

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039415.D
 Acq On : 21 Dec 2023 09:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 00:35:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	181151	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	172478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	87307	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	67910	47.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.600%
7) Chloroethane-d5	1.666	69	51091	48.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.300%
11) 1,1-Dichloroethene-d2	2.306	65	32869	52.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.400%
21) 2-Butanone-d5	4.440	46	135454	105.317	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.320%
24) Chloroform-d	5.050	84	138444	55.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.080%
26) 1,2-Dichloroethane-d4	5.952	65	94080	57.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.520%
32) Benzene-d6	5.970	84	263010	49.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
36) 1,2-Dichloropropane-d6	7.305	67	86327	50.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.780%
41) Toluene-d8	8.647	98	238910	49.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.060%
43) trans-1,3-Dichloroprop...	8.945	79	42161	48.364	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.720%
47) 2-Hexanone-d5	9.378	63	100490	98.216	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.220%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130632	53.755	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.520%
66) 1,2-Dichlorobenzene-d4	12.317	152	85090	51.562	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	85991	59.524	ug/L	100
3) Chloromethane	1.294	50	86849	57.517	ug/L	99
5) Vinyl chloride	1.374	62	82190	55.228	ug/L	97
6) Bromomethane	1.611	94	49116	61.145	ug/L	99
8) Chloroethane	1.691	64	47163	56.057	ug/L	98
9) Trichlorofluoromethane	1.892	101	117745	61.048	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	77813	62.719	ug/L	96
12) 1,1-Dichloroethene	2.319	96	69532	59.582	ug/L	95
13) Acetone	2.373	43	145265	117.569	ug/L	95
14) Carbon disulfide	2.514	76	193083	51.994	ug/L	100
15) Methyl Acetate	2.697	43	100673	57.005	ug/L	98
16) Methylene chloride	2.788	84	78965	58.894	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	71192	57.899	ug/L	96
18) Methyl tert-butyl Ether	3.105	73	252386	58.969	ug/L	98
19) 1,1-Dichloroethane	3.605	63	145559	59.870	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	82107	57.571	ug/L	96
22) 2-Butanone	4.544	43	164436	108.442	ug/L	100
23) Bromochloromethane	4.891	128	38314	57.149	ug/L	95
25) Chloroform	5.086	83	149739	61.748	ug/L	99

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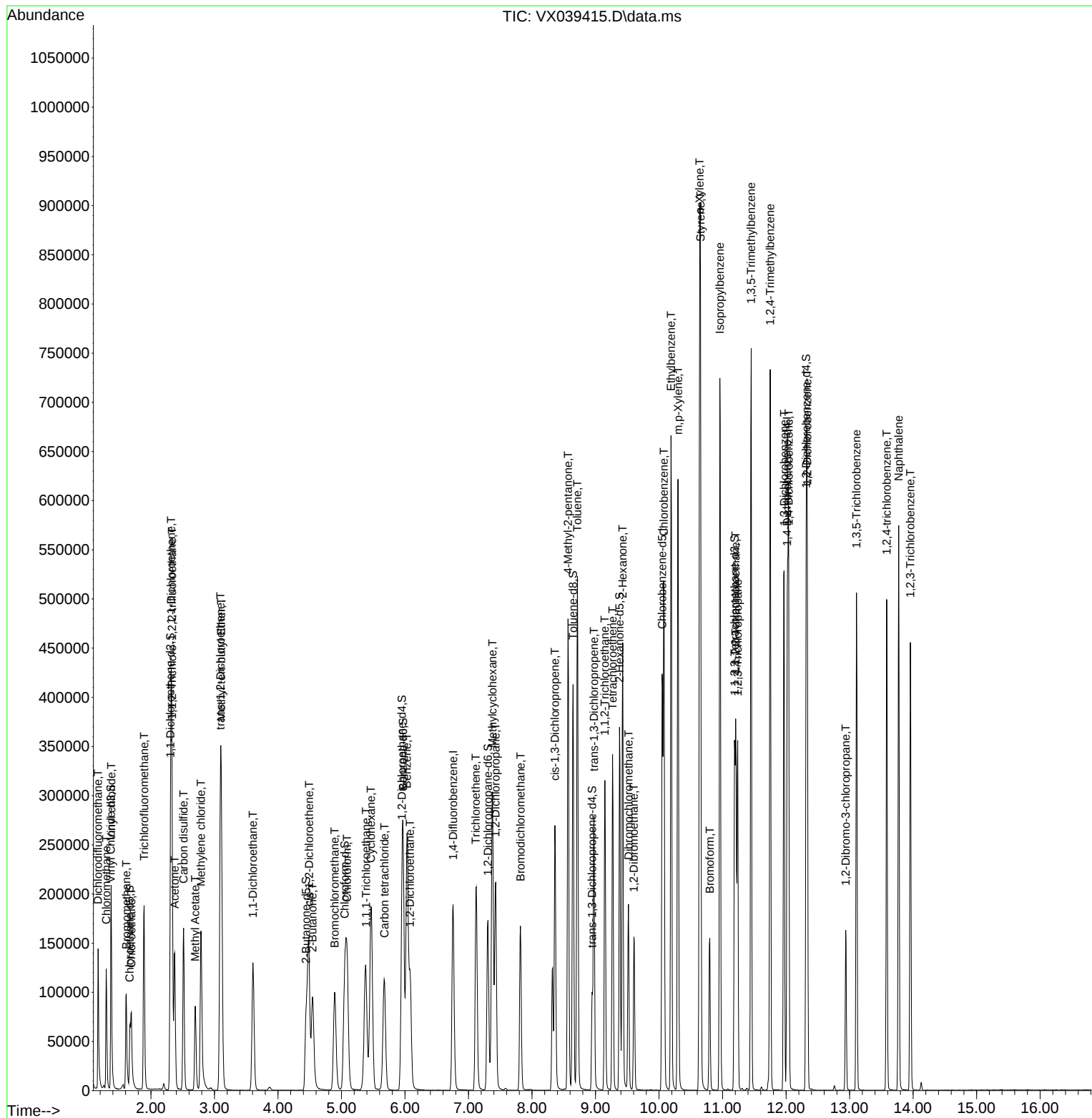
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	123724	64.643	ug/L	95
29) Cyclohexane	5.464	56	132402	54.876	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	122604	58.586	ug/L	98
31) Carbon tetrachloride	5.678	117	98645	56.498	ug/L	100
33) Benzene	6.031	78	305833	55.797	ug/L	100
34) Trichloroethene	7.116	95	83433	57.598	ug/L	94
35) Methylcyclohexane	7.379	83	130593	54.132	ug/L	96
37) 1,2-Dichloropropane	7.427	63	86988	57.223	ug/L	100
38) Bromodichloromethane	7.818	83	106435	57.565	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	131775	54.351	ug/L	99
40) 4-Methyl-2-pentanone	8.567	43	284256	111.573	ug/L	98
42) Toluene	8.714	91	326389	56.154	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	126808	56.361	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	79862	57.327	ug/L	98
46) Tetrachloroethene	9.268	164	54461	56.994	ug/L	95
48) 2-Hexanone	9.427	43	237773	111.508	ug/L	98
49) Dibromochloromethane	9.518	129	75872	55.905	ug/L	99
50) 1,2-Dibromoethane	9.604	107	85435	57.244	ug/L	99
51) Chlorobenzene	10.073	112	203505	56.682	ug/L	95
52) Ethylbenzene	10.189	91	373368	57.459	ug/L	100
53) m,p-Xylene	10.299	106	137353	56.535	ug/L	96
54) o-Xylene	10.640	106	131801	56.537	ug/L	97
55) Styrene	10.652	104	231969	58.154	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	137958	56.744	ug/L	99
59) Bromoform	10.799	173	50921	49.626	ug/L	99
60) Isopropylbenzene	10.957	105	366885	57.509	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	108643	56.805	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	310984	57.740	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	306323	58.002	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	155312	56.879	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	157038	56.754	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	148945	57.023	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	31845	53.351	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	103216	57.158	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	95480	56.086	ug/L	99
71) Naphthalene	13.774	128	319493	54.723	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	91424	55.464	ug/L	98

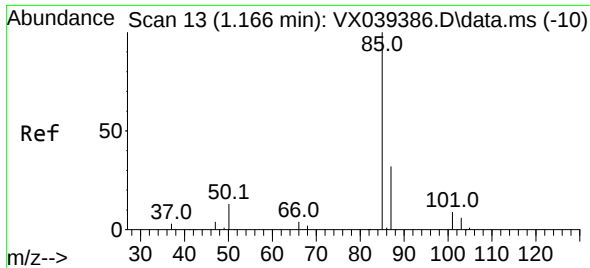
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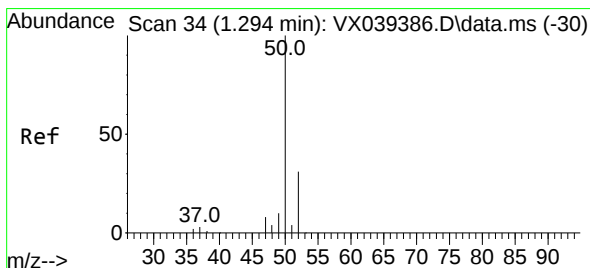
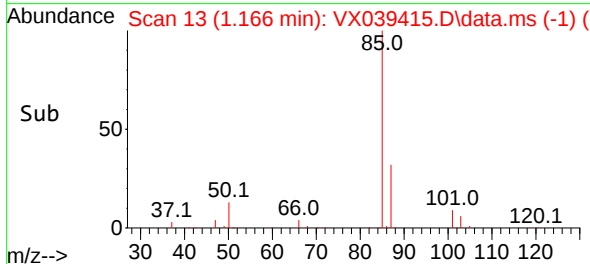
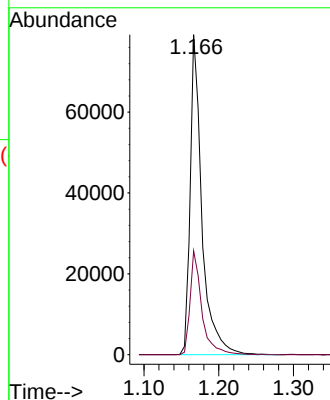
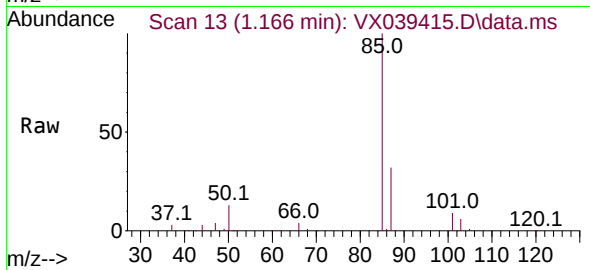




#2
 Dichlorodifluoromethane
 Concen: 59.524 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039415.D
 Acq: 21 Dec 2023 09:14

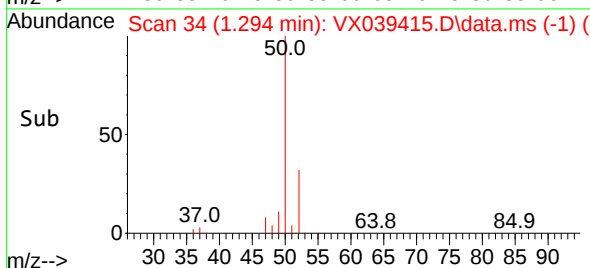
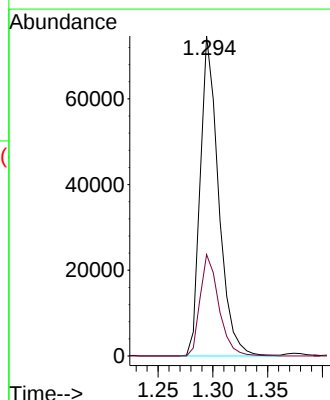
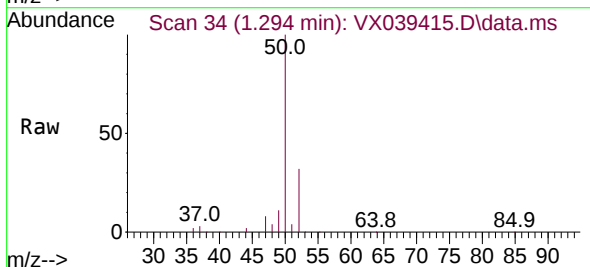
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 ClientSampleId :

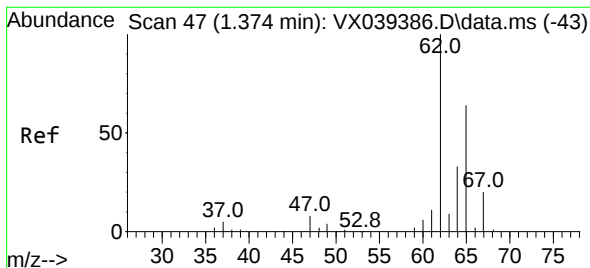
Tgt Ion: 85 Resp: 85991
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 57.517 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039415.D
 Acq: 21 Dec 2023 09:14

Tgt Ion: 50 Resp: 86849
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.4 41.6





#5

Vinyl chloride

Concen: 55.228 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

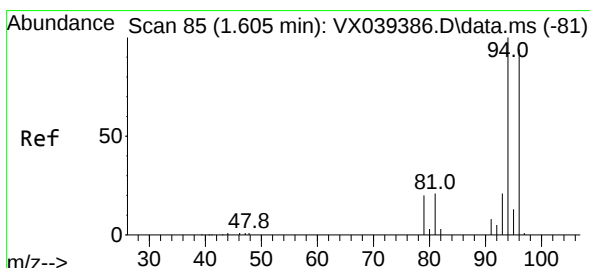
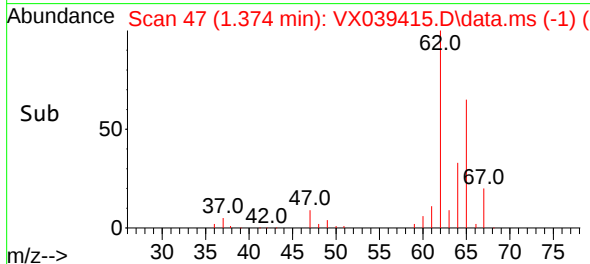
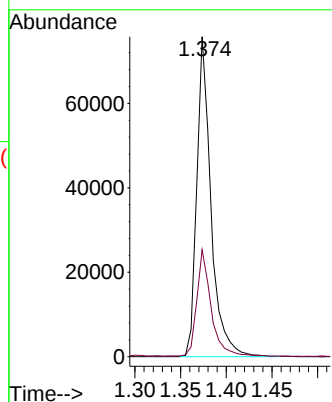
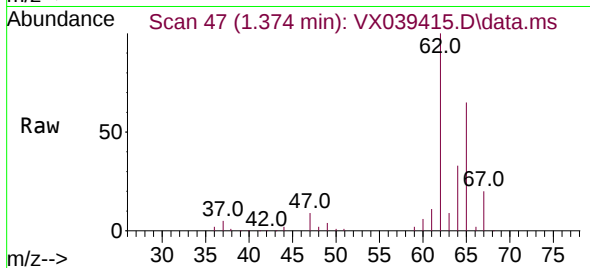
ClientSampleId :

Tgt Ion: 62 Resp: 82190

Ion Ratio Lower Upper

62 100

64 33.4 22.3 41.3



#6

Bromomethane

Concen: 61.145 ug/L

RT: 1.611 min Scan# 86

Delta R.T. 0.006 min

Lab File: VX039415.D

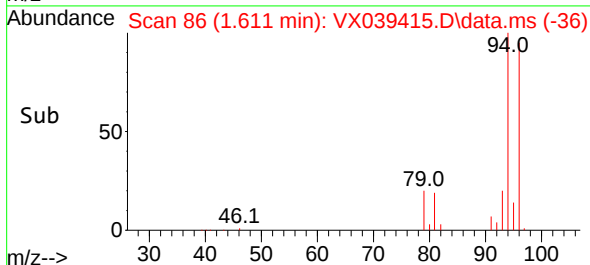
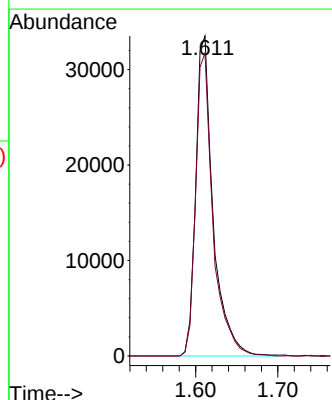
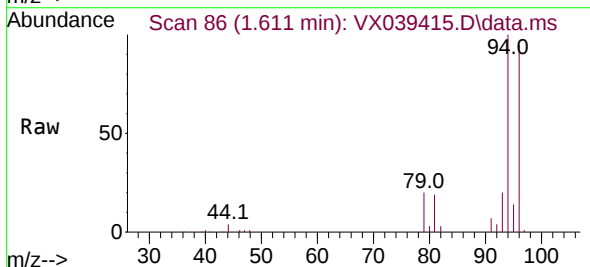
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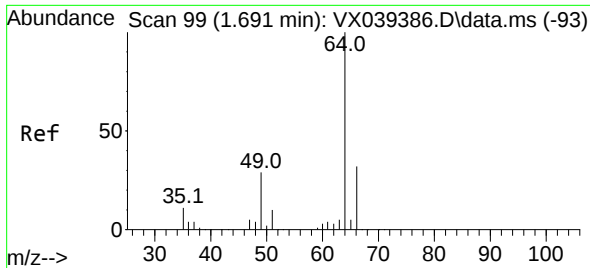
Tgt Ion: 94 Resp: 49116

