

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020823\
 Data File : VX034059.D
 Acq On : 07 Feb 2023 14:20
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050621

Quant Time: Feb 07 20:43:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 07 20:42:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	204508	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	180259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	39638	29.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.200%#
7) Chloroethane-d5	1.666	69	31382	37.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.900%
11) 1,1-Dichloroethene-d2	2.306	63	91965	36.850	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.700%
21) 2-Butanone-d5	4.446	46	72242	92.513	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.510%
24) Chloroform-d	5.056	84	103880	42.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.040%
26) 1,2-Dichloroethane-d4	5.952	65	63492	43.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
32) Benzene-d6	5.970	84	197664	38.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.500%
36) 1,2-Dichloropropane-d6	7.305	67	61398	40.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.380%
41) Toluene-d8	8.647	98	186031	37.952	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.900%#
43) trans-1,3-Dichloroprop...	8.945	79	27249	39.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.620%
47) 2-Hexanone-d5	9.384	63	53854	94.007	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	86402	45.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.220%
66) 1,2-Dichlorobenzene-d4	12.317	152	85007	42.053	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68395	44.953	ug/L	99
3) Chloromethane	1.294	50	54930	39.553	ug/L	98
5) Vinyl chloride	1.373	62	54243	38.626	ug/L	97
6) Bromomethane	1.605	94	35427	48.649	ug/L	100
8) Chloroethane	1.684	64	31557	42.272	ug/L	96
9) Trichlorofluoromethane	1.892	101	90903	45.671	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	62478	45.391	ug/L	98
12) 1,1-Dichloroethene	2.318	96	54434	43.231	ug/L	95
13) Acetone	2.373	43	50659	63.057	ug/L	100
14) Carbon disulfide	2.514	76	134570	39.487	ug/L	100
15) Methyl Acetate	2.696	43	54477	42.563	ug/L	98
16) Methylene chloride	2.788	84	59207	44.404	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	56768	43.674	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	172790	45.657	ug/L	99
19) 1,1-Dichloroethane	3.611	63	101874	44.909	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	67024	45.121	ug/L	94
22) 2-Butanone	4.550	43	77454	77.596	ug/L	99
23) Bromochloromethane	4.897	128	36676	44.977	ug/L	97
25) Chloroform	5.092	83	110411	47.133	ug/L	97

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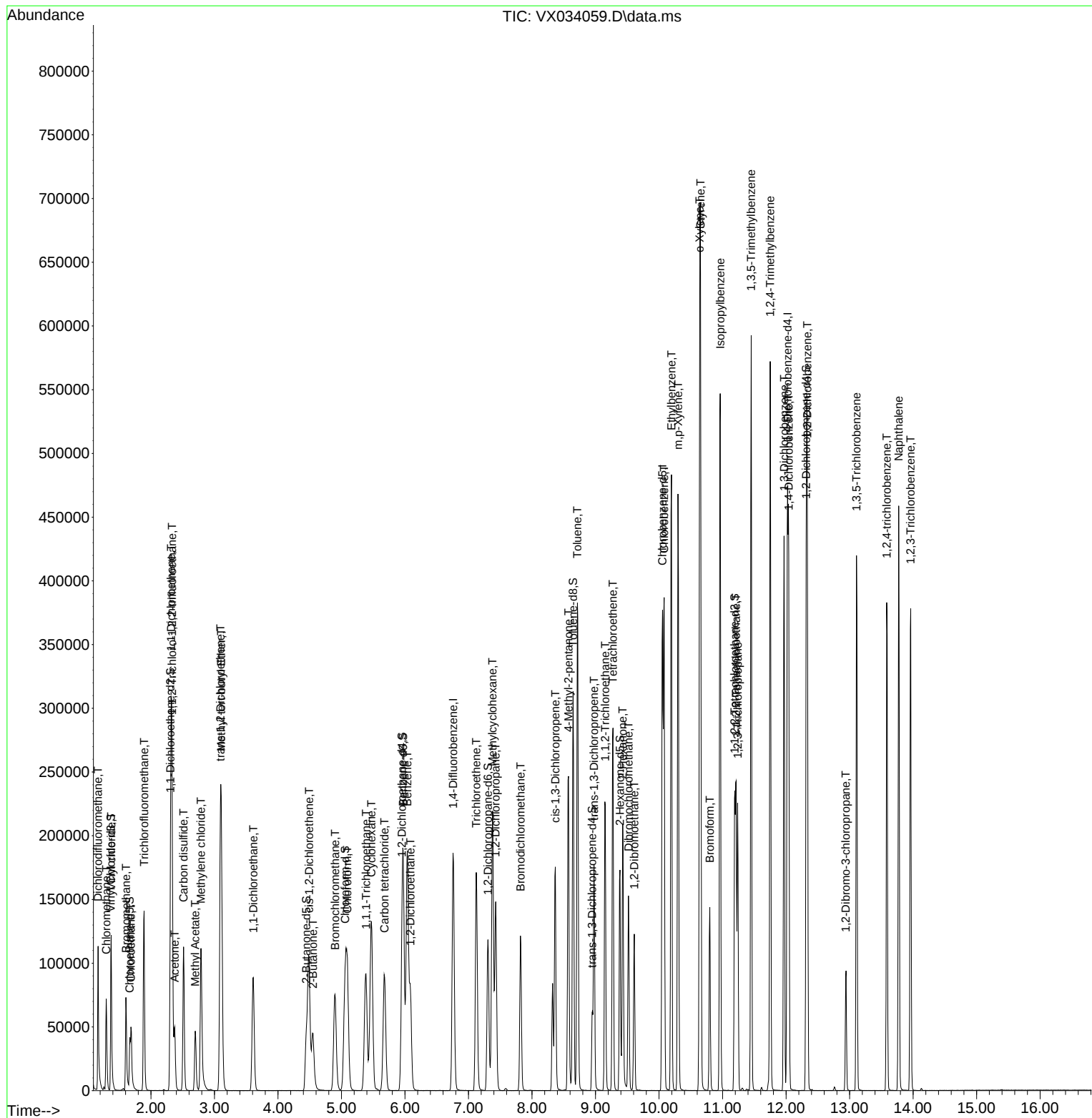
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	85705	47.669	ug/L	99
29) Cyclohexane	5.470	56	94150	42.704	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	93973	46.124	ug/L	99
31) Carbon tetrachloride	5.678	117	85605	45.161	ug/L	99
33) Benzene	6.037	78	235272	43.892	ug/L	100
34) Trichloroethene	7.122	95	64472	44.380	ug/L	98
35) Methylcyclohexane	7.378	83	102682	44.327	ug/L	99
37) 1,2-Dichloropropane	7.427	63	59489	43.574	ug/L	99
38) Bromodichloromethane	7.817	83	78290	45.099	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	94551	45.121	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	150352	89.491	ug/L	99
42) Toluene	8.714	91	256641	44.759	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	83942	45.017	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	63235	45.757	ug/L	98
46) Tetrachloroethene	9.274	164	61637	44.192	ug/L	99
48) 2-Hexanone	9.427	43	112541	84.055	ug/L	100
49) Dibromochloromethane	9.518	129	68583	45.994	ug/L	98
50) 1,2-Dibromoethane	9.610	107	67937	45.745	ug/L	98
51) Chlorobenzene	10.079	112	175222	45.233	ug/L	99
52) Ethylbenzene	10.195	91	288831	45.836	ug/L	98
53) m,p-Xylene	10.299	106	116089	45.895	ug/L	97
54) o-Xylene	10.640	106	112814	46.165	ug/L	94
55) Styrene	10.652	104	191833	46.793	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	90295	46.476	ug/L	98
59) Bromoform	10.799	173	54533	44.369	ug/L	99
60) Isopropylbenzene	10.963	105	301873	45.753	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	68794	44.870	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	253760	46.988	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	248875	46.753	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	148560	45.282	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	148830	44.823	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	144135	44.929	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.938	75	17094	45.507	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	113615	45.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	104161	46.375	ug/L	100
71) Naphthalene	13.774	128	289584	46.570	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	103222	46.553	ug/L	99

