

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039126.D
 Acq On : 08 Dec 2023 23:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050700

Quant Time: Dec 09 03:45:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	246792	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	223368	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	110292	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	81984	42.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.700%
7) Chloroethane-d5	1.666	69	64739	45.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.500%
11) 1,1-Dichloroethene-d2	2.307	65	38222	44.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.960%
21) 2-Butanone-d5	4.446	46	182968	104.422	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.420%
24) Chloroform-d	5.056	84	171637	50.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
26) 1,2-Dichloroethane-d4	5.958	65	110217	49.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
32) Benzene-d6	5.977	84	334446	48.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
36) 1,2-Dichloropropane-d6	7.306	67	112732	50.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.620%
41) Toluene-d8	8.647	98	288253	46.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
43) trans-1,3-Dichloroprop...	8.946	79	53561	47.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
47) 2-Hexanone-d5	9.385	63	141579	106.849	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.850%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	166728	52.978	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.960%
66) 1,2-Dichlorobenzene-d4	12.317	152	100680	48.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	87509	44.463	ug/L	100
3) Chloromethane	1.295	50	104486	50.793	ug/L	98
5) Vinyl chloride	1.374	62	98723	48.693	ug/L	99
6) Bromomethane	1.605	94	60617	55.391	ug/L	97
8) Chloroethane	1.691	64	57835	50.458	ug/L	96
9) Trichlorofluoromethane	1.892	101	123984	47.185	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	78277	46.312	ug/L	99
12) 1,1-Dichloroethene	2.319	96	80153	50.415	ug/L	94
13) Acetone	2.374	43	119273	70.857	ug/L	98
14) Carbon disulfide	2.514	76	241342	47.704	ug/L	100
15) Methyl Acetate	2.697	43	131688	54.733	ug/L	99
16) Methylene chloride	2.788	84	96899	53.048	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	85629	51.118	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	315547	54.117	ug/L	100
19) 1,1-Dichloroethane	3.611	63	174761	52.762	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	101051	52.008	ug/L	98
22) 2-Butanone	4.550	43	192752	93.306	ug/L	99
23) Bromochloromethane	4.898	128	47766	52.297	ug/L	97
25) Chloroform	5.093	83	174630	52.859	ug/L	99

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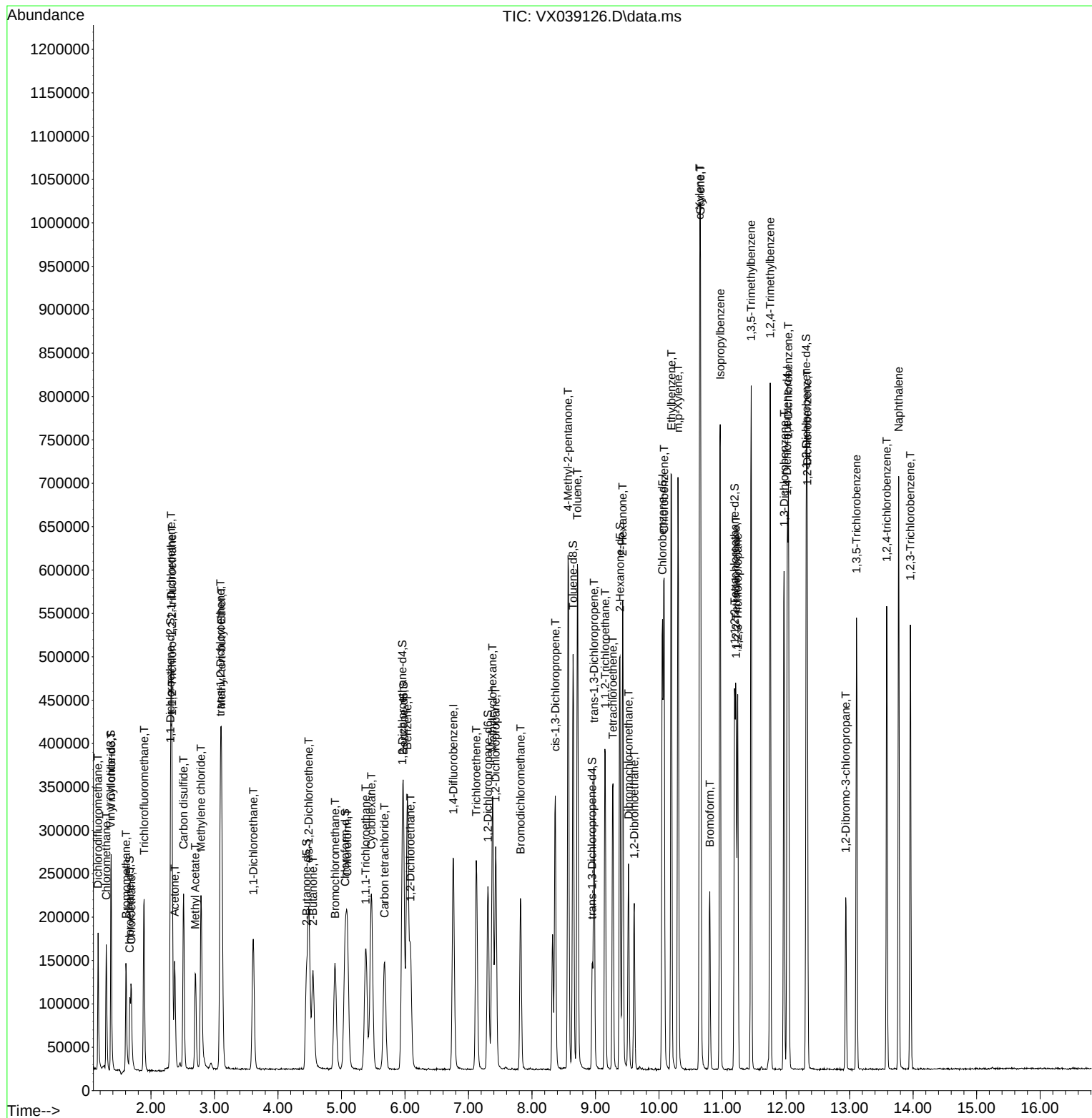
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	143064	54.867	ug/L	97
29) Cyclohexane	5.471	56	148506	47.527	ug/L	96
30) 1,1,1-Trichloroethane	5.379	97	138193	50.991	ug/L	98
31) Carbon tetrachloride	5.678	117	111156	49.159	ug/L	100
33) Benzene	6.038	78	377916	53.239	ug/L	100
34) Trichloroethene	7.123	95	95390	50.849	ug/L	99
35) Methylcyclohexane	7.379	83	142056	45.468	ug/L	98
37) 1,2-Dichloropropane	7.428	63	107825	54.771	ug/L	99
38) Bromodichloromethane	7.818	83	128686	53.743	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	162865	51.870	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	366787	111.167	ug/L	100
42) Toluene	8.714	91	382026	50.751	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	155734	53.448	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	99691	55.257	ug/L	96
46) Tetrachloroethene	9.275	164	59383	47.986	ug/L	98
48) 2-Hexanone	9.427	43	291519	105.565	ug/L	98
49) Dibromochloromethane	9.519	129	95338	54.243	ug/L	98
50) 1,2-Dibromoethane	9.610	107	106064	54.875	ug/L	98
51) Chlorobenzene	10.080	112	239717	51.556	ug/L	99
52) Ethylbenzene	10.195	91	416262	49.465	ug/L	100
53) m,p-Xylene	10.299	106	153258	48.710	ug/L	100
54) o-Xylene	10.640	106	151419	50.154	ug/L	100
55) Styrene	10.653	104	261679	50.656	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	171203	54.375	ug/L	99
59) Bromoform	10.799	173	68768	53.052	ug/L	99
60) Isopropylbenzene	10.964	105	392831	48.744	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	133332	55.186	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	335812	49.356	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	330660	49.562	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	170367	49.389	ug/L	98
65) 1,4-Dichlorobenzene	12.037	146	179258	51.283	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	169188	51.274	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	39933	52.959	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	111800	49.009	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	109829	51.070	ug/L	99
71) Naphthalene	13.774	128	388481	52.672	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	105611	50.718	ug/L	100

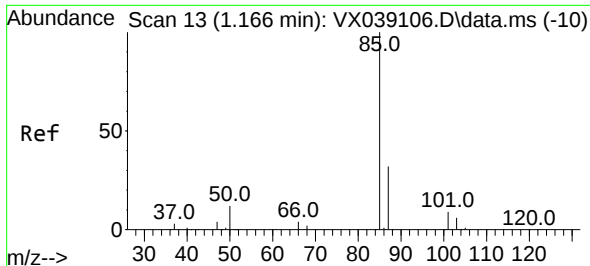
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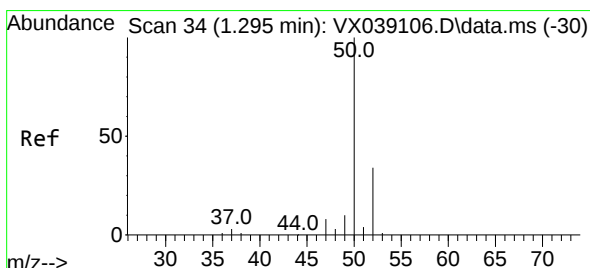
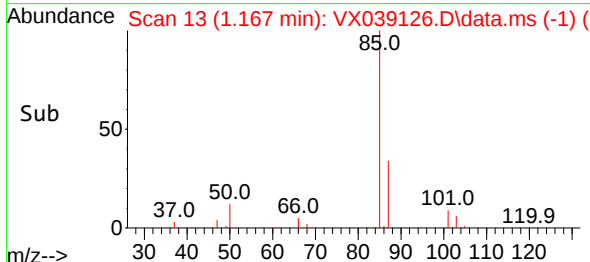
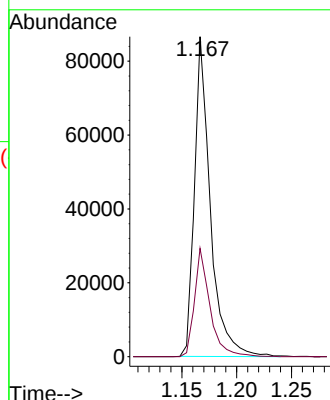
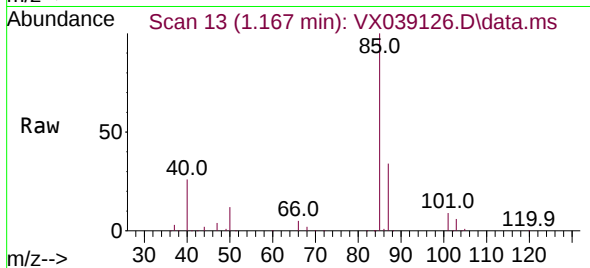




#2
Dichlorodifluoromethane
Concen: 44.463 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

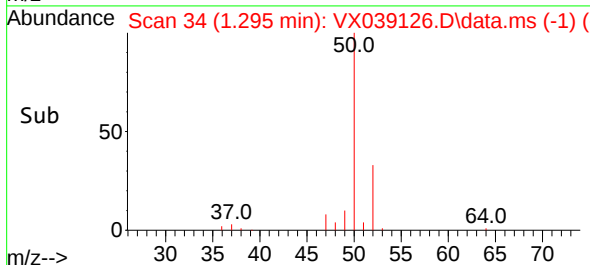
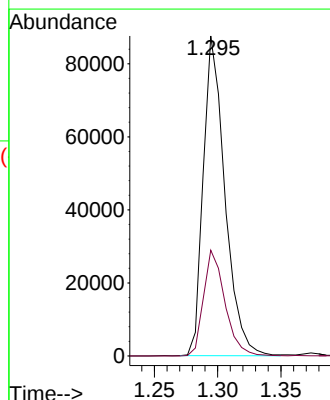
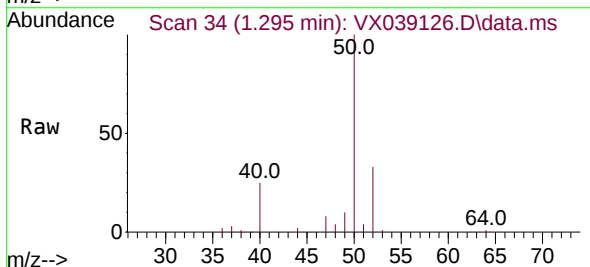
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ClientSampleId :
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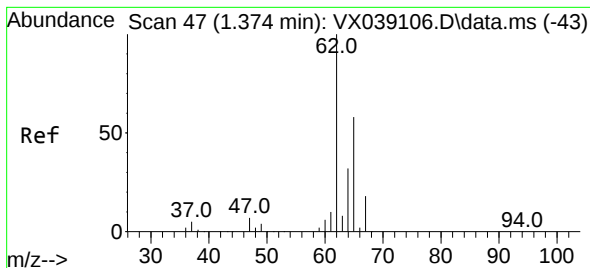
Tgt Ion: 85 Resp: 87509
Ion Ratio Lower Upper
85 100
87 33.0 26.2 39.4



#3
Chloromethane
Concen: 50.793 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 50 Resp: 104486
Ion Ratio Lower Upper
50 100
52 33.1 22.4 41.6





#5

Vinyl chloride

Concen: 48.693 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

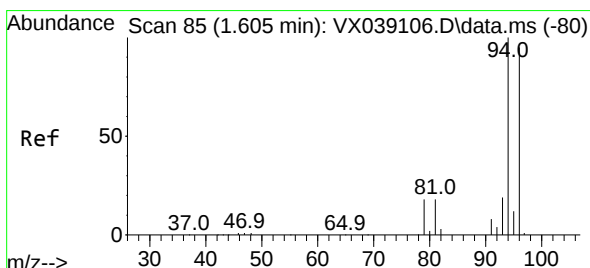
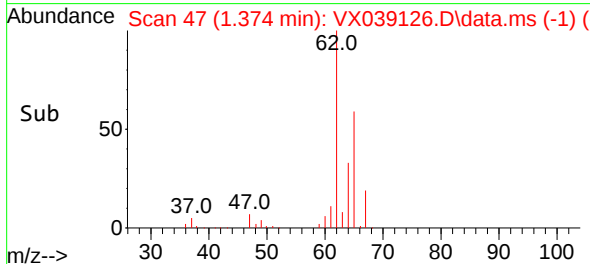
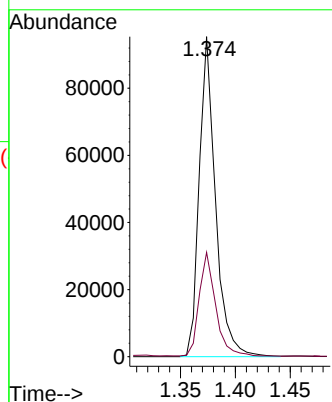
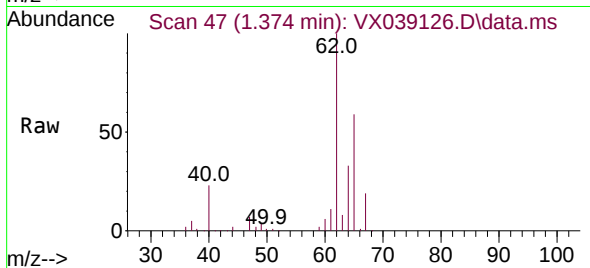
VSTD050700

Tgt Ion: 62 Resp: 98723

Ion Ratio Lower Upper

62 100

64 32.6 22.3 41.3



#6

Bromomethane

Concen: 55.391 ug/L

RT: 1.605 min Scan# 85

Delta R.T. 0.000 min

Lab File: VX039126.D

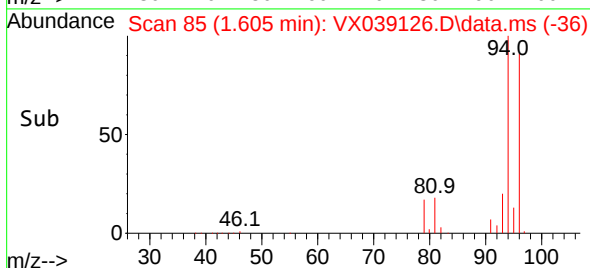
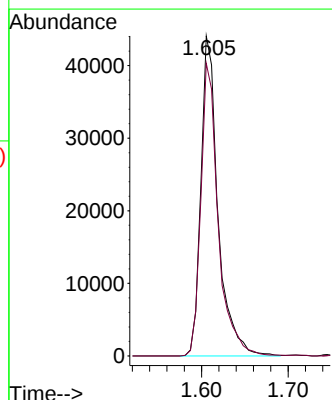
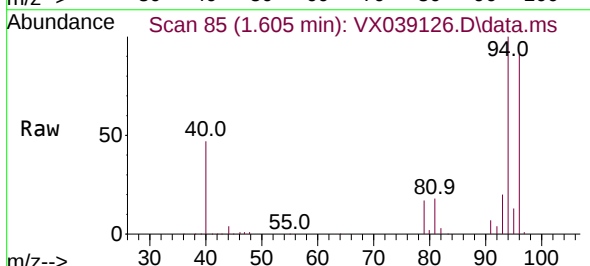
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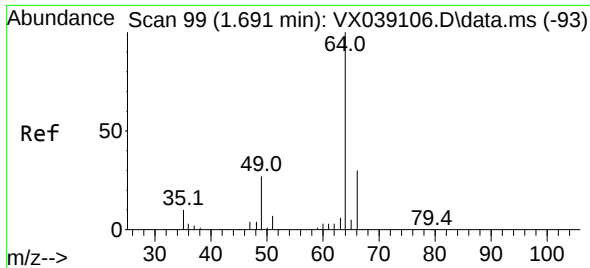
Tgt Ion: 94 Resp: 60617

