

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122723\
 Data File : VX039501.D
 Acq On : 27 Dec 2023 17:56
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 04:10:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 28 04:06:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	200767	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	186405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	88947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	73877	46.915	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.820%		
7) Chloroethane-d5	1.666	69	56720	48.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.460%		
11) 1,1-Dichloroethene-d2	2.306	65	35267	51.020	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.040%		
21) 2-Butanone-d5	4.446	46	140911	98.856	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.860%		
24) Chloroform-d	5.056	84	141438	50.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.480%		
26) 1,2-Dichloroethane-d4	5.952	65	92867	51.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.880%		
32) Benzene-d6	5.970	84	281643	48.957	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.920%		
36) 1,2-Dichloropropane-d6	7.305	67	88491	47.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.600%		
41) Toluene-d8	8.647	98	257887	49.466	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.940%		
43) trans-1,3-Dichloroprop...	8.951	79	40890	43.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.800%		
47) 2-Hexanone-d5	9.384	63	105340	95.264	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.260%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	129580	49.338	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.680%		
66) 1,2-Dichlorobenzene-d4	12.317	152	86300	51.331	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62305	38.914	ug/L	98
3) Chloromethane	1.294	50	63508	37.950	ug/L	99
5) Vinyl chloride	1.373	62	61436	37.249	ug/L	96
6) Bromomethane	1.605	94	33335	37.444	ug/L	97
8) Chloroethane	1.684	64	38351	41.129	ug/L	94
9) Trichlorofluoromethane	1.886	101	90824	42.489	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	61166	44.484	ug/L	97
12) 1,1-Dichloroethene	2.318	96	53082	41.042	ug/L	98
13) Acetone	2.373	43	113158	82.636	ug/L	96
14) Carbon disulfide	2.514	76	140043	34.027	ug/L	100
15) Methyl Acetate	2.703	43	89953	45.958	ug/L	96
16) Methylene chloride	2.788	84	61618	41.466	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	54938	40.314	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	202884	42.772	ug/L	98
19) 1,1-Dichloroethane	3.611	63	116779	43.339	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	65191	41.244	ug/L	95
22) 2-Butanone	4.550	43	143102	85.152	ug/L	98
23) Bromochloromethane	4.897	128	30410	40.927	ug/L	92
25) Chloroform	5.092	83	115653	43.032	ug/L	93

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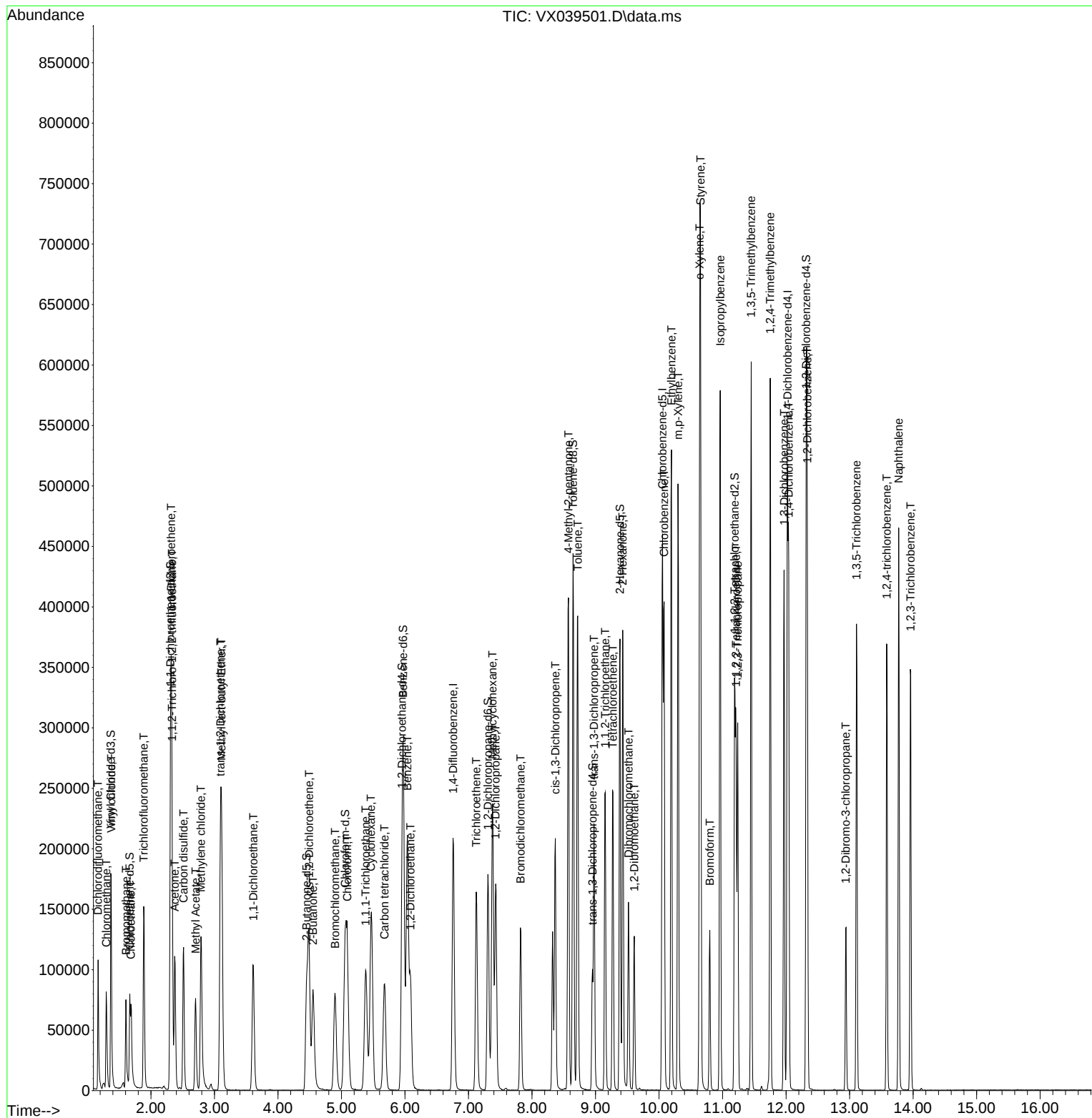
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	96724	45.598	ug/L	95
29) Cyclohexane	5.464	56	102660	39.370	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	96584	42.704	ug/L	98
31) Carbon tetrachloride	5.678	117	78503	41.603	ug/L	99
33) Benzene	6.037	78	246546	41.620	ug/L	100
34) Trichloroethene	7.122	95	64004	40.884	ug/L	94
35) Methylcyclohexane	7.379	83	104190	39.961	ug/L	97
37) 1,2-Dichloropropane	7.427	63	69820	42.498	ug/L	99
38) Bromodichloromethane	7.817	83	85227	42.651	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	104898	40.033	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	246907	89.672	ug/L	97
42) Toluene	8.720	91	260385	41.451	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	98423	40.477	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	65446	43.469	ug/L	98
46) Tetrachloroethene	9.275	164	42216	40.878	ug/L	98
48) 2-Hexanone	9.427	43	206057	89.414	ug/L	96
49) Dibromochloromethane	9.518	129	60321	41.125	ug/L	100
50) 1,2-Dibromoethane	9.610	107	67287	41.716	ug/L #	99
51) Chlorobenzene	10.079	112	159954	41.223	ug/L	97
52) Ethylbenzene	10.195	91	296210	42.179	ug/L	99
53) m,p-Xylene	10.299	106	108008	41.135	ug/L	99
54) o-Xylene	10.640	106	105298	41.793	ug/L	100
55) Styrene	10.652	104	183612	42.592	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	113929	43.359	ug/L	99
59) Bromoform	10.799	173	41435	39.637	ug/L	100
60) Isopropylbenzene	10.963	105	290017	44.622	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	89580	45.974	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	244327	44.527	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	239635	44.538	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	120886	43.455	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	120844	42.868	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	117659	44.215	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.938	75	26539	43.642	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	81087	44.075	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	72731	41.936	ug/L	98
71) Naphthalene	13.774	128	259679	43.658	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	72983	43.460	ug/L	99

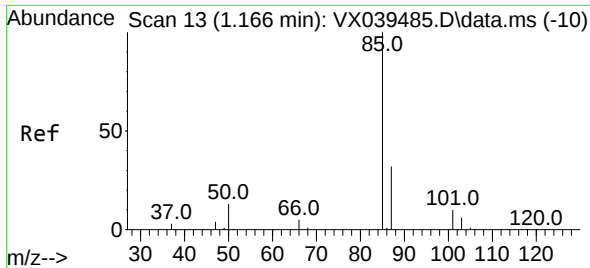
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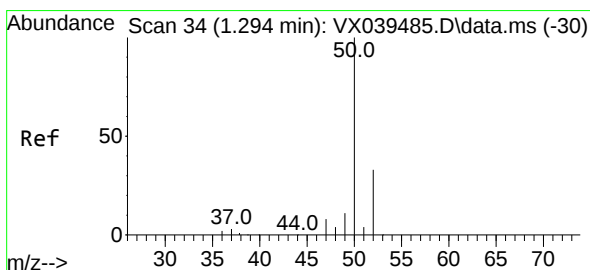
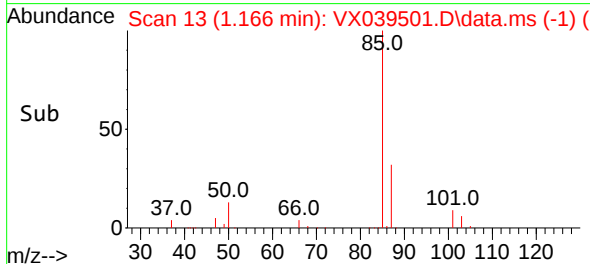
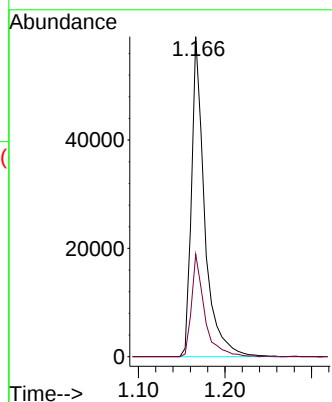
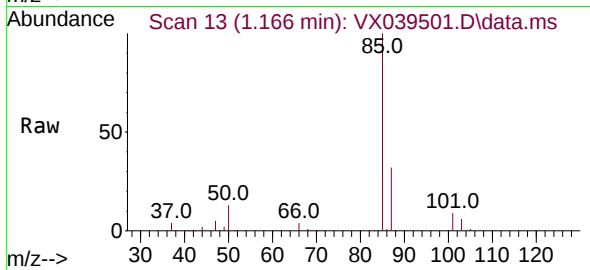




#2
 Dichlorodifluoromethane
 Concen: 38.914 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039501.D
 Acq: 27 Dec 2023 17:56

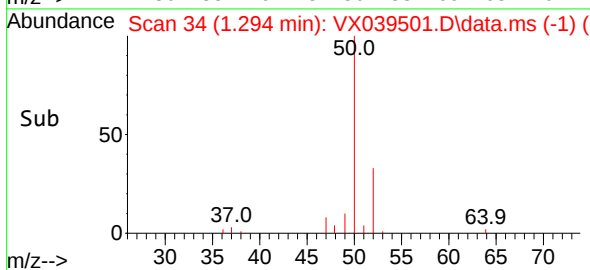
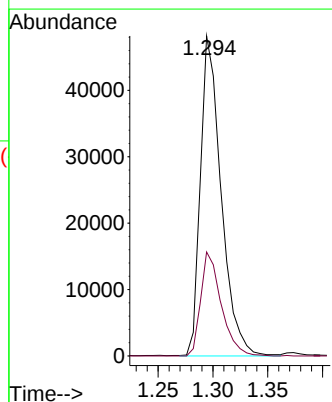
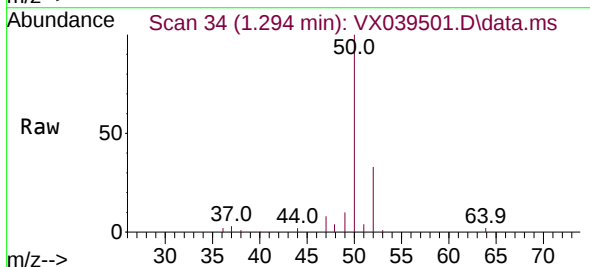
Instrument :
 MSVOA_X
 ClientSampleId :

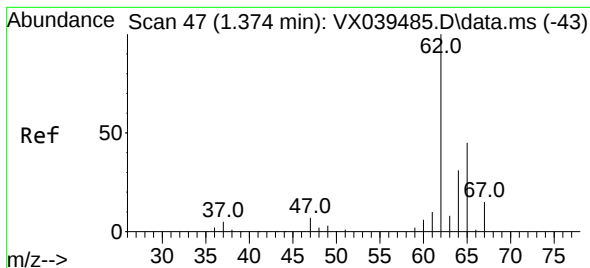
Tgt Ion: 85 Resp: 62305
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.2 39.4



#3
 Chloromethane
 Concen: 37.950 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039501.D
 Acq: 27 Dec 2023 17:56

Tgt Ion: 50 Resp: 63508
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.4 41.6





#5

Vinyl chloride

Concen: 37.249 ug/L

RT: 1.373 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

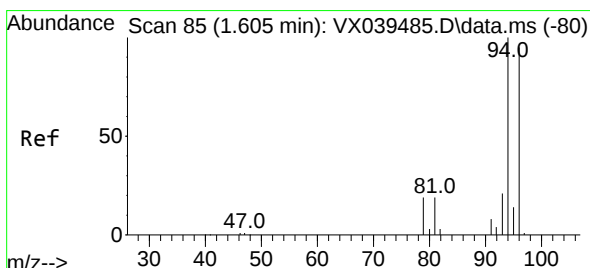
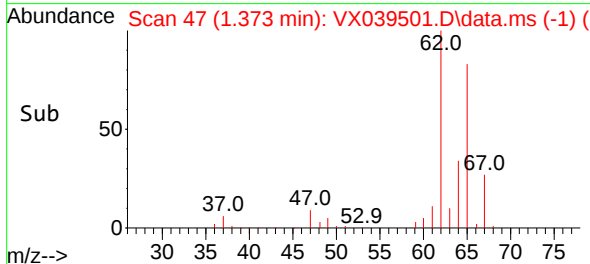
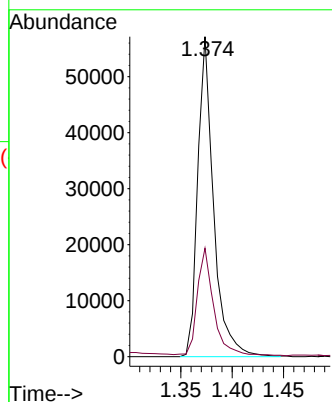
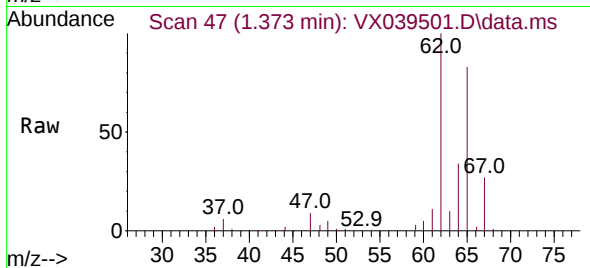
ClientSampleId :

Tgt Ion: 62 Resp: 61436

Ion Ratio Lower Upper

62 100

64 33.9 22.3 41.3



#6

Bromomethane

Concen: 37.444 ug/L

RT: 1.605 min Scan# 85

Delta R.T. -0.000 min

Lab File: VX039501.D

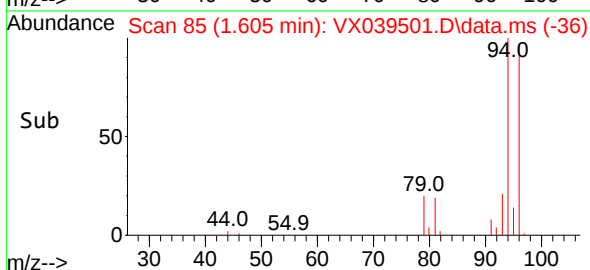
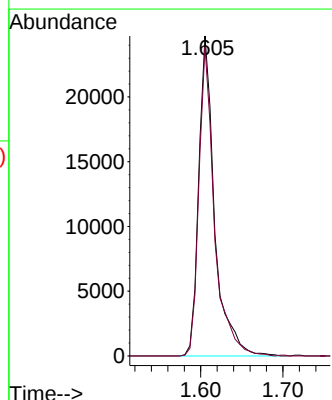
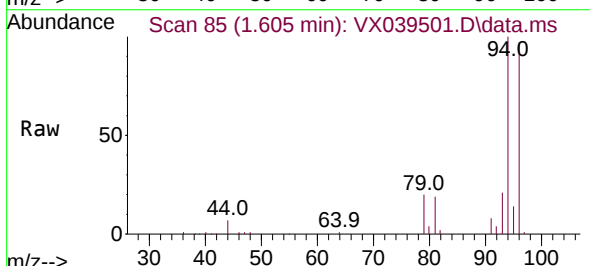
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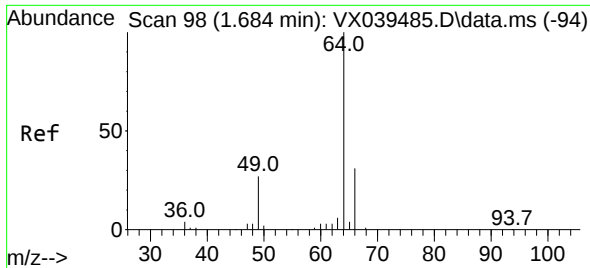
Tgt Ion: 94 Resp: 33335

