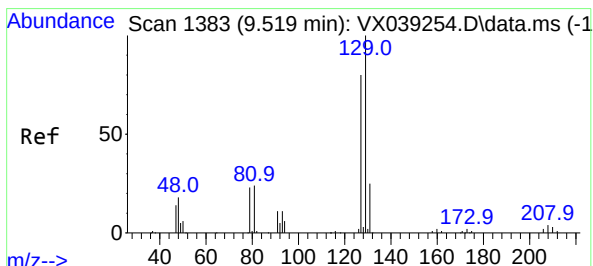
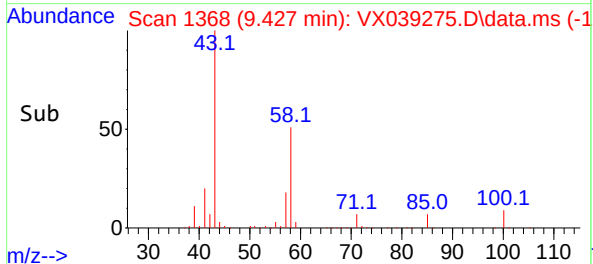
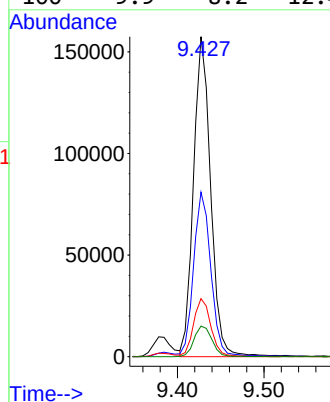
#48
2-Hexanone
Concen: 95.400 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 217183

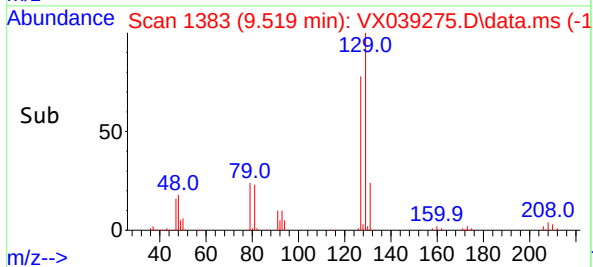
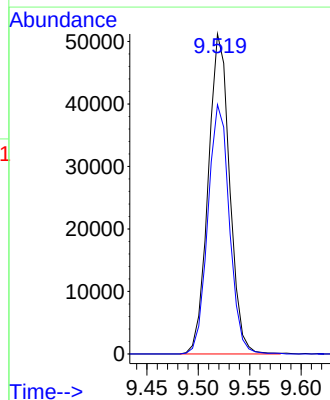
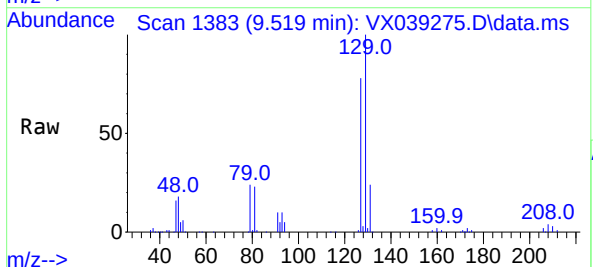
Ion	Ratio	Lower	Upper
43	100		
58	52.2	43.0	64.6
57	18.2	14.6	21.8
100	9.9	8.2	12.4

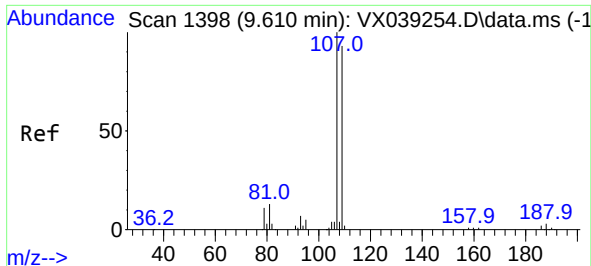


#49
Dibromochloromethane
Concen: 51.208 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion:129 Resp: 74197

Ion	Ratio	Lower	Upper
129	100		
127	77.9	55.2	102.4

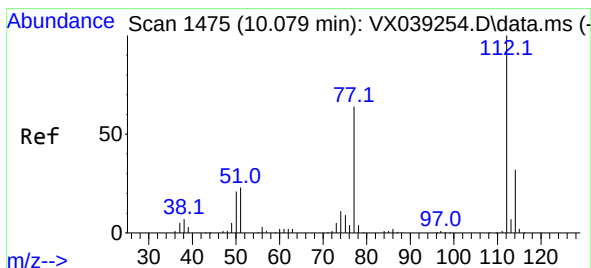
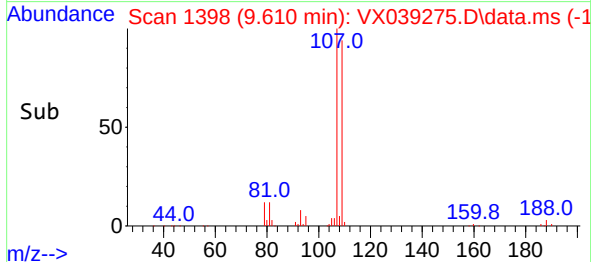
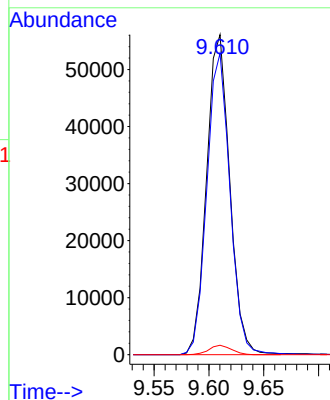
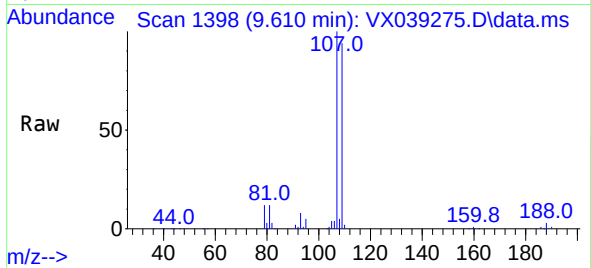