Ion Ratio Lower Upper

94 100

96 91.4 65.8 122.2

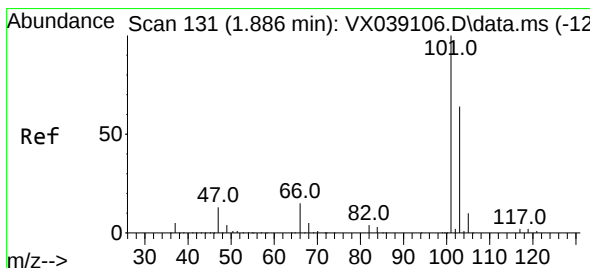
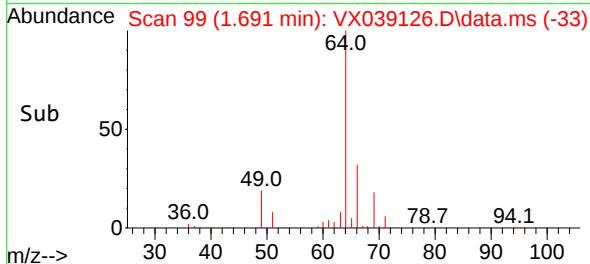
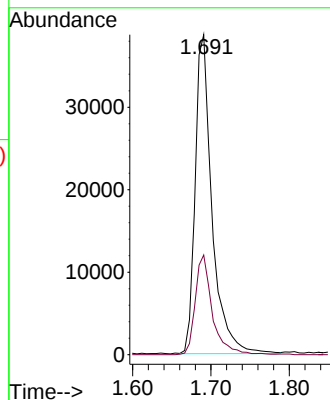
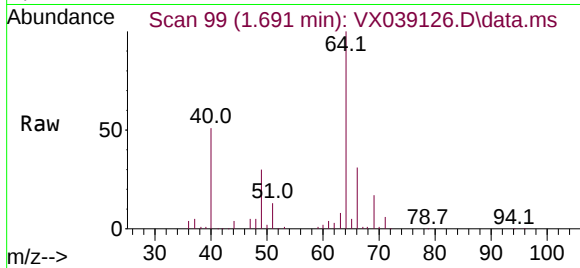




#8
Chloroethane
Concen: 50.458 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

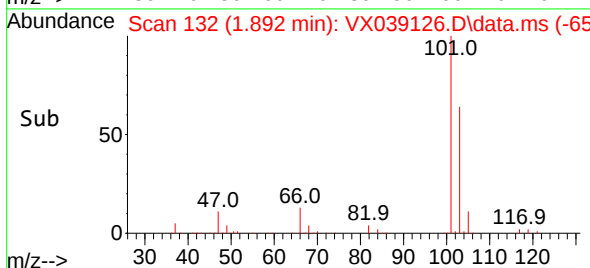
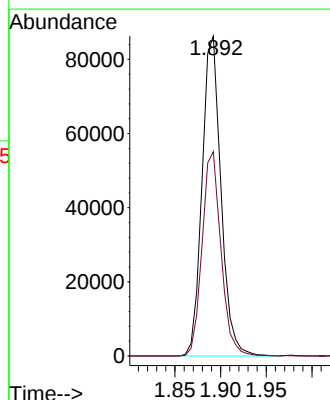
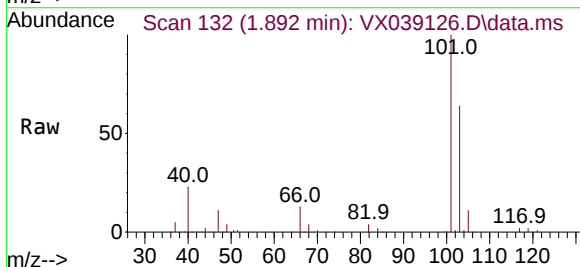
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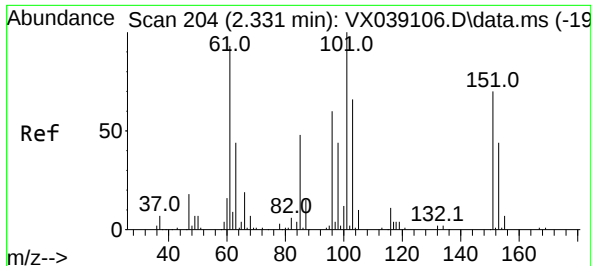
Tgt Ion: 64 Resp: 57835
Ion Ratio Lower Upper
64 100
66 31.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 47.185 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 101 Resp: 123984
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

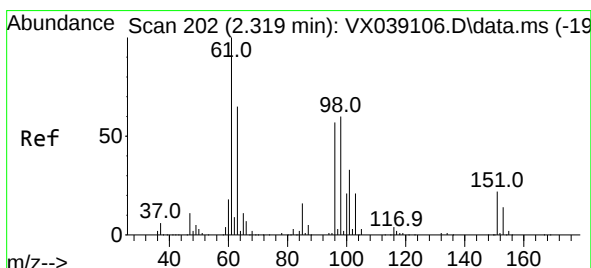
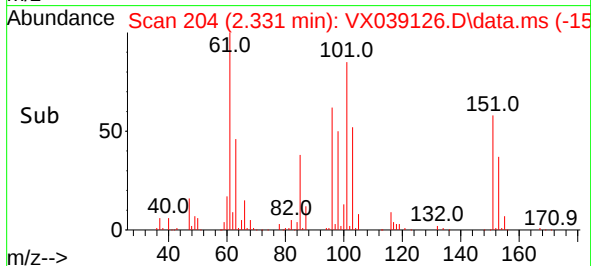
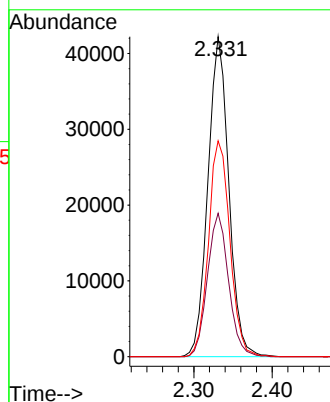
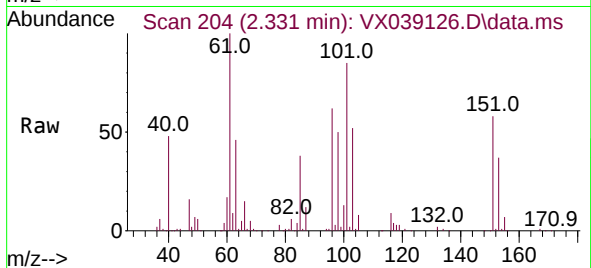




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.312 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039126.D
 Acq: 08 Dec 2023 23:25

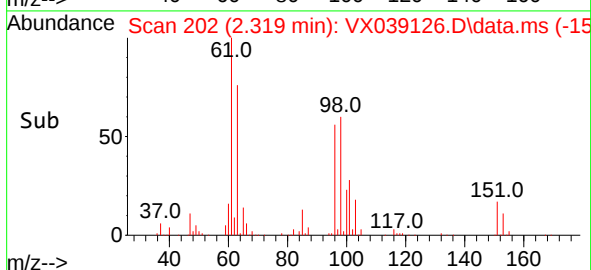
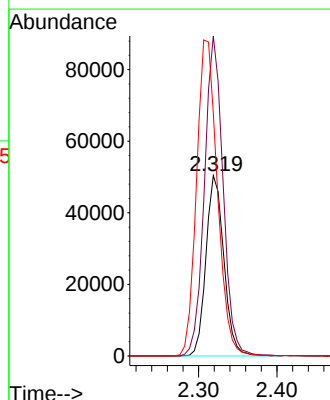
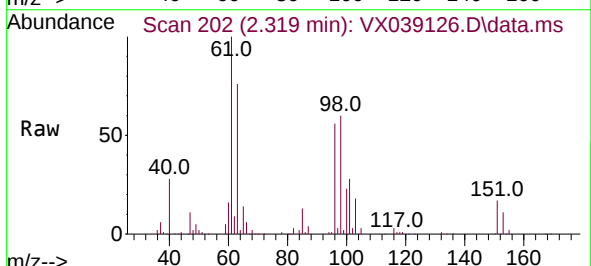
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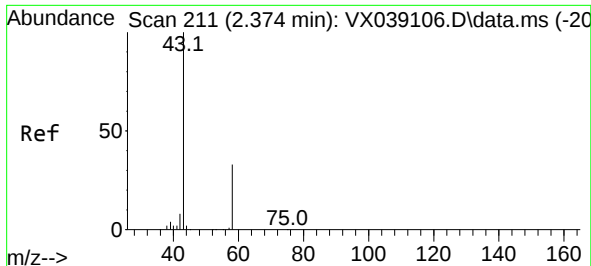
Tgt Ion:101 Resp: 78277
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.8 53.6
 151 69.0 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 50.415 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039126.D
 Acq: 08 Dec 2023 23:25

Tgt Ion: 96 Resp: 80153
 Ion Ratio Lower Upper
 96 100
 61 177.4 128.0 237.6
 63 134.6 101.5 188.5

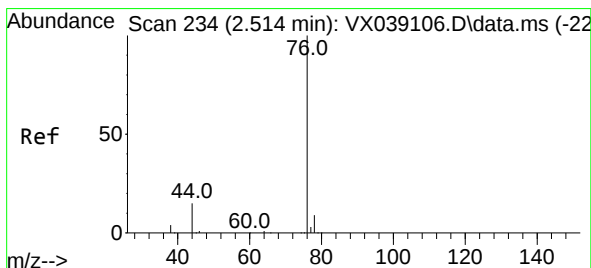
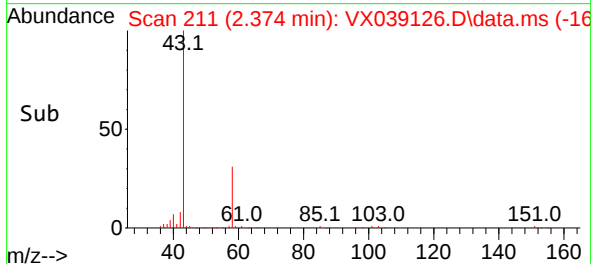
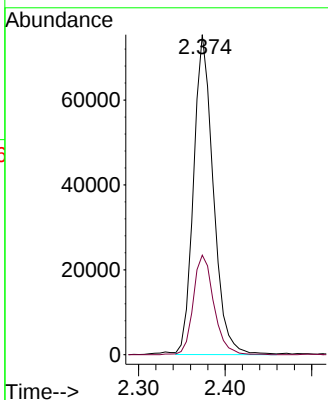
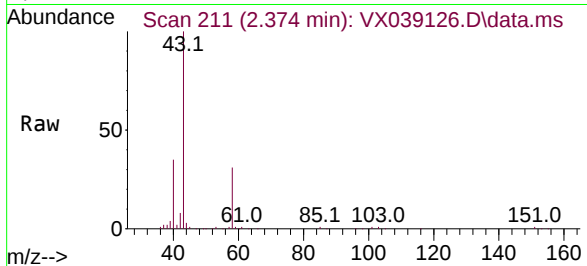




#13
Acetone
Concen: 70.857 ug/L
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
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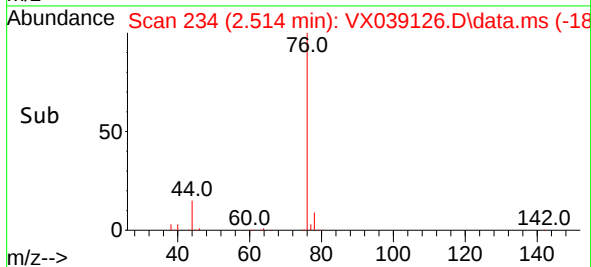
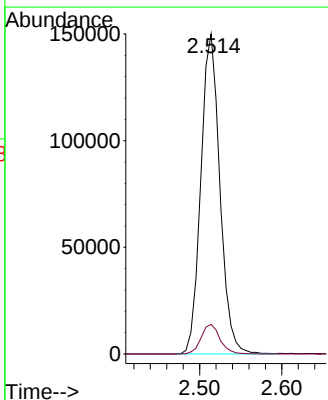
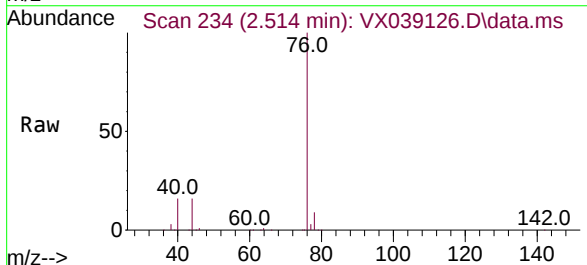
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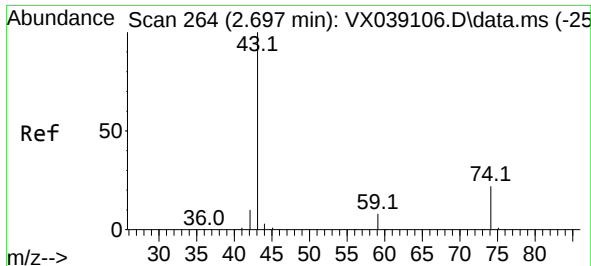
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Ion Ratio Lower Upper
43 100
58 31.7 0.0 65.8



#14
Carbon disulfide
Concen: 47.704 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 241342
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

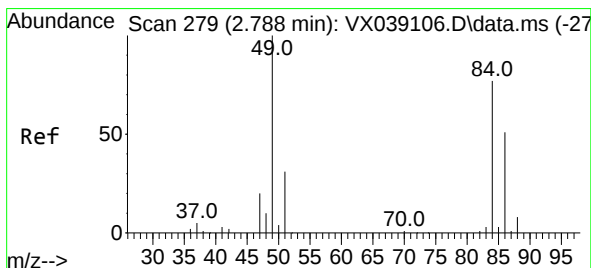
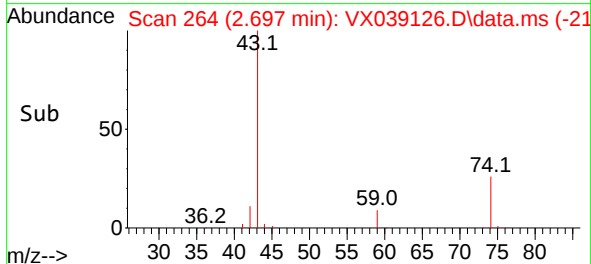
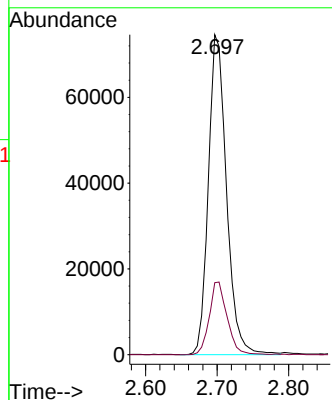
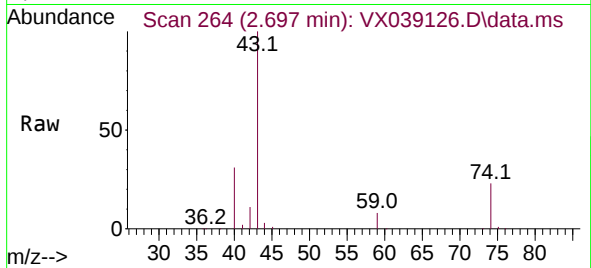




