

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039298.D
 Acq On : 18 Dec 2023 09:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 21:41:44 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	6.757	114	223018	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207379	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69564	39.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.540%
7) Chloroethane-d5	1.666	69	50866	39.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.680%
11) 1,1-Dichloroethene-d2	2.300	65	36516	47.556	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.120%
21) 2-Butanone-d5	4.452	46	162219	102.450	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.450%
24) Chloroform-d	5.056	84	155648	50.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.520%
26) 1,2-Dichloroethane-d4	5.952	65	104493	52.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.220%
32) Benzene-d6	5.970	84	304118	47.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.040%
36) 1,2-Dichloropropane-d6	7.306	67	97952	47.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	8.647	98	276128	47.608	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
43) trans-1,3-Dichloroprop...	8.945	79	49549	47.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.540%
47) 2-Hexanone-d5	9.384	63	120315	97.802	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.800%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142836	48.885	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.780%
66) 1,2-Dichlorobenzene-d4	12.317	152	93400	48.099	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97932	55.063	ug/L	97
3) Chloromethane	1.301	50	92741	49.889	ug/L	99
5) Vinyl chloride	1.374	62	88638	48.380	ug/L	98
6) Bromomethane	1.605	94	48019	48.557	ug/L	96
8) Chloroethane	1.685	64	50655	48.905	ug/L	96
9) Trichlorofluoromethane	1.886	101	129593	54.577	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	86967	56.938	ug/L	99
12) 1,1-Dichloroethene	2.319	96	77074	53.646	ug/L	88
13) Acetone	2.380	43	180309	118.536	ug/L	95
14) Carbon disulfide	2.508	76	230724	50.467	ug/L	99
15) Methyl Acetate	2.703	43	124844	57.420	ug/L	98
16) Methylene chloride	2.788	84	88365	53.532	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	79910	52.789	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	287555	54.573	ug/L	97
19) 1,1-Dichloroethane	3.605	63	162045	54.139	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	91994	52.394	ug/L	95
22) 2-Butanone	4.556	43	209590	112.272	ug/L	99
23) Bromochloromethane	4.897	128	43927	53.221	ug/L	90
25) Chloroform	5.093	83	165208	55.338	ug/L	100

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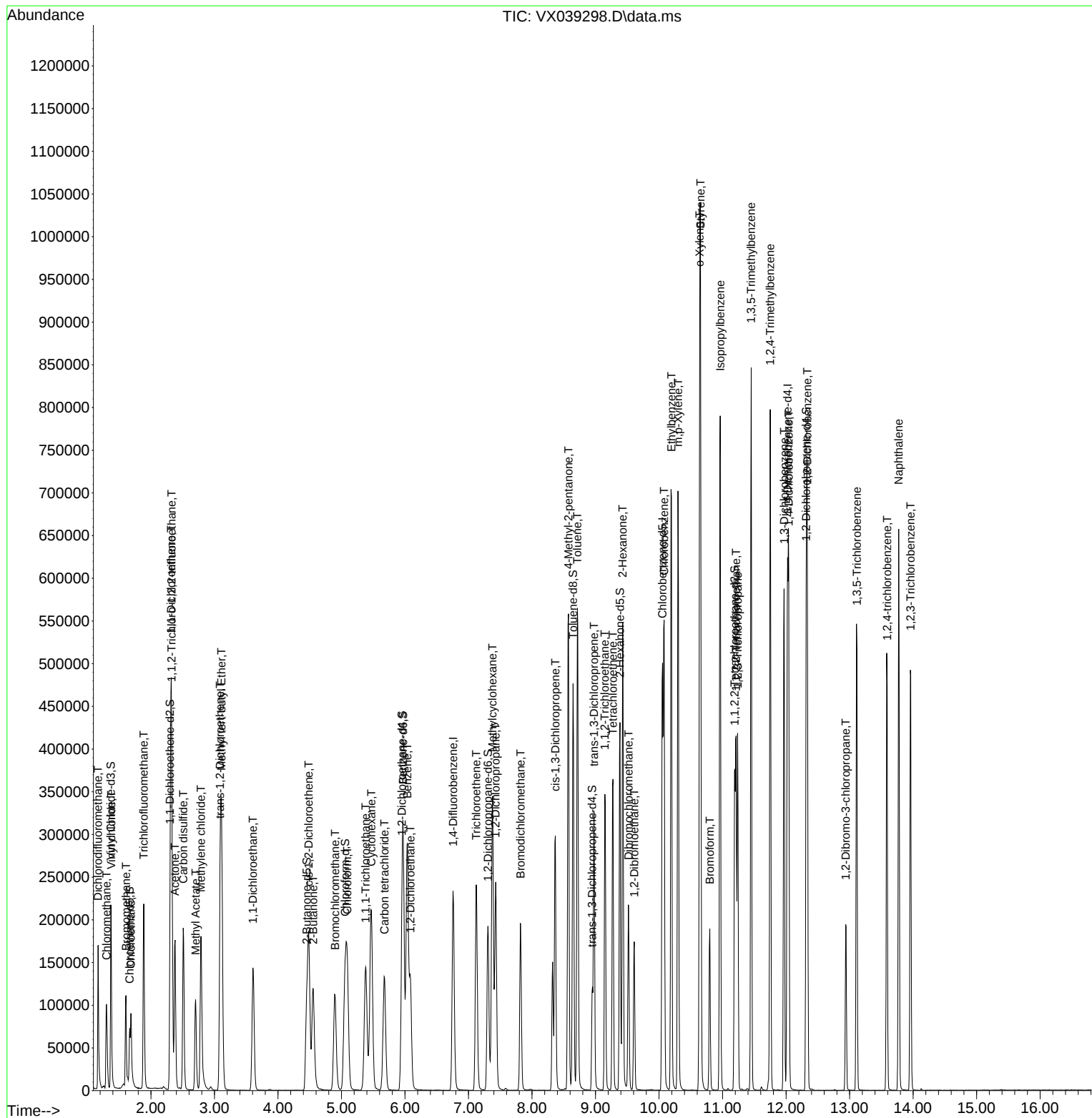
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27) 1,2-Dichloroethane	6.086	62	140450	59.606	ug/L #	94
29) Cyclohexane	5.471	56	151157	52.105	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	139776	55.551	ug/L	98
31) Carbon tetrachloride	5.678	117	115955	55.235	ug/L	100
33) Benzene	6.037	78	343440	52.113	ug/L	100
34) Trichloroethene	7.123	95	94382	54.191	ug/L	96
35) Methylcyclohexane	7.379	83	151555	52.248	ug/L	96
37) 1,2-Dichloropropane	7.427	63	95077	52.019	ug/L	100
38) Bromodichloromethane	7.818	83	122362	55.042	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	152956	52.470	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	339353	110.782	ug/L	99
42) Toluene	8.714	91	363591	52.026	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	144370	53.368	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	89392	53.369	ug/L	99
46) Tetrachloroethene	9.275	164	61438	53.474	ug/L	98
48) 2-Hexanone	9.427	43	287318	112.066	ug/L	97
49) Dibromochloromethane	9.519	129	87432	53.580	ug/L	99
50) 1,2-Dibromoethane	9.610	107	94780	52.818	ug/L	96
51) Chlorobenzene	10.079	112	224201	51.937	ug/L	96
52) Ethylbenzene	10.195	91	415575	53.191	ug/L	98
53) m,p-Xylene	10.299	106	153008	52.380	ug/L	98
54) o-Xylene	10.640	106	147889	52.761	ug/L	97
55) Styrene	10.652	104	252267	52.599	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	154259	52.771	ug/L	100
59) Bromoform	10.799	173	61947	51.306	ug/L	100
60) Isopropylbenzene	10.963	105	404984	53.949	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	124211	55.193	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	342469	54.038	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	336415	54.135	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	170796	53.157	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	171262	52.601	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	164787	53.615	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	40373	57.482	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	114822	54.037	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	105998	52.915	ug/L	99
71) Naphthalene	13.774	128	369234	53.746	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	104453	53.853	ug/L	98

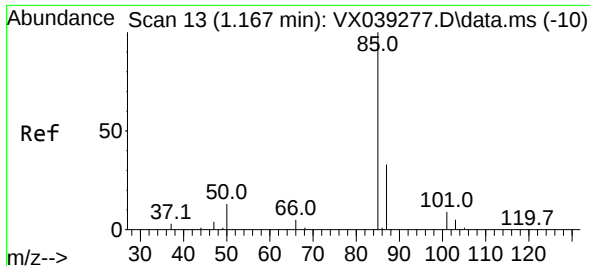
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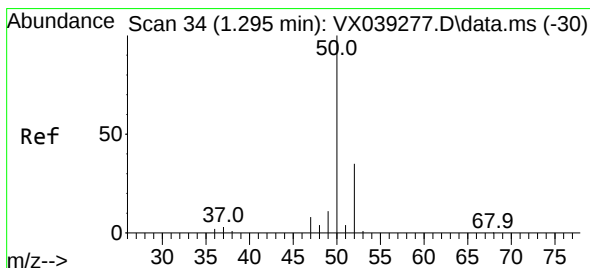
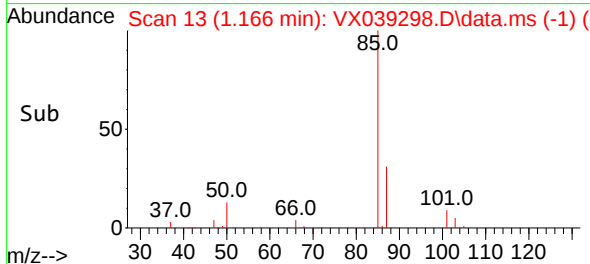
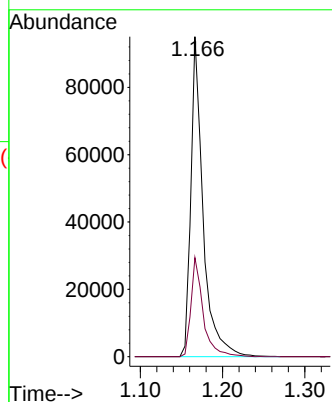
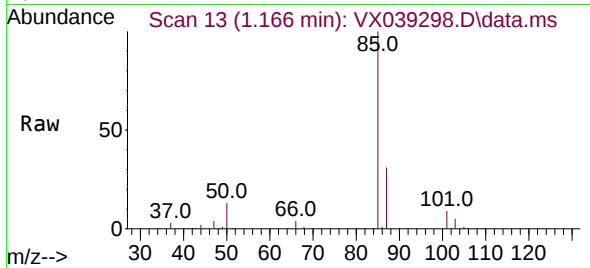




#2
 Dichlorodifluoromethane
 Concen: 55.063 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039298.D
 Acq: 18 Dec 2023 09:47

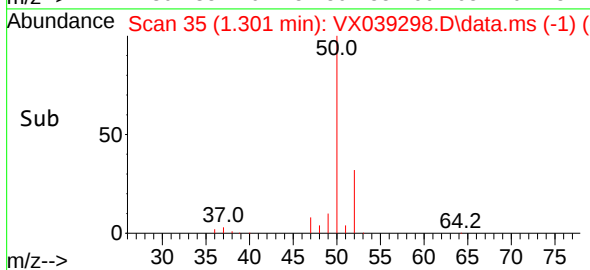
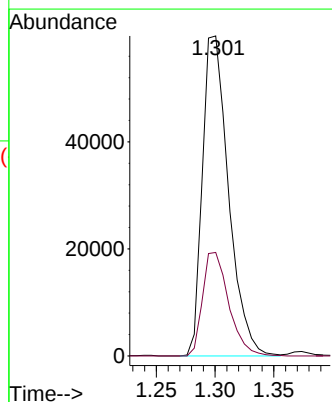
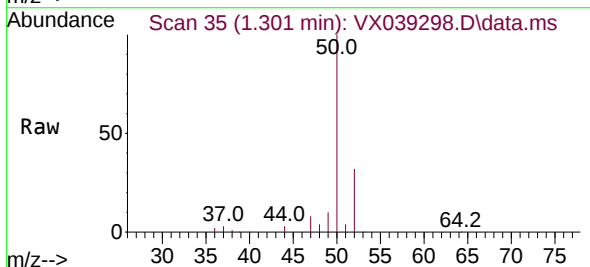
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 ClientSampleId :

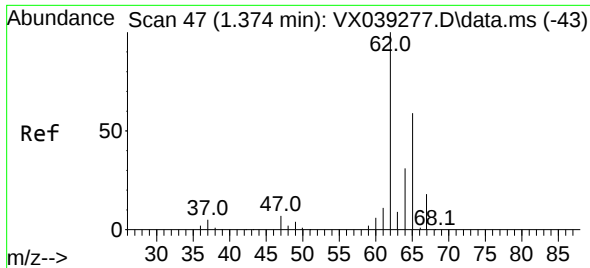
Tgt Ion: 85 Resp: 97932
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.2 39.4



#3
 Chloromethane
 Concen: 49.889 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.006 min
 Lab File: VX039298.D
 Acq: 18 Dec 2023 09:47

Tgt Ion: 50 Resp: 92741
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.4 41.6

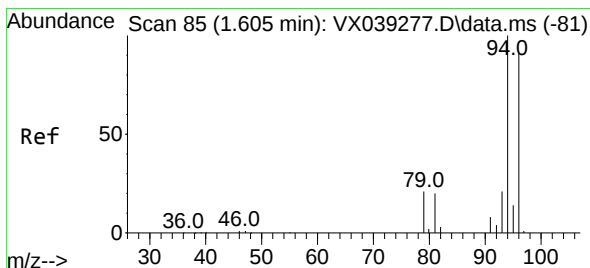
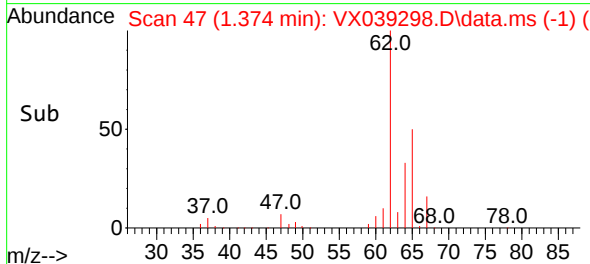
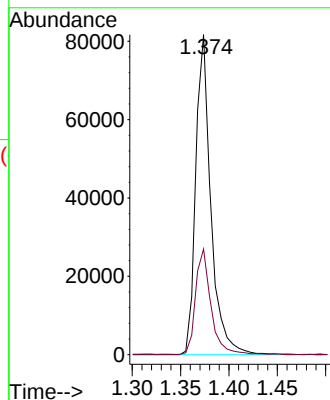
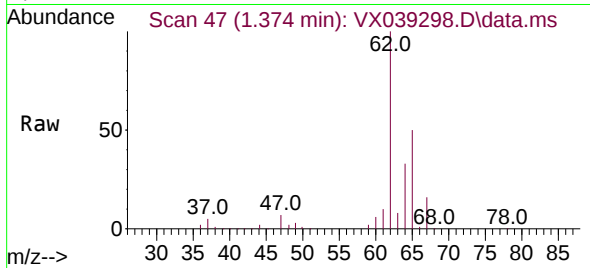




#5
 Vinyl chloride
 Concen: 48.380 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039298.D
 Acq: 18 Dec 2023 09:47

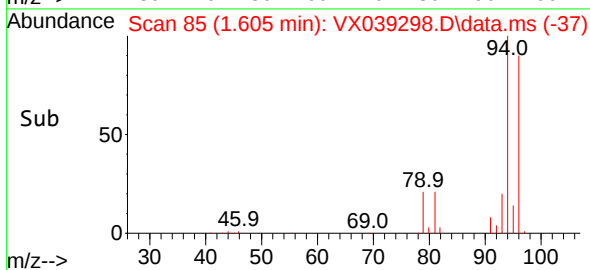
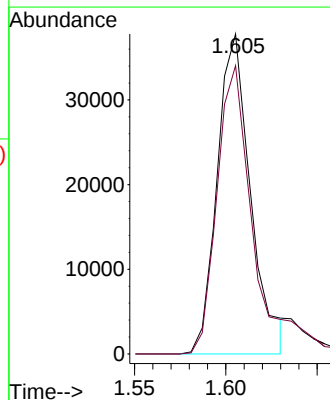
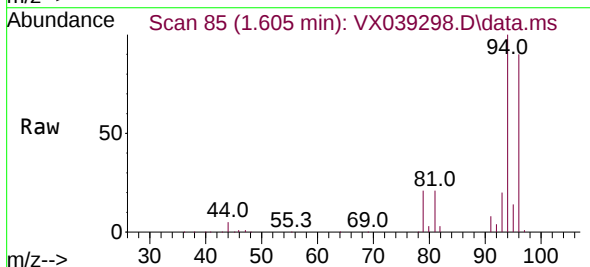
Instrument :
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 ClientSampleId :

