

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039296.D
 Acq On : 16 Dec 2023 17:25
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:13:36 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	207574	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198180	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100197	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67727	41.599	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.200%
7) Chloroethane-d5	1.666	69	51354	42.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.340%
11) 1,1-Dichloroethene-d2	2.306	65	34541	48.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.660%
21) 2-Butanone-d5	4.452	46	146518	99.418	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.420%
24) Chloroform-d	5.056	84	146392	50.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.580%
26) 1,2-Dichloroethane-d4	5.958	65	96210	51.545	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.080%
32) Benzene-d6	5.977	84	287573	47.018	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.040%
36) 1,2-Dichloropropane-d6	7.306	67	92262	46.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.740%
41) Toluene-d8	8.647	98	260340	46.970	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.940%
43) trans-1,3-Dichloroprop...	8.952	79	43591	43.519	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.040%
47) 2-Hexanone-d5	9.384	63	108209	92.044	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.040%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	134525	48.178	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	89260	47.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	86623	52.329	ug/L	99
3) Chloromethane	1.294	50	87365	50.494	ug/L	98
5) Vinyl chloride	1.374	62	82167	48.184	ug/L	100
6) Bromomethane	1.605	94	47430	51.530	ug/L	99
8) Chloroethane	1.685	64	47355	49.120	ug/L	97
9) Trichlorofluoromethane	1.886	101	116360	52.650	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76248	53.635	ug/L	98
12) 1,1-Dichloroethene	2.319	96	71097	53.168	ug/L	92
13) Acetone	2.374	43	116750	82.463	ug/L	97
14) Carbon disulfide	2.514	76	207198	48.693	ug/L	99
15) Methyl Acetate	2.703	43	112125	55.407	ug/L	98
16) Methylene chloride	2.788	84	83790	54.538	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	73903	52.453	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	265966	54.232	ug/L	98
19) 1,1-Dichloroethane	3.611	63	149379	53.620	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	85326	52.212	ug/L	97
22) 2-Butanone	4.556	43	168181	96.793	ug/L	98
23) Bromochloromethane	4.897	128	39575	51.516	ug/L	99
25) Chloroform	5.093	83	150110	54.021	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039296.D
 Acq On : 16 Dec 2023 17:25
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 67 Sample Multiplier: 1

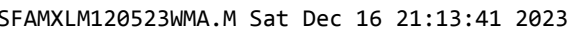
Instrument :
 MSVOA_X
 ClientSampleId :

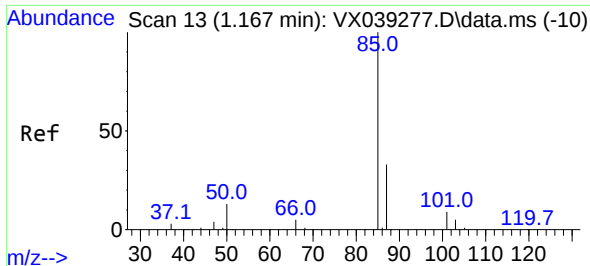
Quant Time: Dec 16 21:13:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	127644	58.202	ug/L	97
29) Cyclohexane	5.471	56	138297	49.885	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	125610	52.238	ug/L	98
31) Carbon tetrachloride	5.678	117	102663	51.174	ug/L	99
33) Benzene	6.037	78	316904	50.318	ug/L	100
34) Trichloroethene	7.123	95	84793	50.945	ug/L	95
35) Methylcyclohexane	7.379	83	131942	47.598	ug/L	96
37) 1,2-Dichloropropane	7.427	63	88831	50.857	ug/L	100
38) Bromodichloromethane	7.824	83	108927	51.273	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	134568	48.305	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	306018	104.537	ug/L	98
42) Toluene	8.720	91	334277	50.052	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	127720	49.404	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	82530	51.559	ug/L	99
46) Tetrachloroethene	9.275	164	53775	48.977	ug/L	96
48) 2-Hexanone	9.427	43	242694	99.055	ug/L	98
49) Dibromochloromethane	9.519	129	77833	49.912	ug/L	99
50) 1,2-Dibromoethane	9.610	107	87288	50.900	ug/L	100
51) Chlorobenzene	10.079	112	206355	50.022	ug/L	97
52) Ethylbenzene	10.195	91	378635	50.713	ug/L	99
53) m,p-Xylene	10.299	106	139934	50.127	ug/L	97
54) o-Xylene	10.640	106	133192	49.724	ug/L	93
55) Styrene	10.653	104	231009	50.403	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	143396	51.332	ug/L	98
59) Bromoform	10.799	173	53244	45.215	ug/L	99
60) Isopropylbenzene	10.963	105	368586	50.343	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	111572	50.832	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	313247	50.678	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	309306	51.032	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	154783	49.392	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	156530	49.293	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	147785	49.300	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	35140	51.298	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	103521	49.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	95857	49.064	ug/L	98
71) Naphthalene	13.774	128	336948	50.288	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	94068	49.726	ug/L	99

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

Quant Time: Dec 16 21:13:36 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

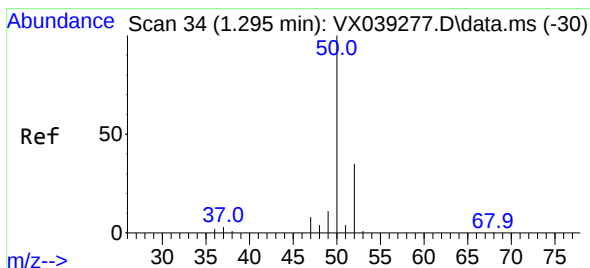
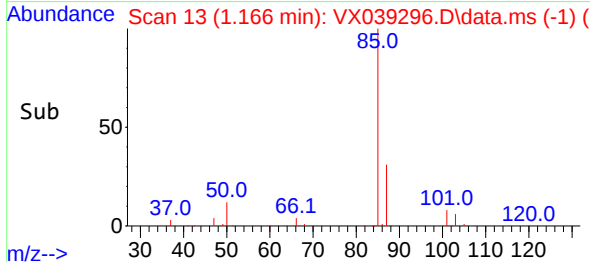
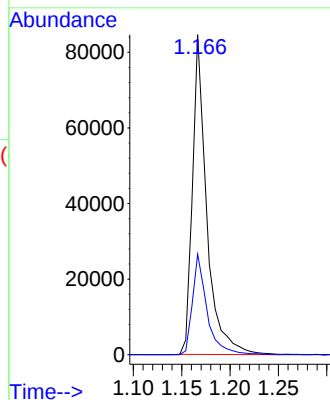
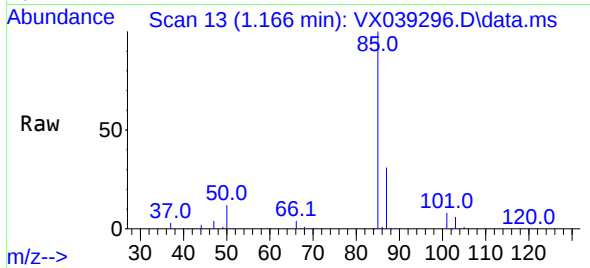




#2
Dichlorodifluoromethane
Concen: 52.329 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

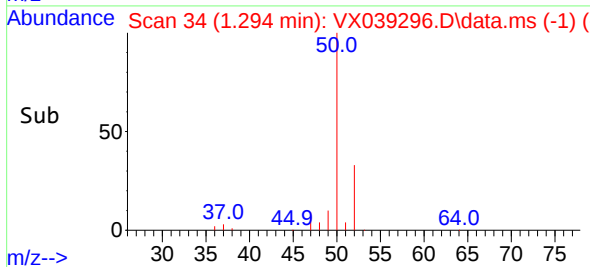
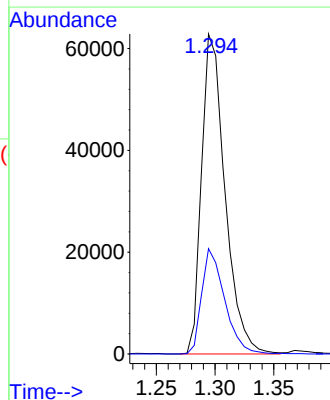
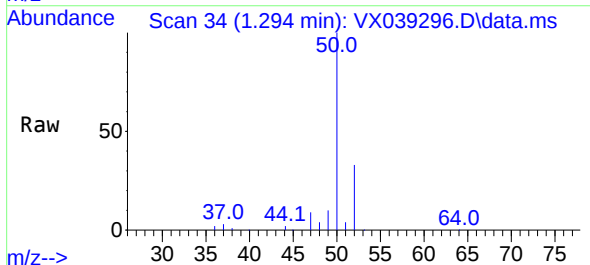
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 85 Resp: 86623
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4

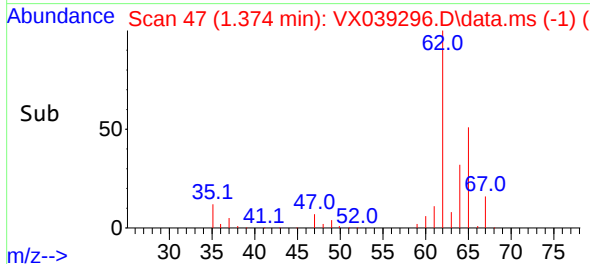
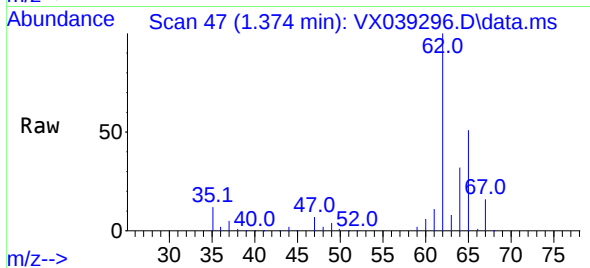
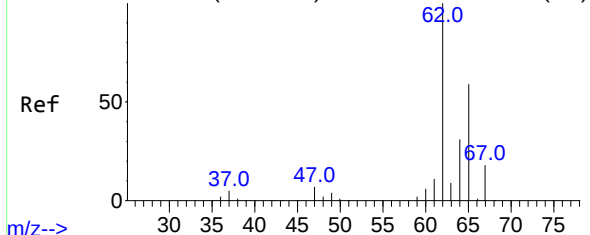


#3
Chloromethane
Concen: 50.494 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 50 Resp: 87365
Ion Ratio Lower Upper
50 100
52 32.9 22.4 41.6



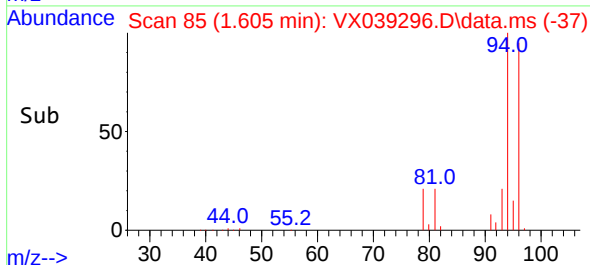
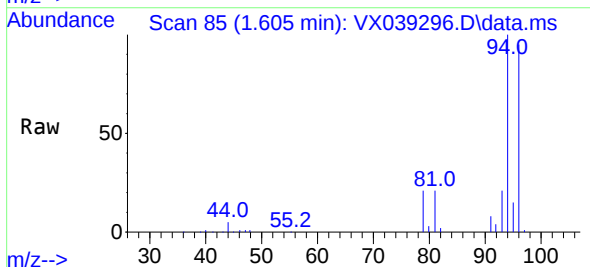
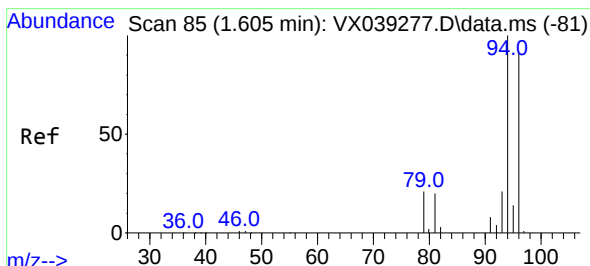
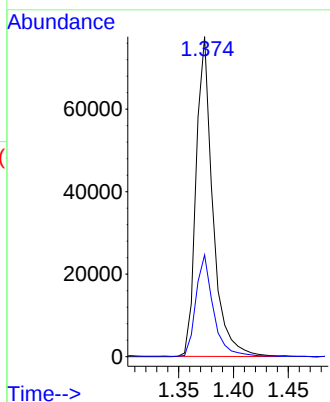
Abundance Scan 47 (1.374 min): VX039277.D\data.ms (-43)



#5
Vinyl chloride
Concen: 48.184 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

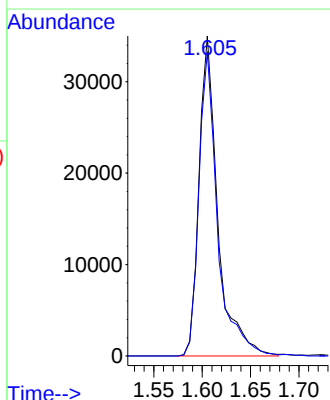
Instrument :
MSVOA_X
ClientSampleId :

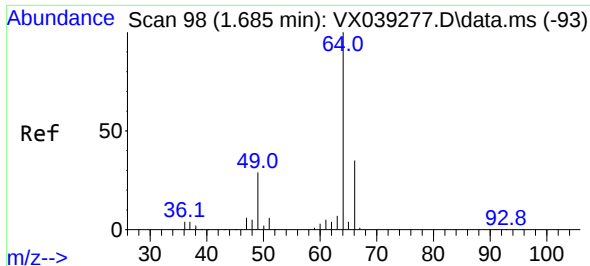
Tgt Ion: 62 Resp: 82167
Ion Ratio Lower Upper
62 100
64 31.8 22.3 41.3



#6
Bromomethane
Concen: 51.530 ug/L
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 94 Resp: 47430
Ion Ratio Lower Upper
94 100
96 95.1 65.8 122.2

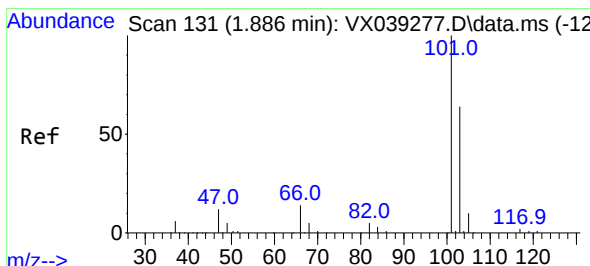
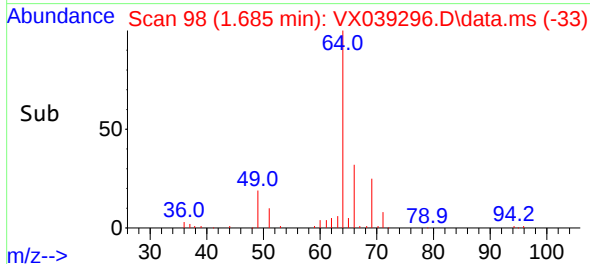
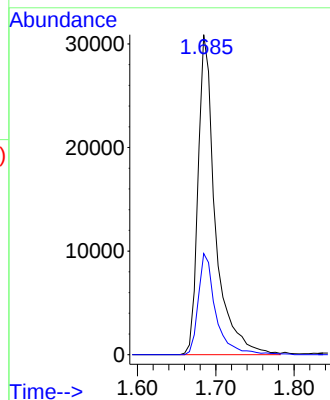
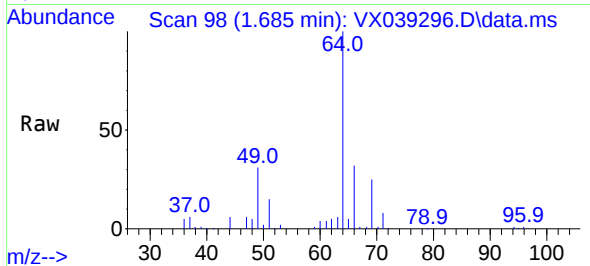




#8
Chloroethane
Concen: 49.120 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