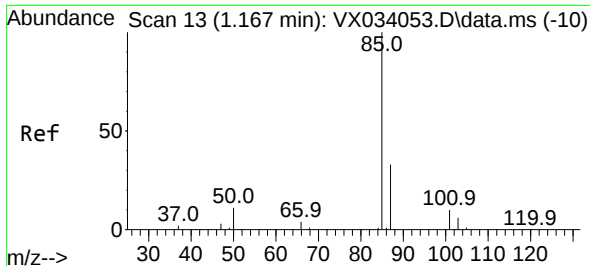
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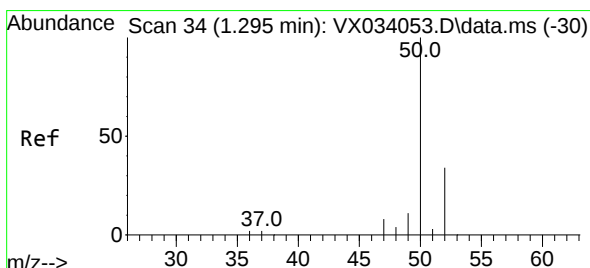
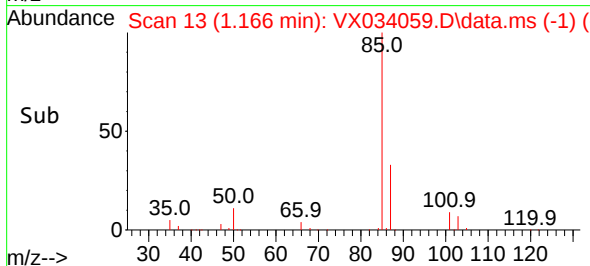
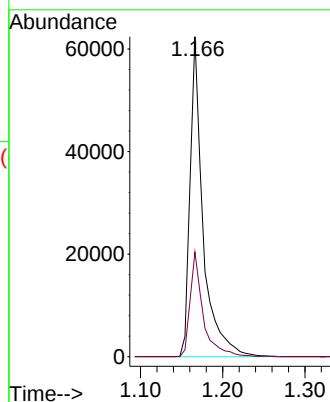
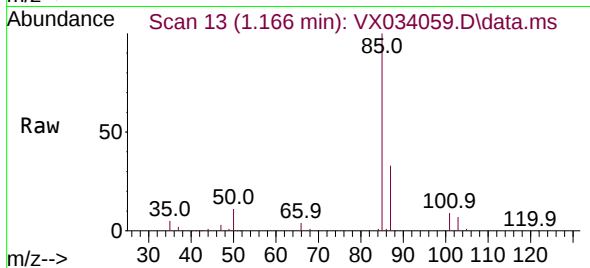