Ion Ratio Lower Upper

94 100

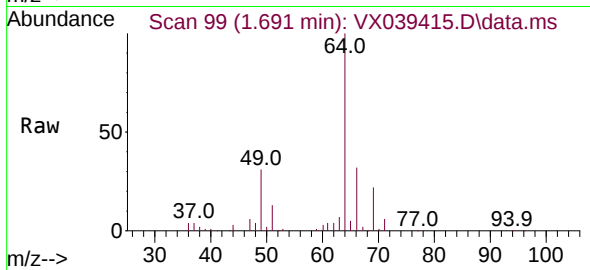
96 94.7 65.8 122.2



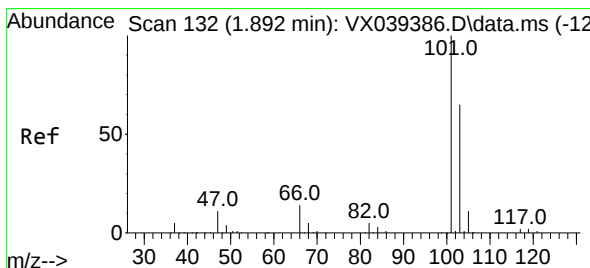
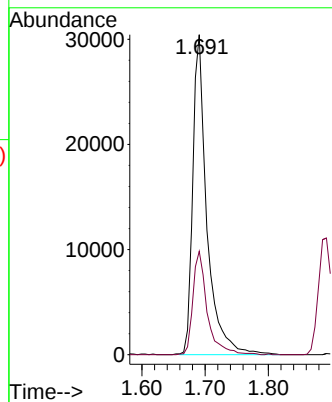
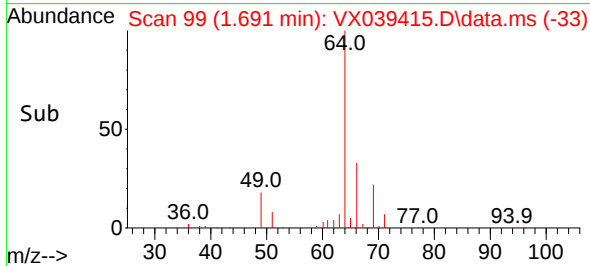


#8
Chloroethane
Concen: 56.057 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Instrument :
MSVOA_X
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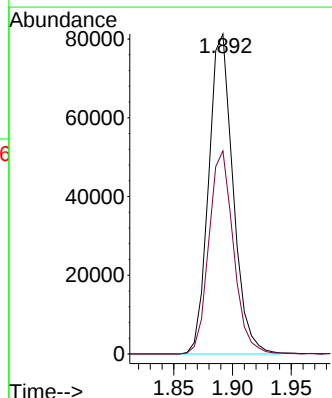
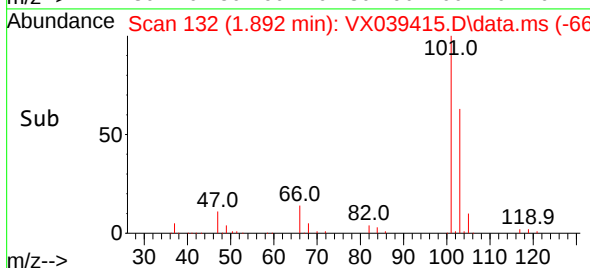
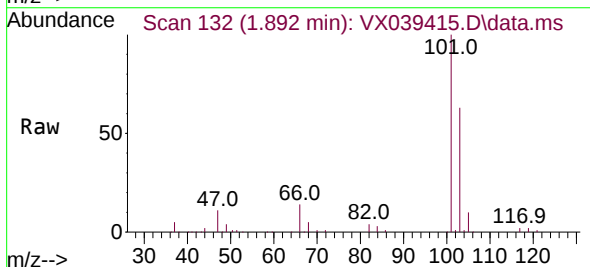


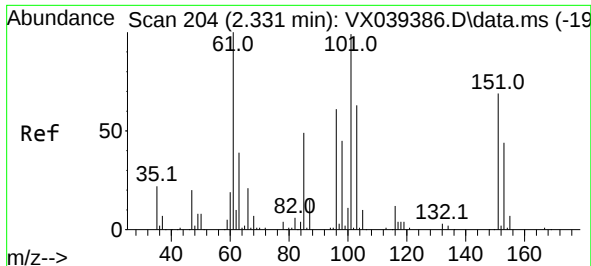
Tgt Ion: 64 Resp: 47163
Ion Ratio Lower Upper
64 100
66 32.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 61.048 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Tgt Ion:101 Resp: 117745
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

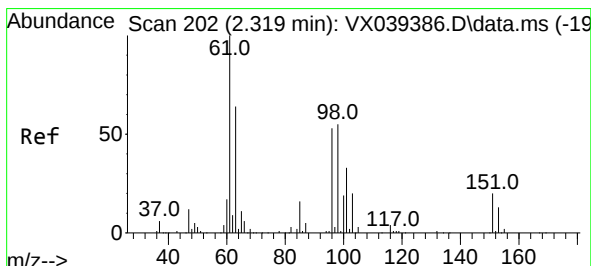
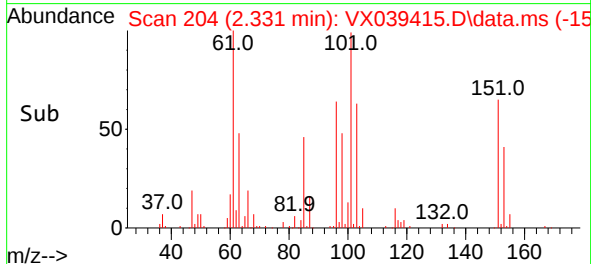
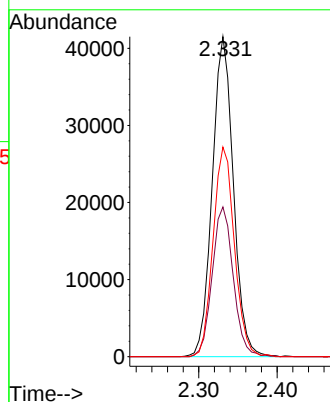
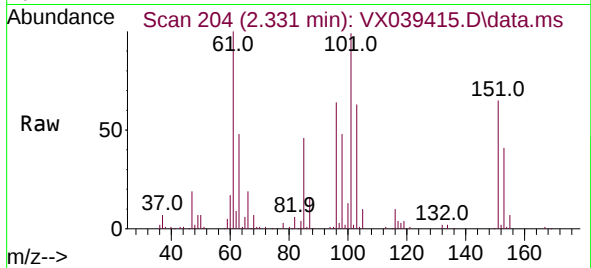




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 62.719 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX039415.D
 Acq: 21 Dec 2023 09:14

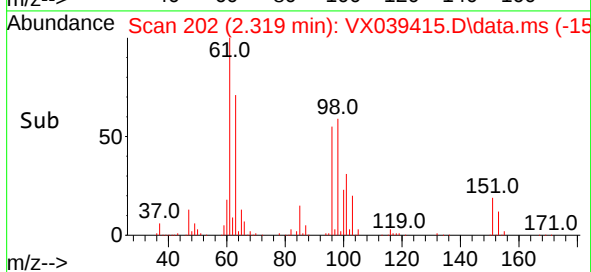
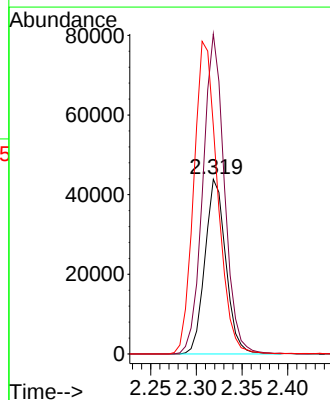
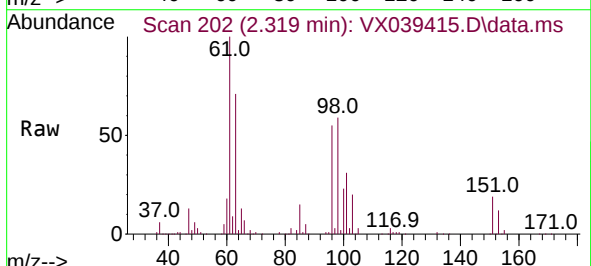
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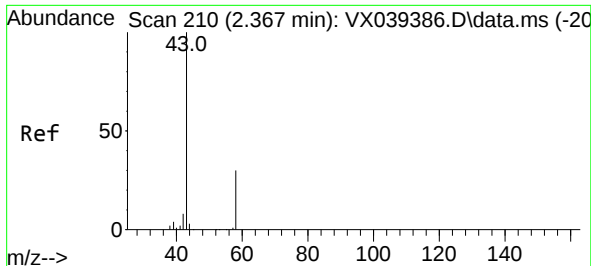
Tgt Ion:101 Resp: 77813
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.8 53.6
 151 65.9 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 59.582 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039415.D
 Acq: 21 Dec 2023 09:14

Tgt Ion: 96 Resp: 69532
 Ion Ratio Lower Upper
 96 100
 61 183.2 128.0 237.6
 63 130.7 101.5 188.5





#13

Acetone

Concen: 117.569 ug/L

RT: 2.373 min Scan# 210

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

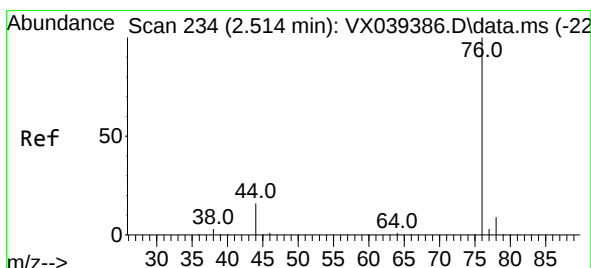
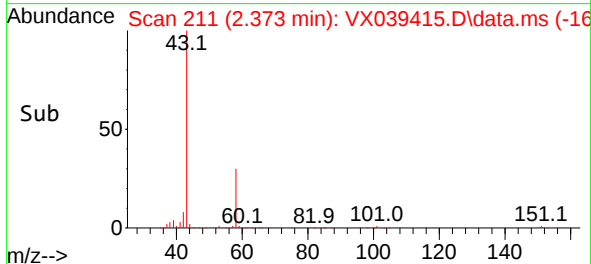
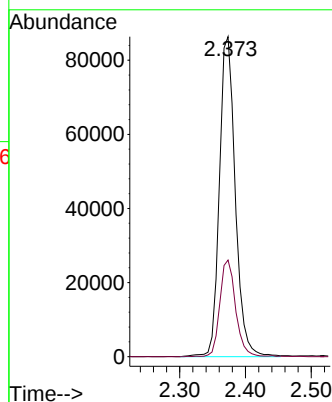
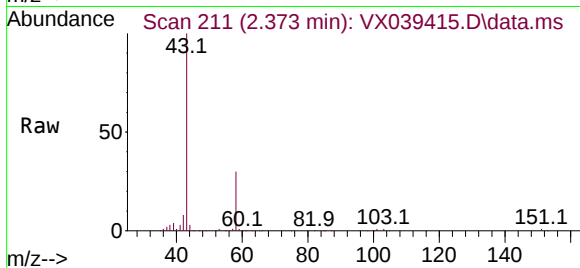
ClientSampleId :

Tgt Ion: 43 Resp: 145265

Ion Ratio Lower Upper

43 100

58 29.9 0.0 65.8



#14

Carbon disulfide

Concen: 51.994 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

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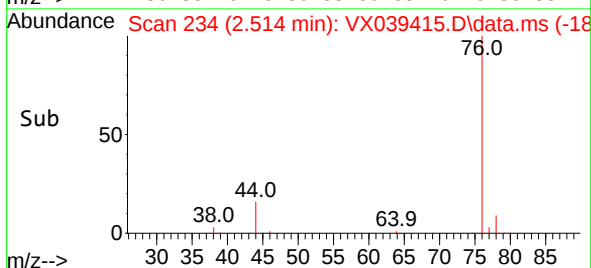
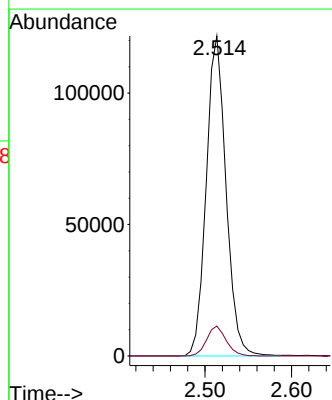
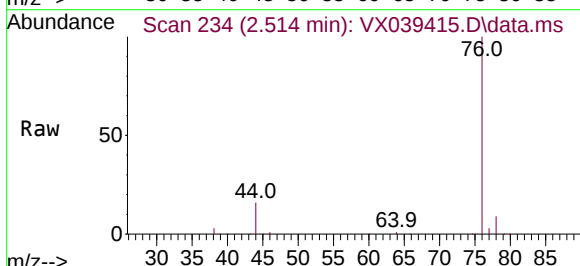
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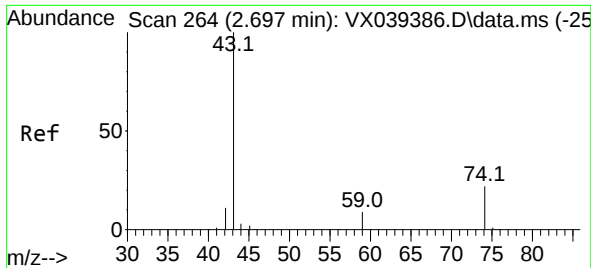
Tgt Ion: 76 Resp: 193083

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

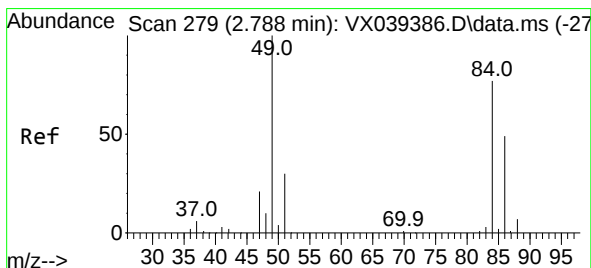
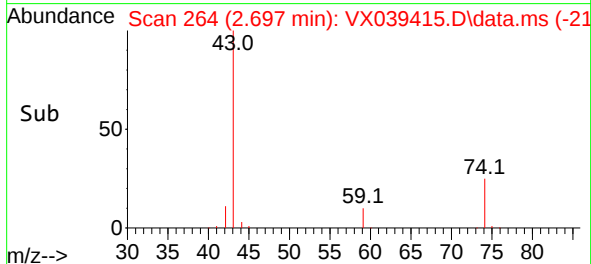
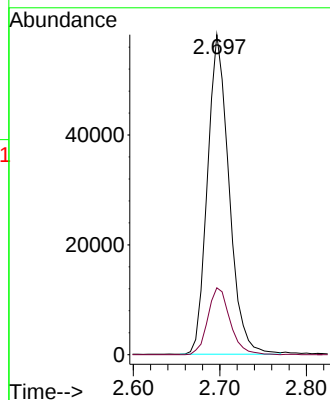
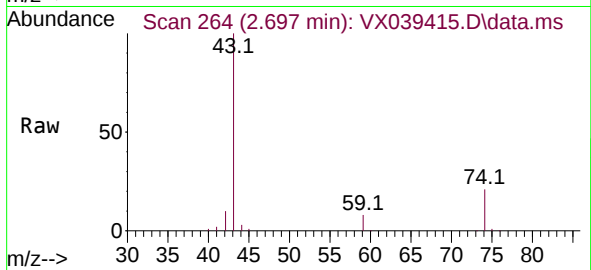