#50
1,2-Dibromoethane
Concen: 51.726 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

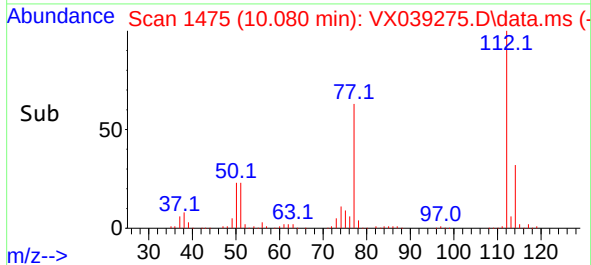
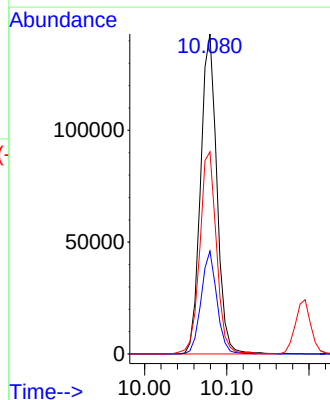
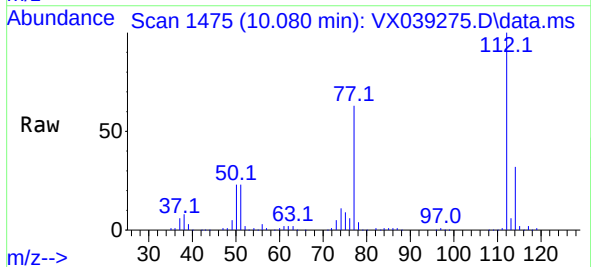
Instrument :
MSVOA_X
ClientSampleId :

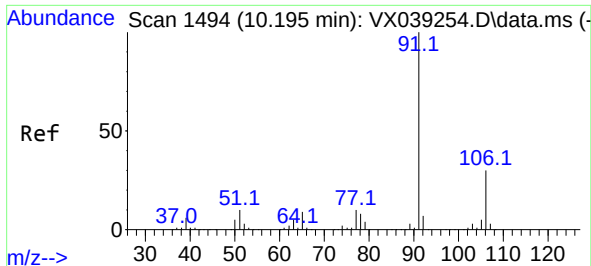
Tgt Ion:107 Resp: 82420
Ion Ratio Lower Upper
107 100
109 94.2 65.2 121.0
188 3.0 2.5 3.7



#51
Chlorobenzene
Concen: 51.229 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion:112 Resp: 196364
Ion Ratio Lower Upper
112 100
114 32.2 21.8 40.4
77 63.2 49.0 73.6

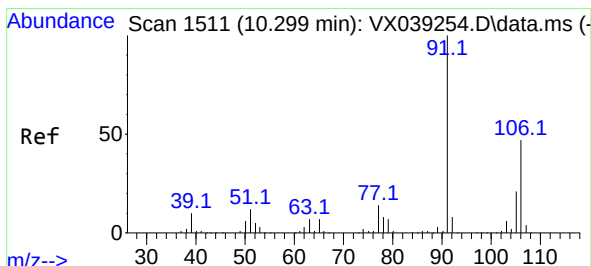
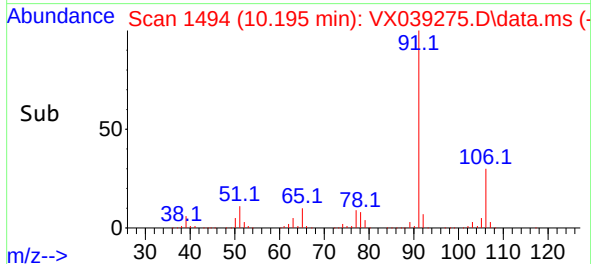
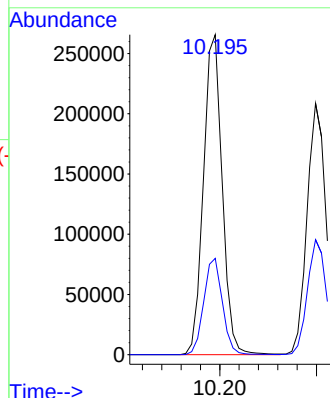
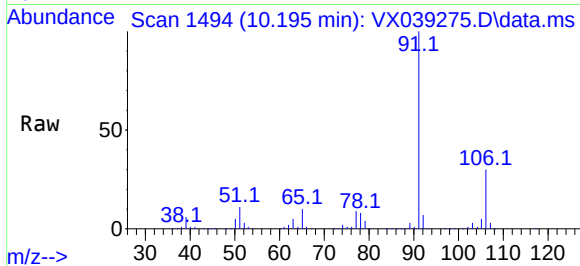




#52
Ethylbenzene
Concen: 51.679 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

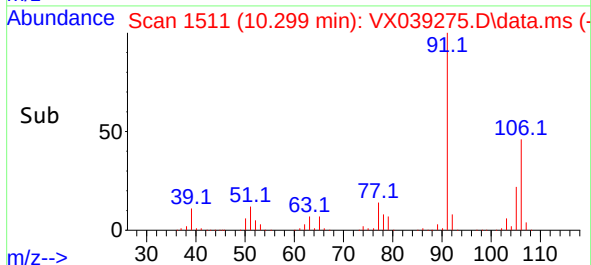
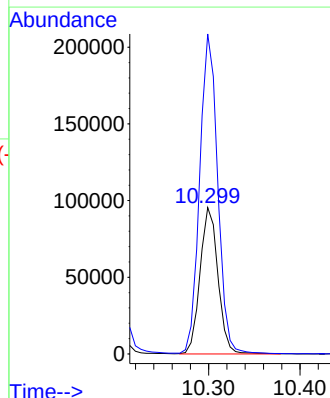
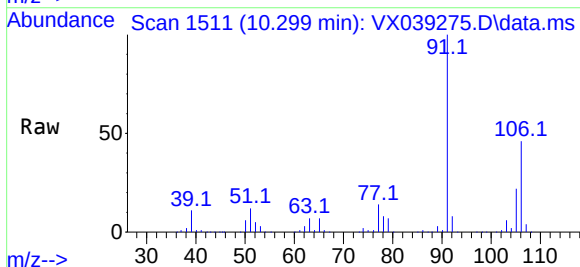
Instrument :
MSVOA_X
ClientSampleId :