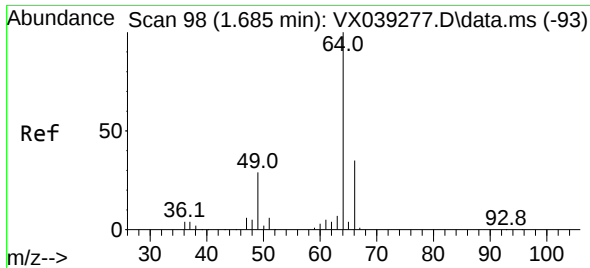
Tgt Ion: 62 Resp: 88638
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.3 41.3



#6
 Bromomethane
 Concen: 48.557 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX039298.D
 Acq: 18 Dec 2023 09:47

Tgt Ion: 94 Resp: 48019
 Ion Ratio Lower Upper
 94 100
 96 90.1 65.8 122.2

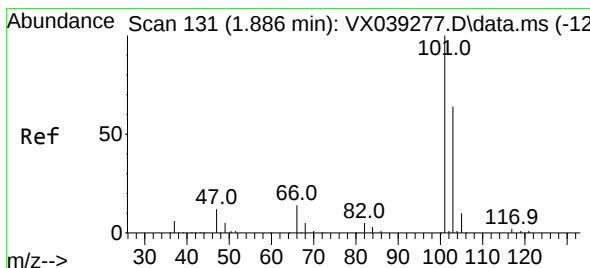
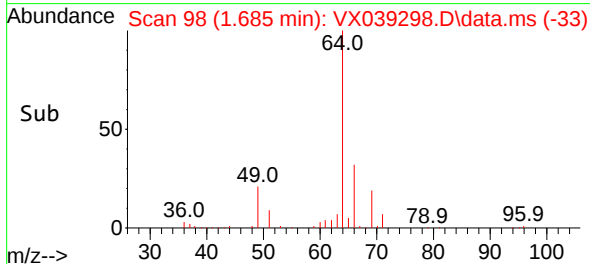
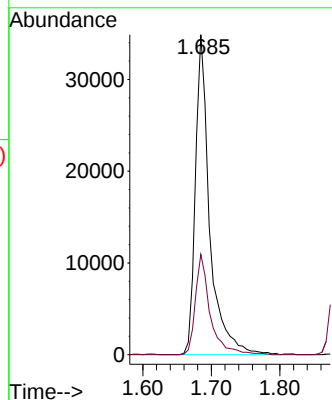
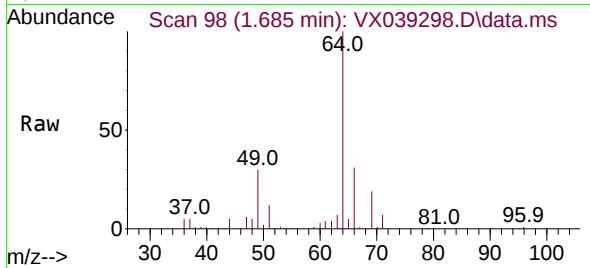




#8
Chloroethane
Concen: 48.905 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

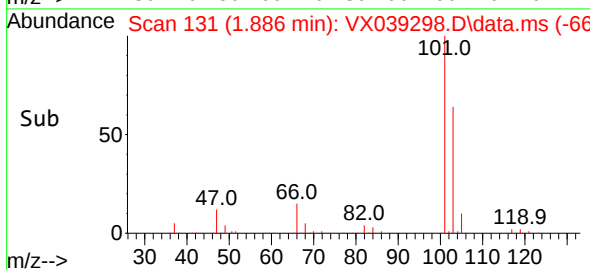
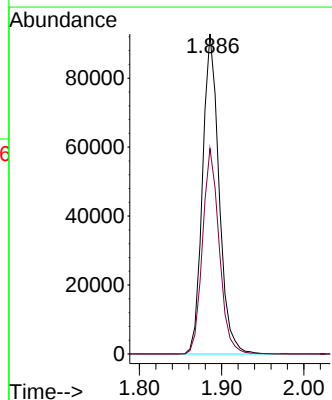
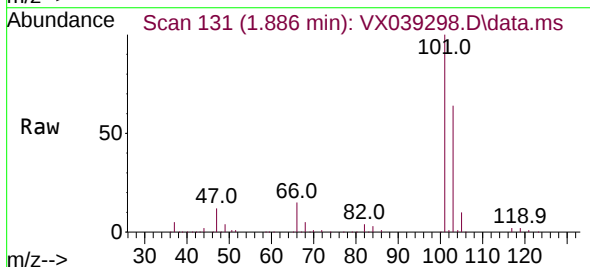
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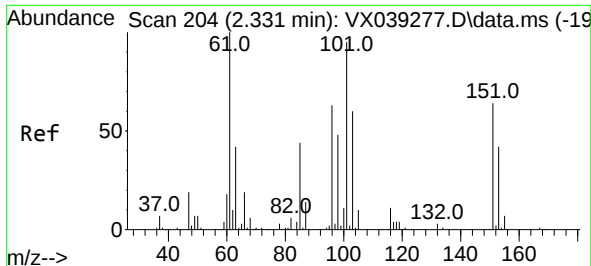
Tgt Ion: 64 Resp: 50655
Ion Ratio Lower Upper
64 100
66 31.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 54.577 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion: 101 Resp: 129593
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

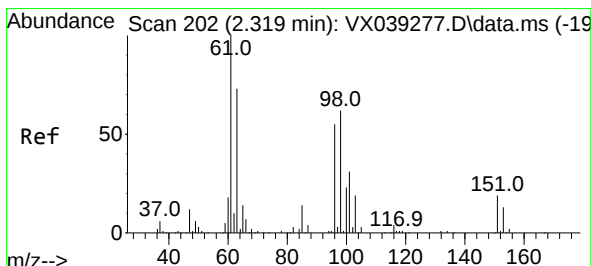
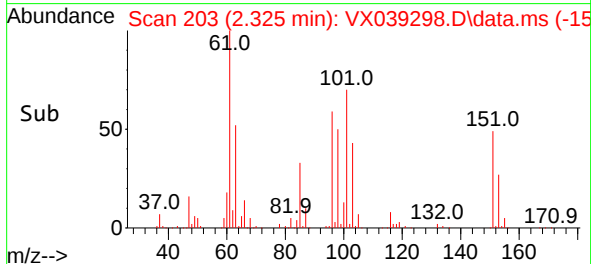
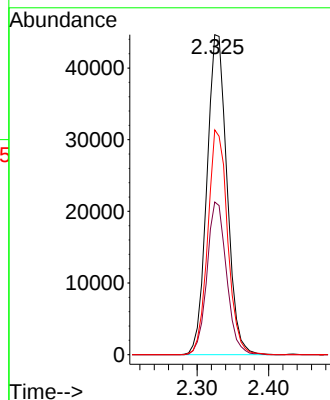
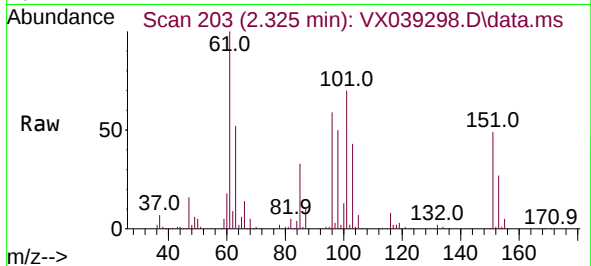




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 56.938 ug/L
 RT: 2.325 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX039298.D
 Acq: 18 Dec 2023 09:47

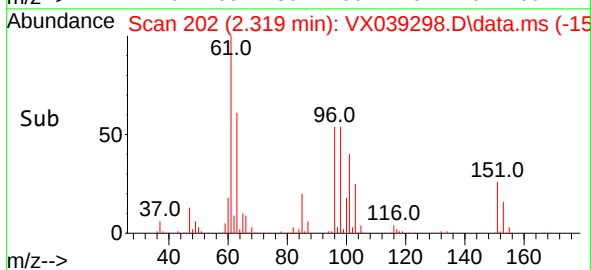
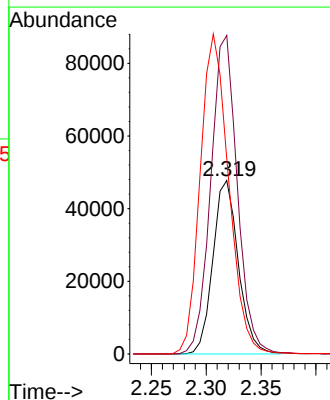
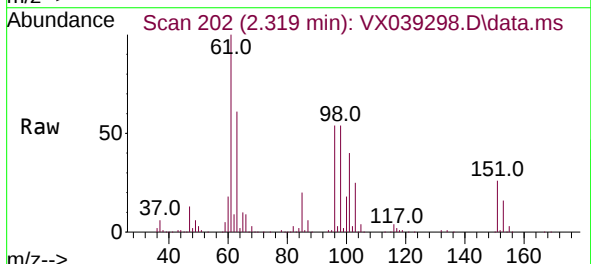
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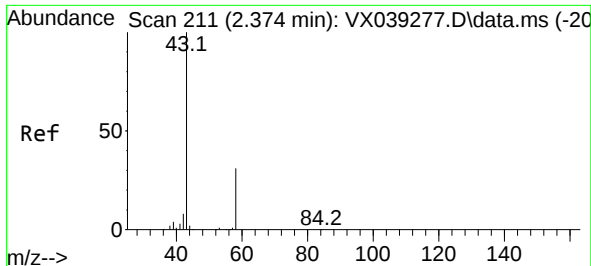
Tgt Ion:101 Resp: 86967
 Ion Ratio Lower Upper
 101 100
 85 46.4 35.8 53.6
 151 69.4 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 53.646 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039298.D
 Acq: 18 Dec 2023 09:47

Tgt Ion: 96 Resp: 77074
 Ion Ratio Lower Upper
 96 100
 61 183.6 128.0 237.6
 63 112.5 101.5 188.5





#13

Acetone

Concen: 118.536 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

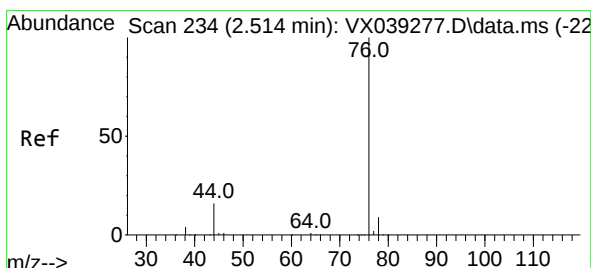
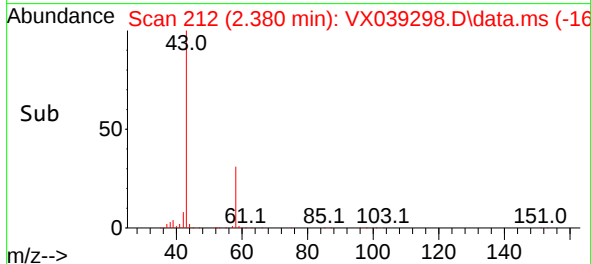
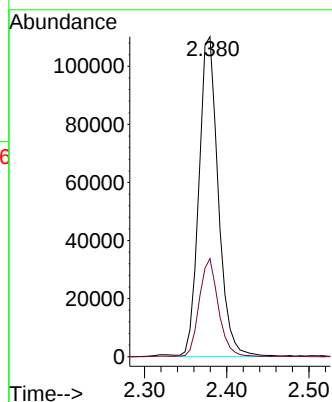
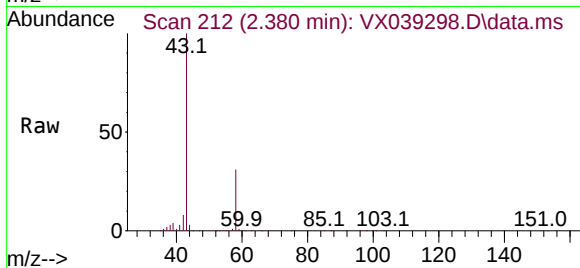
ClientSampleId :

Tgt Ion: 43 Resp: 180309

Ion Ratio Lower Upper

43 100

58 30.2 0.0 65.8



#14

Carbon disulfide

Concen: 50.467 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

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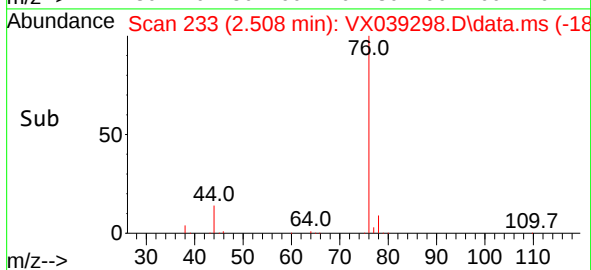
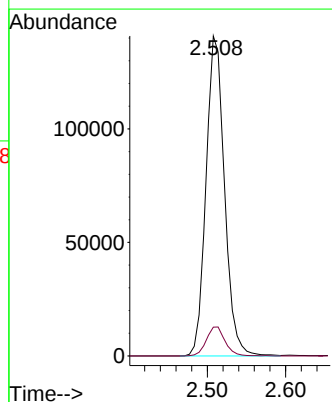
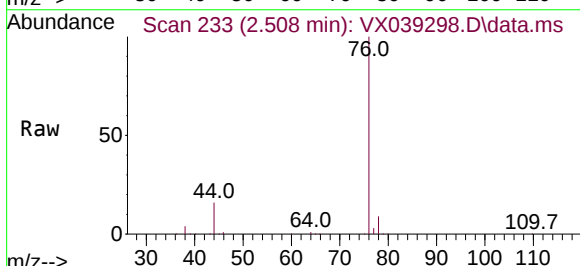
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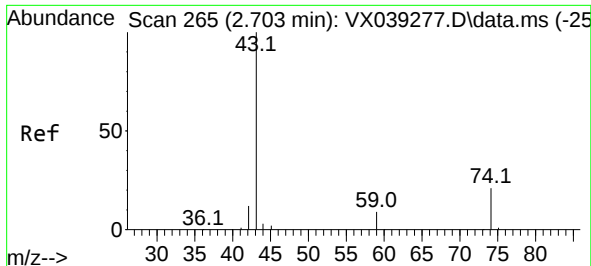
Tgt Ion: 76 Resp: 230724

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

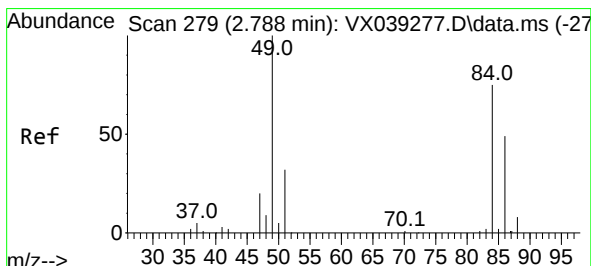
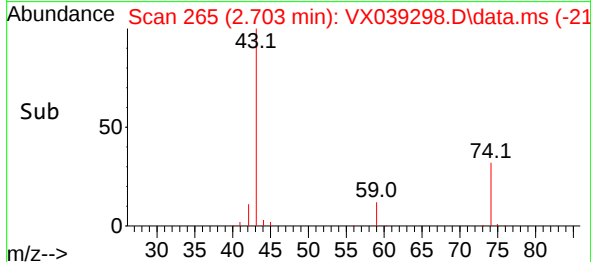
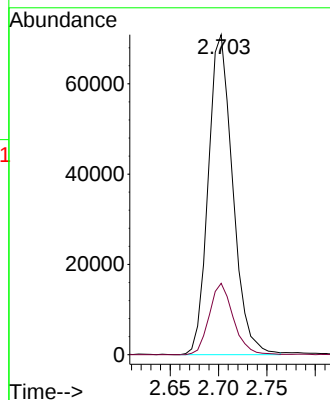
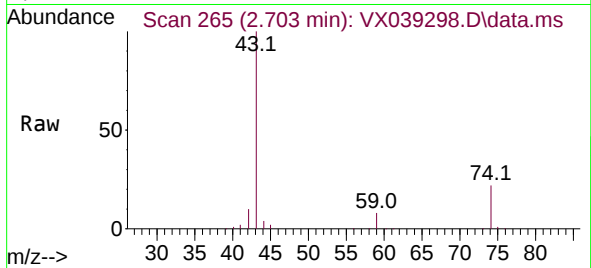




#15
Methyl Acetate
Concen: 57.420 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