#15
Methyl Acetate
Concen: 54.733 ug/L
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

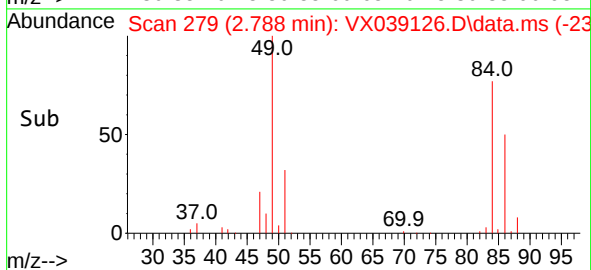
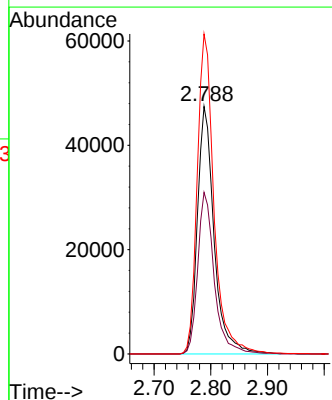
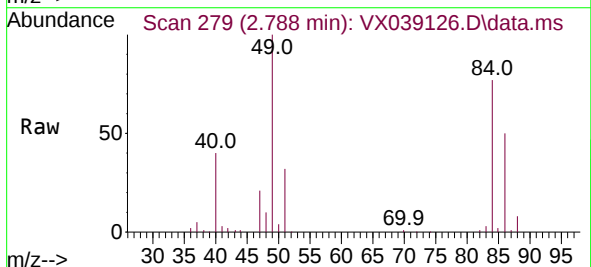
Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

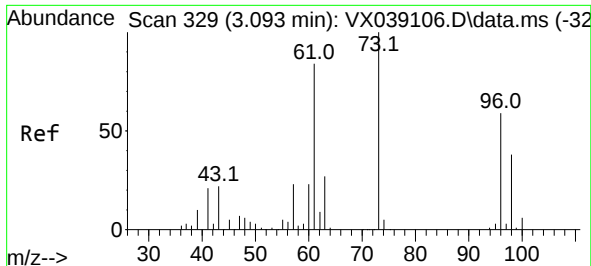
Tgt Ion: 43 Resp: 131688
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.4



#16
Methylene chloride
Concen: 53.048 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 84 Resp: 96899
Ion Ratio Lower Upper
84 100
86 65.3 44.7 82.9
49 129.2 90.9 168.7





#17

trans-1,2-Dichloroethene

Concen: 51.118 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050700

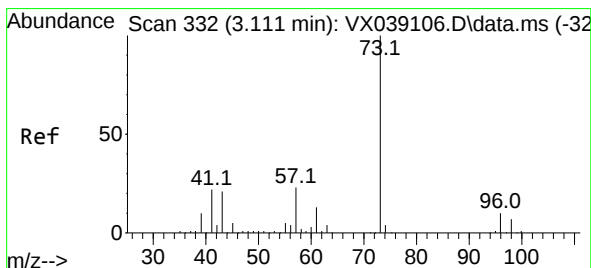
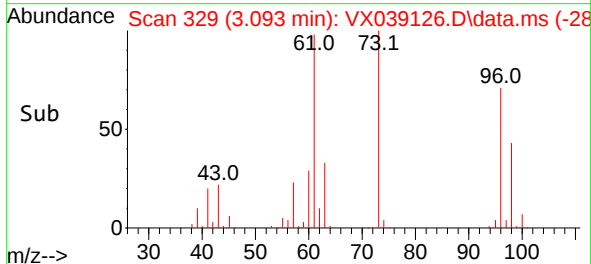
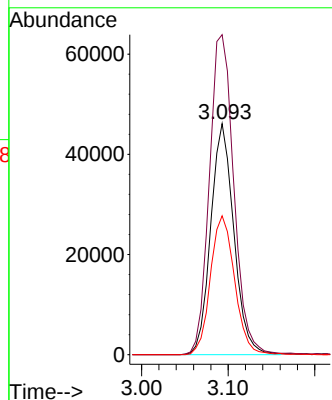
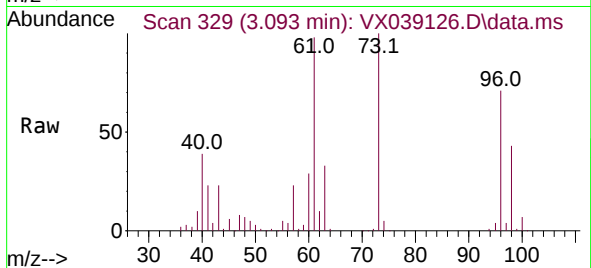
Tgt Ion: 96 Resp: 85629

Ion Ratio Lower Upper

96 100

61 138.5 99.8 185.3

98 60.1 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 54.117 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

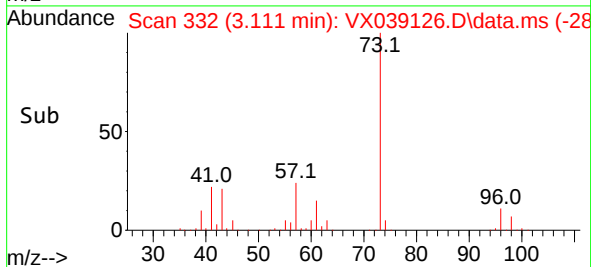
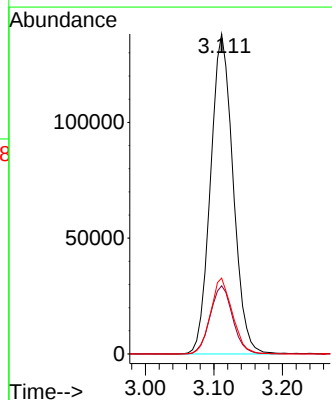
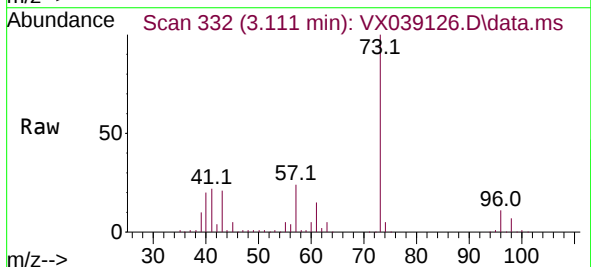
Tgt Ion: 73 Resp: 315547

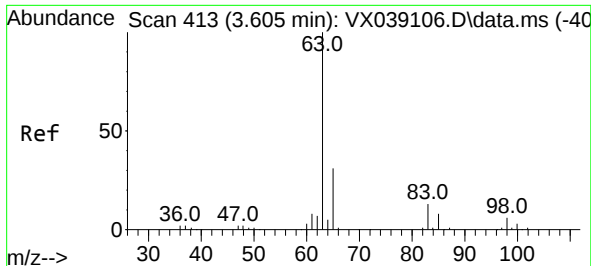
Ion Ratio Lower Upper

73 100

43 21.2 16.9 25.3

57 23.0 18.5 27.7





#19

1,1-Dichloroethane

Concen: 52.762 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050700

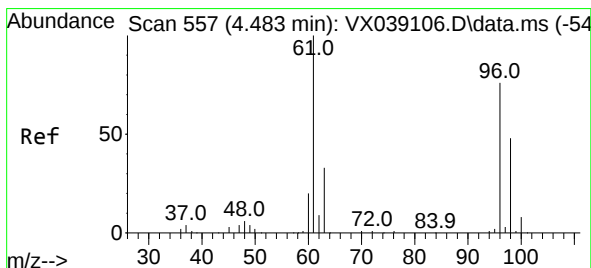
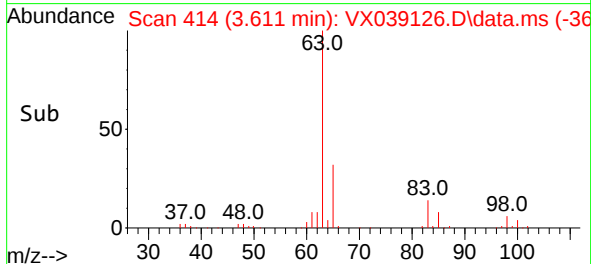
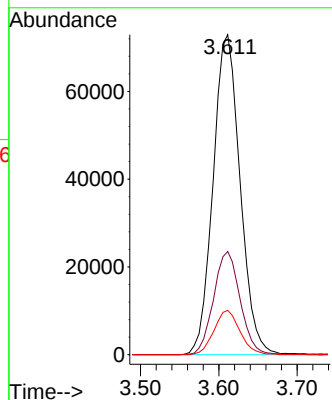
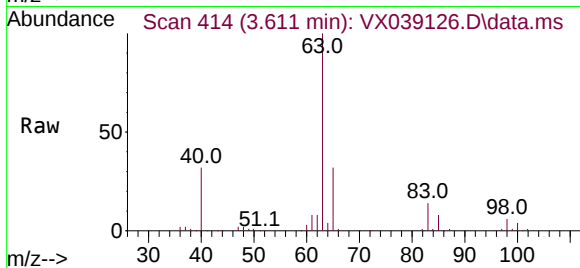
Tgt Ion: 63 Resp: 174761

Ion Ratio Lower Upper

63 100

65 32.3 21.1 39.3

83 13.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 52.008 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

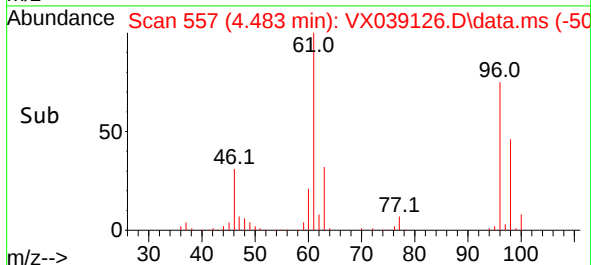
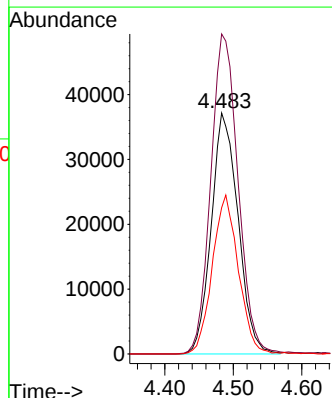
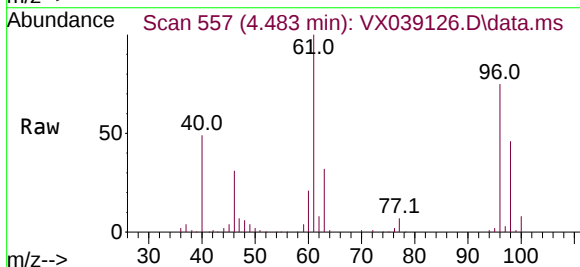
Tgt Ion: 96 Resp: 101051

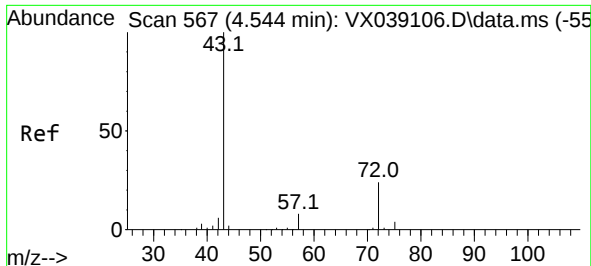
Ion Ratio Lower Upper

96 100

61 132.8 91.7 170.3

98 60.7 44.2 82.2

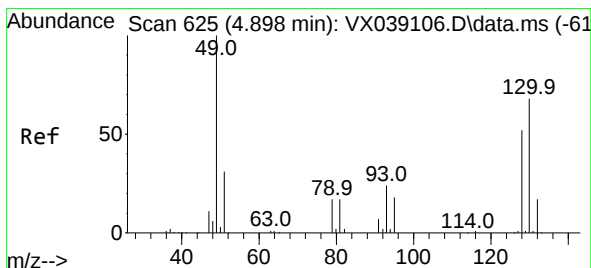
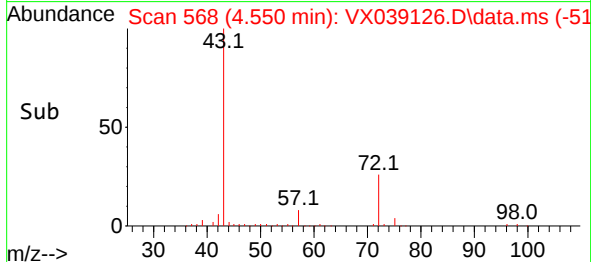
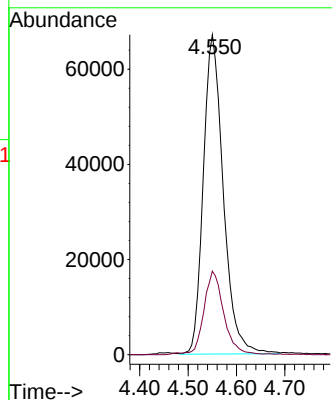
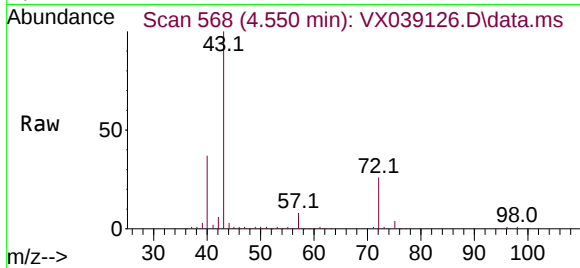




#22
2-Butanone
Concen: 93.306 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

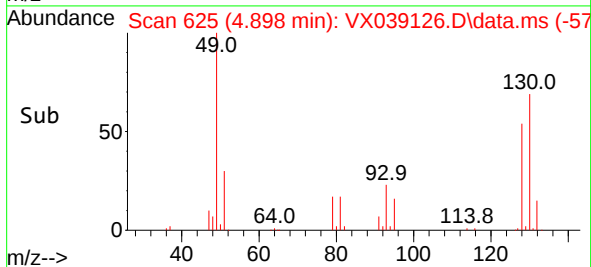
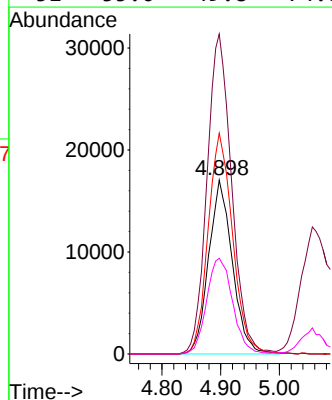
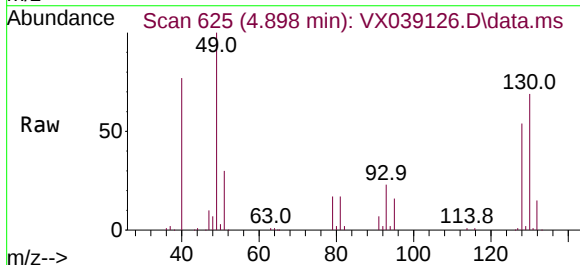
Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

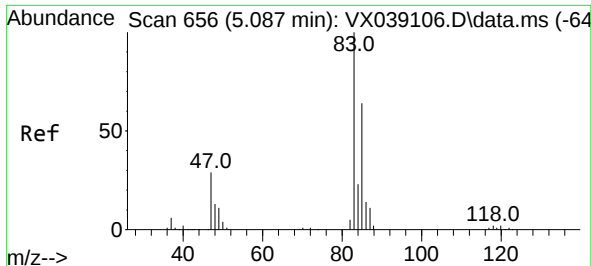
Tgt Ion: 43 Resp: 192752
Ion Ratio Lower Upper
43 100
72 25.8 12.6 37.6



#23
Bromochloromethane
Concen: 52.297 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 128 Resp: 47766
Ion Ratio Lower Upper
128 100
49 184.0 130.8 243.0
130 127.0 90.6 168.3
51 55.0 49.8 74.8