#15
Methyl Acetate
Concen: 57.005 ug/L
RT: 2.697 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

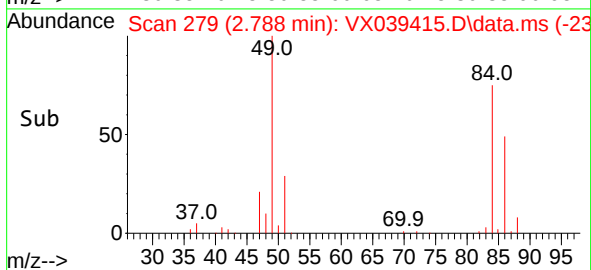
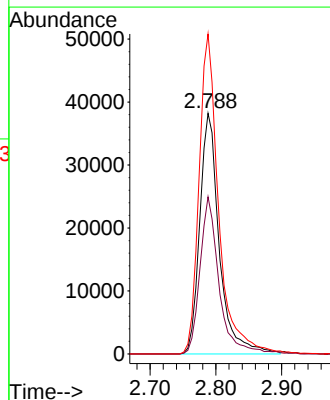
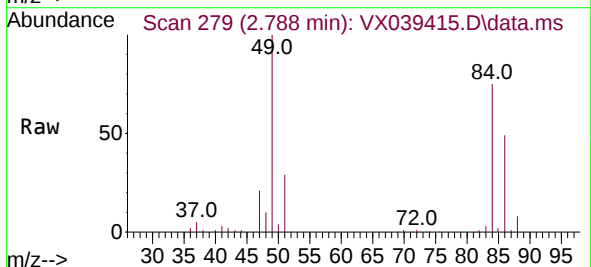
Instrument :
MSVOA_X
ClientSampleId :

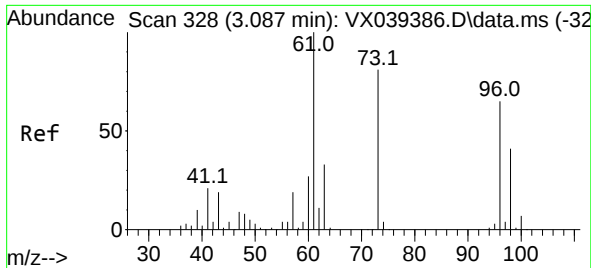
Tgt Ion: 43 Resp: 100673
Ion Ratio Lower Upper
43 100
74 21.6 18.2 27.4



#16
Methylene chloride
Concen: 58.894 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Tgt Ion: 84 Resp: 78965
Ion Ratio Lower Upper
84 100
86 65.3 44.7 82.9
49 133.0 90.9 168.7





#17

trans-1,2-Dichloroethene

Concen: 57.899 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

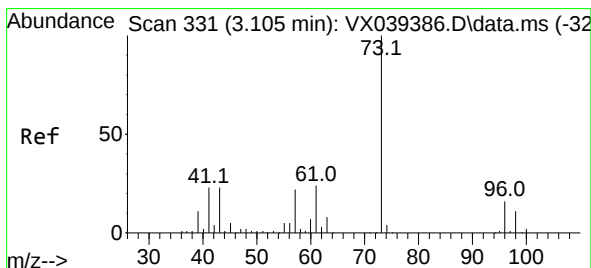
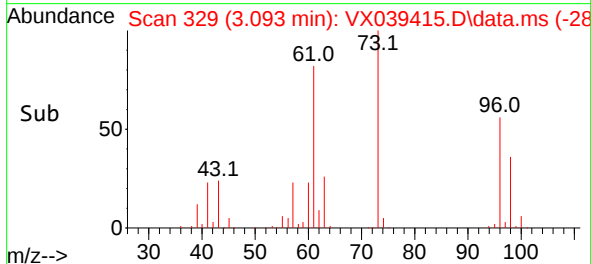
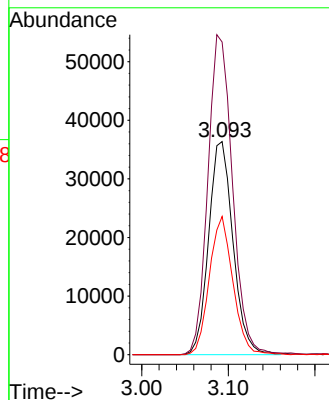
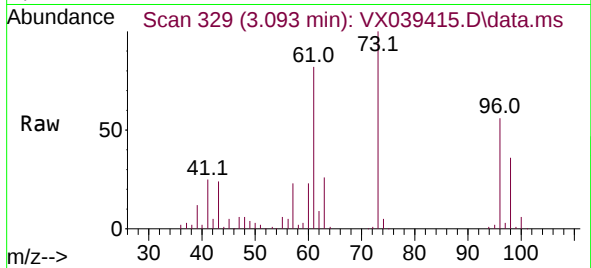
Tgt Ion: 96 Resp: 71192

Ion Ratio Lower Upper

96 100

61 146.7 99.8 185.3

98 64.9 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 58.969 ug/L

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

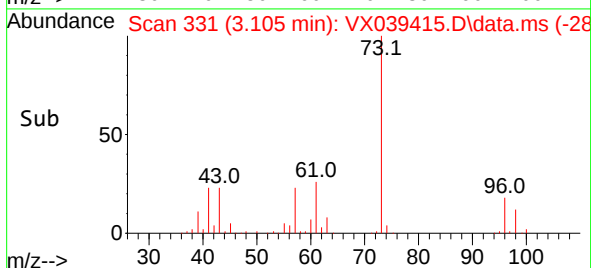
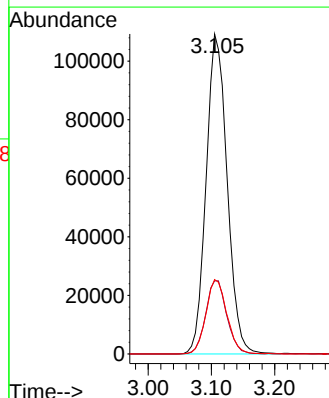
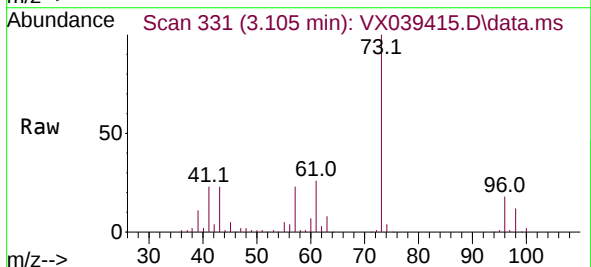
Tgt Ion: 73 Resp: 252386

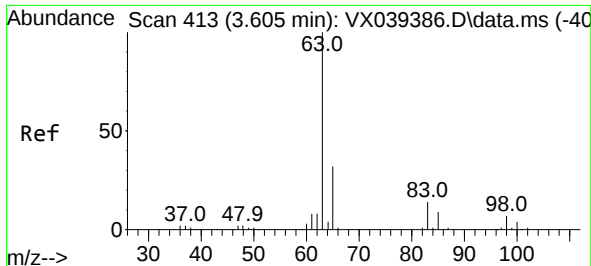
Ion Ratio Lower Upper

73 100

43 23.0 16.9 25.3

57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 59.870 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

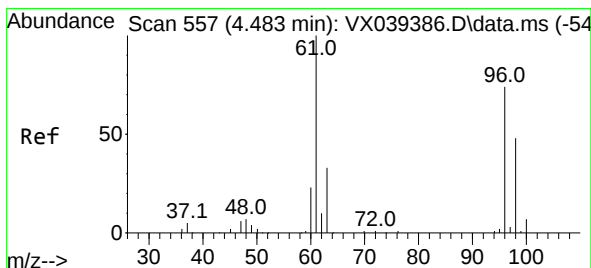
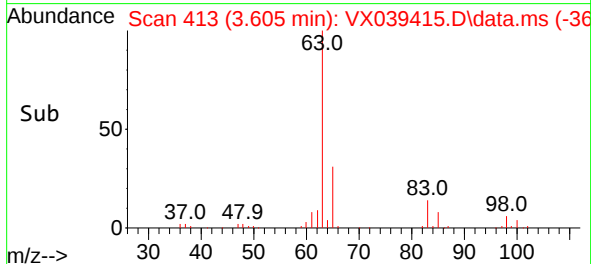
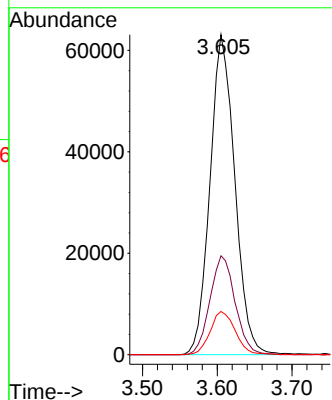
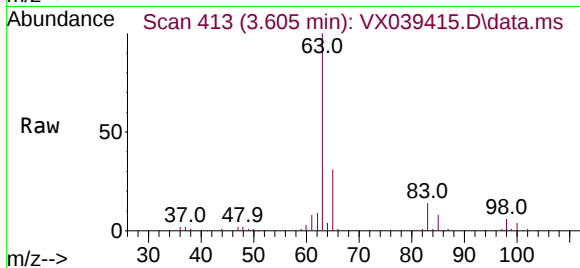
Tgt Ion: 63 Resp: 145559

Ion Ratio Lower Upper

63 100

65 30.9 21.1 39.3

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 57.571 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

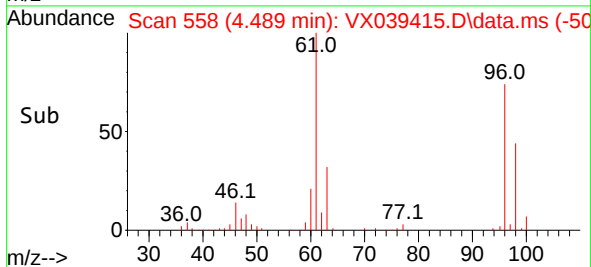
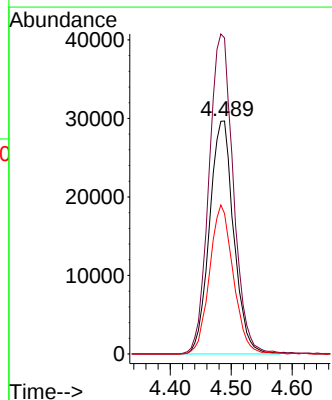
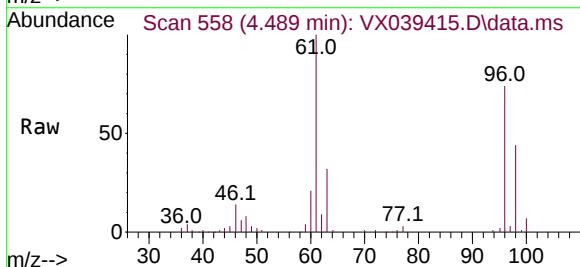
Tgt Ion: 96 Resp: 82107

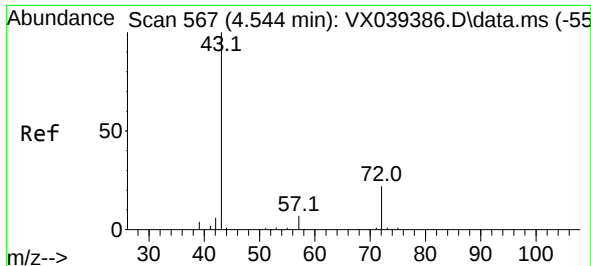
Ion Ratio Lower Upper

96 100

61 135.7 91.7 170.3

98 60.4 44.2 82.2

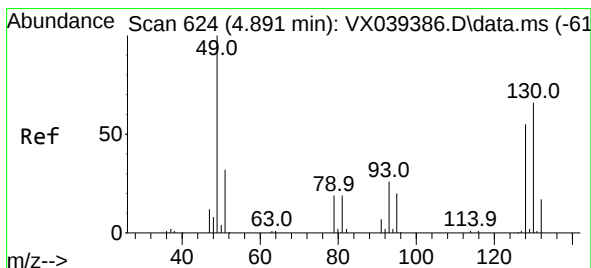
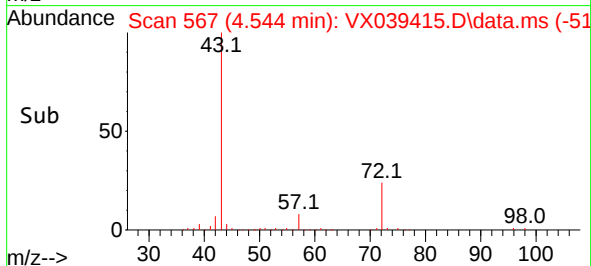
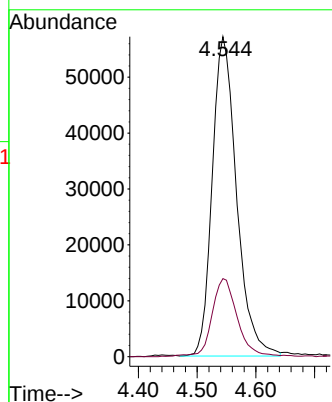
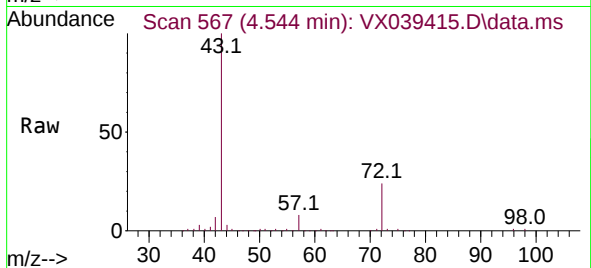




#22
2-Butanone
Concen: 108.442 ug/L
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

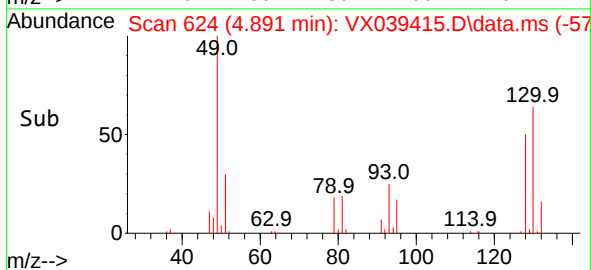
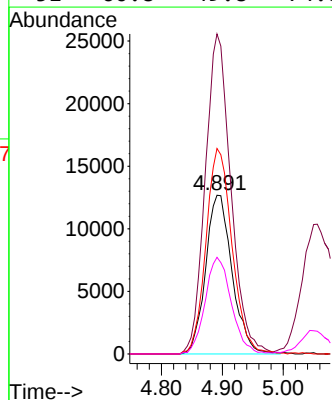
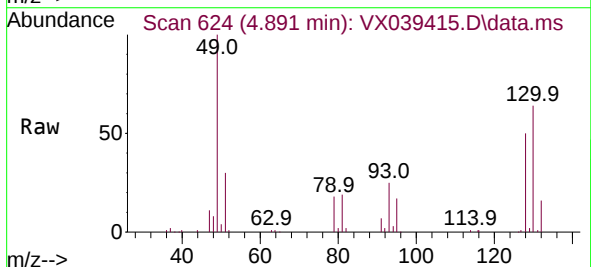
Instrument :
MSVOA_X
ClientSampleId :

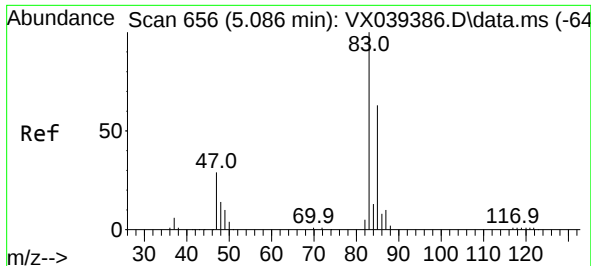
Tgt Ion: 43 Resp: 164436
Ion Ratio Lower Upper
43 100
72 25.3 12.6 37.6



#23
Bromochloromethane
Concen: 57.149 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Tgt Ion:128 Resp: 38314
Ion Ratio Lower Upper
128 100
49 201.5 130.8 243.0
130 129.4 90.6 168.3
51 60.8 49.8 74.8