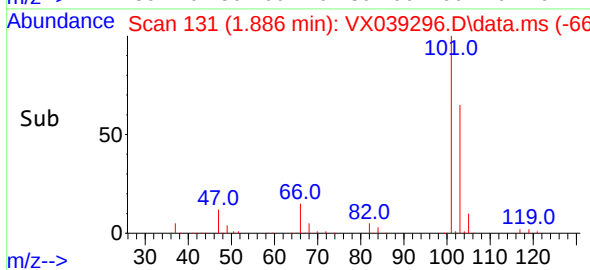
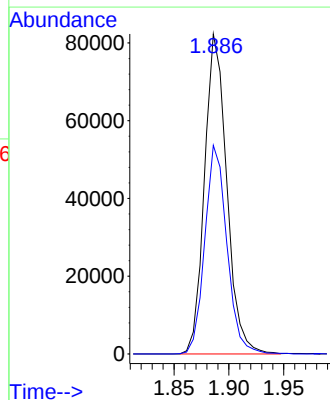
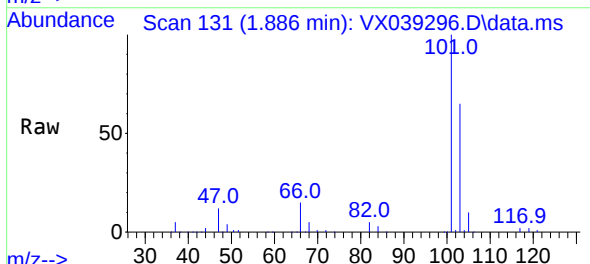
Instrument :
MSVOA_X
ClientSampleId :

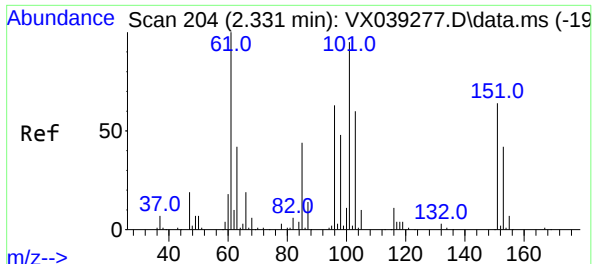
Tgt Ion: 64 Resp: 47355
Ion Ratio Lower Upper
64 100
66 31.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 52.650 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion:101 Resp: 116360
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

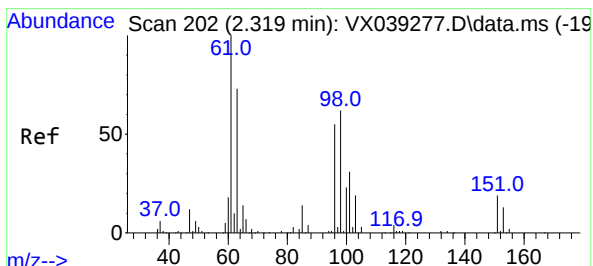
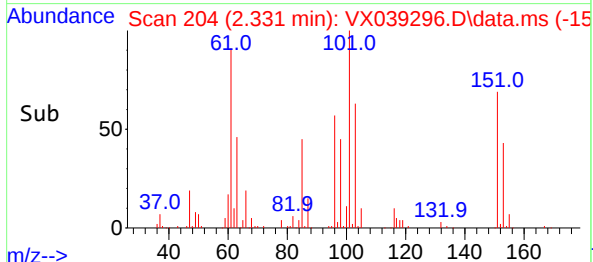
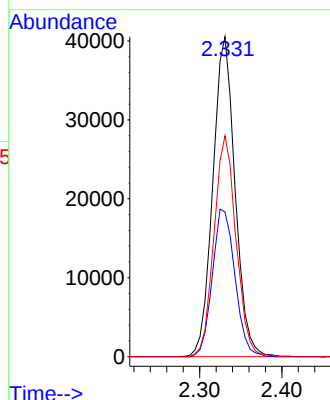
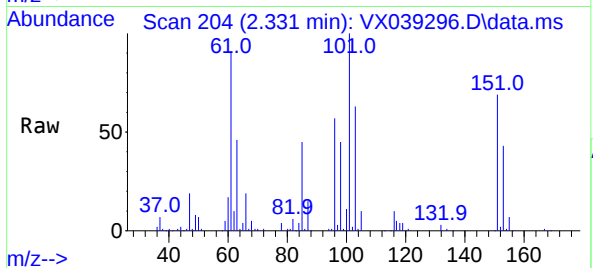




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.635 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

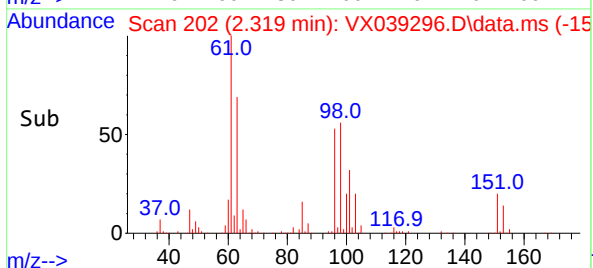
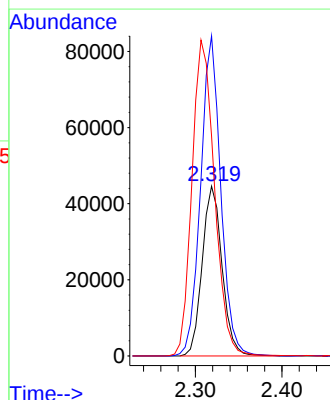
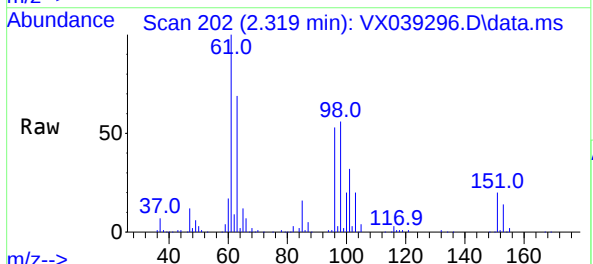
Instrument :
MSVOA_X
ClientSampleId :

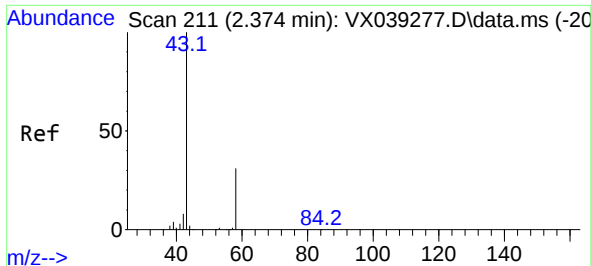
Tgt Ion:101 Resp: 76248
Ion Ratio Lower Upper
101 100
85 46.7 35.8 53.6
151 68.5 55.4 83.2



#12
1,1-Dichloroethene
Concen: 53.168 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

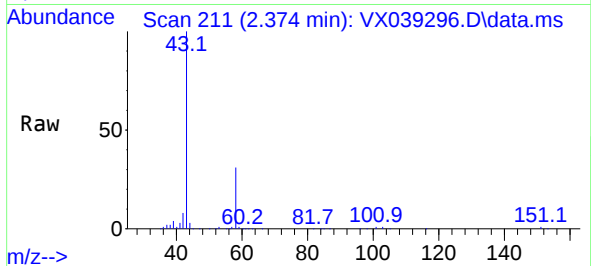
Tgt Ion: 96 Resp: 71097
Ion Ratio Lower Upper
96 100
61 188.6 128.0 237.6
63 129.6 101.5 188.5



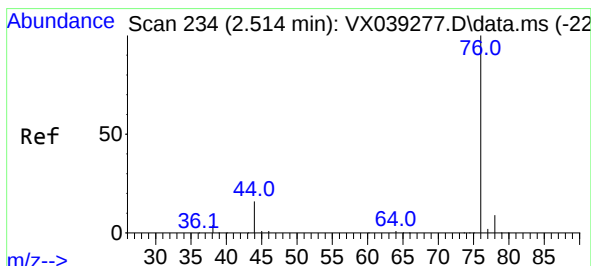
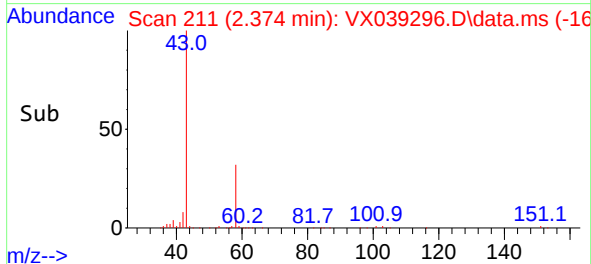
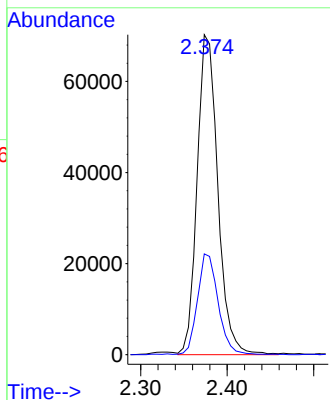


#13
Acetone
Concen: 82.463 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :

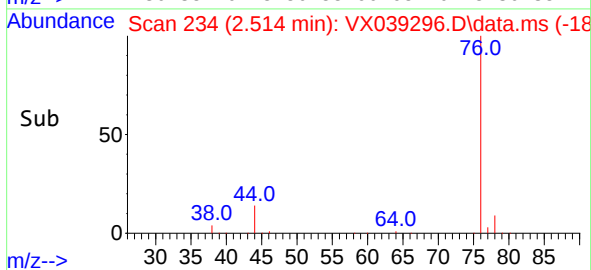
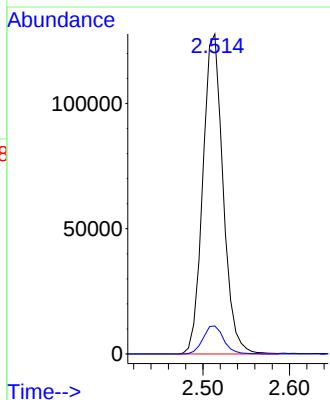
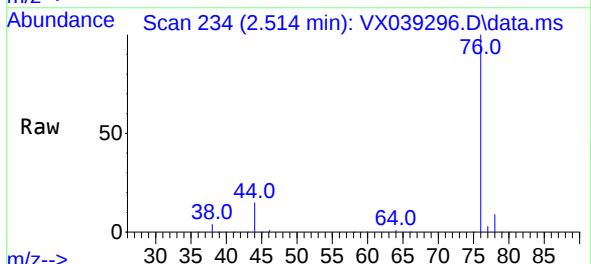


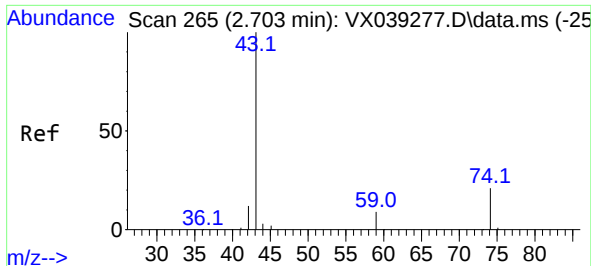
Tgt Ion: 43 Resp: 116750
Ion Ratio Lower Upper
43 100
58 31.4 0.0 65.8



#14
Carbon disulfide
Concen: 48.693 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 76 Resp: 207198
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

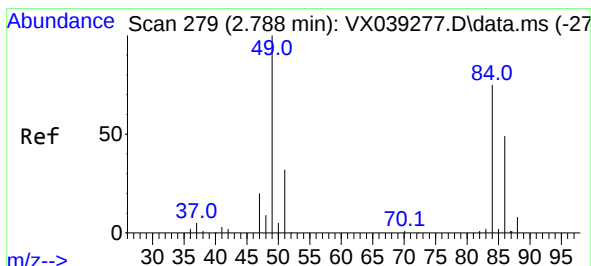
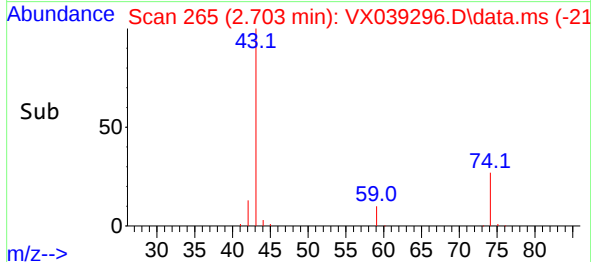
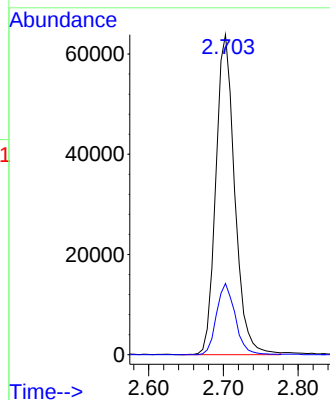
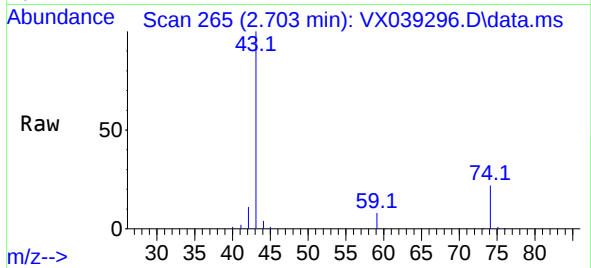




#15
Methyl Acetate
Concen: 55.407 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

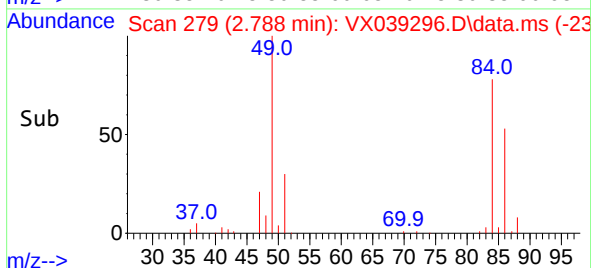
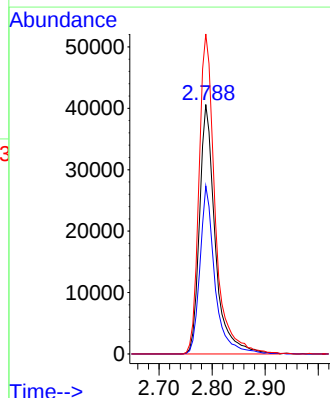
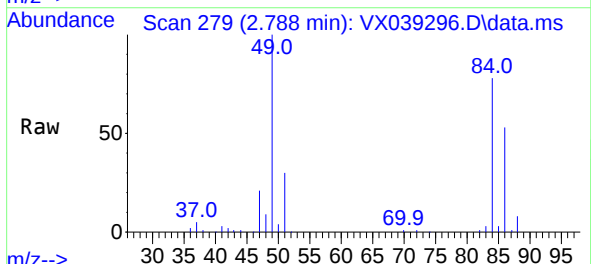
Instrument :
MSVOA_X
ClientSampleId :

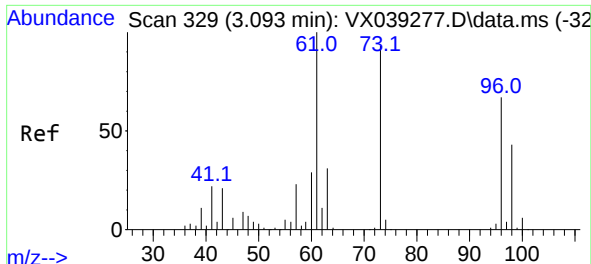
Tgt Ion: 43 Resp: 112125
Ion Ratio Lower Upper
43 100
74 22.0 18.2 27.4



#16
Methylene chloride
Concen: 54.538 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

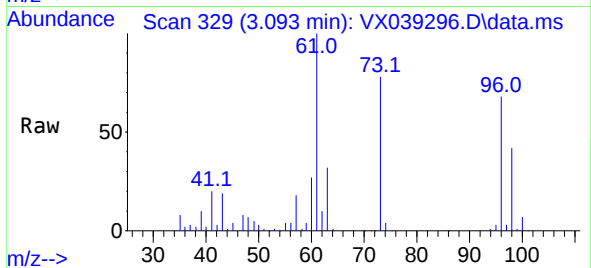
Tgt Ion: 84 Resp: 83790
Ion Ratio Lower Upper
84 100
86 67.4 44.7 82.9
49 128.3 90.9 168.7



