

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039429.D
 Acq On : 21 Dec 2023 16:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 00:45:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	210496	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197325	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	100257	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	73808	44.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.400%		
7) Chloroethane-d5	1.666	69	55988	45.879	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.760%		
11) 1,1-Dichloroethene-d2	2.306	65	35091	48.419	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.840%		
21) 2-Butanone-d5	4.440	46	152015	101.717	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.720%		
24) Chloroform-d	5.050	84	146411	50.095	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.180%		
26) 1,2-Dichloroethane-d4	5.946	65	99043	52.326	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.660%		
32) Benzene-d6	5.964	84	285540	46.888	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.780%		
36) 1,2-Dichloropropane-d6	7.299	67	93142	47.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.060%		
41) Toluene-d8	8.646	98	256068	46.399	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.800%		
43) trans-1,3-Dichloroprop...	8.945	79	44145	44.263	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.520%		
47) 2-Hexanone-d5	9.378	63	111878	95.578	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.580%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140574	50.562	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.120%		
66) 1,2-Dichlorobenzene-d4	12.317	152	91076	48.060	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90069	53.655	ug/L	98
3) Chloromethane	1.294	50	94715	53.982	ug/L	98
5) Vinyl chloride	1.373	62	90866	52.546	ug/L	98
6) Bromomethane	1.605	94	52333	56.067	ug/L	99
8) Chloroethane	1.690	64	50680	51.840	ug/L	96
9) Trichlorofluoromethane	1.885	101	125930	56.190	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	82115	56.960	ug/L	99
12) 1,1-Dichloroethene	2.318	96	74829	55.182	ug/L	90
13) Acetone	2.373	43	132732	92.450	ug/L	96
14) Carbon disulfide	2.513	76	206142	47.772	ug/L	100
15) Methyl Acetate	2.696	43	113391	55.255	ug/L	98
16) Methylene chloride	2.788	84	86266	55.370	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	77101	53.963	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	276628	55.623	ug/L	98
19) 1,1-Dichloroethane	3.605	63	155893	55.181	ug/L	98
20) cis-1,2-Dichloroethene	4.476	96	88683	53.513	ug/L	98
22) 2-Butanone	4.544	43	170681	96.868	ug/L	98
23) Bromochloromethane	4.891	128	40940	52.553	ug/L	98
25) Chloroform	5.086	83	159253	56.516	ug/L	98

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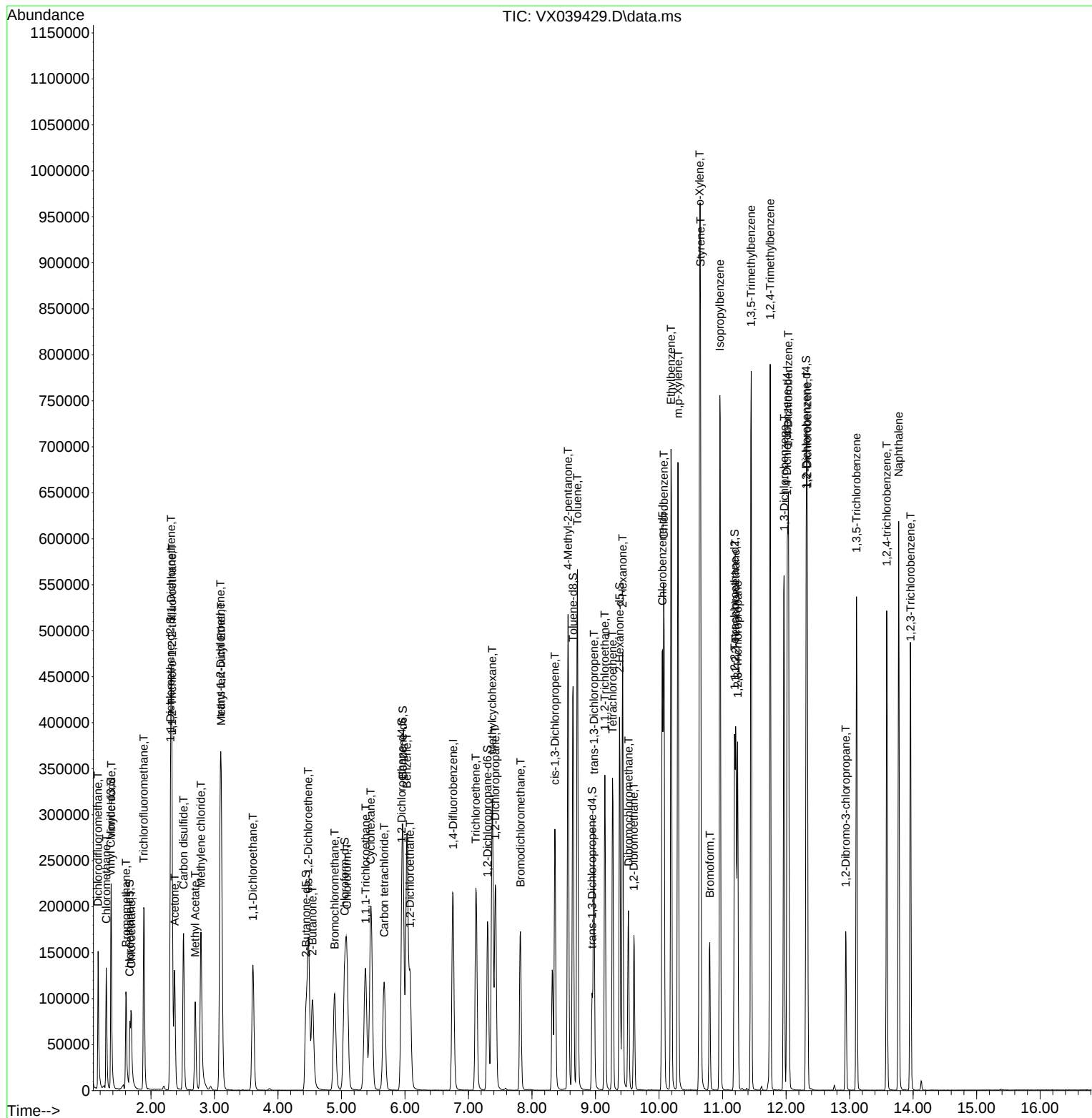
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	132735	59.683	ug/L	96
29) Cyclohexane	5.458	56	142708	51.699	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	130462	54.491	ug/L	98
31) Carbon tetrachloride	5.671	117	103424	51.776	ug/L	99
33) Benzene	6.031	78	328467	52.380	ug/L	100
34) Trichloroethene	7.116	95	89380	53.934	ug/L	96
35) Methylcyclohexane	7.372	83	139789	50.647	ug/L	98
37) 1,2-Dichloropropane	7.421	63	92130	52.975	ug/L	100
38) Bromodichloromethane	7.817	83	111453	52.689	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	140779	50.754	ug/L	99
40) 4-Methyl-2-pentanone	8.567	43	309239	106.095	ug/L	98
42) Toluene	8.713	91	349245	52.520	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	133330	51.798	ug/L	99
45) 1,1,2-Trichloroethane	9.146	97	84678	53.130	ug/L	98
46) Tetrachloroethene	9.268	164	57350	52.460	ug/L	95
48) 2-Hexanone	9.427	43	247495	101.452	ug/L	98
49) Dibromochloromethane	9.518	129	78800	50.751	ug/L	98
50) 1,2-Dibromoethane	9.604	107	91313	53.478	ug/L	98
51) Chlorobenzene	10.073	112	217424	52.933	ug/L	95
52) Ethylbenzene	10.189	91	401082	53.952	ug/L	98
53) m,p-Xylene	10.299	106	146753	52.798	ug/L	100
54) o-Xylene	10.640	106	140639	52.731	ug/L	99
55) Styrene	10.652	104	244967	53.680	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	147778	53.129	ug/L	99
59) Bromoform	10.799	173	53168	45.123	ug/L	100
60) Isopropylbenzene	10.957	105	384795	52.525	ug/L	98
61) 1,2,3-Trichloropropane	11.237	75	117927	53.695	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	332513	53.763	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	326071	53.766	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	162231	51.738	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	165539	52.098	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	160357	53.462	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.938	75	35338	51.556	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	108054	52.108	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	102346	52.354	ug/L	98
71) Naphthalene	13.774	128	342323	51.060	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	98949	52.275	ug/L	99

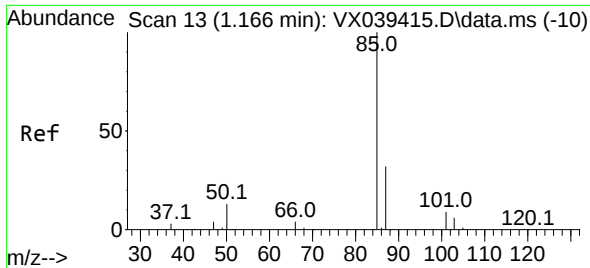
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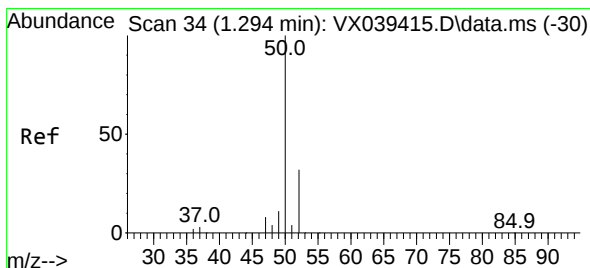
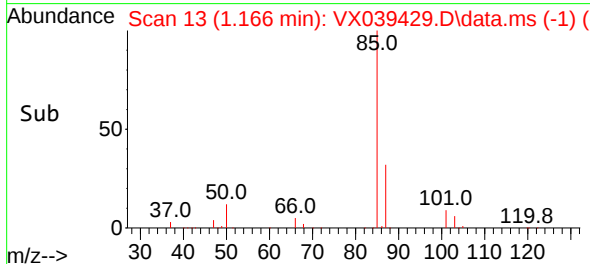
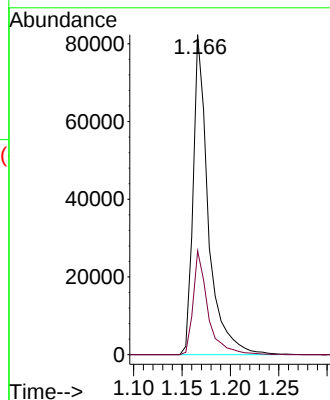
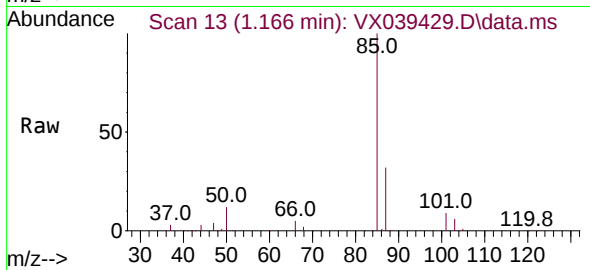




#2
 Dichlorodifluoromethane
 Concen: 53.655 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039429.D
 Acq: 21 Dec 2023 16:36

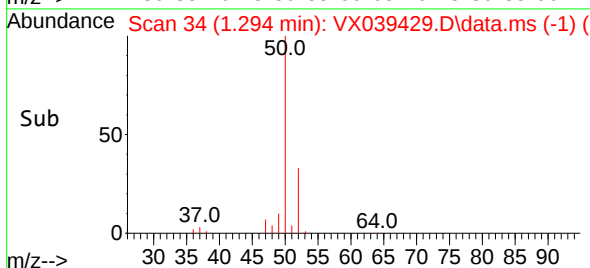
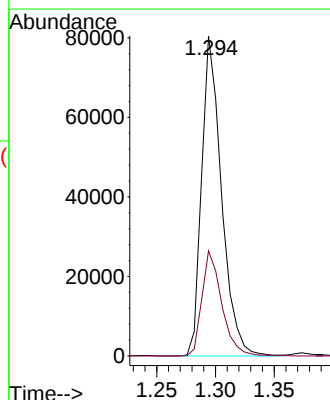
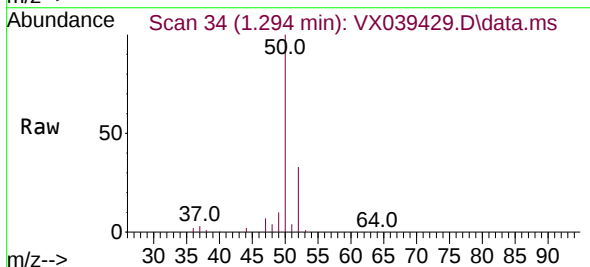
Instrument :
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 ClientSampleId :

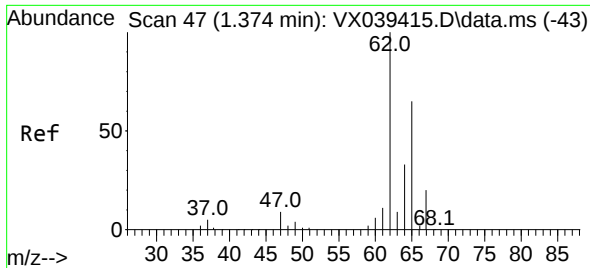
Tgt Ion: 85 Resp: 90069
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.2 39.4



#3
 Chloromethane
 Concen: 53.982 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039429.D
 Acq: 21 Dec 2023 16:36

Tgt Ion: 50 Resp: 94715
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.4 41.6

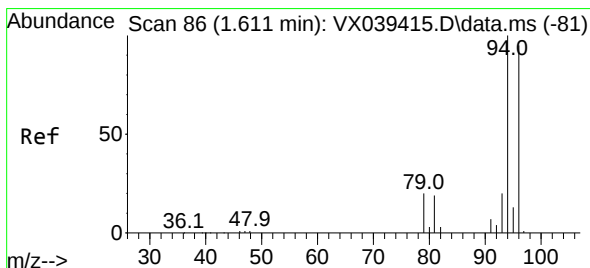
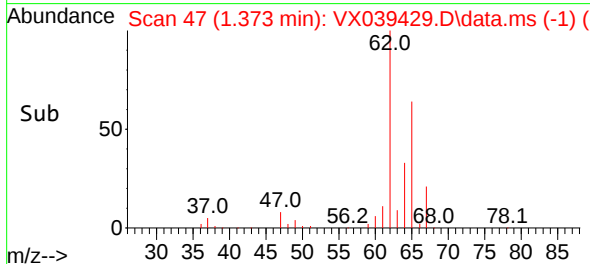
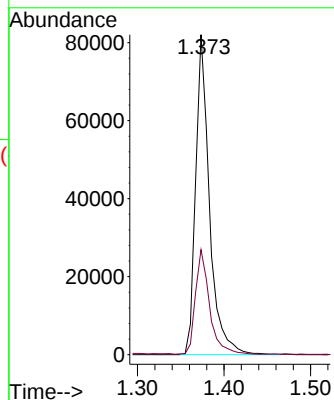
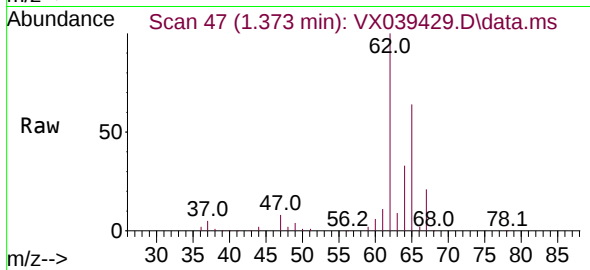




#5
 Vinyl chloride
 Concen: 52.546 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039429.D
 Acq: 21 Dec 2023 16:36

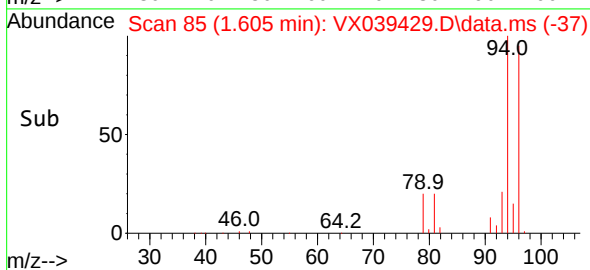
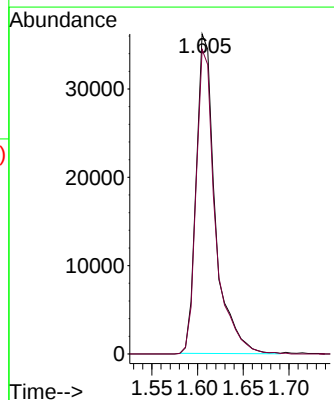
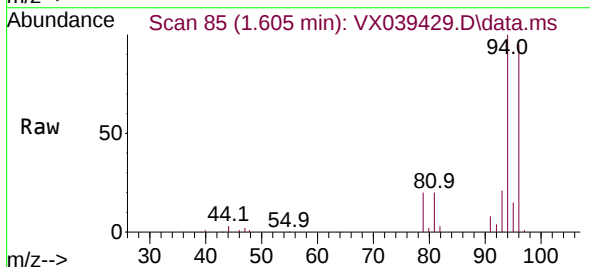
Instrument :
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 ClientSampleId :