Ion Ratio Lower Upper

94 100

96 96.6 65.8 122.2

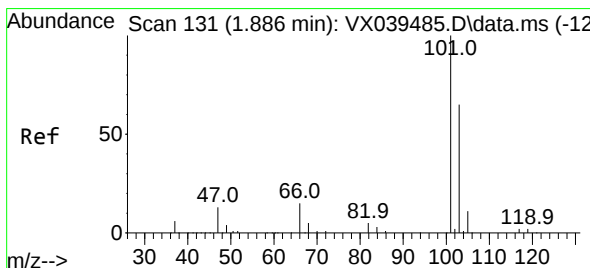
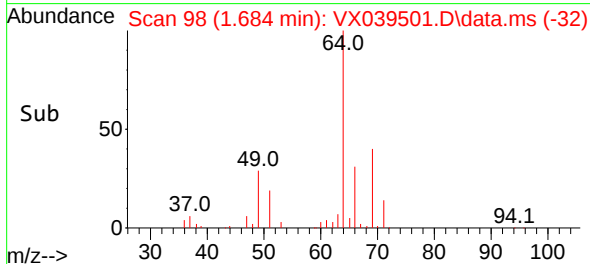
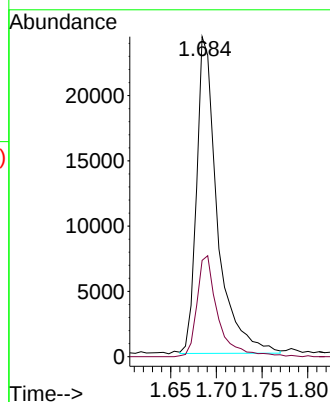
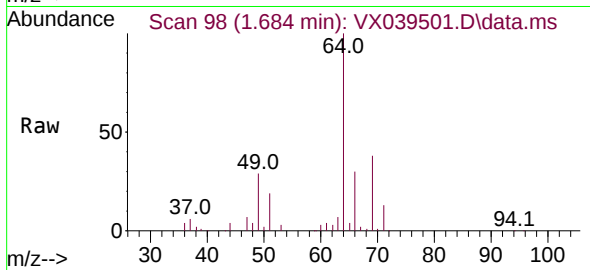




#8
Chloroethane
Concen: 41.129 ug/L
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

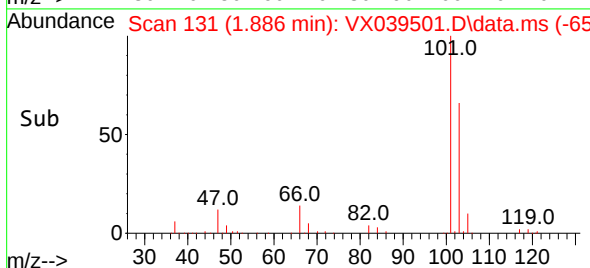
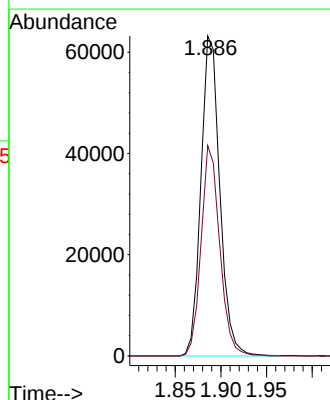
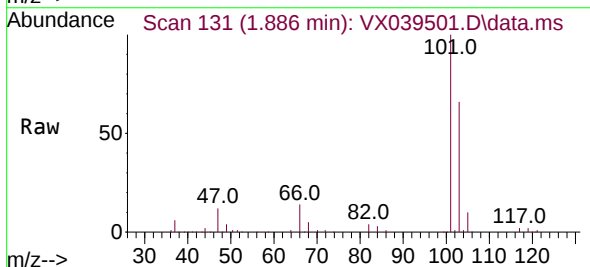
Instrument :
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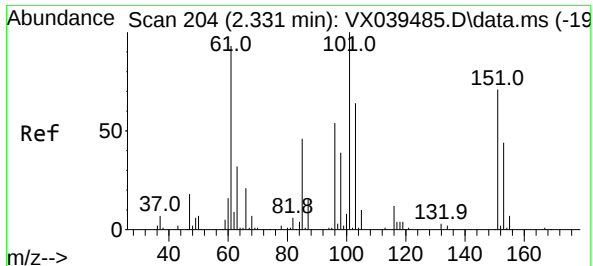
Tgt Ion: 64 Resp: 38351
Ion Ratio Lower Upper
64 100
66 30.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 42.489 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Tgt Ion: 101 Resp: 90824
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

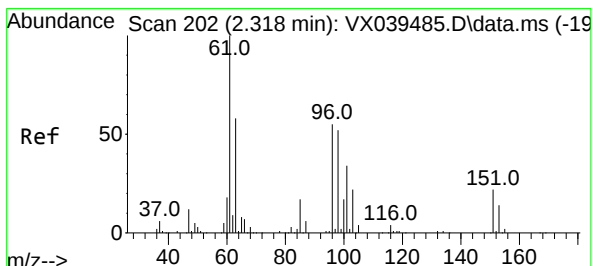
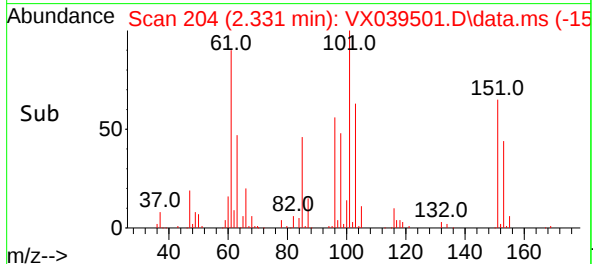
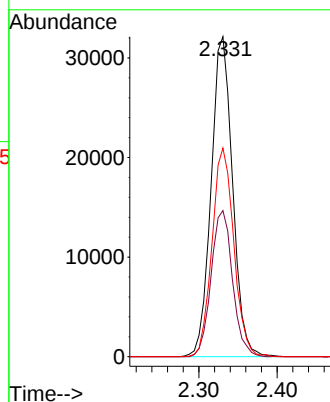
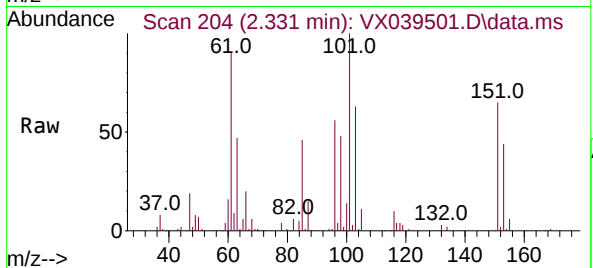




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.484 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX039501.D
 Acq: 27 Dec 2023 17:56

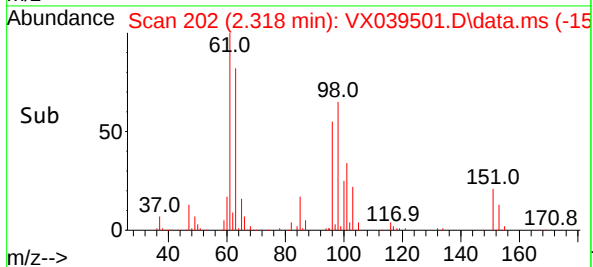
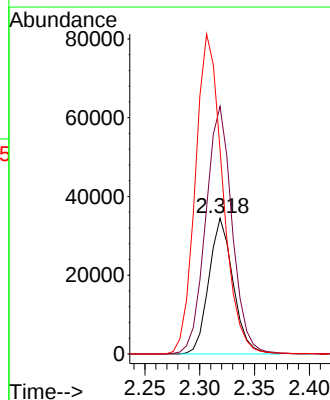
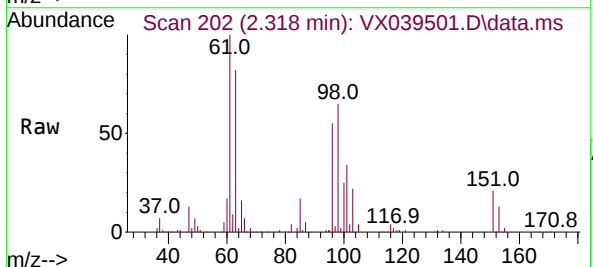
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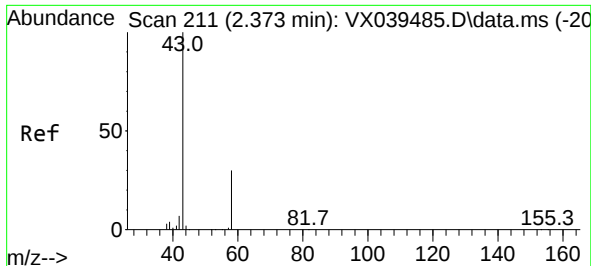
Tgt Ion:101 Resp: 61166
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.8 53.6
 151 66.0 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 41.042 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039501.D
 Acq: 27 Dec 2023 17:56

Tgt Ion: 96 Resp: 53082
 Ion Ratio Lower Upper
 96 100
 61 182.4 128.0 237.6
 63 150.5 101.5 188.5





#13

Acetone

Concen: 82.636 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

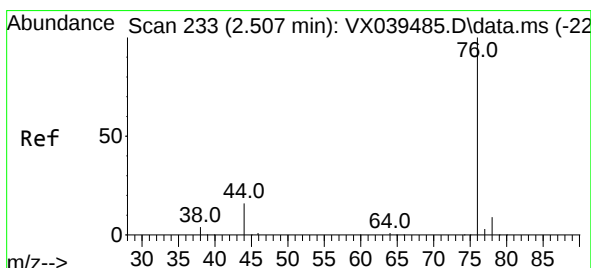
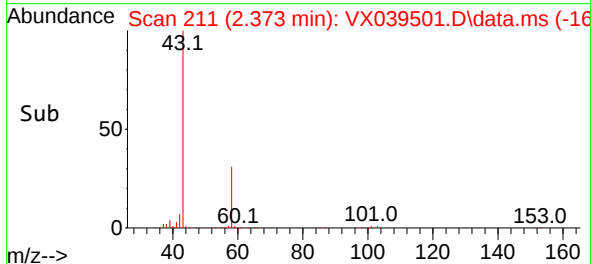
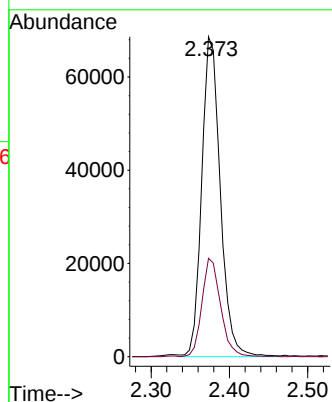
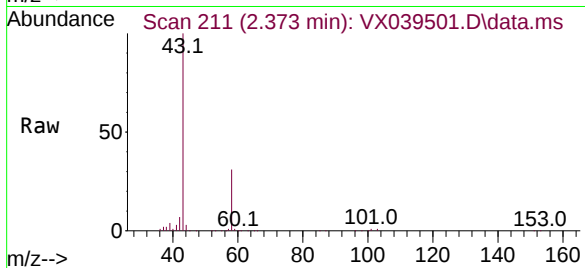
ClientSampleId :

Tgt Ion: 43 Resp: 113158

Ion Ratio Lower Upper

43 100

58 30.8 0.0 65.8



#14

Carbon disulfide

Concen: 34.027 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX039501.D

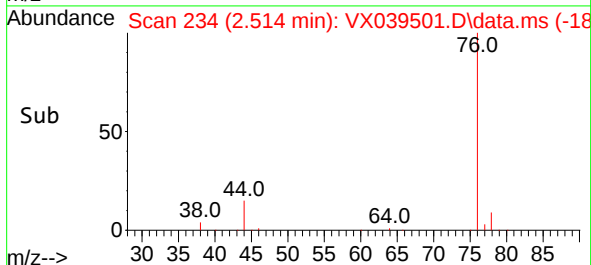
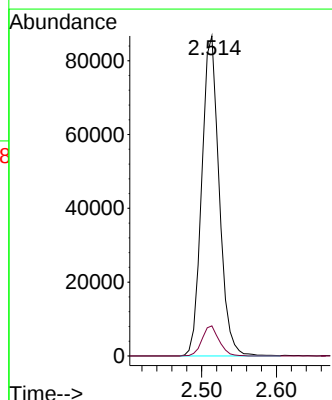
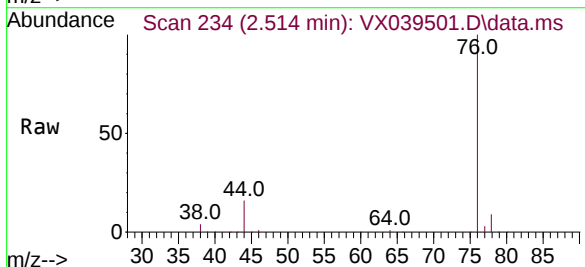
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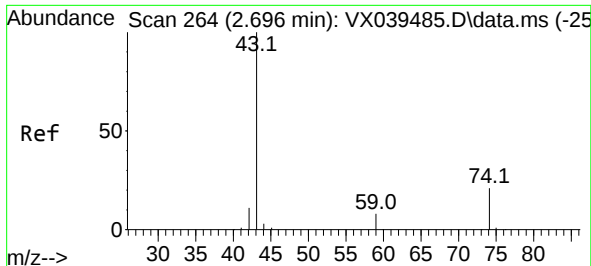
Tgt Ion: 76 Resp: 140043

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

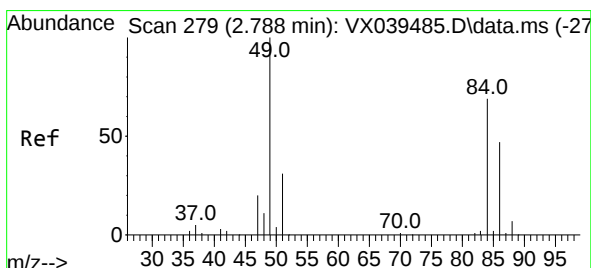
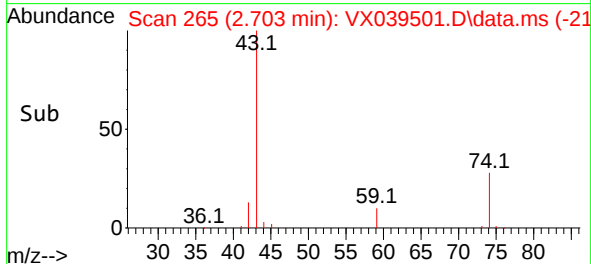
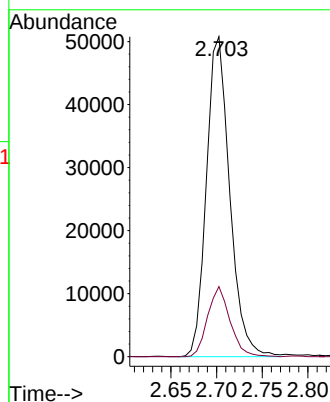
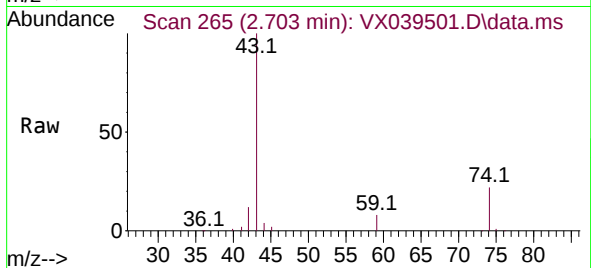