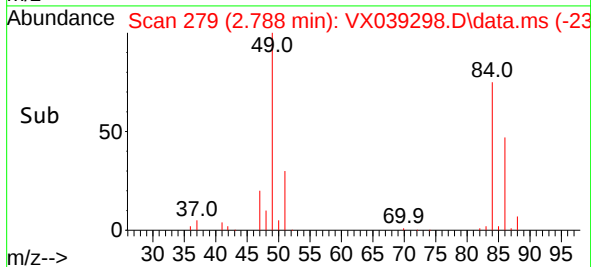
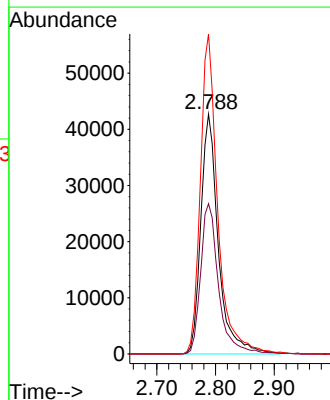
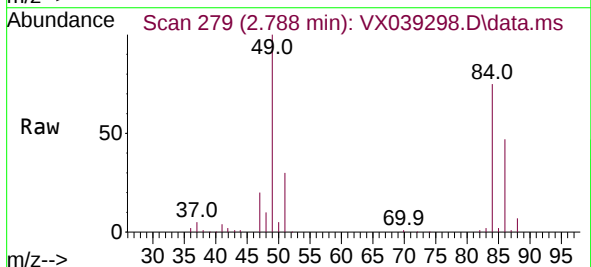
Instrument :
MSVOA_X
ClientSampleId :

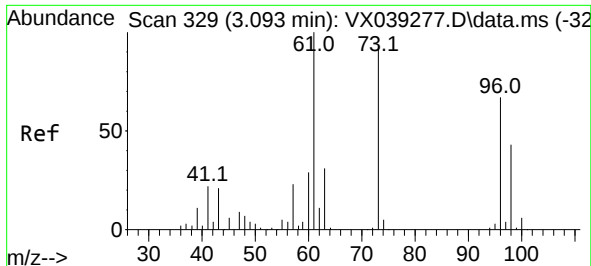
Tgt Ion: 43 Resp: 124844
Ion Ratio Lower Upper
43 100
74 21.9 18.2 27.4



#16
Methylene chloride
Concen: 53.532 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion: 84 Resp: 88365
Ion Ratio Lower Upper
84 100
86 62.7 44.7 82.9
49 133.4 90.9 168.7

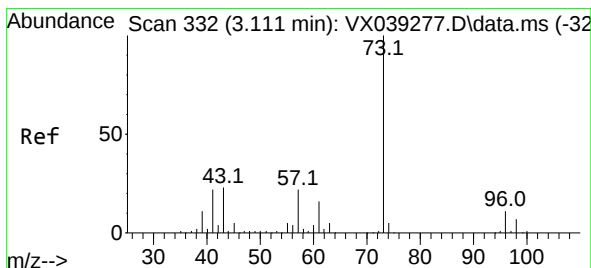
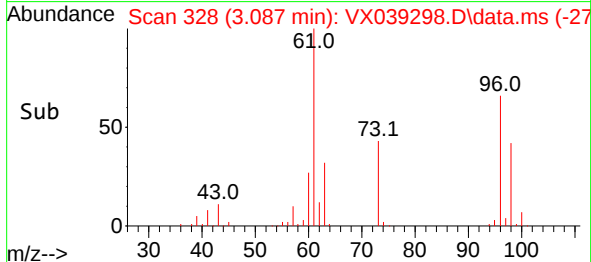
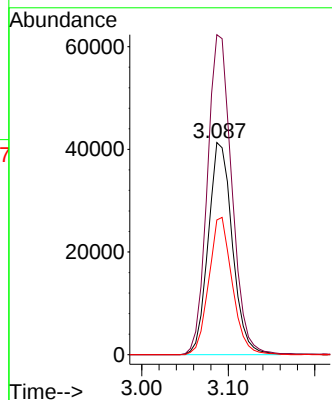
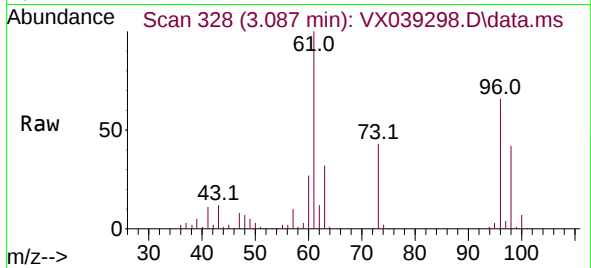




#17
trans-1,2-Dichloroethene
Concen: 52.789 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

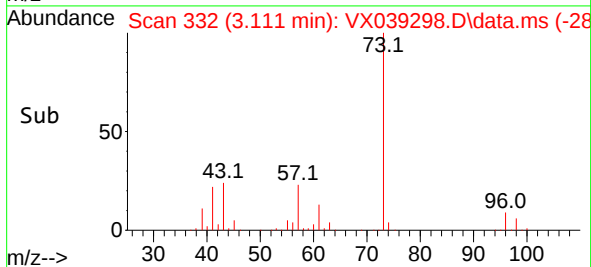
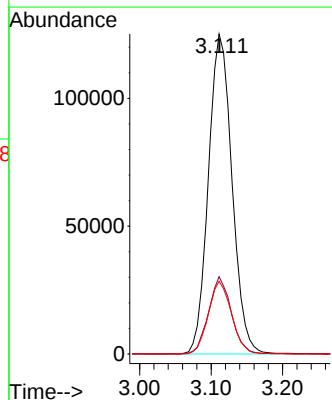
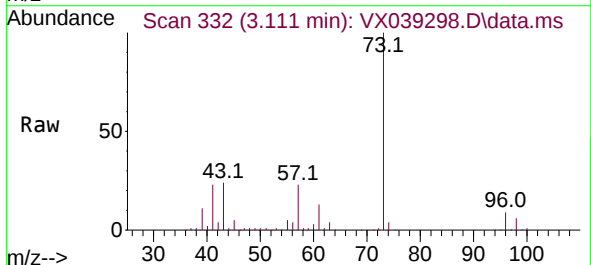
Instrument :
MSVOA_X
ClientSampleId :

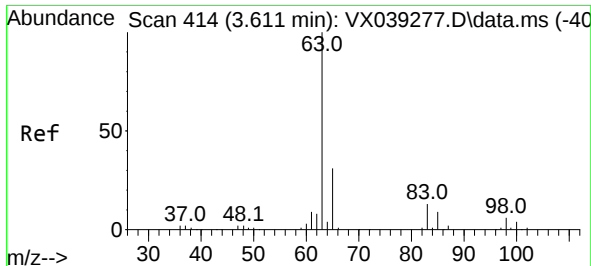
Tgt Ion: 96 Resp: 79910
Ion Ratio Lower Upper
96 100
61 150.8 99.8 185.3
98 63.5 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 54.573 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion: 73 Resp: 287555
Ion Ratio Lower Upper
73 100
43 23.2 16.9 25.3
57 22.3 18.5 27.7





#19

1,1-Dichloroethane

Concen: 54.139 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

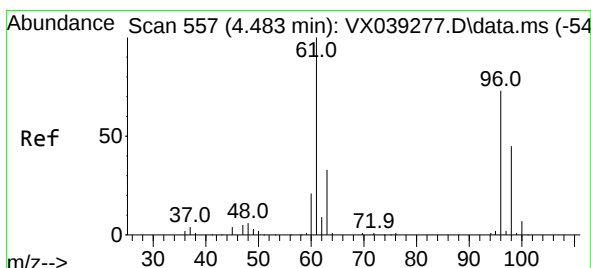
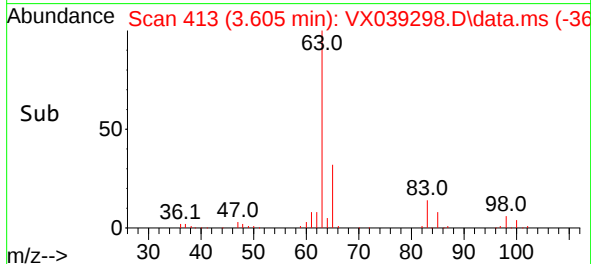
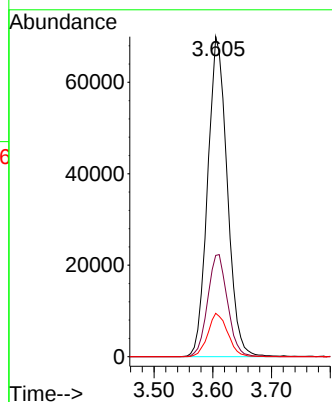
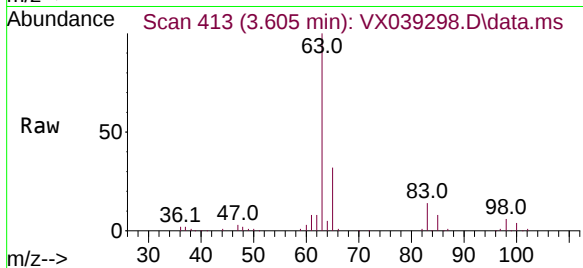
Tgt Ion: 63 Resp: 162045

Ion Ratio Lower Upper

63 100

65 31.7 21.1 39.3

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 52.394 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

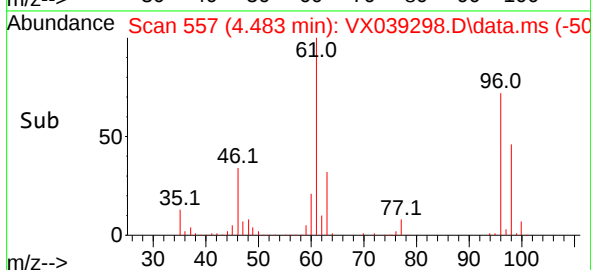
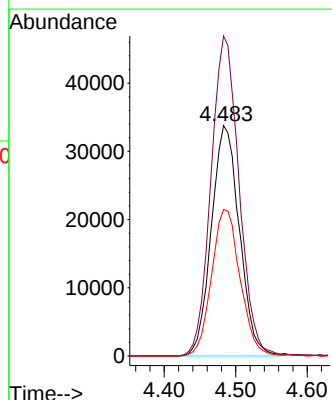
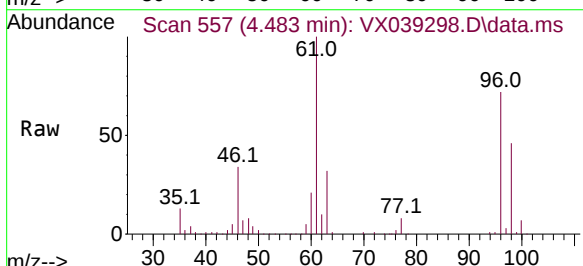
Tgt Ion: 96 Resp: 91994

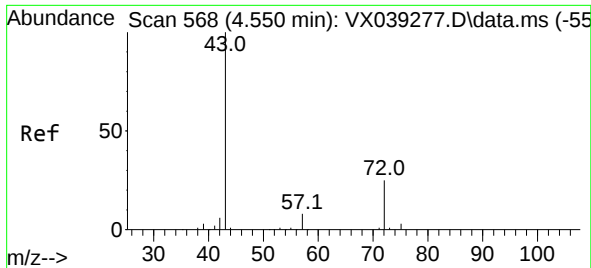
Ion Ratio Lower Upper

96 100

61 138.9 91.7 170.3

98 63.6 44.2 82.2

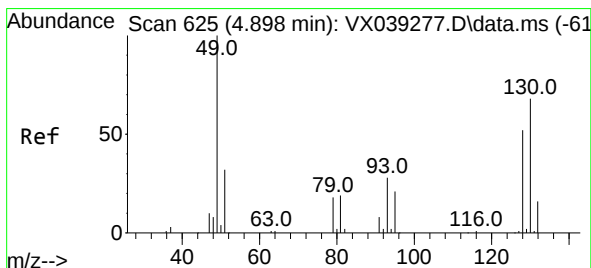
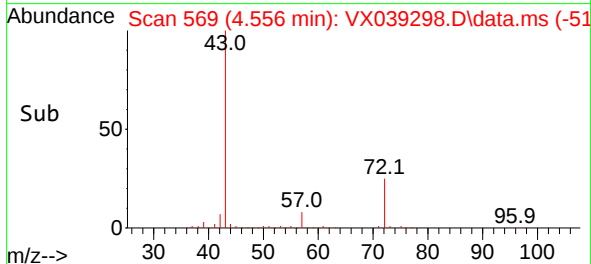
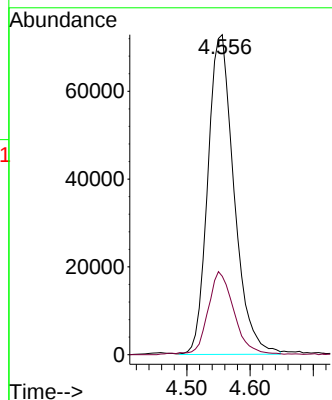
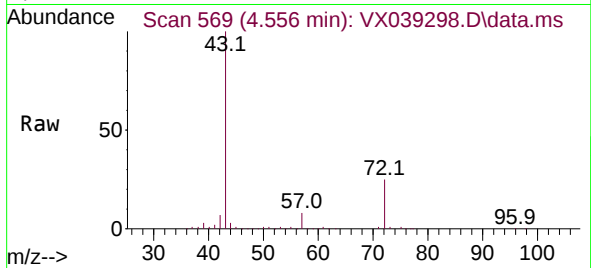




#22
2-Butanone
Concen: 112.272 ug/L
RT: 4.556 min Scan# 509
Delta R.T. 0.012 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

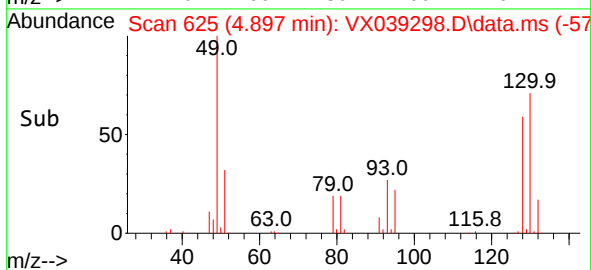
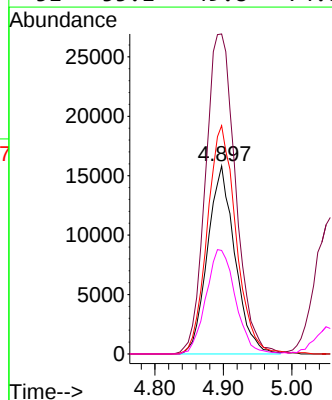
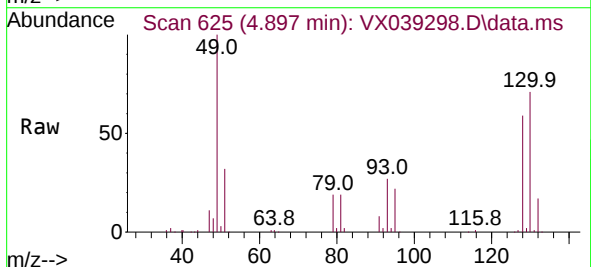
Instrument :
MSVOA_X
ClientSampleId :

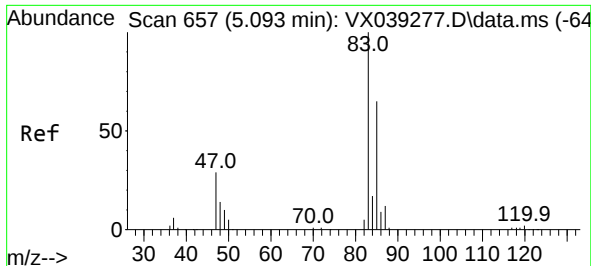
Tgt Ion: 43 Resp: 209590
Ion Ratio Lower Upper
43 100
72 25.5 12.6 37.6



#23
Bromochloromethane
Concen: 53.221 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion:128 Resp: 43927
Ion Ratio Lower Upper
128 100
49 170.2 130.8 243.0
130 121.4 90.6 168.3
51 55.1 49.8 74.8