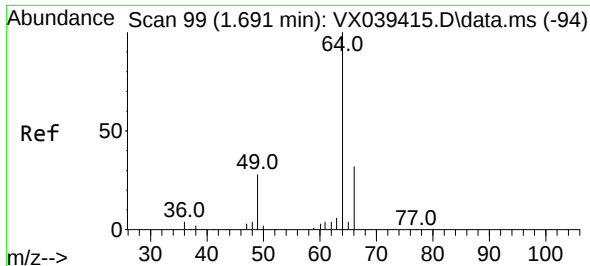
Tgt Ion: 62 Resp: 90866
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.3 41.3



#6
 Bromomethane
 Concen: 56.067 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX039429.D
 Acq: 21 Dec 2023 16:36

Tgt Ion: 94 Resp: 52333
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.8 122.2

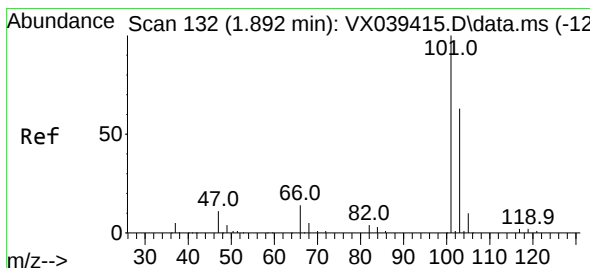
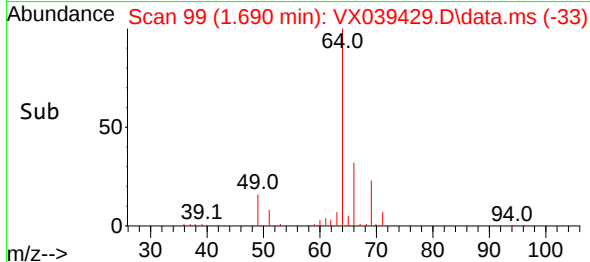
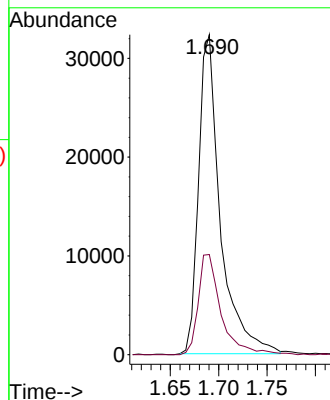
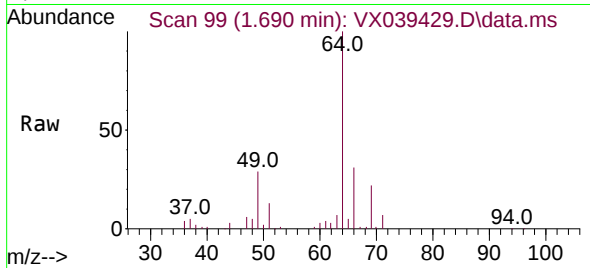




#8
Chloroethane
Concen: 51.840 ug/L
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

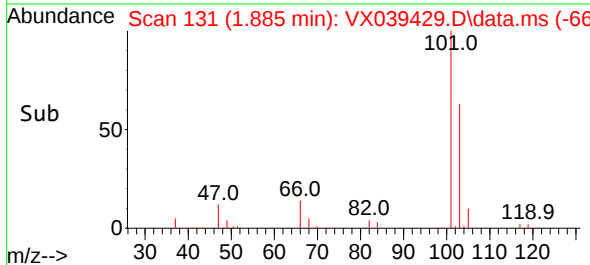
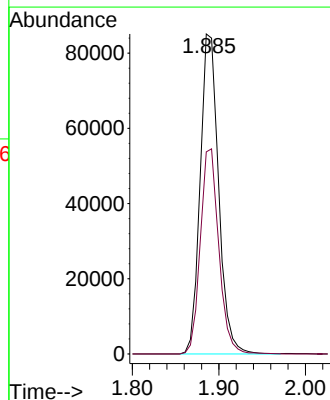
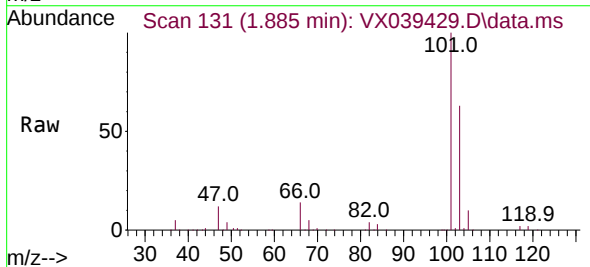
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MSVOA_X
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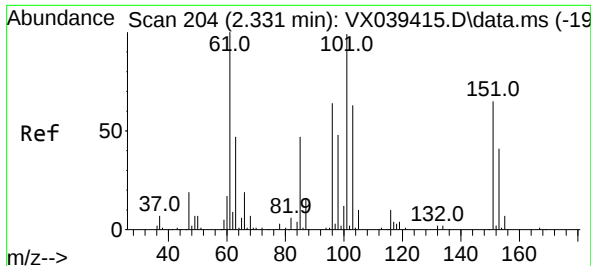
Tgt Ion: 64 Resp: 50680
Ion Ratio Lower Upper
64 100
66 31.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 56.190 ug/L
RT: 1.885 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion:101 Resp: 125930
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

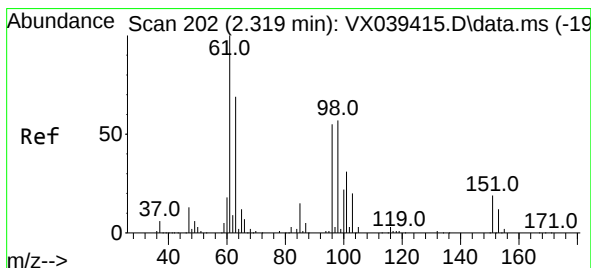
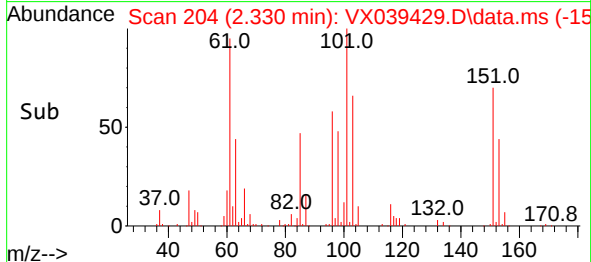
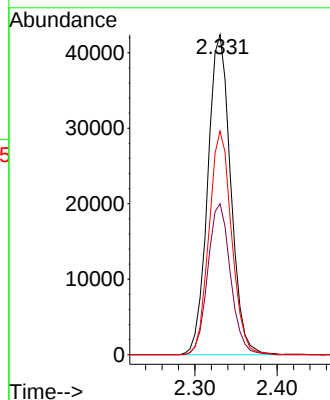
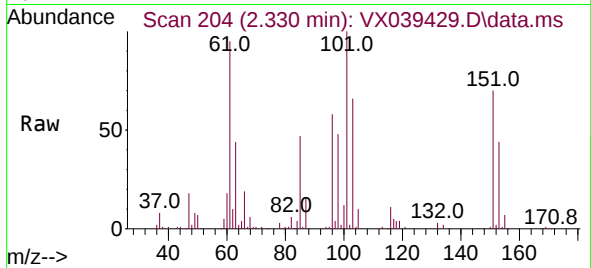




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 56.960 ug/L
 RT: 2.330 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX039429.D
 Acq: 21 Dec 2023 16:36

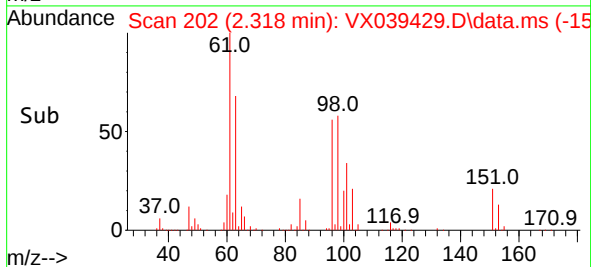
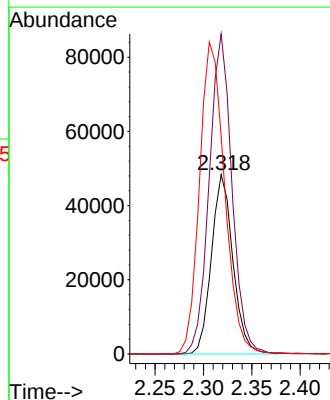
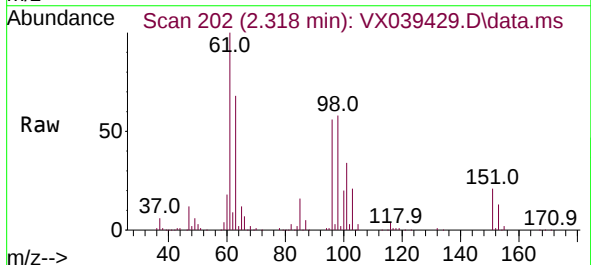
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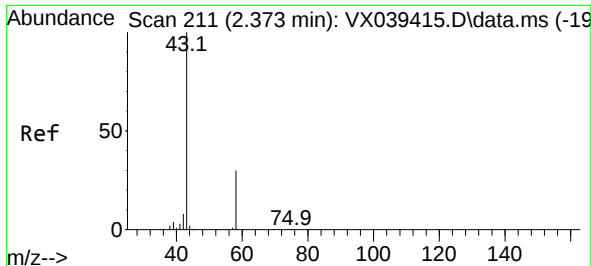
Tgt Ion:101 Resp: 82115
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.8 53.6
 151 69.0 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 55.182 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039429.D
 Acq: 21 Dec 2023 16:36

Tgt Ion: 96 Resp: 74829
 Ion Ratio Lower Upper
 96 100
 61 178.3 128.0 237.6
 63 121.5 101.5 188.5





#13

Acetone

Concen: 92.450 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

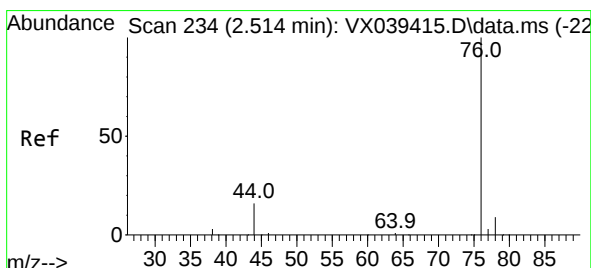
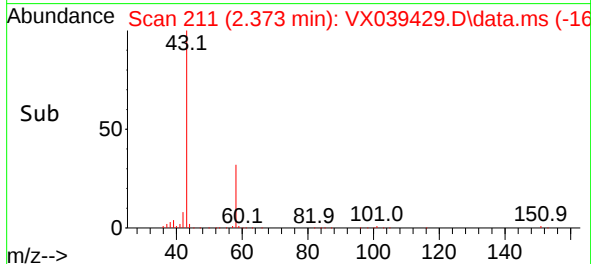
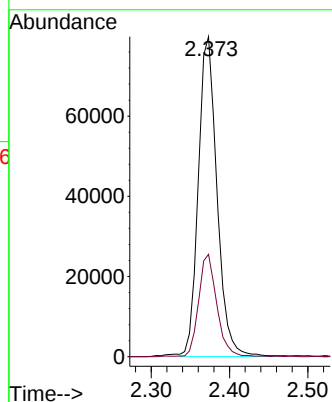
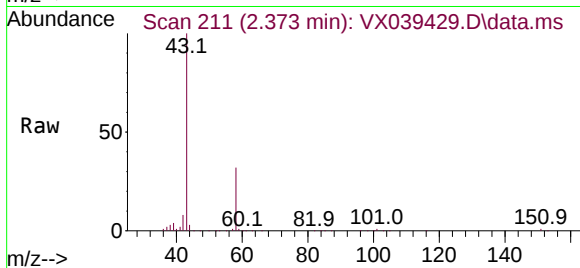
ClientSampleId :

Tgt Ion: 43 Resp: 132732

Ion Ratio Lower Upper

43 100

58 30.9 0.0 65.8



#14

Carbon disulfide

Concen: 47.772 ug/L

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

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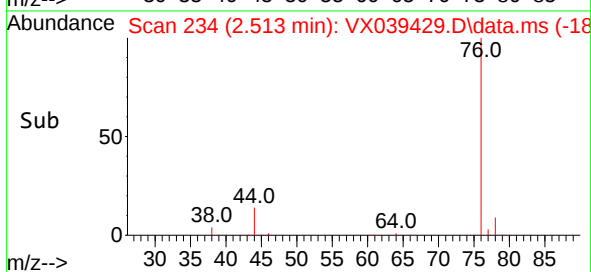
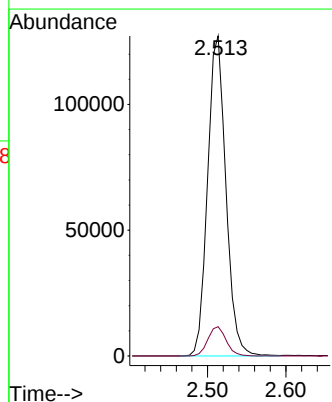
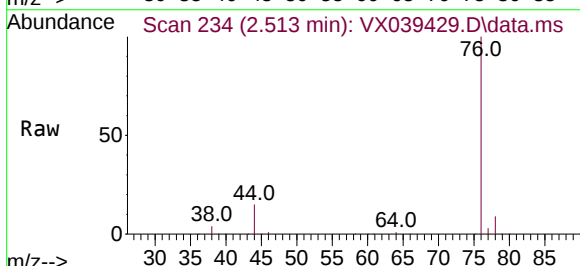
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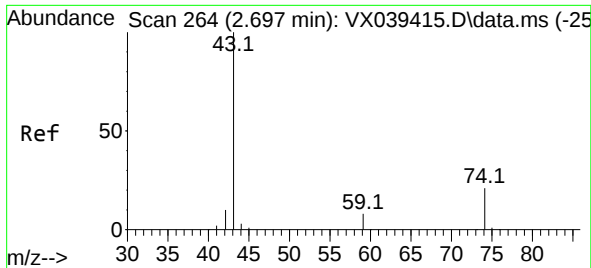
Tgt Ion: 76 Resp: 206142

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

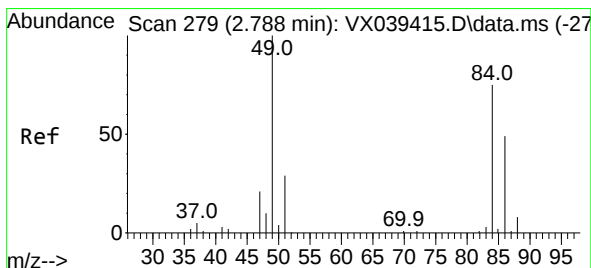
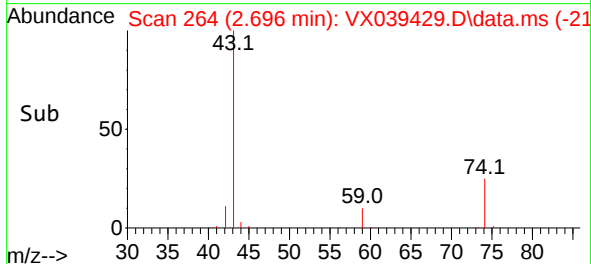
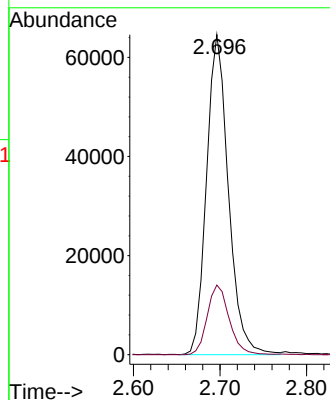
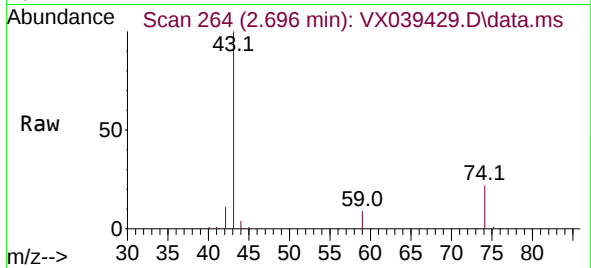