#15
Methyl Acetate
Concen: 45.958 ug/L
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

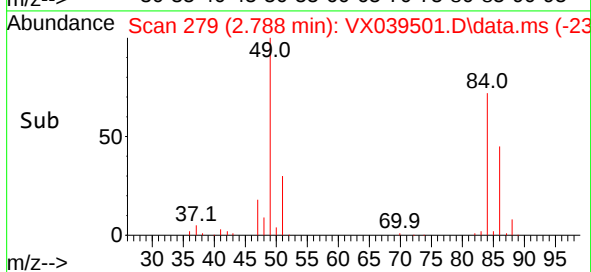
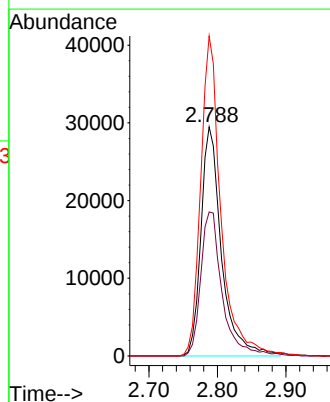
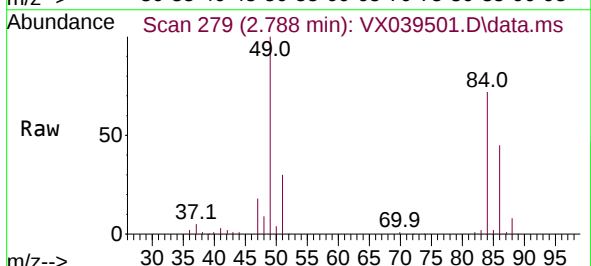
Instrument :
MSVOA_X
ClientSampleId :

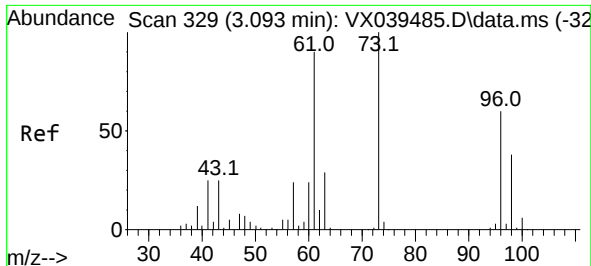
Tgt Ion: 43 Resp: 89953
Ion Ratio Lower Upper
43 100
74 21.0 18.2 27.4



#16
Methylene chloride
Concen: 41.466 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Tgt Ion: 84 Resp: 61618
Ion Ratio Lower Upper
84 100
86 62.8 44.7 82.9
49 139.6 90.9 168.7

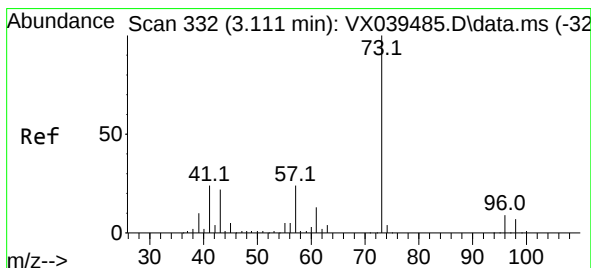
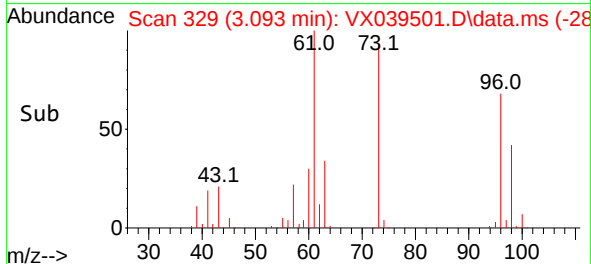
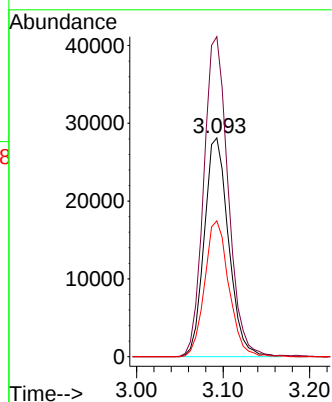
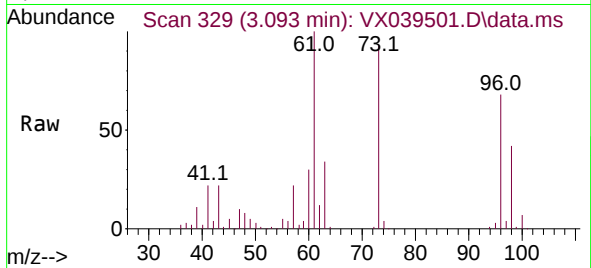




#17
trans-1,2-Dichloroethene
Concen: 40.314 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

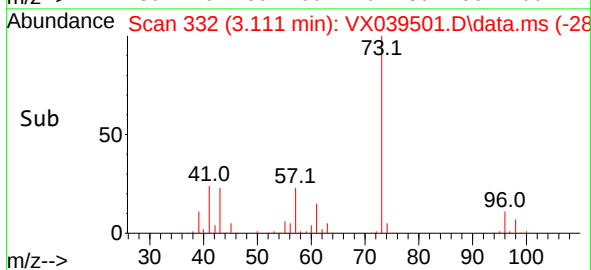
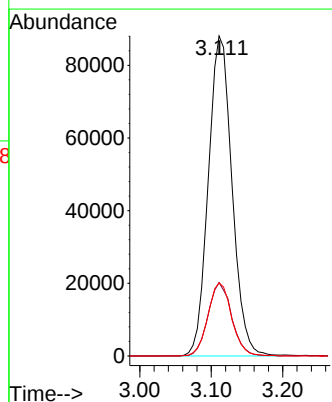
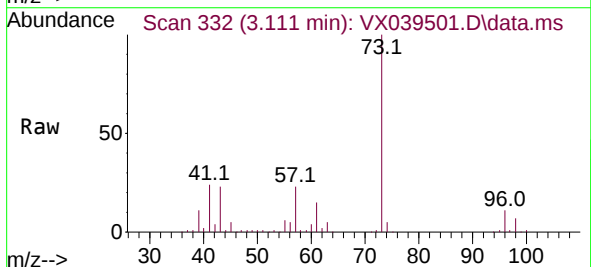
Instrument :
MSVOA_X
ClientSampleId :

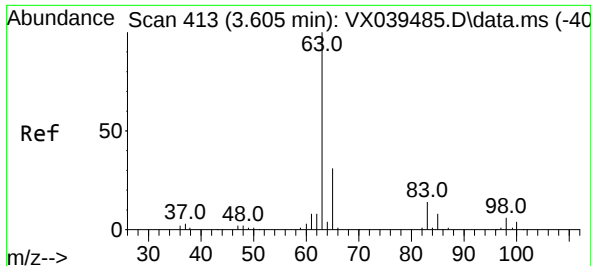
Tgt Ion: 96 Resp: 54938
Ion Ratio Lower Upper
96 100
61 146.3 99.8 185.3
98 62.1 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 42.772 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Tgt Ion: 73 Resp: 202884
Ion Ratio Lower Upper
73 100
43 22.8 16.9 25.3
57 22.9 18.5 27.7





#19

1,1-Dichloroethane

Concen: 43.339 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

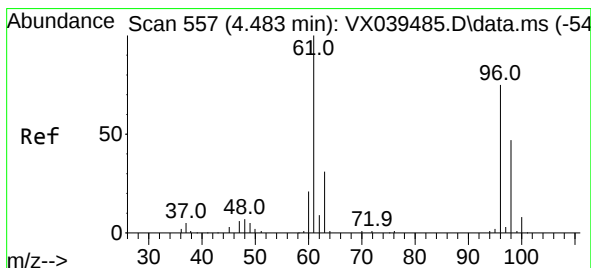
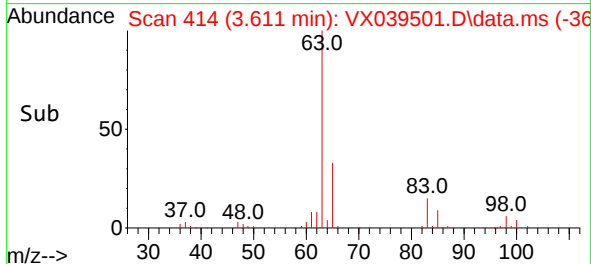
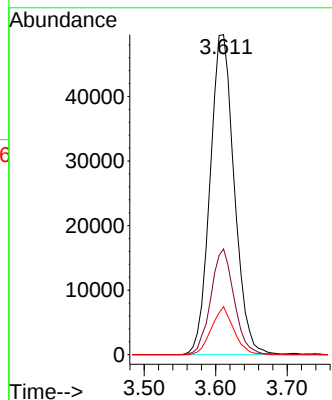
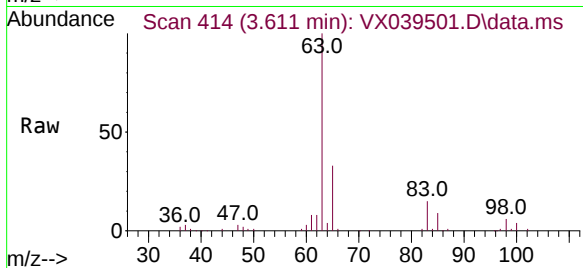
Tgt Ion: 63 Resp: 116779

Ion Ratio Lower Upper

63 100

65 33.0 21.1 39.3

83 15.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 41.244 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

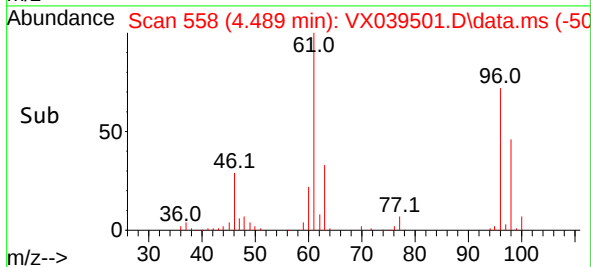
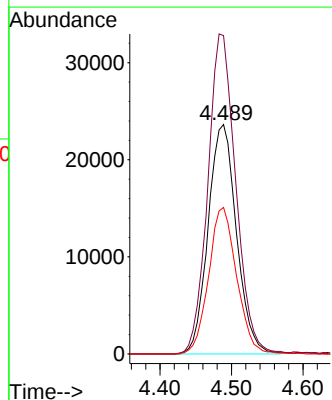
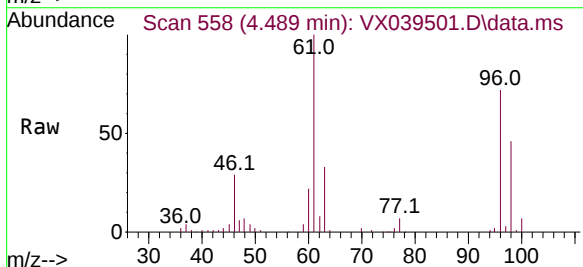
Tgt Ion: 96 Resp: 65191

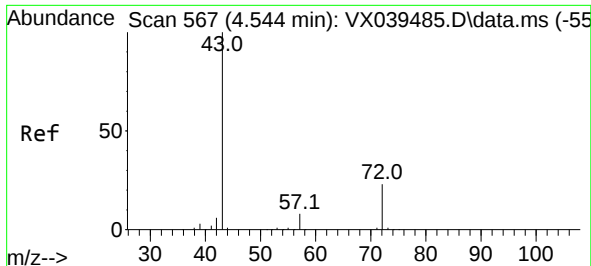
Ion Ratio Lower Upper

96 100

61 138.8 91.7 170.3

98 63.9 44.2 82.2

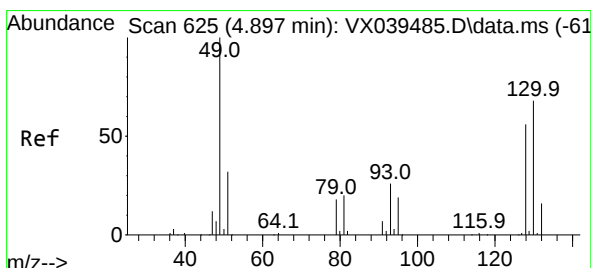
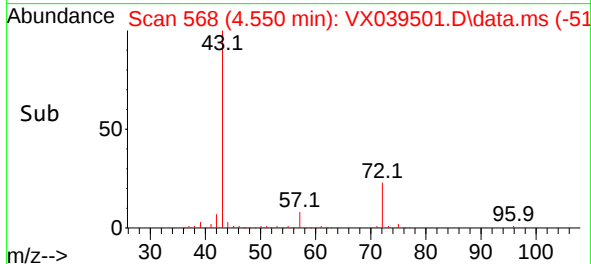
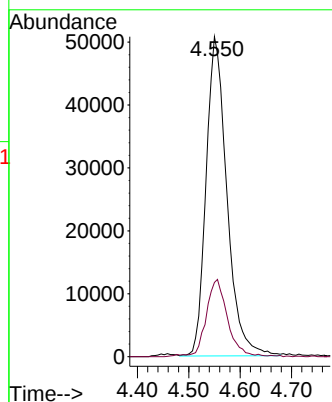
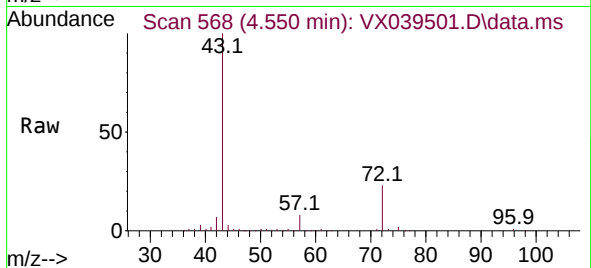




#22
2-Butanone
Concen: 85.152 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

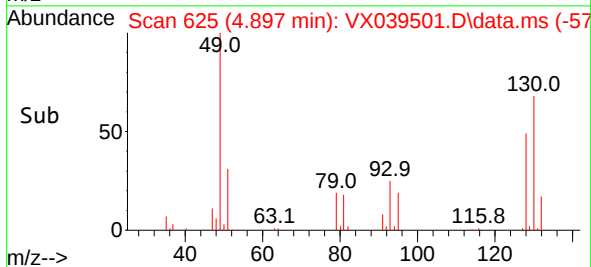
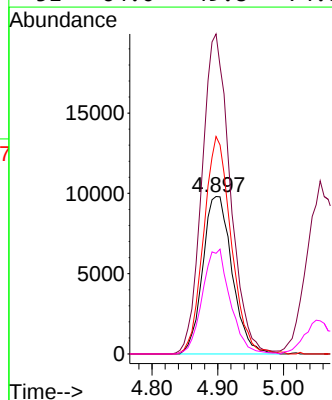
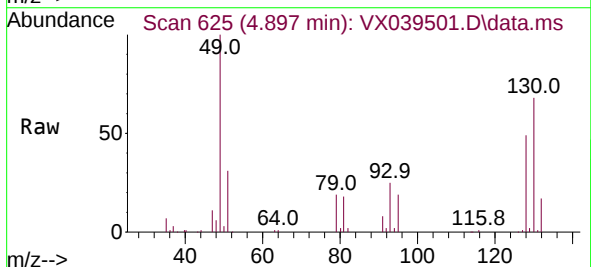
Instrument :
MSVOA_X
ClientSampleId :

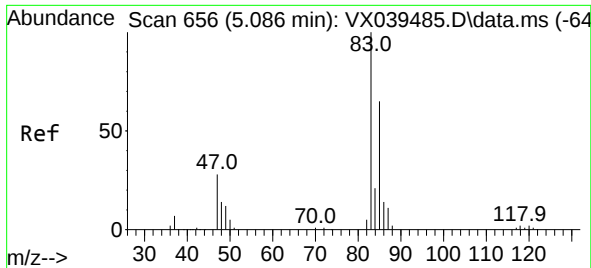
Tgt Ion: 43 Resp: 143102
Ion Ratio Lower Upper
43 100
72 24.2 12.6 37.6



#23
Bromochloromethane
Concen: 40.927 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Tgt Ion:128 Resp: 30410
Ion Ratio Lower Upper
128 100
49 203.3 130.8 243.0
130 138.2 90.6 168.3
51 64.0 49.8 74.8