#25

Chloroform

Concen: 52.859 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

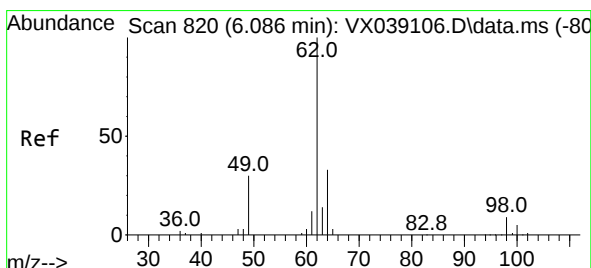
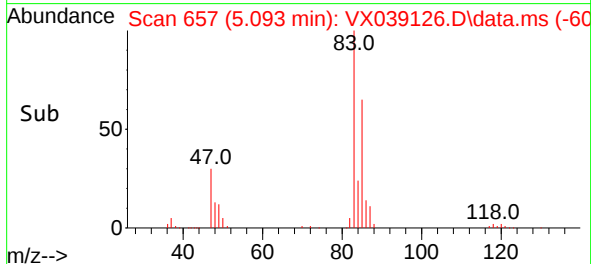
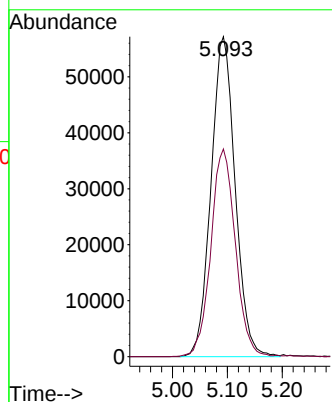
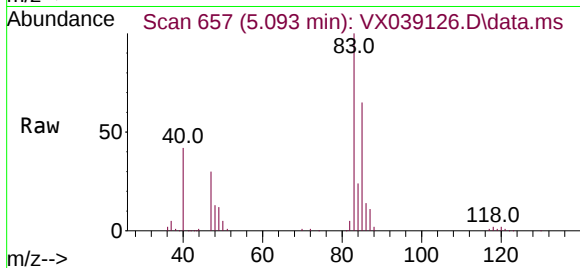
VSTD050700

Tgt Ion: 83 Resp: 174630

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.867 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX039126.D

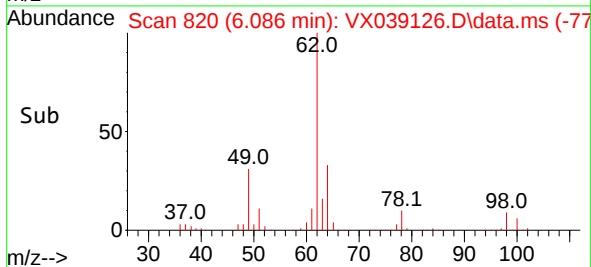
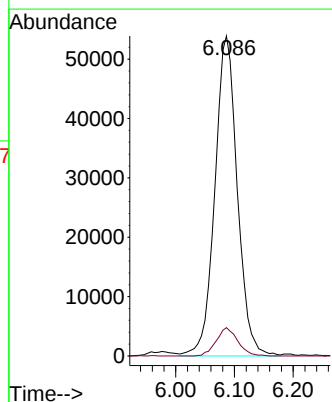
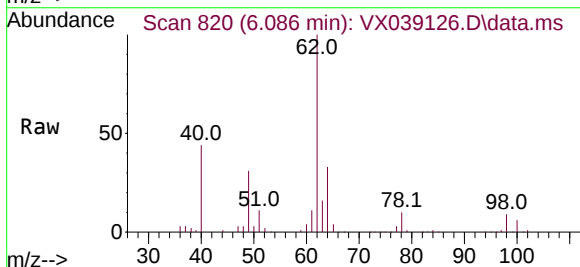
Acq: 08 Dec 2023 23:25

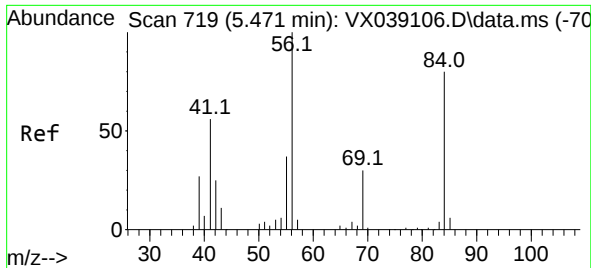
Tgt Ion: 62 Resp: 143064

Ion Ratio Lower Upper

62 100

98 8.8 8.0 12.0

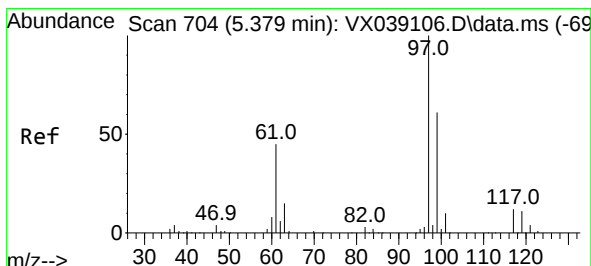
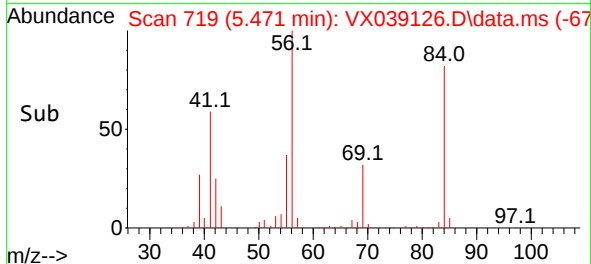
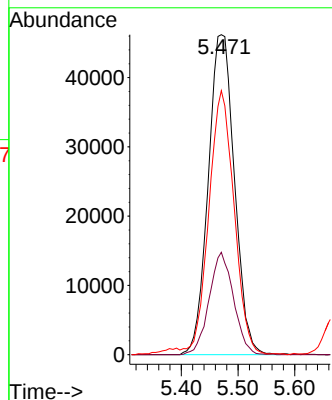
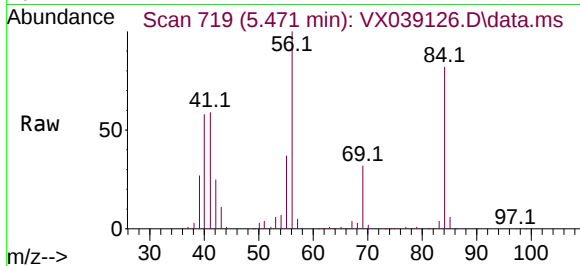




#29
Cyclohexane
Concen: 47.527 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

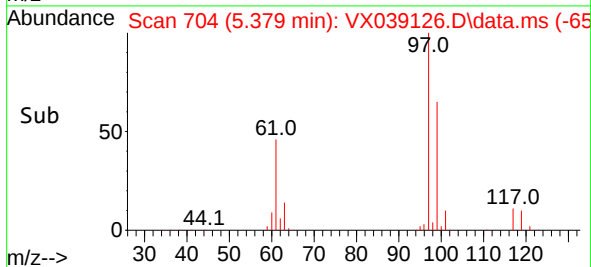
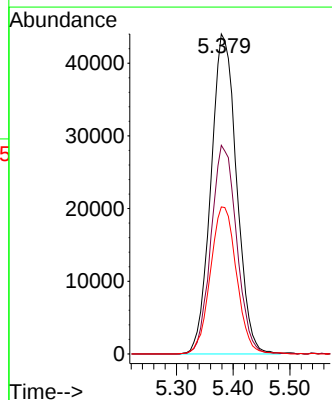
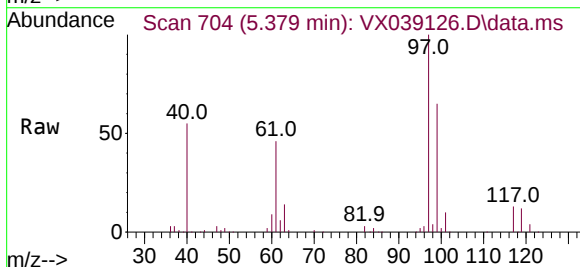
Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

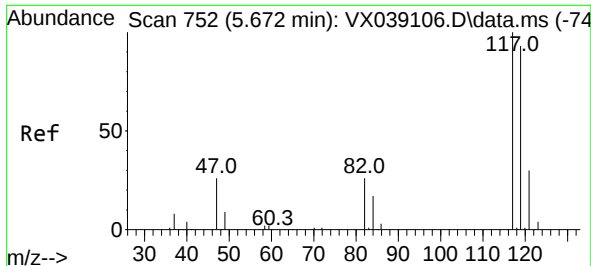
Tgt Ion: 56 Resp: 148506
Ion Ratio Lower Upper
56 100
69 29.7 24.5 36.7
84 79.2 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 50.991 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 97 Resp: 138193
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.4
61 46.9 36.7 55.1

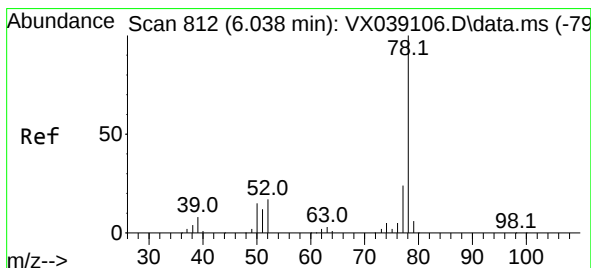
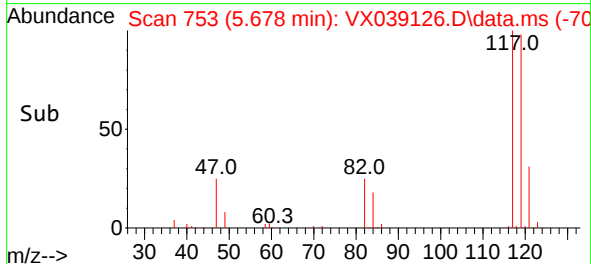
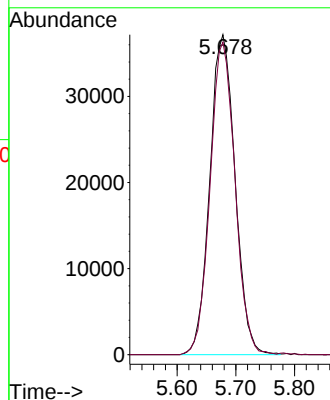
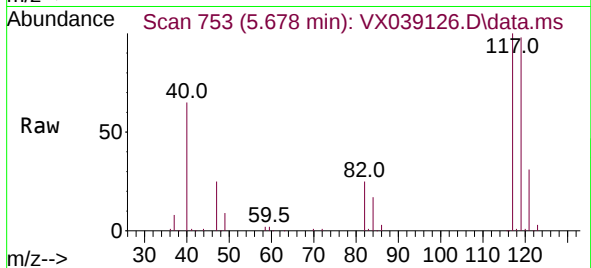




#31
Carbon tetrachloride
Concen: 49.159 ug/L
RT: 5.678 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

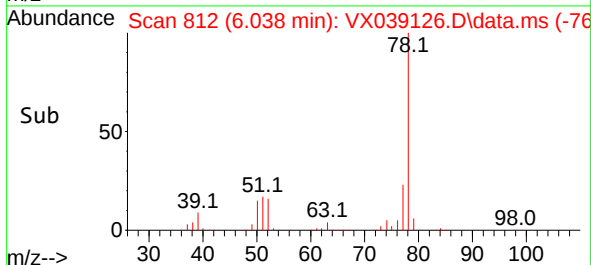
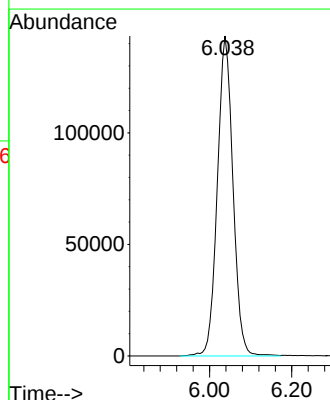
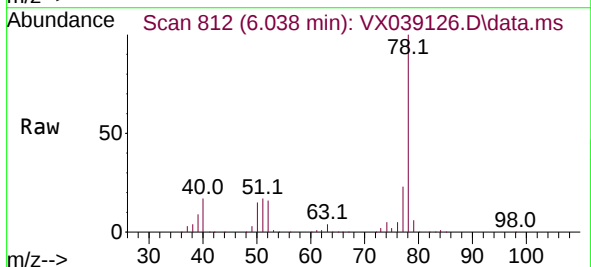
Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

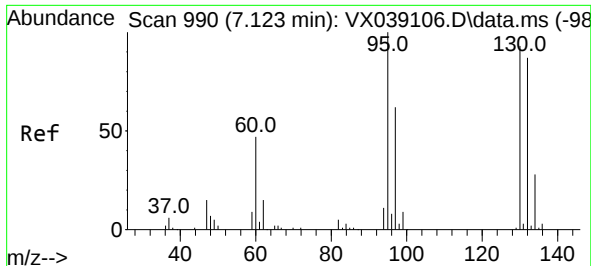
Tgt Ion:117 Resp: 111156
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 53.239 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 78 Resp: 377916



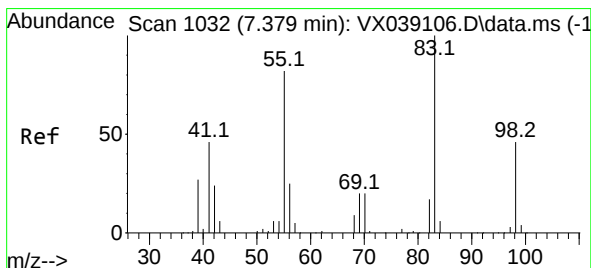
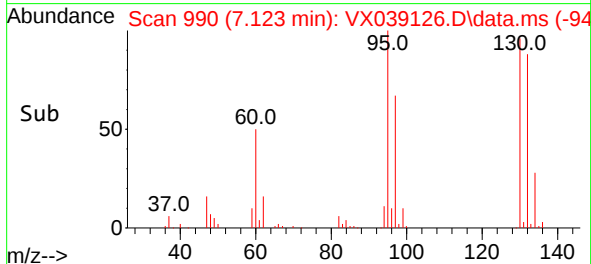
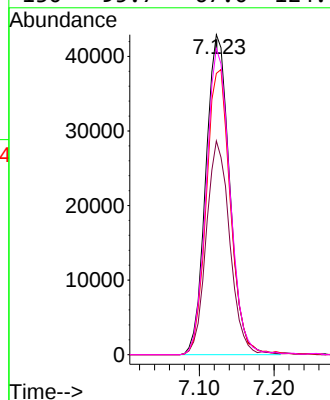
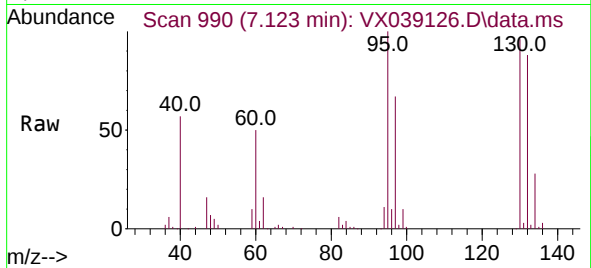


#34
Trichloroethene
Concen: 50.849 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

Tgt Ion: 95 Resp: 95390

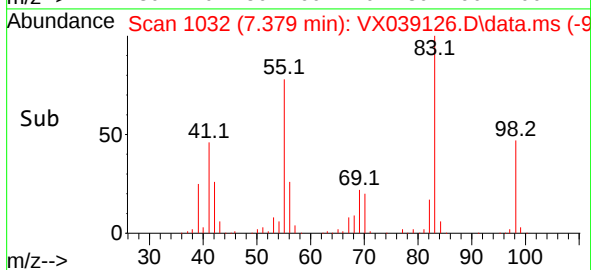
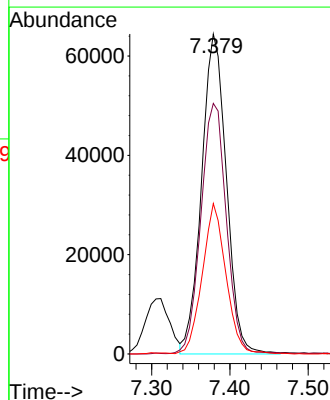
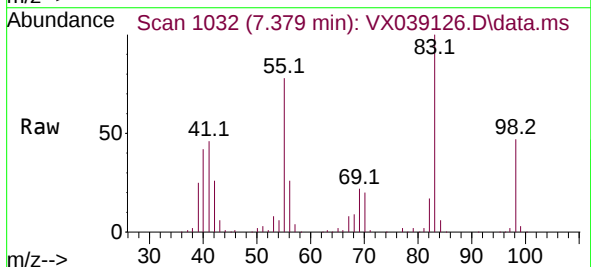
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.5	84.5
132	87.9	62.2	115.4
130	95.7	67.0	124.4