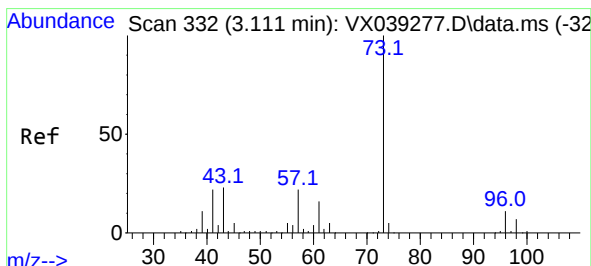
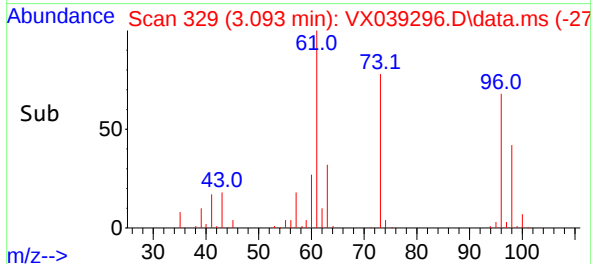
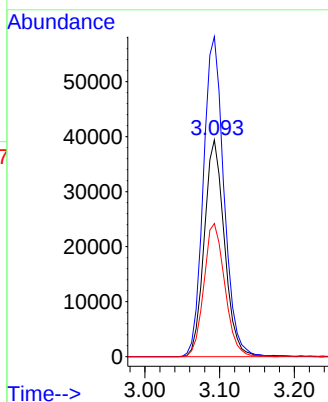


#17
trans-1,2-Dichloroethene
Concen: 52.453 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :

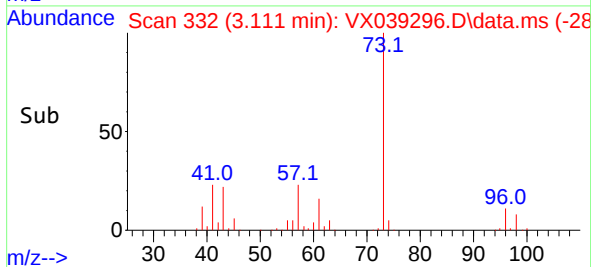
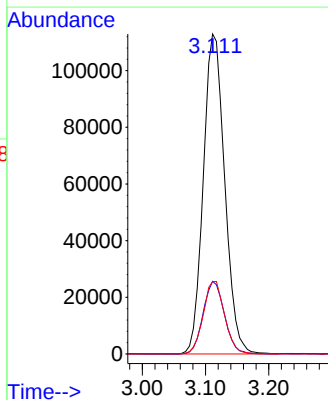
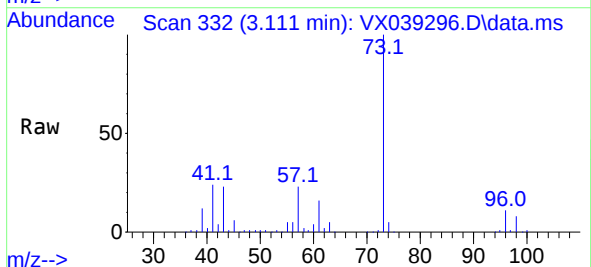


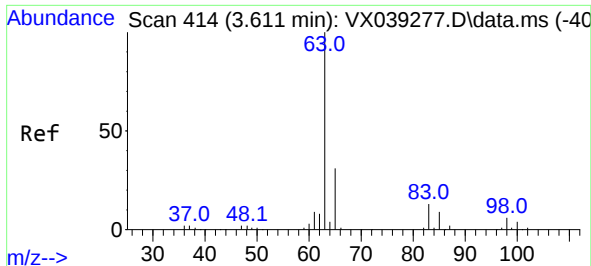
Tgt Ion: 96 Resp: 73903
Ion Ratio Lower Upper
96 100
61 147.6 99.8 185.3
98 61.4 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 54.232 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 73 Resp: 265966
Ion Ratio Lower Upper
73 100
43 22.5 16.9 25.3
57 22.5 18.5 27.7





#19

1,1-Dichloroethane

Concen: 53.620 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

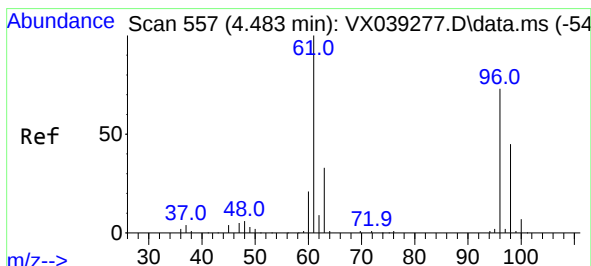
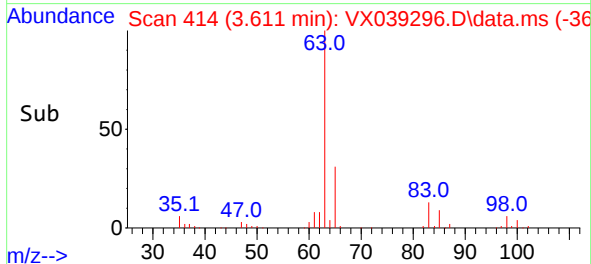
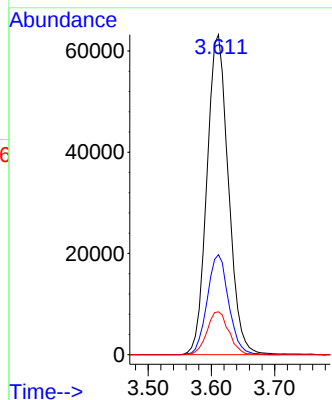
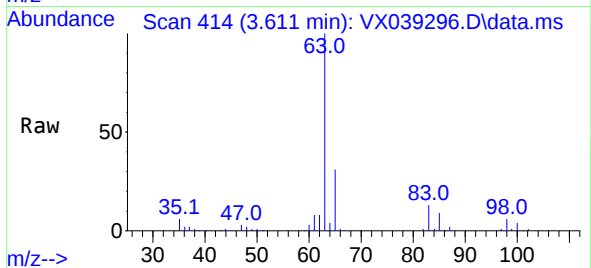
Tgt Ion: 63 Resp: 149379

Ion Ratio Lower Upper

63 100

65 31.2 21.1 39.3

83 13.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 52.212 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

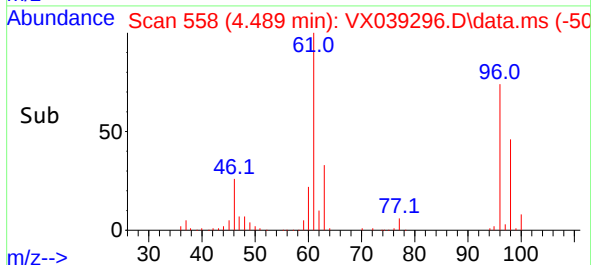
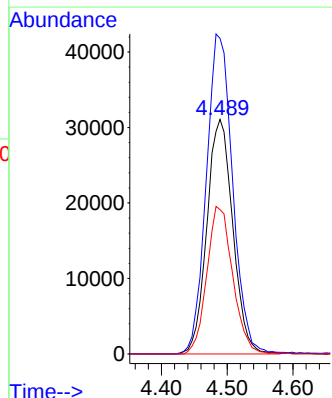
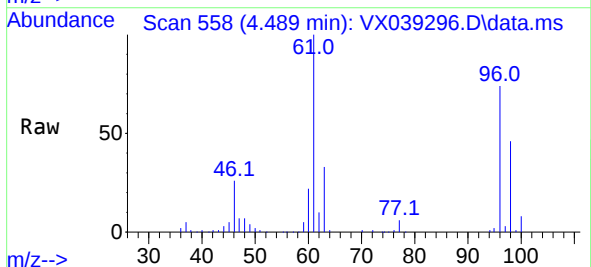
Tgt Ion: 96 Resp: 85326

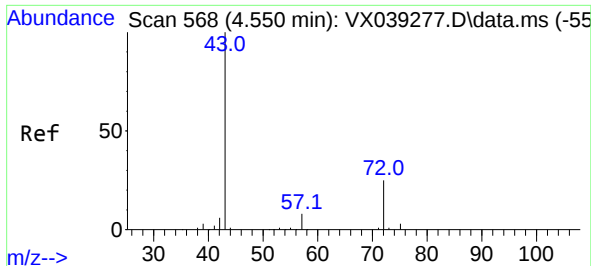
Ion Ratio Lower Upper

96 100

61 134.6 91.7 170.3

98 61.6 44.2 82.2

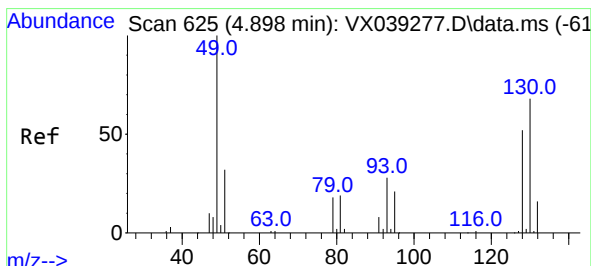
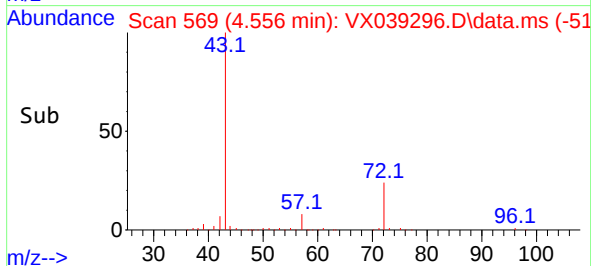
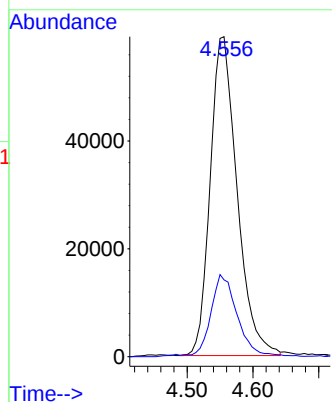
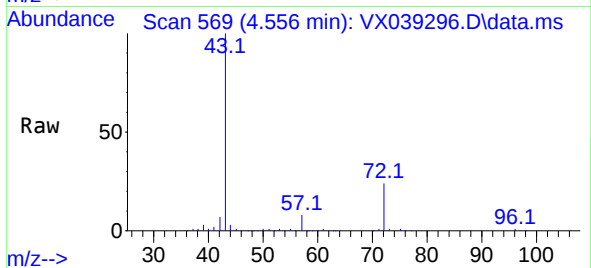




#22
2-Butanone
Concen: 96.793 ug/L
RT: 4.556 min Scan# 509
Delta R.T. 0.012 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

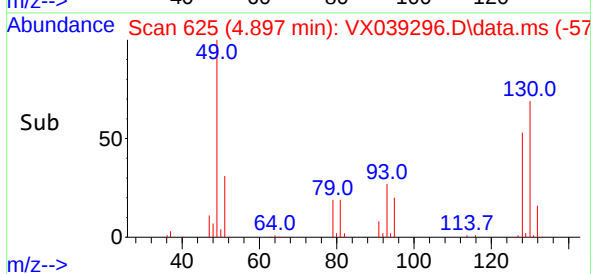
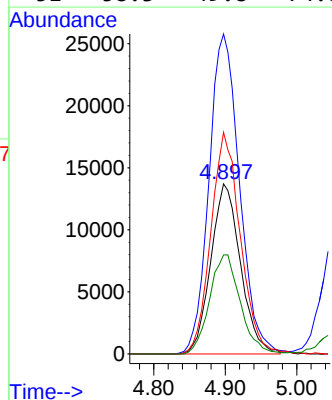
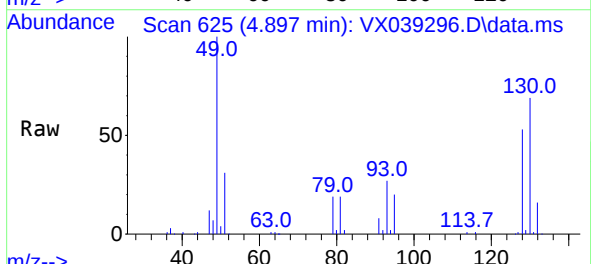
Instrument :
MSVOA_X
ClientSampleId :

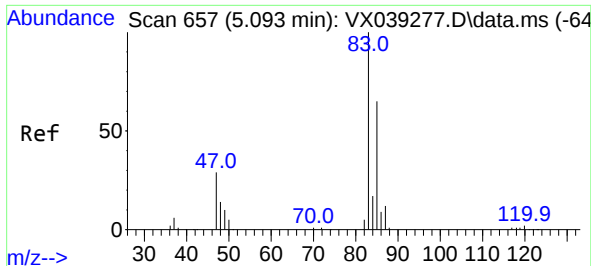
Tgt Ion: 43 Resp: 168181
Ion Ratio Lower Upper
43 100
72 24.1 12.6 37.6



#23
Bromochloromethane
Concen: 51.516 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion:128 Resp: 39575
Ion Ratio Lower Upper
128 100
49 188.1 130.8 243.0
130 130.3 90.6 168.3
51 58.3 49.8 74.8





#25

Chloroform

Concen: 54.021 ug/L

RT: 5.093 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

Instrument :

MSVOA_X

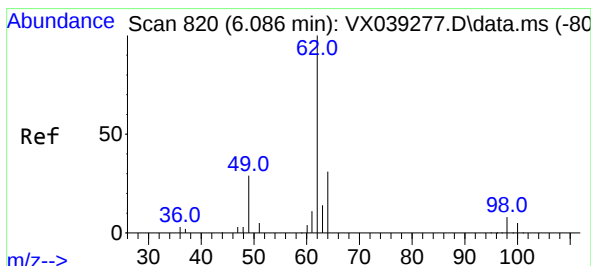
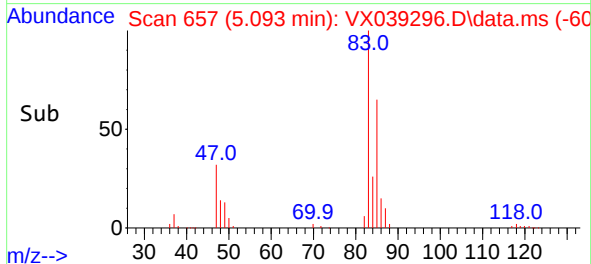
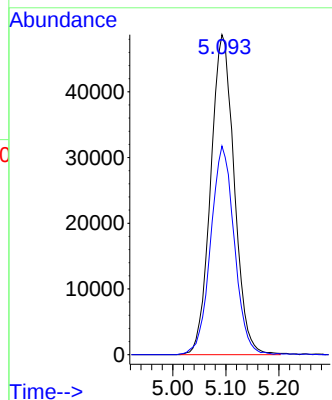
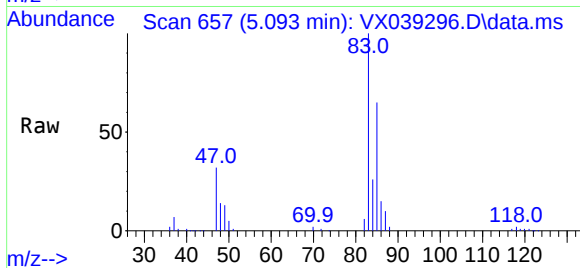
ClientSampleId :

Tgt Ion: 83 Resp: 150110

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 58.202 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX039296.D