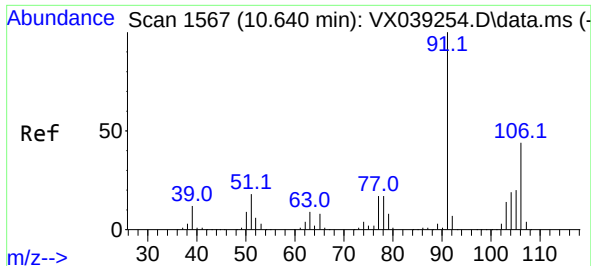
Tgt Ion: 91 Resp: 358515
Ion Ratio Lower Upper
91 100
106 30.1 21.2 39.4



#53
m,p-Xylene
Concen: 50.141 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion: 106 Resp: 130057
Ion Ratio Lower Upper
106 100
91 218.5 149.0 276.8

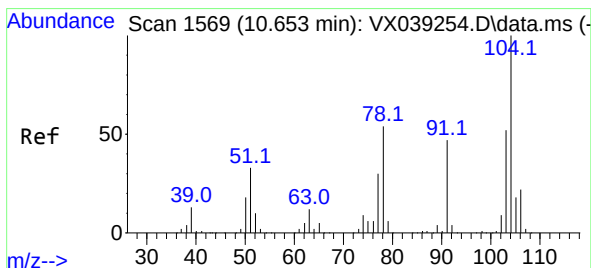
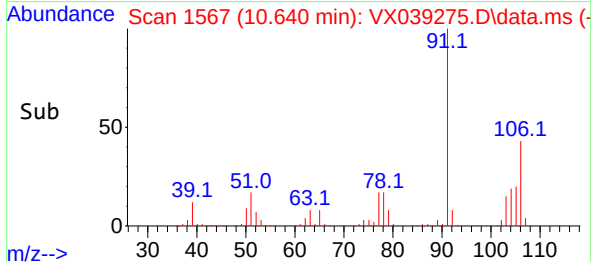
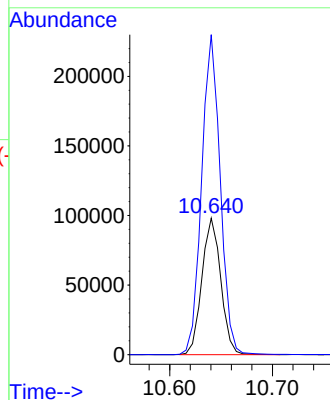
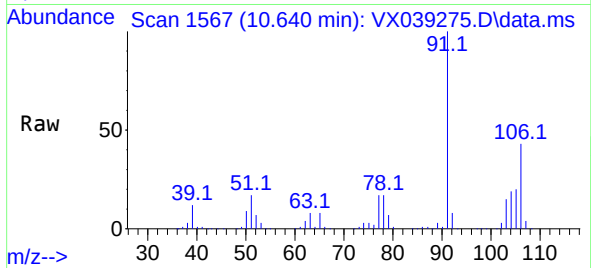




#54
o-Xylene
Concen: 50.497 ug/L
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

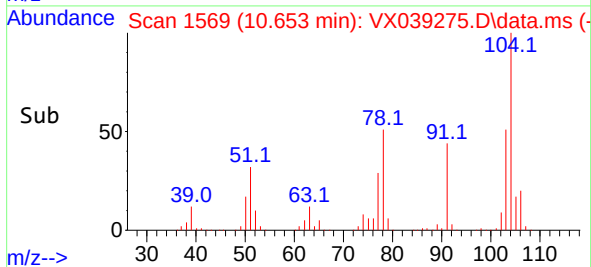
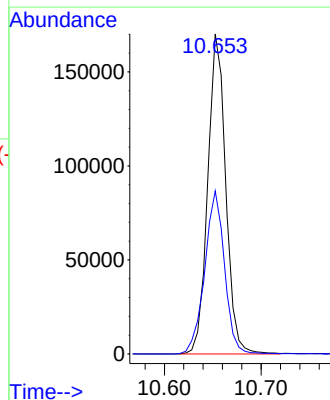
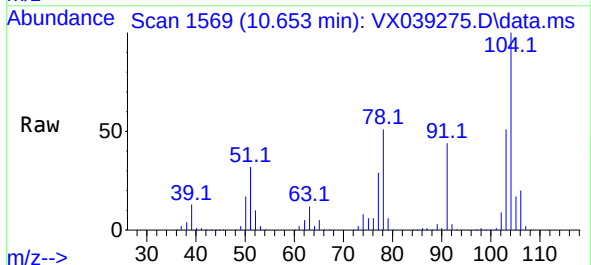
Instrument :
MSVOA_X
ClientSampleId :

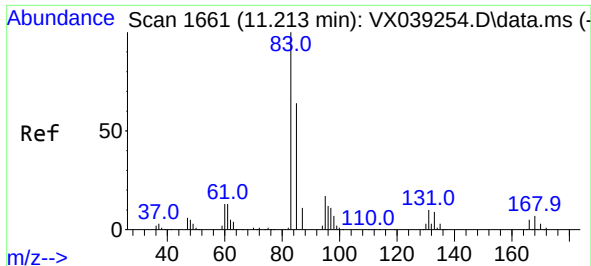
Tgt Ion:106 Resp: 125682
Ion Ratio Lower Upper
106 100
91 234.3 156.2 290.0



#55
Styrene
Concen: 51.766 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion:104 Resp: 220450
Ion Ratio Lower Upper
104 100
78 51.0 33.5 62.1