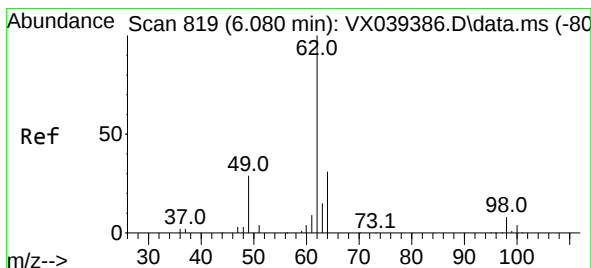
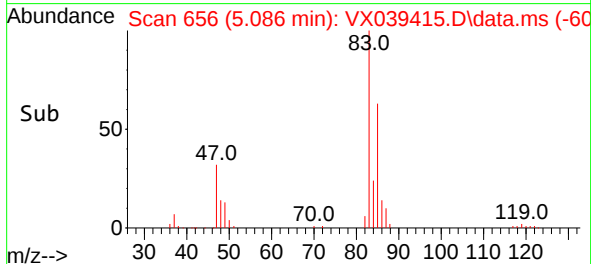
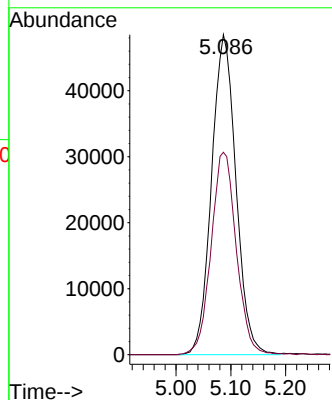
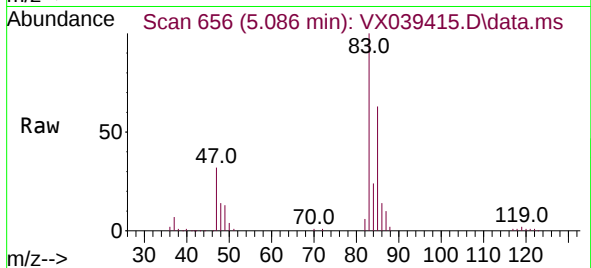




#25
Chloroform
Concen: 61.748 ug/L
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

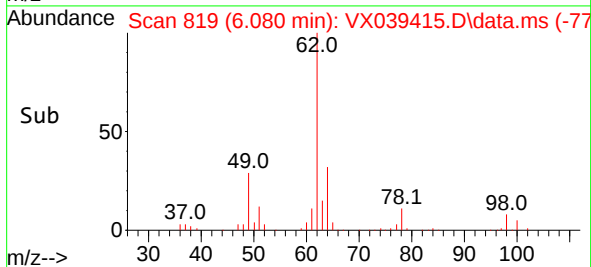
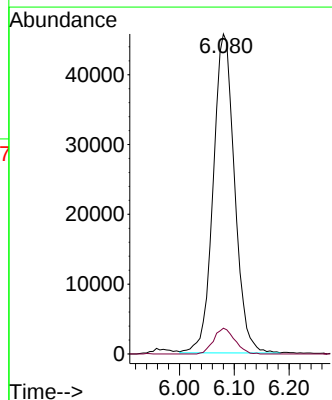
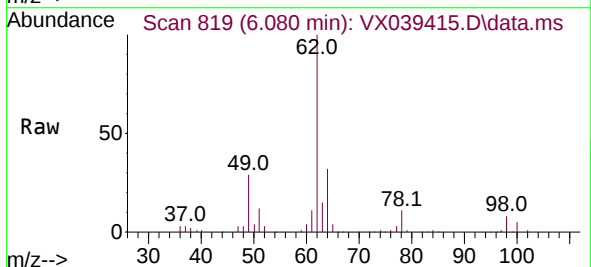
Instrument :
MSVOA_X
ClientSampleId :

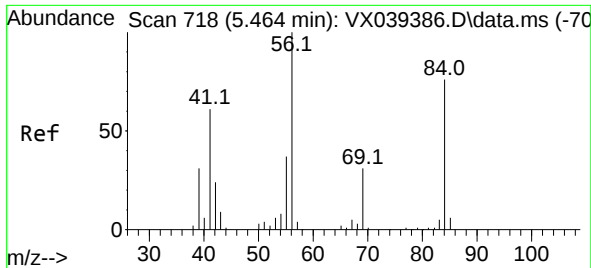
Tgt Ion: 83 Resp: 149739
Ion Ratio Lower Upper
83 100
85 63.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 64.643 ug/L
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

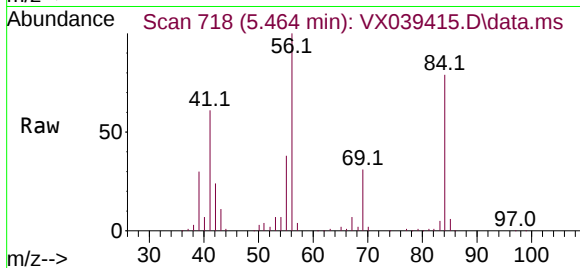
Tgt Ion: 62 Resp: 123724
Ion Ratio Lower Upper
62 100
98 8.1 8.0 12.0



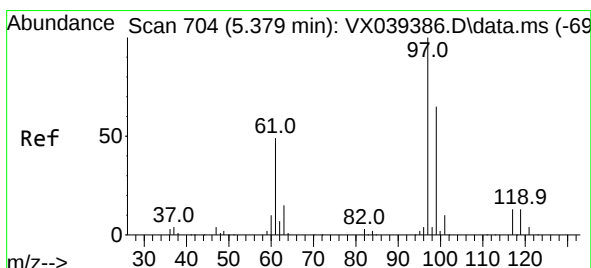
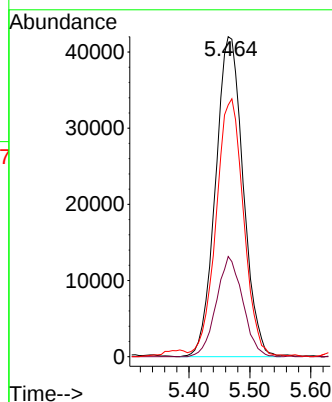
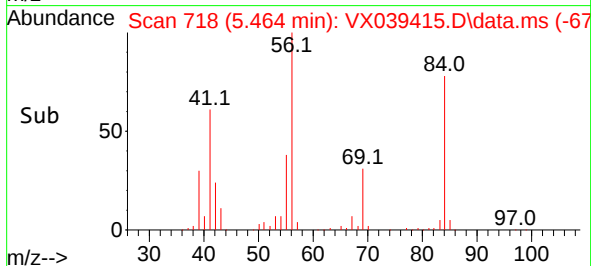


#29
Cyclohexane
Concen: 54.876 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :

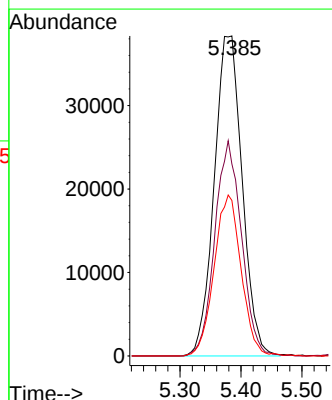
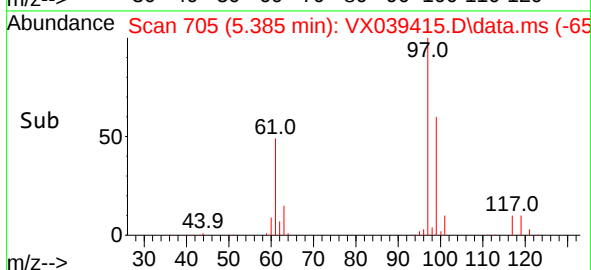
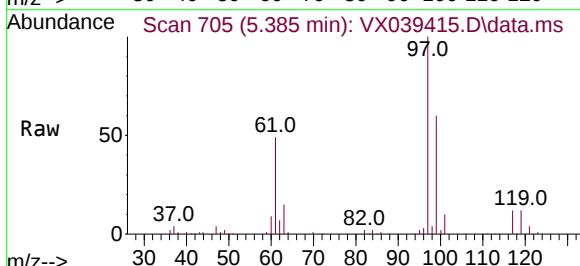


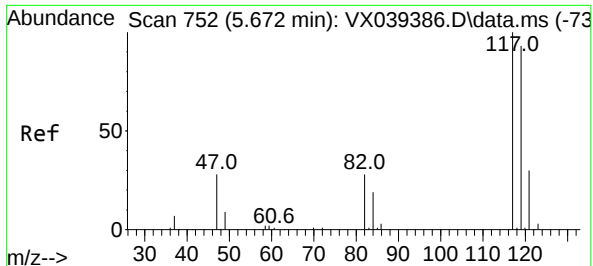
Tgt Ion: 56 Resp: 132402
Ion Ratio Lower Upper
56 100
69 29.8 24.5 36.7
84 80.1 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 58.586 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

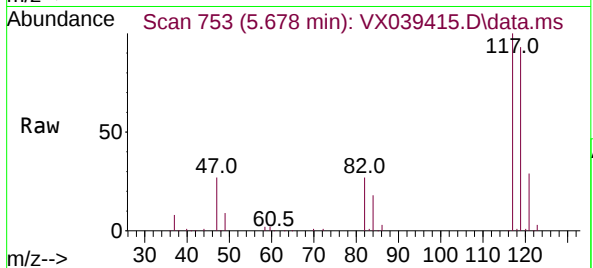
Tgt Ion: 97 Resp: 122604
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 48.3 36.7 55.1



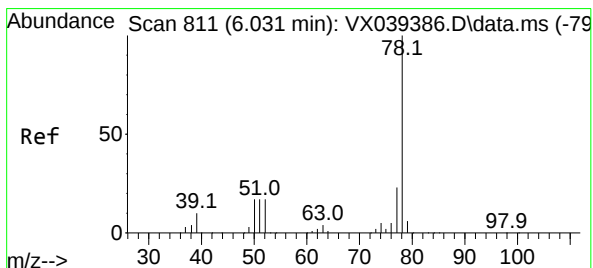
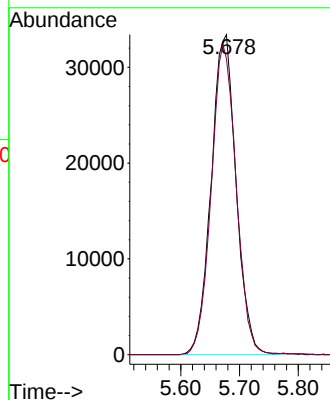
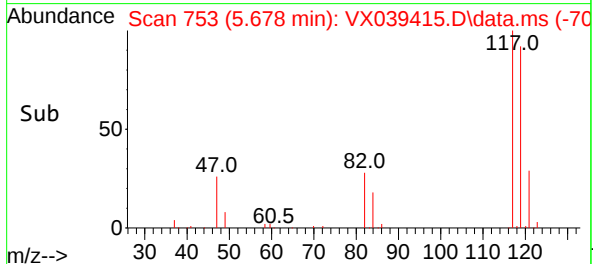


#31
Carbon tetrachloride
Concen: 56.498 ug/L
RT: 5.678 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :

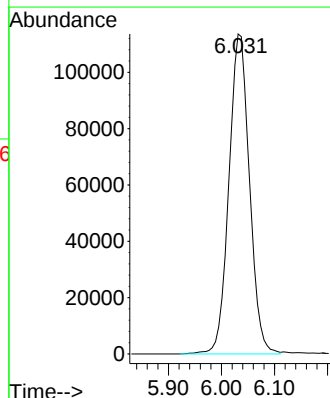
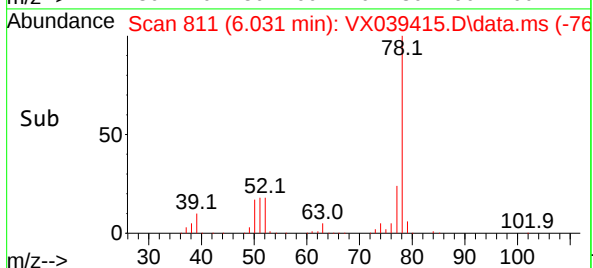
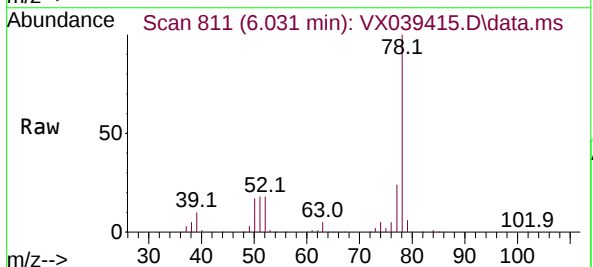


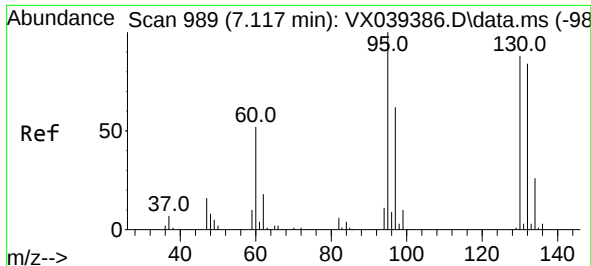
Tgt Ion:117 Resp: 98645
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.4



#33
Benzene
Concen: 55.797 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

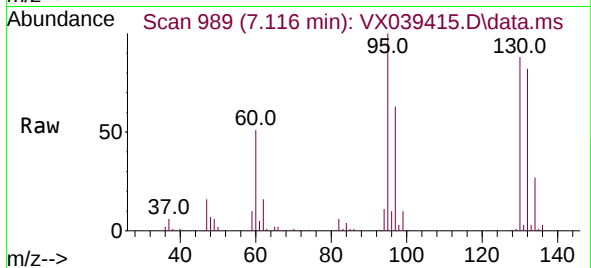
Tgt Ion: 78 Resp: 305833



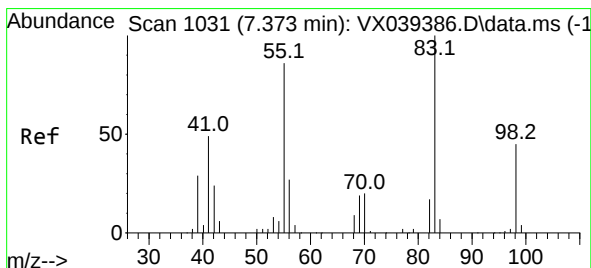
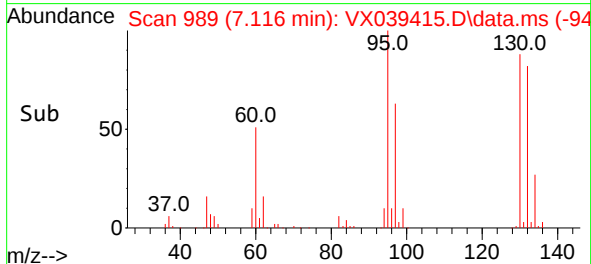
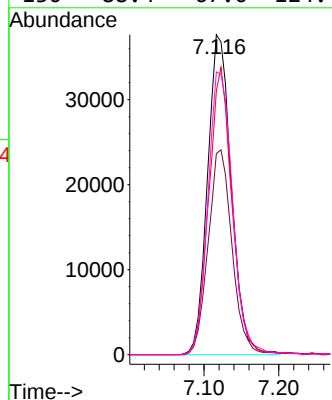


#34
Trichloroethene
Concen: 57.598 ug/L
RT: 7.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :

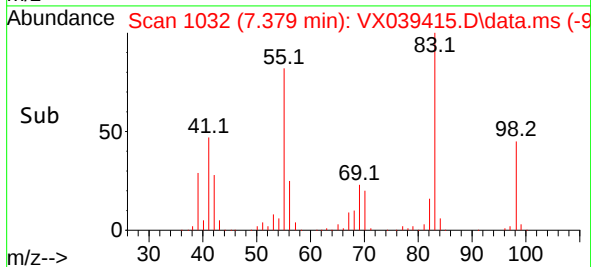
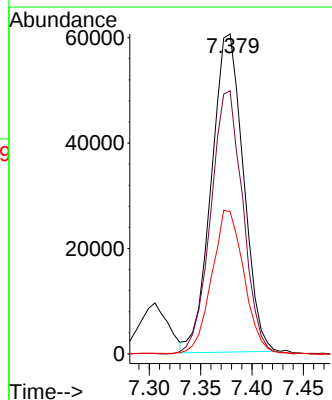
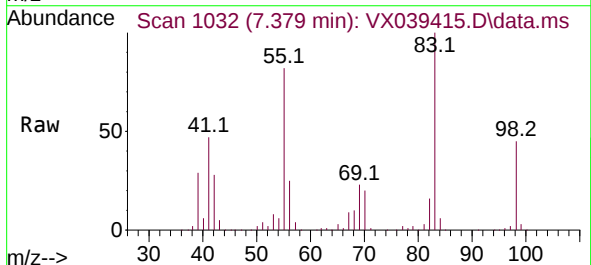