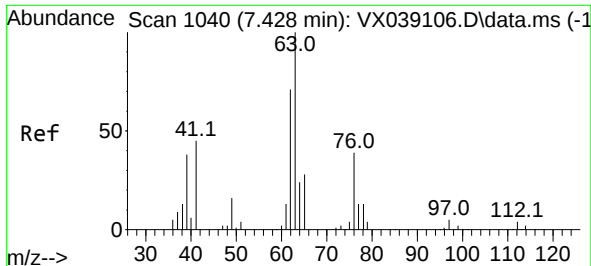


#35
Methylcyclohexane
Concen: 45.468 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 83 Resp: 142056

Ion	Ratio	Lower	Upper
83	100		
55	79.9	62.5	93.7
98	44.7	36.1	54.1





#37

1,2-Dichloropropane

Concen: 54.771 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

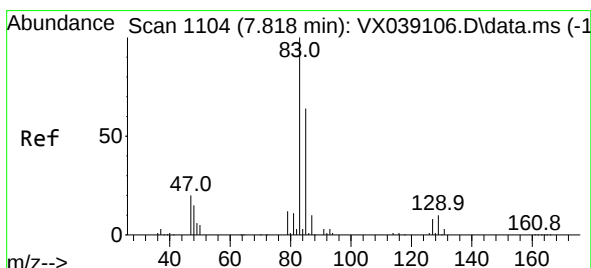
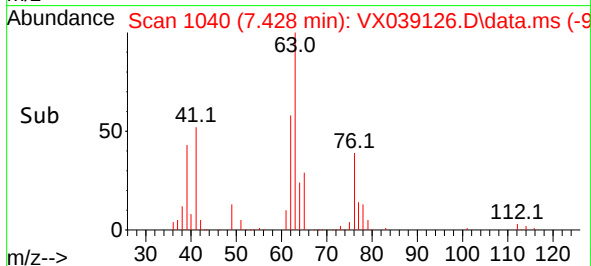
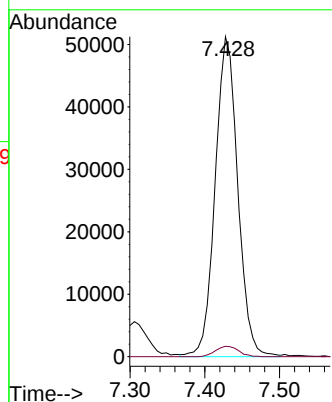
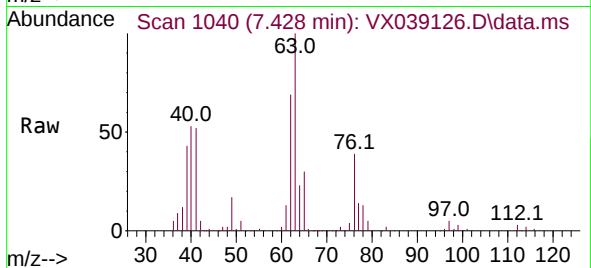
VSTD050700

Tgt Ion: 63 Resp: 107825

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 53.743 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

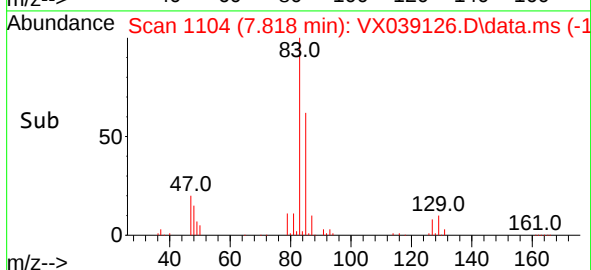
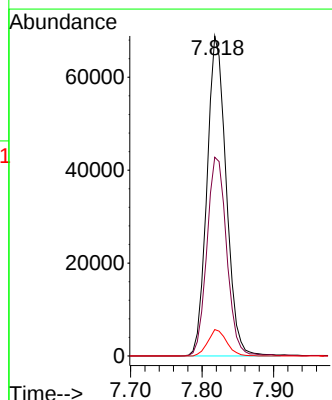
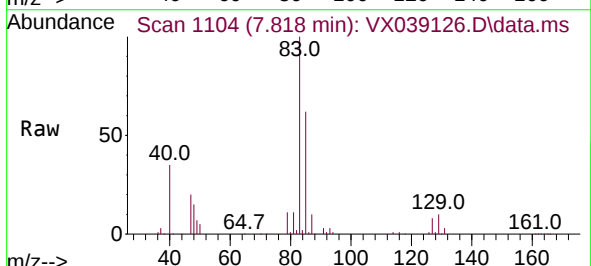
Tgt Ion: 83 Resp: 128686

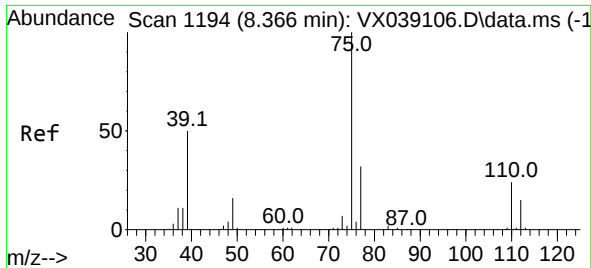
Ion Ratio Lower Upper

83 100

85 62.1 43.3 80.5

127 8.2 5.8 8.6

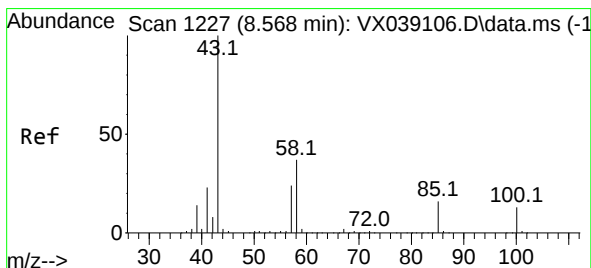
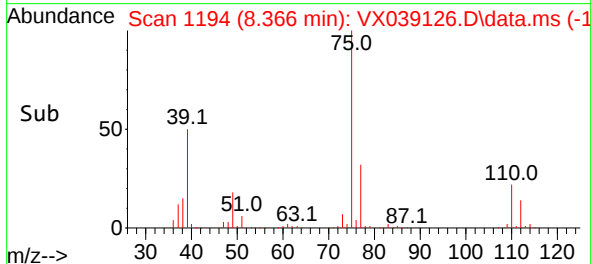
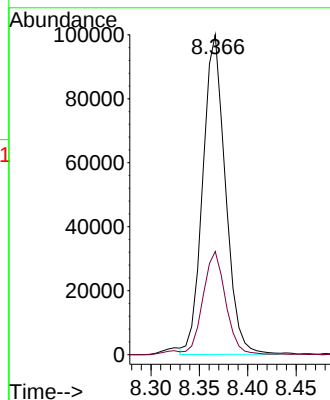
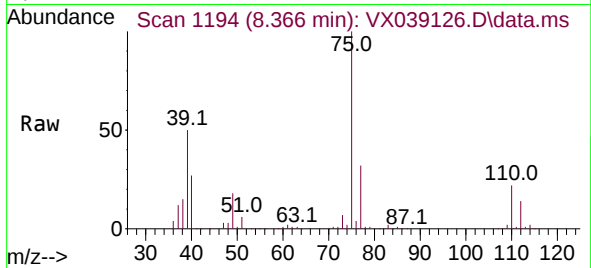




#39
 cis-1,3-Dichloropropene
 Concen: 51.870 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039126.D
 Acq: 08 Dec 2023 23:25

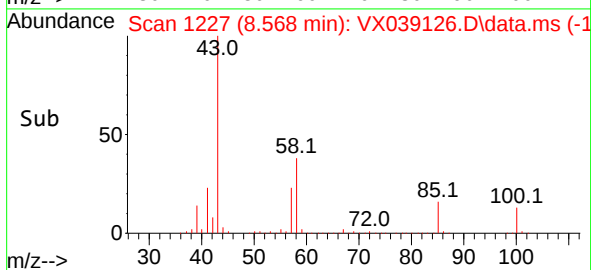
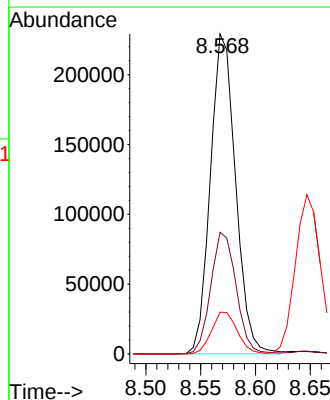
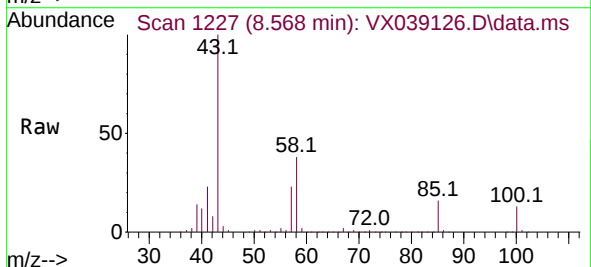
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050700

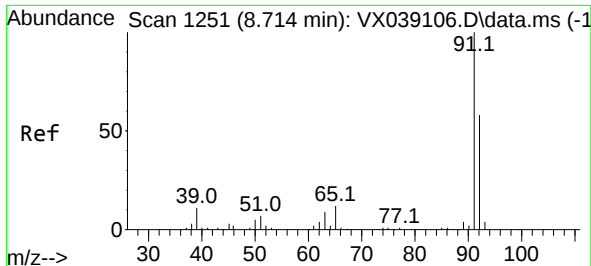
Tgt Ion: 75 Resp: 162865
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 111.167 ug/L
 RT: 8.568 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: VX039126.D
 Acq: 08 Dec 2023 23:25

Tgt Ion: 43 Resp: 366787
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.9 46.3
 100 13.4 10.6 16.0





#42

Toluene

Concen: 50.751 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

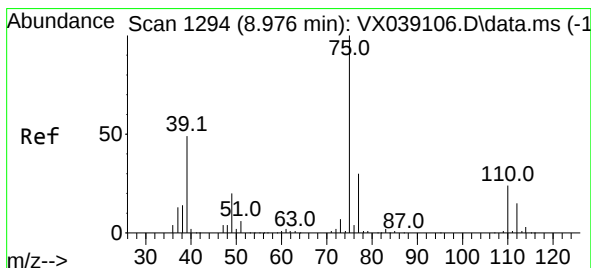
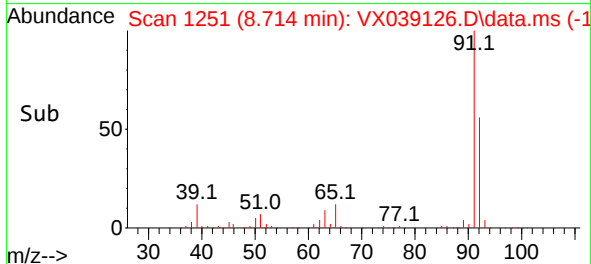
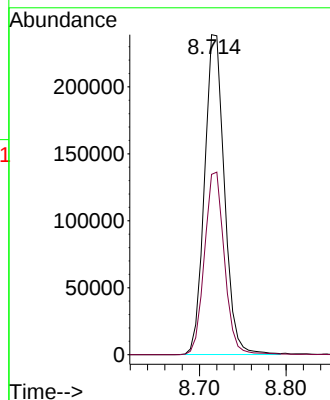
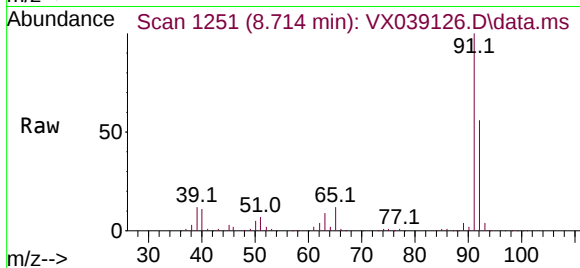
VSTD050700

Tgt Ion: 91 Resp: 382026

Ion Ratio Lower Upper

91 100

92 56.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 53.448 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039126.D

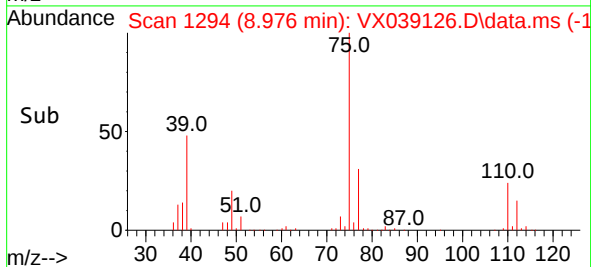
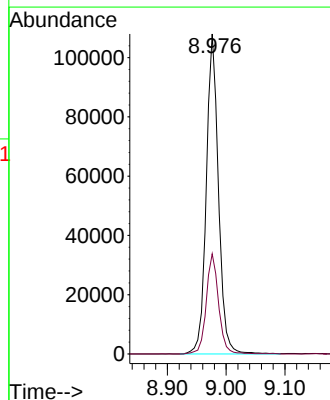
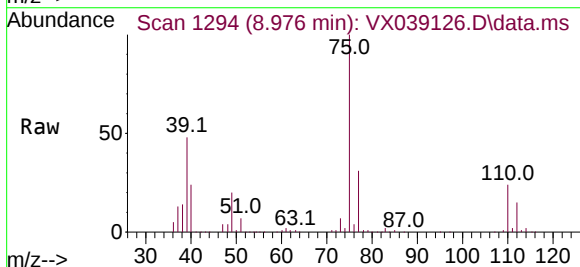
Acq: 08 Dec 2023 23:25

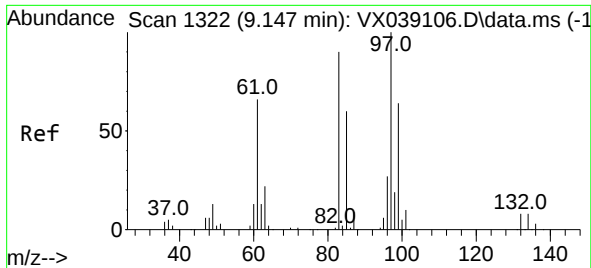
Tgt Ion: 75 Resp: 155734

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8

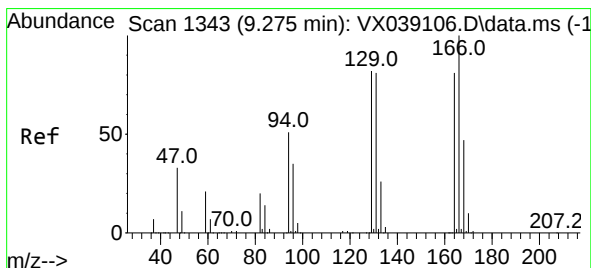
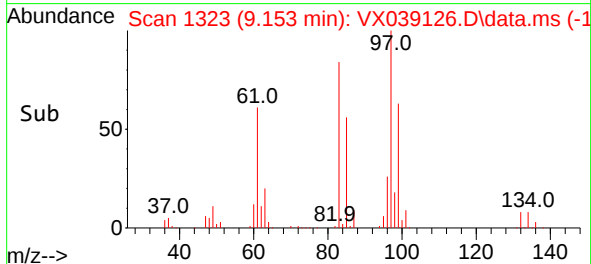
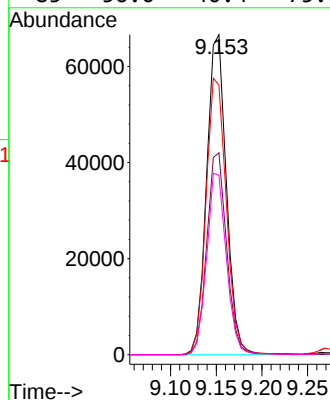
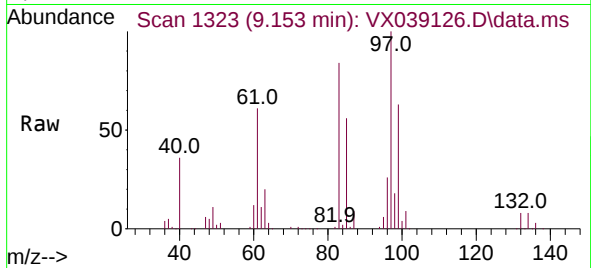




#45
1,1,2-Trichloroethane
Concen: 55.257 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