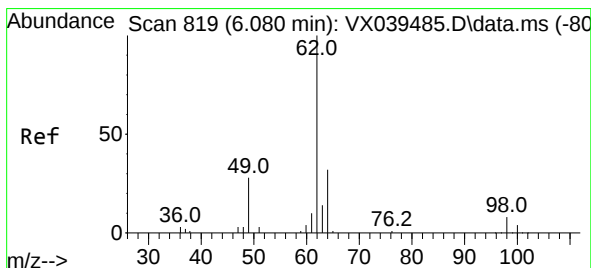
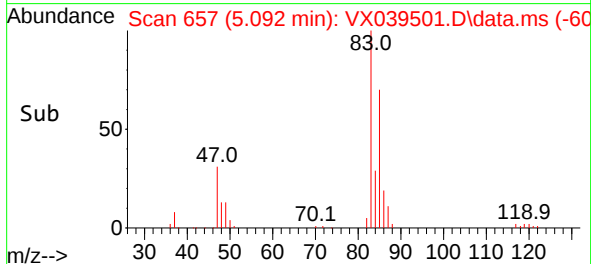
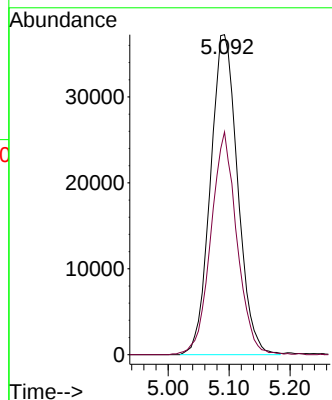
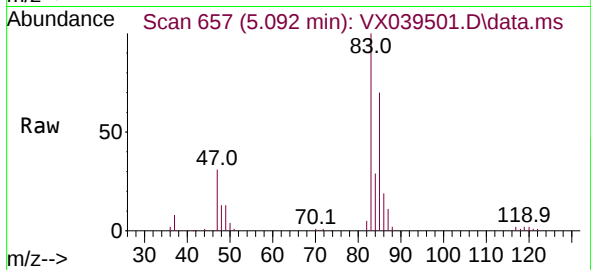




#25
Chloroform
Concen: 43.032 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

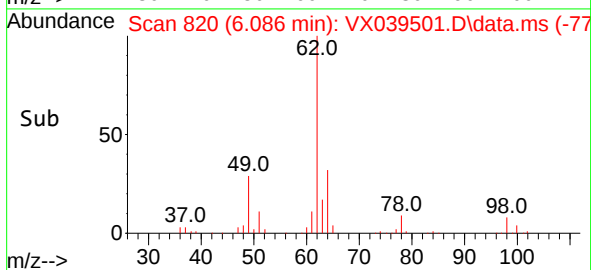
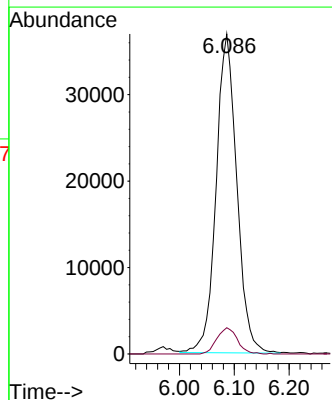
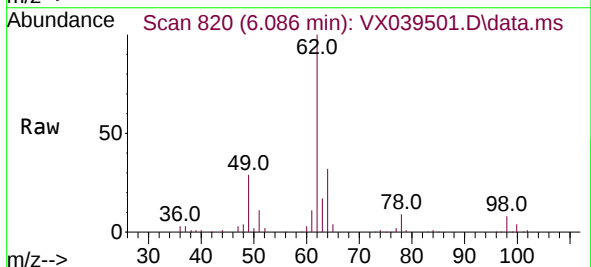
Instrument :
MSVOA_X
ClientSampleId :

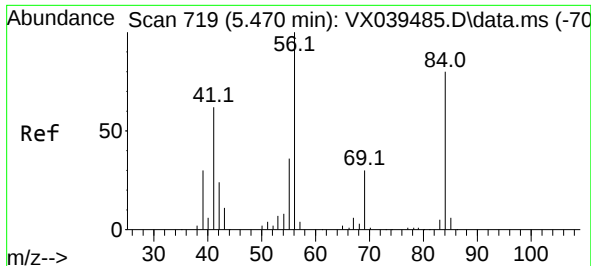
Tgt Ion: 83 Resp: 115653
Ion Ratio Lower Upper
83 100
85 69.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 45.598 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

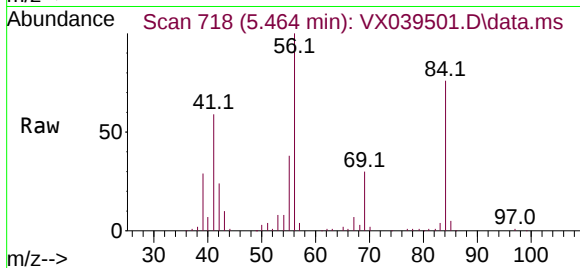
Tgt Ion: 62 Resp: 96724
Ion Ratio Lower Upper
62 100
98 8.2 8.0 12.0



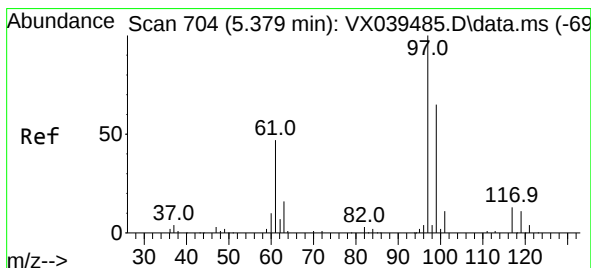
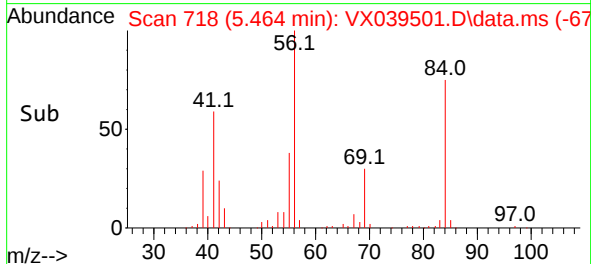
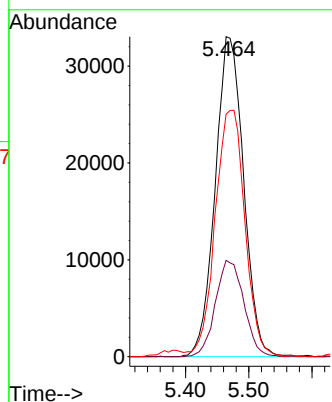


#29
Cyclohexane
Concen: 39.370 ug/L
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Instrument :
MSVOA_X
ClientSampleId :

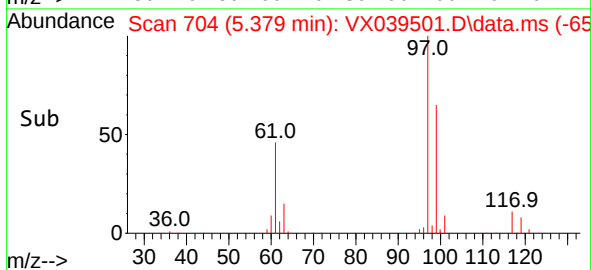
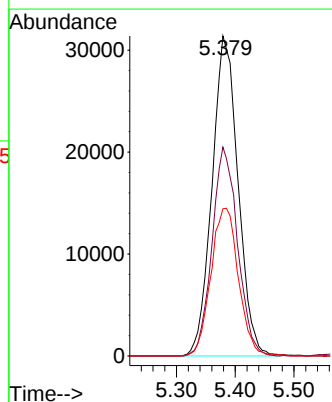
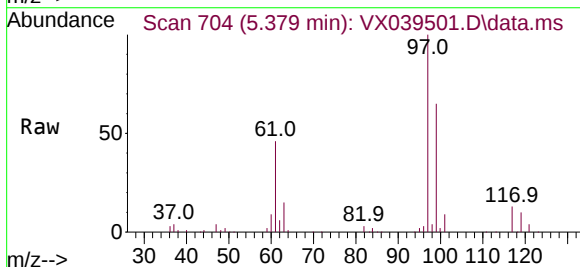


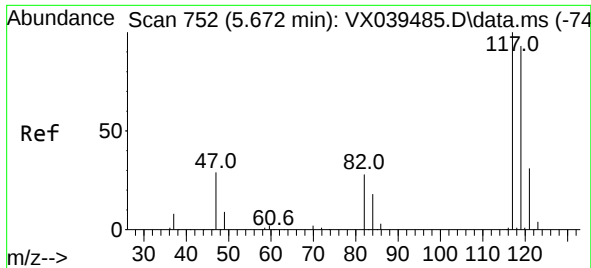
Tgt Ion: 56 Resp: 102660
Ion Ratio Lower Upper
56 100
69 30.1 24.5 36.7
84 80.7 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 42.704 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Tgt Ion: 97 Resp: 96584
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 48.6 36.7 55.1

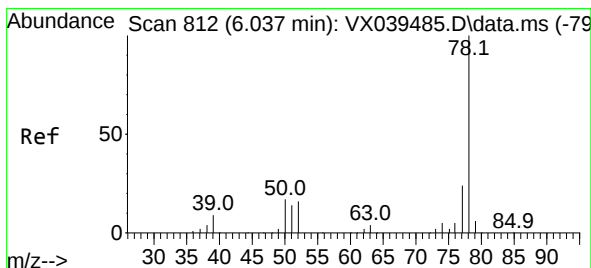
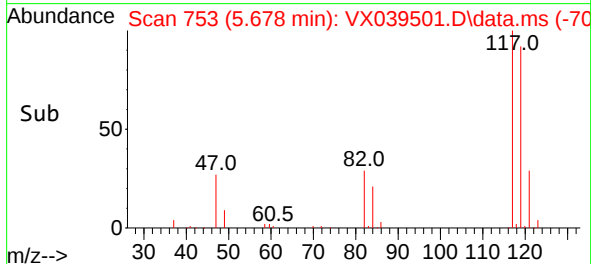
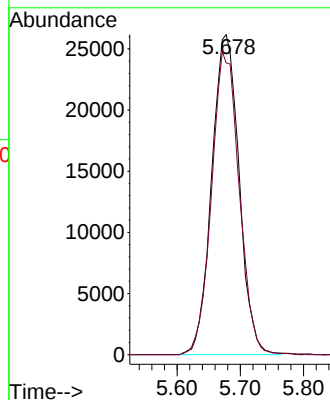
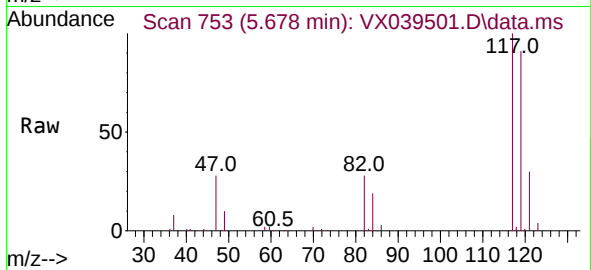




#31
Carbon tetrachloride
Concen: 41.603 ug/L
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

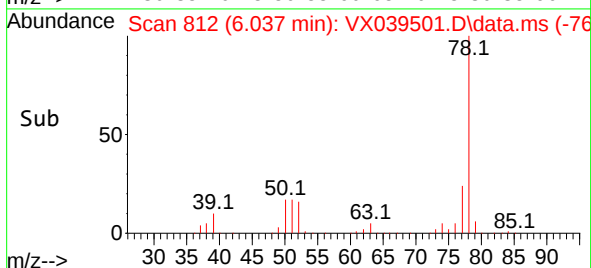
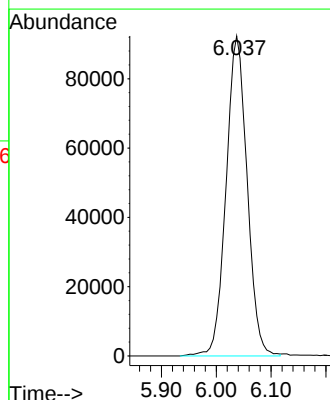
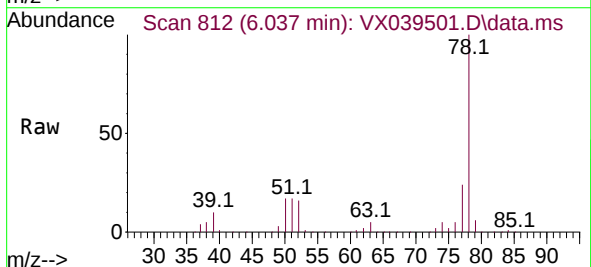
Instrument :
MSVOA_X
ClientSampleId :

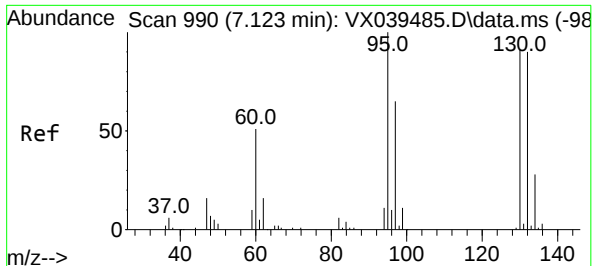
Tgt Ion:117 Resp: 78503
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4



#33
Benzene
Concen: 41.620 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

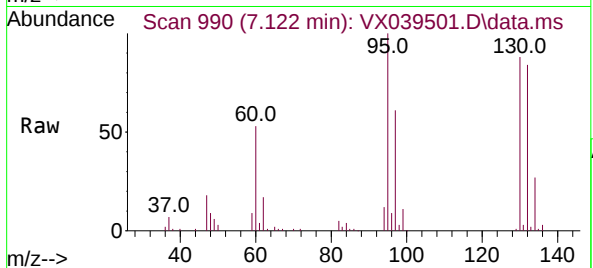
Tgt Ion: 78 Resp: 246546



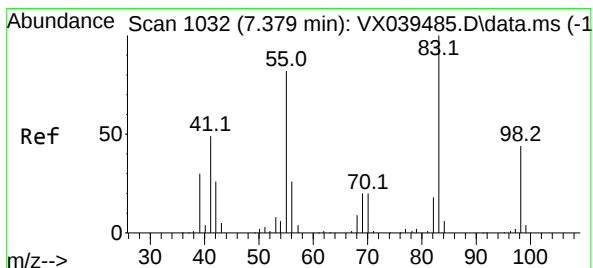
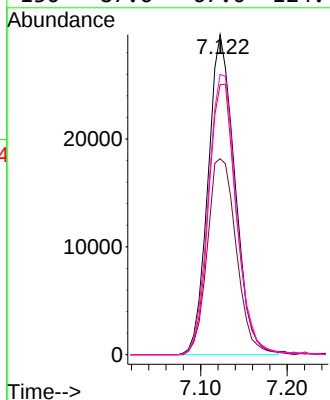
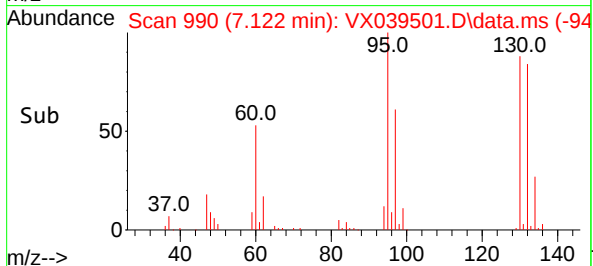


#34
Trichloroethene
Concen: 40.884 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

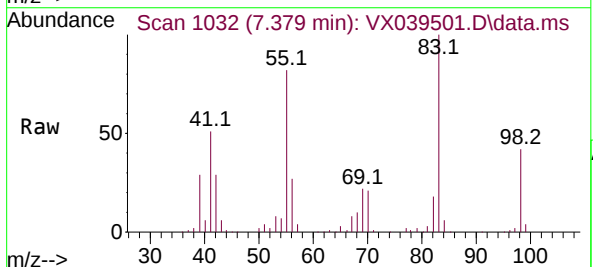
Instrument :
MSVOA_X
ClientSampleId :



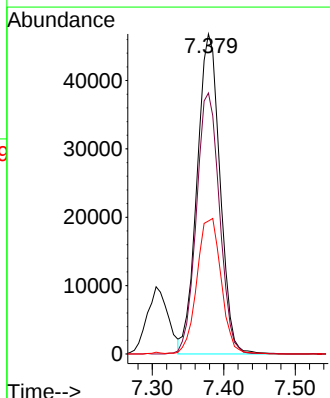
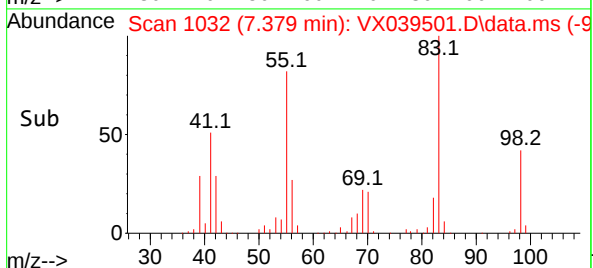
Tgt Ion: 95 Resp: 64004
Ion Ratio Lower Upper
95 100
97 61.3 45.5 84.5
132 84.3 62.2 115.4
130 87.6 67.0 124.4