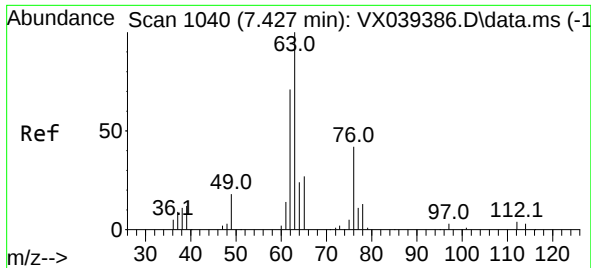
Tgt Ion: 95 Resp: 83433
Ion Ratio Lower Upper
95 100
97 62.9 45.5 84.5
132 82.4 62.2 115.4
130 88.4 67.0 124.4



#35
Methylcyclohexane
Concen: 54.132 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Tgt Ion: 83 Resp: 130593
Ion Ratio Lower Upper
83 100
55 83.1 62.5 93.7
98 45.7 36.1 54.1

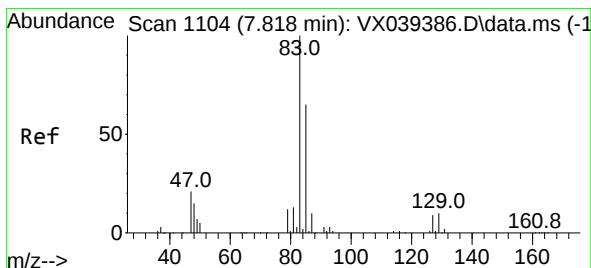
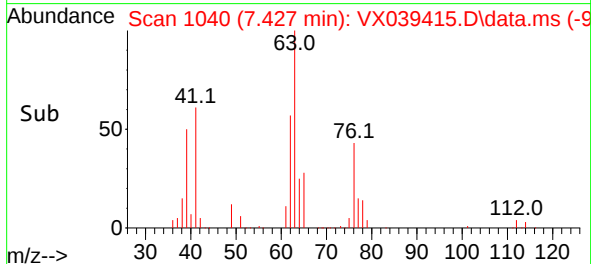
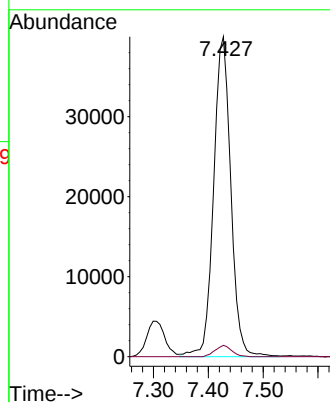
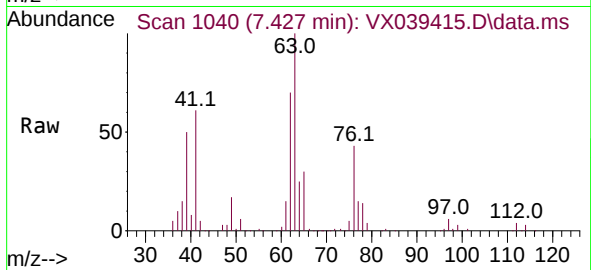




#37
1,2-Dichloropropane
Concen: 57.223 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

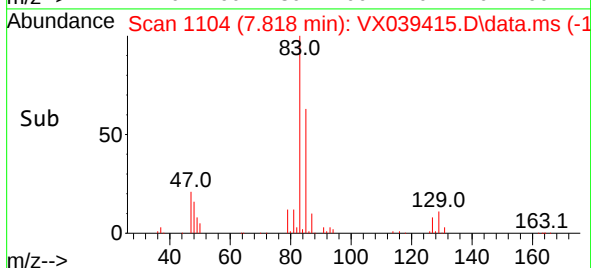
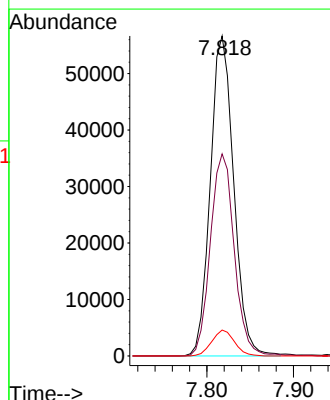
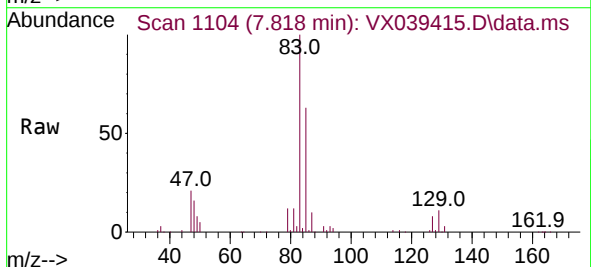
Instrument :
MSVOA_X
ClientSampleId :

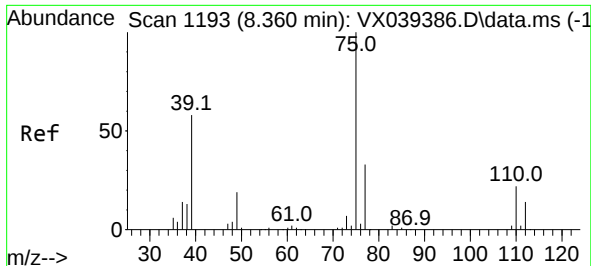
Tgt Ion: 63 Resp: 86988
Ion Ratio Lower Upper
63 100
112 3.4 2.8 4.2



#38
Bromodichloromethane
Concen: 57.565 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Tgt Ion: 83 Resp: 106435
Ion Ratio Lower Upper
83 100
85 63.1 43.3 80.5
127 8.1 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 54.351 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

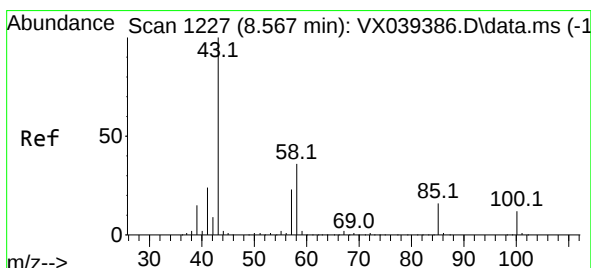
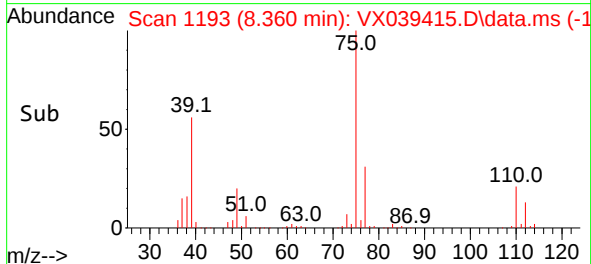
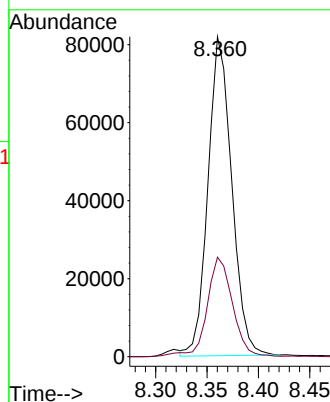
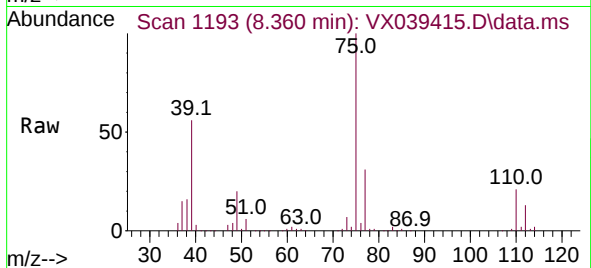
ClientSampleId :

Tgt Ion: 75 Resp: 131775

Ion Ratio Lower Upper

75 100

77 31.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 111.573 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

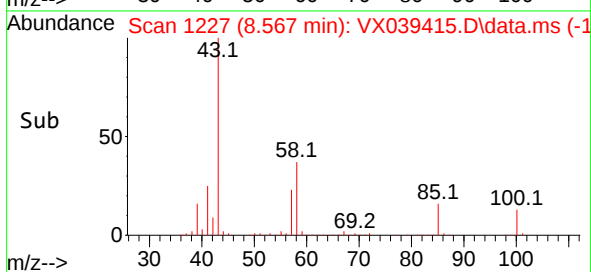
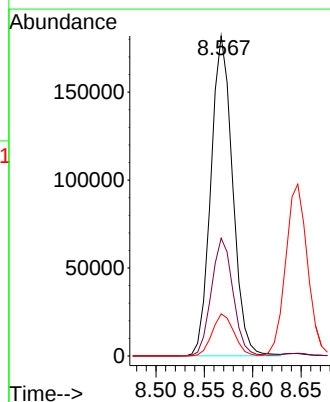
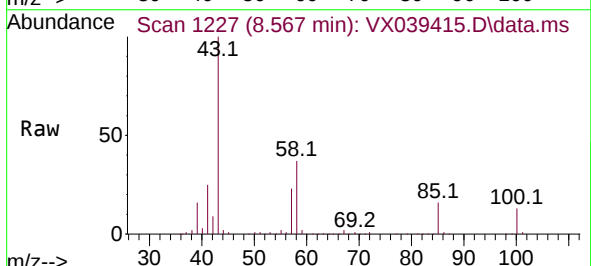
Tgt Ion: 43 Resp: 284256

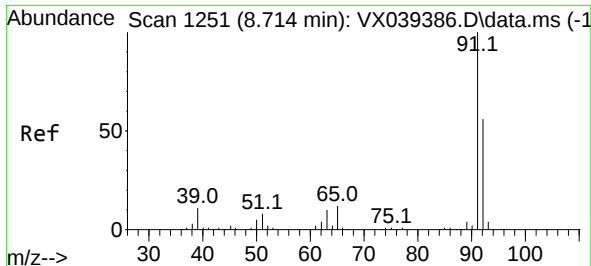
Ion Ratio Lower Upper

43 100

58 36.7 30.9 46.3

100 13.2 10.6 16.0





#42

Toluene

Concen: 56.154 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

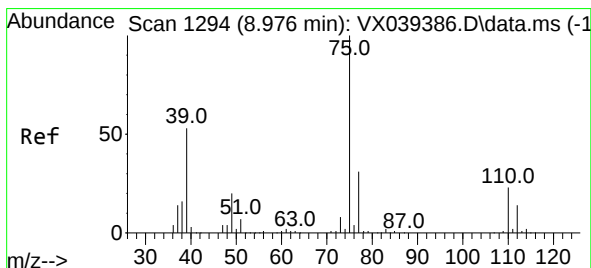
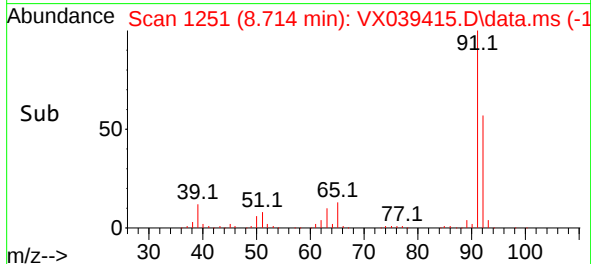
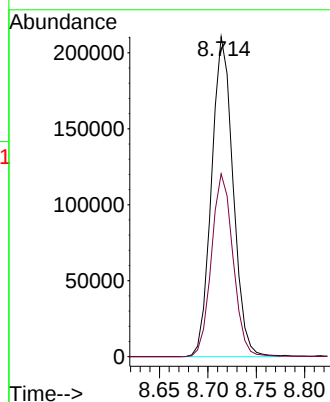
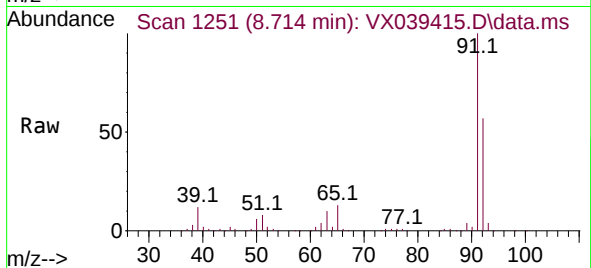
ClientSampleId :

Tgt Ion: 91 Resp: 326389

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 56.361 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039415.D

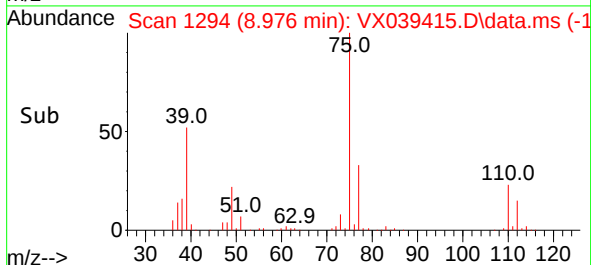
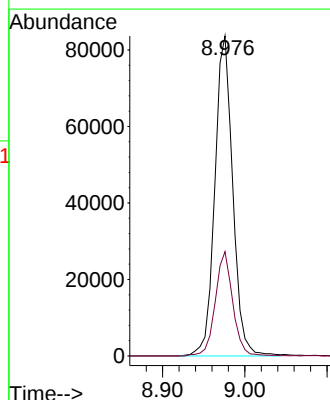
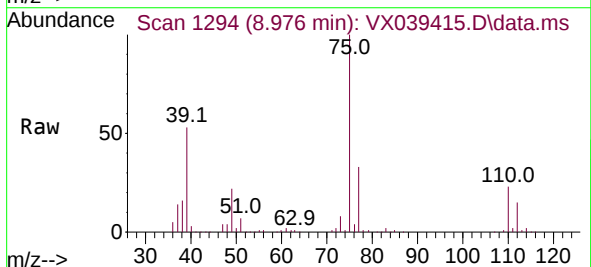
Acq: 21 Dec 2023 09:14

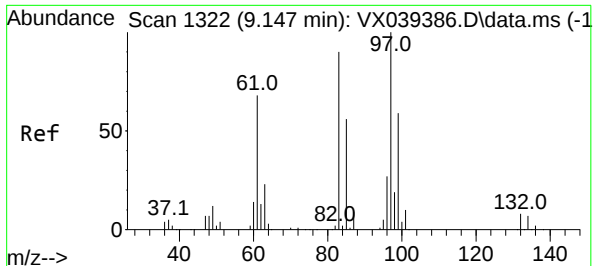
Tgt Ion: 75 Resp: 126808

Ion Ratio Lower Upper

75 100

77 32.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 57.327 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 79862

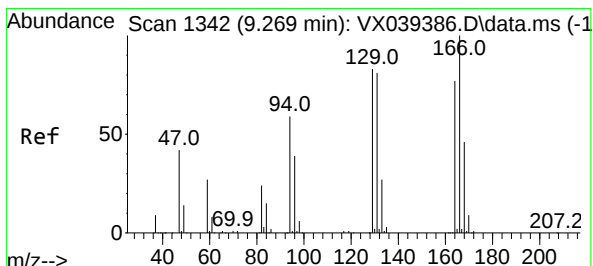
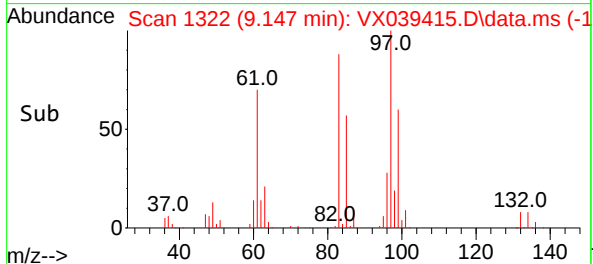
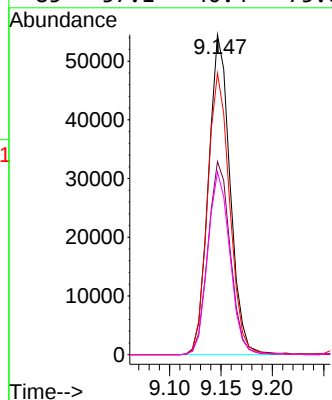
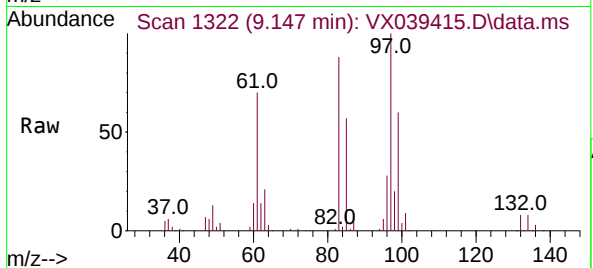
Ion Ratio Lower Upper