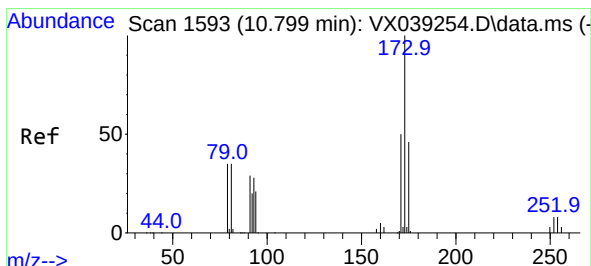
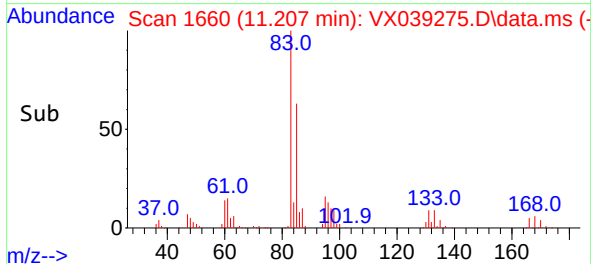
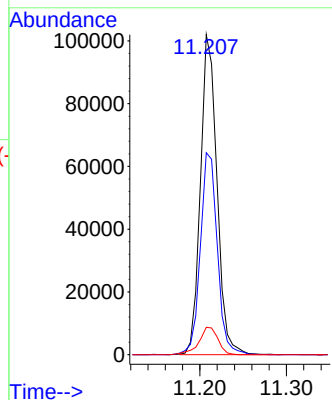
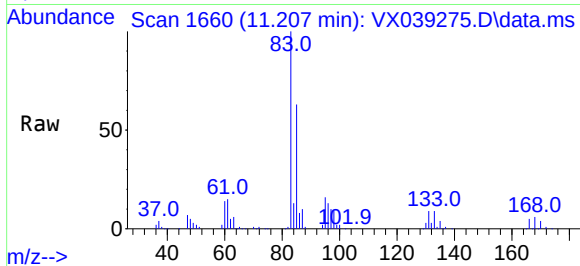




#57
1,1,2,2-Tetrachloroethane
Concen: 52.086 ug/L
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

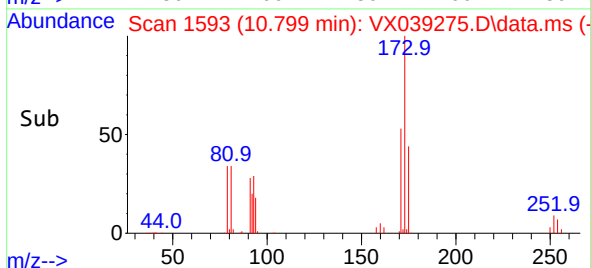
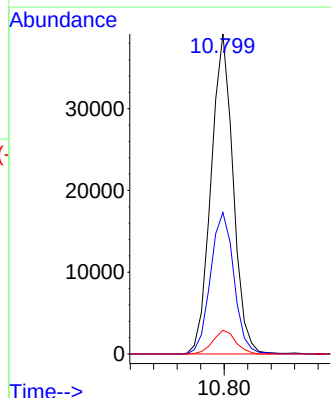
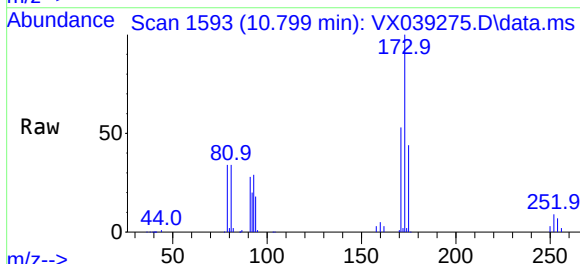
Instrument :
MSVOA_X
ClientSampleId :

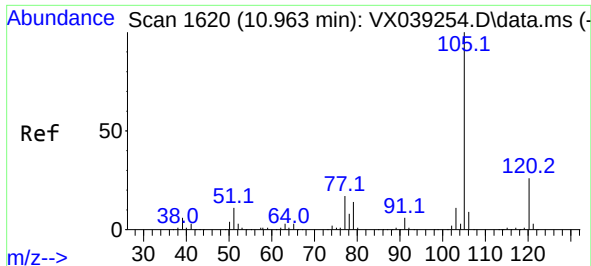
Tgt Ion: 83 Resp: 135195
Ion Ratio Lower Upper
83 100
85 63.1 45.2 84.0
131 8.6 7.2 10.8



#59
Bromoform
Concen: 46.849 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion:173 Resp: 51111
Ion Ratio Lower Upper
173 100
175 46.9 38.7 58.1
254 7.6 6.2 9.2

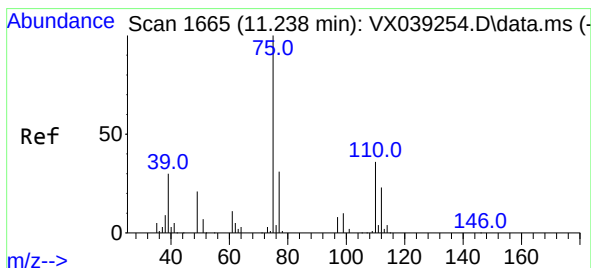
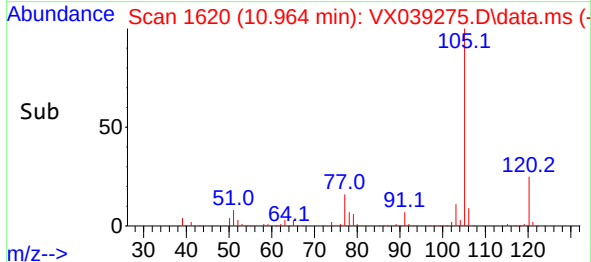
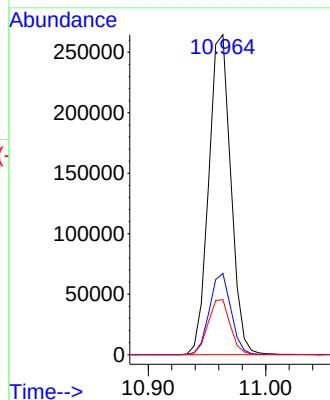
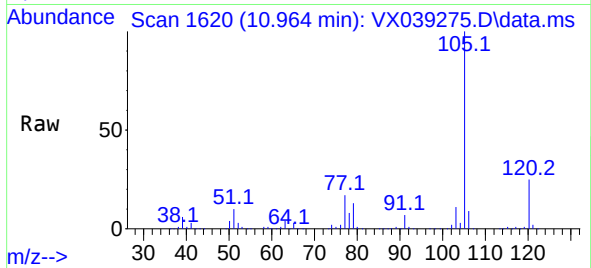