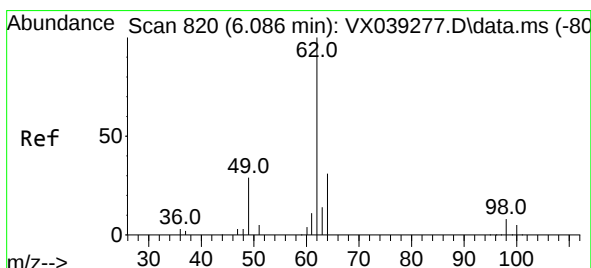
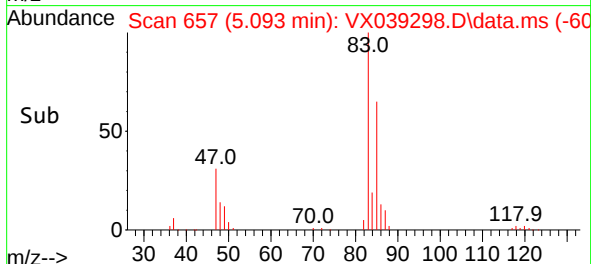
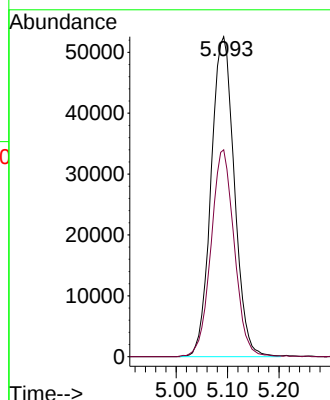
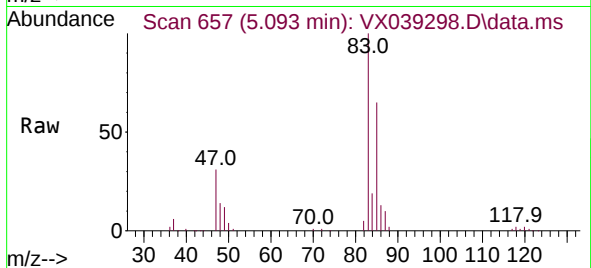




#25
Chloroform
Concen: 55.338 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

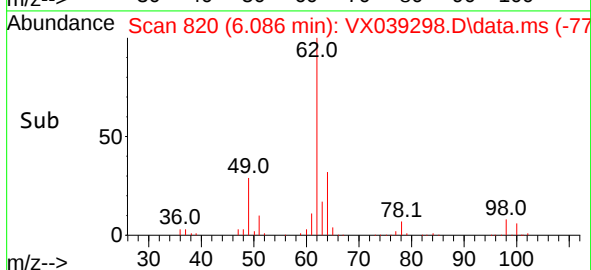
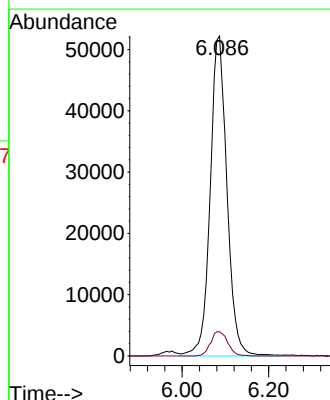
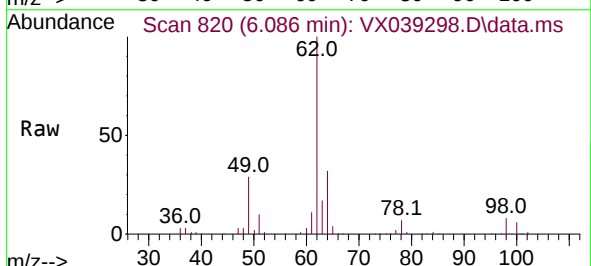
Instrument :
MSVOA_X
ClientSampleId :

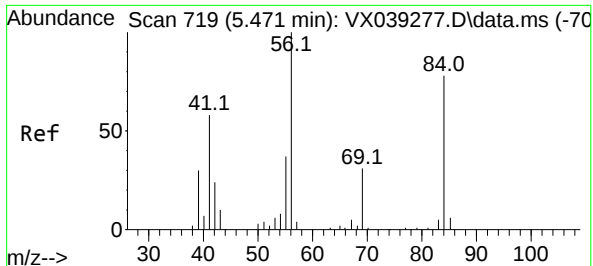
Tgt Ion: 83 Resp: 165208
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 59.606 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion: 62 Resp: 140450
Ion Ratio Lower Upper
62 100
98 7.6 8.0 12.0#





#29

Cyclohexane

Concen: 52.105 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

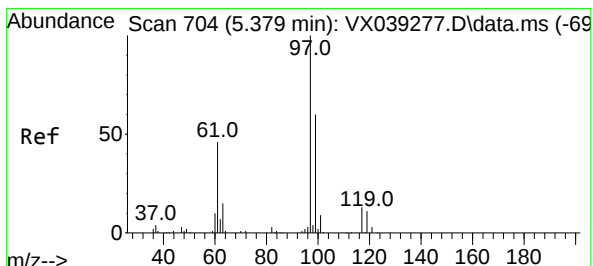
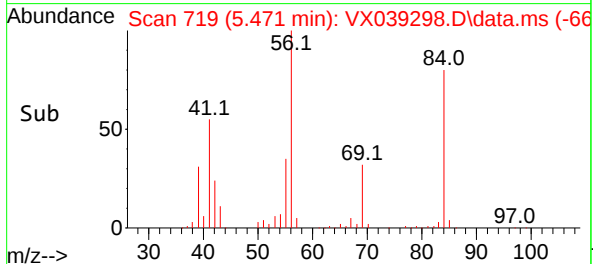
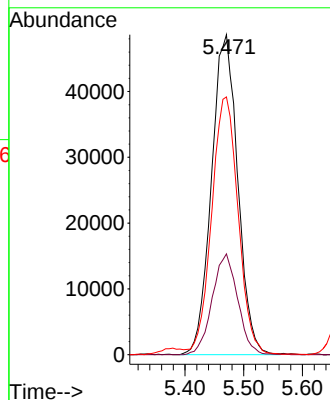
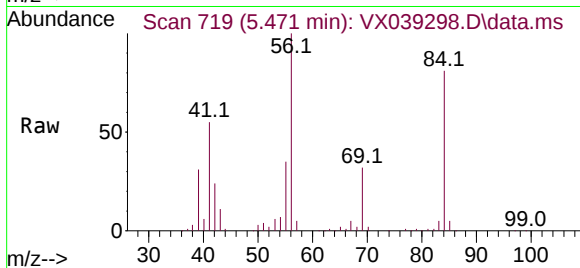
Tgt Ion: 56 Resp: 151157

Ion Ratio Lower Upper

56 100

69 30.5 24.5 36.7

84 80.8 67.0 100.4



#30

1,1,1-Trichloroethane

Concen: 55.551 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

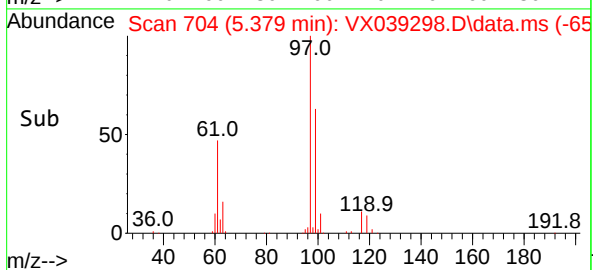
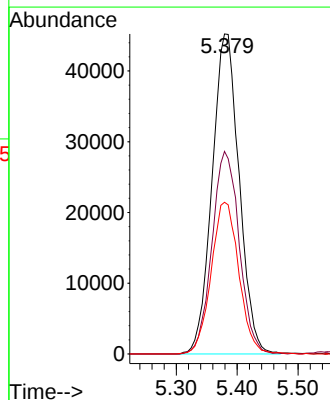
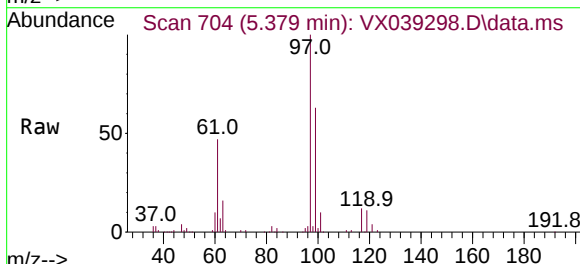
Tgt Ion: 97 Resp: 139776

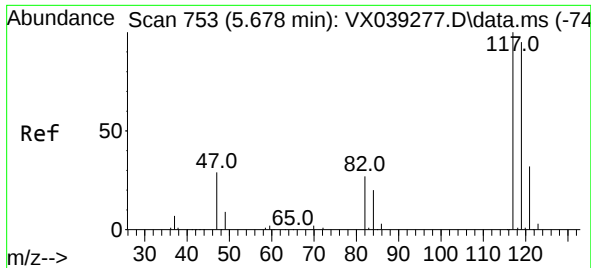
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.4

61 48.3 36.7 55.1

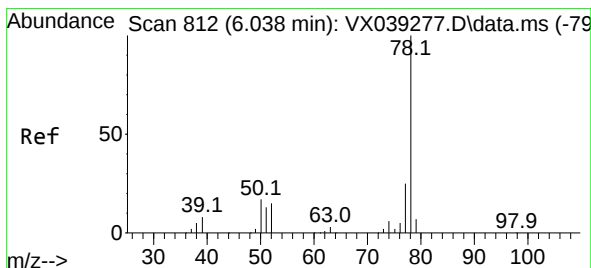
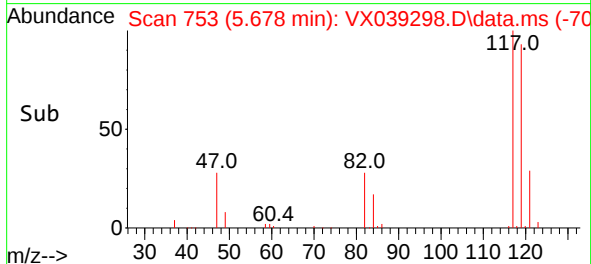
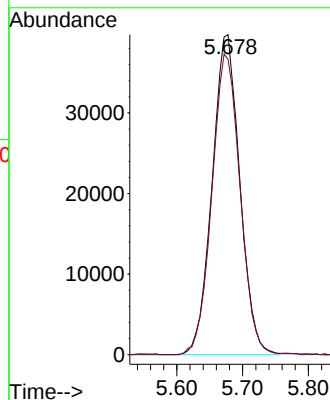
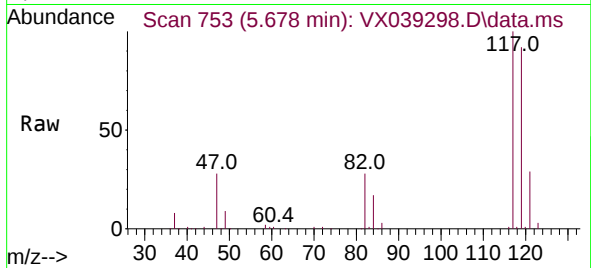




#31
Carbon tetrachloride
Concen: 55.235 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

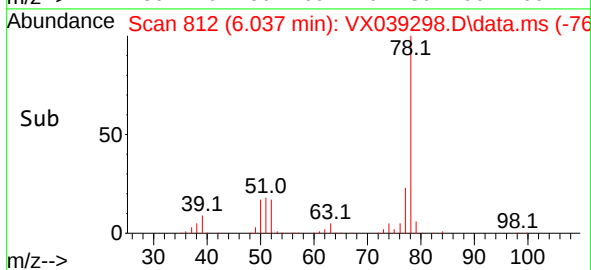
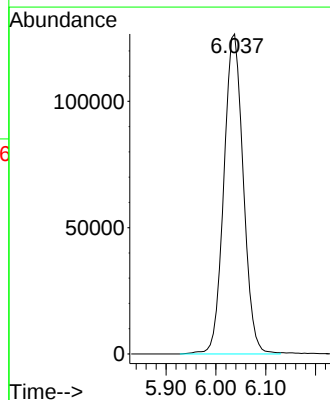
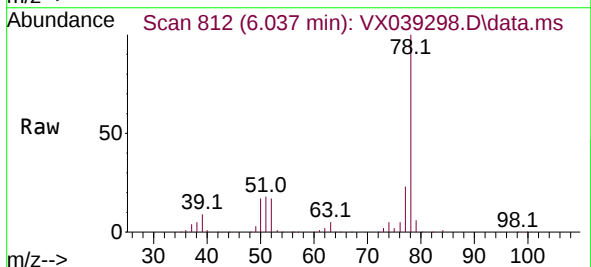
Instrument :
MSVOA_X
ClientSampleId :

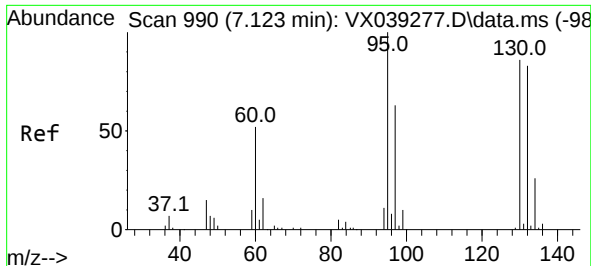
Tgt Ion:117 Resp: 115955
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.4



#33
Benzene
Concen: 52.113 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

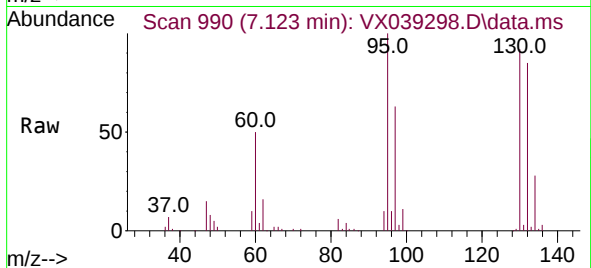
Tgt Ion: 78 Resp: 343440



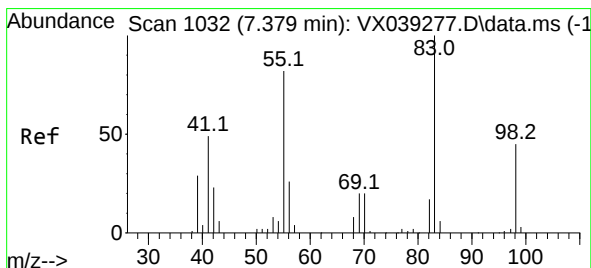
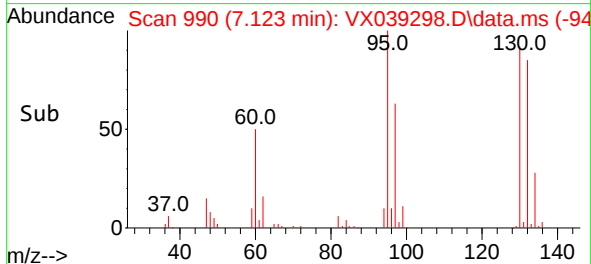
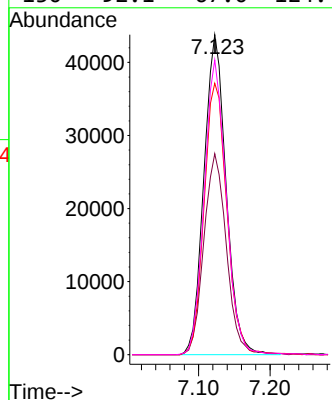


#34
Trichloroethene
Concen: 54.191 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :

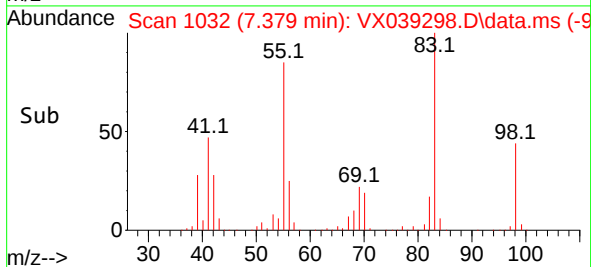
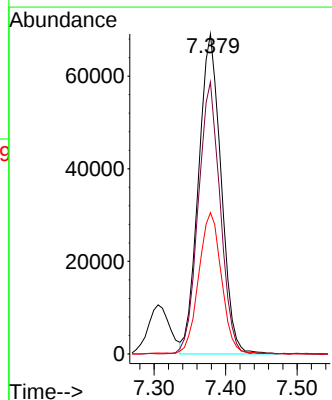
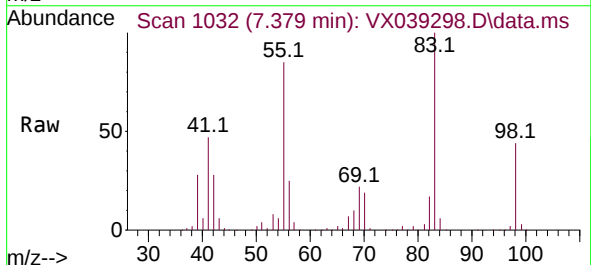