97 100

99 60.4 43.1 80.1

83 88.0 64.0 118.8

85 57.1 40.4 75.0



#46

Tetrachloroethene

Concen: 56.994 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Tgt Ion: 164 Resp: 54461

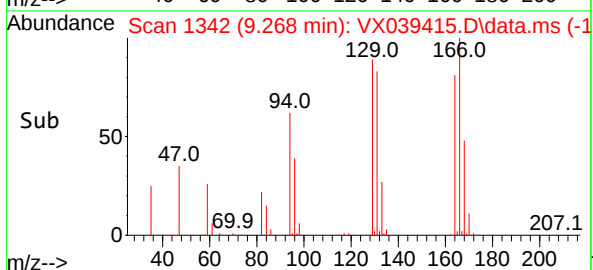
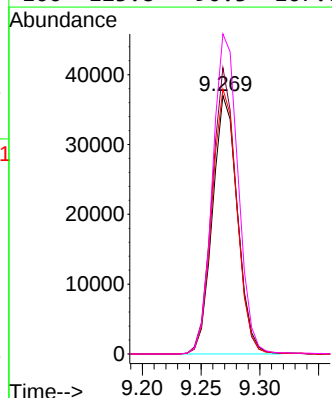
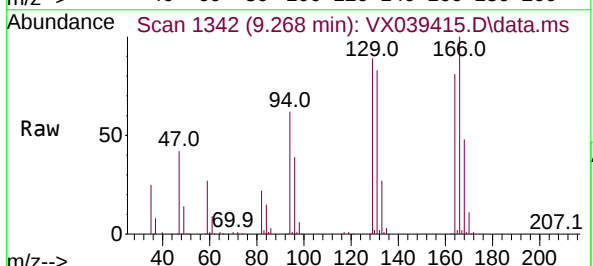
Ion Ratio Lower Upper

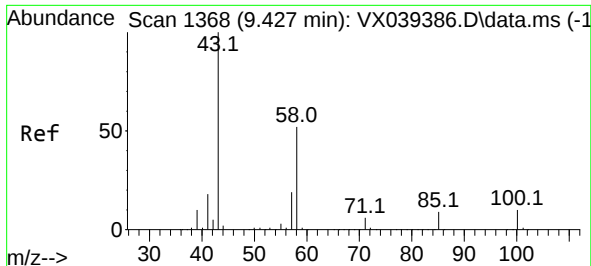
164 100

129 110.8 71.9 133.5

131 102.6 69.5 129.1

166 123.8 90.3 167.7



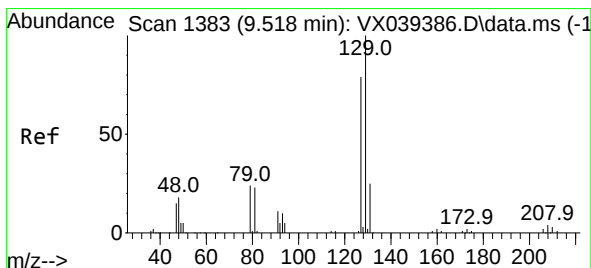
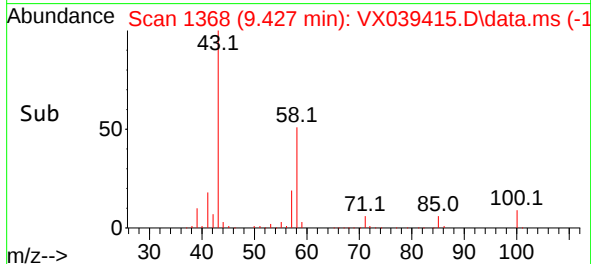
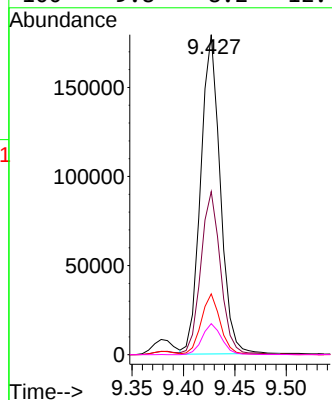
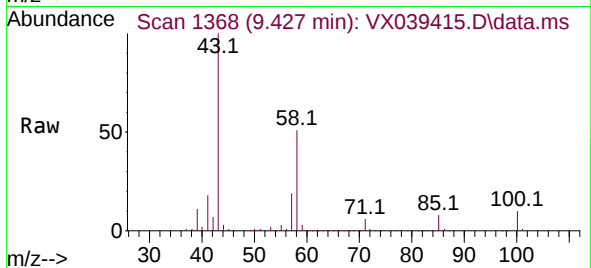


#48
2-Hexanone
Concen: 111.508 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 237773

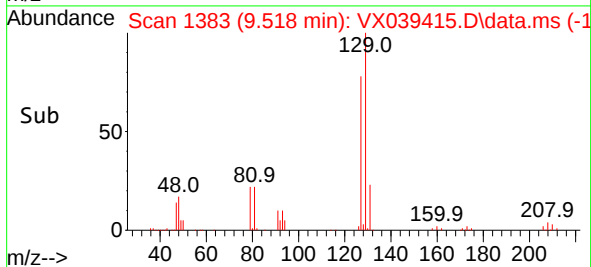
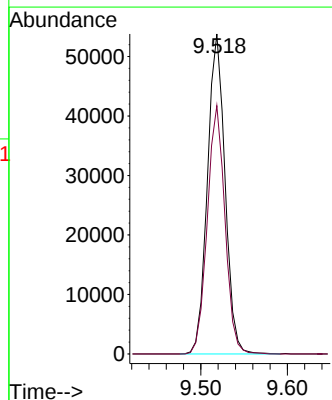
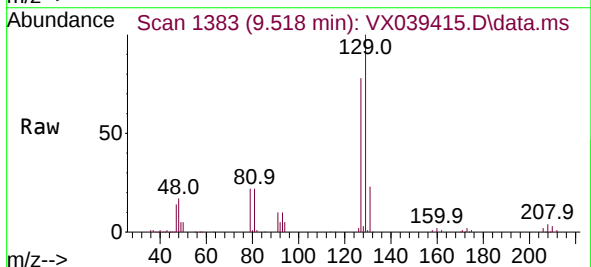
Ion	Ratio	Lower	Upper
43	100		
58	51.9	43.0	64.6
57	18.8	14.6	21.8
100	9.8	8.2	12.4

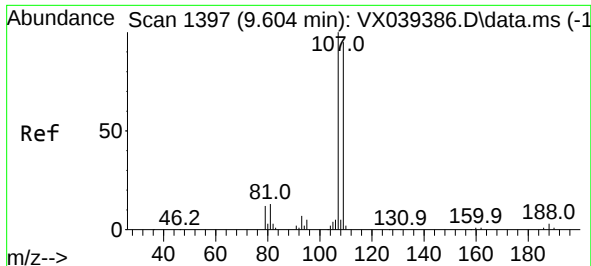


#49
Dibromochloromethane
Concen: 55.905 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Tgt Ion: 129 Resp: 75872

Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.2	102.4





#50

1,2-Dibromoethane

Concen: 57.244 ug/L

RT: 9.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039415.D

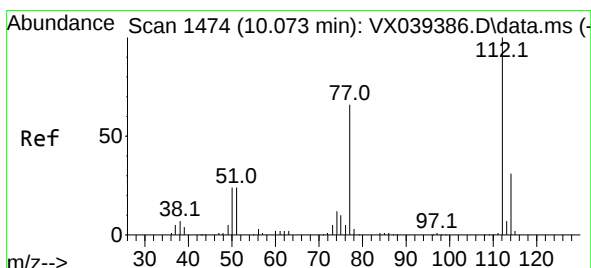
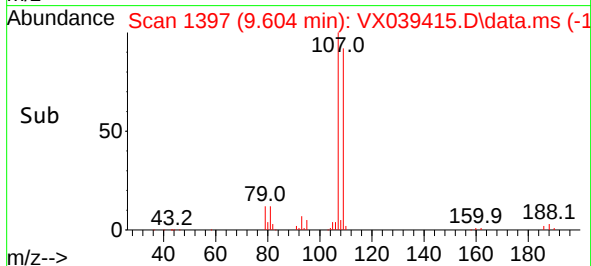
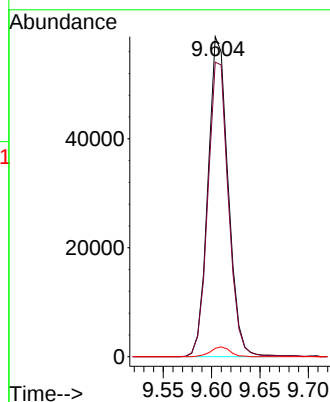
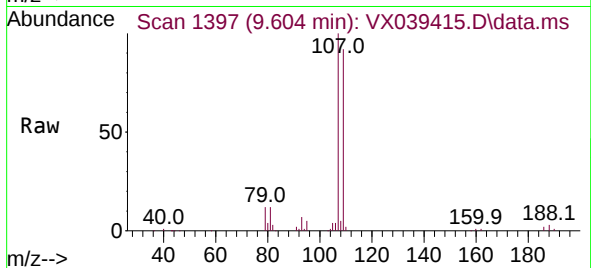
Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	85435
Ion Ratio	Lower	Upper
107	100	
109	92.0	65.2 121.0
188	2.6	2.5 3.7



#51

Chlorobenzene

Concen: 56.682 ug/L

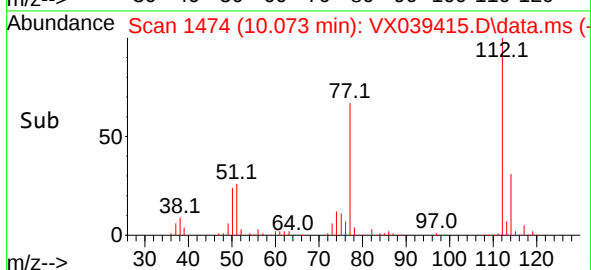
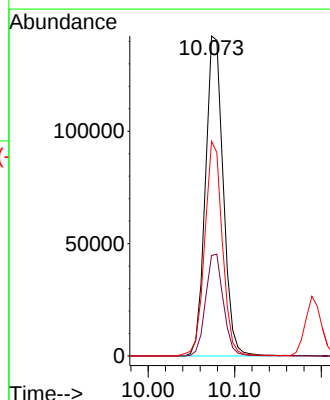
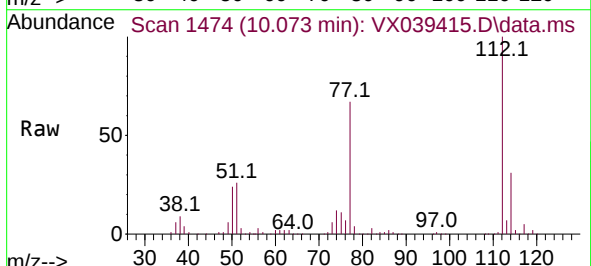
RT: 10.073 min Scan# 1474

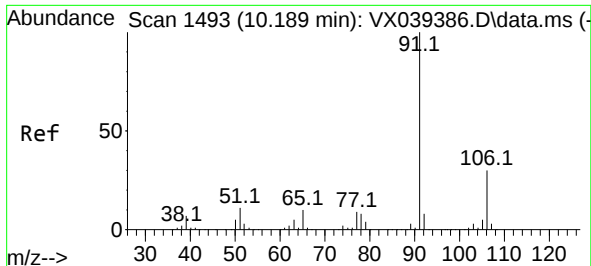
Delta R.T. -0.006 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Tgt Ion:112	Resp:	203505
Ion Ratio	Lower	Upper
112	100	
114	31.4	21.8 40.4
77	67.1	49.0 73.6

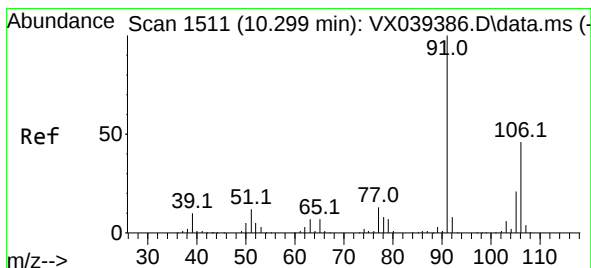
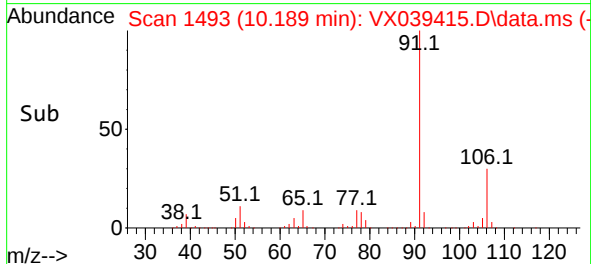
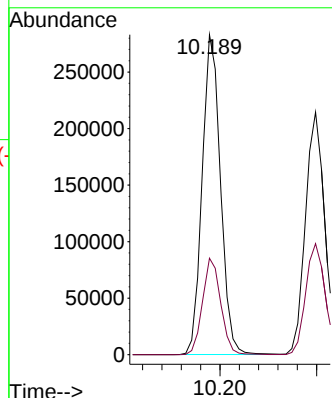
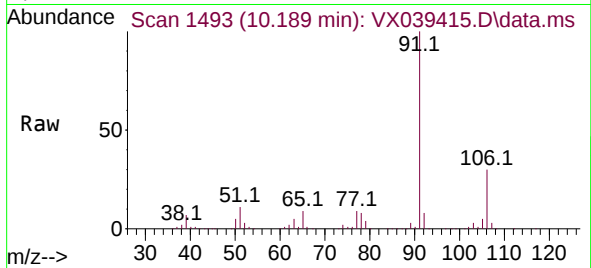




#52
Ethylbenzene
Concen: 57.459 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

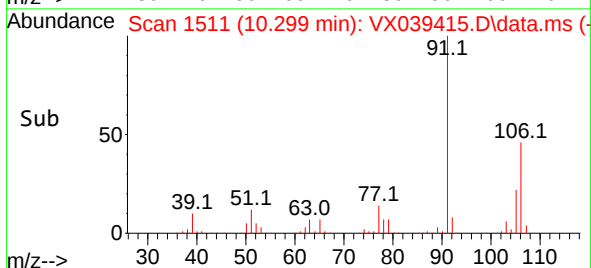
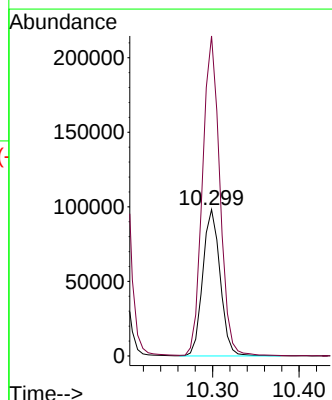
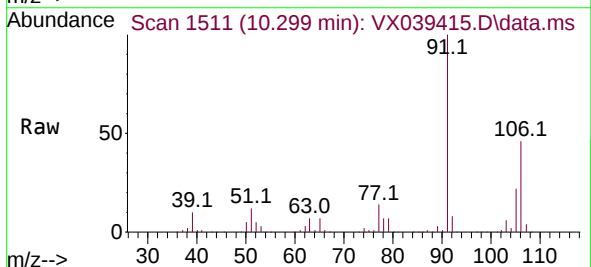
Instrument :
MSVOA_X
ClientSampleId :

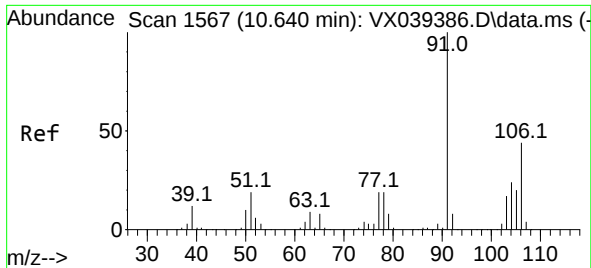
Tgt Ion: 91 Resp: 373368
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 56.535 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Tgt Ion:106 Resp: 137353
Ion Ratio Lower Upper
106 100
91 218.6 149.0 276.8