#60
Isopropylbenzene
Concen: 51.103 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

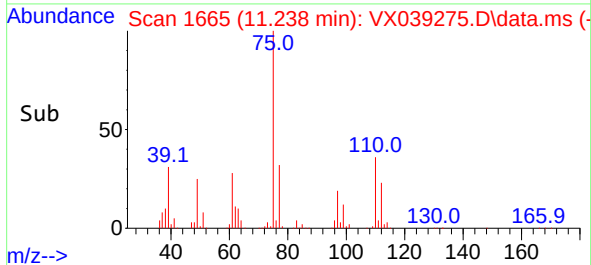
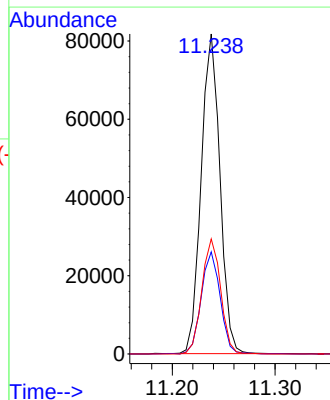
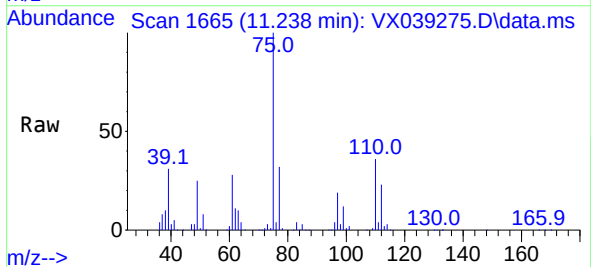
Instrument :
MSVOA_X
ClientSampleId :

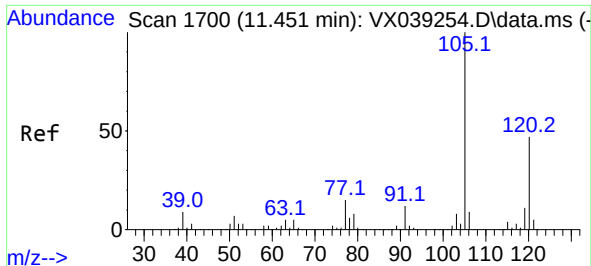
Tgt Ion:105 Resp: 346631
Ion Ratio Lower Upper
105 100
120 24.9 20.5 30.7
77 17.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 51.123 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion: 75 Resp: 103958
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 36.1 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 50.914 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Instrument :

MSVOA_X

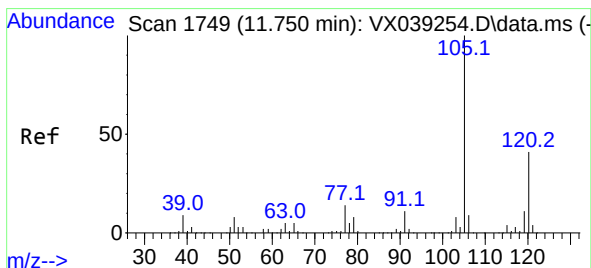
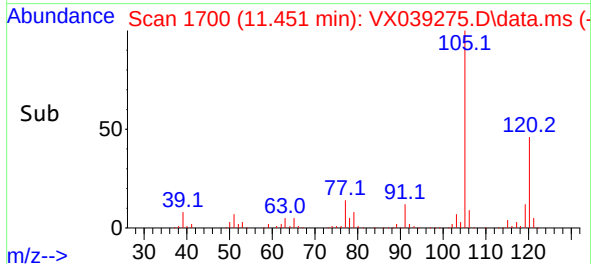
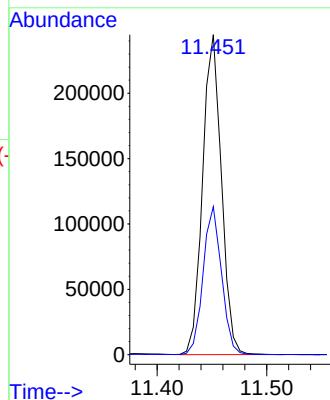
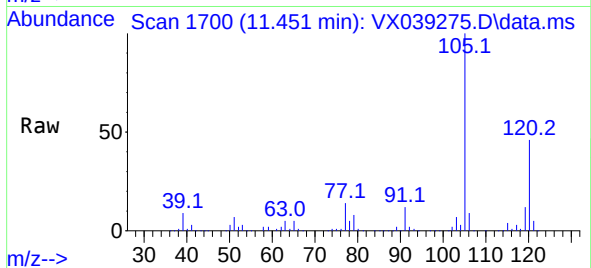
ClientSampleId :

Tgt Ion:105 Resp: 291564

Ion Ratio Lower Upper

105 100

120 45.4 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 51.637 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039275.D