#15
Methyl Acetate
Concen: 55.255 ug/L
RT: 2.696 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

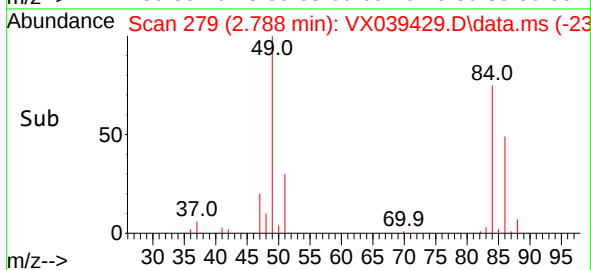
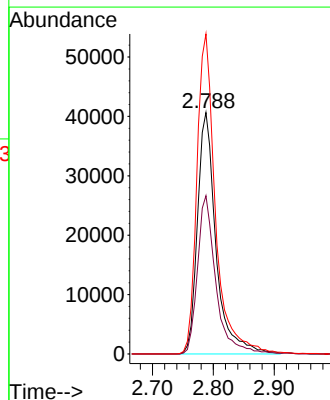
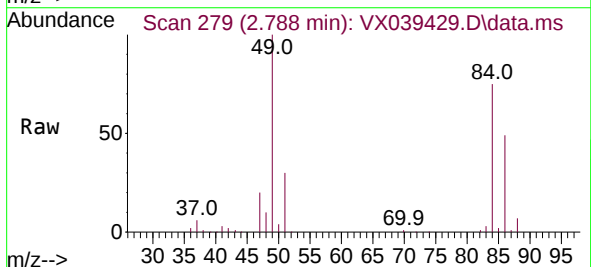
Instrument :
MSVOA_X
ClientSampleId :

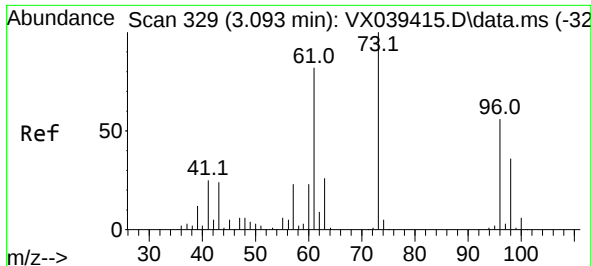
Tgt Ion: 43 Resp: 113391
Ion Ratio Lower Upper
43 100
74 21.8 18.2 27.4



#16
Methylene chloride
Concen: 55.370 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion: 84 Resp: 86266
Ion Ratio Lower Upper
84 100
86 65.6 44.7 82.9
49 132.6 90.9 168.7





#17

trans-1,2-Dichloroethene

Concen: 53.963 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

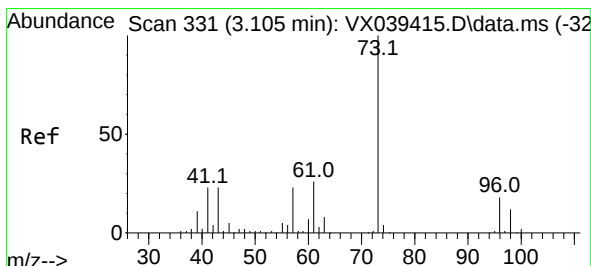
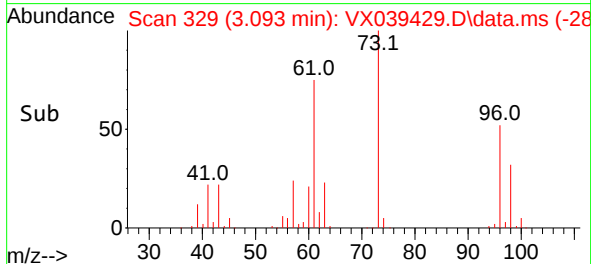
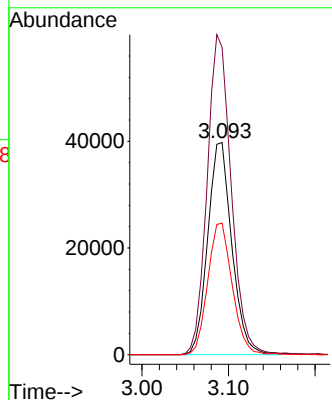
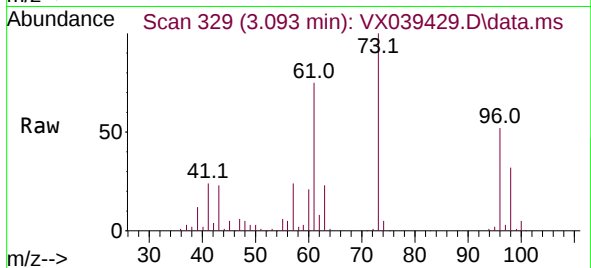
Tgt Ion: 96 Resp: 77101

Ion Ratio Lower Upper

96 100

61 144.8 99.8 185.3

98 62.0 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 55.623 ug/L

RT: 3.105 min Scan# 331

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

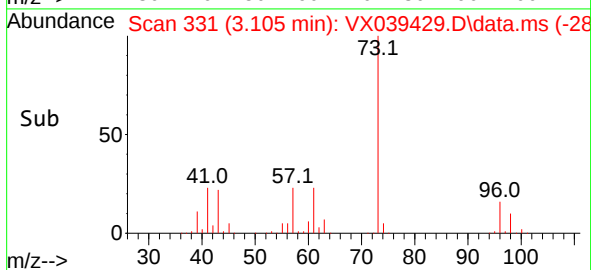
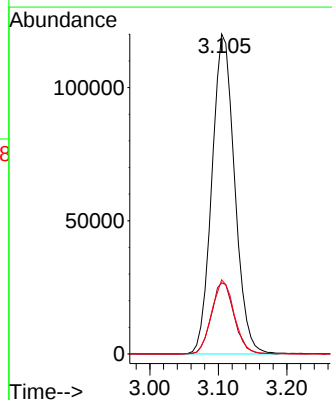
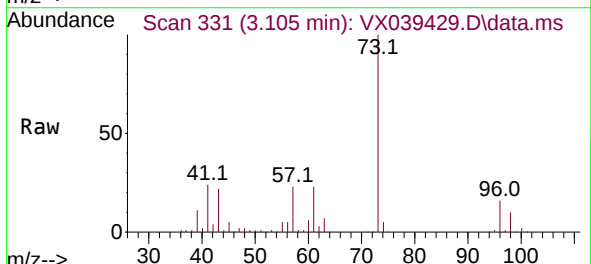
Tgt Ion: 73 Resp: 276628

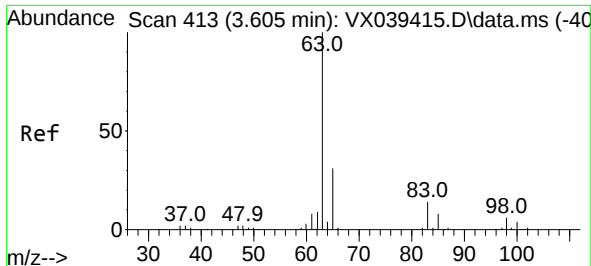
Ion Ratio Lower Upper

73 100

43 22.4 16.9 25.3

57 22.8 18.5 27.7





#19

1,1-Dichloroethane

Concen: 55.181 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

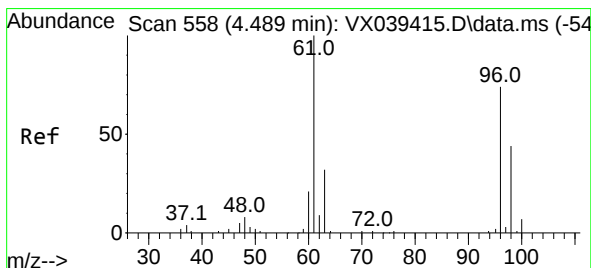
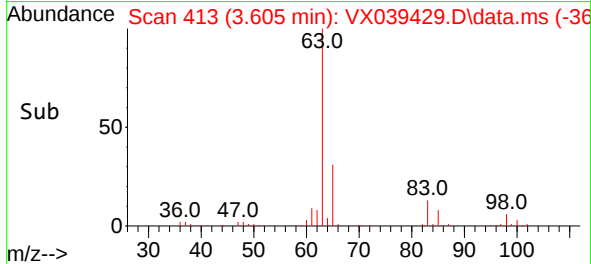
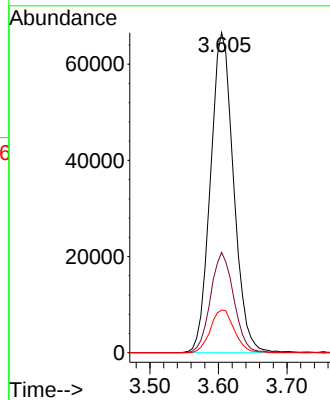
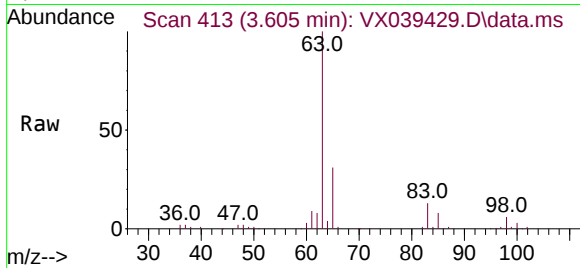
Tgt Ion: 63 Resp: 155893

Ion Ratio Lower Upper

63 100

65 31.4 21.1 39.3

83 13.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 53.513 ug/L

RT: 4.476 min Scan# 556

Delta R.T. -0.012 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

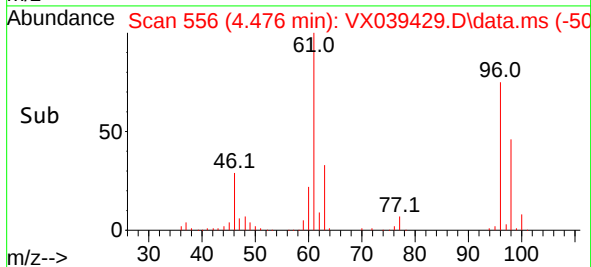
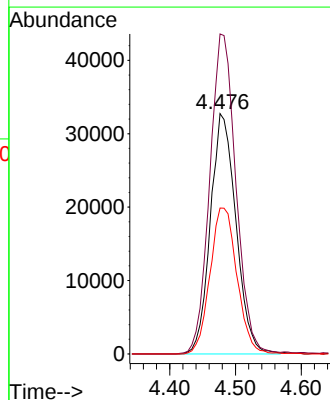
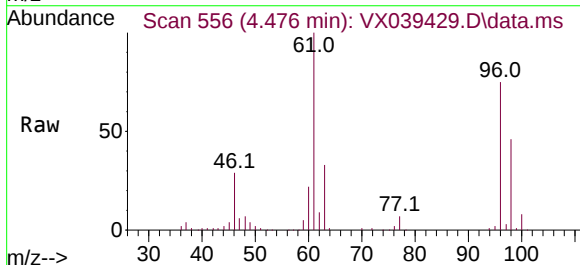
Tgt Ion: 96 Resp: 88683

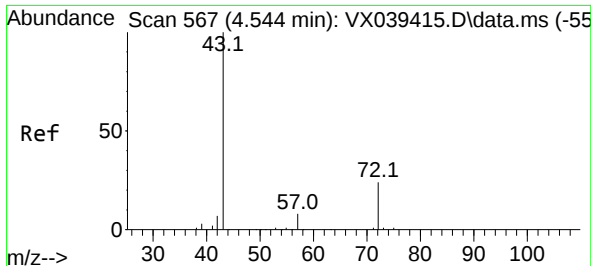
Ion Ratio Lower Upper

96 100

61 133.1 91.7 170.3

98 60.7 44.2 82.2

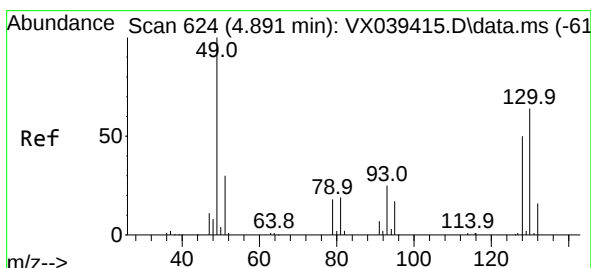
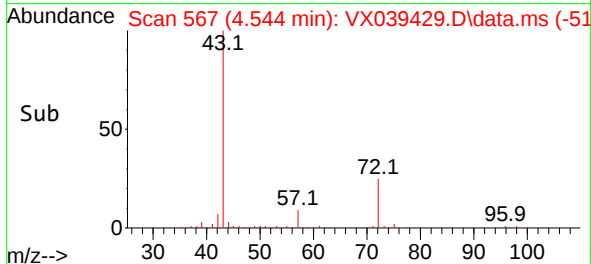
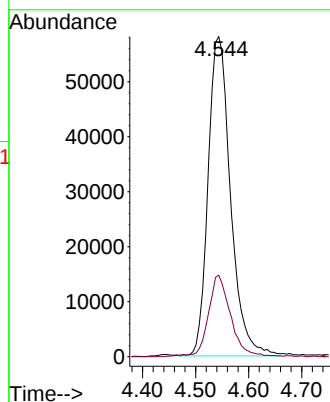
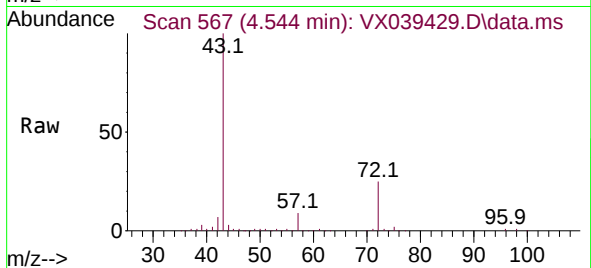




#22
2-Butanone
Concen: 96.868 ug/L
RT: 4.544 min Scan# 567
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

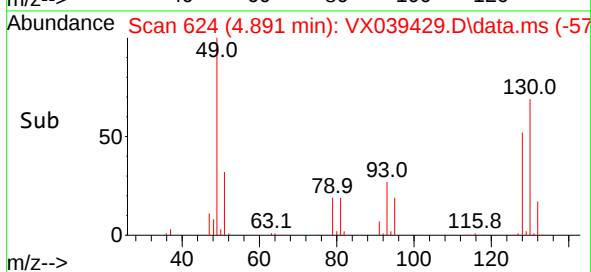
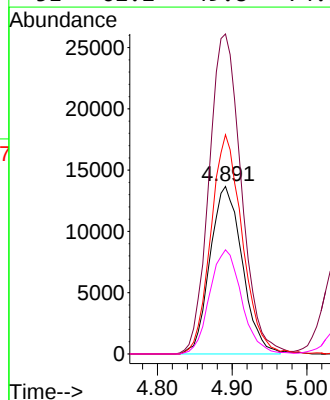
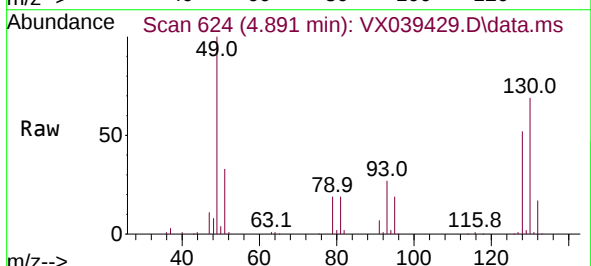
Instrument :
MSVOA_X
ClientSampleId :

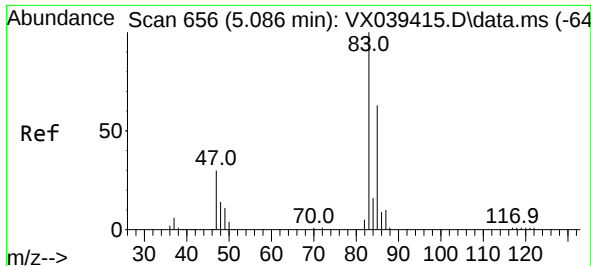
Tgt Ion: 43 Resp: 170681
Ion Ratio Lower Upper
43 100
72 24.1 12.6 37.6



#23
Bromochloromethane
Concen: 52.553 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion:128 Resp: 40940
Ion Ratio Lower Upper
128 100
49 191.0 130.8 243.0
130 130.8 90.6 168.3
51 62.2 49.8 74.8