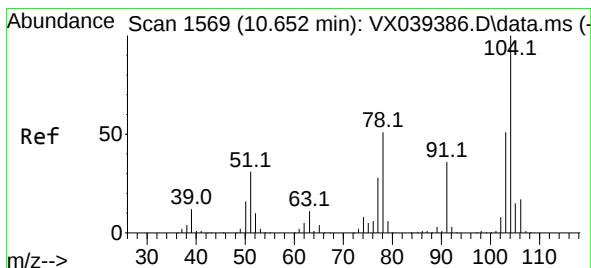
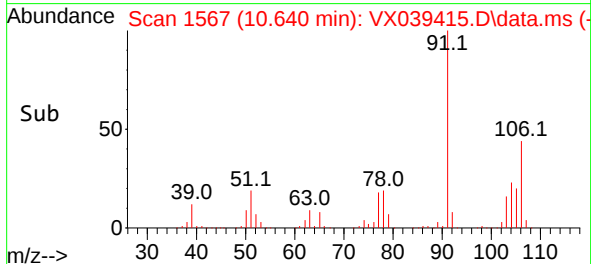
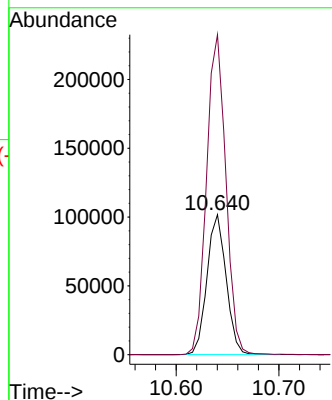
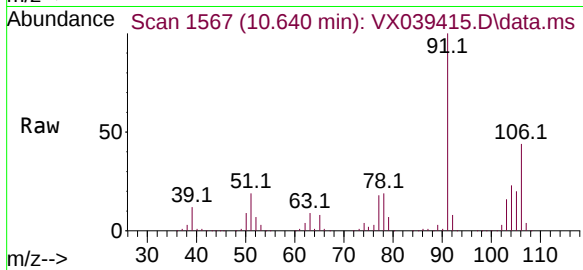




#54
o-Xylene
Concen: 56.537 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

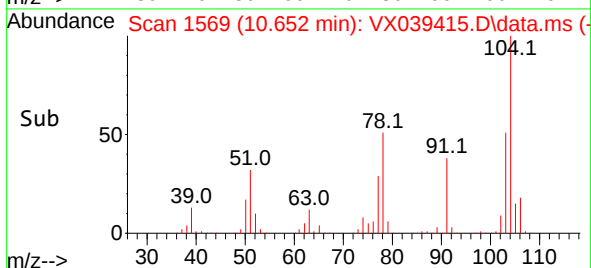
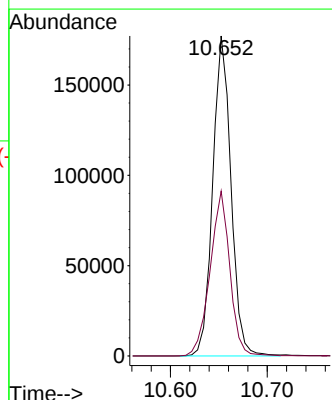
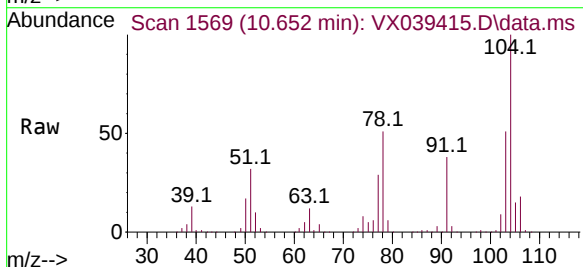
Instrument :
MSVOA_X
ClientSampleId :

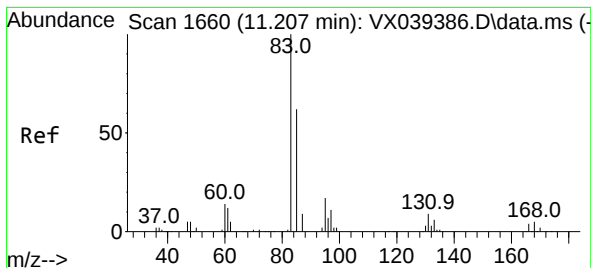
Tgt Ion:106 Resp: 131801
Ion Ratio Lower Upper
106 100
91 228.6 156.2 290.0



#55
Styrene
Concen: 58.154 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Tgt Ion:104 Resp: 231969
Ion Ratio Lower Upper
104 100
78 51.5 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 56.744 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

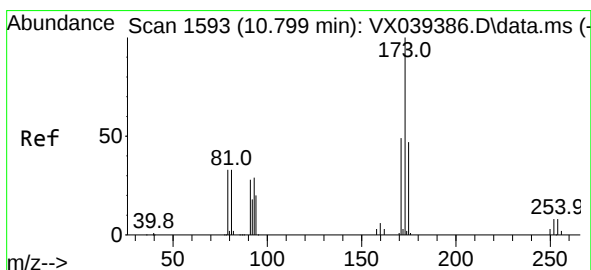
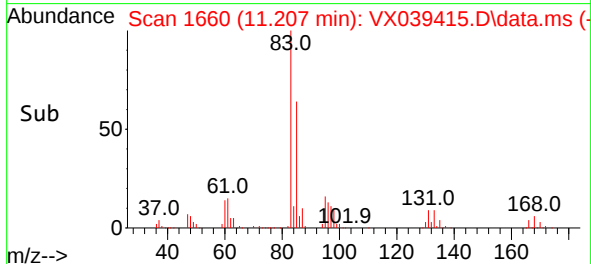
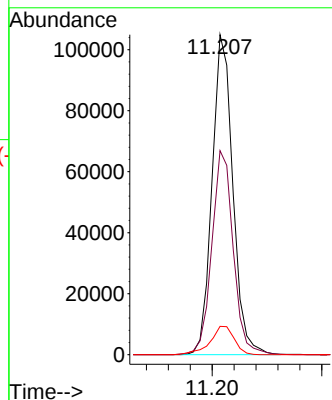
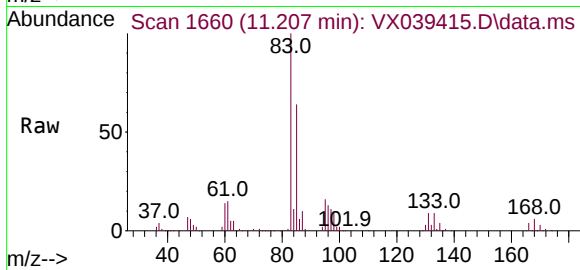
Tgt Ion: 83 Resp: 137958

Ion Ratio Lower Upper

83 100

85 63.8 45.2 84.0

131 8.8 7.2 10.8



#59

Bromoform

Concen: 49.626 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

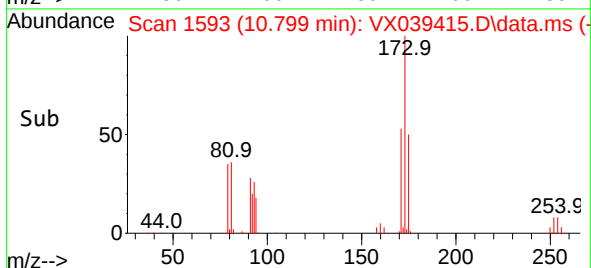
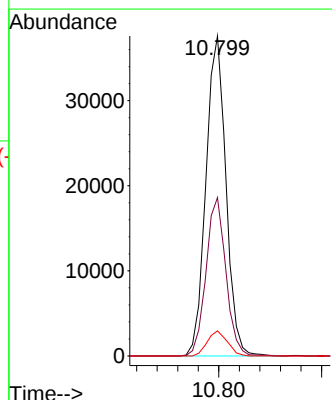
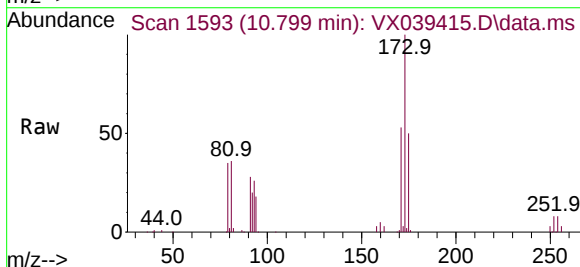
Tgt Ion:173 Resp: 50921

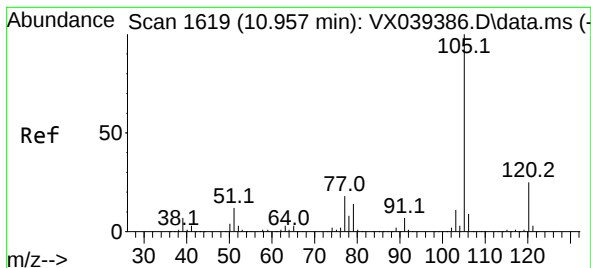
Ion Ratio Lower Upper

173 100

175 49.0 38.7 58.1

254 7.8 6.2 9.2





#60

Isopropylbenzene

Concen: 57.509 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

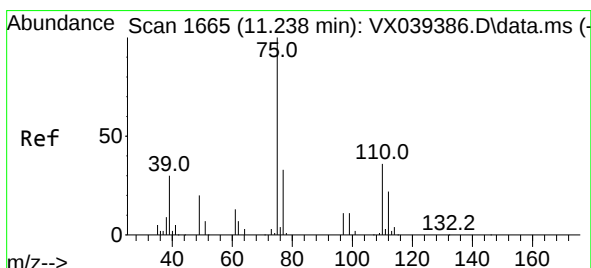
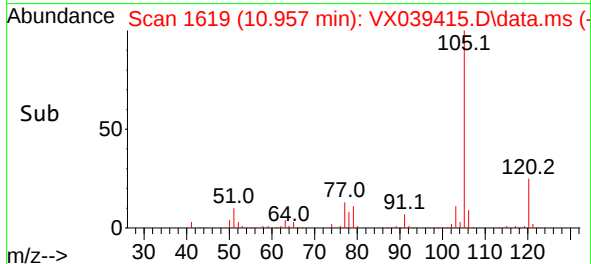
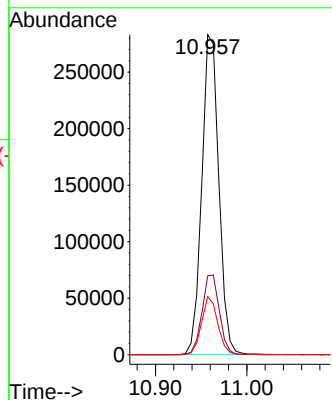
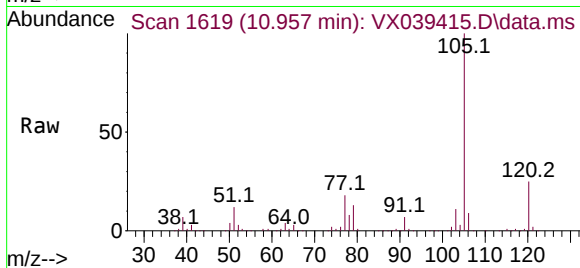
Tgt Ion:105 Resp: 366885

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 17.3 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 56.805 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

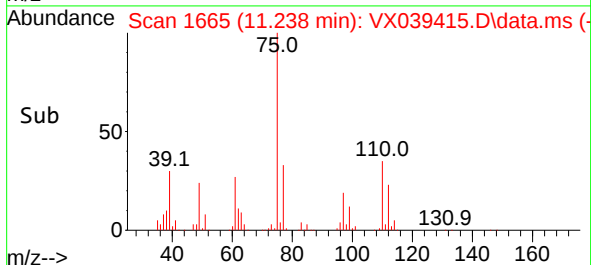
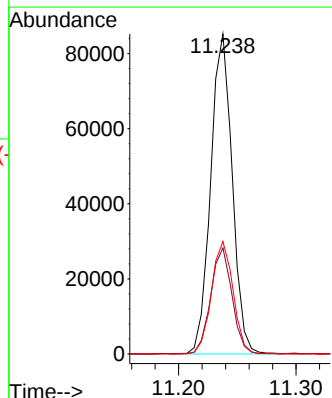
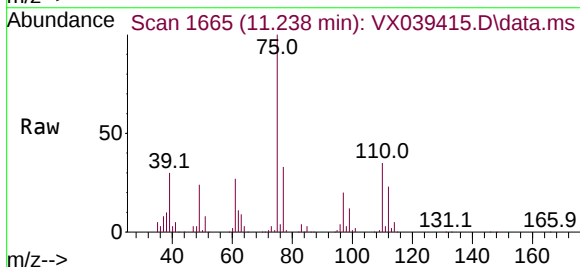
Tgt Ion: 75 Resp: 108643

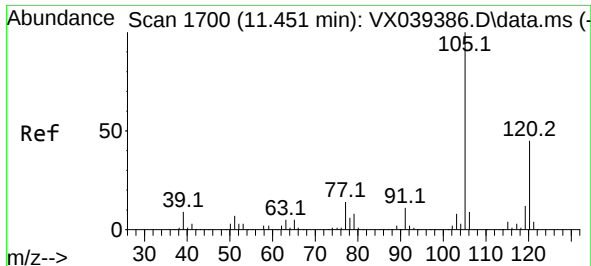
Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.6

110 35.3 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 57.740 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

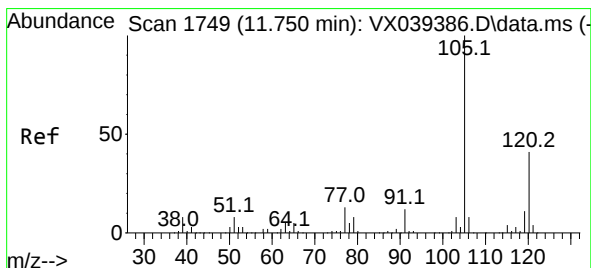
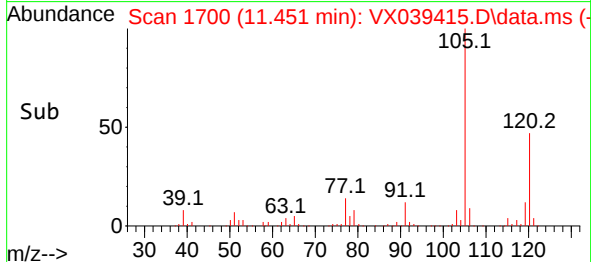
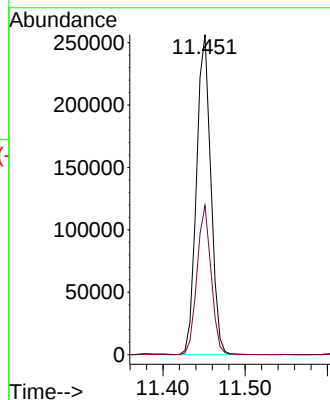
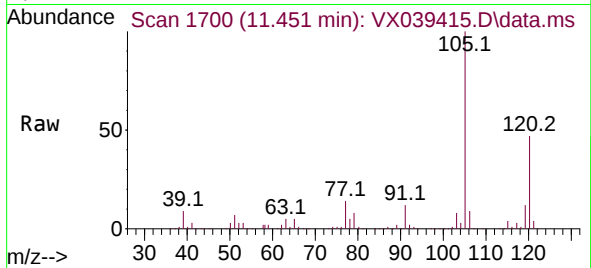
ClientSampleId :

Tgt Ion:105 Resp: 310984

Ion Ratio Lower Upper

105 100

120 45.8 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 58.002 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039415.D

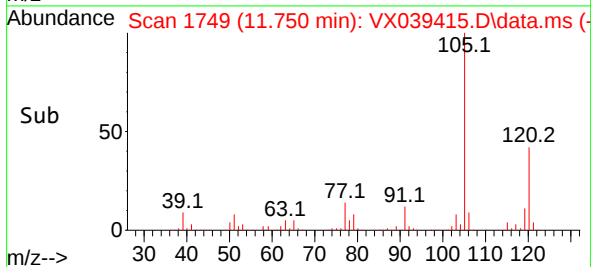
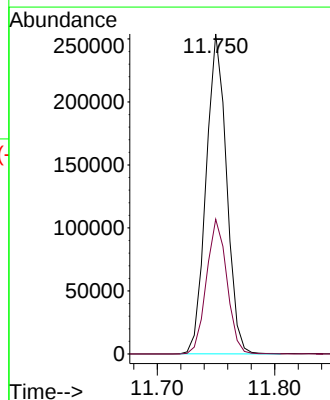
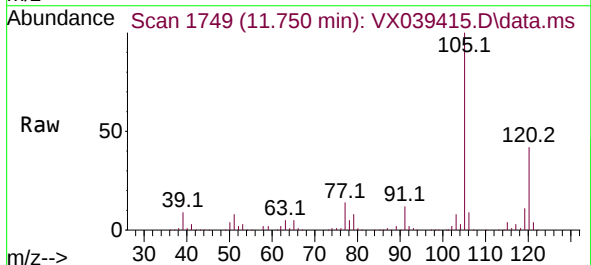
Acq: 21 Dec 2023 09:14