#2
Dichlorodifluoromethane
Concen: 44.953 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

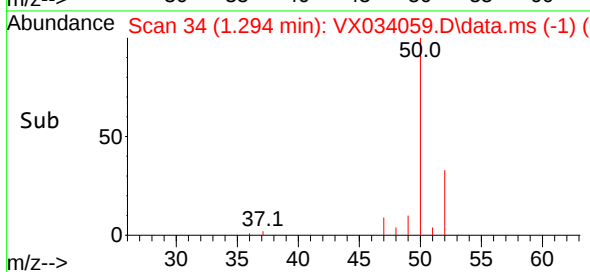
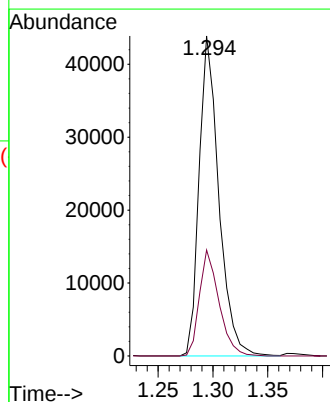
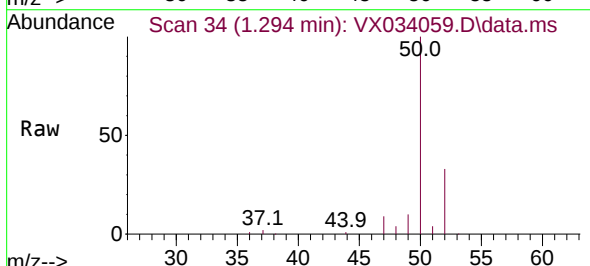
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

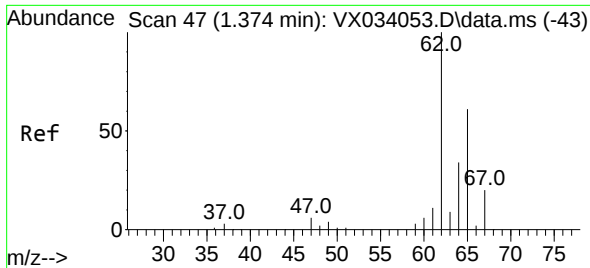
Tgt Ion: 85 Resp: 68395
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9



#3
Chloromethane
Concen: 39.553 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 50 Resp: 54930
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.7

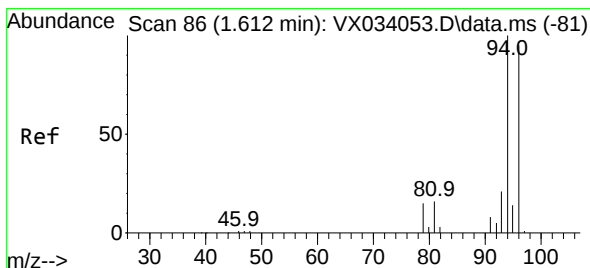
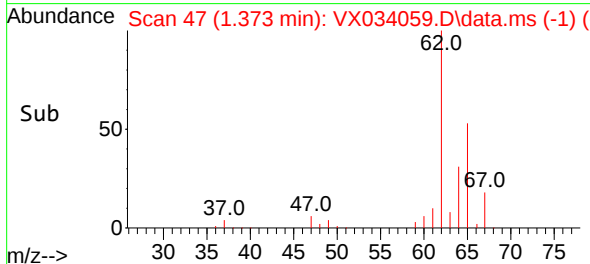
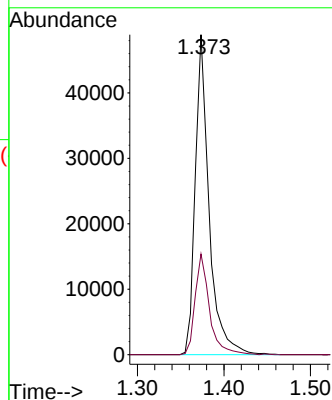
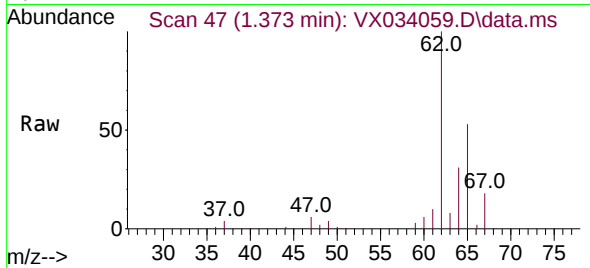




#5
 Vinyl chloride
 Concen: 38.626 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX034059.D
 Acq: 07 Feb 2023 14:20