#25

Chloroform

Concen: 56.516 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

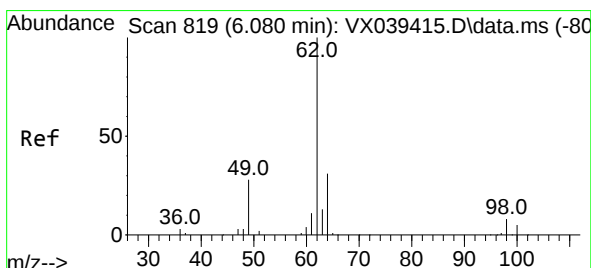
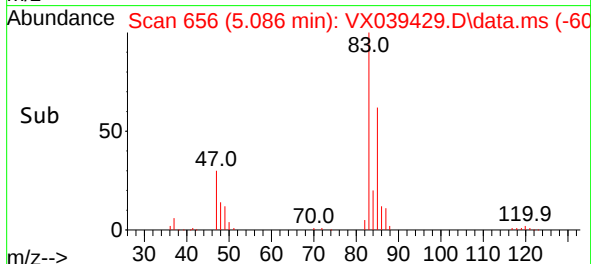
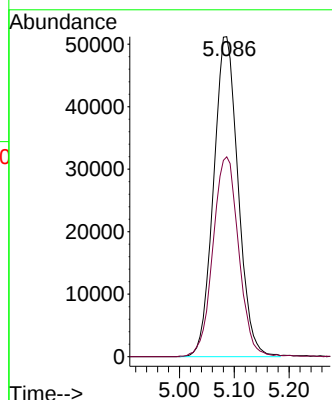
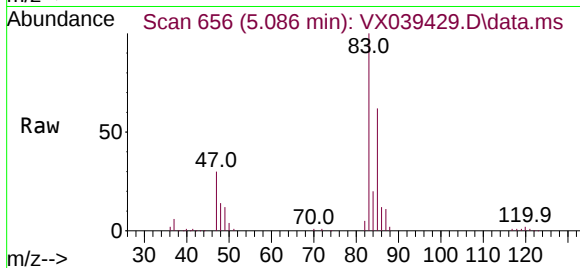
ClientSampleId :

Tgt Ion: 83 Resp: 159253

Ion Ratio Lower Upper

83 100

85 62.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 59.683 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX039429.D

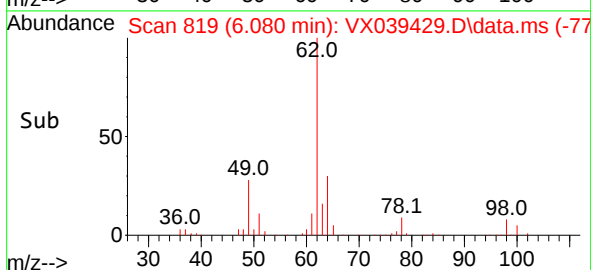
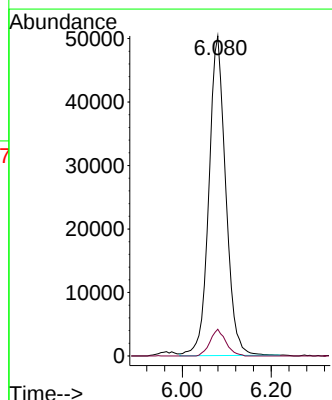
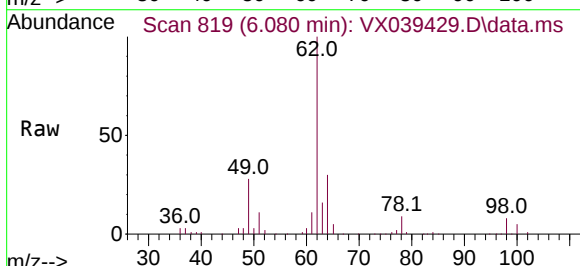
Acq: 21 Dec 2023 16:36

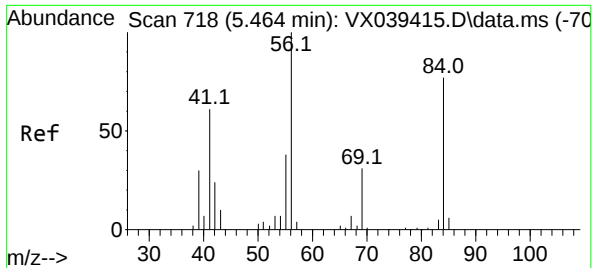
Tgt Ion: 62 Resp: 132735

Ion Ratio Lower Upper

62 100

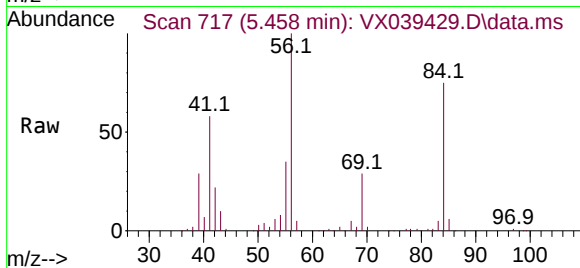
98 8.3 8.0 12.0



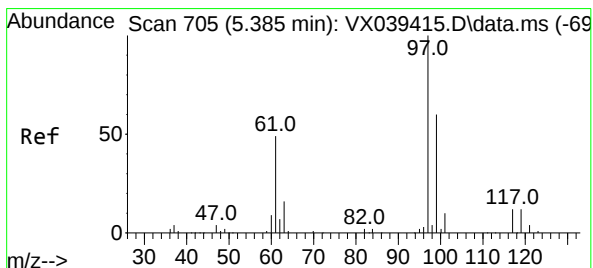
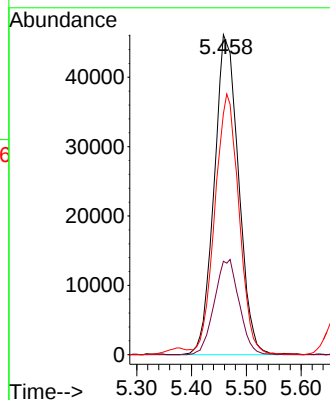
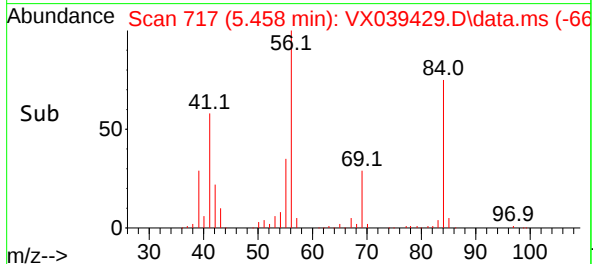


#29
Cyclohexane
Concen: 51.699 ug/L
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :

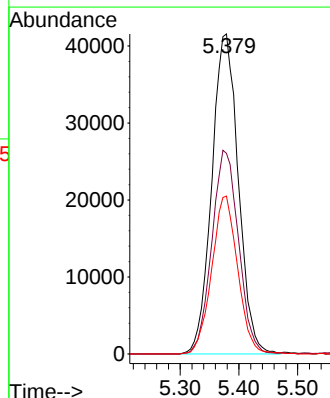
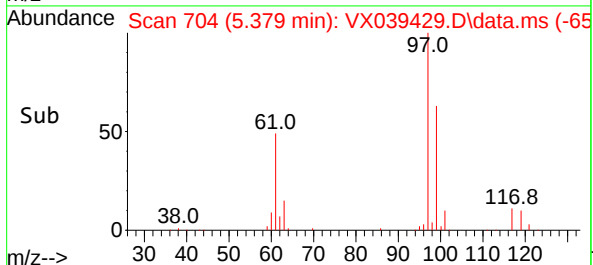
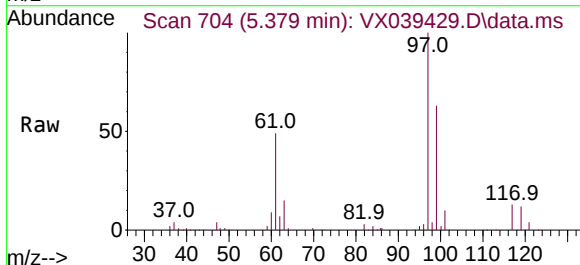


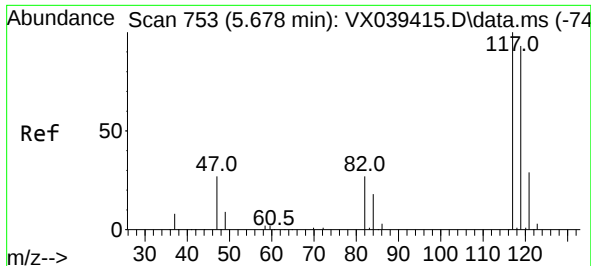
Tgt Ion: 56 Resp: 142708
Ion Ratio Lower Upper
56 100
69 30.3 24.5 36.7
84 80.4 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 54.491 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

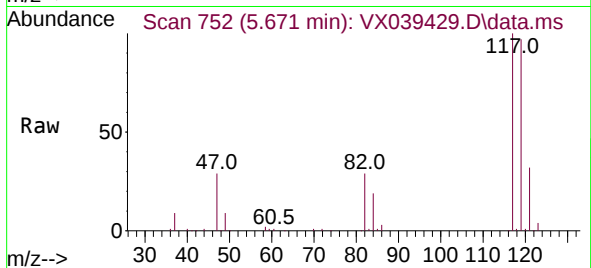
Tgt Ion: 97 Resp: 130462
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 48.3 36.7 55.1



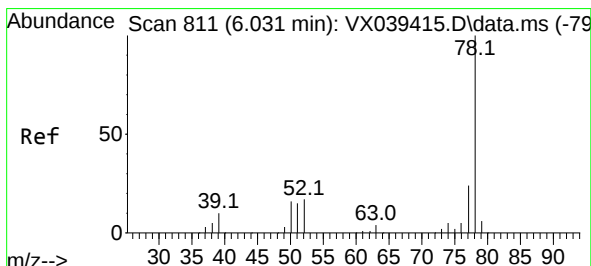
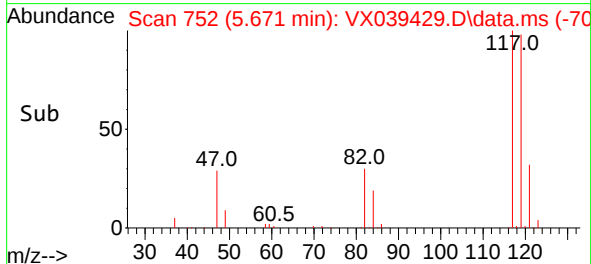
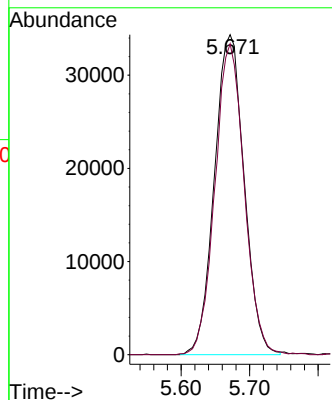


#31
Carbon tetrachloride
Concen: 51.776 ug/L
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :

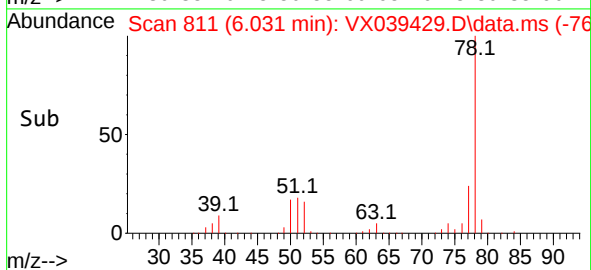
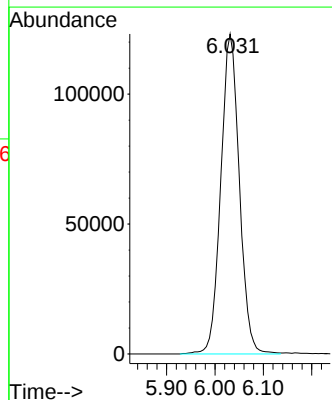
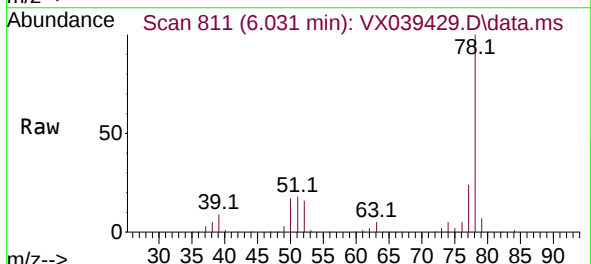


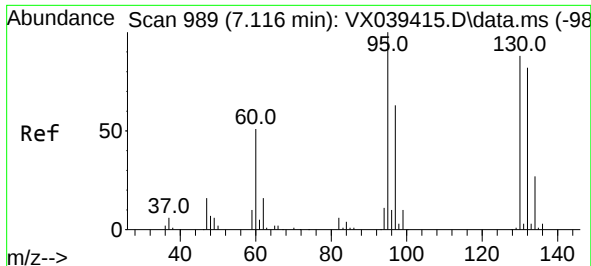
Tgt Ion:117 Resp: 103424
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.4



#33
Benzene
Concen: 52.380 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

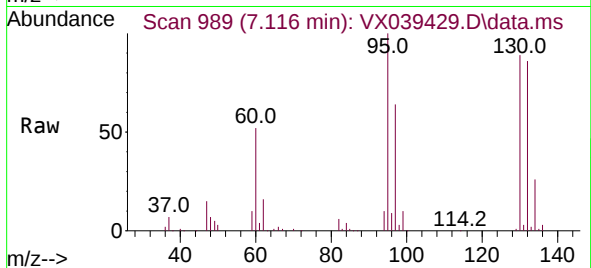
Tgt Ion: 78 Resp: 328467





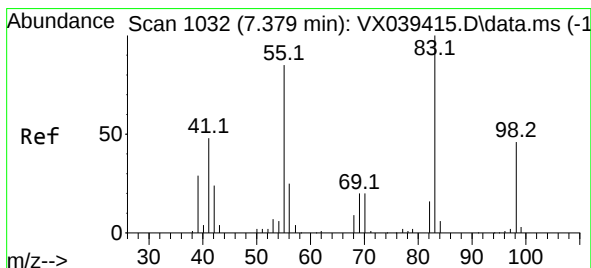
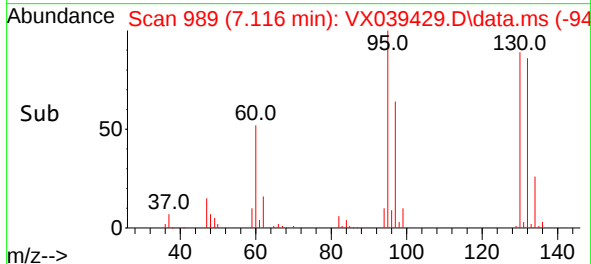
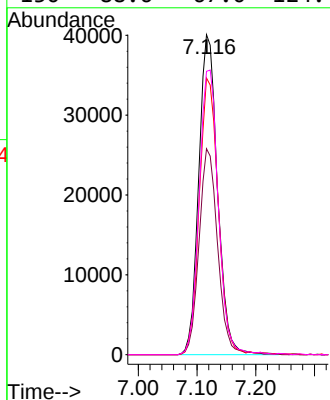
#34
Trichloroethene
Concen: 53.934 ug/L
RT: 7.116 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 89380

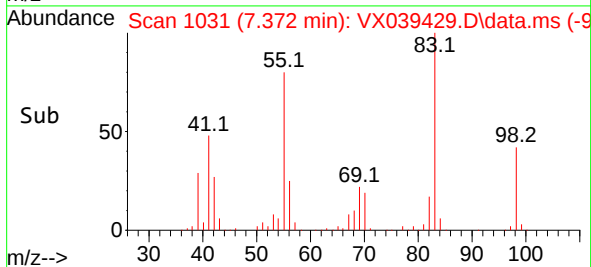
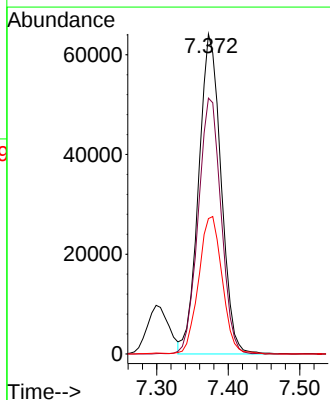
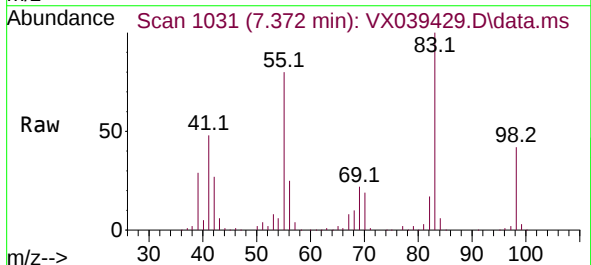
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.5	84.5
132	86.5	62.2	115.4
130	88.6	67.0	124.4