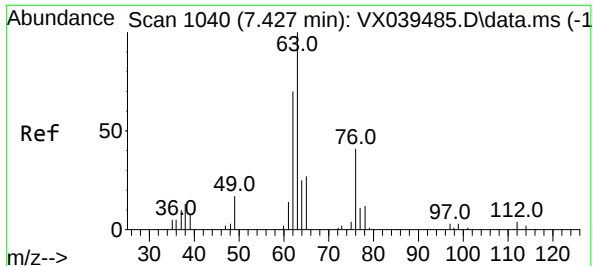


#35
Methylcyclohexane
Concen: 39.961 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56



Tgt Ion: 83 Resp: 104190
Ion Ratio Lower Upper
83 100
55 82.2 62.5 93.7
98 44.8 36.1 54.1





#37

1,2-Dichloropropane

Concen: 42.498 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

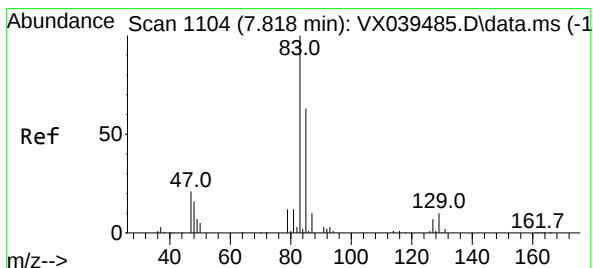
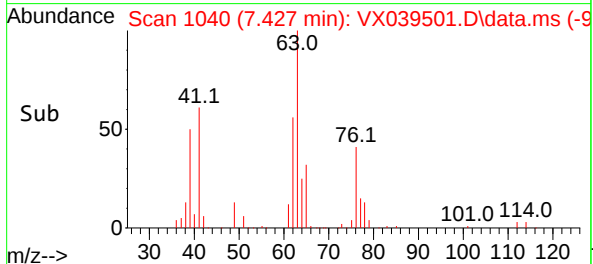
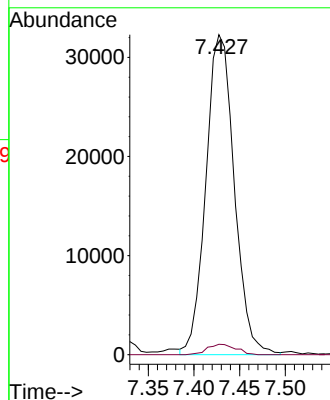
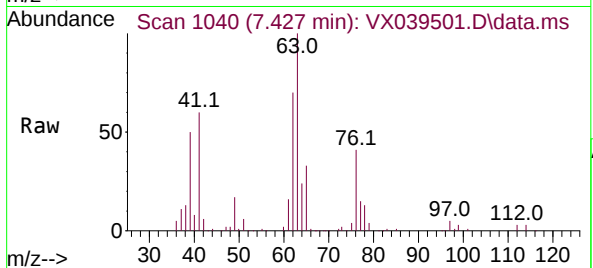
ClientSampleId :

Tgt Ion: 63 Resp: 69820

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 42.651 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

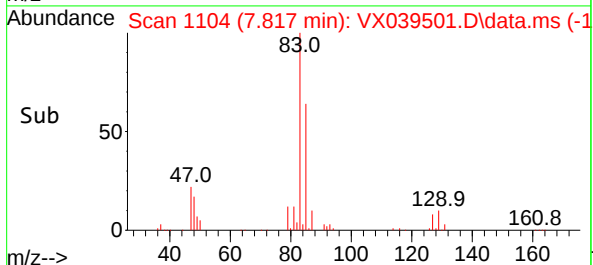
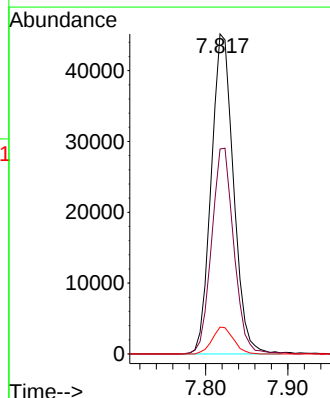
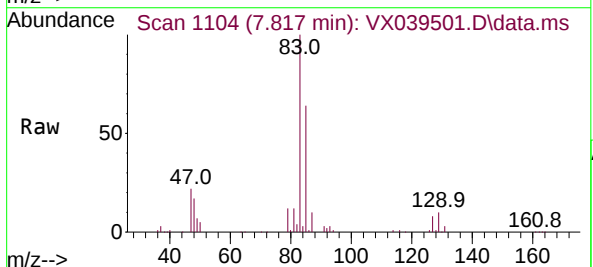
Tgt Ion: 83 Resp: 85227

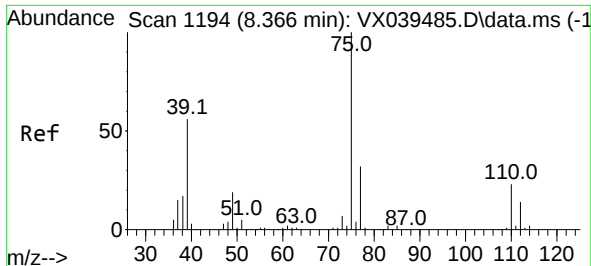
Ion Ratio Lower Upper

83 100

85 64.0 43.3 80.5

127 8.4 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 40.033 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

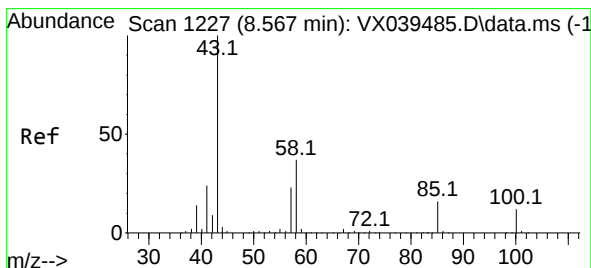
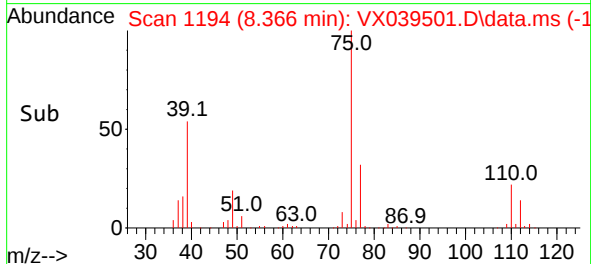
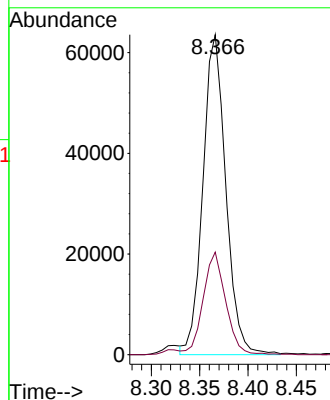
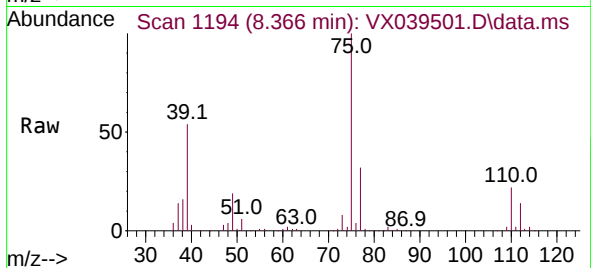
ClientSampleId :

Tgt Ion: 75 Resp: 104898

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 89.672 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

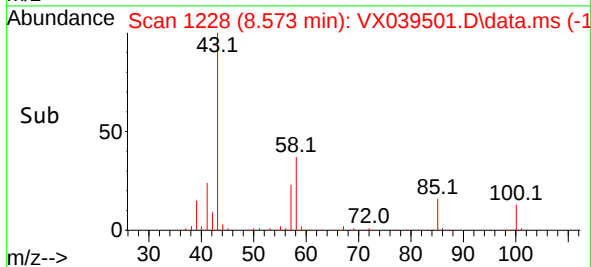
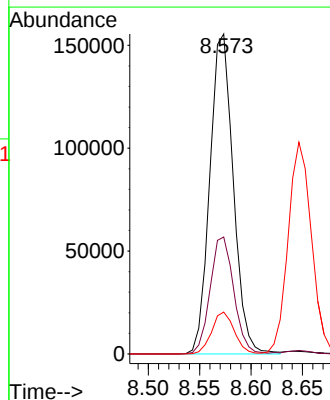
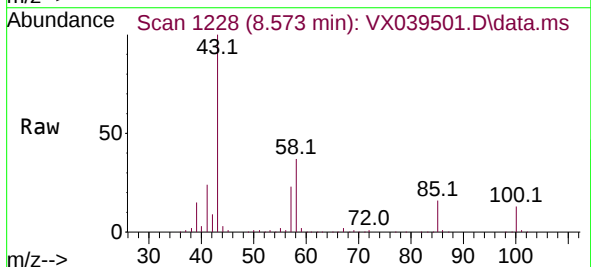
Tgt Ion: 43 Resp: 246907

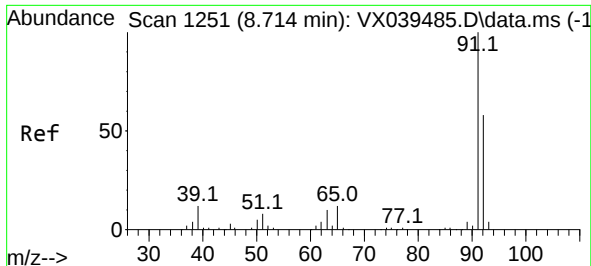
Ion Ratio Lower Upper

43 100

58 36.9 30.9 46.3

100 12.7 10.6 16.0





#42

Toluene

Concen: 41.451 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

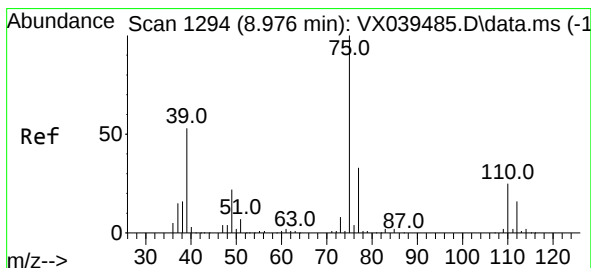
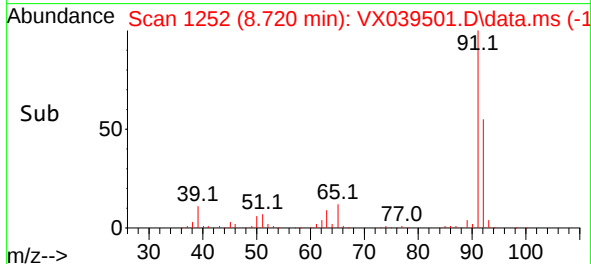
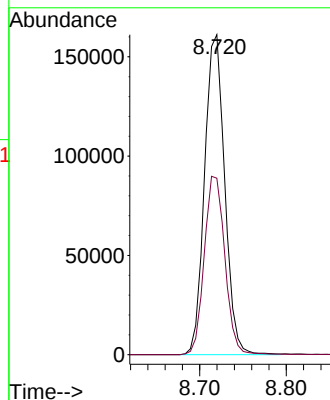
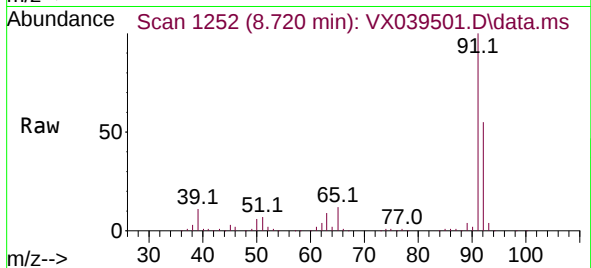
ClientSampleId :

Tgt Ion: 91 Resp: 260385

Ion Ratio Lower Upper

91 100

92 55.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 40.477 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039501.D

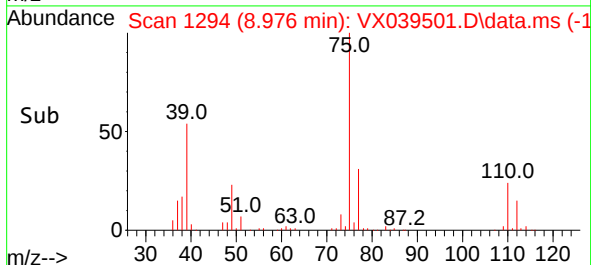
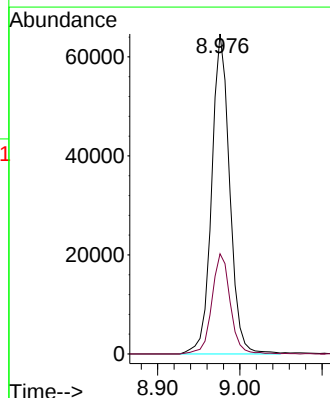
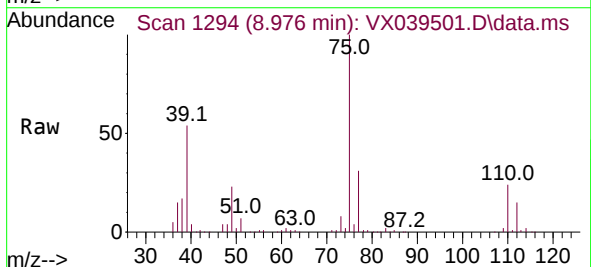
Acq: 27 Dec 2023 17:56

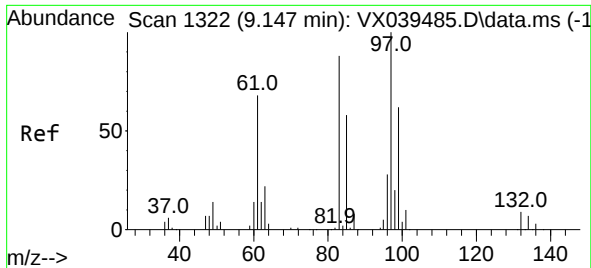
Tgt Ion: 75 Resp: 98423

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8

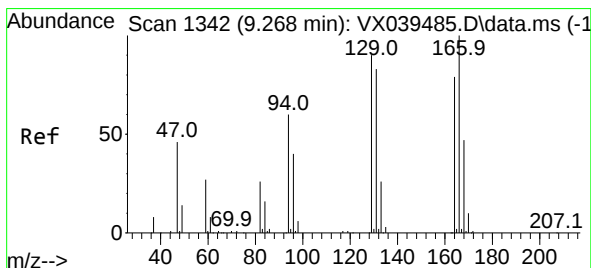
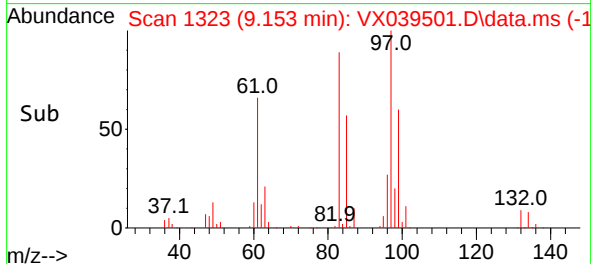
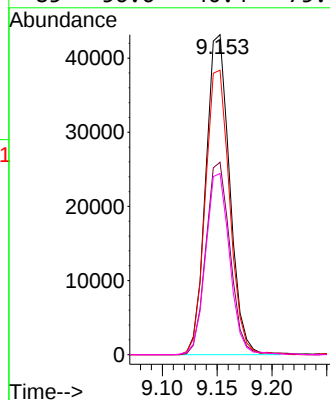
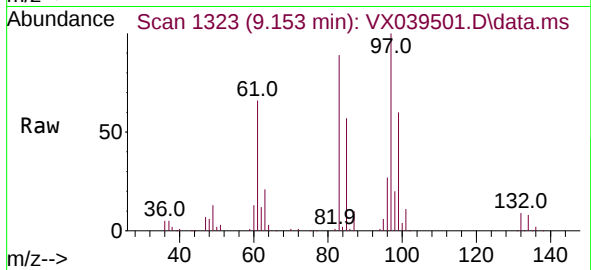