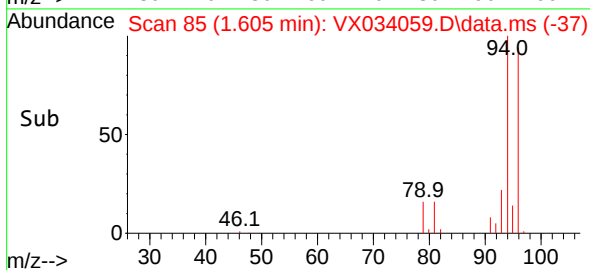
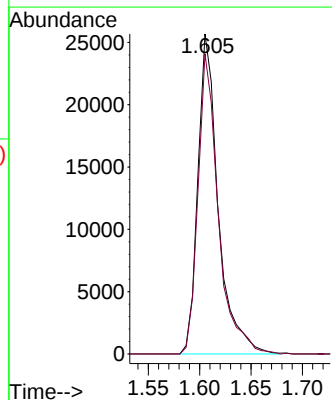
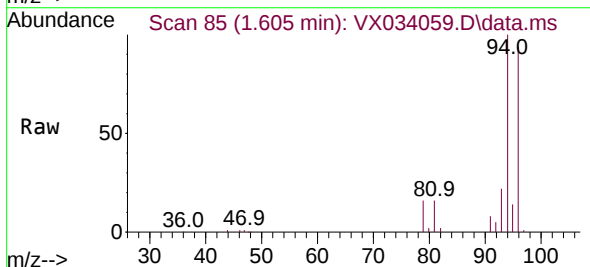
Instrument :
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 ClientSampleId :
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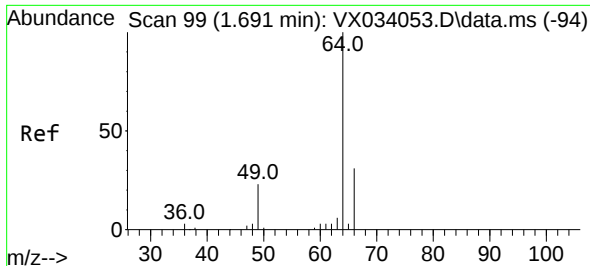
Tgt Ion: 62 Resp: 54243
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.2 43.0



#6
 Bromomethane
 Concen: 48.649 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX034059.D
 Acq: 07 Feb 2023 14:20

Tgt Ion: 94 Resp: 35427
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.7 122.1

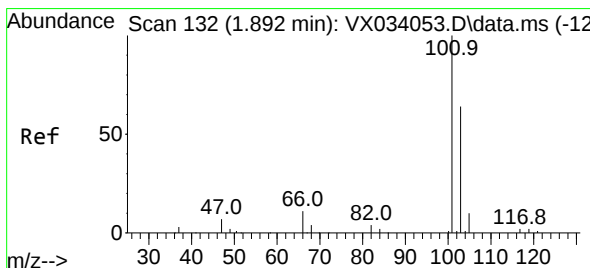
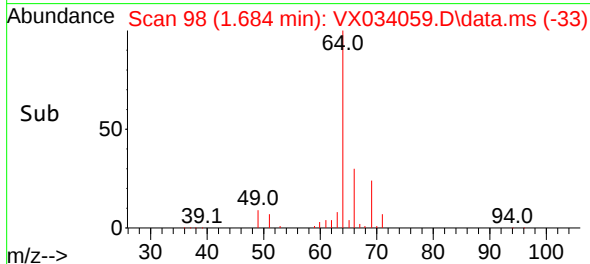
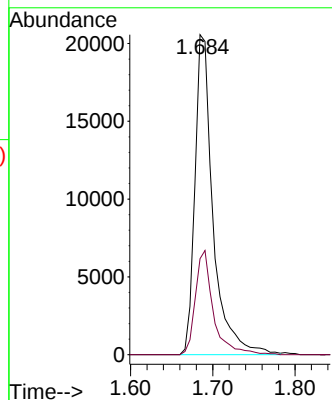
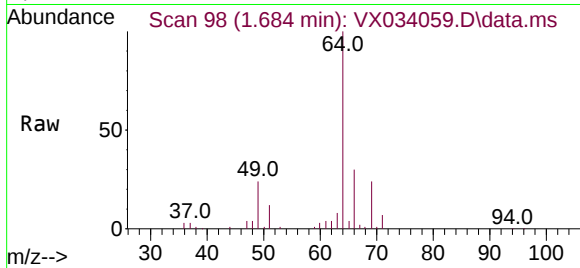




#8
Chloroethane
Concen: 42.272 ug/L
RT: 1.684 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

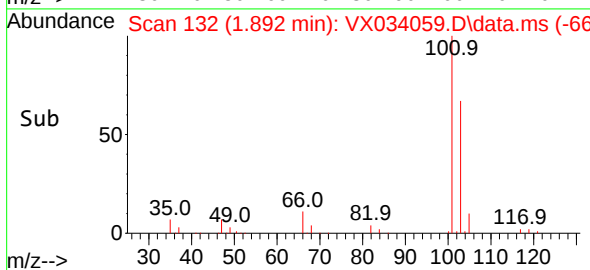
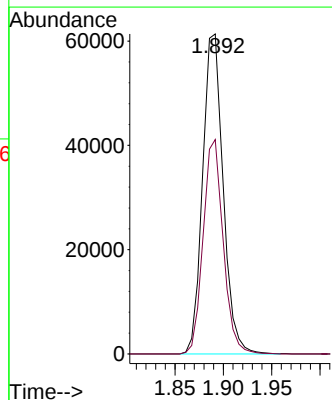
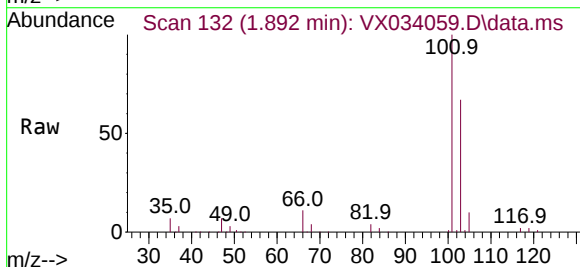
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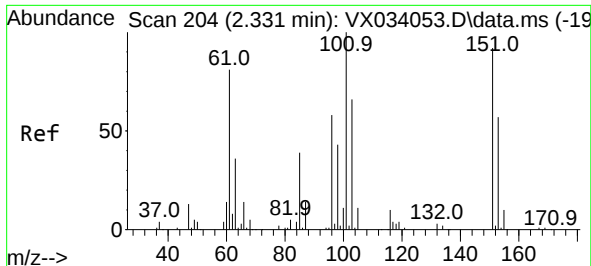
Tgt Ion: 64 Resp: 31557
Ion Ratio Lower Upper
64 100
66 30.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 45.671 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 101 Resp: 90903
Ion Ratio Lower Upper
101 100
103 65.4 52.6 78.8