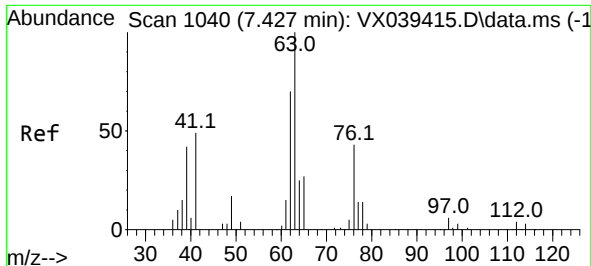


#35
Methylcyclohexane
Concen: 50.647 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion: 83 Resp: 139789

Ion	Ratio	Lower	Upper
83	100		
55	81.3	62.5	93.7
98	45.1	36.1	54.1





#37

1,2-Dichloropropane

Concen: 52.975 ug/L

RT: 7.421 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

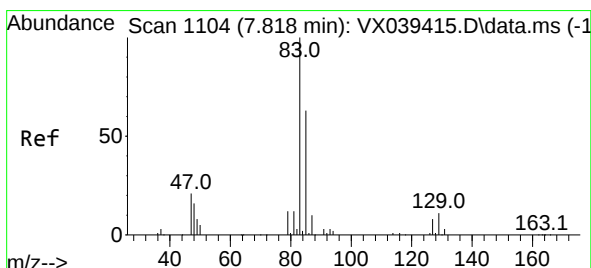
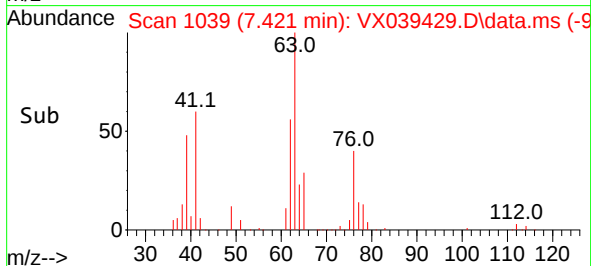
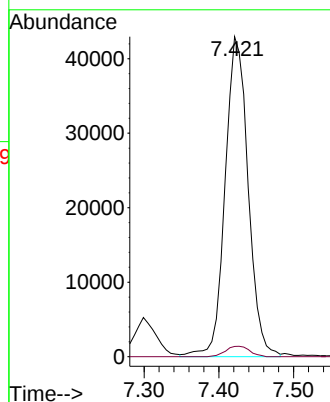
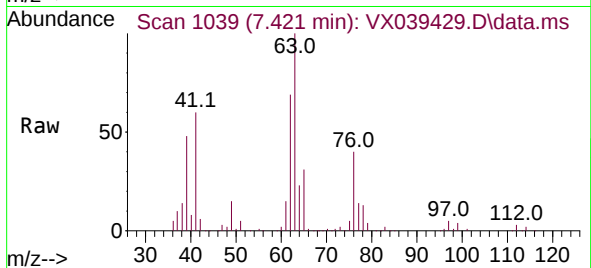
ClientSampleId :

Tgt Ion: 63 Resp: 92130

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 52.689 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

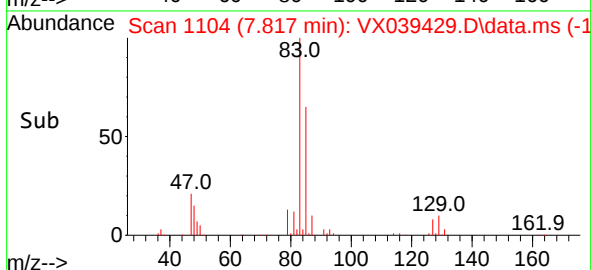
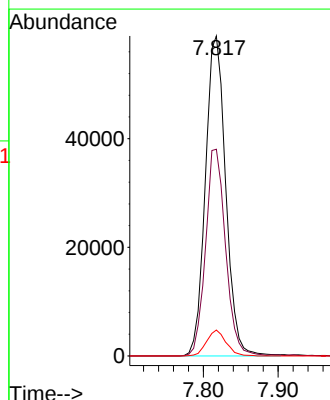
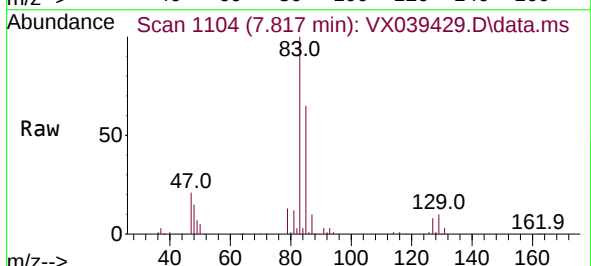
Tgt Ion: 83 Resp: 111453

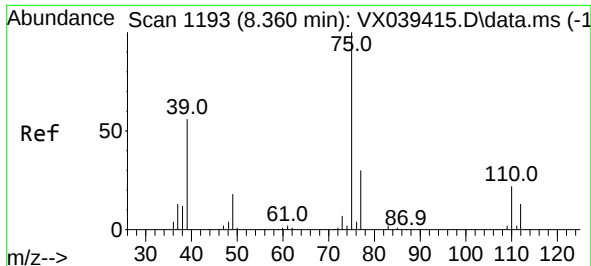
Ion Ratio Lower Upper

83 100

85 64.6 43.3 80.5

127 8.1 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 50.754 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

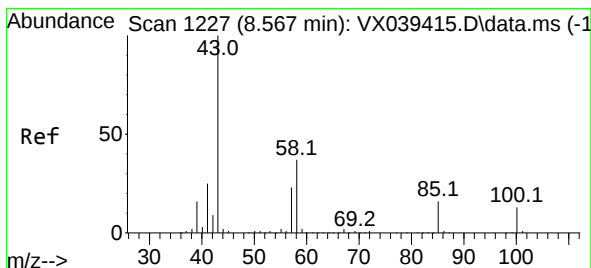
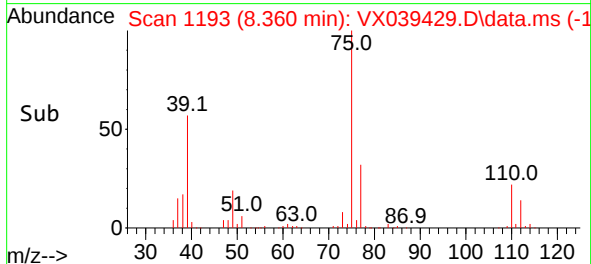
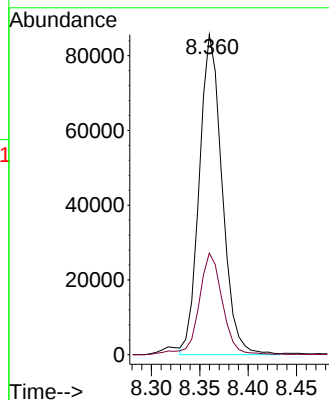
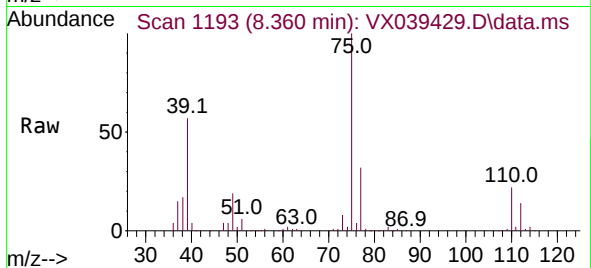
ClientSampleId :

Tgt Ion: 75 Resp: 140779

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 106.095 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

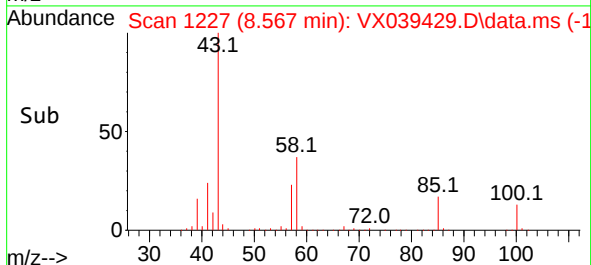
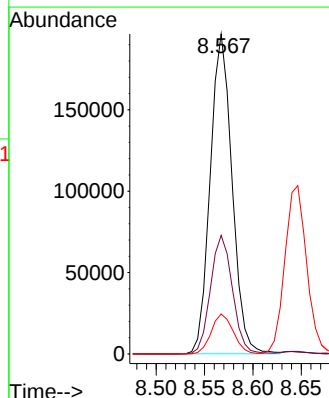
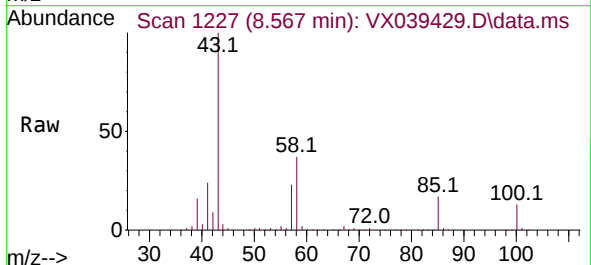
Tgt Ion: 43 Resp: 309239

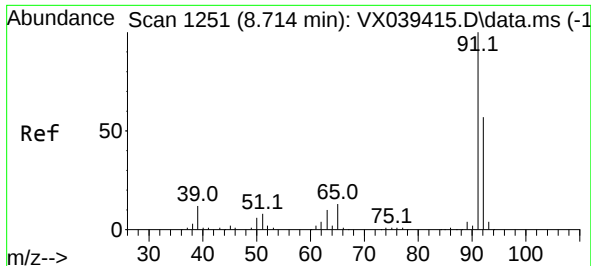
Ion Ratio Lower Upper

43 100

58 37.2 30.9 46.3

100 12.6 10.6 16.0





#42

Toluene

Concen: 52.520 ug/L

RT: 8.713 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

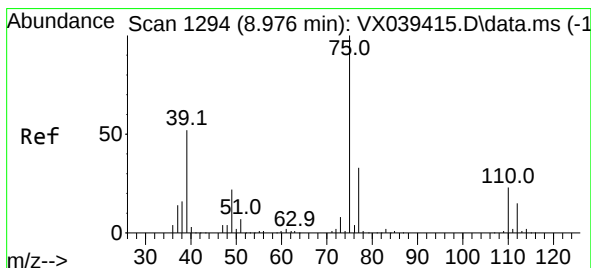
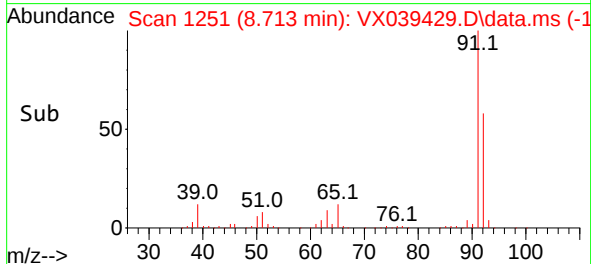
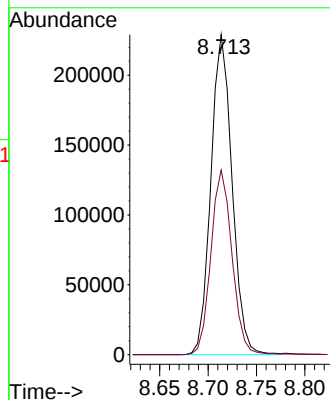
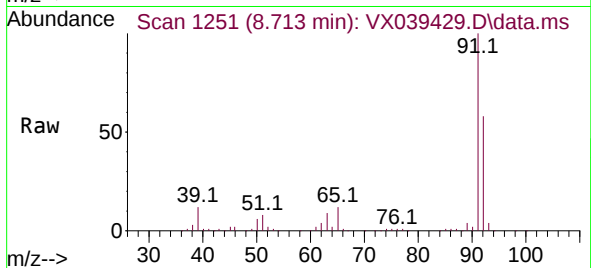
ClientSampleId :

Tgt Ion: 91 Resp: 349245

Ion Ratio Lower Upper

91 100

92 57.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 51.798 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039429.D

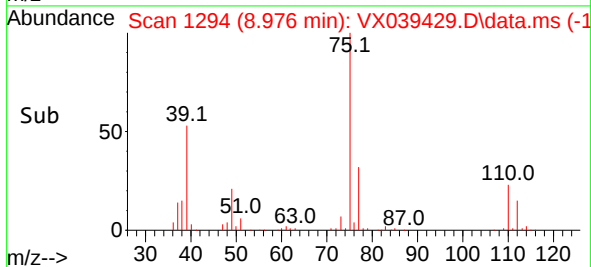
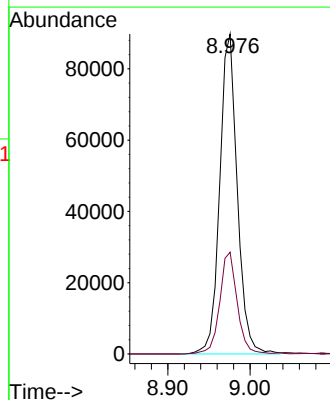
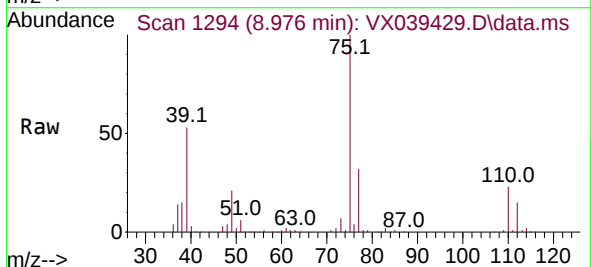
Acq: 21 Dec 2023 16:36

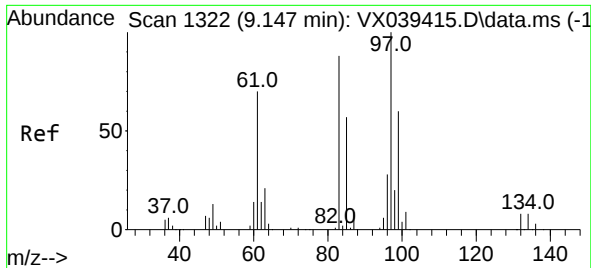
Tgt Ion: 75 Resp: 133330

Ion Ratio Lower Upper

75 100

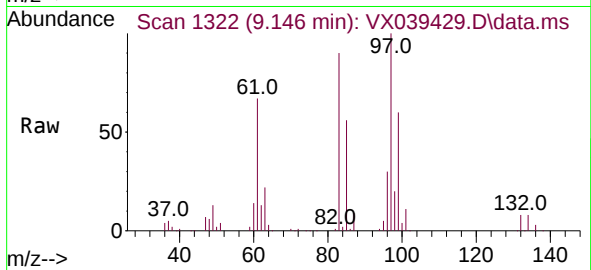
77 31.8 22.0 40.8



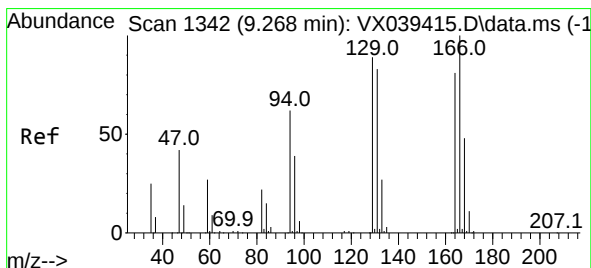
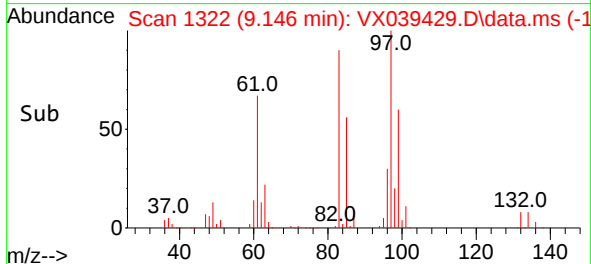
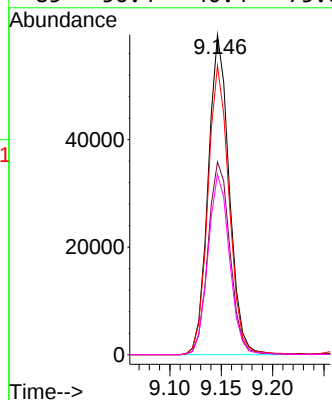


#45
1,1,2-Trichloroethane
Concen: 53.130 ug/L
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :

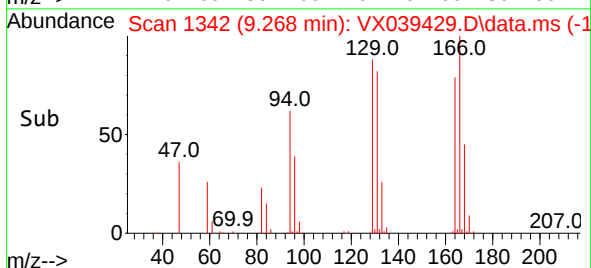
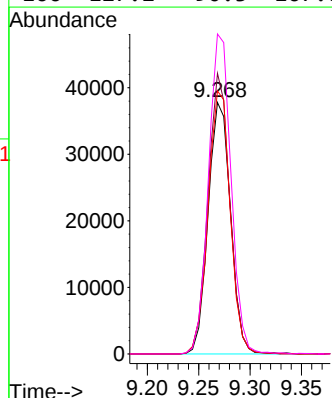
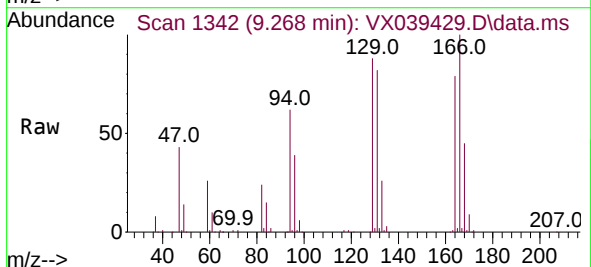


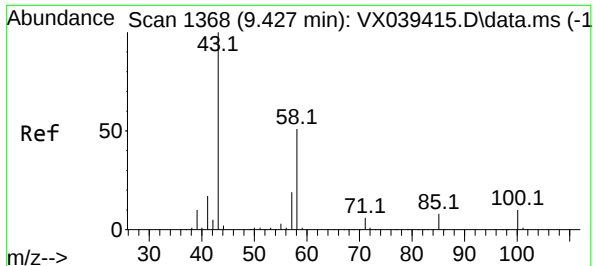
Tgt Ion:	97	Resp:	84678
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.1	80.1
83	90.3	64.0	118.8
85	56.4	40.4	75.0



#46
Tetrachloroethene
Concen: 52.460 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion:	164	Resp:	57350
Ion	Ratio	Lower	Upper
164	100		
129	111.6	71.9	133.5
131	104.5	69.5	129.1
166	127.2	90.3	167.7

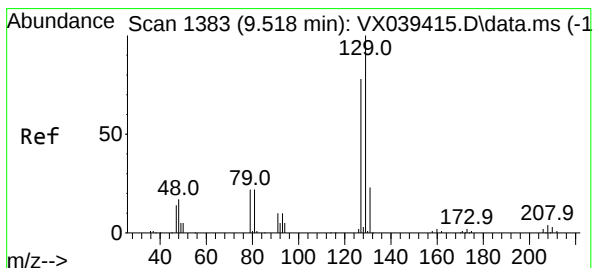
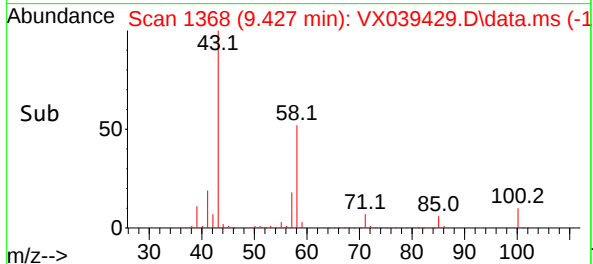
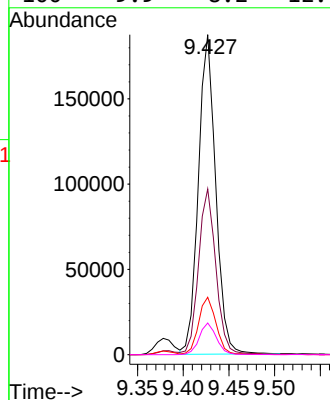
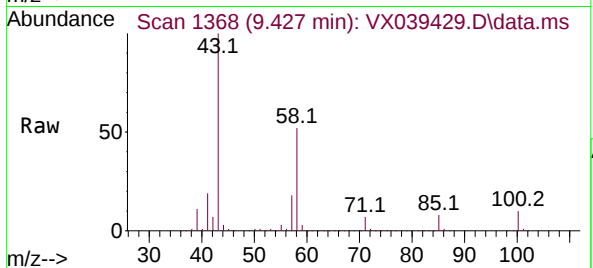




#48
2-Hexanone
Concen: 101.452 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

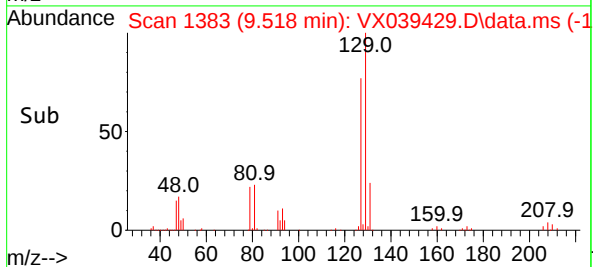
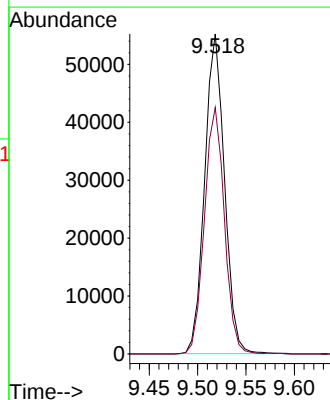
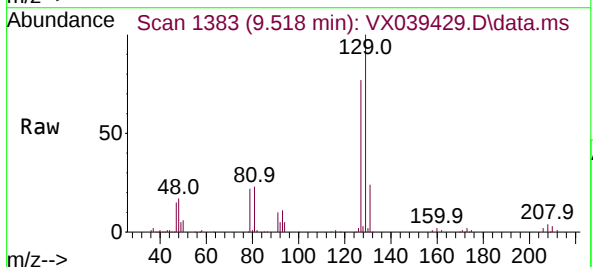
Instrument :
MSVOA_X
ClientSampleId :

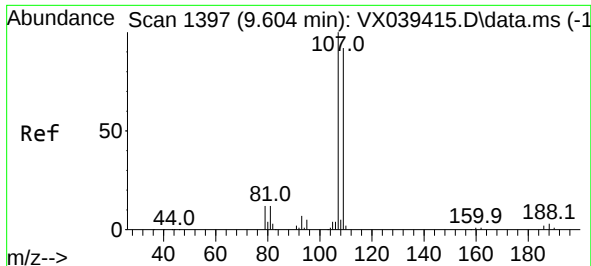
Tgt Ion:	43	Resp:	247495
Ion	Ratio	Lower	Upper
43	100		
58	52.0	43.0	64.6
57	18.0	14.6	21.8
100	9.9	8.2	12.4



#49
Dibromochloromethane
Concen: 50.751 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion:	129	Resp:	78800
Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.2	102.4

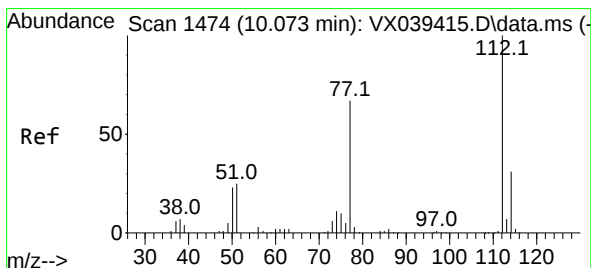
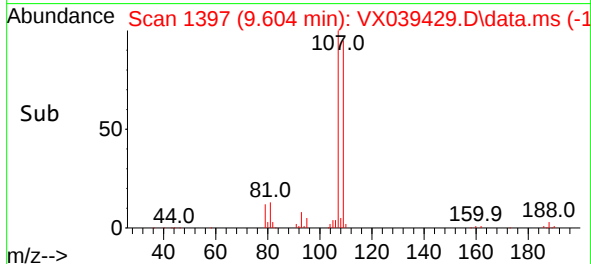
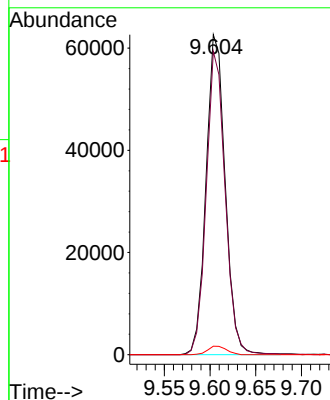
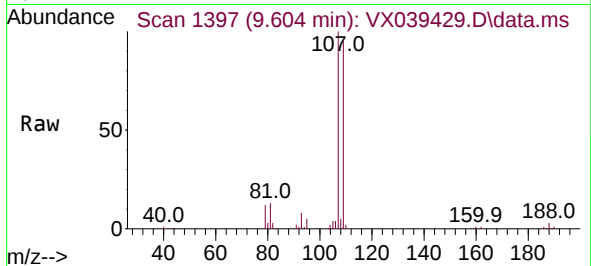




#50
1,2-Dibromoethane
Concen: 53.478 ug/L
RT: 9.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

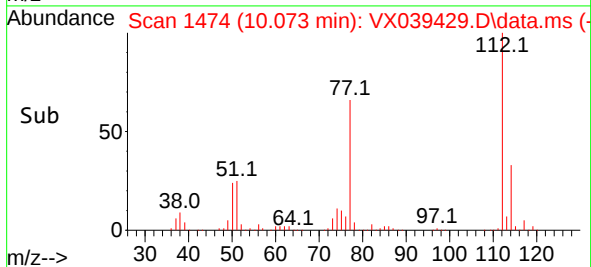
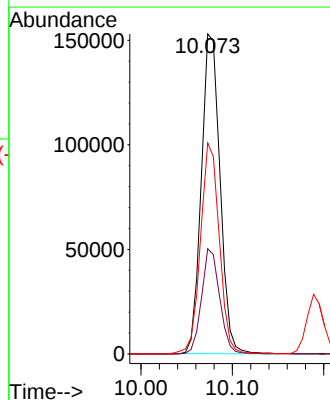
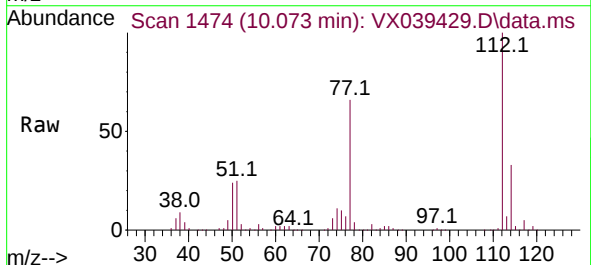
Instrument :
MSVOA_X
ClientSampleId :

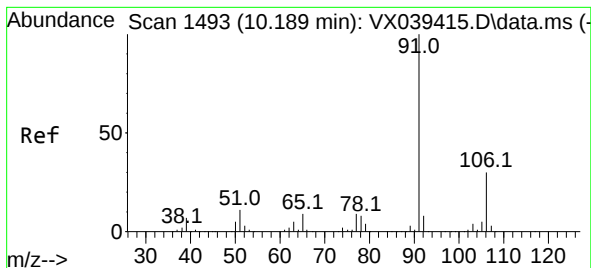
Tgt Ion:107 Resp: 91313
Ion Ratio Lower Upper
107 100
109 94.8 65.2 121.0
188 2.6 2.5 3.7



#51
Chlorobenzene
Concen: 52.933 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion:112 Resp: 217424
Ion Ratio Lower Upper
112 100
114 32.9 21.8 40.4
77 66.0 49.0 73.6

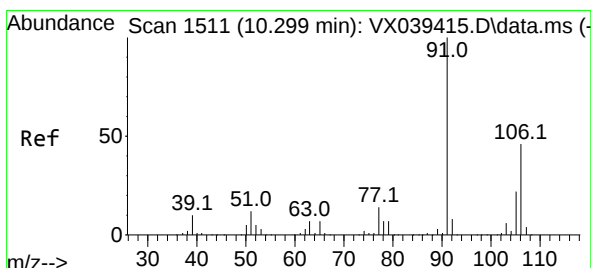
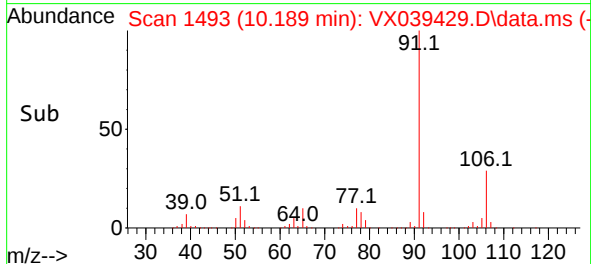
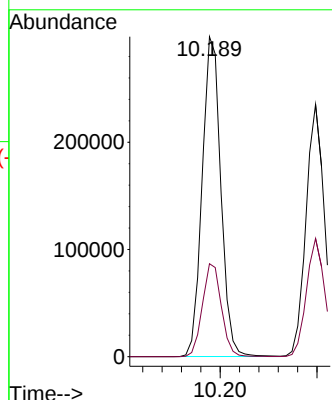
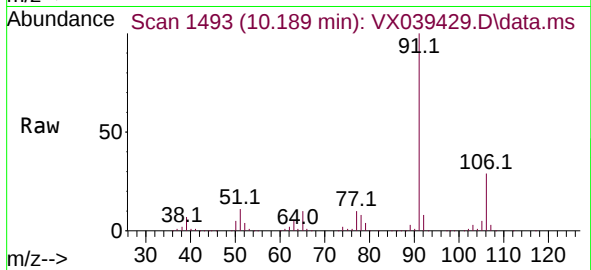




#52
Ethylbenzene
Concen: 53.952 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

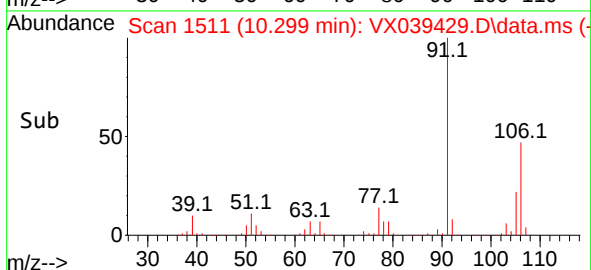
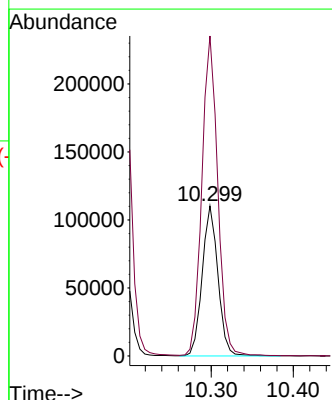
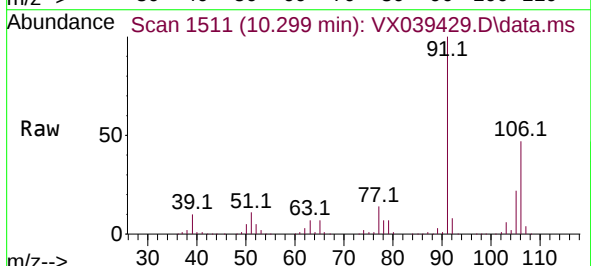
Instrument :
MSVOA_X
ClientSampleId :

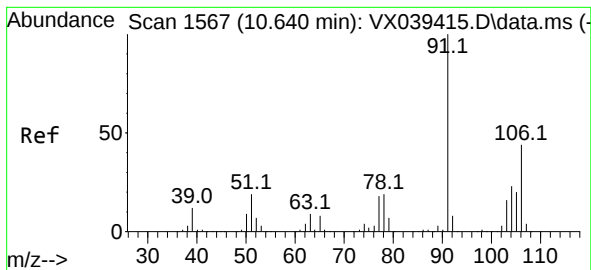
Tgt Ion: 91 Resp: 401082
Ion Ratio Lower Upper
91 100
106 29.1 21.2 39.4



#53
m,p-Xylene
Concen: 52.798 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion: 106 Resp: 146753
Ion Ratio Lower Upper
106 100
91 213.3 149.0 276.8