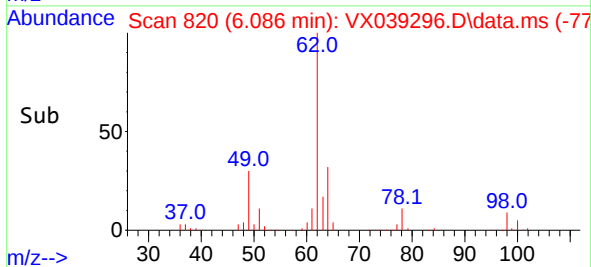
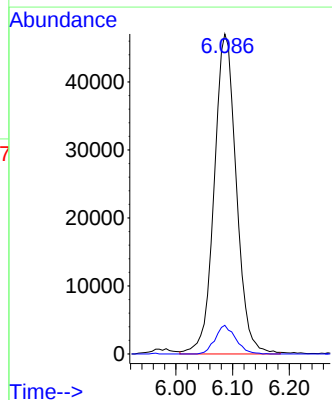
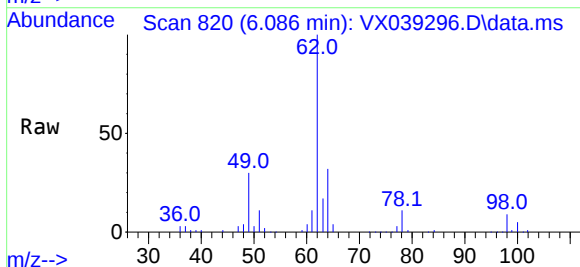
Acq: 16 Dec 2023 17:25

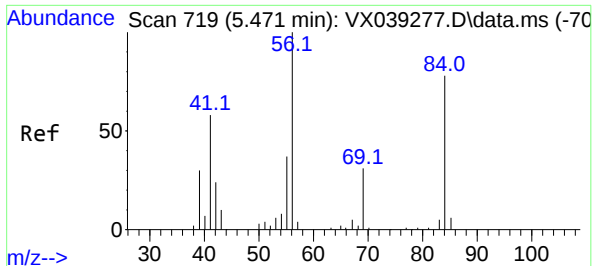
Tgt Ion: 62 Resp: 127644

Ion Ratio Lower Upper

62 100

98 9.0 8.0 12.0





#29

Cyclohexane

Concen: 49.885 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

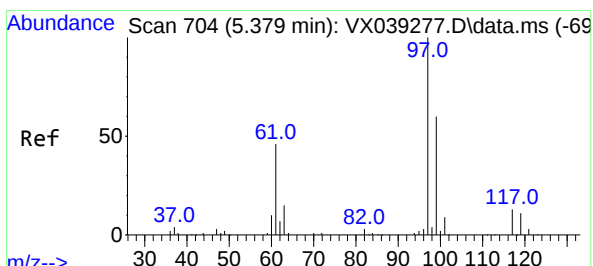
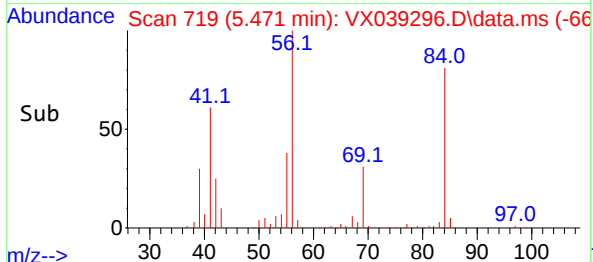
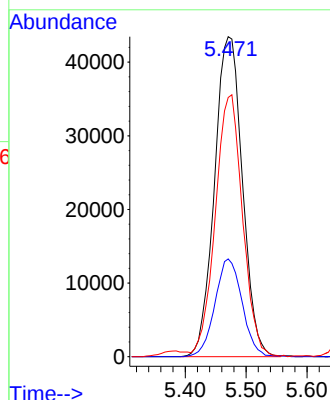
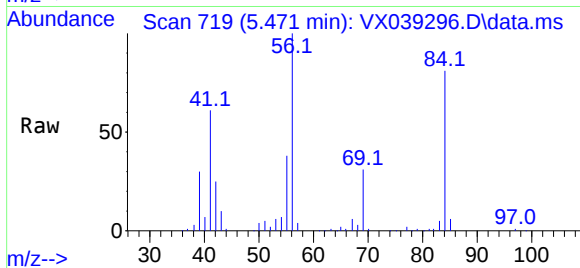
Tgt Ion: 56 Resp: 138297

Ion Ratio Lower Upper

56 100

69 29.6 24.5 36.7

84 79.6 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 52.238 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

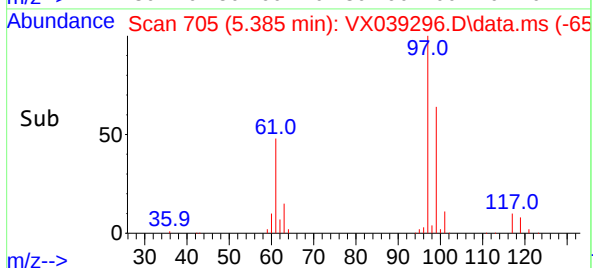
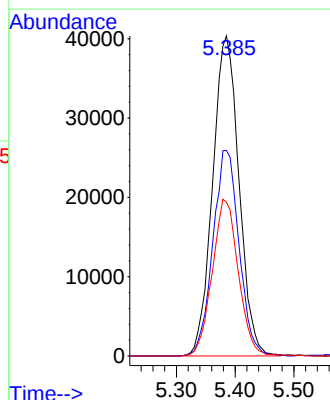
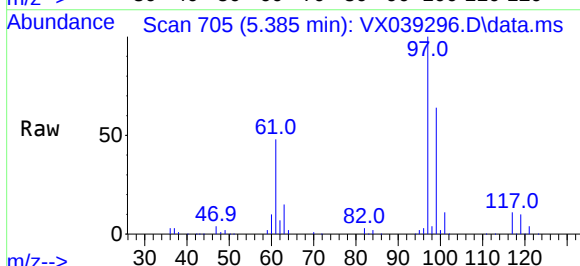
Tgt Ion: 97 Resp: 125610

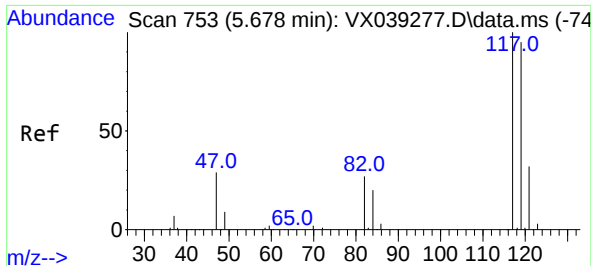
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

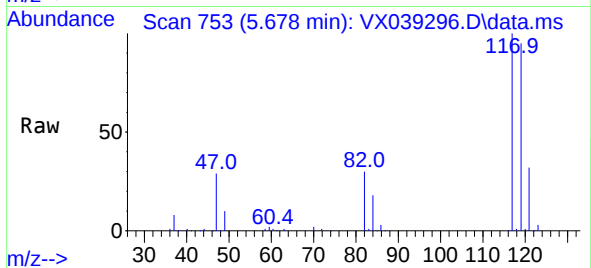
61 48.3 36.7 55.1



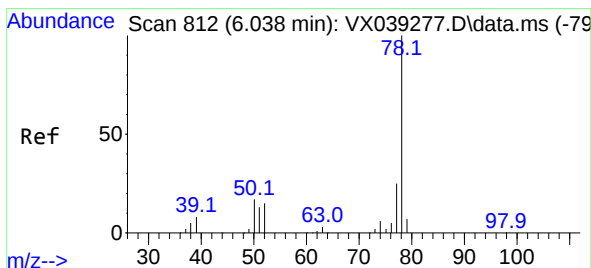
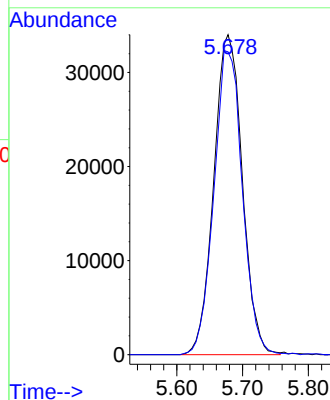
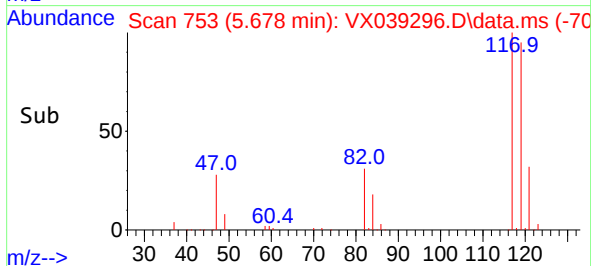


#31
Carbon tetrachloride
Concen: 51.174 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :

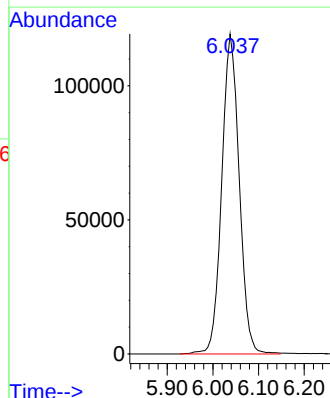
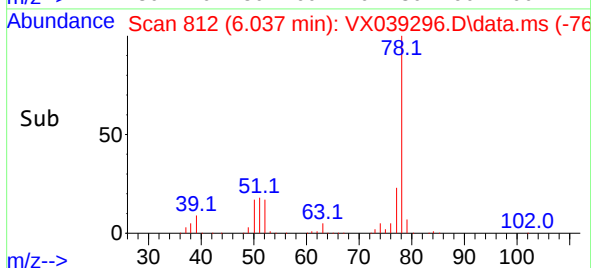
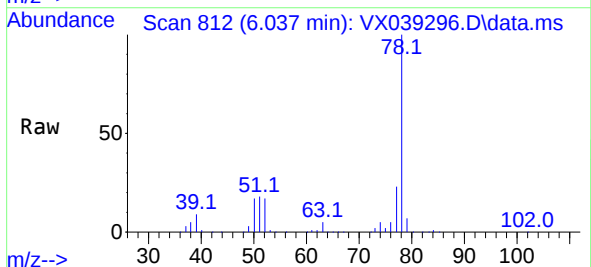


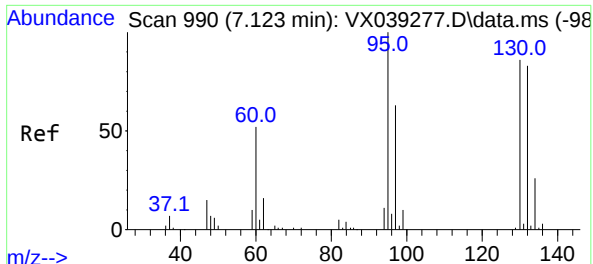
Tgt Ion:117 Resp: 102663
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4



#33
Benzene
Concen: 50.318 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

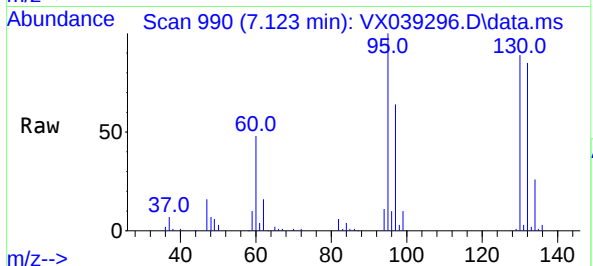
Tgt Ion: 78 Resp: 316904





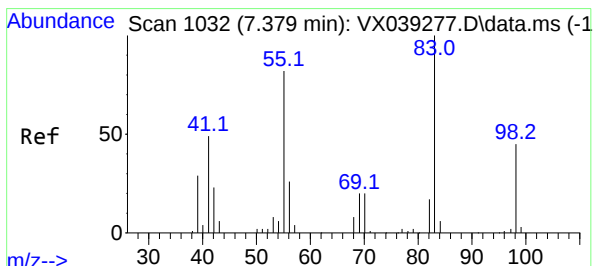
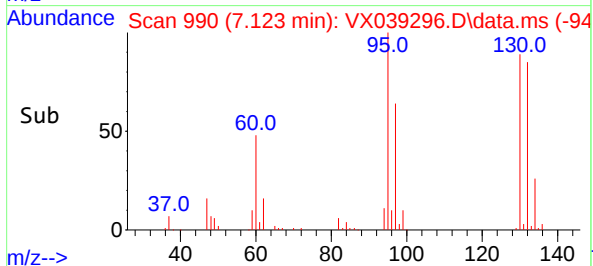
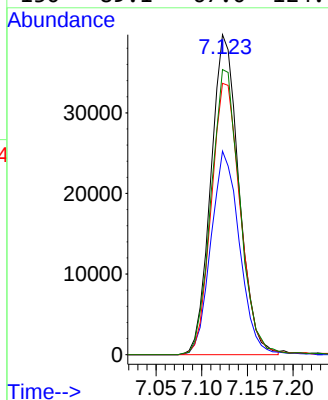
#34
Trichloroethene
Concen: 50.945 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 84793

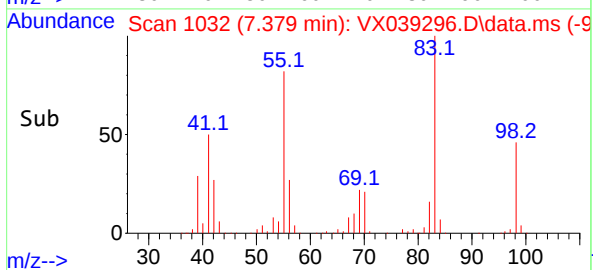
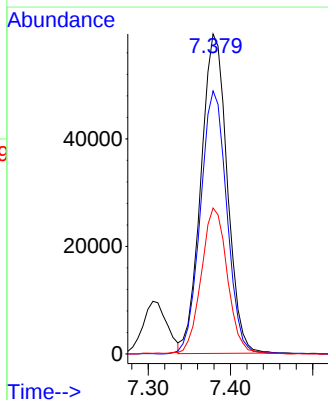
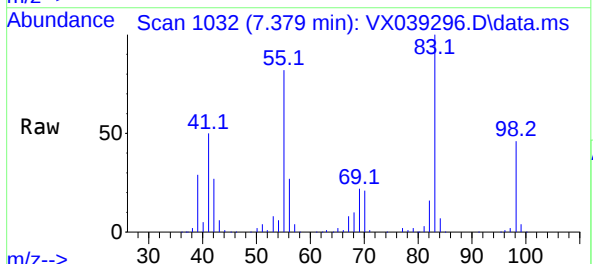
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.5	84.5
132	84.8	62.2	115.4
130	89.1	67.0	124.4

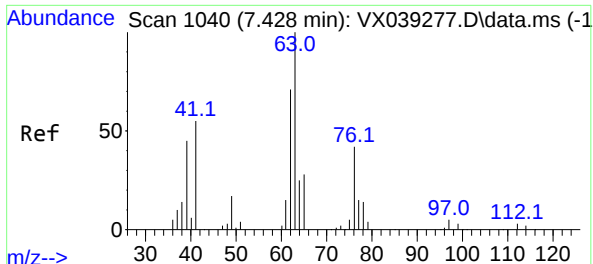


#35
Methylcyclohexane
Concen: 47.598 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 83 Resp: 131942

Ion	Ratio	Lower	Upper
83	100		
55	82.7	62.5	93.7
98	45.5	36.1	54.1

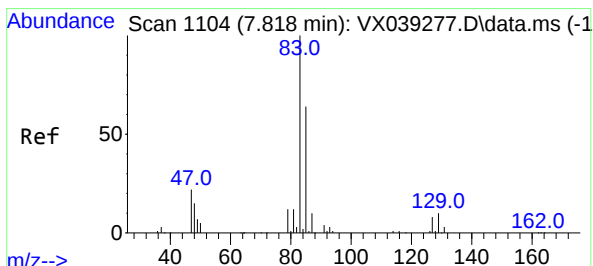
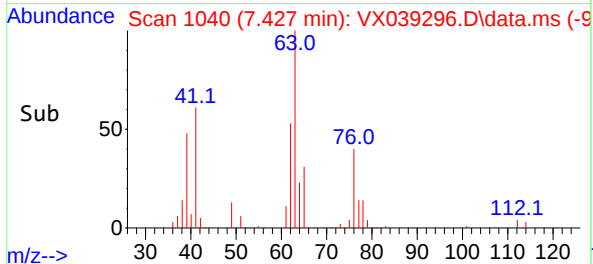
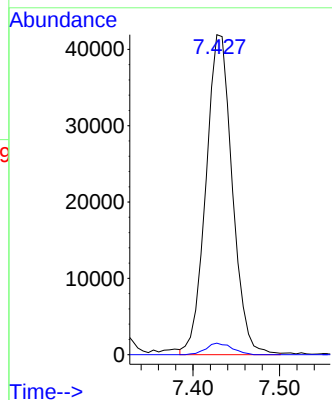
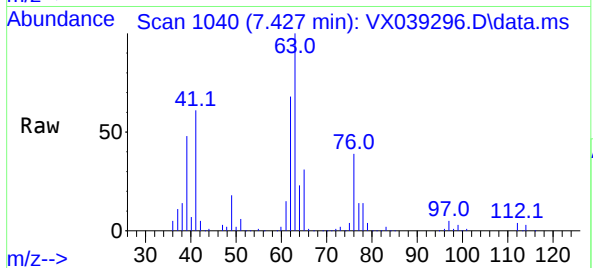