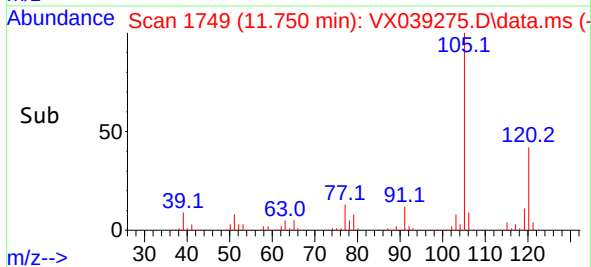
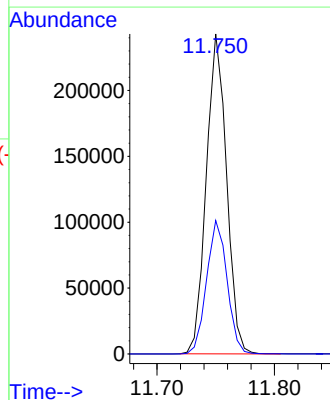
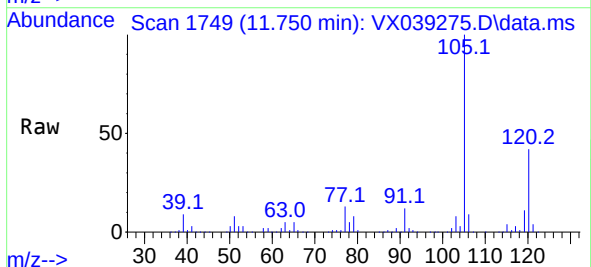
Acq: 16 Dec 2023 09:14

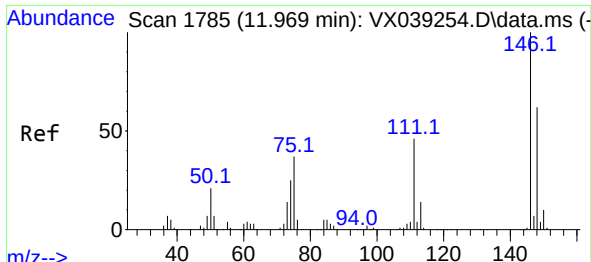
Tgt Ion:105 Resp: 289950

Ion Ratio Lower Upper

105 100

120 42.1 34.9 52.3

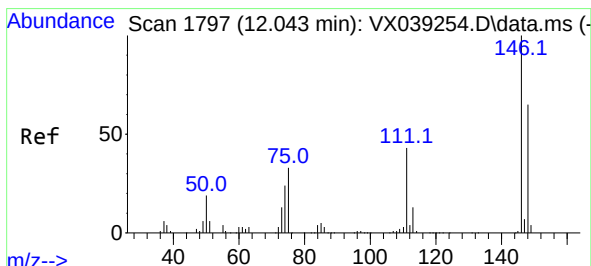
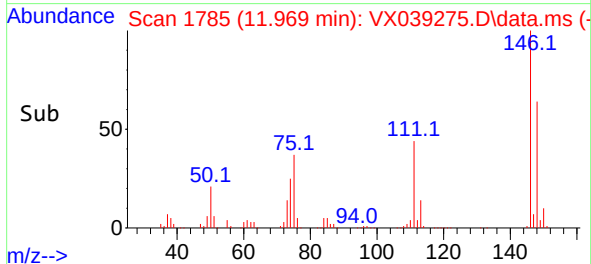
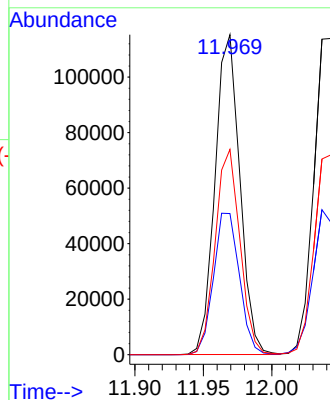
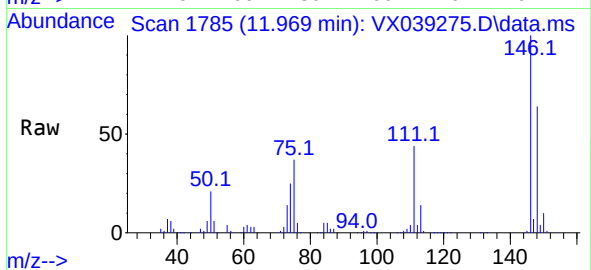




#64
1,3-Dichlorobenzene
Concen: 50.133 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

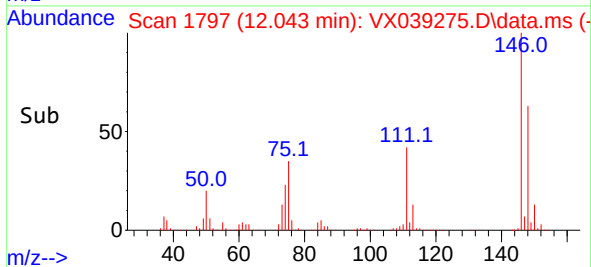
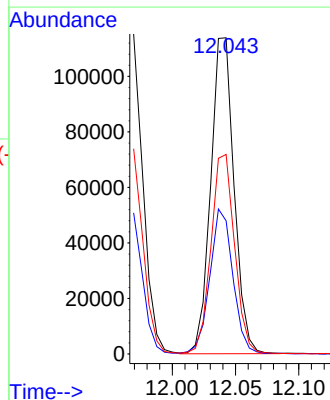
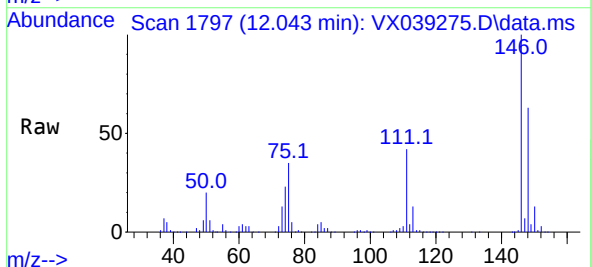
Instrument :
MSVOA_X
ClientSampleId :