#54

o-Xylene

Concen: 52.731 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

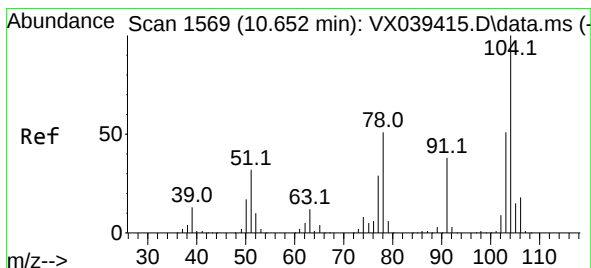
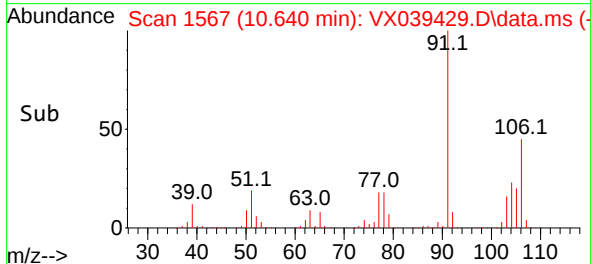
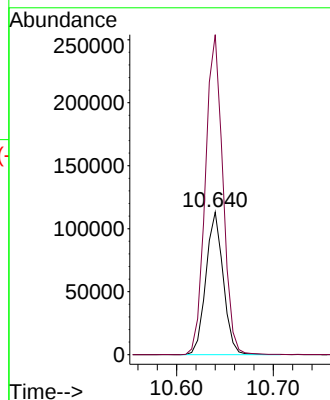
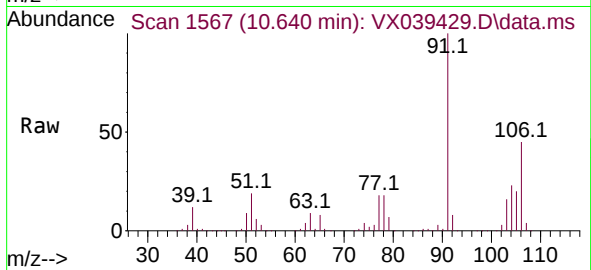
ClientSampleId :

Tgt Ion:106 Resp: 140639

Ion Ratio Lower Upper

106 100

91 224.4 156.2 290.0



#55

Styrene

Concen: 53.680 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039429.D

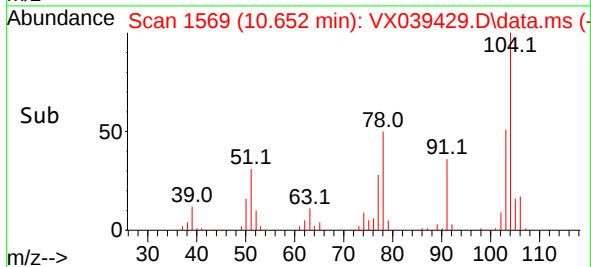
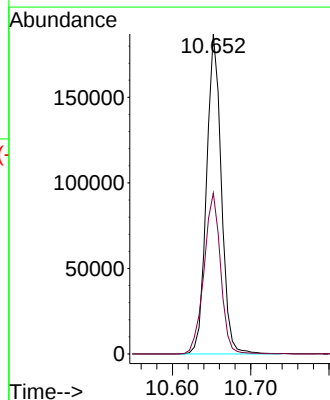
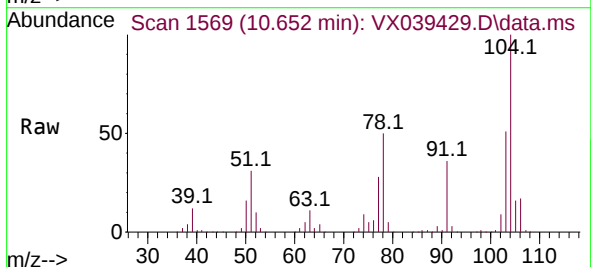
Acq: 21 Dec 2023 16:36

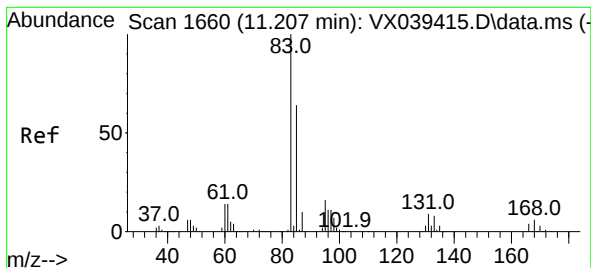
Tgt Ion:104 Resp: 244967

Ion Ratio Lower Upper

104 100

78 50.3 33.5 62.1

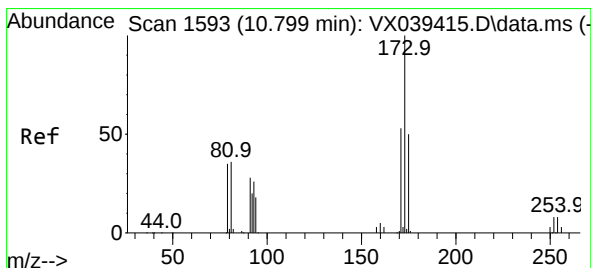
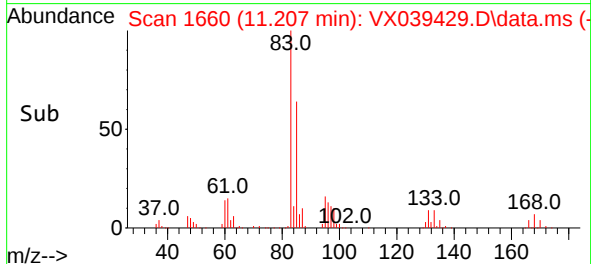
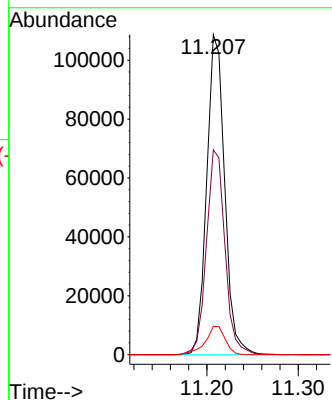
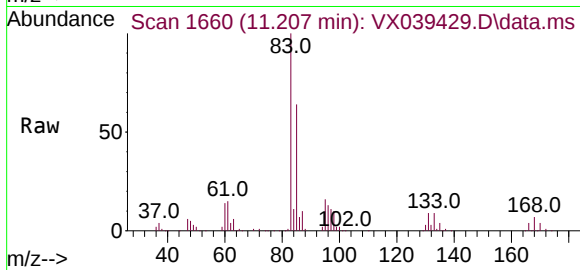




#57
1,1,2,2-Tetrachloroethane
Concen: 53.129 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

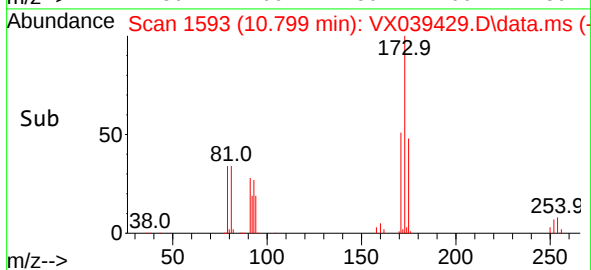
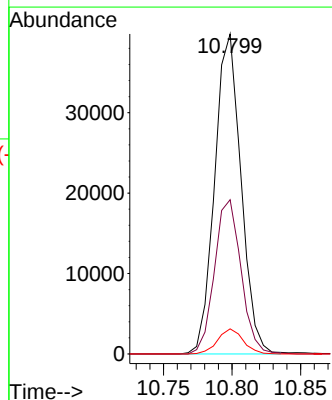
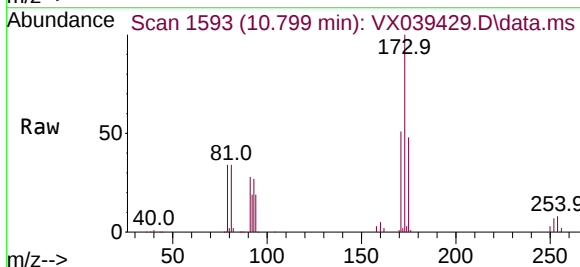
Instrument :
MSVOA_X
ClientSampleId :

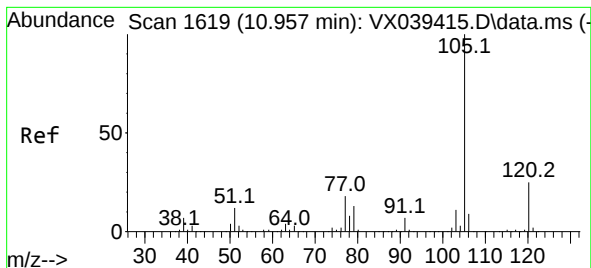
Tgt Ion: 83 Resp: 147778
Ion Ratio Lower Upper
83 100
85 64.0 45.2 84.0
131 8.9 7.2 10.8



#59
Bromoform
Concen: 45.123 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion:173 Resp: 53168
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 7.6 6.2 9.2





#60

Isopropylbenzene

Concen: 52.525 ug/L

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

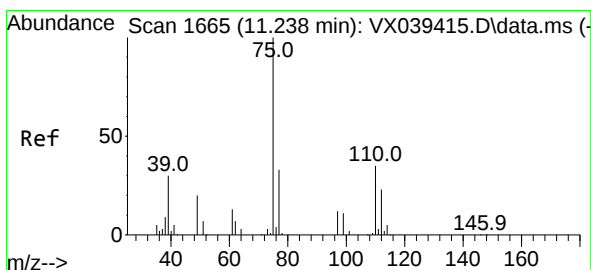
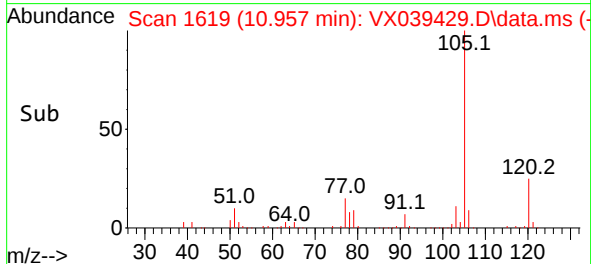
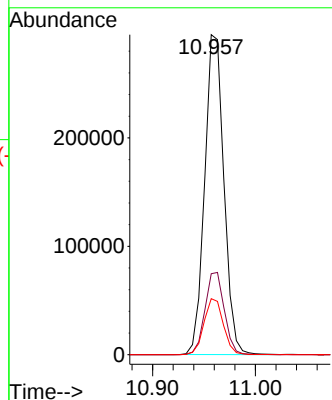
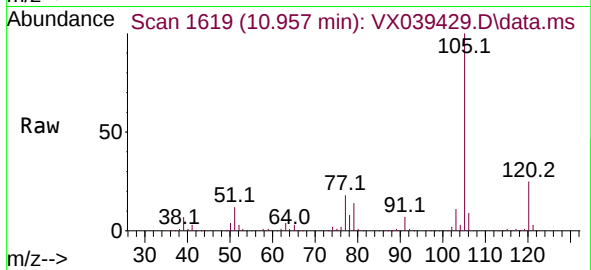
Tgt Ion:105 Resp: 384795

Ion Ratio Lower Upper

105 100

120 25.9 20.5 30.7

77 17.6 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 53.695 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

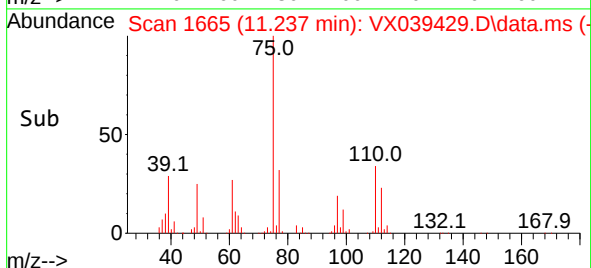
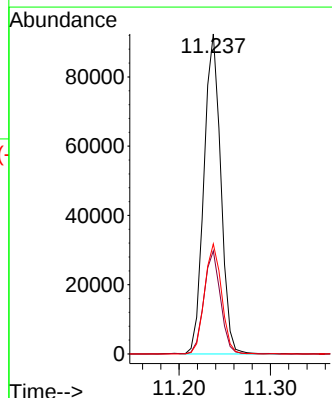
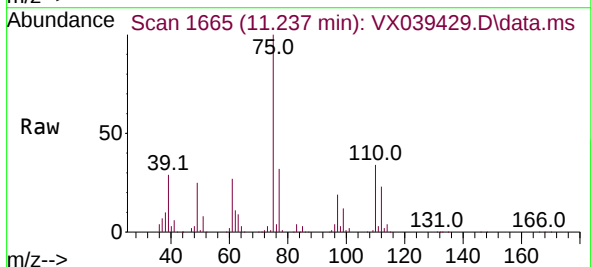
Tgt Ion: 75 Resp: 117927

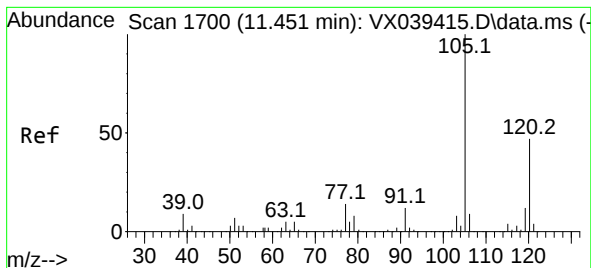
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

110 34.7 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 53.763 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

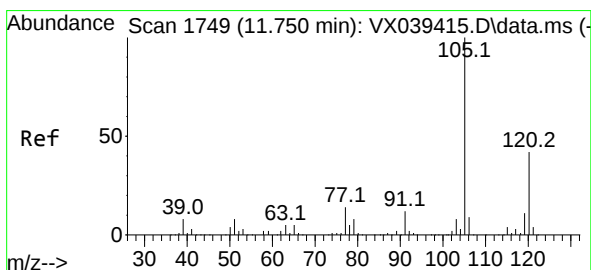
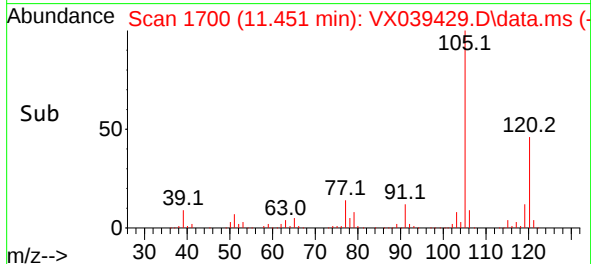
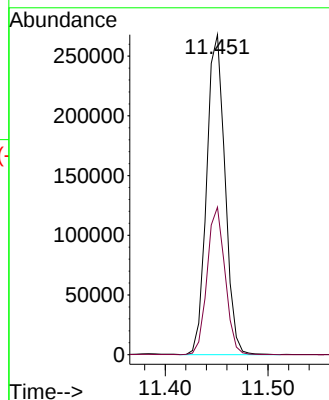
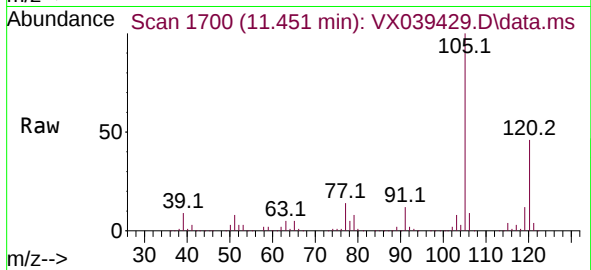
ClientSampleId :

Tgt Ion:105 Resp: 332513

Ion Ratio Lower Upper

105 100

120 45.0 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 53.766 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039429.D

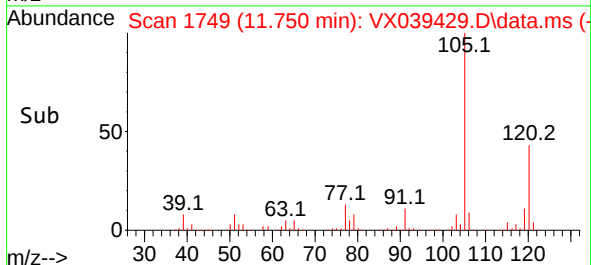
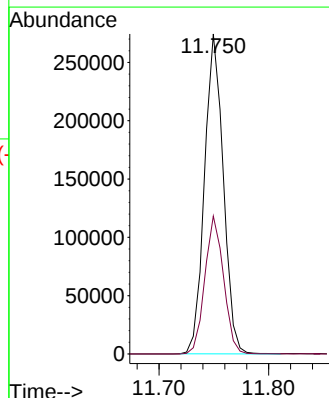
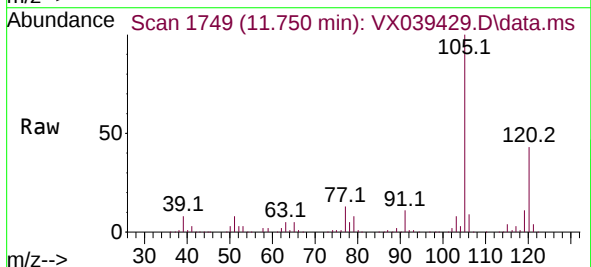
Acq: 21 Dec 2023 16:36