#37
1,2-Dichloropropane
Concen: 50.857 ug/L
RT: 7.427 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

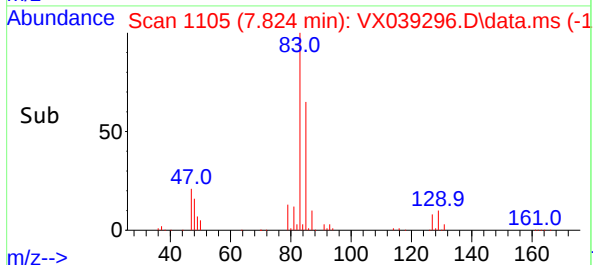
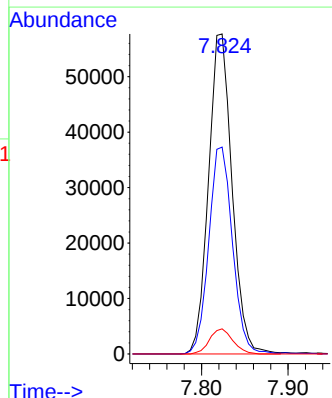
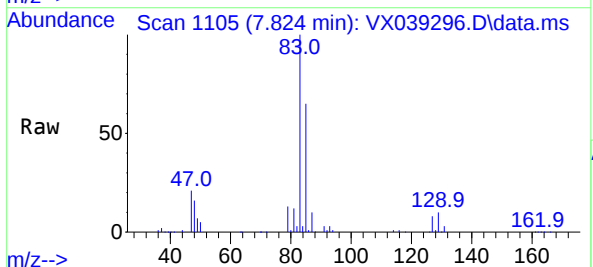
Instrument :
MSVOA_X
ClientSampleId :

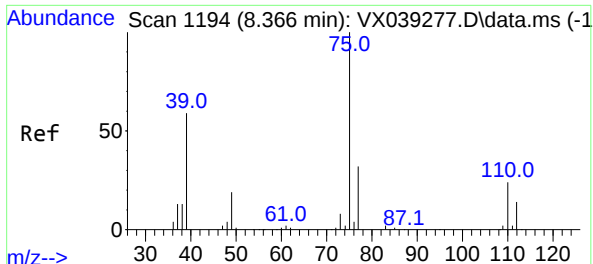
Tgt Ion: 63 Resp: 88831
Ion Ratio Lower Upper
63 100
112 3.6 2.8 4.2



#38
Bromodichloromethane
Concen: 51.273 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 83 Resp: 108927
Ion Ratio Lower Upper
83 100
85 64.6 43.3 80.5
127 7.9 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 48.305 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

Instrument :

MSVOA_X

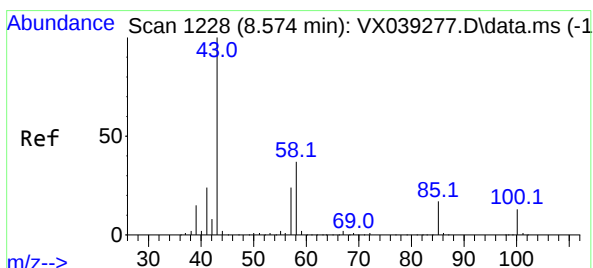
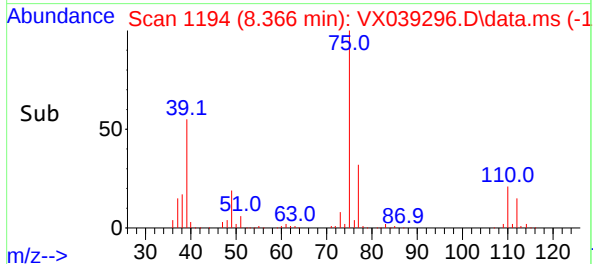
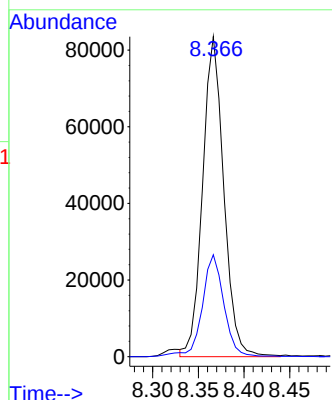
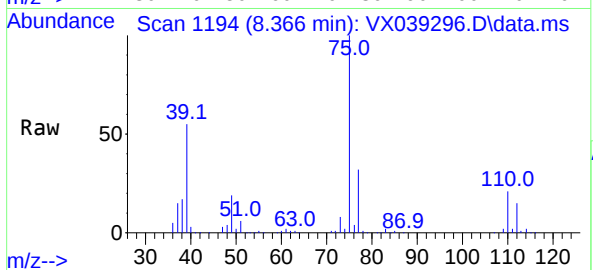
ClientSampleId :

Tgt Ion: 75 Resp: 134568

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 104.537 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

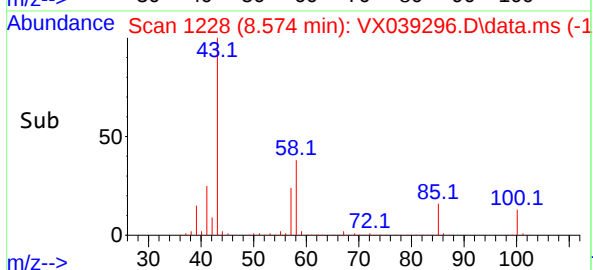
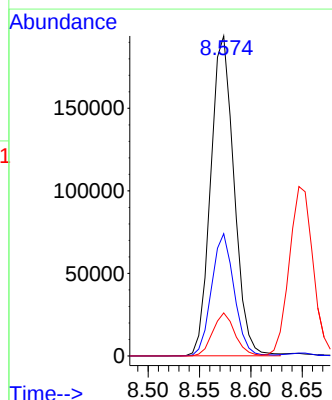
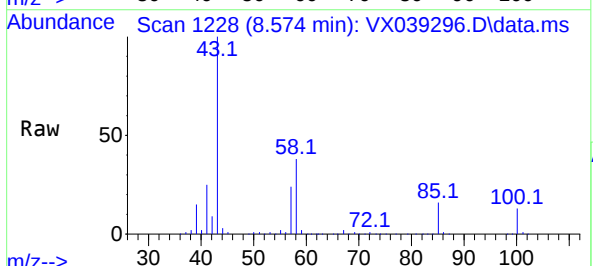
Tgt Ion: 43 Resp: 306018

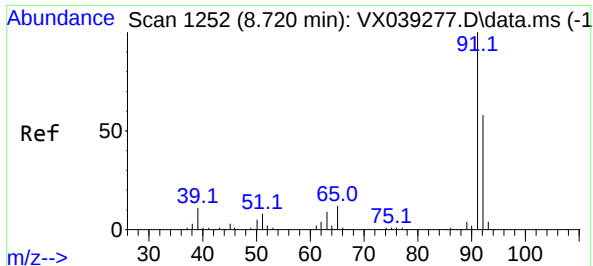
Ion Ratio Lower Upper

43 100

58 37.1 30.9 46.3

100 12.8 10.6 16.0

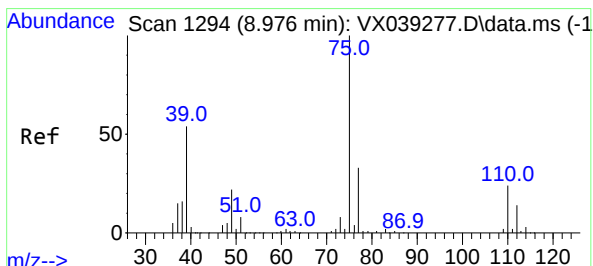
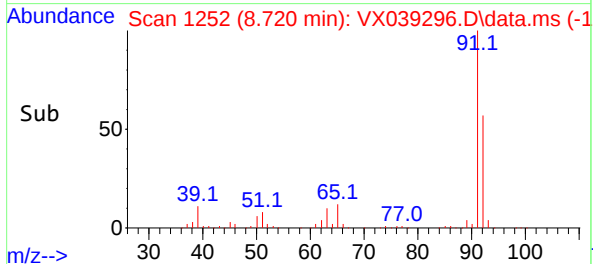
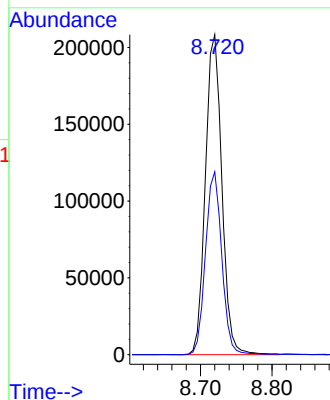
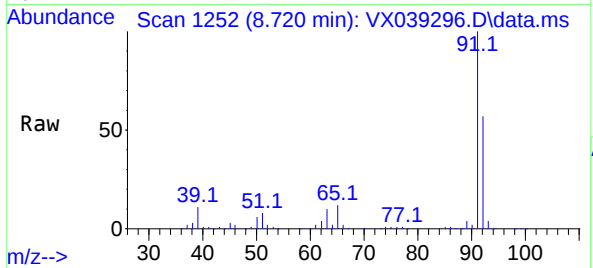




#42
Toluene
Concen: 50.052 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

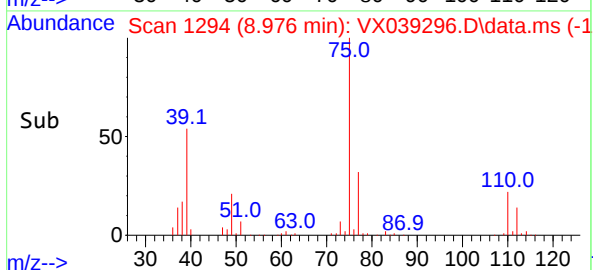
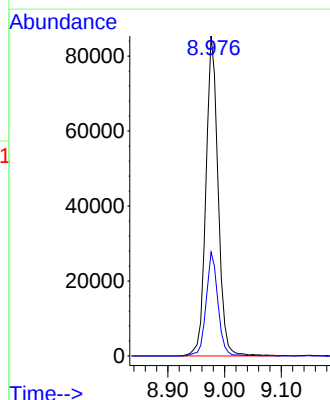
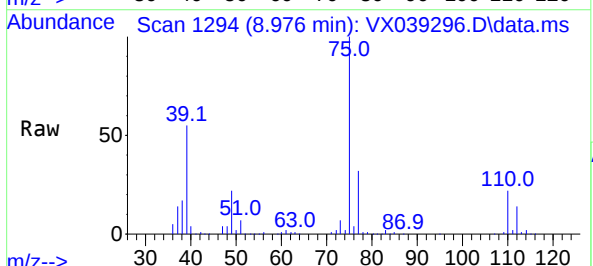
Instrument :
MSVOA_X
ClientSampleId :

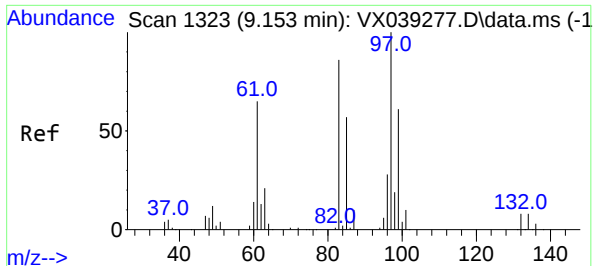
Tgt Ion: 91 Resp: 334277
Ion Ratio Lower Upper
91 100
92 57.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 49.404 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 75 Resp: 127720
Ion Ratio Lower Upper
75 100
77 32.5 22.0 40.8



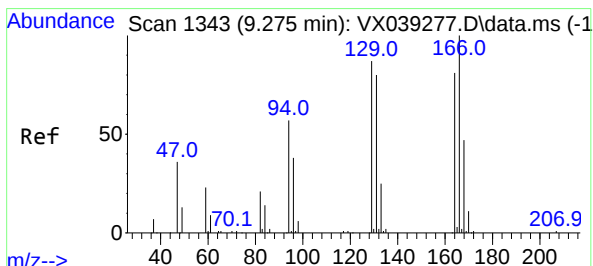
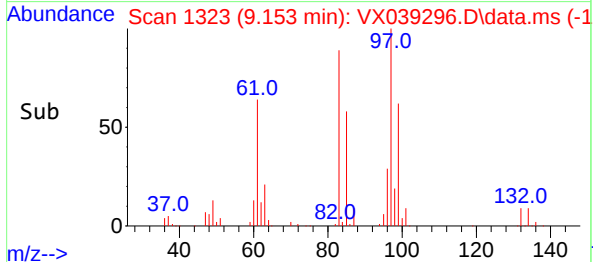
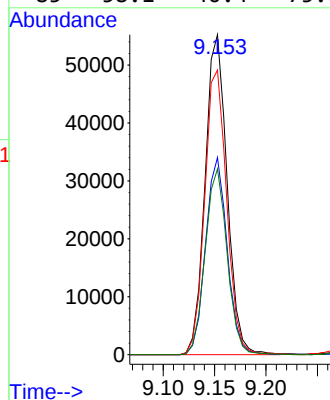
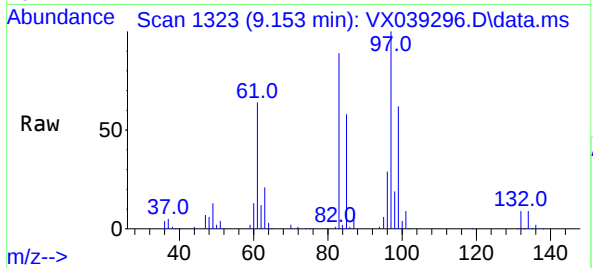


#45
1,1,2-Trichloroethane
Concen: 51.559 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 82530

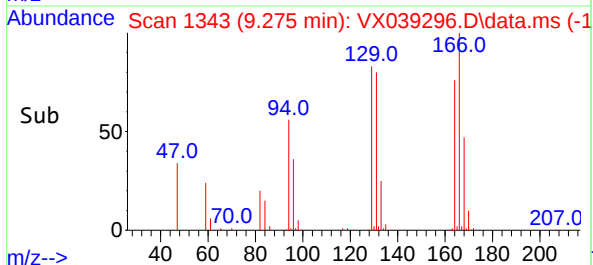
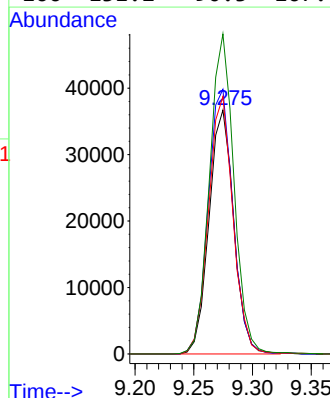
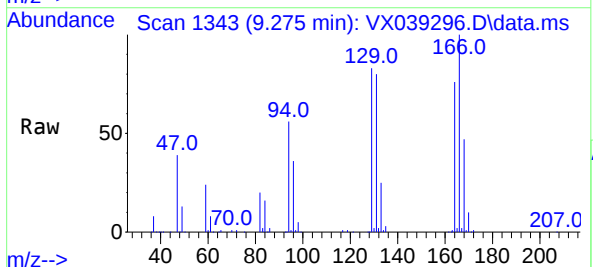
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.1	80.1
83	89.0	64.0	118.8
85	58.1	40.4	75.0