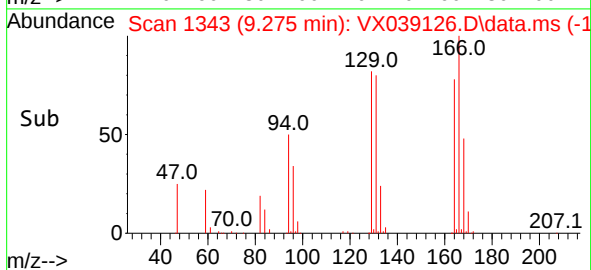
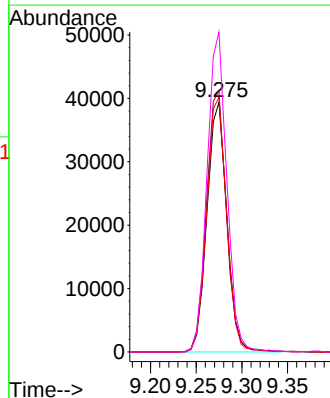
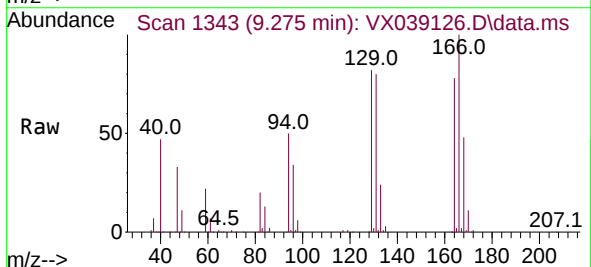
Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

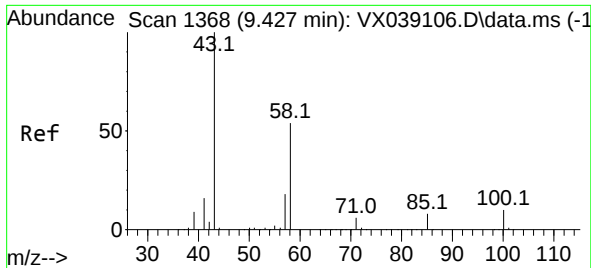
Tgt Ion:	97	Resp:	99691
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.1	80.1
83	84.3	64.0	118.8
85	56.0	40.4	75.0



#46
Tetrachloroethene
Concen: 47.986 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion:	164	Resp:	59383
Ion	Ratio	Lower	Upper
164	100		
129	104.8	71.9	133.5
131	102.1	69.5	129.1
166	128.2	90.3	167.7



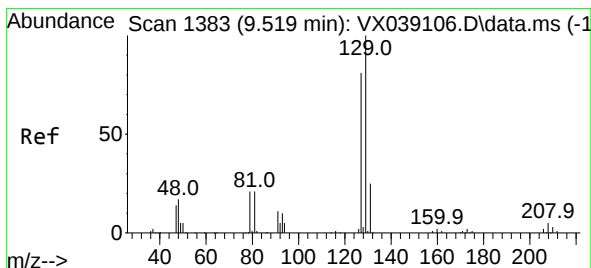
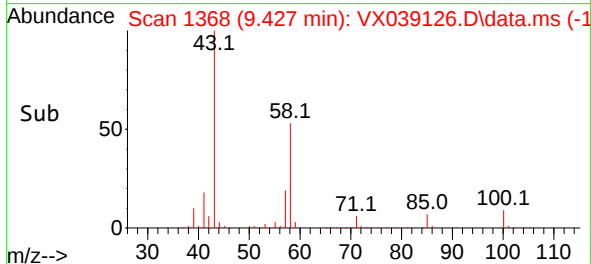
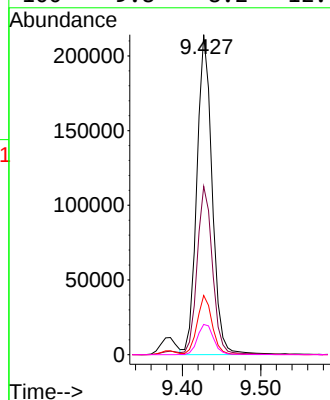
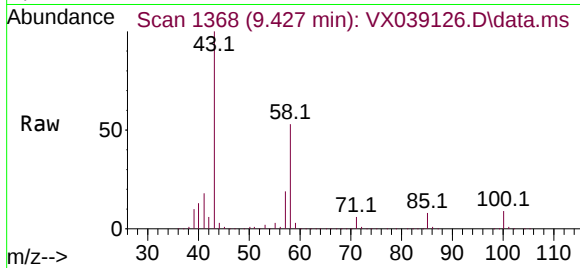


#48
2-Hexanone
Concen: 105.565 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

Tgt Ion: 43 Resp: 291519

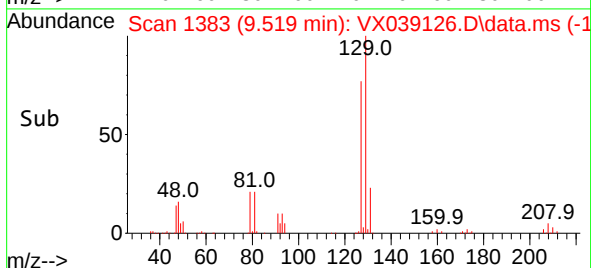
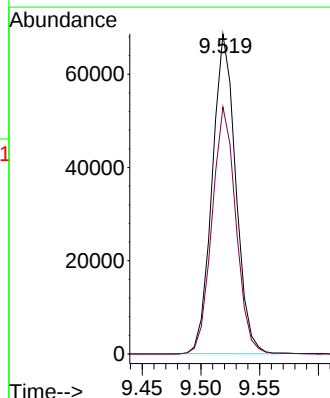
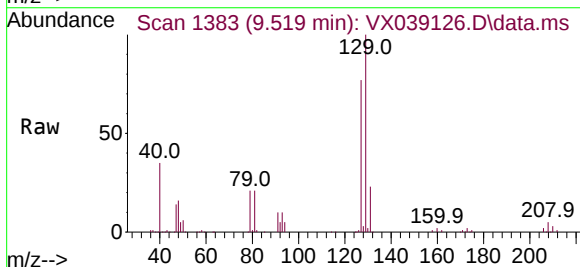
Ion	Ratio	Lower	Upper
43	100		
58	51.7	43.0	64.6
57	18.0	14.6	21.8
100	9.8	8.2	12.4

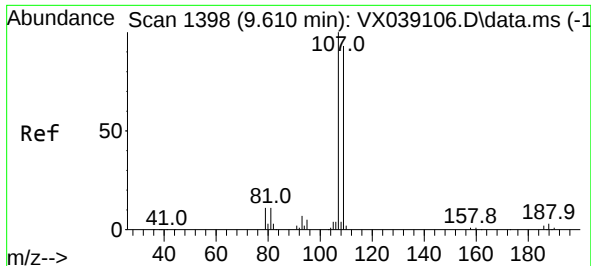


#49
Dibromochloromethane
Concen: 54.243 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 129 Resp: 95338

Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.2	102.4





#50

1,2-Dibromoethane

Concen: 54.875 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050700

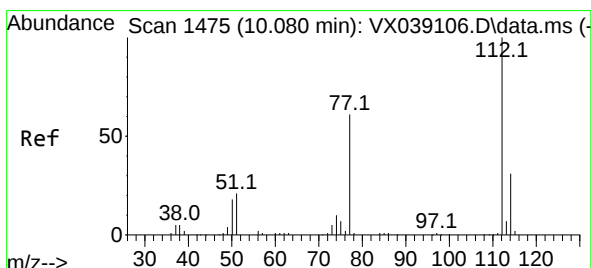
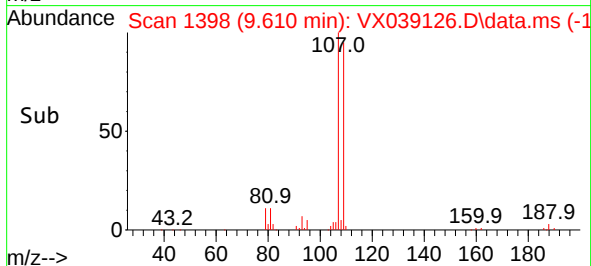
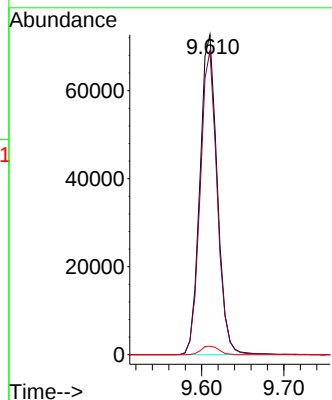
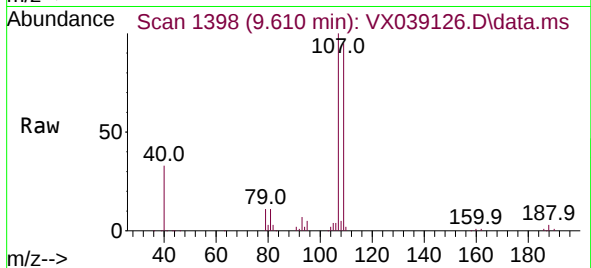
Tgt Ion:107 Resp: 106064

Ion Ratio Lower Upper

107 100

109 94.9 65.2 121.0

188 2.6 2.5 3.7



#51

Chlorobenzene

Concen: 51.556 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

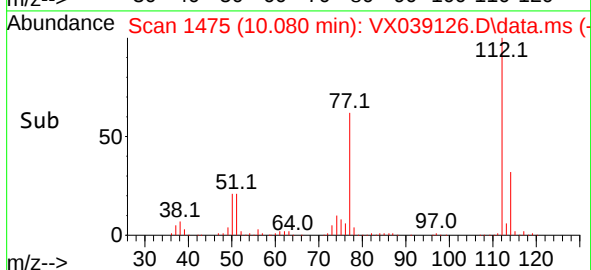
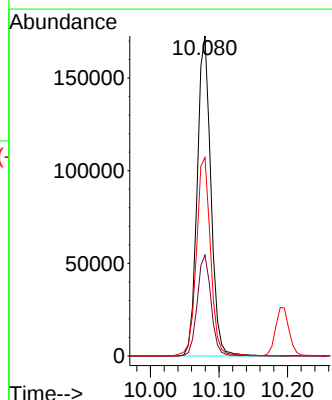
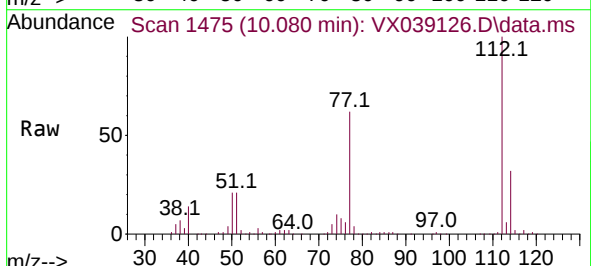
Tgt Ion:112 Resp: 239717

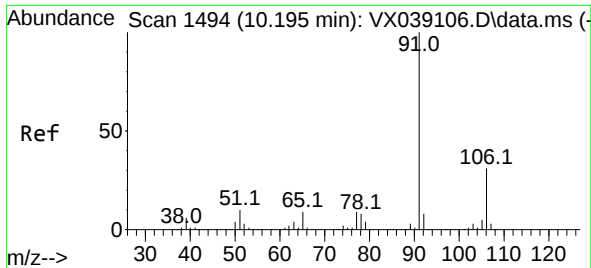
Ion Ratio Lower Upper

112 100

114 31.5 21.8 40.4

77 62.0 49.0 73.6

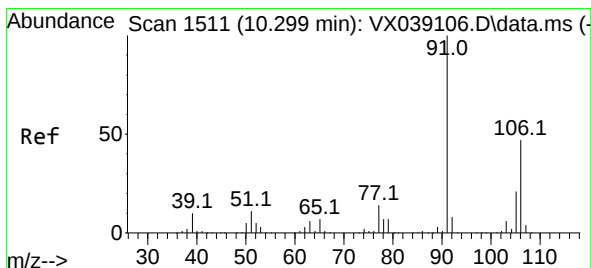
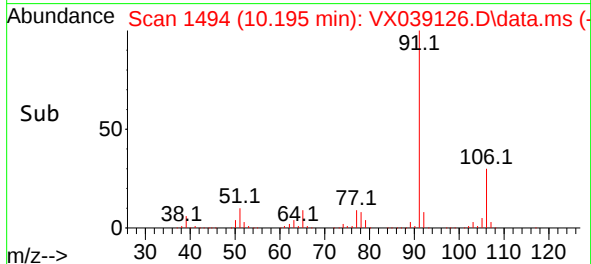
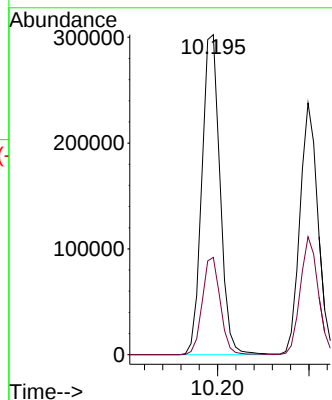
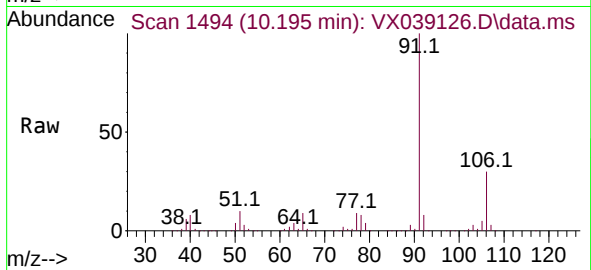




#52
Ethylbenzene
Concen: 49.465 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

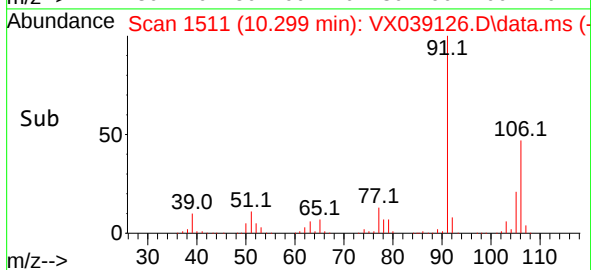
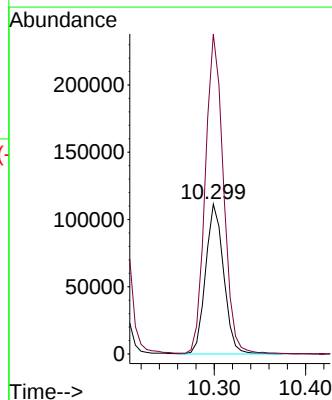
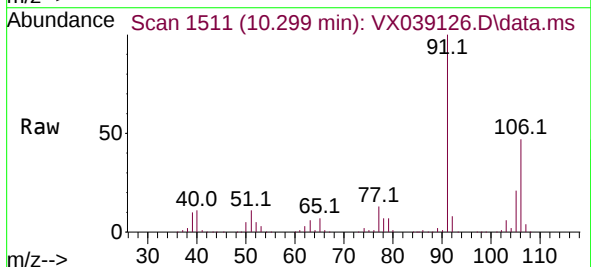
Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

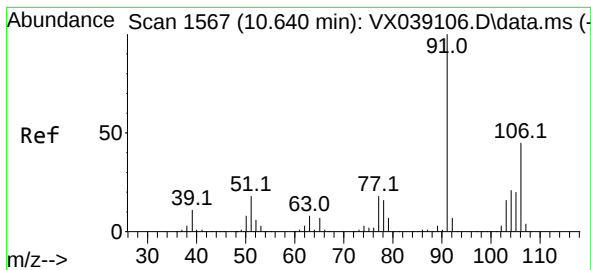
Tgt Ion: 91 Resp: 416262
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 48.710 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 106 Resp: 153258
Ion Ratio Lower Upper
106 100
91 213.5 149.0 276.8