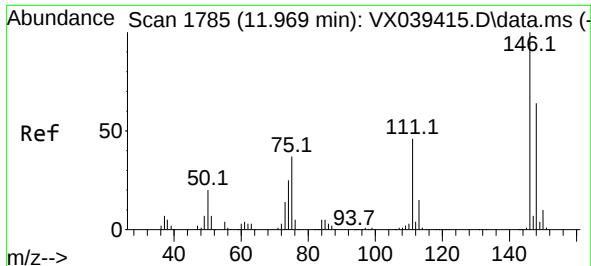
Tgt Ion:105 Resp: 326071

Ion Ratio Lower Upper

105 100

120 42.9 34.9 52.3

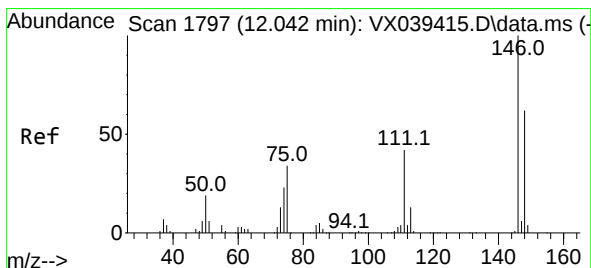
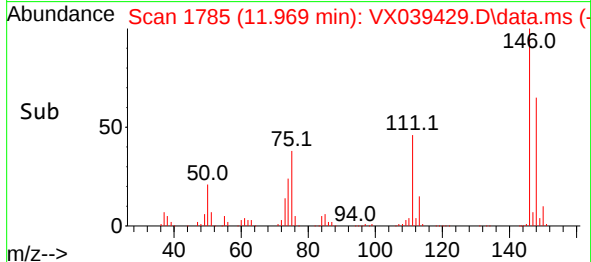
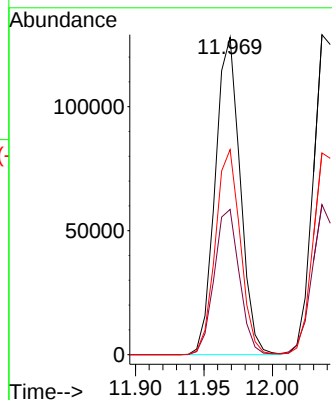
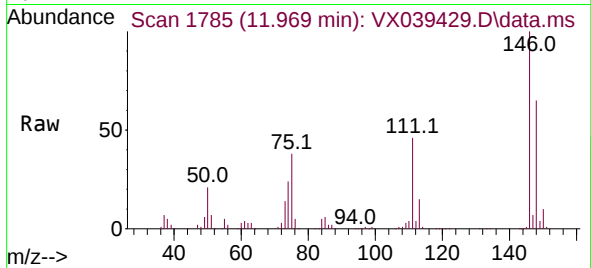




#64
1,3-Dichlorobenzene
Concen: 51.738 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

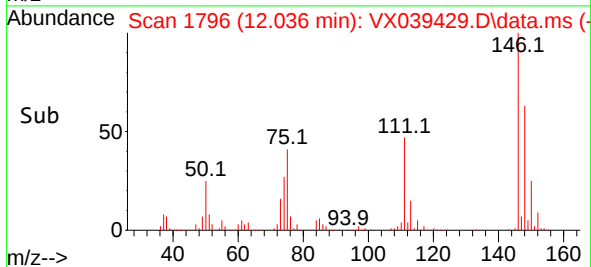
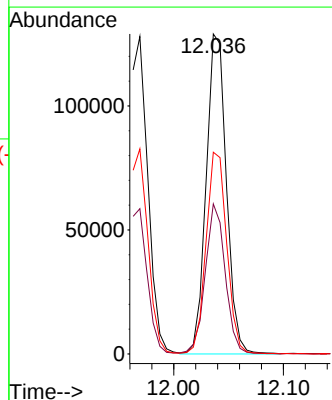
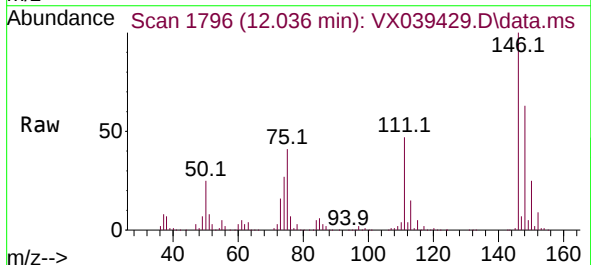
Instrument :
MSVOA_X
ClientSampleId :

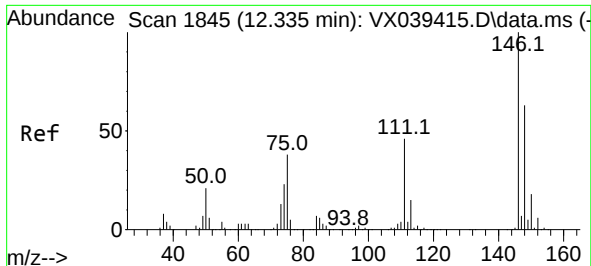
Tgt Ion:146 Resp: 162231
Ion Ratio Lower Upper
146 100
111 45.8 30.0 55.6
148 64.6 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 52.098 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX039429.D
Acq: 21 Dec 2023 16:36

Tgt Ion:146 Resp: 165539
Ion Ratio Lower Upper
146 100
111 46.9 29.7 55.1
148 63.1 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 53.462 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

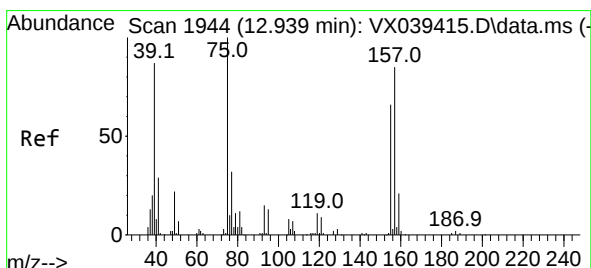
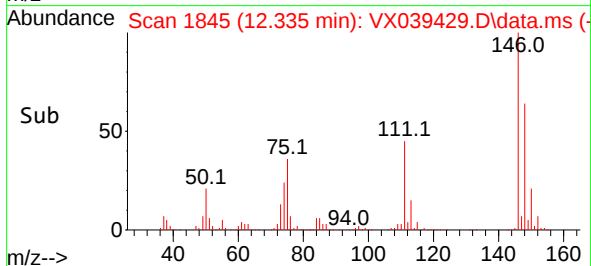
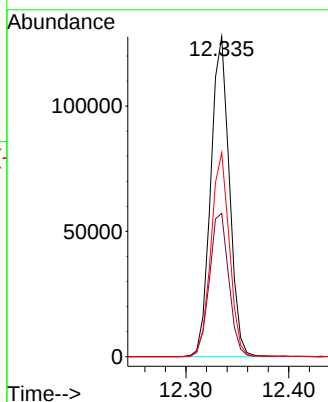
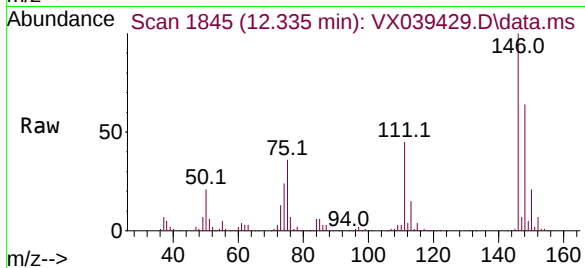
Tgt Ion:146 Resp: 160357

Ion Ratio Lower Upper

146 100

111 44.8 36.4 54.6

148 63.8 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 51.556 ug/L

RT: 12.938 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

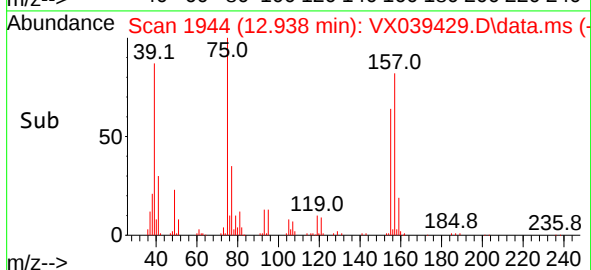
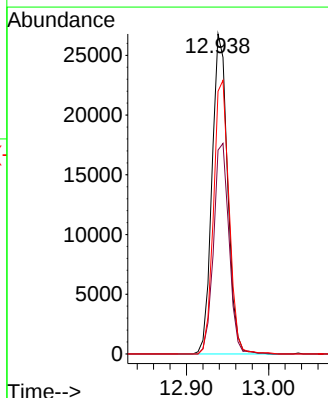
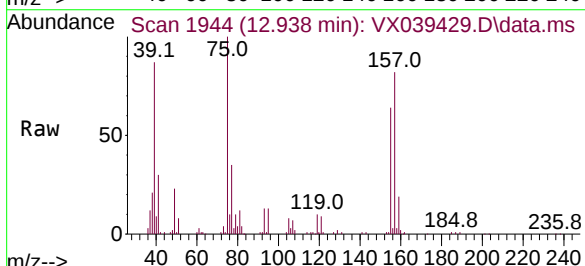
Tgt Ion: 75 Resp: 35338

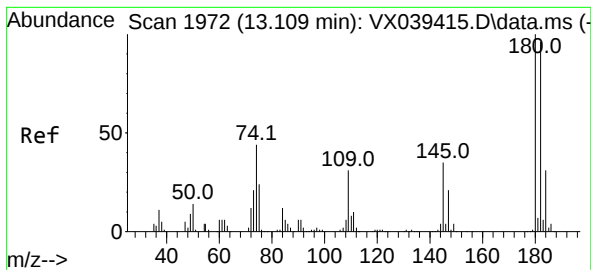
Ion Ratio Lower Upper

75 100

155 63.7 52.3 78.5

157 82.1 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 52.108 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

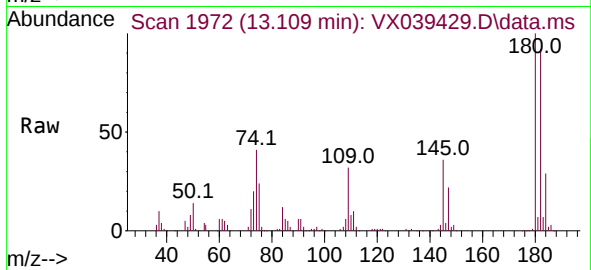
Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 108054

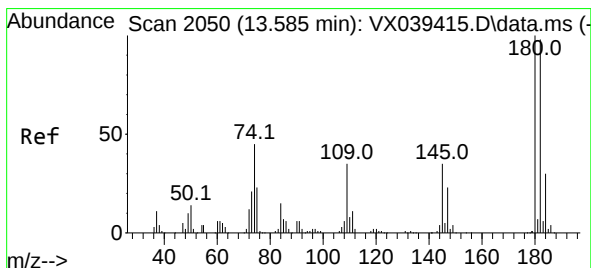
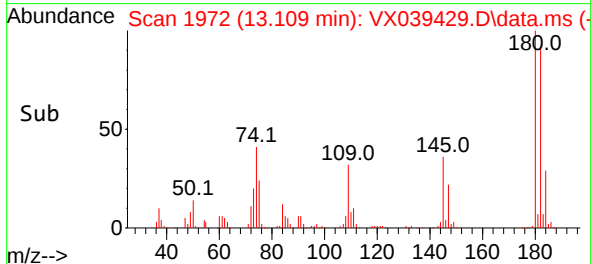
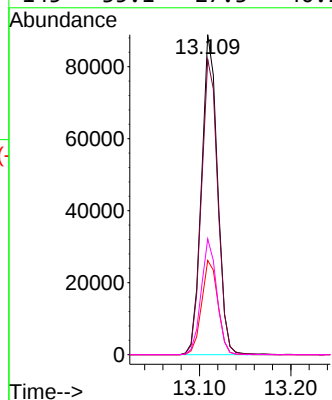
Ion Ratio Lower Upper

180 100

182 94.2 76.1 114.1

184 29.9 24.1 36.1

145 35.1 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 52.354 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

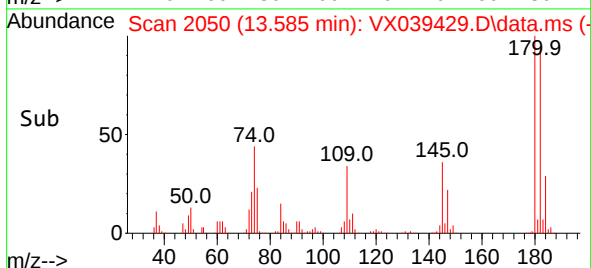
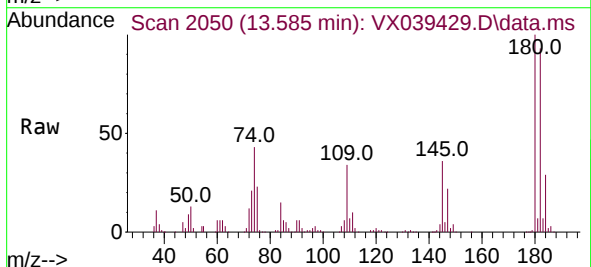
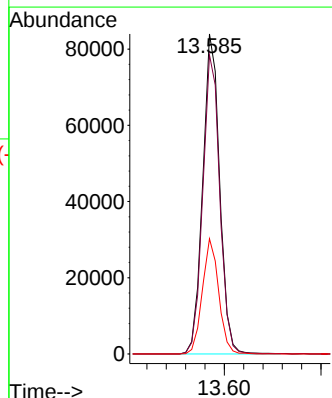
Tgt Ion:180 Resp: 102346

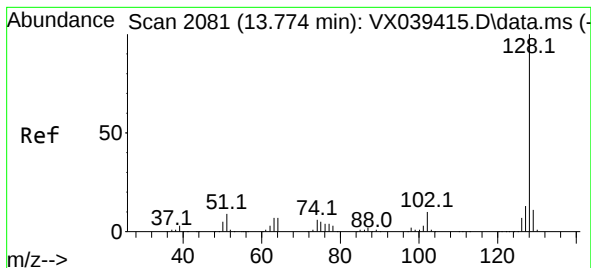
Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

145 34.7 27.8 41.6





#71

Naphthalene

Concen: 51.060 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

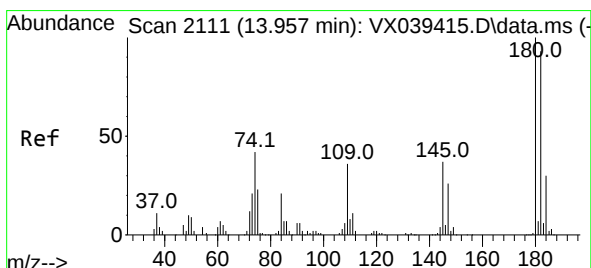
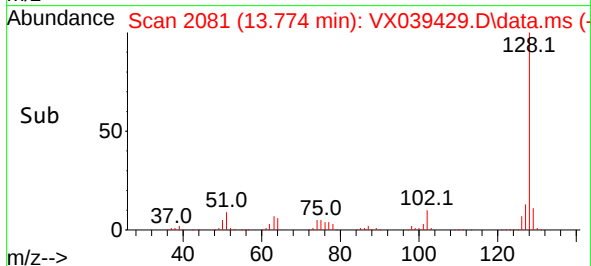
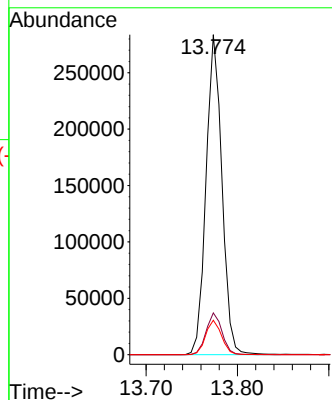
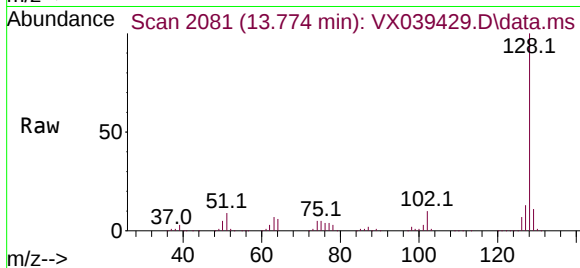
Tgt Ion:128 Resp: 342323

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.275 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039429.D

Acq: 21 Dec 2023 16:36

Tgt Ion:180 Resp: 98949

Ion Ratio Lower Upper

180 100

182 93.5 75.9 113.9

145 36.2 28.6 42.8