#45
1,1,2-Trichloroethane
Concen: 43.469 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

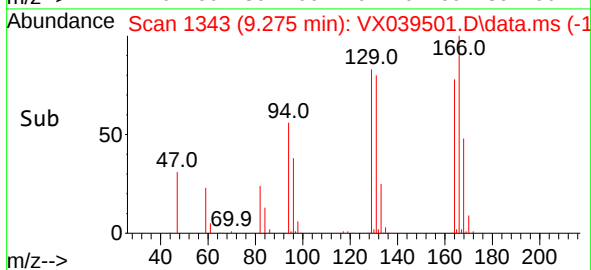
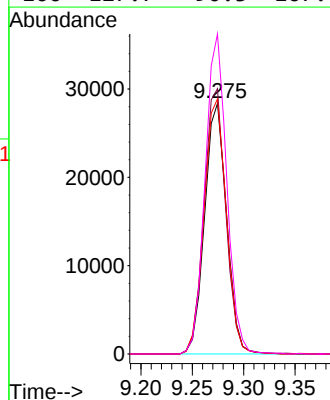
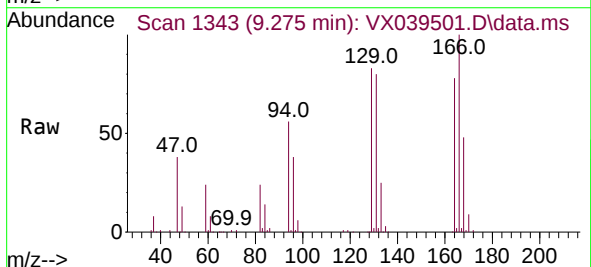
Instrument :
MSVOA_X
ClientSampleId :

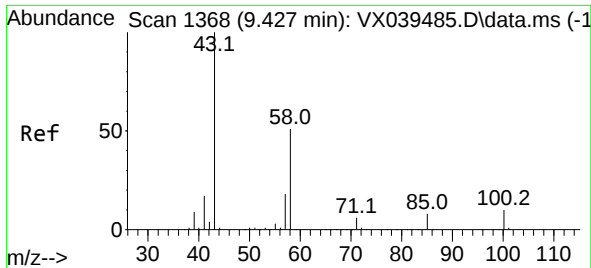
Tgt Ion: 97	Resp: 65446
Ion Ratio	Lower Upper
97 100	
99 60.2	43.1 80.1
83 88.9	64.0 118.8
85 56.6	40.4 75.0



#46
Tetrachloroethene
Concen: 40.878 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

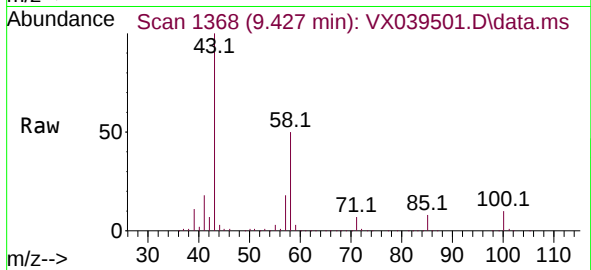
Tgt	Ion:164	Resp:	42216
Ion	Ratio	Lower	Upper
164	100		
129	105.8	71.9	133.5
131	101.7	69.5	129.1
166	127.7	90.3	167.7





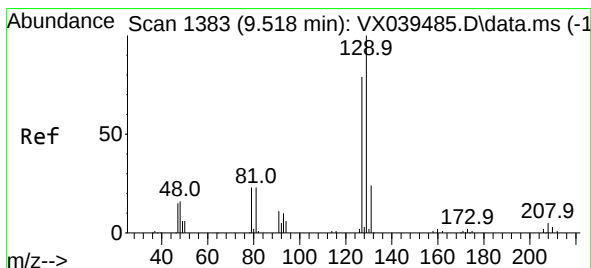
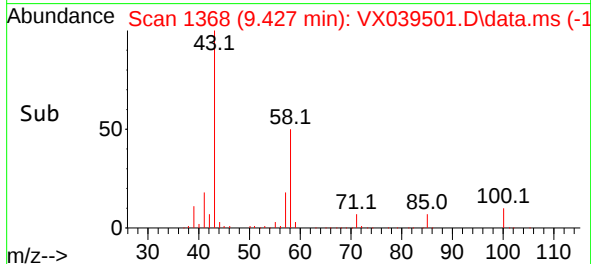
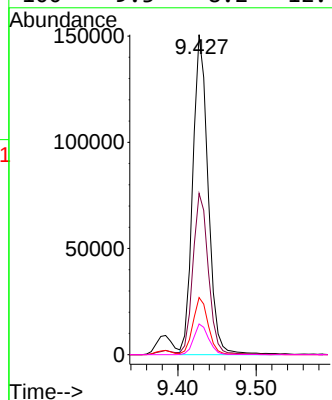
#48
2-Hexanone
Concen: 89.414 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 206057

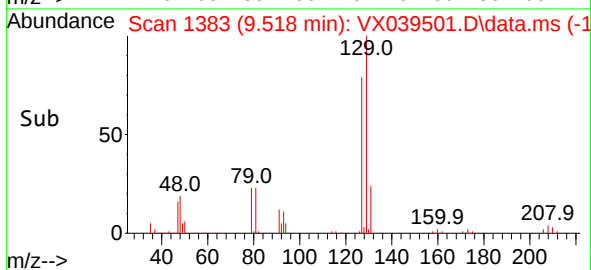
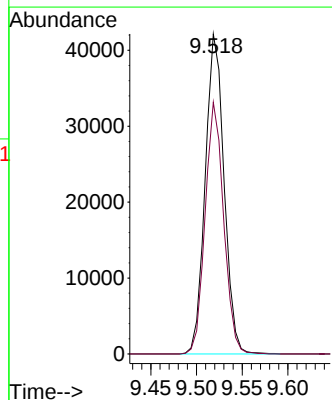
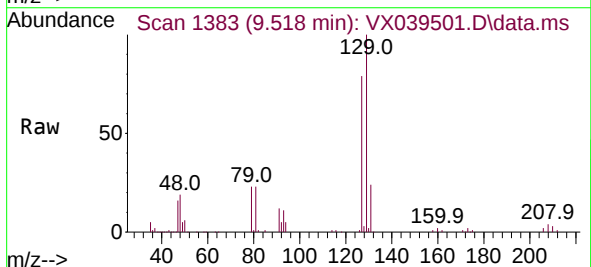
Ion	Ratio	Lower	Upper
43	100		
58	50.1	43.0	64.6
57	17.2	14.6	21.8
100	9.3	8.2	12.4

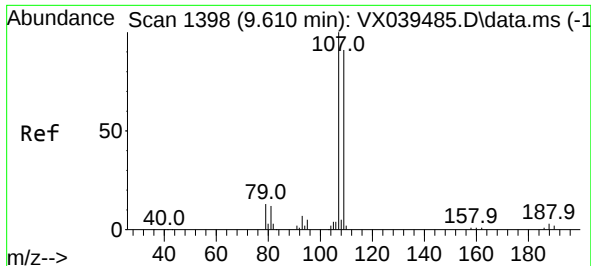


#49
Dibromochloromethane
Concen: 41.125 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Tgt Ion: 129 Resp: 60321

Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.2	102.4

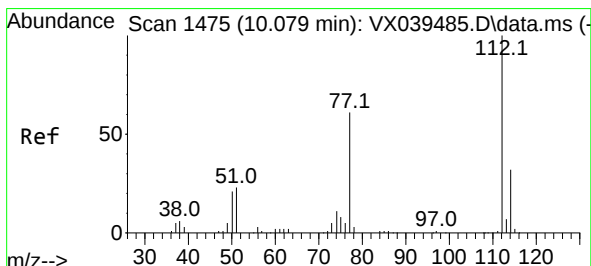
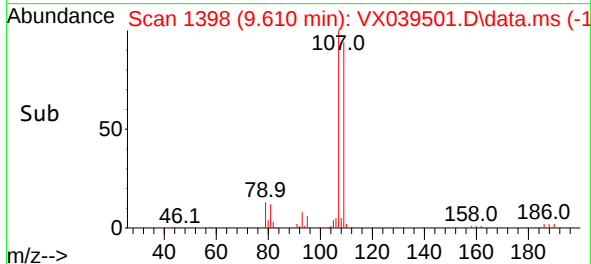
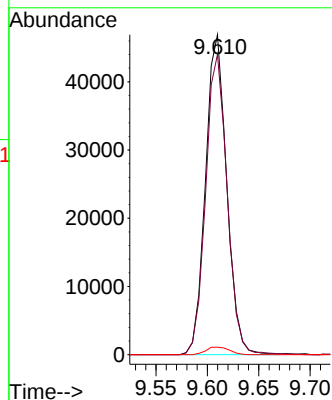
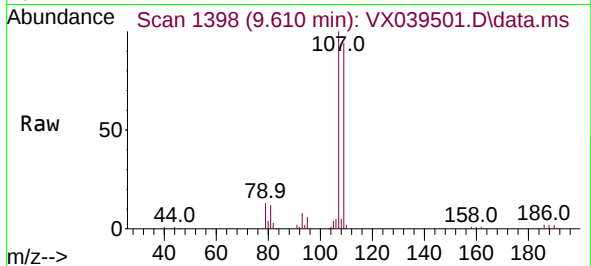




#50
1,2-Dibromoethane
Concen: 41.716 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

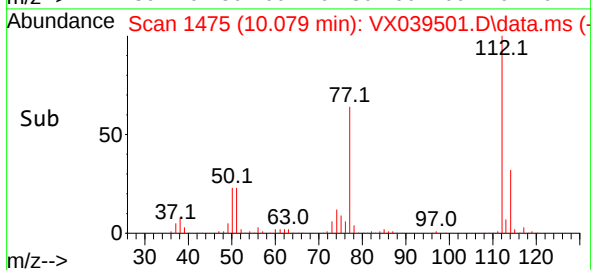
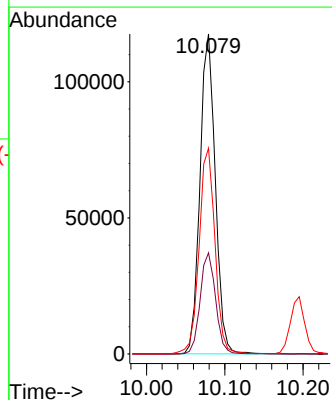
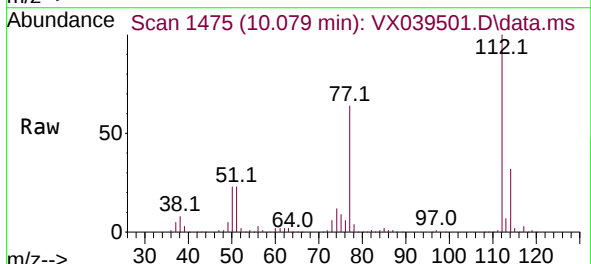
Instrument :
MSVOA_X
ClientSampleId :

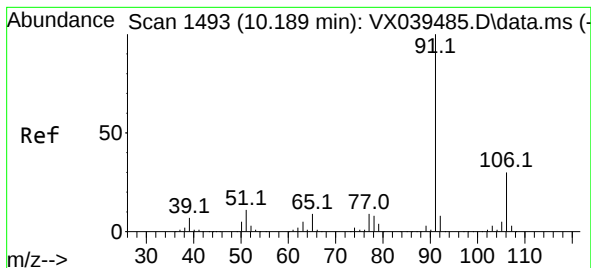
Tgt Ion:107 Resp: 67287
Ion Ratio Lower Upper
107 100
109 93.8 65.2 121.0
188 2.4 2.5 3.7#



#51
Chlorobenzene
Concen: 41.223 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Tgt Ion:112 Resp: 159954
Ion Ratio Lower Upper
112 100
114 31.6 21.8 40.4
77 64.3 49.0 73.6

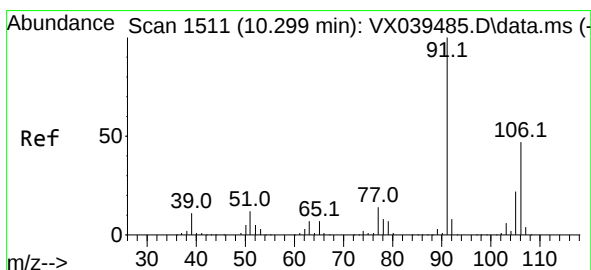
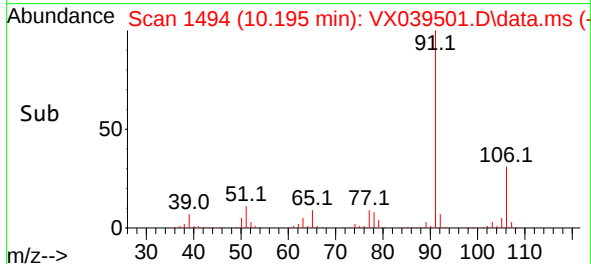
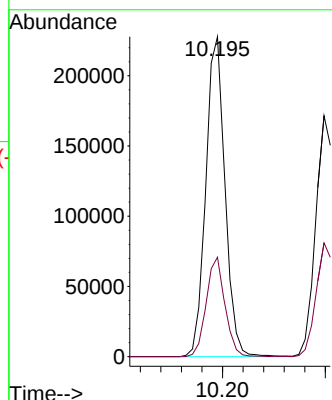
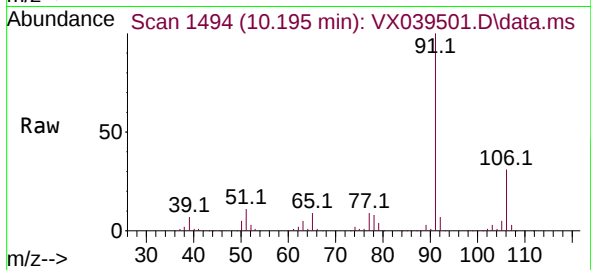




#52
Ethylbenzene
Concen: 42.179 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

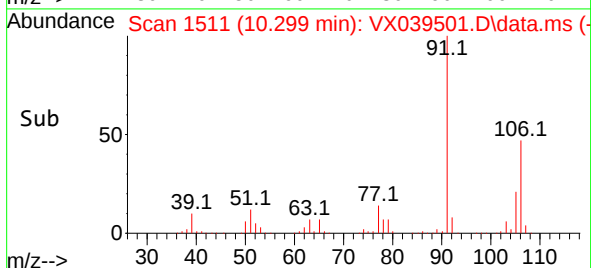
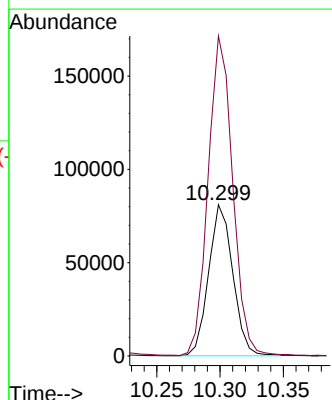
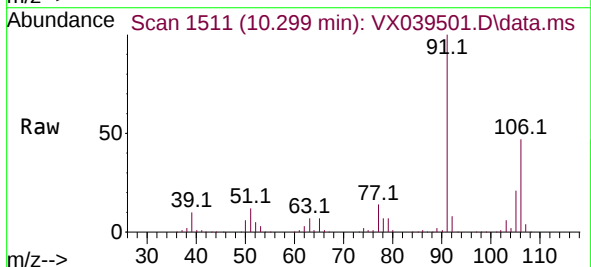
Instrument :
MSVOA_X
ClientSampleId :

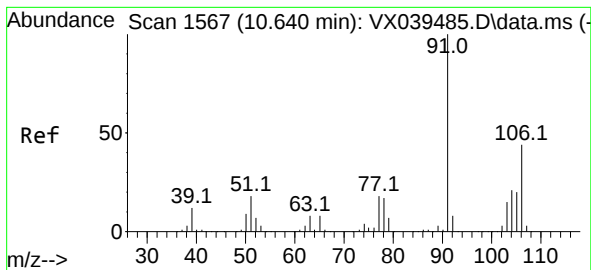
Tgt Ion: 91 Resp: 296210
Ion Ratio Lower Upper
91 100
106 31.1 21.2 39.4



#53
m,p-Xylene
Concen: 41.135 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039501.D
Acq: 27 Dec 2023 17:56