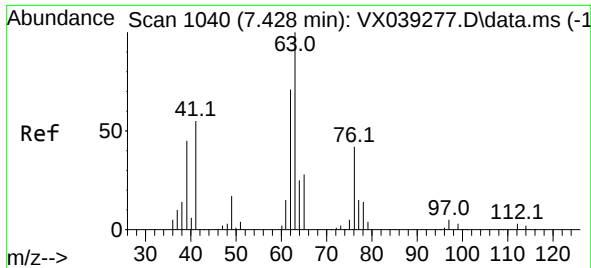
Tgt Ion:	95	Resp:	94382
Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.5	84.5
132	84.8	62.2	115.4
130	92.1	67.0	124.4



#35
Methylcyclohexane
Concen: 52.248 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion:	83	Resp:	151555
Ion	Ratio	Lower	Upper
83	100		
55	82.5	62.5	93.7
98	44.5	36.1	54.1

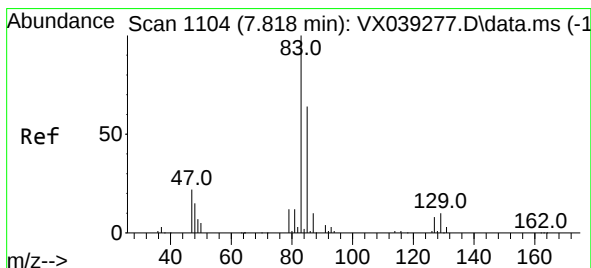
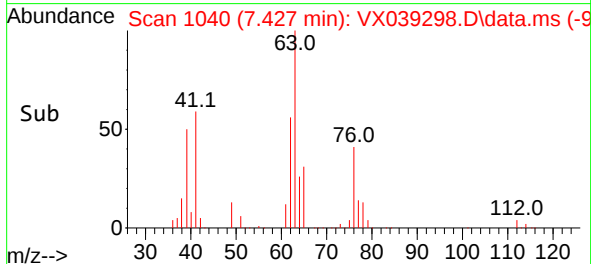
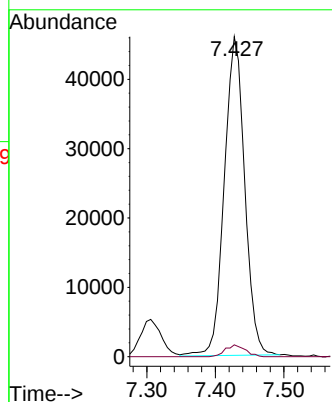
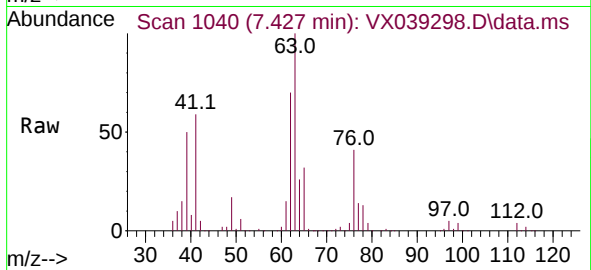




#37
1,2-Dichloropropane
Concen: 52.019 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

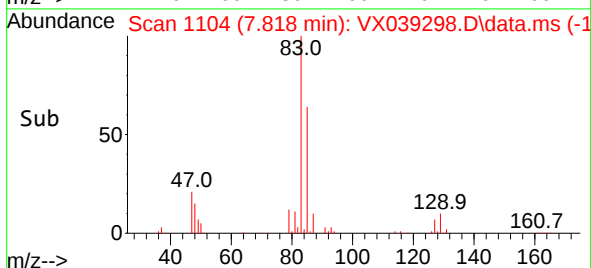
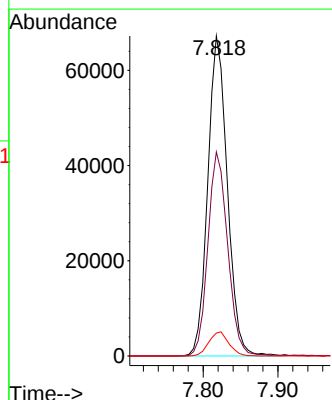
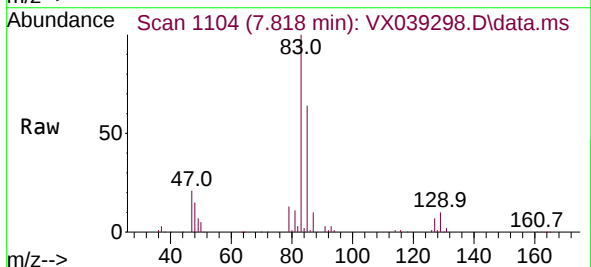
Instrument :
MSVOA_X
ClientSampleId :

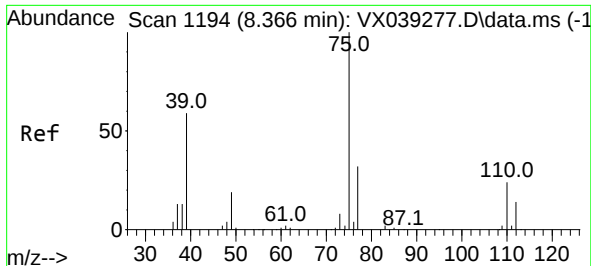
Tgt Ion: 63 Resp: 95077
Ion Ratio Lower Upper
63 100
112 3.6 2.8 4.2



#38
Bromodichloromethane
Concen: 55.042 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion: 83 Resp: 122362
Ion Ratio Lower Upper
83 100
85 63.7 43.3 80.5
127 7.2 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 52.470 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

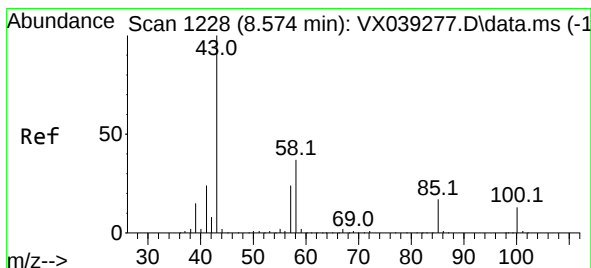
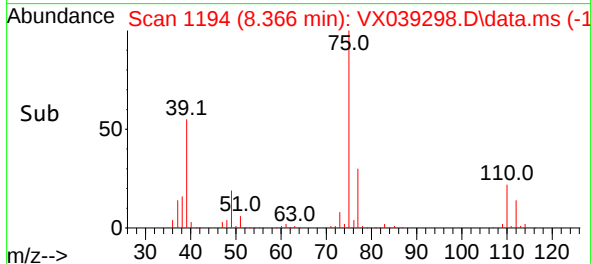
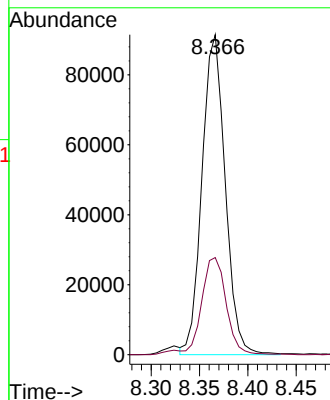
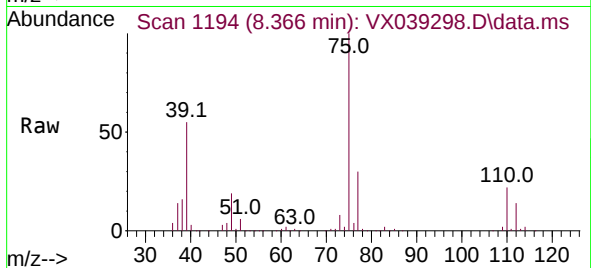
ClientSampleId :

Tgt Ion: 75 Resp: 152956

Ion Ratio Lower Upper

75 100

77 30.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 110.782 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

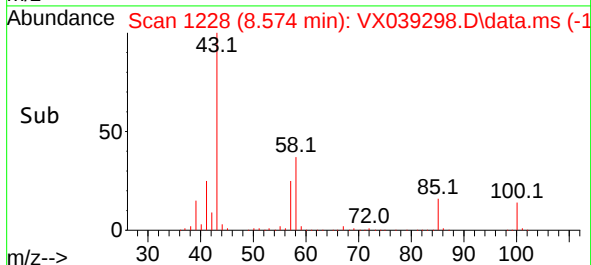
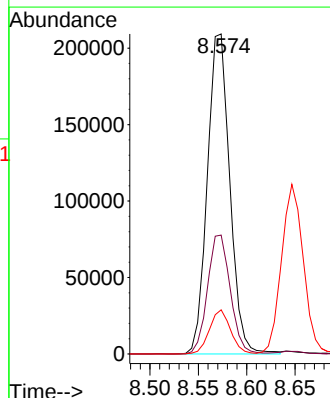
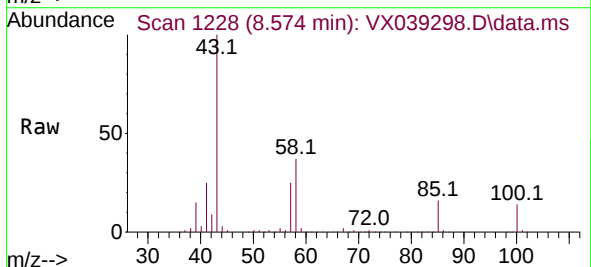
Tgt Ion: 43 Resp: 339353

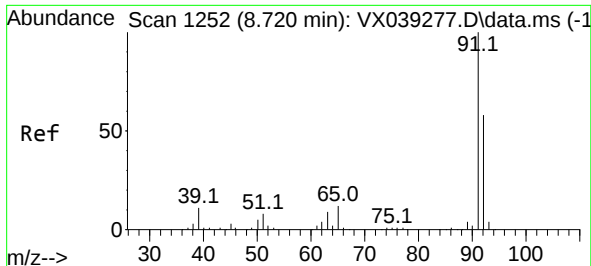
Ion Ratio Lower Upper

43 100

58 37.6 30.9 46.3

100 13.0 10.6 16.0





#42

Toluene

Concen: 52.026 ug/L

RT: 8.714 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

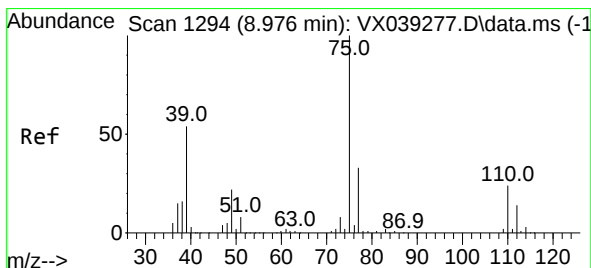
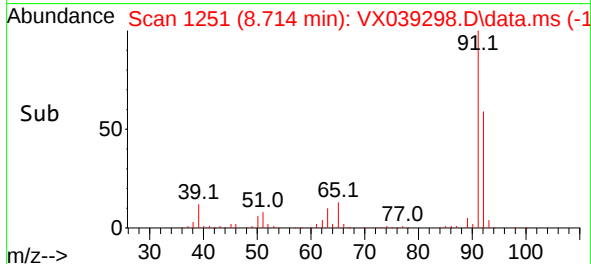
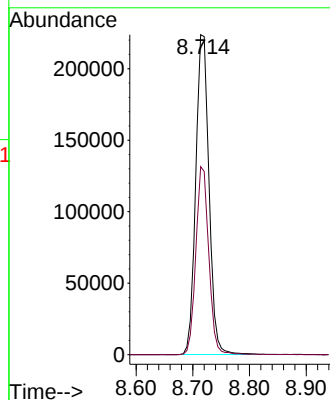
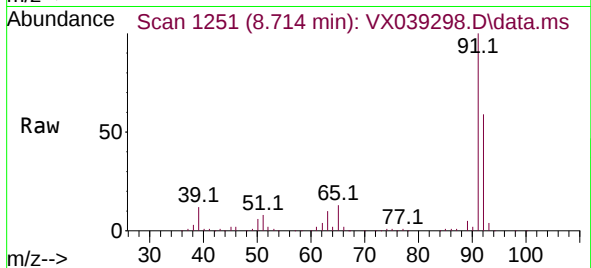
ClientSampleId :

Tgt Ion: 91 Resp: 363591

Ion Ratio Lower Upper

91 100

92 58.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 53.368 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX039298.D

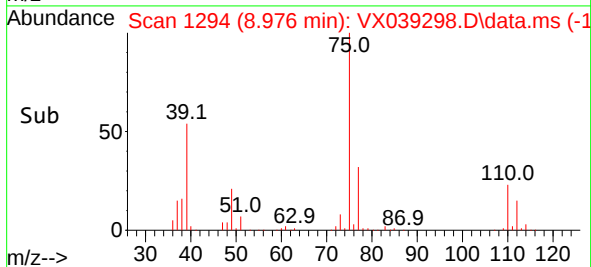
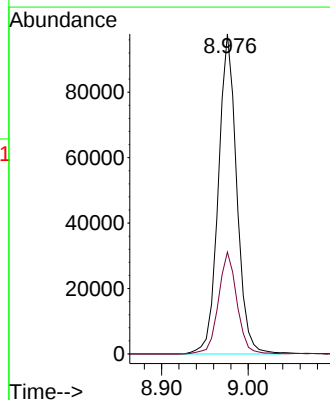
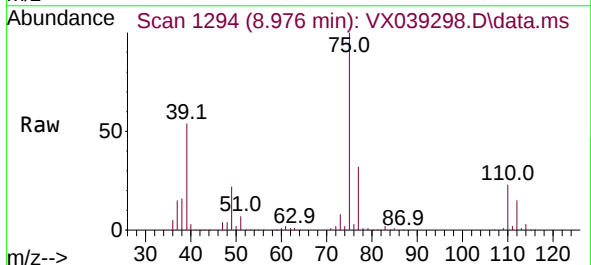
Acq: 18 Dec 2023 09:47

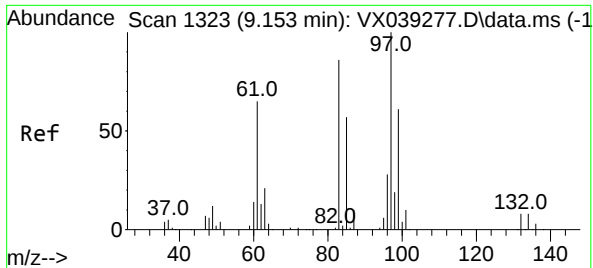
Tgt Ion: 75 Resp: 144370

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 53.369 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 89392

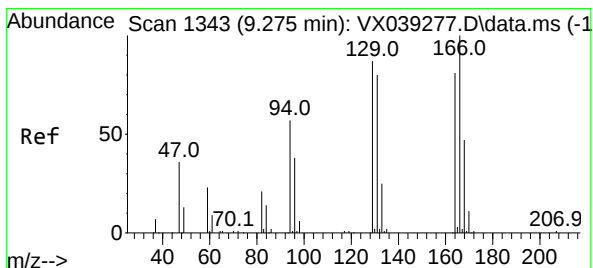
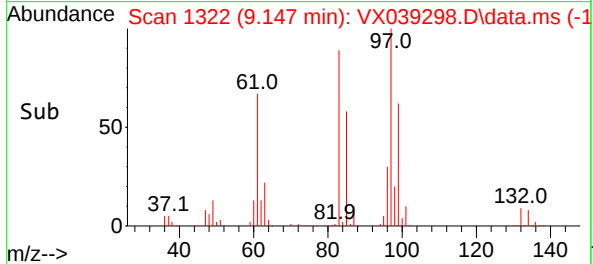
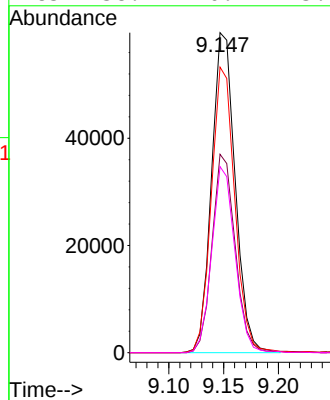
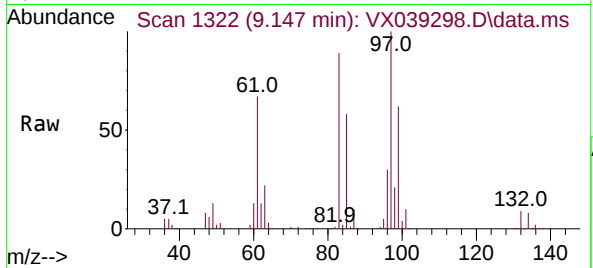
Ion Ratio Lower Upper