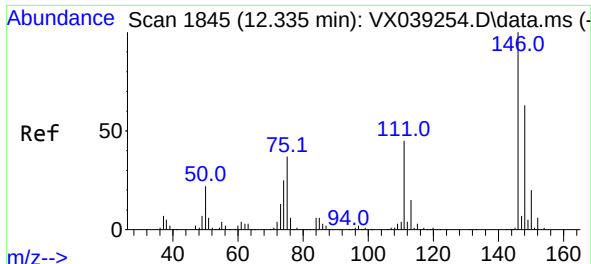
Tgt Ion:146 Resp: 145550
Ion Ratio Lower Upper
146 100
111 44.1 30.0 55.6
148 64.1 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 49.736 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion:146 Resp: 146323
Ion Ratio Lower Upper
146 100
111 42.1 29.7 55.1
148 63.1 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 51.386 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

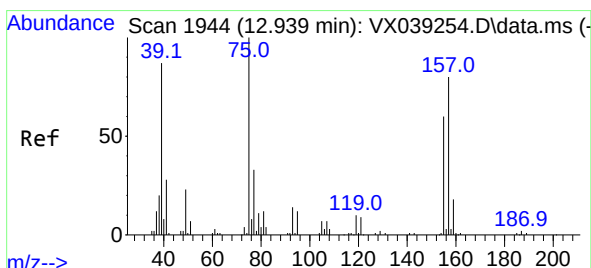
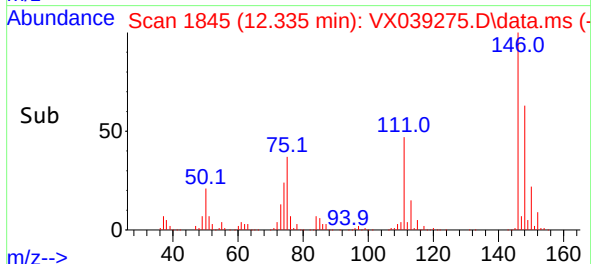
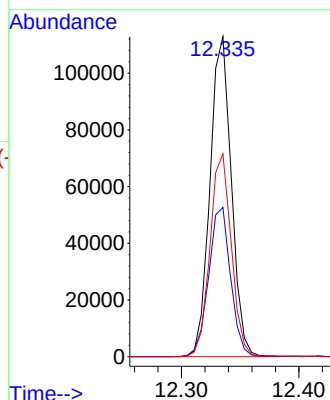
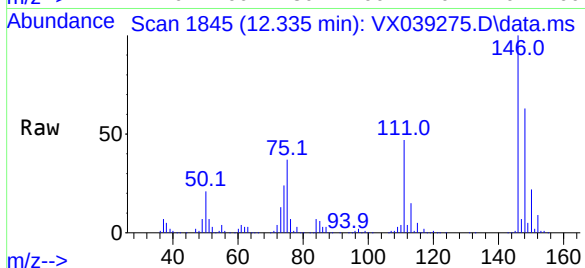
Tgt Ion:146 Resp: 142710

Ion Ratio Lower Upper

146 100

111 46.7 36.4 54.6

148 63.4 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 50.605 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

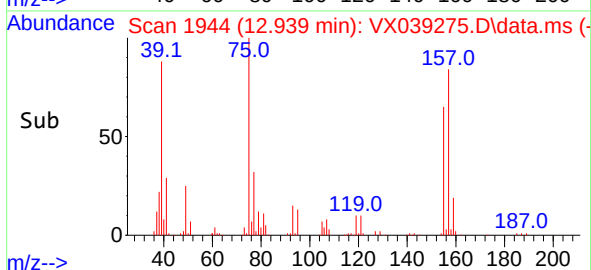
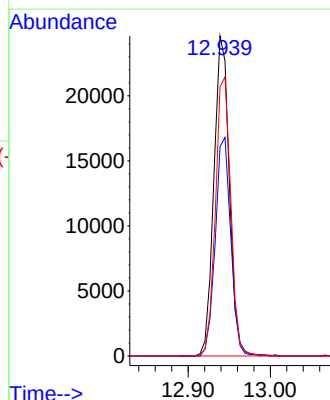
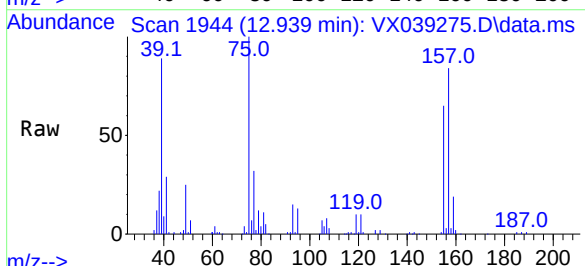
Tgt Ion: 75 Resp: 32116

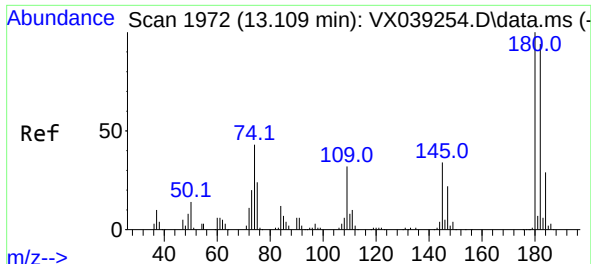
Ion Ratio Lower Upper

75 100

155 65.4 52.3 78.5

157 84.1 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 48.370 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

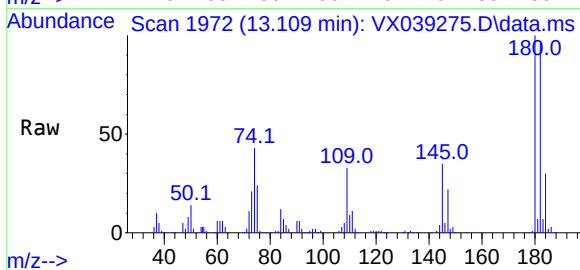
Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 92871