Tgt Ion:106 Resp: 108008
Ion Ratio Lower Upper
106 100
91 211.7 149.0 276.8





#54

o-Xylene

Concen: 41.793 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

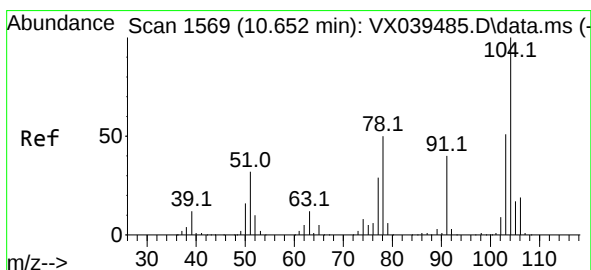
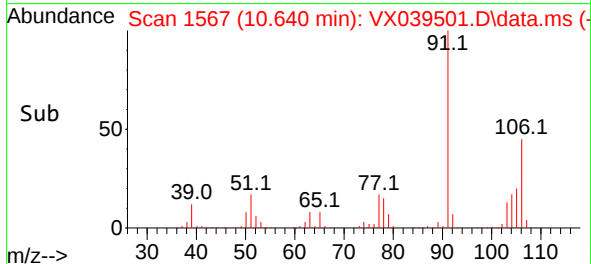
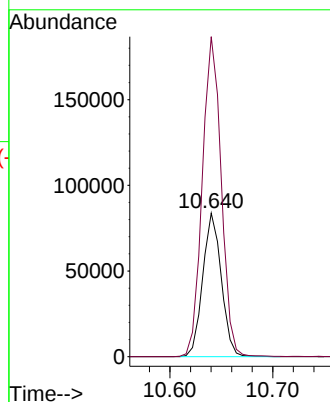
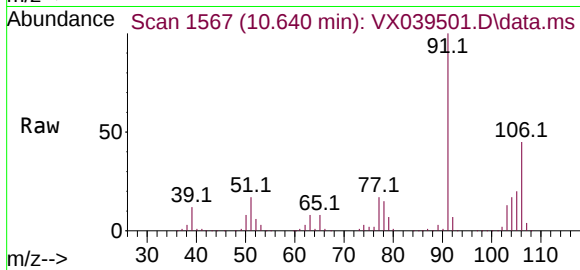
ClientSampleId :

Tgt Ion:106 Resp: 105298

Ion Ratio Lower Upper

106 100

91 222.9 156.2 290.0



#55

Styrene

Concen: 42.592 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039501.D

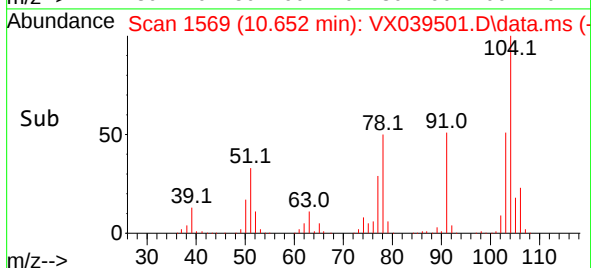
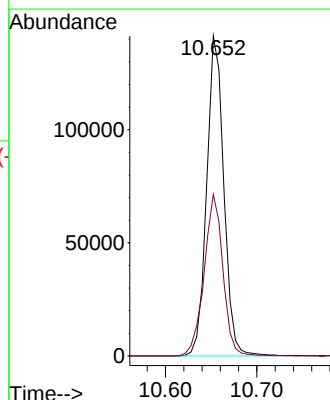
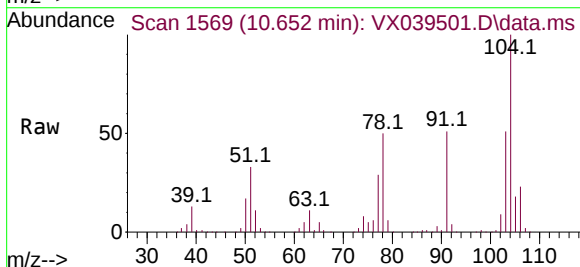
Acq: 27 Dec 2023 17:56

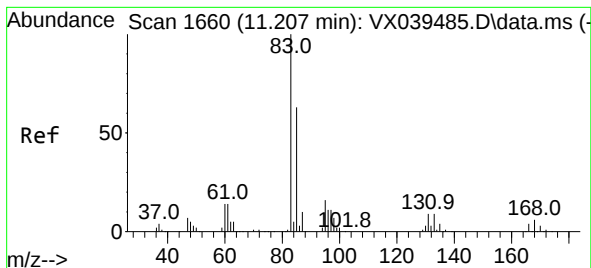
Tgt Ion:104 Resp: 183612

Ion Ratio Lower Upper

104 100

78 50.5 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 43.359 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

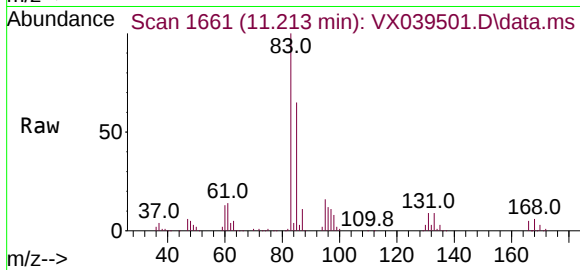
Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :



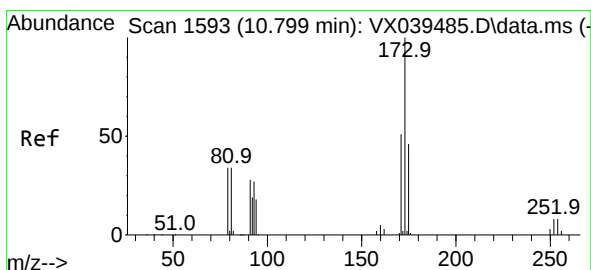
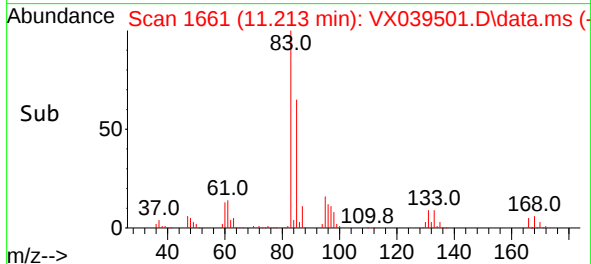
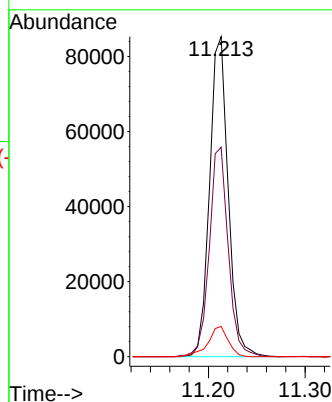
Tgt Ion: 83 Resp: 113929

Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0

131 9.4 7.2 10.8



#59

Bromoform

Concen: 39.637 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

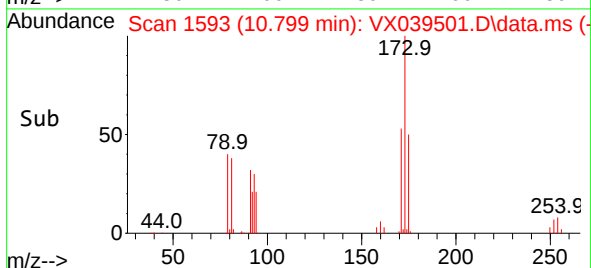
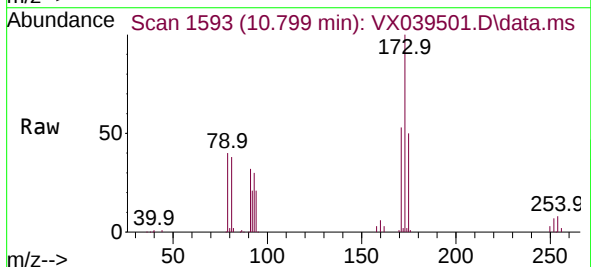
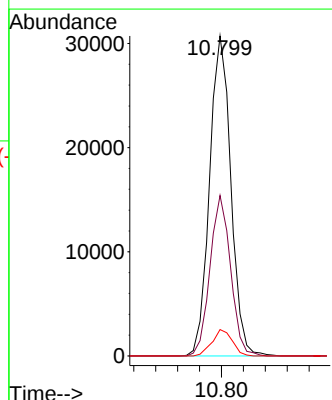
Tgt Ion: 173 Resp: 41435

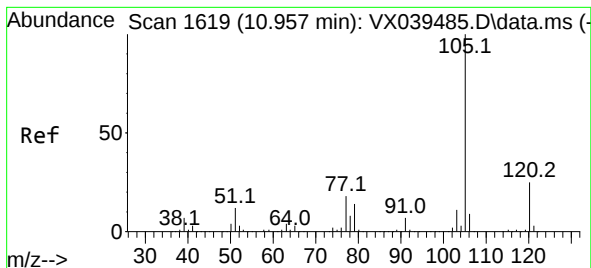
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

254 7.8 6.2 9.2





#60

Isopropylbenzene

Concen: 44.622 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

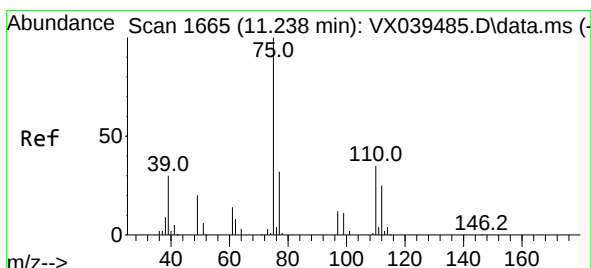
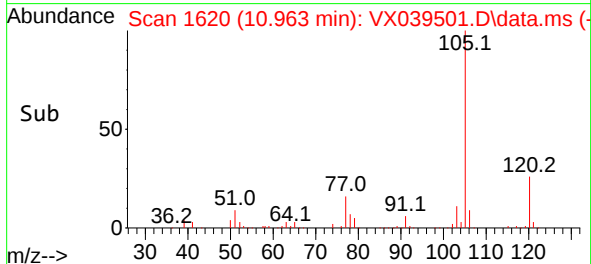
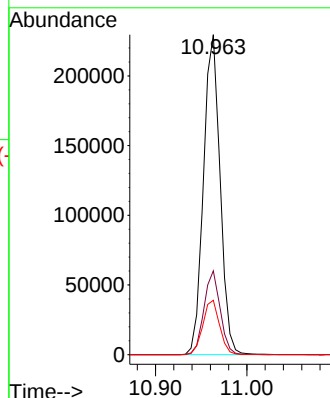
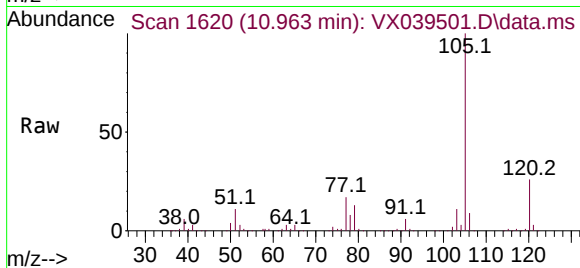
Tgt Ion:105 Resp: 290017

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 17.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 45.974 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

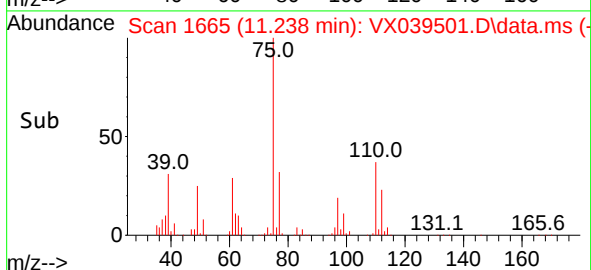
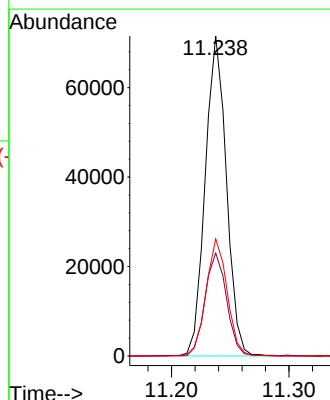
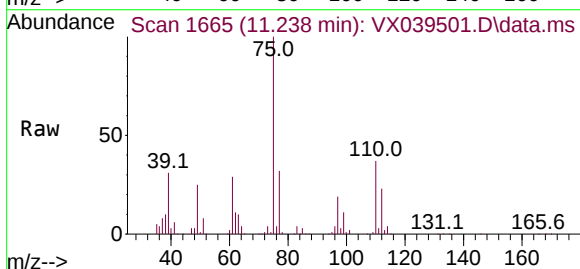
Tgt Ion: 75 Resp: 89580

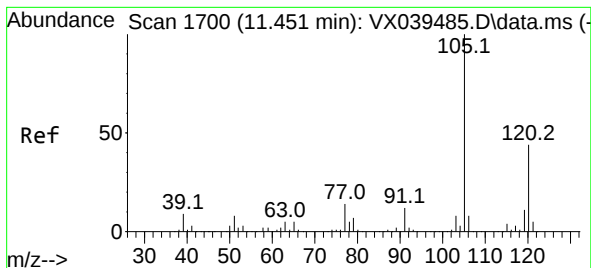
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

110 36.4 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 44.527 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

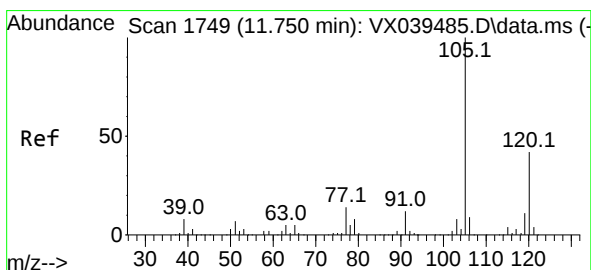
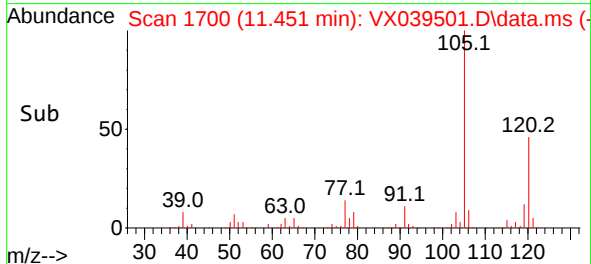
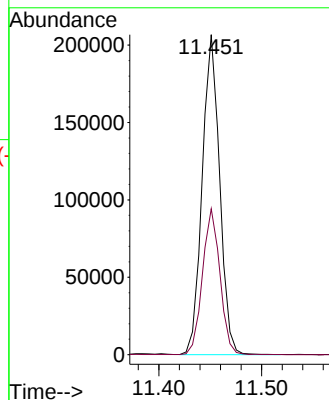
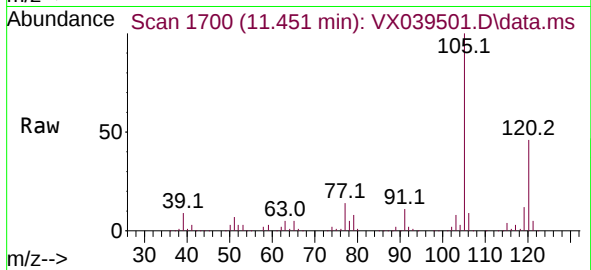
ClientSampleId :

Tgt Ion:105 Resp: 244327

Ion Ratio Lower Upper

105 100

120 45.6 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 44.538 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039501.D

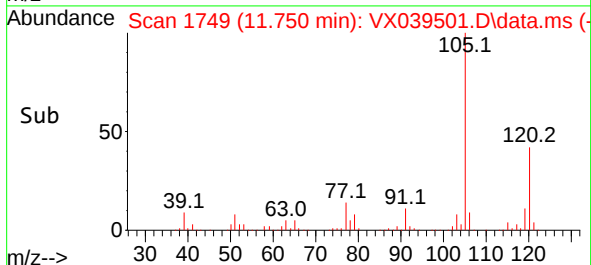
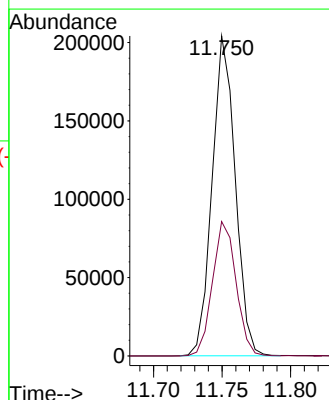
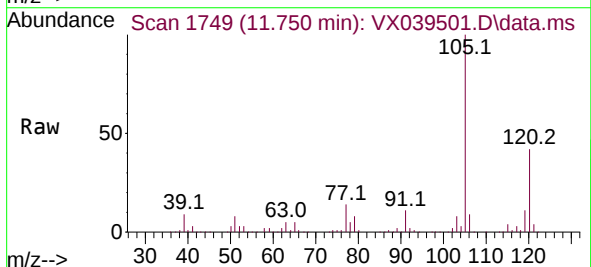
Acq: 27 Dec 2023 17:56