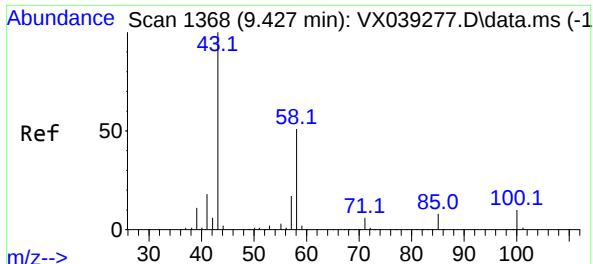


#46
Tetrachloroethene
Concen: 48.977 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 164 Resp: 53775

Ion	Ratio	Lower	Upper
164	100		
129	108.5	71.9	133.5
131	105.5	69.5	129.1
166	131.2	90.3	167.7



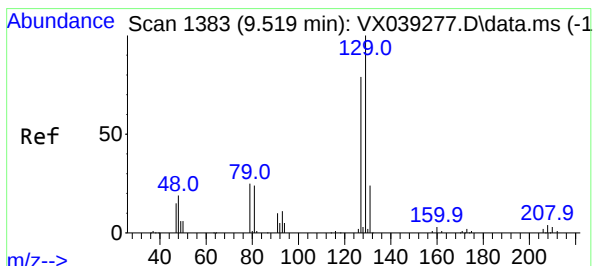
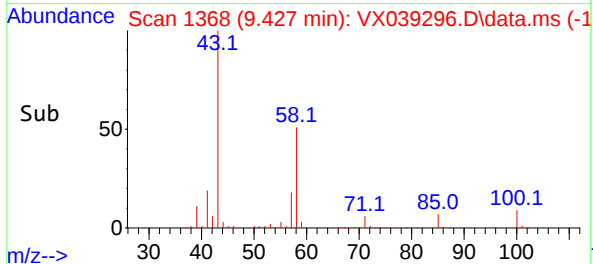
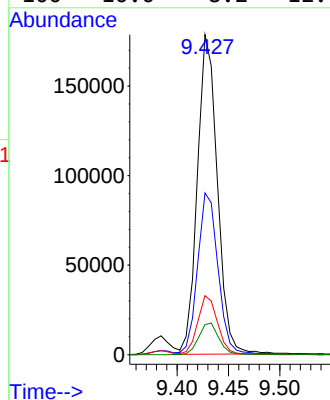
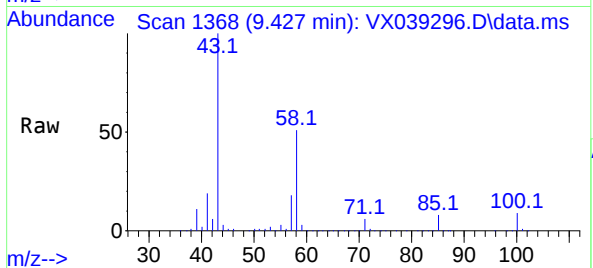


#48
2-Hexanone
Concen: 99.055 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 242694

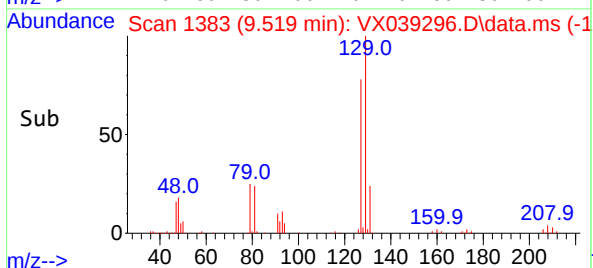
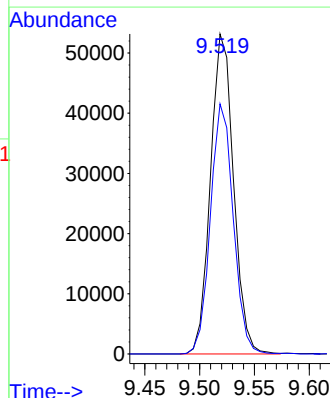
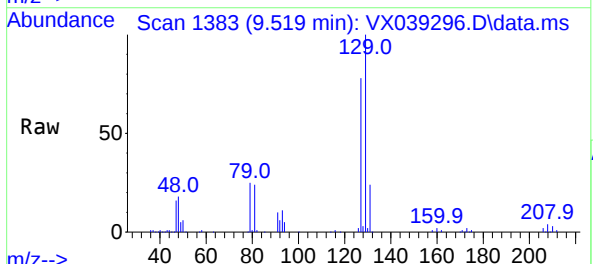
Ion	Ratio	Lower	Upper
43	100		
58	52.1	43.0	64.6
57	18.5	14.6	21.8
100	10.0	8.2	12.4

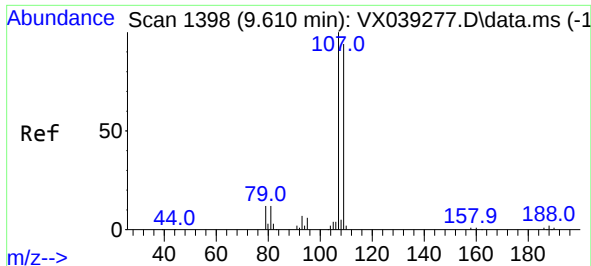


#49
Dibromochloromethane
Concen: 49.912 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 129 Resp: 77833

Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.2	102.4





#50

1,2-Dibromoethane

Concen: 50.900 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX039296.D

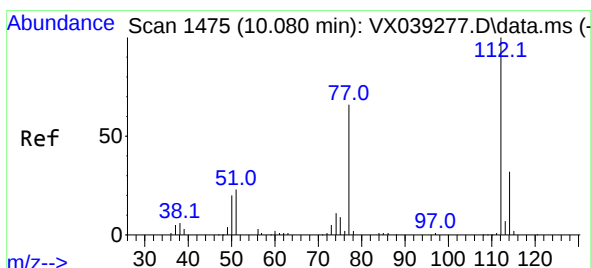
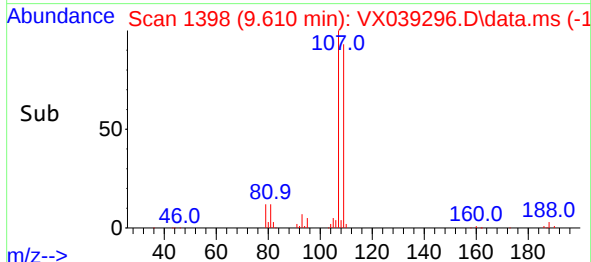
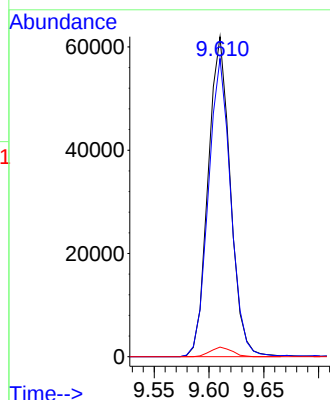
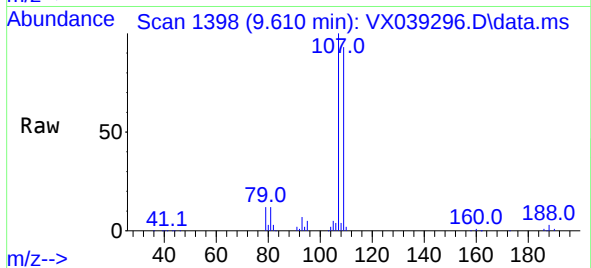
Acq: 16 Dec 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	87288
Ion Ratio	Lower	Upper
107	100	
109	93.2	65.2 121.0
188	3.0	2.5 3.7



#51

Chlorobenzene

Concen: 50.022 ug/L

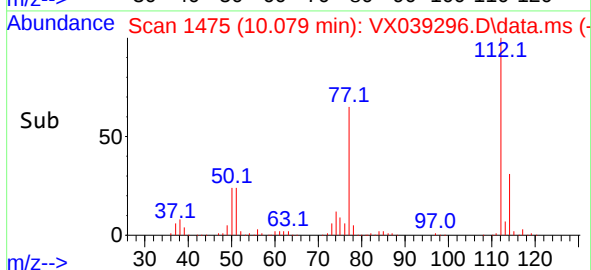
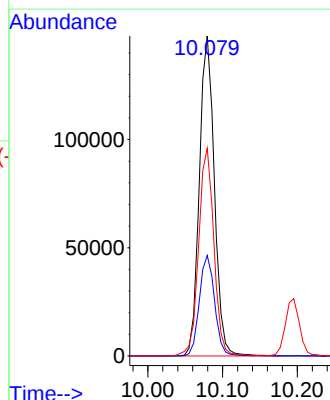
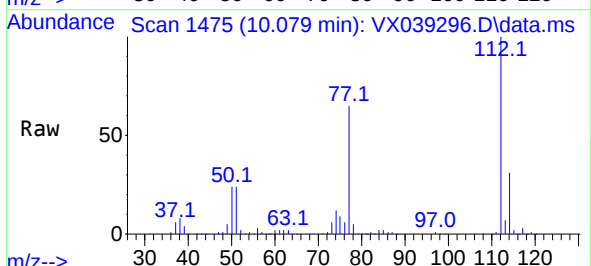
RT: 10.079 min Scan# 1475

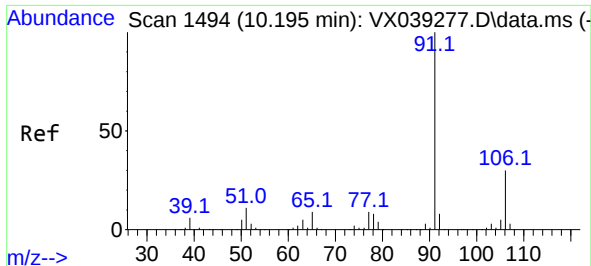
Delta R.T. 0.006 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

Tgt Ion:112	Resp:	206355
Ion Ratio	Lower	Upper
112	100	
114	31.4	21.8 40.4
77	65.0	49.0 73.6

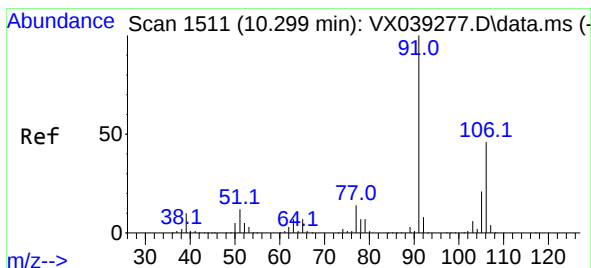
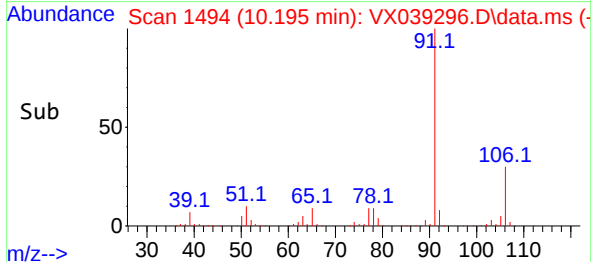
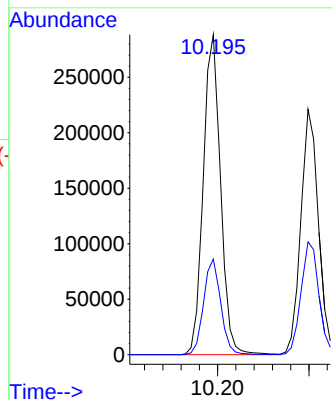
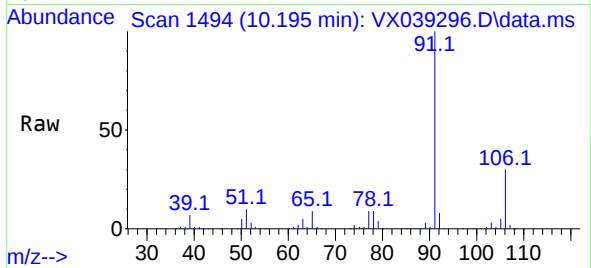




#52
Ethylbenzene
Concen: 50.713 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

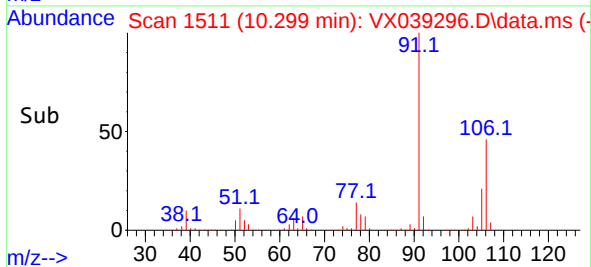
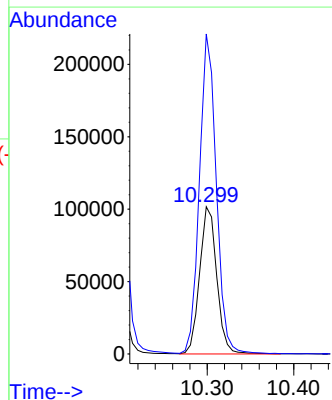
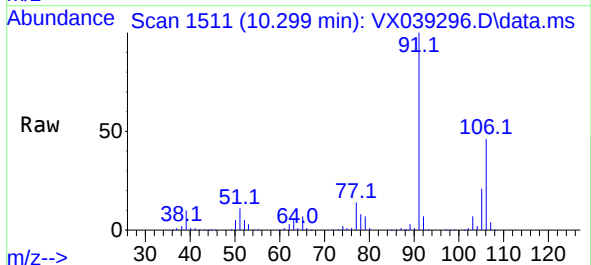
Instrument :
MSVOA_X
ClientSampleId :

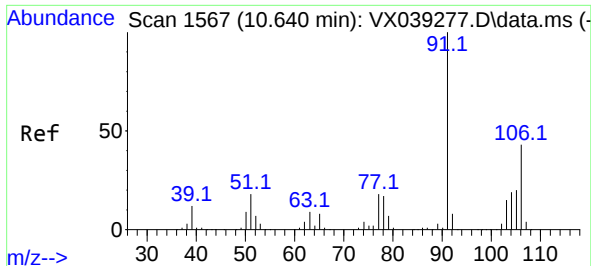
Tgt Ion: 91 Resp: 378635
Ion Ratio Lower Upper
91 100
106 29.9 21.2 39.4



#53
m,p-Xylene
Concen: 50.127 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion:106 Resp: 139934
Ion Ratio Lower Upper
106 100
91 217.5 149.0 276.8

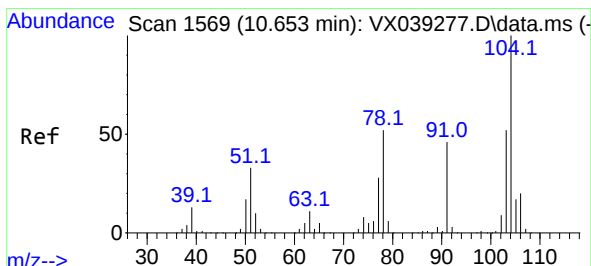
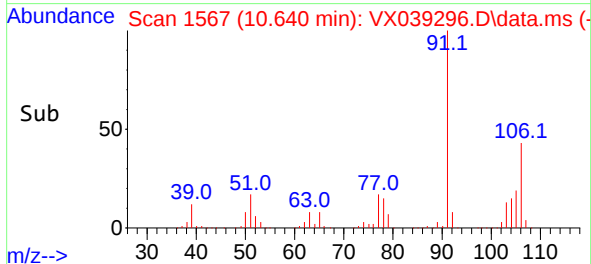
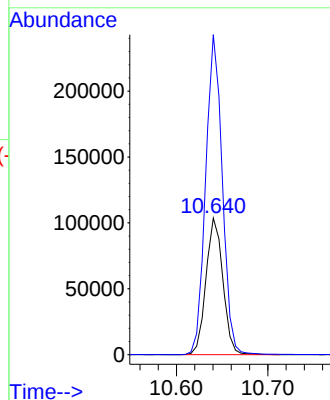
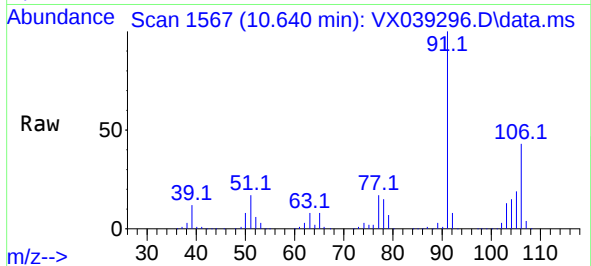