97 100

99 62.0 43.1 80.1

83 89.3 64.0 118.8

85 58.2 40.4 75.0



#46

Tetrachloroethene

Concen: 53.474 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Tgt Ion:164 Resp: 61438

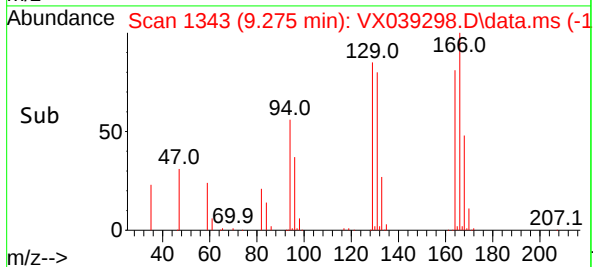
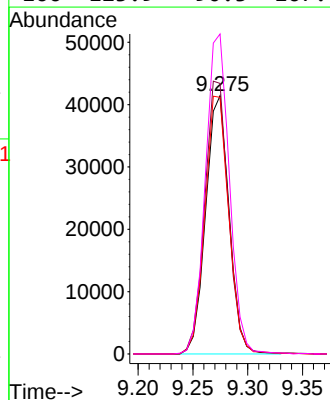
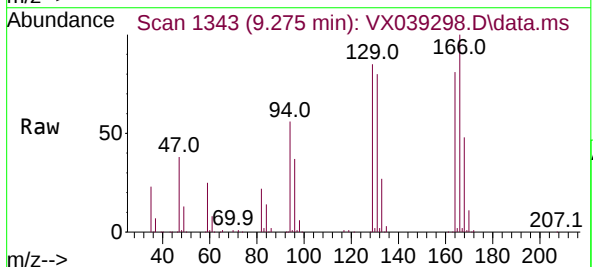
Ion Ratio Lower Upper

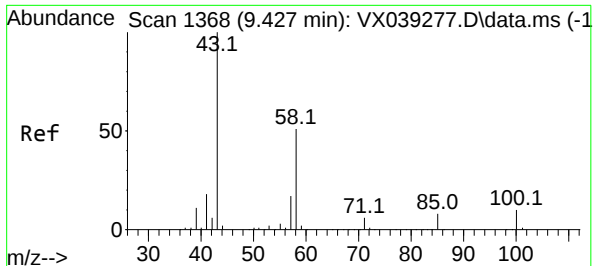
164 100

129 104.8 71.9 133.5

131 99.4 69.5 129.1

166 123.9 90.3 167.7



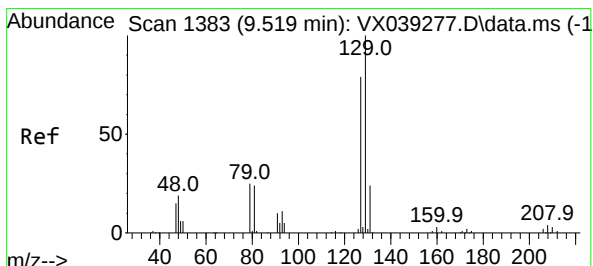
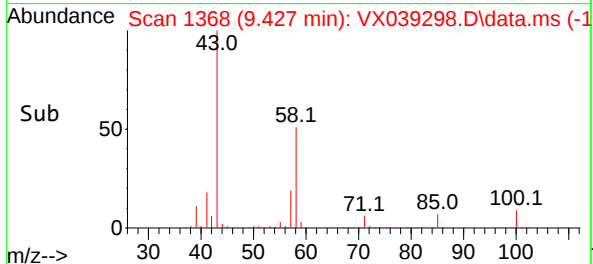
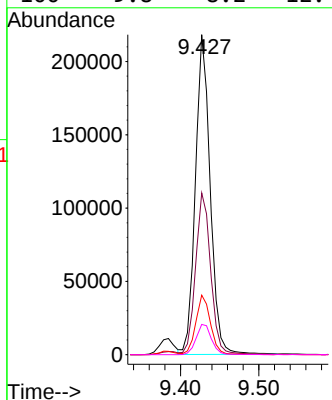
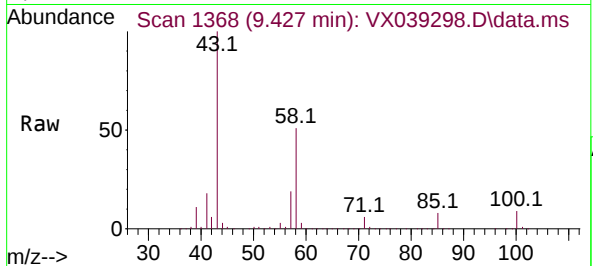


#48
2-Hexanone
Concen: 112.066 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 287318

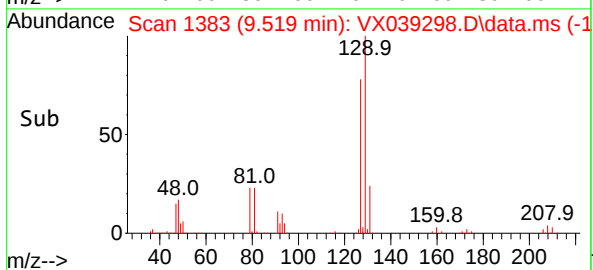
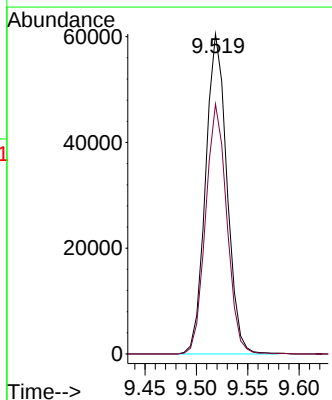
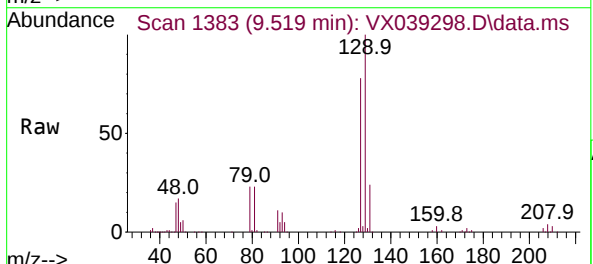
Ion	Ratio	Lower	Upper
43	100		
58	51.1	43.0	64.6
57	18.4	14.6	21.8
100	9.8	8.2	12.4

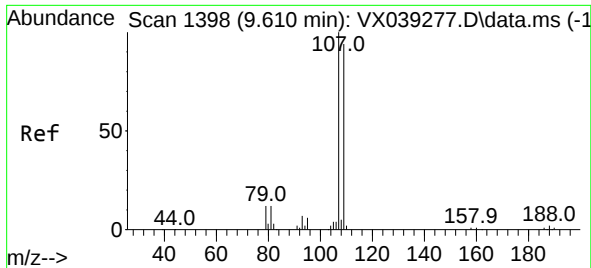


#49
Dibromochloromethane
Concen: 53.580 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion: 129 Resp: 87432

Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.2	102.4

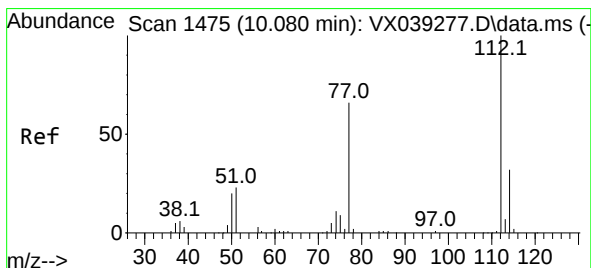
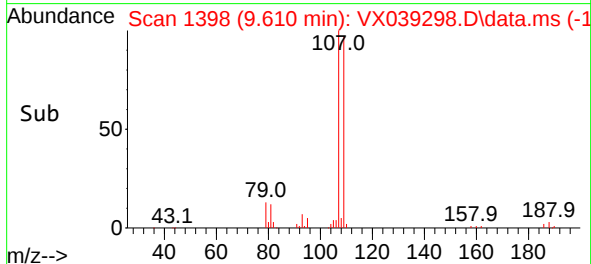
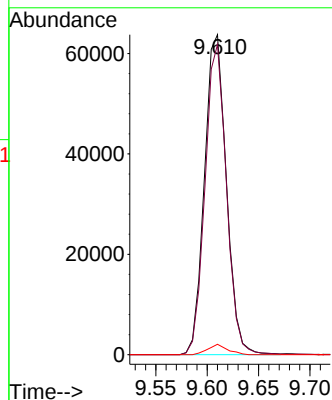
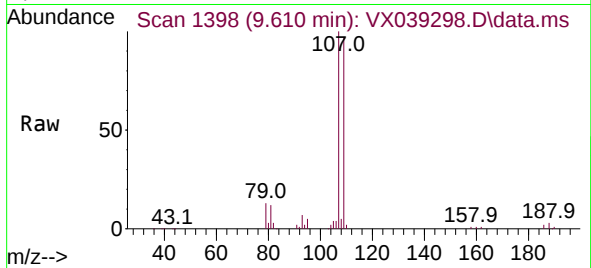




#50
1,2-Dibromoethane
Concen: 52.818 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

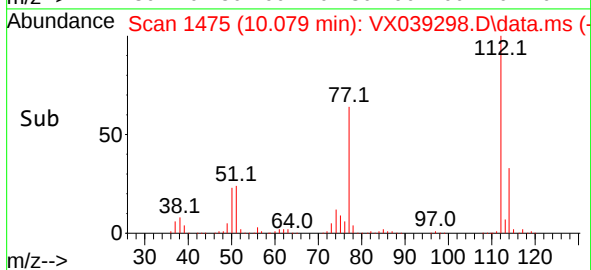
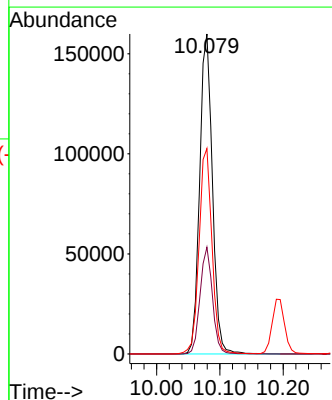
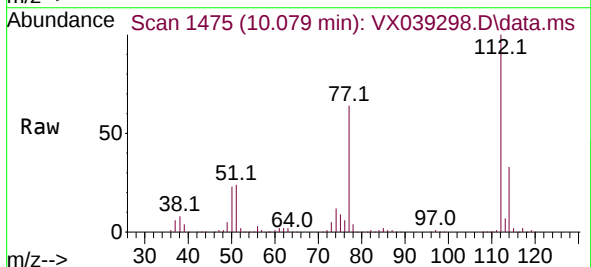
Instrument :
MSVOA_X
ClientSampleId :

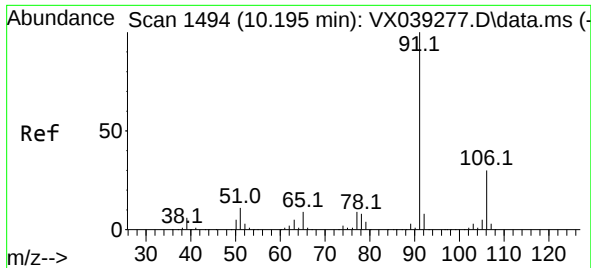
Tgt Ion:107 Resp: 94780
Ion Ratio Lower Upper
107 100
109 97.0 65.2 121.0
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 51.937 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion:112 Resp: 224201
Ion Ratio Lower Upper
112 100
114 33.3 21.8 40.4
77 64.2 49.0 73.6

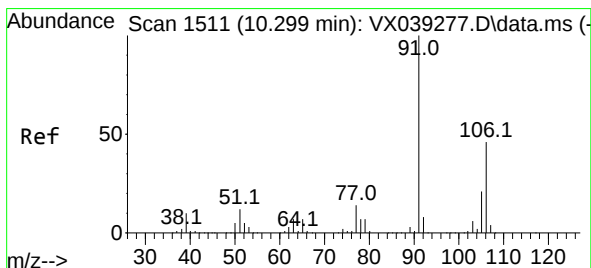
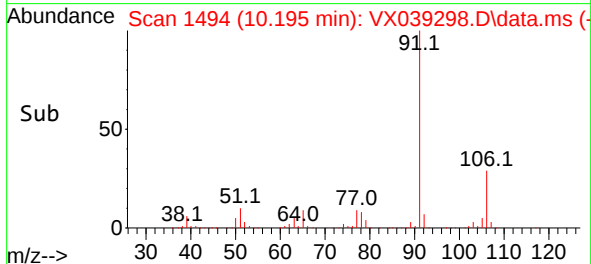
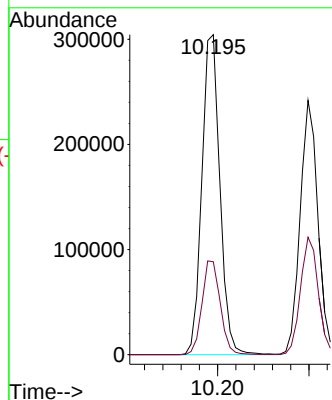
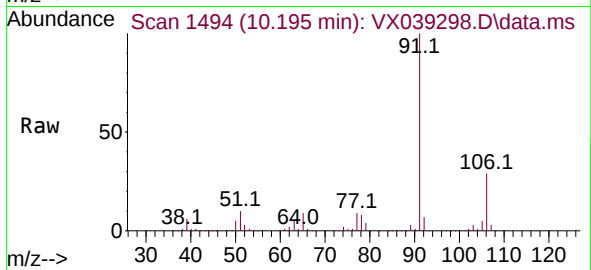




#52
Ethylbenzene
Concen: 53.191 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

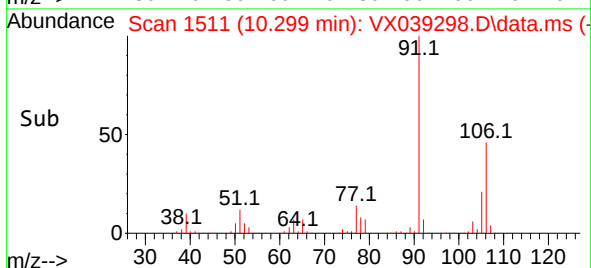
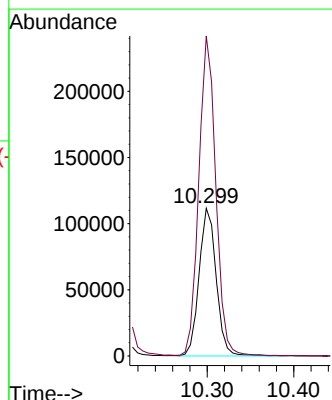
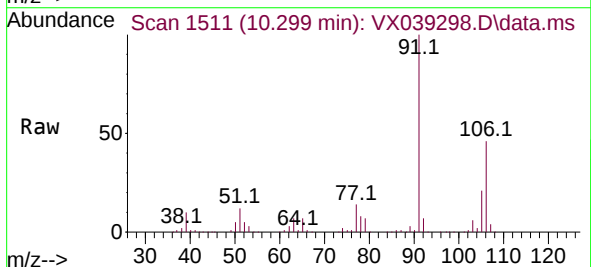
Instrument :
MSVOA_X
ClientSampleId :

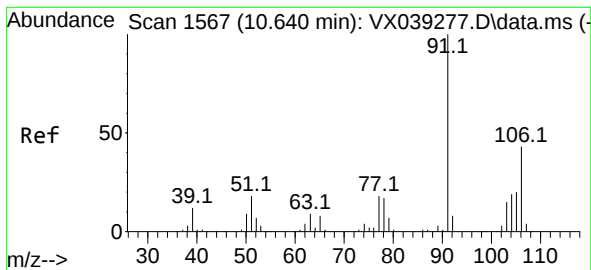
Tgt Ion: 91 Resp: 415575
Ion Ratio Lower Upper
91 100
106 29.0 21.2 39.4



#53
m,p-Xylene
Concen: 52.380 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion: 106 Resp: 153008
Ion Ratio Lower Upper
106 100
91 216.6 149.0 276.8