#54

o-Xylene

Concen: 50.154 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

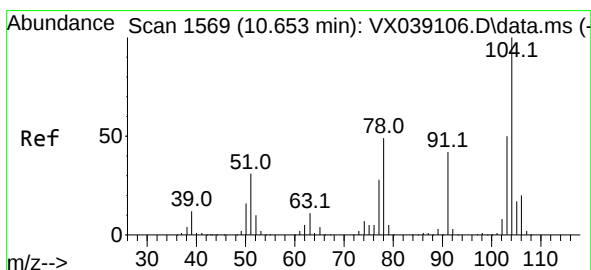
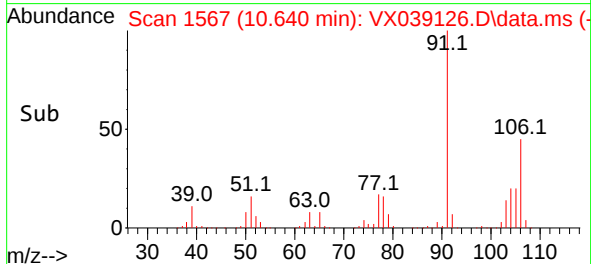
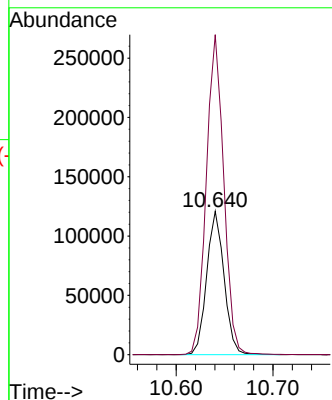
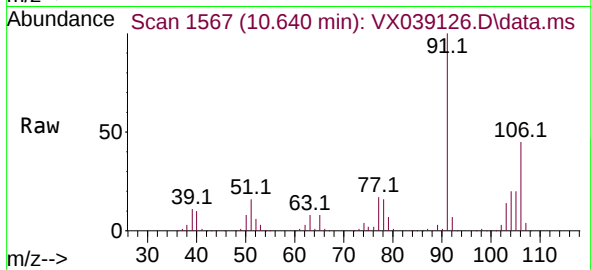
VSTD050700

Tgt Ion:106 Resp: 151419

Ion Ratio Lower Upper

106 100

91 223.2 156.2 290.0



#55

Styrene

Concen: 50.656 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039126.D

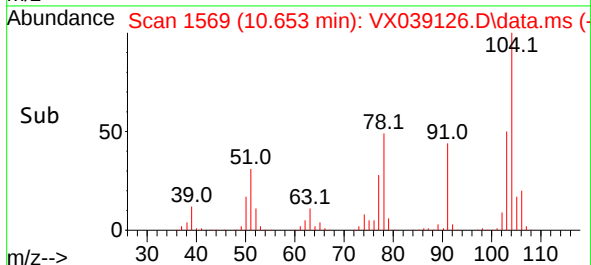
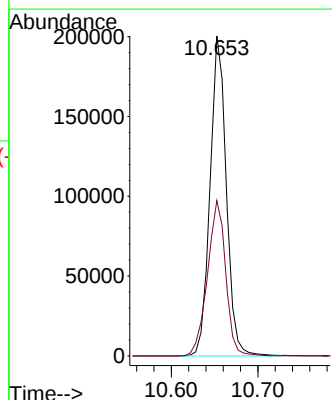
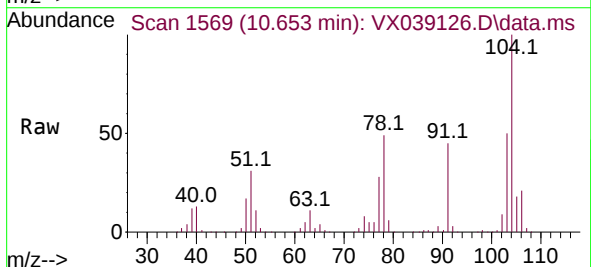
Acq: 08 Dec 2023 23:25

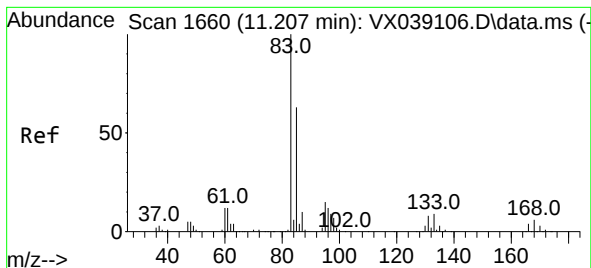
Tgt Ion:104 Resp: 261679

Ion Ratio Lower Upper

104 100

78 48.6 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 54.375 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050700

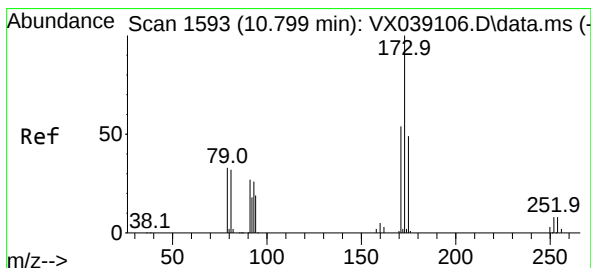
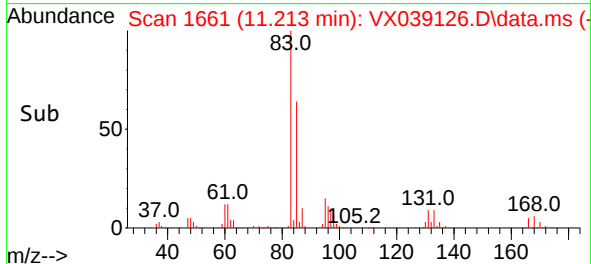
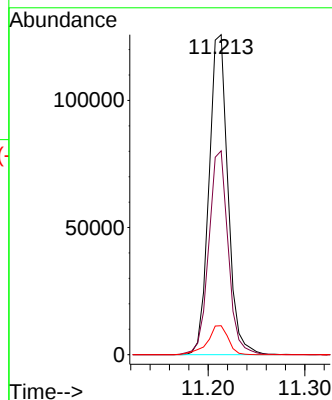
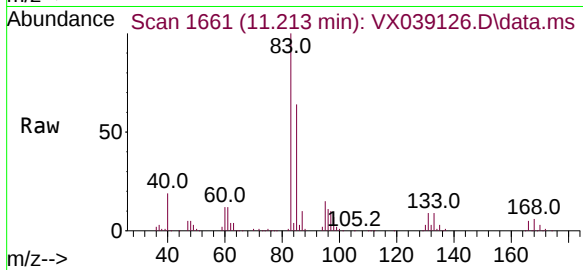
Tgt Ion: 83 Resp: 171203

Ion Ratio Lower Upper

83 100

85 63.7 45.2 84.0

131 9.1 7.2 10.8



#59

Bromoform

Concen: 53.052 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

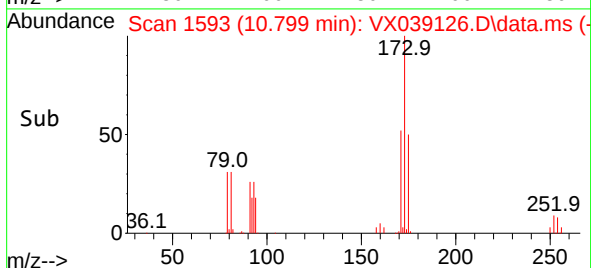
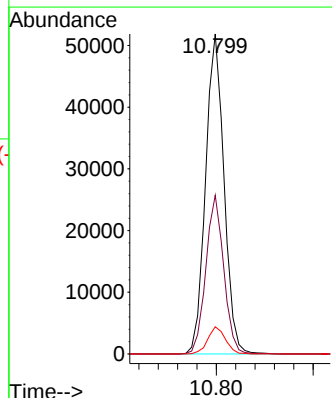
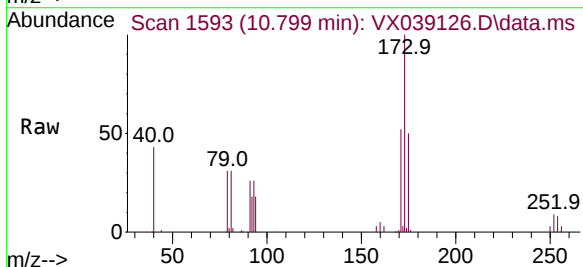
Tgt Ion:173 Resp: 68768

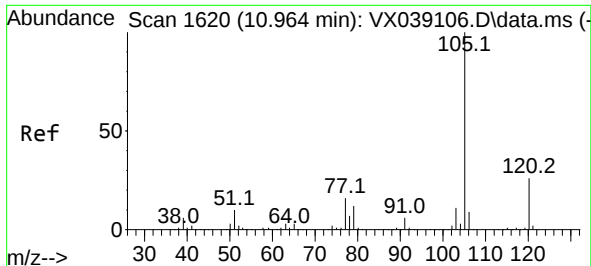
Ion Ratio Lower Upper

173 100

175 48.1 38.7 58.1

254 8.2 6.2 9.2

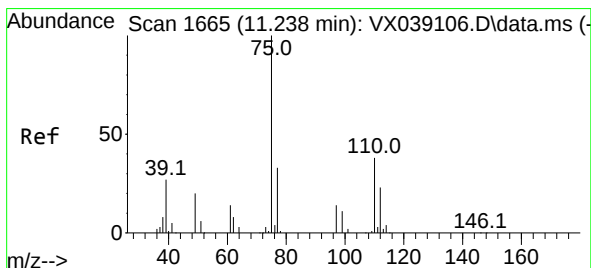
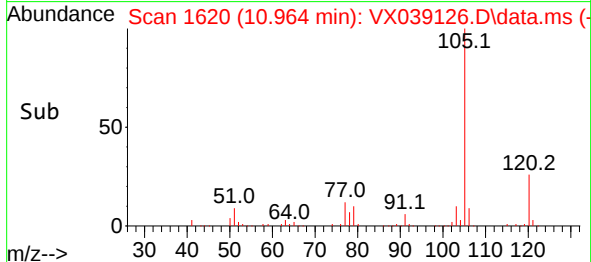
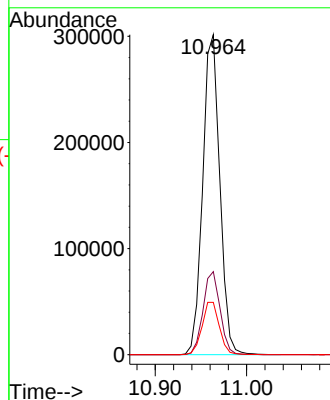
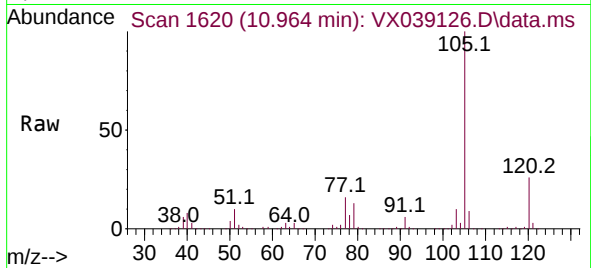




#60
Isopropylbenzene
Concen: 48.744 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

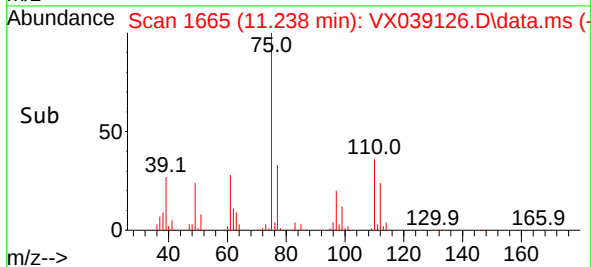
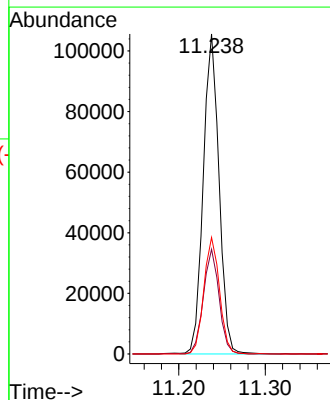
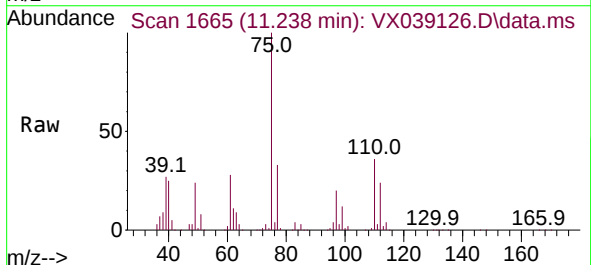
Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

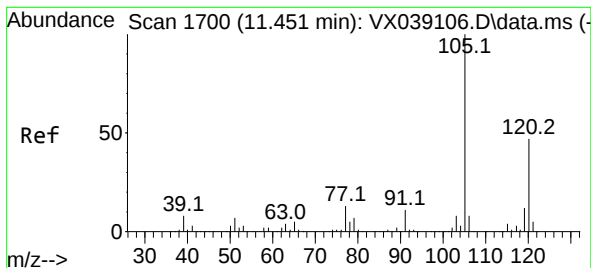
Tgt Ion:105 Resp: 392831
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 55.186 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion: 75 Resp: 133332
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 36.1 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 49.356 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

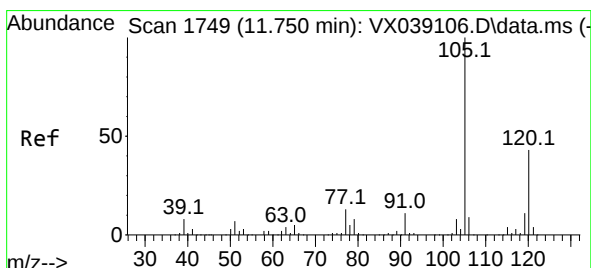
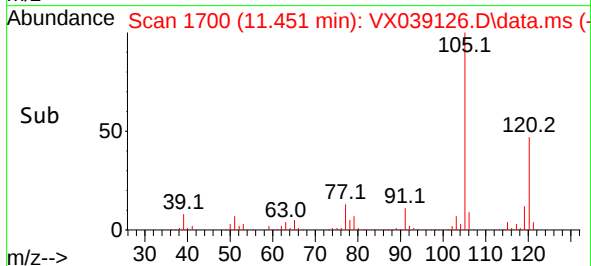
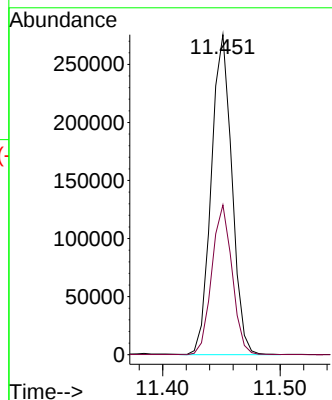
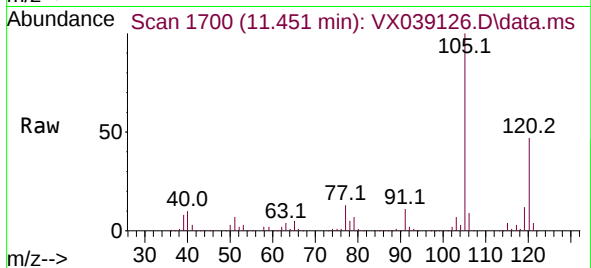
VSTD050700

Tgt Ion:105 Resp: 335812

Ion Ratio Lower Upper

105 100

120 46.1 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 49.562 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039126.D

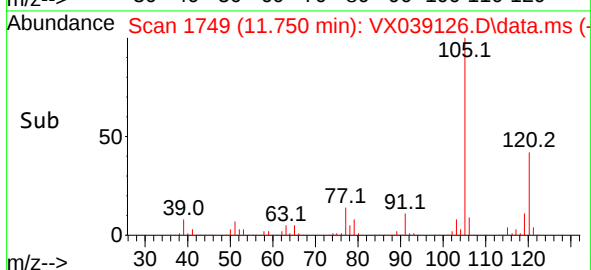
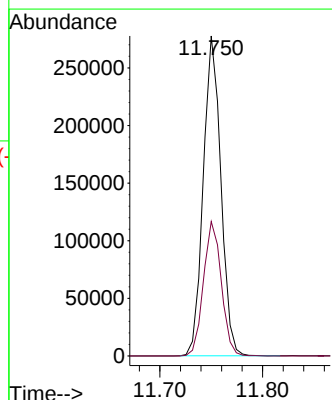
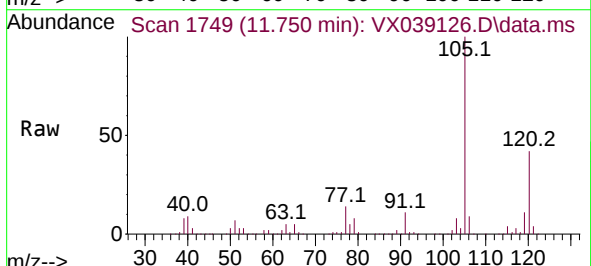
Acq: 08 Dec 2023 23:25