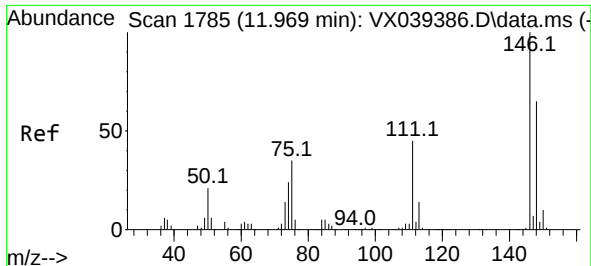
Tgt Ion:105 Resp: 306323

Ion Ratio Lower Upper

105 100

120 42.2 34.9 52.3

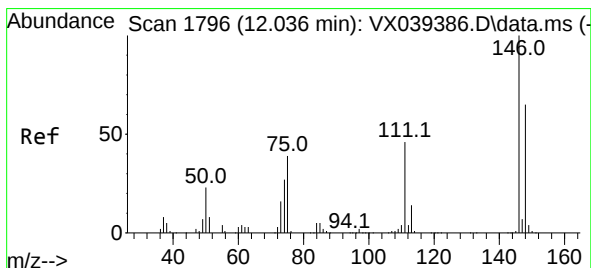
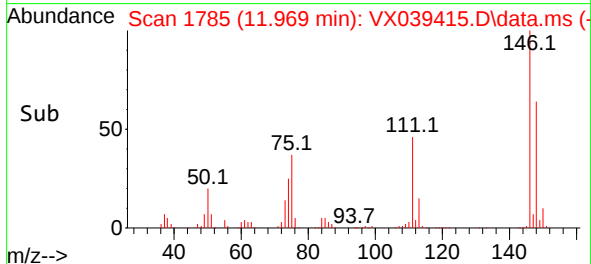
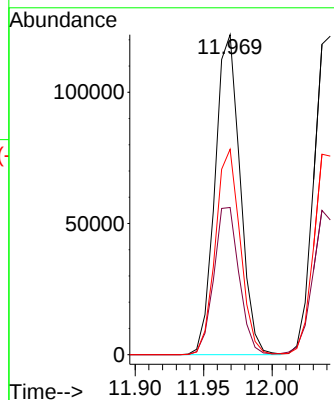
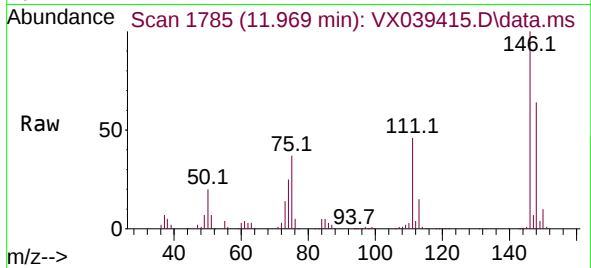




#64
1,3-Dichlorobenzene
Concen: 56.879 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

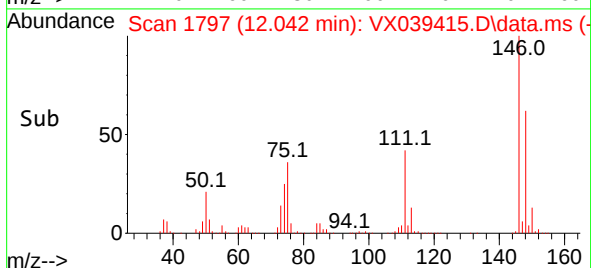
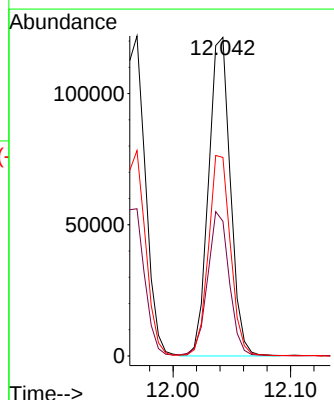
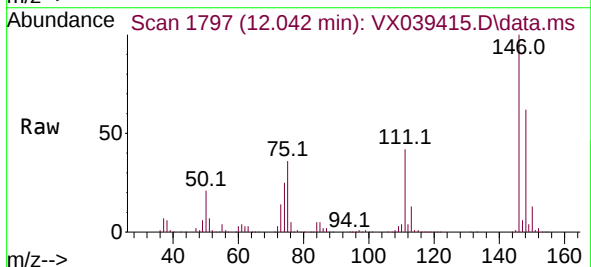
Instrument :
MSVOA_X
ClientSampleId :

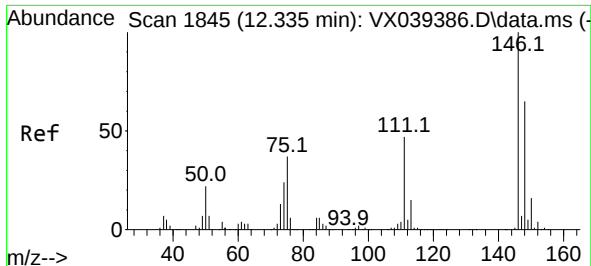
Tgt Ion:146 Resp: 155312
Ion Ratio Lower Upper
146 100
111 46.0 30.0 55.6
148 64.2 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 56.754 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039415.D
Acq: 21 Dec 2023 09:14

Tgt Ion:146 Resp: 157038
Ion Ratio Lower Upper
146 100
111 42.3 29.7 55.1
148 62.3 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 57.023 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

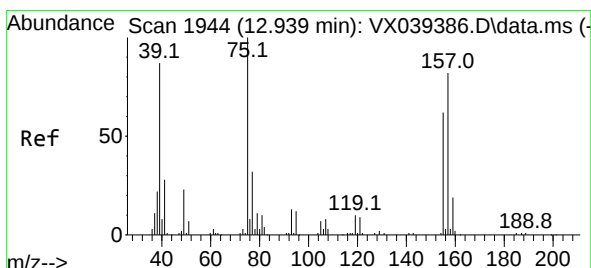
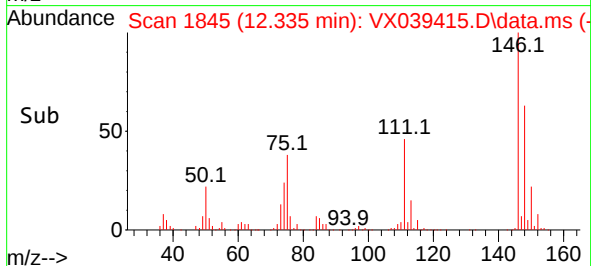
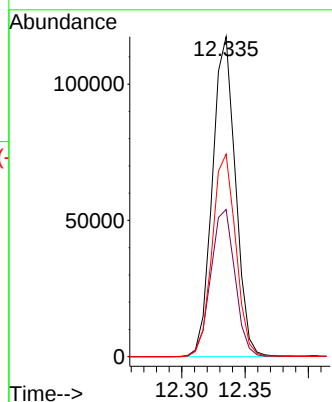
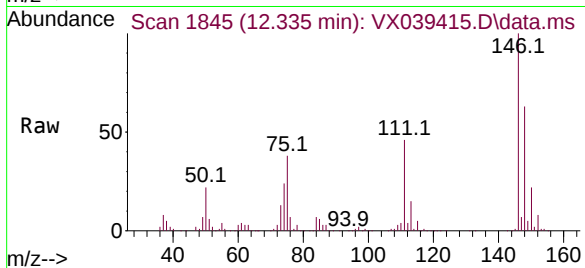
Tgt Ion:146 Resp: 148945

Ion Ratio Lower Upper

146 100

111 46.0 36.4 54.6

148 63.3 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 53.351 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

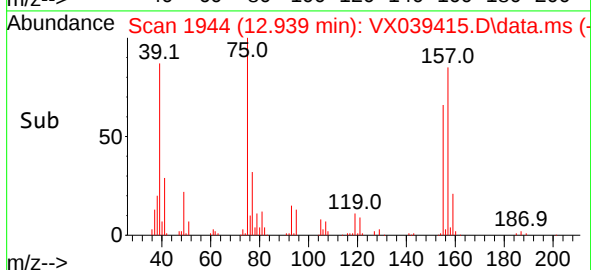
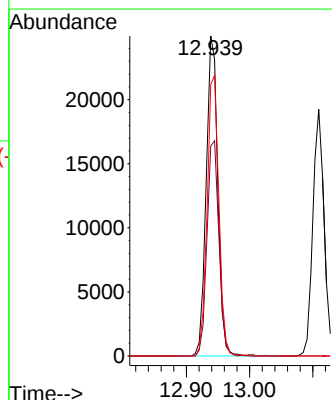
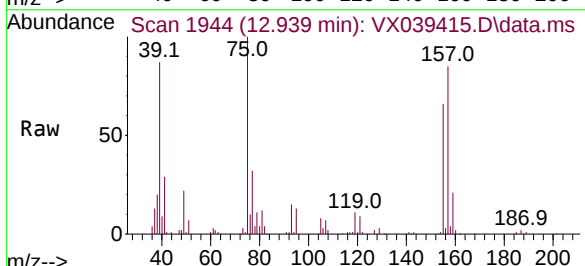
Tgt Ion: 75 Resp: 31845

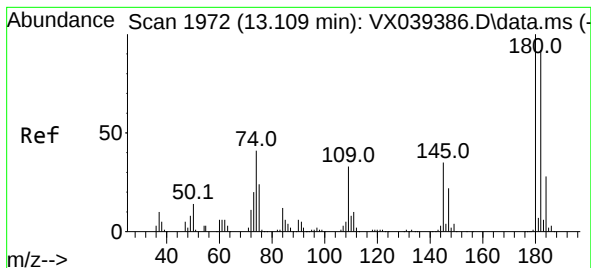
Ion Ratio Lower Upper

75 100

155 65.6 52.3 78.5

157 84.8 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 57.158 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

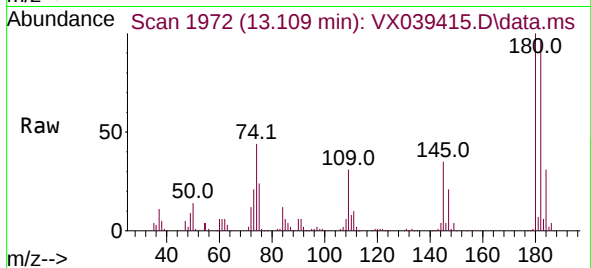
Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 103216

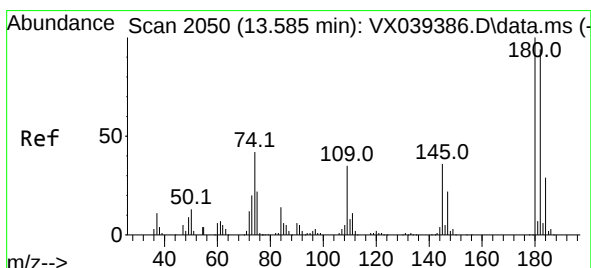
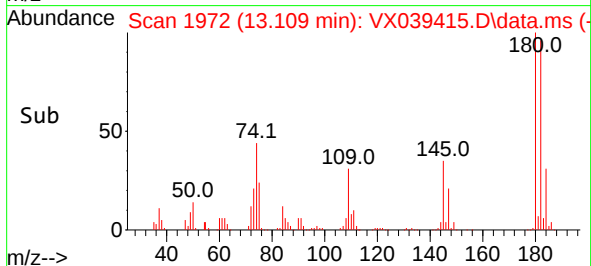
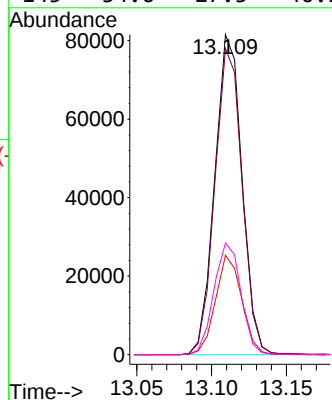
Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

184 30.0 24.1 36.1

145 34.6 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 56.086 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

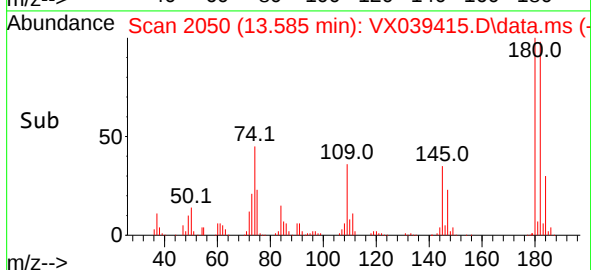
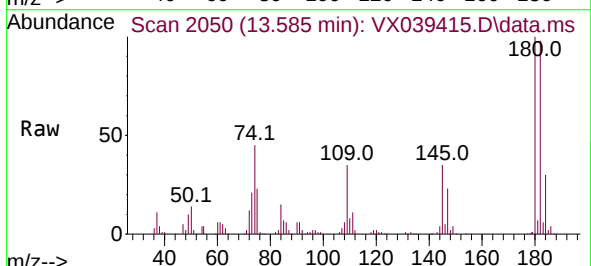
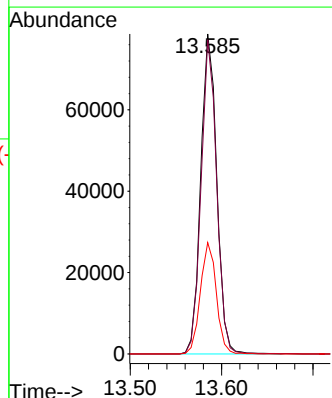
Tgt Ion:180 Resp: 95480

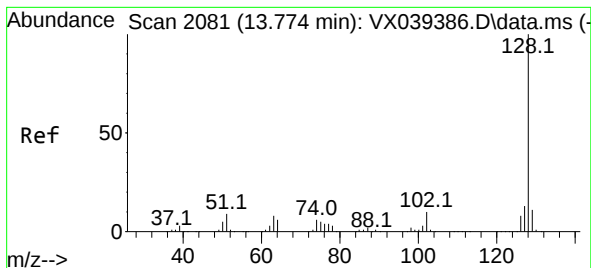
Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

145 34.7 27.8 41.6





#71

Naphthalene

Concen: 54.723 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Instrument :

MSVOA_X

ClientSampleId :

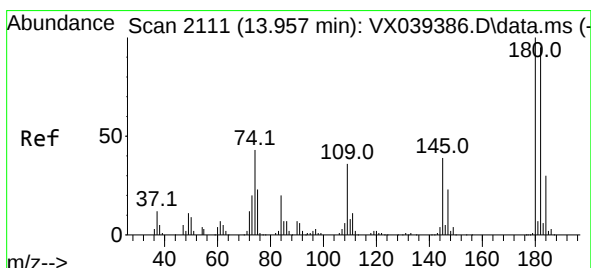
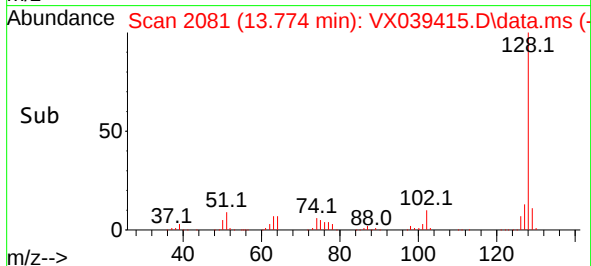
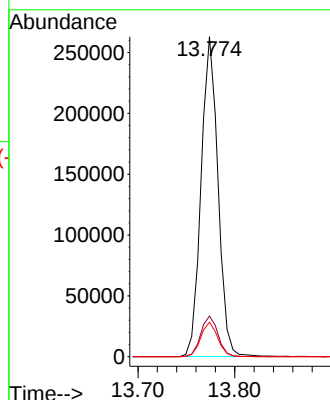
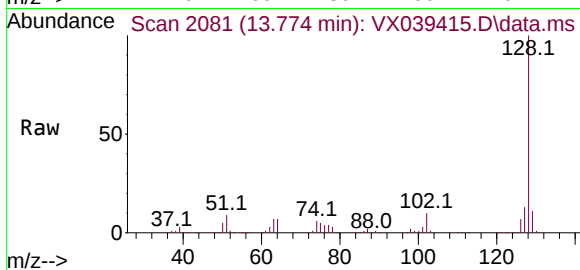
Tgt Ion:128 Resp: 319493

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 55.464 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX039415.D

Acq: 21 Dec 2023 09:14

Tgt Ion:180 Resp: 91424

Ion Ratio Lower Upper

180 100

182 96.4 75.9 113.9

145 37.6 28.6 42.8