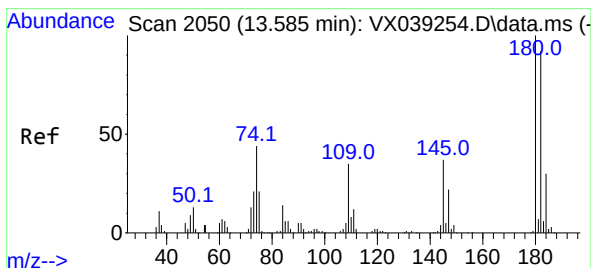
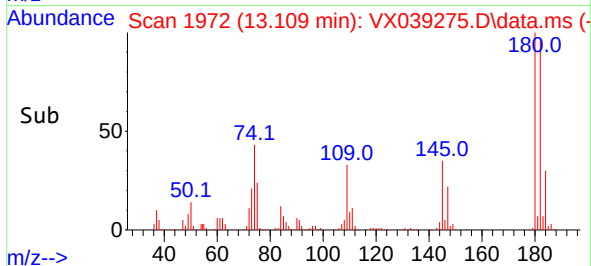
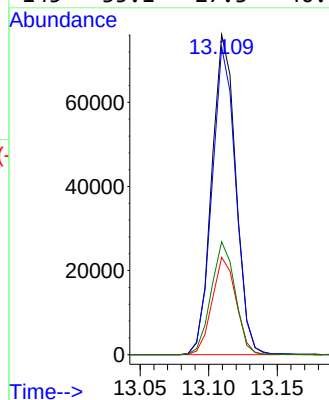
Ion Ratio Lower Upper

180 100

182 94.9 76.1 114.1

184 30.3 24.1 36.1

145 35.1 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 48.586 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039275.D

Acq: 16 Dec 2023 09:14

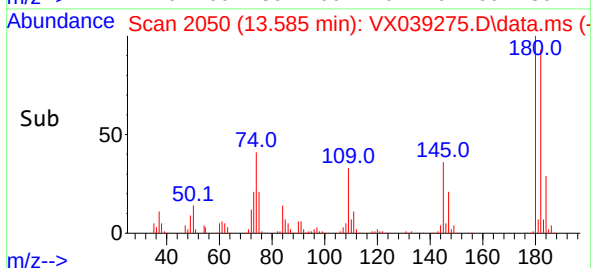
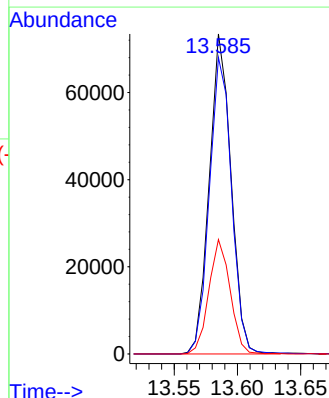
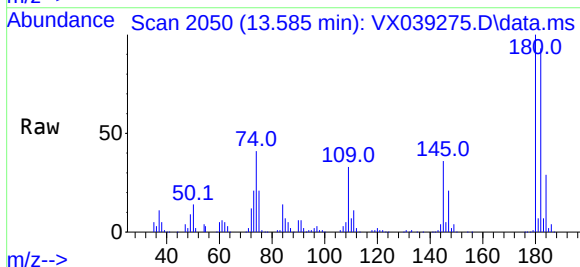
Tgt Ion:180 Resp: 87942

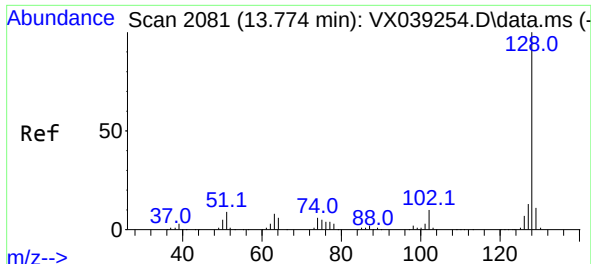
Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

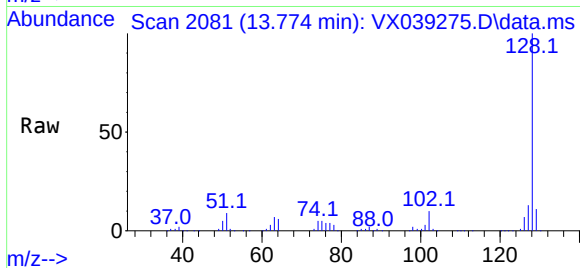
145 35.0 27.8 41.6



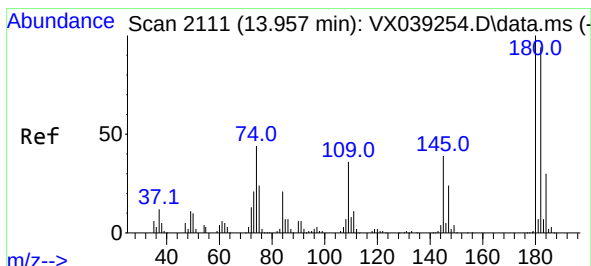
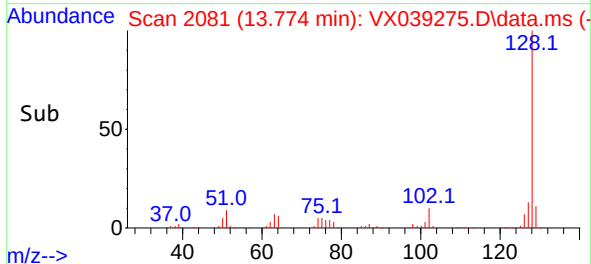
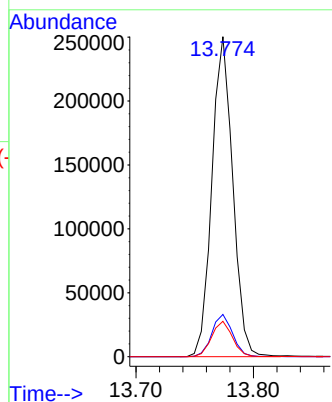


#71
Naphthalene
Concen: 49.811 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 309207
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.074 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039275.D
Acq: 16 Dec 2023 09:14

Tgt Ion:180 Resp: 87760
Ion Ratio Lower Upper
180 100
182 93.9 75.9 113.9
145 37.2 28.6 42.8