#54

o-Xylene

Concen: 52.761 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

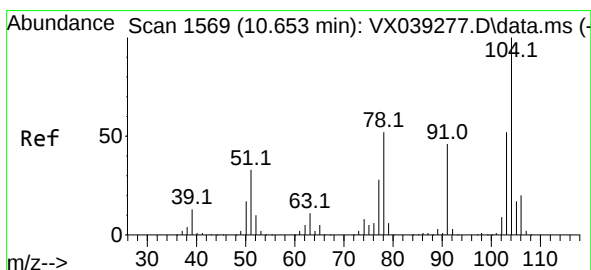
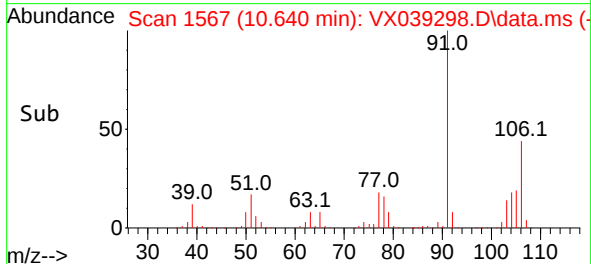
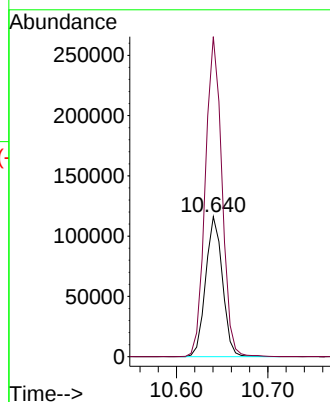
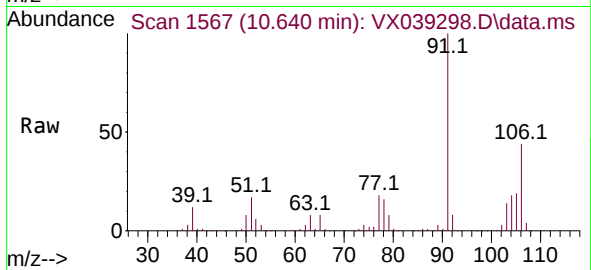
ClientSampleId :

Tgt Ion:106 Resp: 147889

Ion Ratio Lower Upper

106 100

91 228.6 156.2 290.0



#55

Styrene

Concen: 52.599 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039298.D

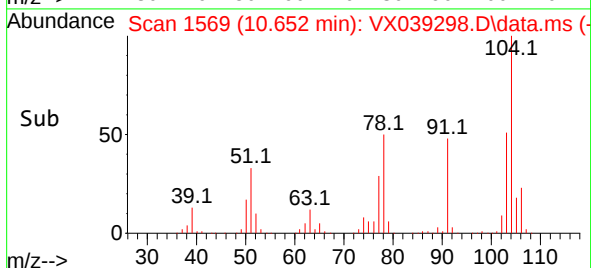
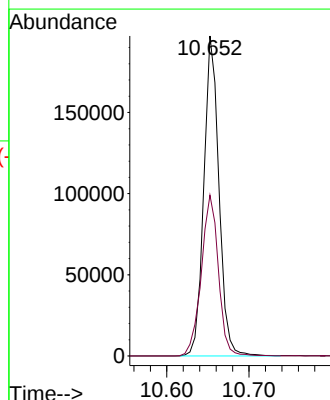
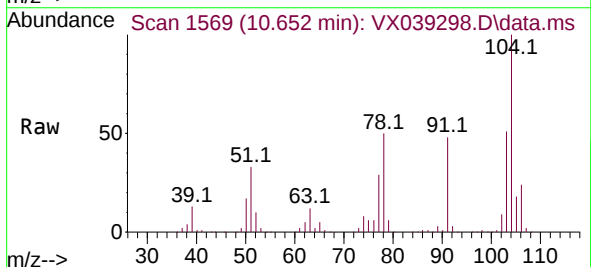
Acq: 18 Dec 2023 09:47

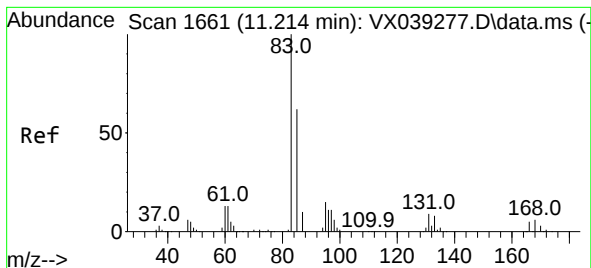
Tgt Ion:104 Resp: 252267

Ion Ratio Lower Upper

104 100

78 50.2 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 52.771 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

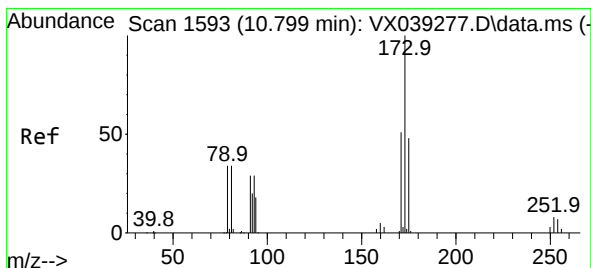
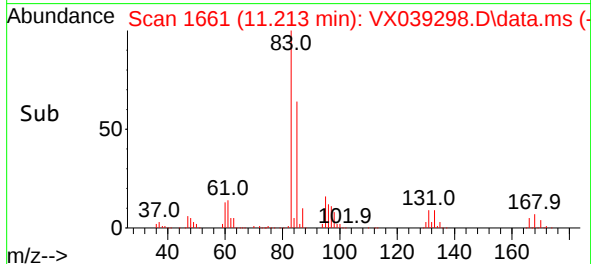
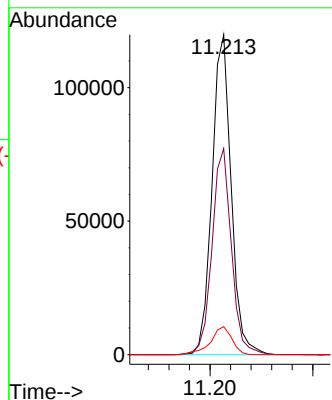
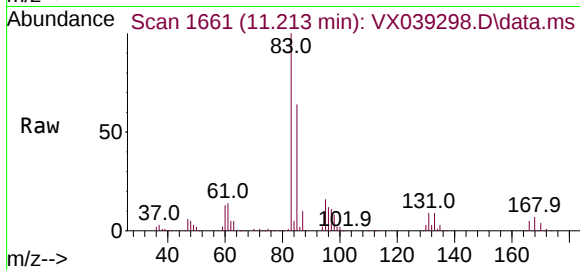
Tgt Ion: 83 Resp: 154259

Ion Ratio Lower Upper

83 100

85 64.4 45.2 84.0

131 8.8 7.2 10.8



#59

Bromoform

Concen: 51.306 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

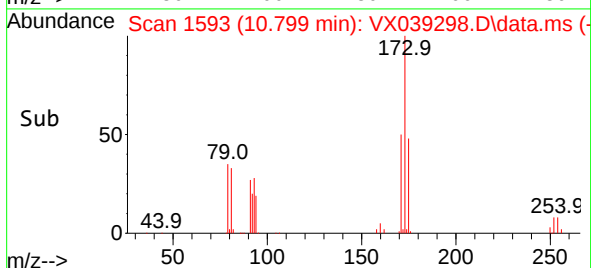
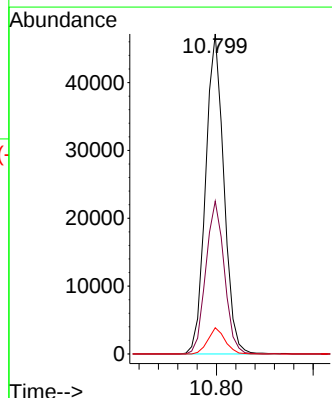
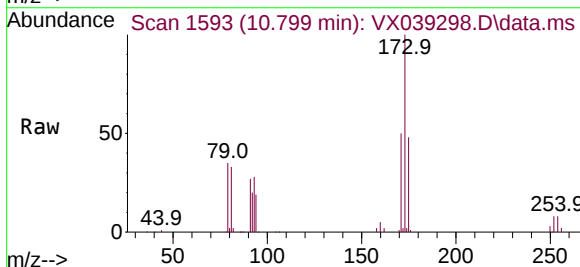
Tgt Ion:173 Resp: 61947

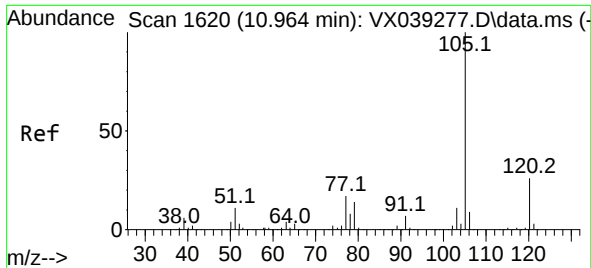
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 7.7 6.2 9.2

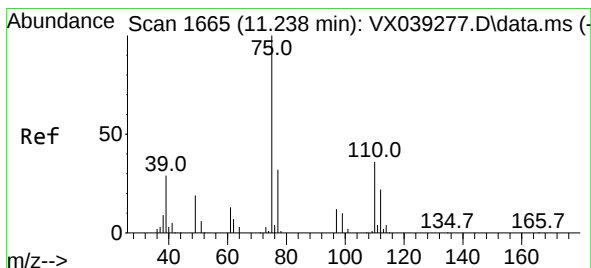
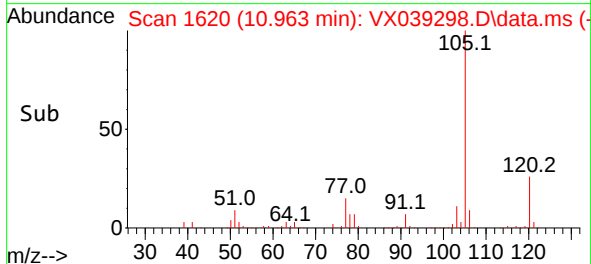
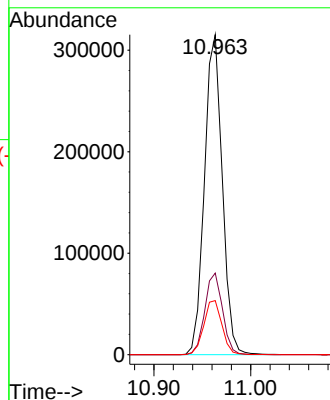
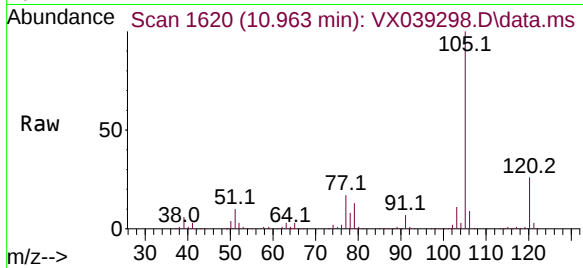




#60
Isopropylbenzene
Concen: 53.949 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

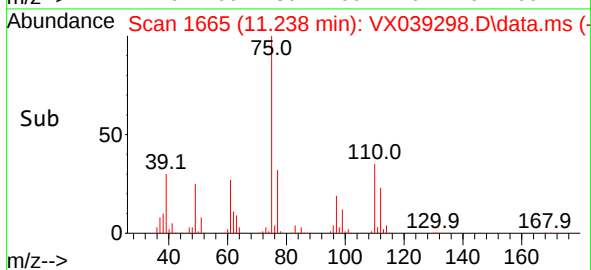
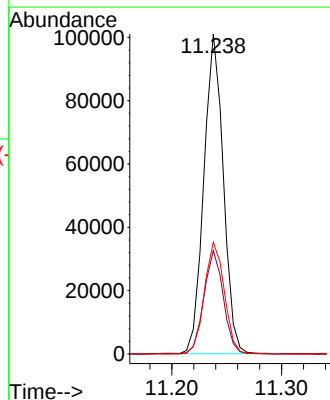
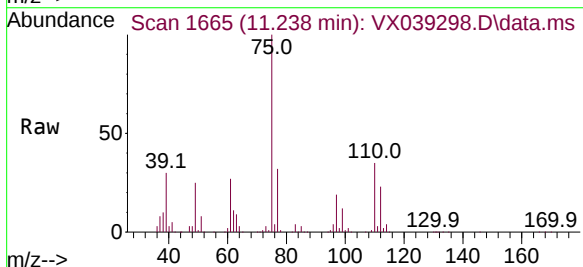
Instrument :
MSVOA_X
ClientSampleId :

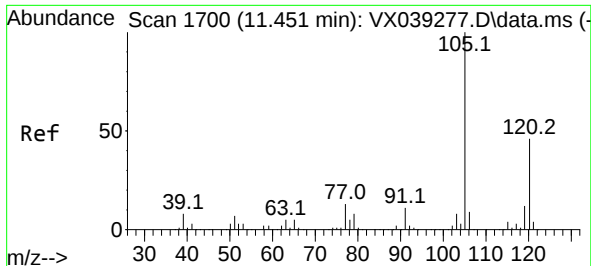
Tgt Ion:105 Resp: 404984
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 17.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 55.193 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

Tgt Ion: 75 Resp: 124211
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 35.7 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 54.038 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

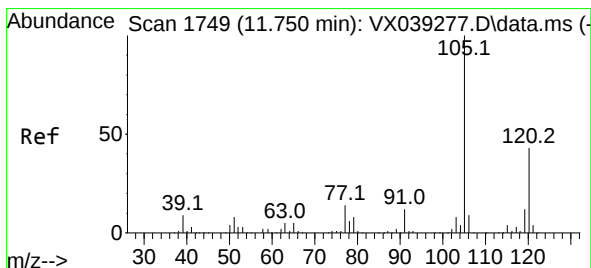
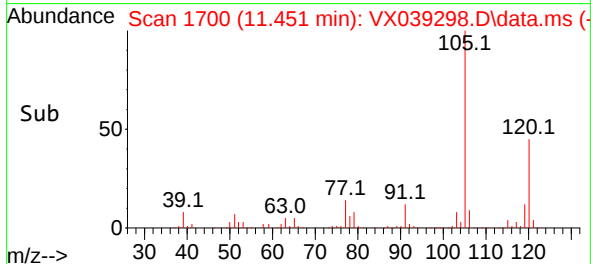
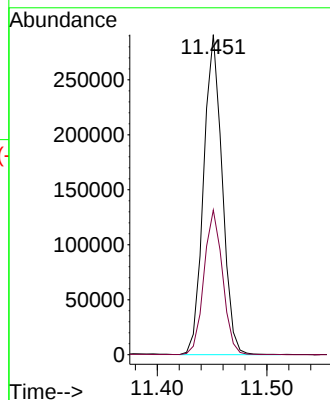
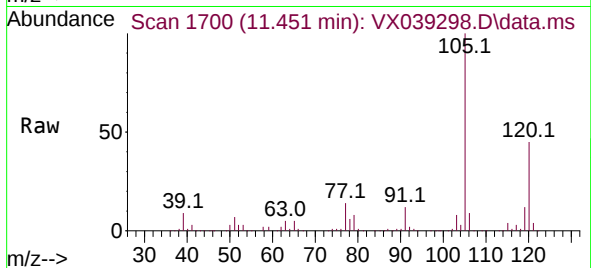
ClientSampleId :

Tgt Ion:105 Resp: 342469

Ion Ratio Lower Upper

105 100

120 45.1 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 54.135 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039298.D

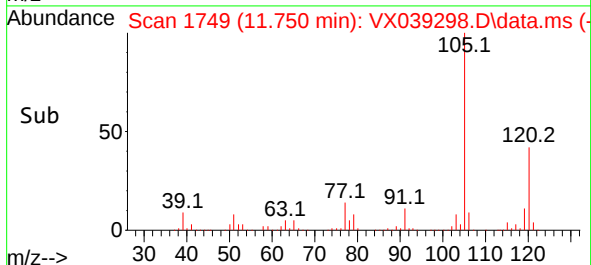
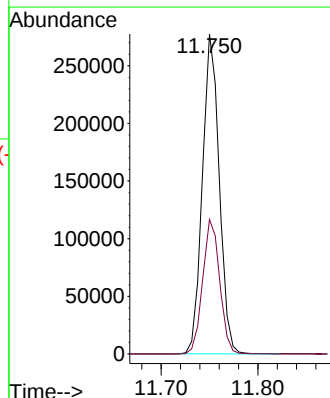
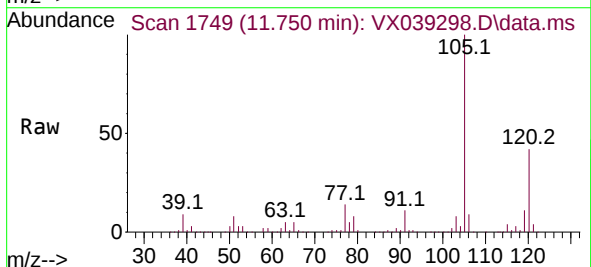
Acq: 18 Dec 2023 09:47