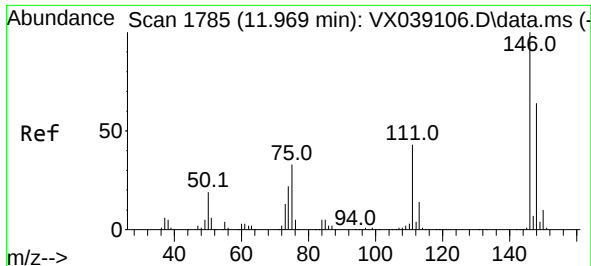
Tgt Ion:105 Resp: 330660

Ion Ratio Lower Upper

105 100

120 42.7 34.9 52.3

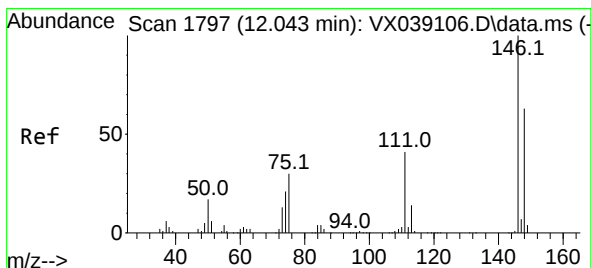
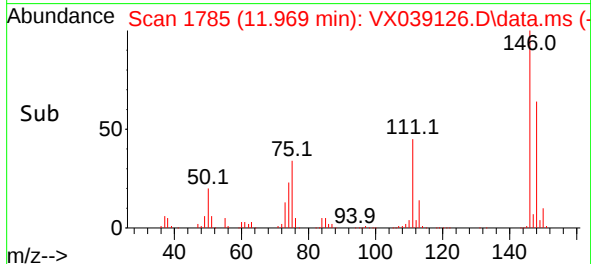
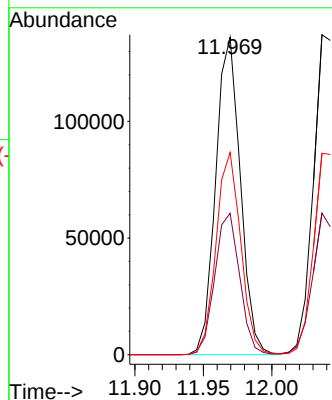
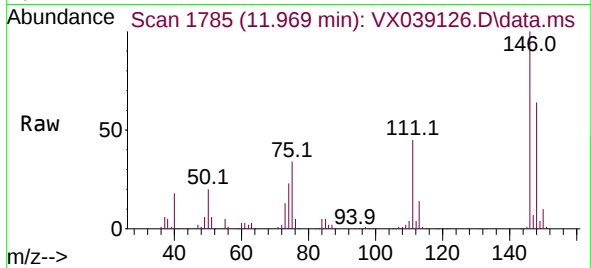




#64
1,3-Dichlorobenzene
Concen: 49.389 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

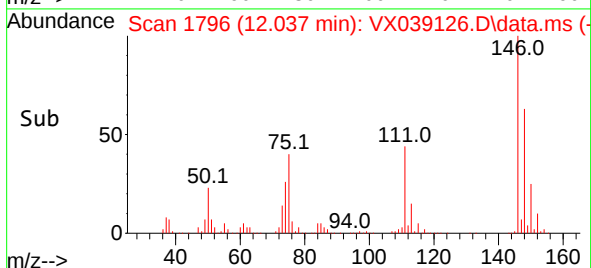
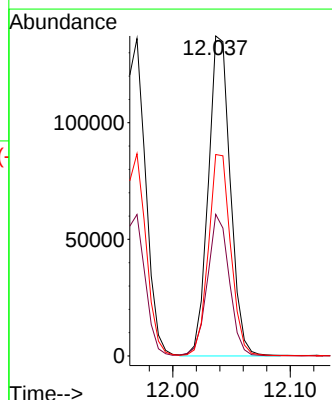
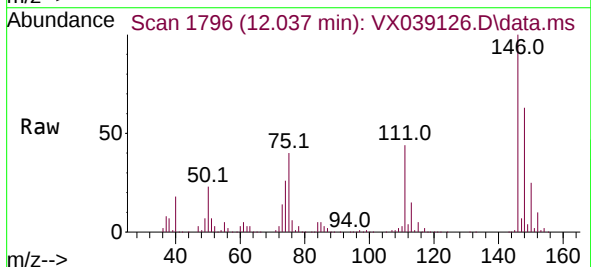
Instrument :
MSVOA_X
ClientSampleId :
VSTD050700

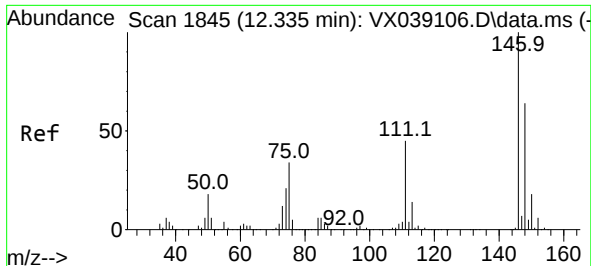
Tgt Ion:146 Resp: 170367
Ion Ratio Lower Upper
146 100
111 44.5 30.0 55.6
148 63.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 51.283 ug/L
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX039126.D
Acq: 08 Dec 2023 23:25

Tgt Ion:146 Resp: 179258
Ion Ratio Lower Upper
146 100
111 44.3 29.7 55.1
148 63.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 51.274 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050700

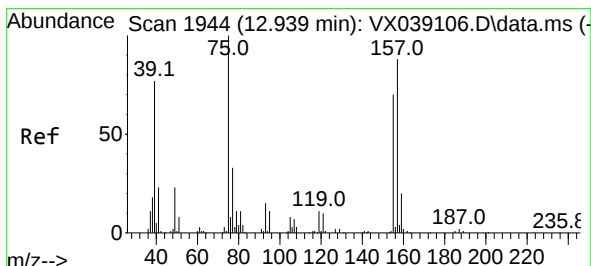
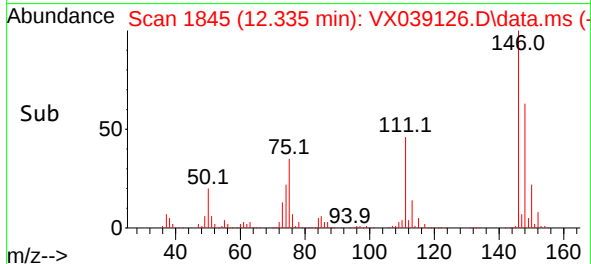
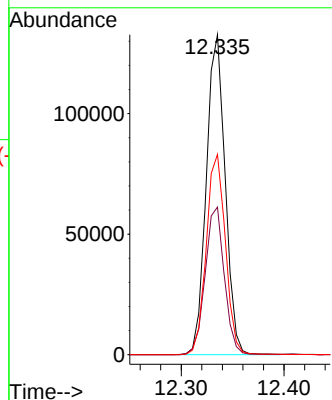
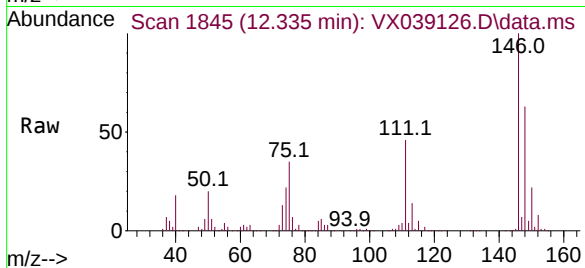
Tgt Ion:146 Resp: 169188

Ion Ratio Lower Upper

146 100

111 46.2 36.4 54.6

148 62.6 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.959 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

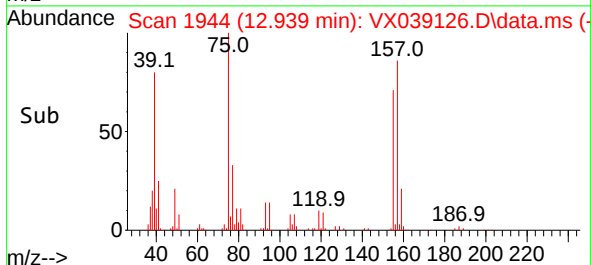
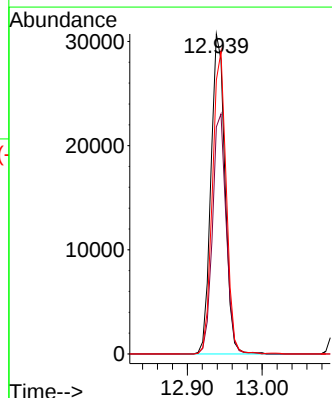
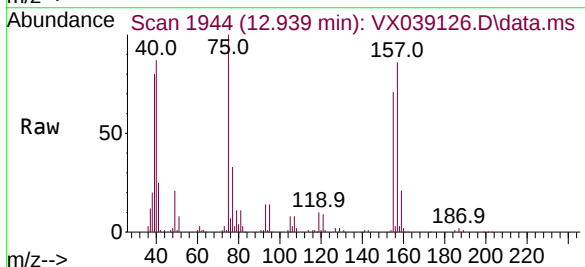
Tgt Ion: 75 Resp: 39933

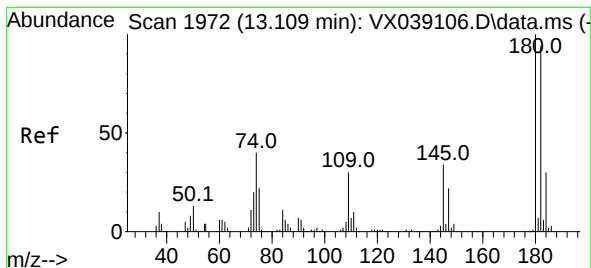
Ion Ratio Lower Upper

75 100

155 71.0 52.3 78.5

157 85.6 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 49.009 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050700

Tgt Ion:180 Resp: 111800

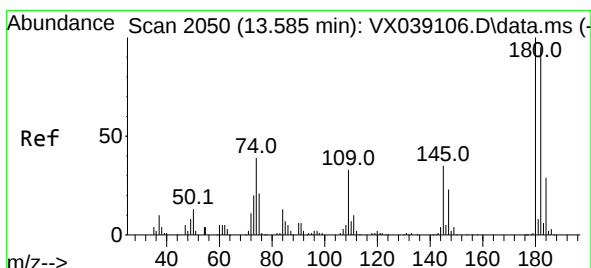
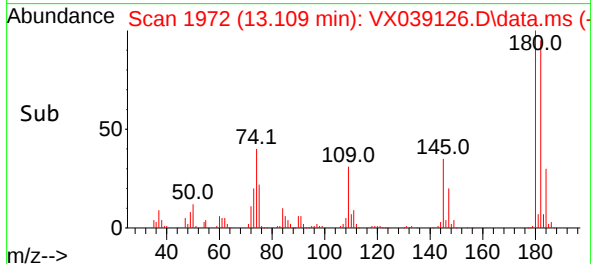
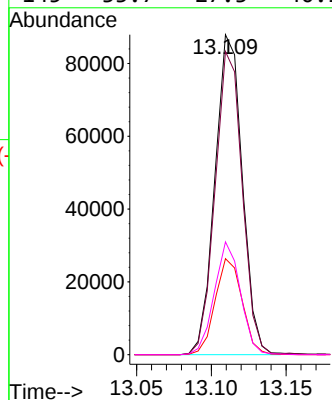
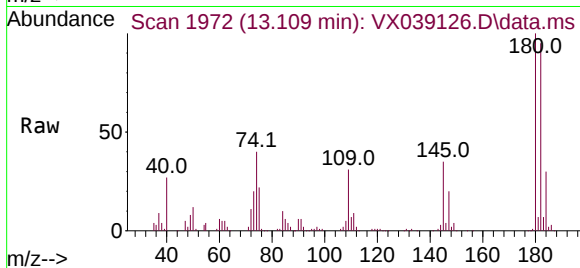
Ion Ratio Lower Upper

180 100

182 93.8 76.1 114.1

184 29.6 24.1 36.1

145 33.7 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 51.070 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

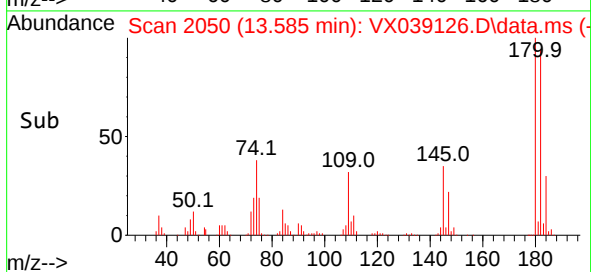
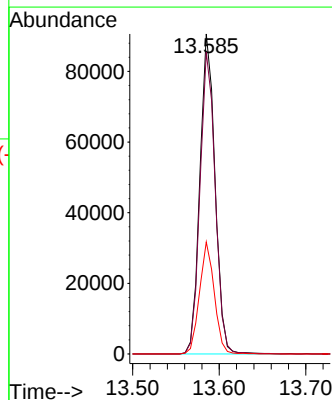
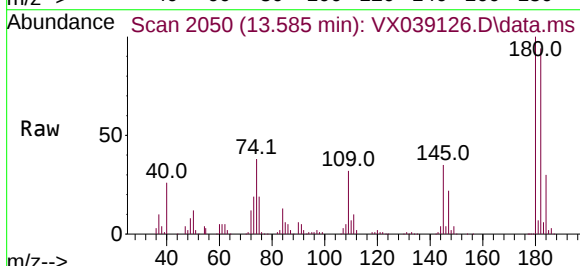
Tgt Ion:180 Resp: 109829

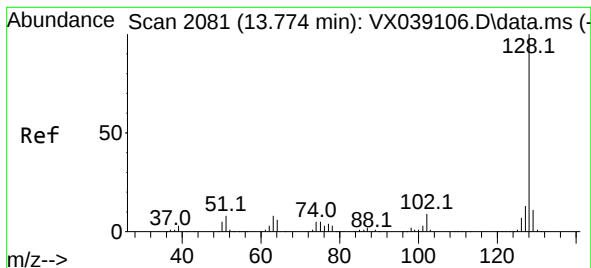
Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

145 34.3 27.8 41.6





#71

Naphthalene

Concen: 52.672 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050700

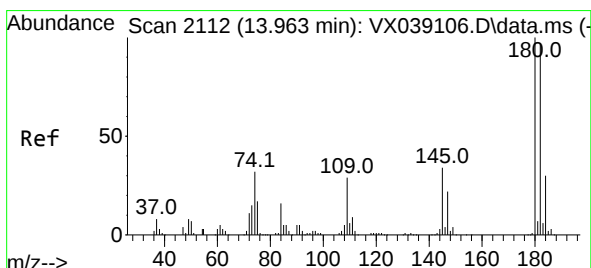
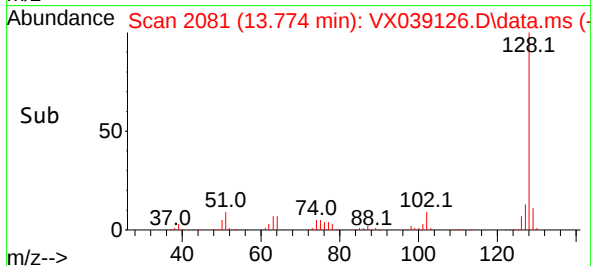
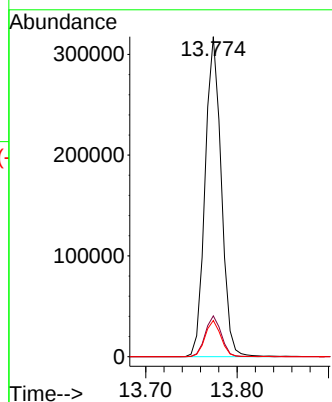
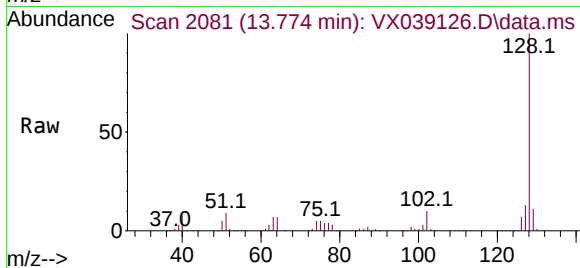
Tgt Ion:128 Resp: 388481

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.718 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039126.D

Acq: 08 Dec 2023 23:25

Tgt Ion:180 Resp: 105611

Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 36.2 28.6 42.8