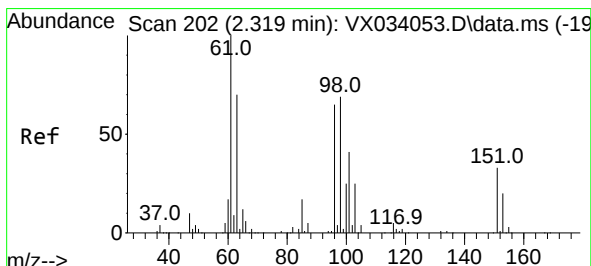
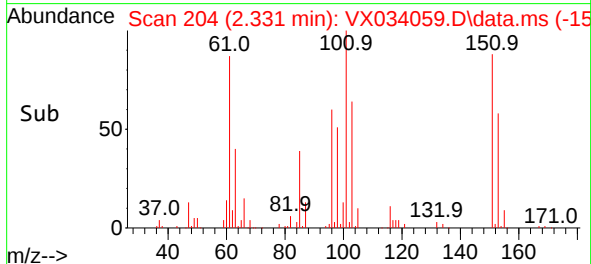
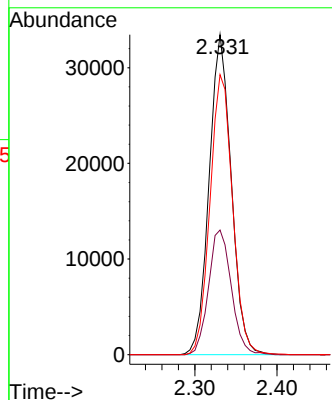
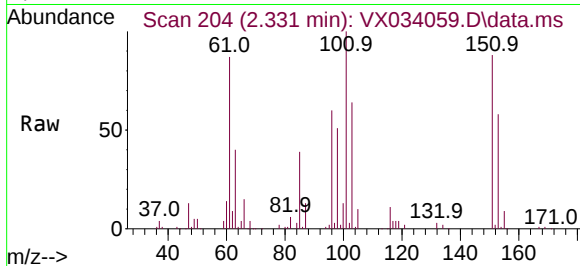




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.391 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX034059.D
 Acq: 07 Feb 2023 14:20

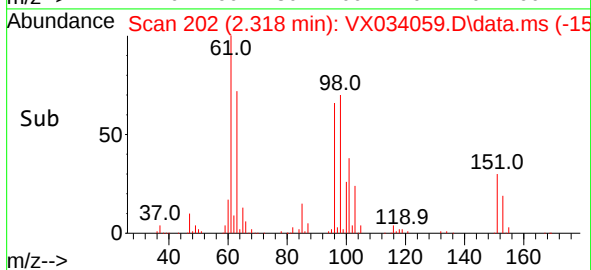
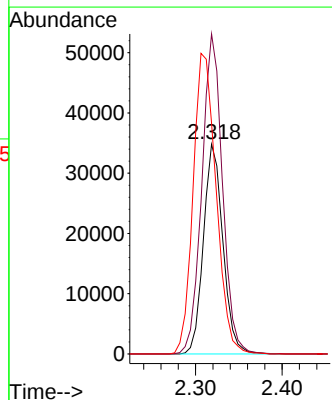
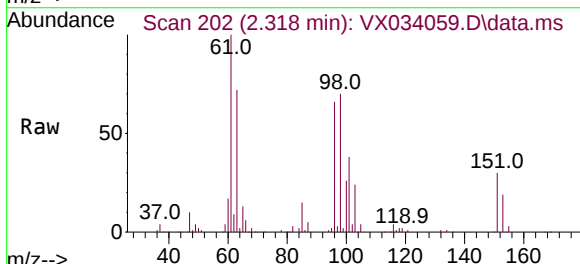
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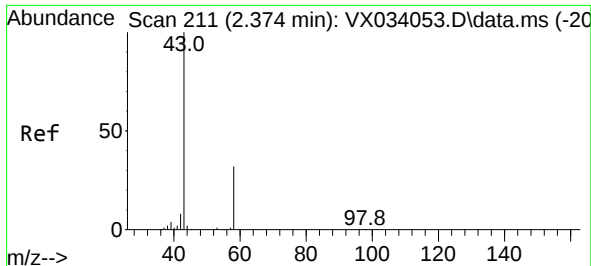
Tgt Ion:101 Resp: 62478
 Ion Ratio Lower Upper
 101 100
 85 40.2 32.2 48.4
 151 89.2 69.3 103.9



#12
 1,1-Dichloroethene
 Concen: 43.231 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX034059.D
 Acq: 07 Feb 2023 14:20