#54
o-Xylene
Concen: 49.724 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

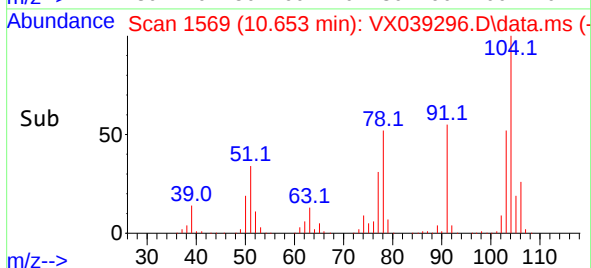
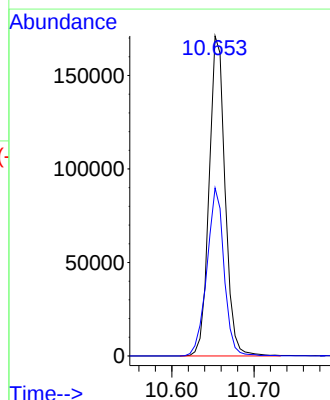
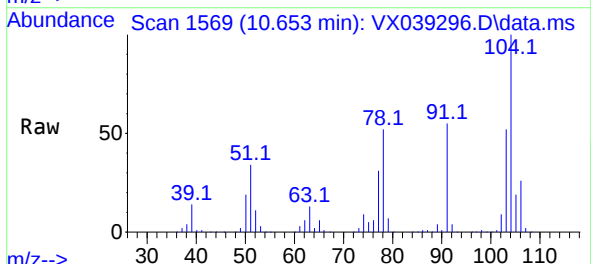
Instrument :
MSVOA_X
ClientSampleId :

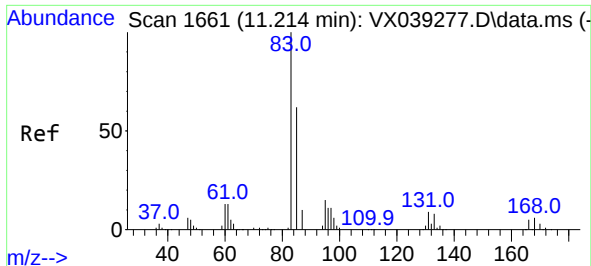
Tgt Ion:106 Resp: 133192
Ion Ratio Lower Upper
106 100
91 234.2 156.2 290.0



#55
Styrene
Concen: 50.403 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion:104 Resp: 231009
Ion Ratio Lower Upper
104 100
78 52.5 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 51.332 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

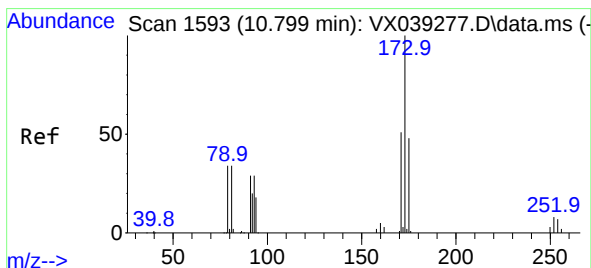
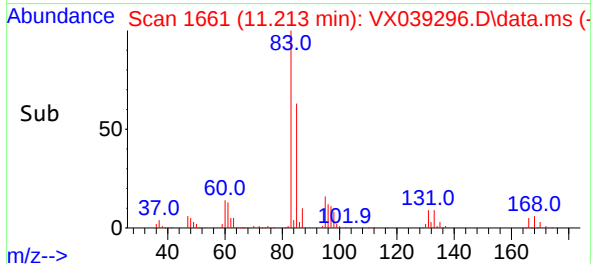
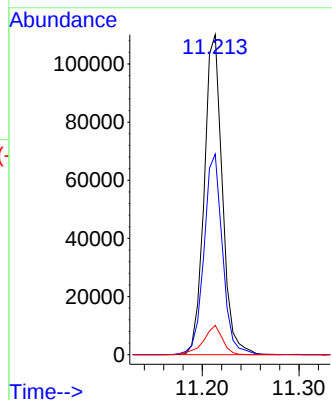
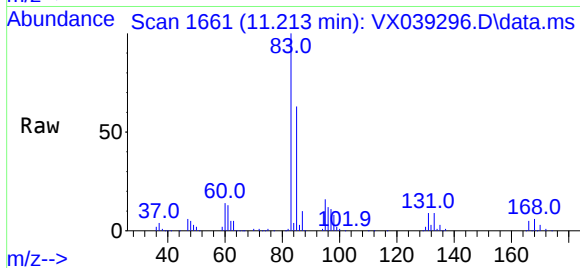
Tgt Ion: 83 Resp: 143396

Ion Ratio Lower Upper

83 100

85 62.7 45.2 84.0

131 9.2 7.2 10.8



#59

Bromoform

Concen: 45.215 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

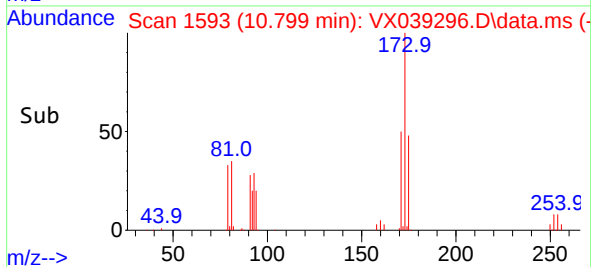
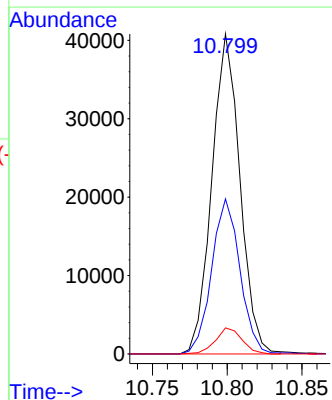
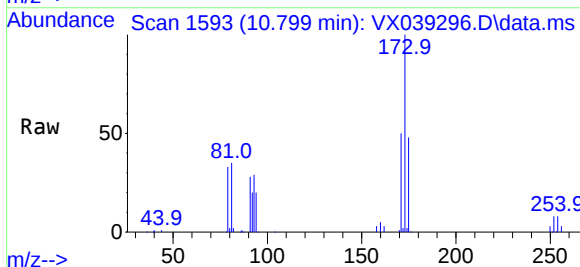
Tgt Ion:173 Resp: 53244

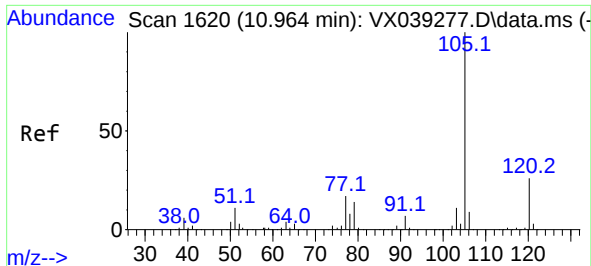
Ion Ratio Lower Upper

173 100

175 48.8 38.7 58.1

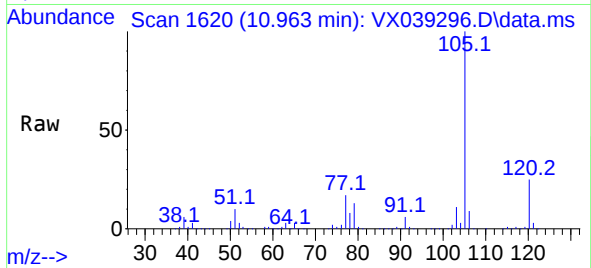
254 7.7 6.2 9.2



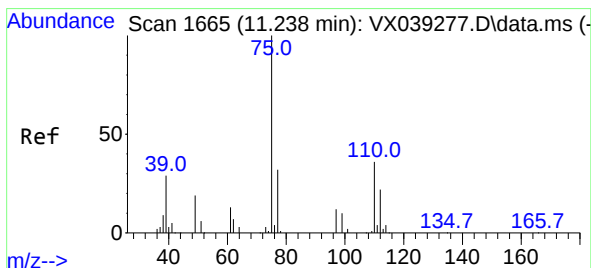
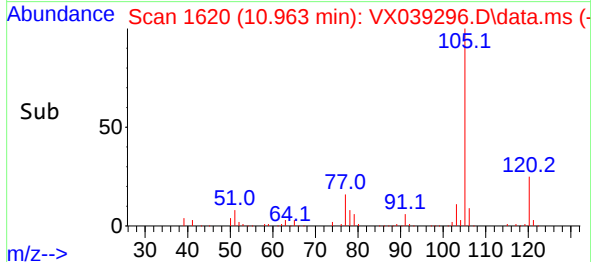
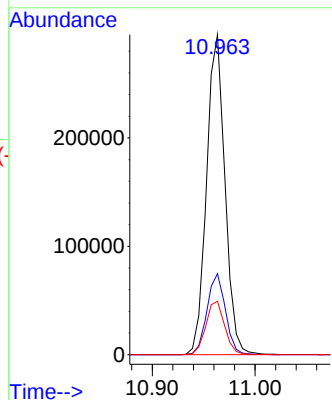


#60
Isopropylbenzene
Concen: 50.343 ug/L
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :

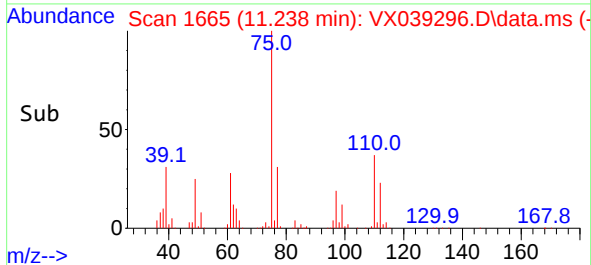
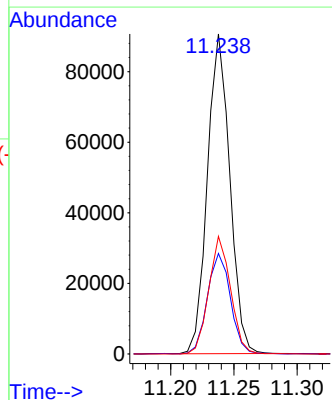
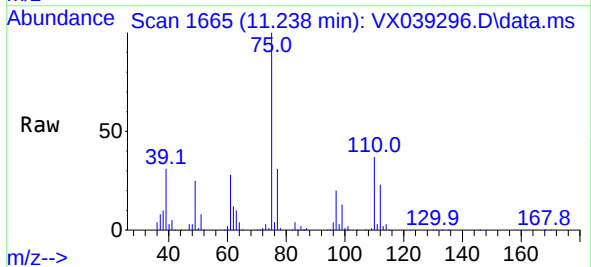


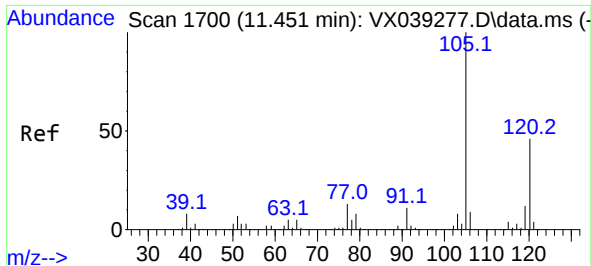
Tgt Ion:105 Resp: 368586
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 17.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 50.832 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion: 75 Resp: 111572
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 35.8 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 50.678 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

Instrument :

MSVOA_X

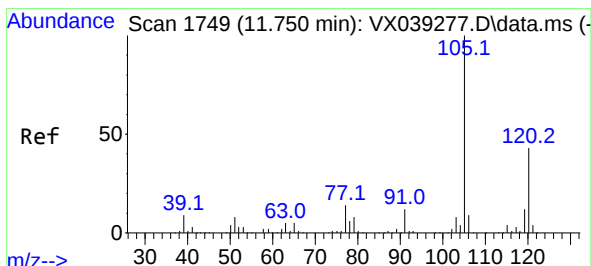
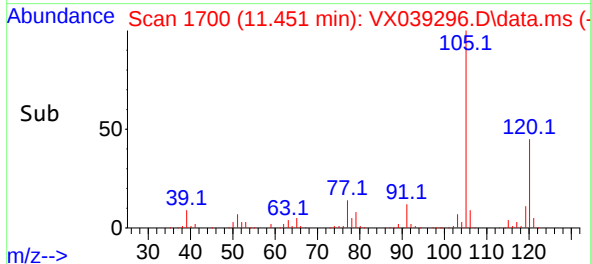
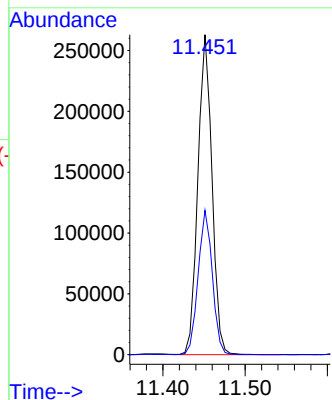
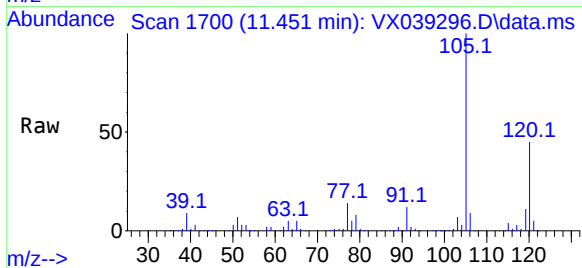
ClientSampleId :

Tgt Ion:105 Resp: 313247

Ion Ratio Lower Upper

105 100

120 45.5 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 51.032 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039296.D

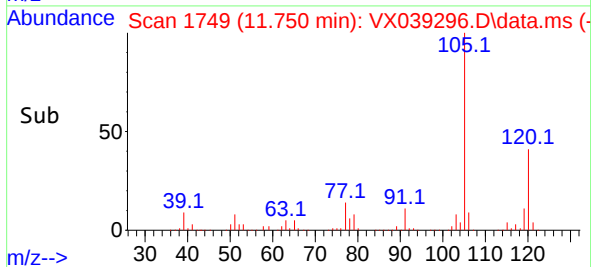
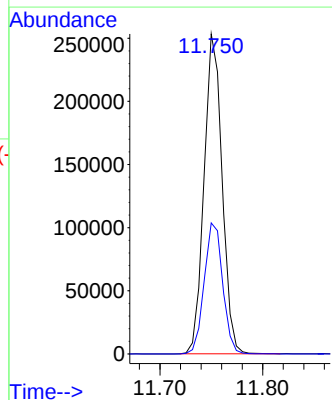
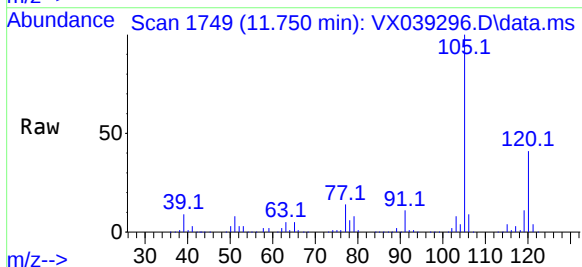
Acq: 16 Dec 2023 17:25