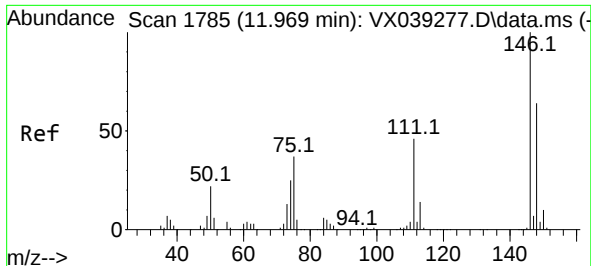
Tgt Ion:105 Resp: 336415

Ion Ratio Lower Upper

105 100

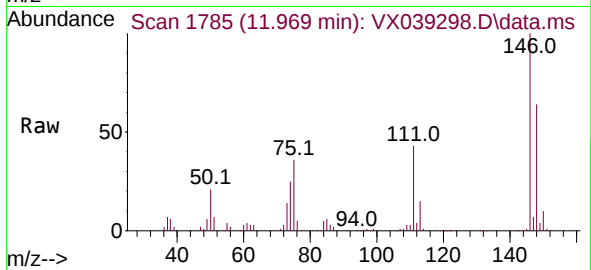
120 42.5 34.9 52.3



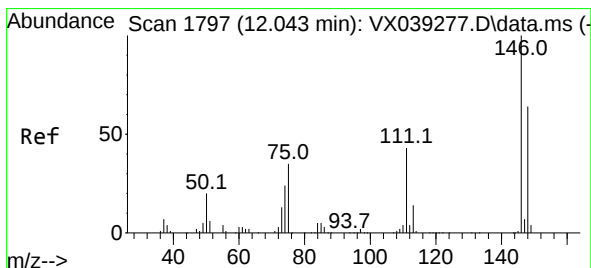
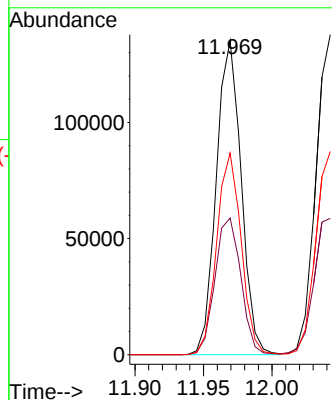
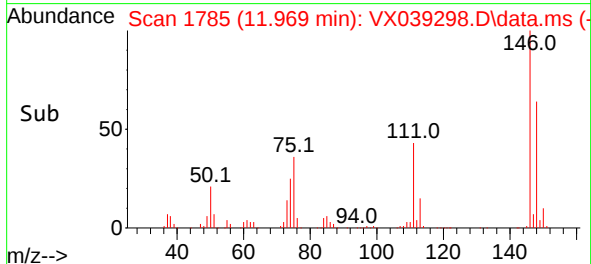


#64
1,3-Dichlorobenzene
Concen: 53.157 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47

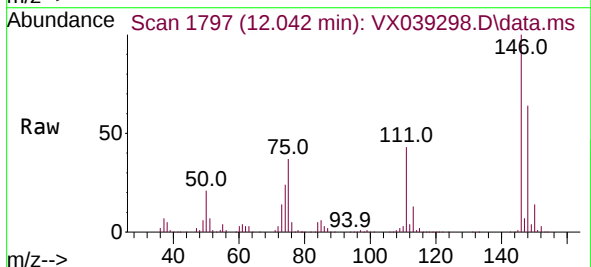
Instrument :
MSVOA_X
ClientSampleId :



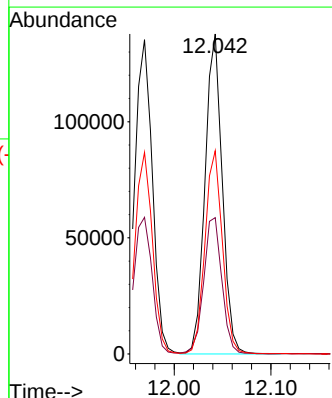
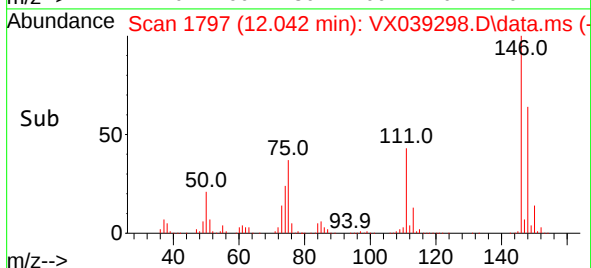
Tgt Ion:146 Resp: 170796
Ion Ratio Lower Upper
146 100
111 43.5 30.0 55.6
148 64.2 44.2 82.0

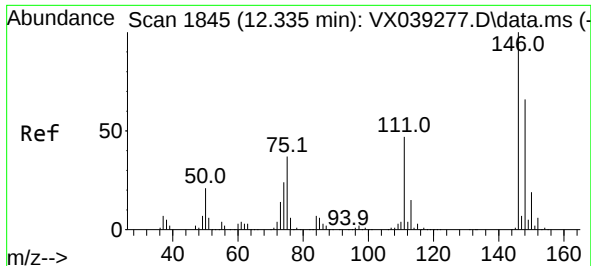


#65
1,4-Dichlorobenzene
Concen: 52.601 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039298.D
Acq: 18 Dec 2023 09:47



Tgt Ion:146 Resp: 171262
Ion Ratio Lower Upper
146 100
111 42.6 29.7 55.1
148 63.5 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 53.615 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

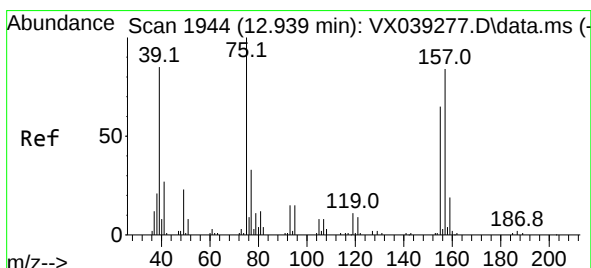
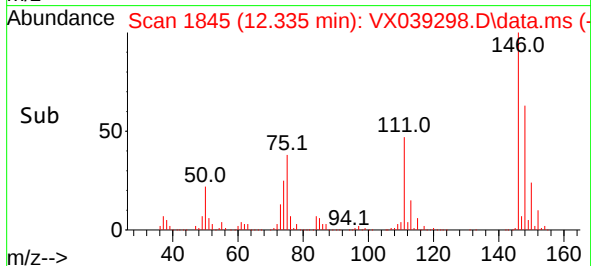
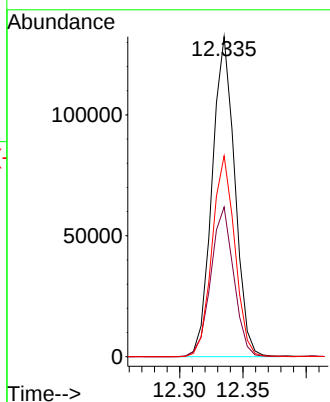
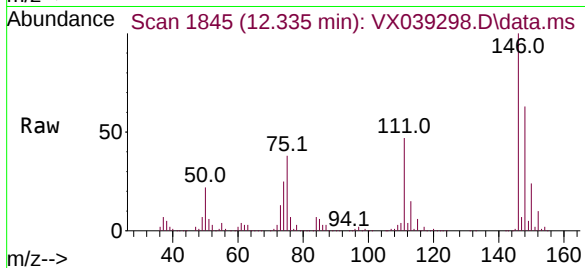
Tgt Ion:146 Resp: 164787

Ion Ratio Lower Upper

146 100

111 46.8 36.4 54.6

148 62.8 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 57.482 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

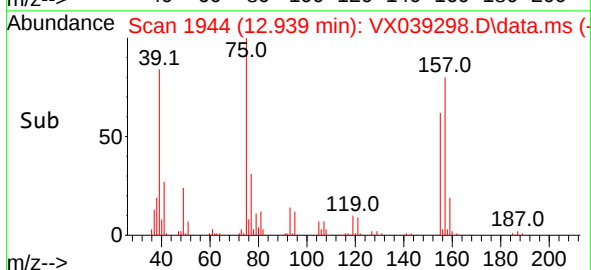
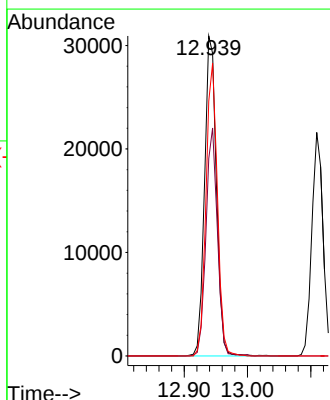
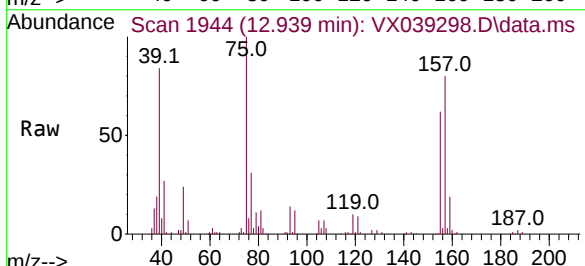
Tgt Ion: 75 Resp: 40373

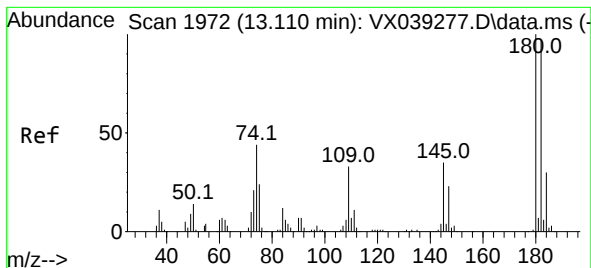
Ion Ratio Lower Upper

75 100

155 61.6 52.3 78.5

157 79.6 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 54.037 ug/L

RT: 13.115 min Scan# 1972

Delta R.T. 0.006 min

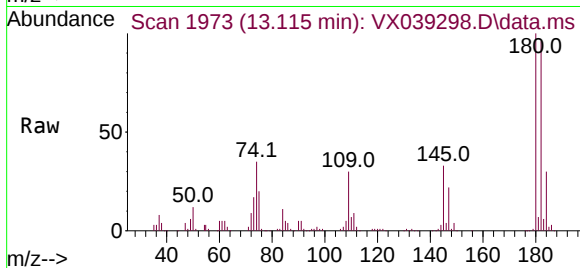
Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 114822

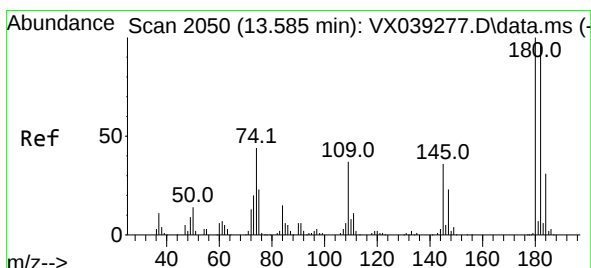
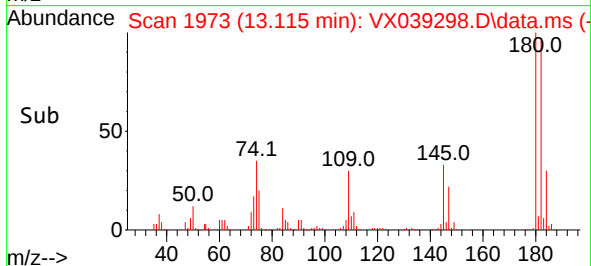
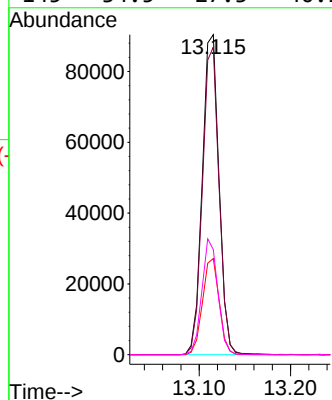
Ion Ratio Lower Upper

180 100

182 95.2 76.1 114.1

184 29.9 24.1 36.1

145 34.5 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 52.915 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

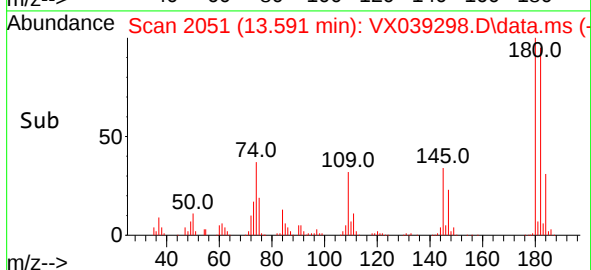
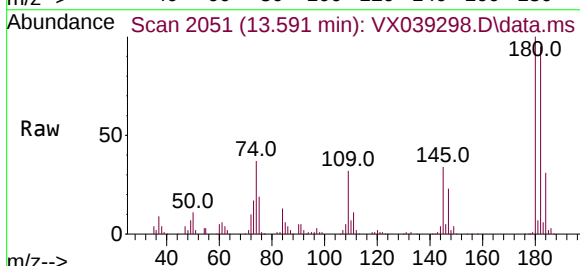
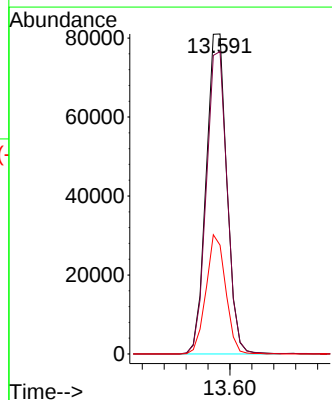
Tgt Ion:180 Resp: 105998

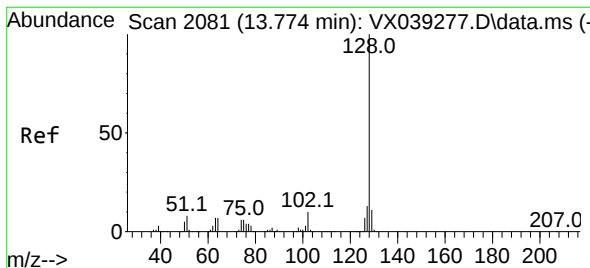
Ion Ratio Lower Upper

180 100

182 95.1 76.8 115.2

145 35.4 27.8 41.6





#71

Naphthalene

Concen: 53.746 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

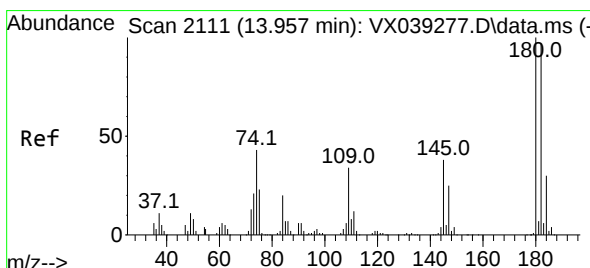
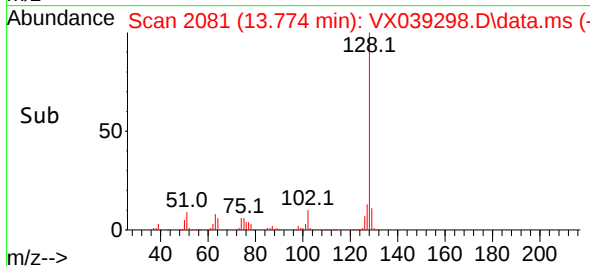
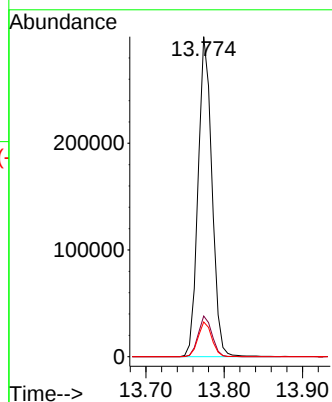
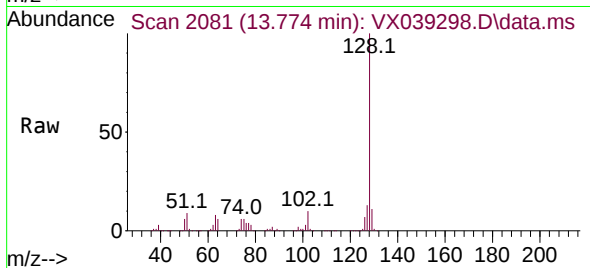
Tgt Ion:128 Resp: 369234

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.853 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039298.D

Acq: 18 Dec 2023 09:47

Tgt Ion:180 Resp: 104453

Ion Ratio Lower Upper

180 100

182 92.4 75.9 113.9

145 36.3 28.6 42.8