Tgt Ion: 96 Resp: 54434
 Ion Ratio Lower Upper
 96 100
 61 152.5 107.6 199.8
 63 110.0 69.6 129.2





#13

Acetone

Concen: 63.057 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

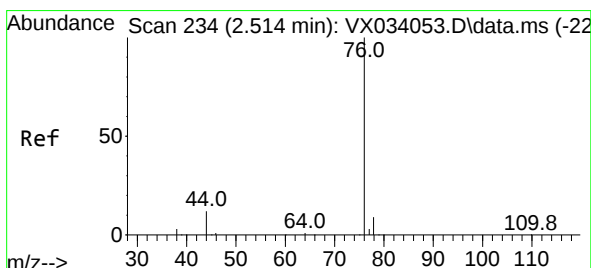
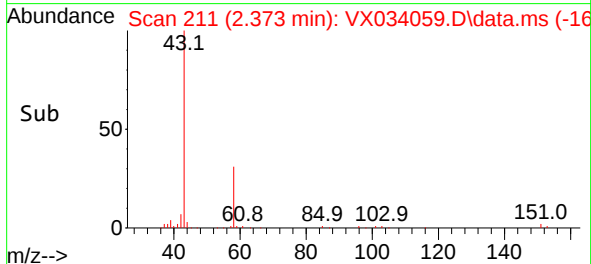
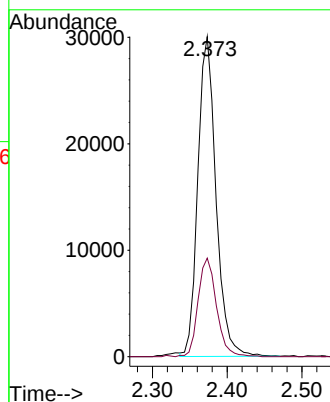
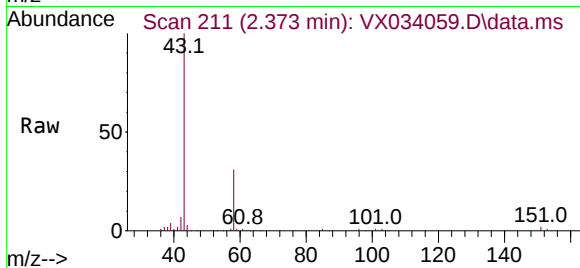
VSTD050621

Tgt Ion: 43 Resp: 50659

Ion Ratio Lower Upper

43 100

58 31.2 0.0 62.8



#14

Carbon disulfide

Concen: 39.487 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

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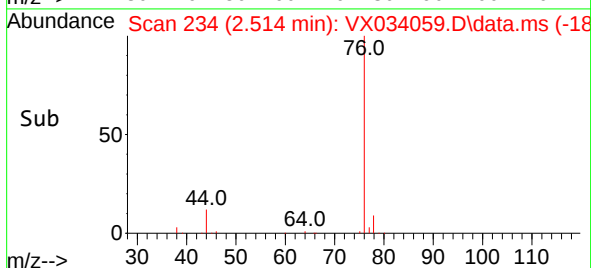
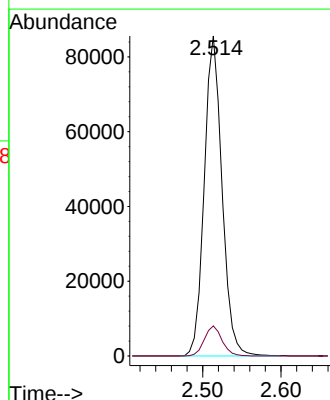
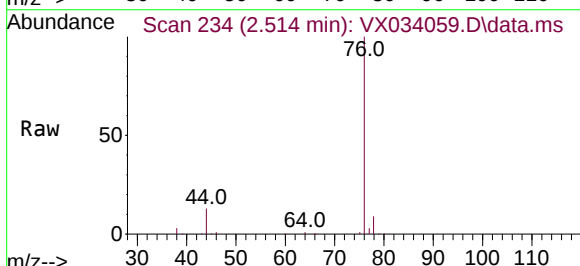
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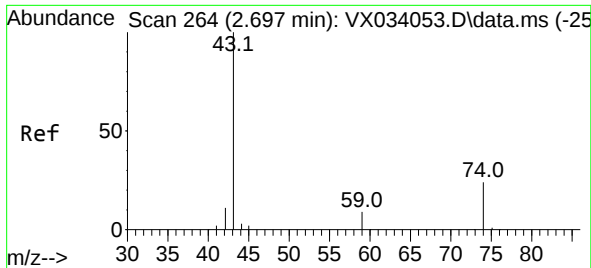
Tgt Ion: 76 Resp: 134570