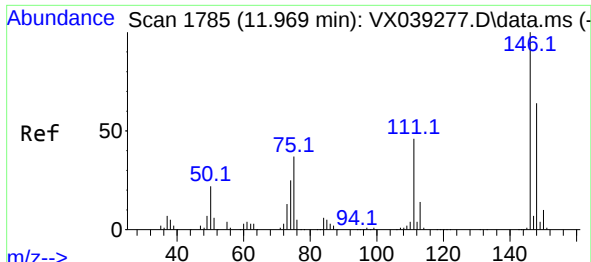
Tgt Ion:105 Resp: 309306

Ion Ratio Lower Upper

105 100

120 42.0 34.9 52.3

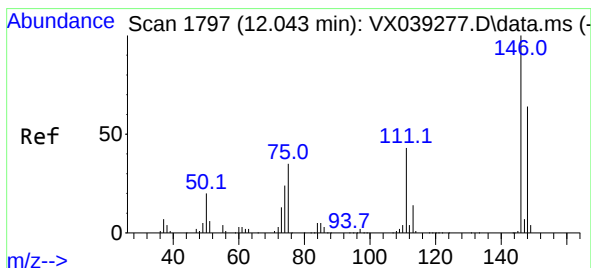
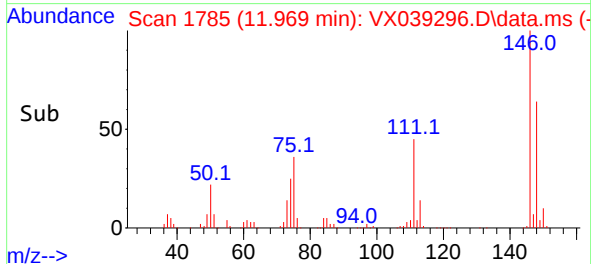
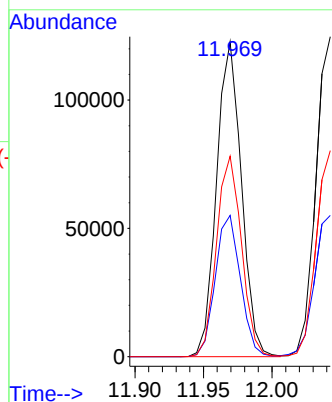
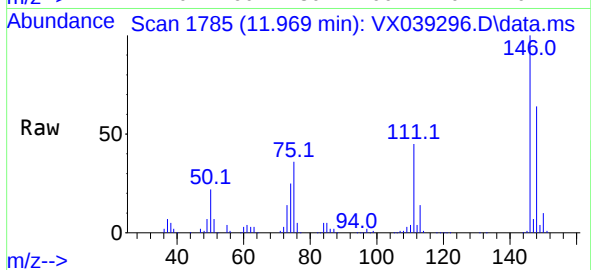




#64
1,3-Dichlorobenzene
Concen: 49.392 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

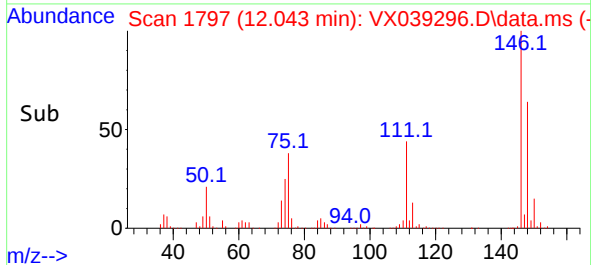
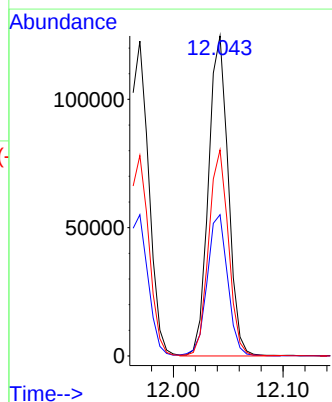
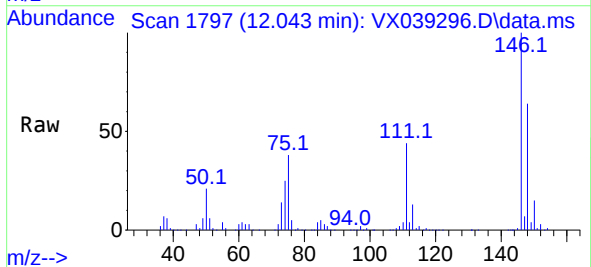
Instrument :
MSVOA_X
ClientSampleId :

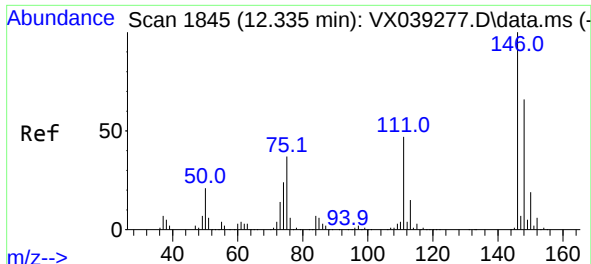
Tgt Ion:146 Resp: 154783
Ion Ratio Lower Upper
146 100
111 44.9 30.0 55.6
148 63.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 49.293 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion:146 Resp: 156530
Ion Ratio Lower Upper
146 100
111 44.2 29.7 55.1
148 64.4 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 49.300 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

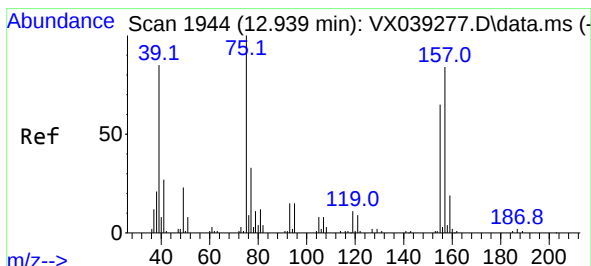
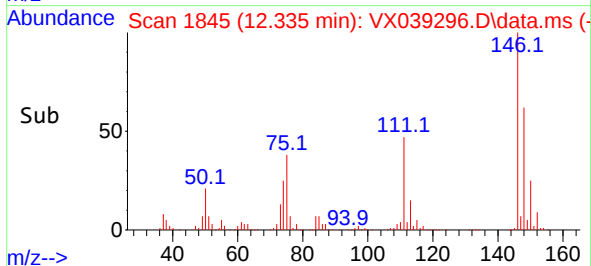
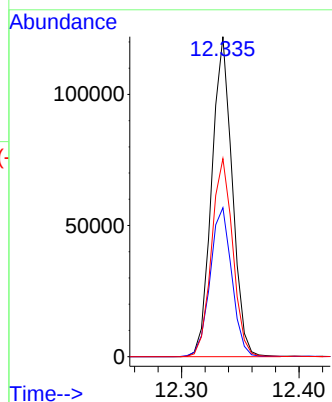
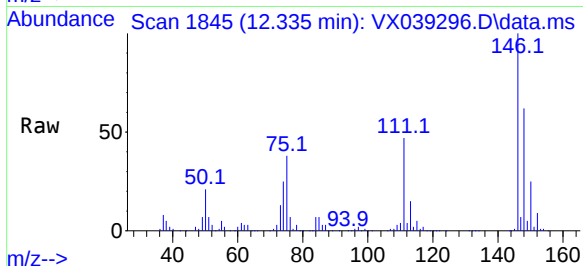
Tgt Ion:146 Resp: 147785

Ion Ratio Lower Upper

146 100

111 46.5 36.4 54.6

148 61.9 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 51.298 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039296.D

Acq: 16 Dec 2023 17:25

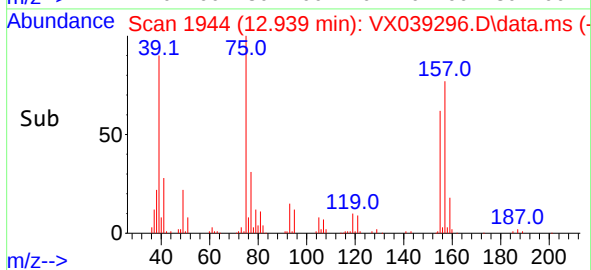
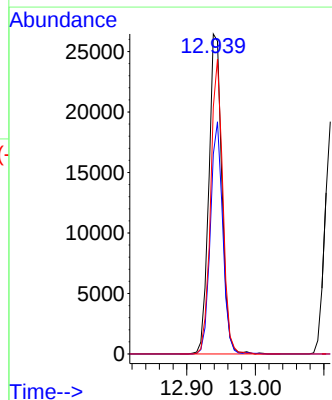
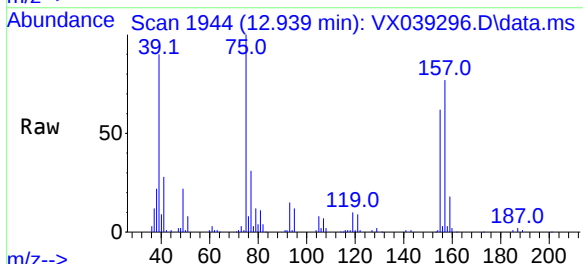
Tgt Ion: 75 Resp: 35140

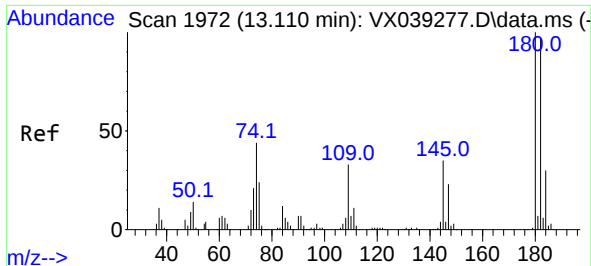
Ion Ratio Lower Upper

75 100

155 62.4 52.3 78.5

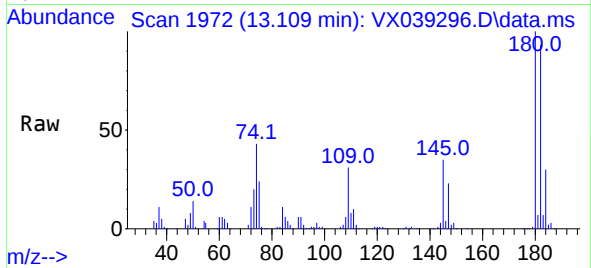
157 77.2 68.7 103.1



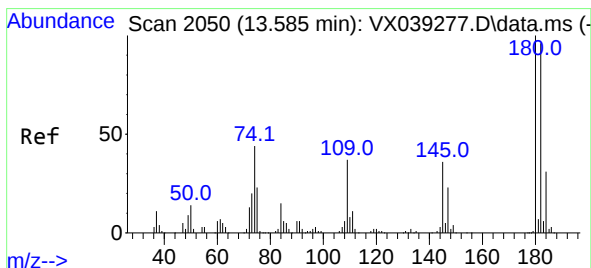
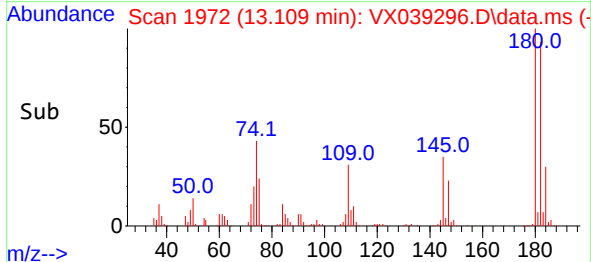
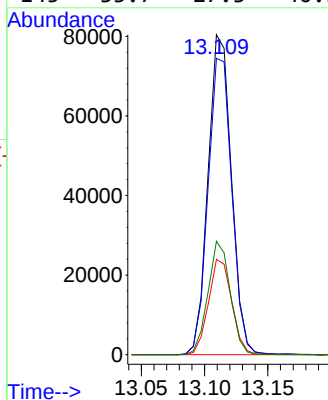


#69
1,3,5-Trichlorobenzene
Concen: 49.952 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :

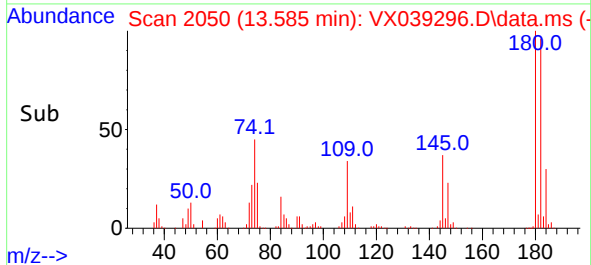
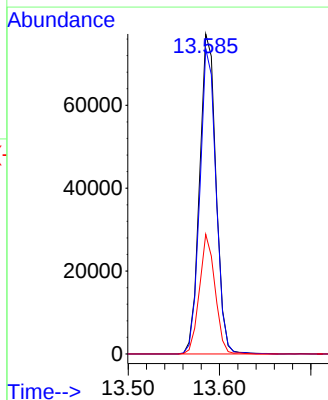
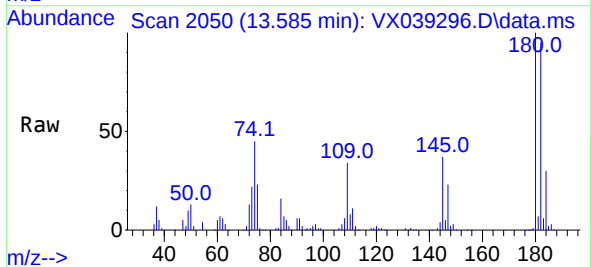


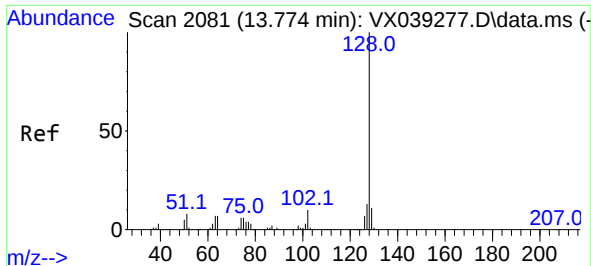
Tgt Ion:180 Resp: 103521
Ion Ratio Lower Upper
180 100
182 94.2 76.1 114.1
184 29.7 24.1 36.1
145 33.7 27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 49.064 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

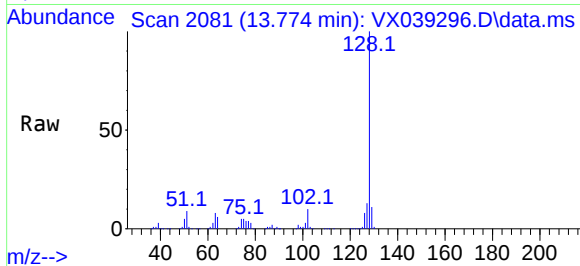
Tgt Ion:180 Resp: 95857
Ion Ratio Lower Upper
180 100
182 94.0 76.8 115.2
145 35.5 27.8 41.6



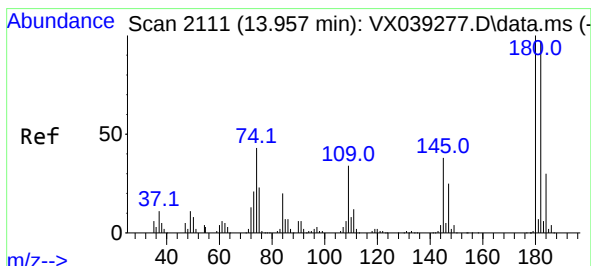
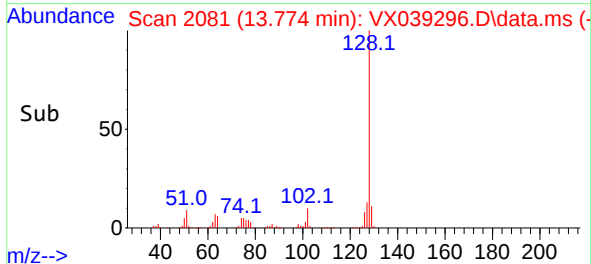
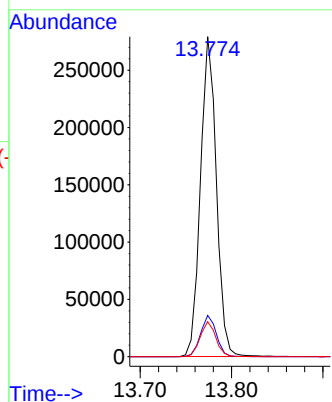


#71
Naphthalene
Concen: 50.288 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 336948
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.726 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039296.D
Acq: 16 Dec 2023 17:25

Tgt Ion:180 Resp: 94068
Ion Ratio Lower Upper
180 100
182 95.5 75.9 113.9
145 36.5 28.6 42.8