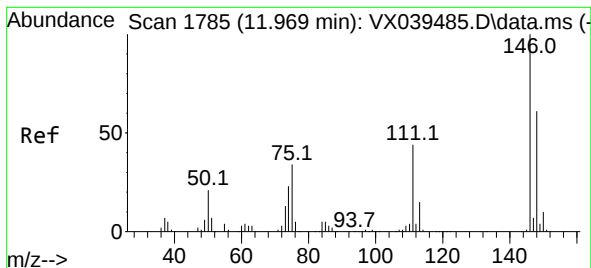
Tgt Ion:105 Resp: 239635

Ion Ratio Lower Upper

105 100

120 42.9 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 43.455 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

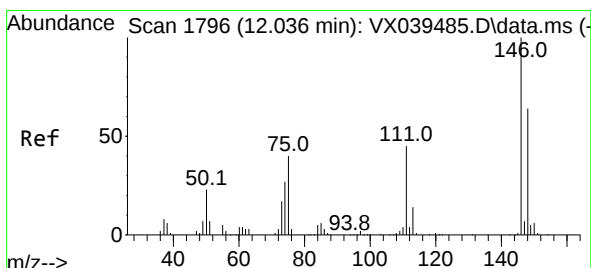
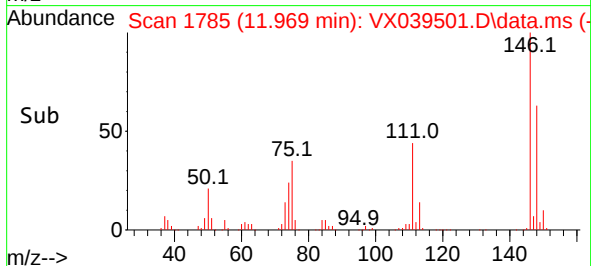
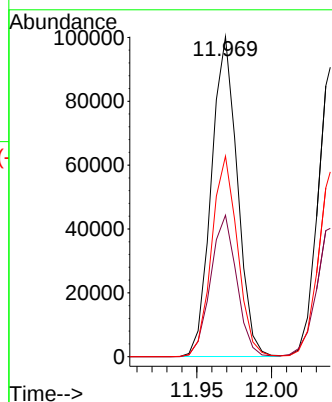
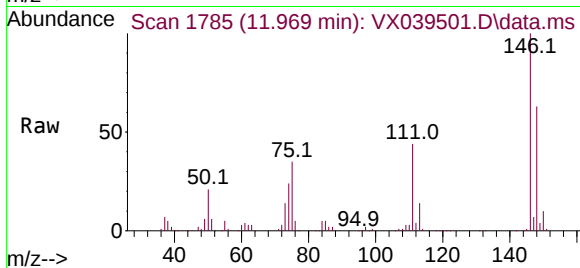
Tgt Ion:146 Resp: 120886

Ion Ratio Lower Upper

146 100

111 44.2 30.0 55.6

148 62.7 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 42.868 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

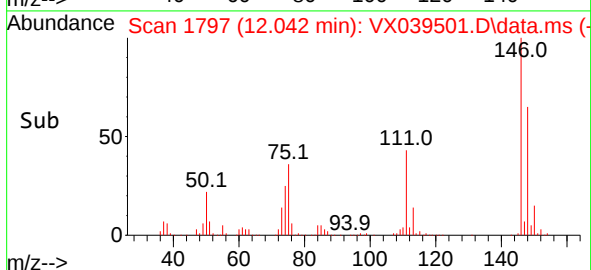
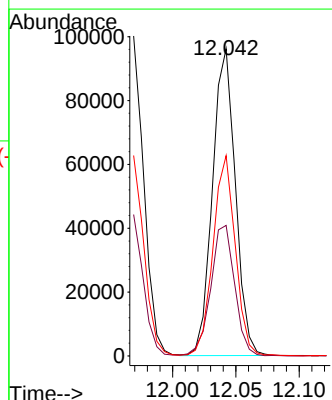
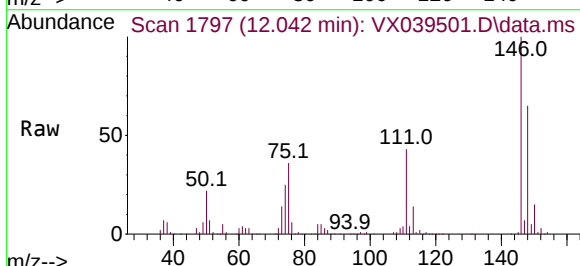
Tgt Ion:146 Resp: 120844

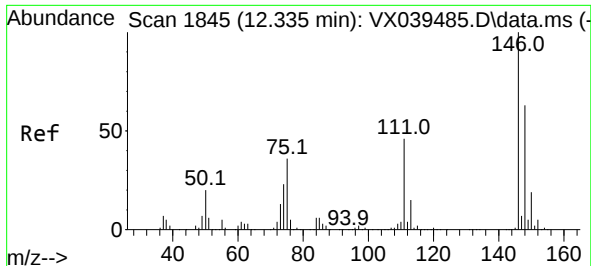
Ion Ratio Lower Upper

146 100

111 42.5 29.7 55.1

148 65.2 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 44.215 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

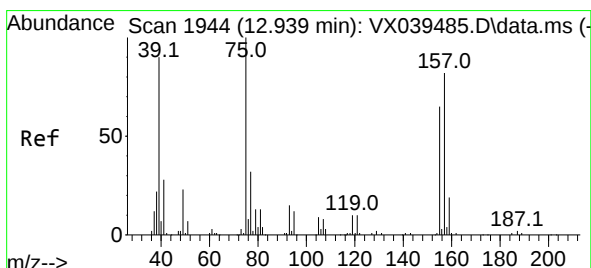
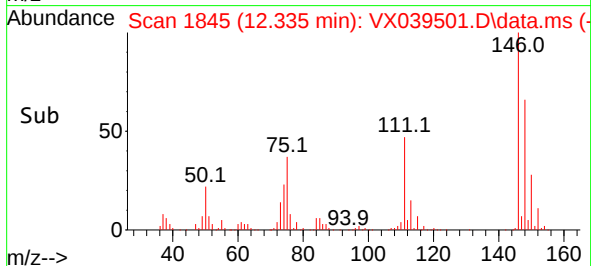
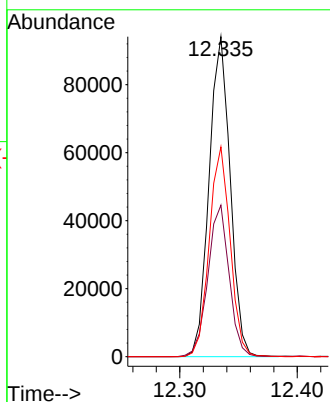
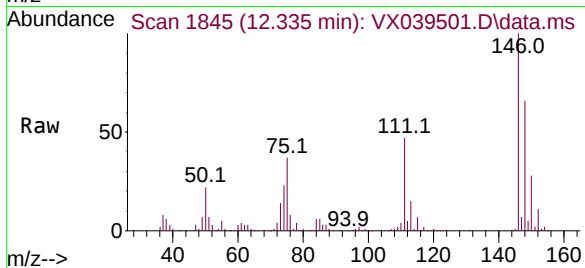
Tgt Ion:146 Resp: 117659

Ion Ratio Lower Upper

146 100

111 47.3 36.4 54.6

148 65.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 43.642 ug/L

RT: 12.938 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

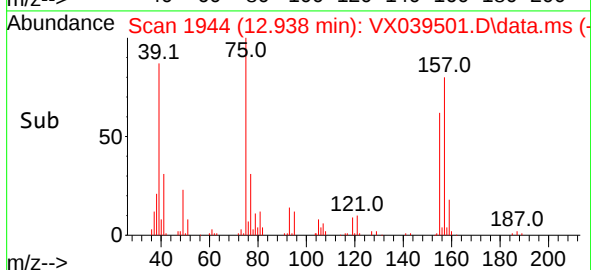
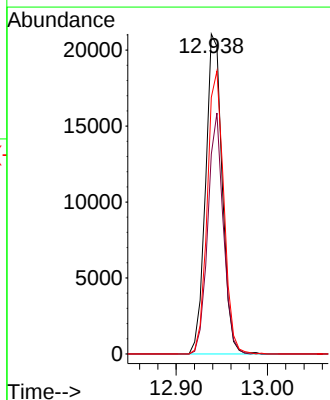
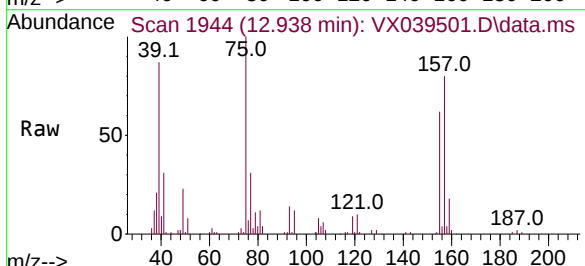
Tgt Ion: 75 Resp: 26539

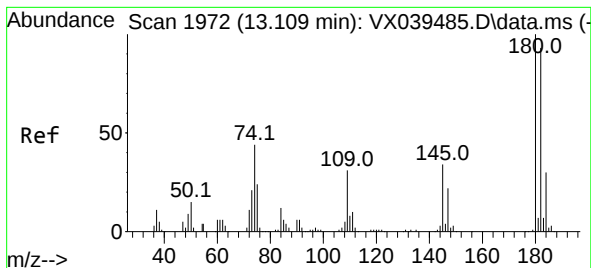
Ion Ratio Lower Upper

75 100

155 62.4 52.3 78.5

157 80.2 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 44.075 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 81087

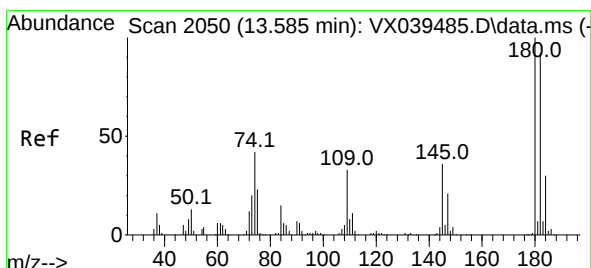
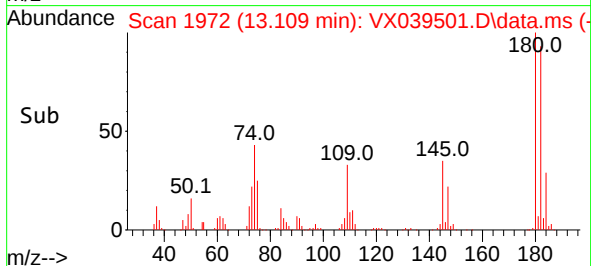
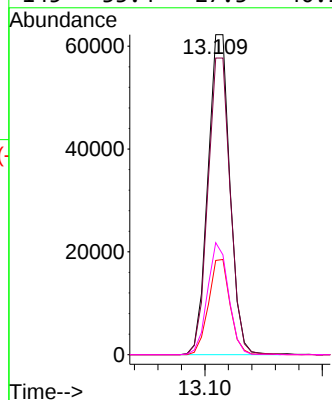
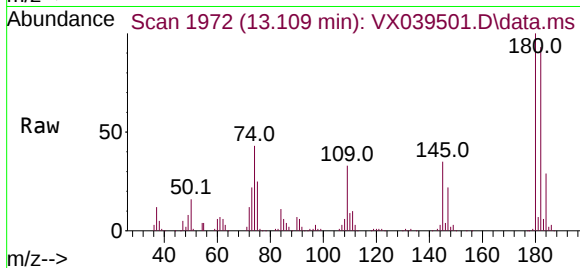
Ion Ratio Lower Upper

180 100

182 93.7 76.1 114.1

184 29.0 24.1 36.1

145 33.4 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 41.936 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

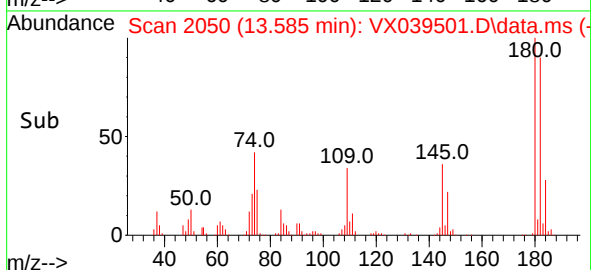
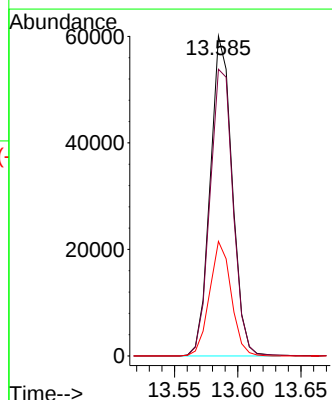
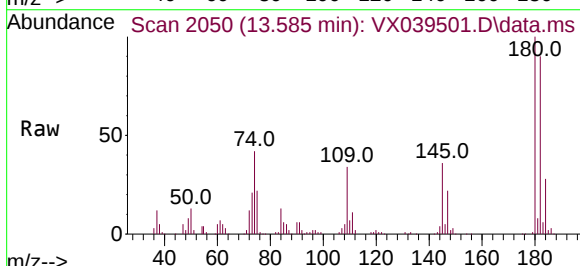
Tgt Ion:180 Resp: 72731

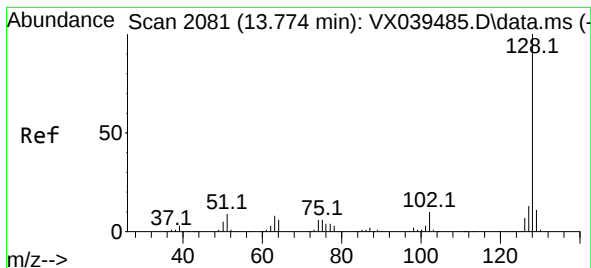
Ion Ratio Lower Upper

180 100

182 93.6 76.8 115.2

145 35.2 27.8 41.6





#71

Naphthalene

Concen: 43.658 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

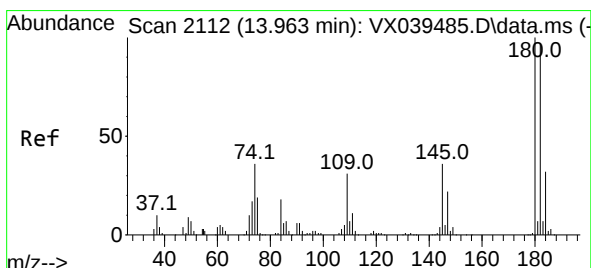
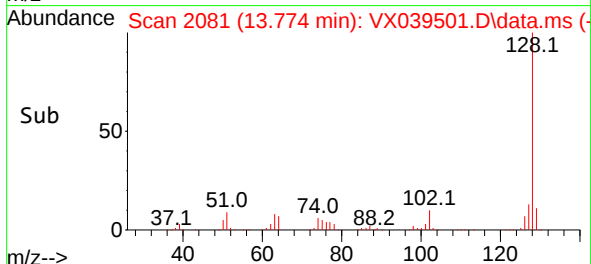
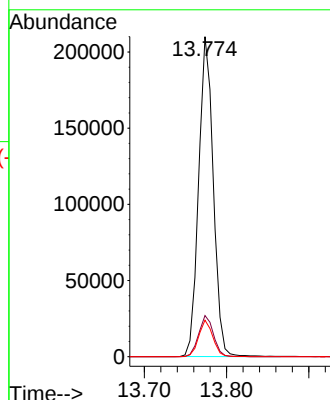
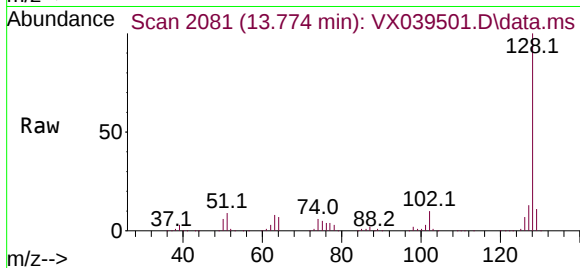
Tgt Ion:128 Resp: 259679

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 43.460 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039501.D

Acq: 27 Dec 2023 17:56

Tgt Ion:180 Resp: 72983

Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 37.0 28.6 42.8