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

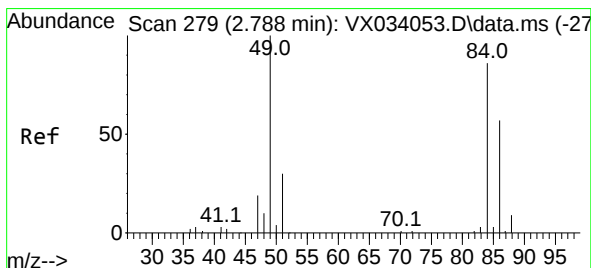
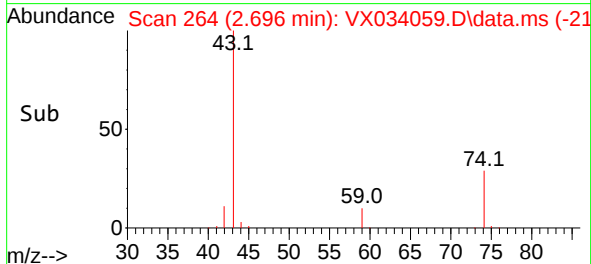
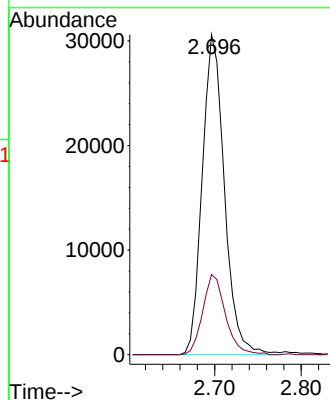
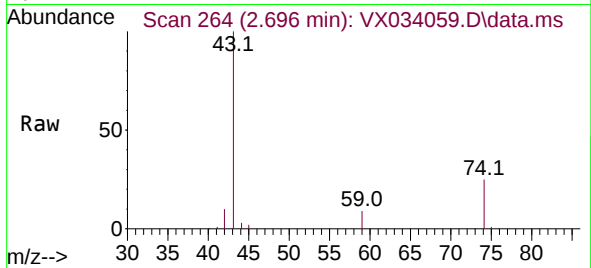




#15
Methyl Acetate
Concen: 42.563 ug/L
RT: 2.696 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

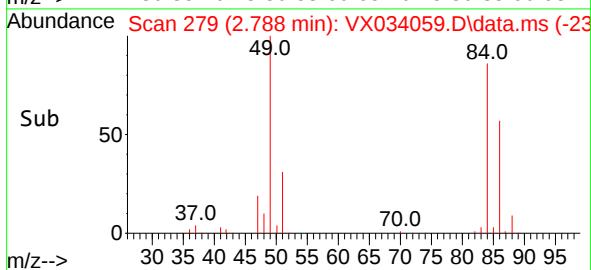
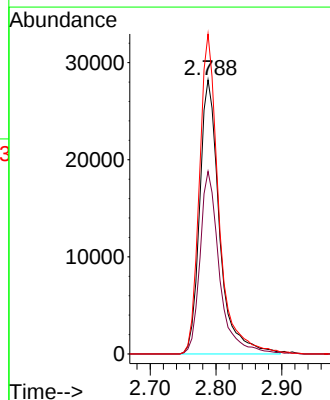
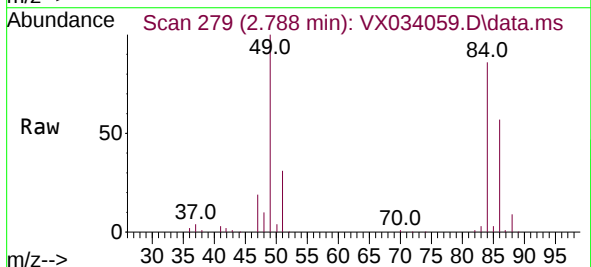
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

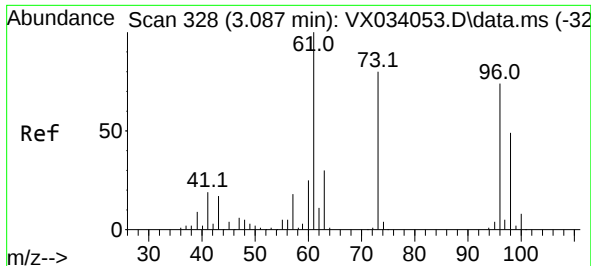
Tgt Ion: 43 Resp: 54477
Ion Ratio Lower Upper
43 100
74 25.5 19.7 29.5



#16
Methylene chloride
Concen: 44.404 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 84 Resp: 59207
Ion Ratio Lower Upper
84 100
86 66.6 45.2 84.0
49 116.8 82.5 153.1

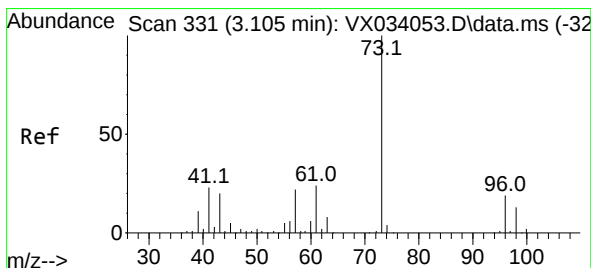
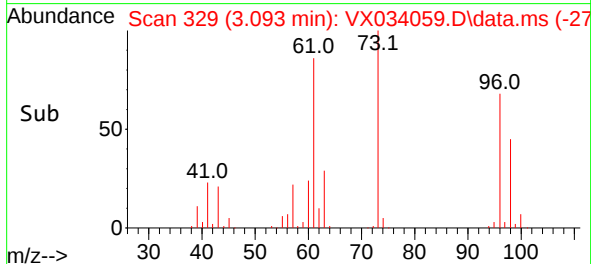
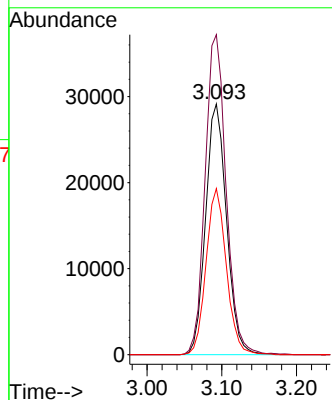
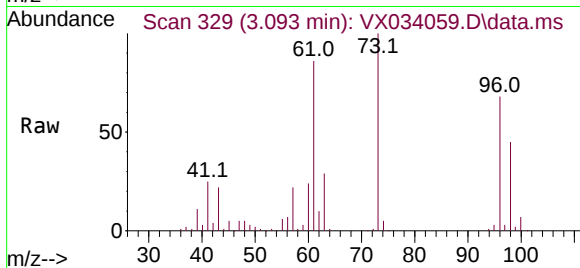




#17
trans-1,2-Dichloroethene
Concen: 43.674 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

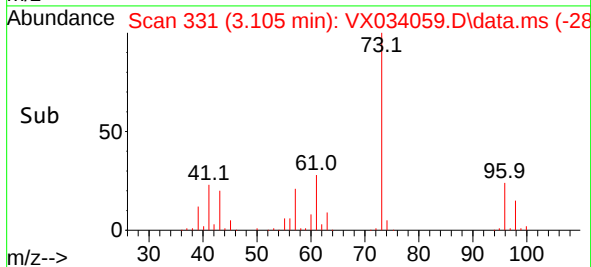
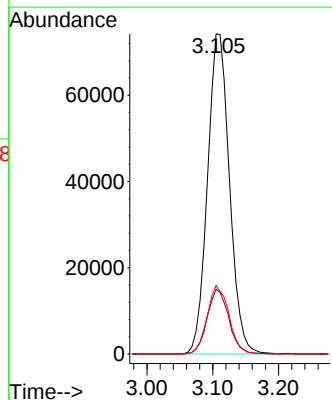
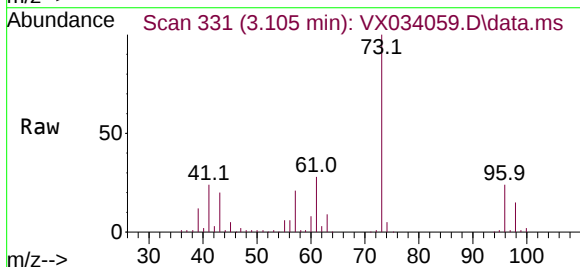
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

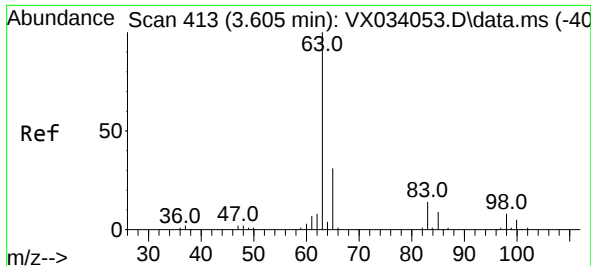
Tgt Ion: 96 Resp: 56768
Ion Ratio Lower Upper
96 100
61 127.6 87.7 162.9
98 66.3 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 45.657 ug/L
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 73 Resp: 172790
Ion Ratio Lower Upper
73 100
43 19.8 15.6 23.4
57 21.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 44.909 ug/L

RT: 3.611 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

VSTD050621

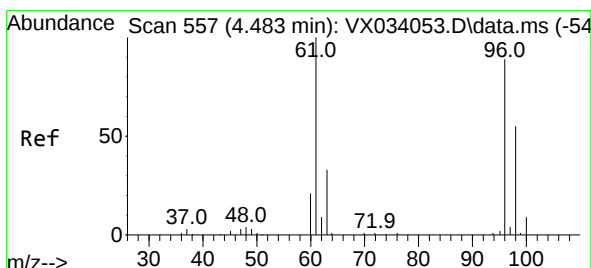
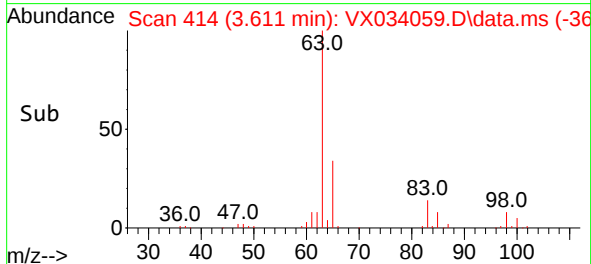
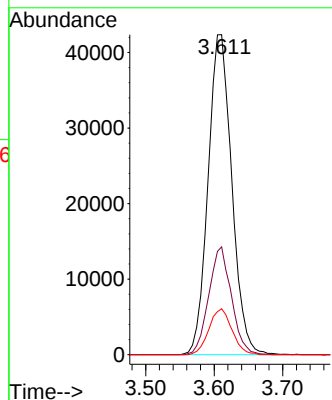
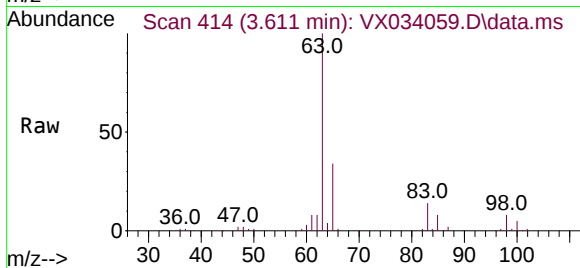
Tgt Ion: 63 Resp: 101874

Ion Ratio Lower Upper

63 100

65 33.7 21.9 40.7

83 14.4 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 45.121 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

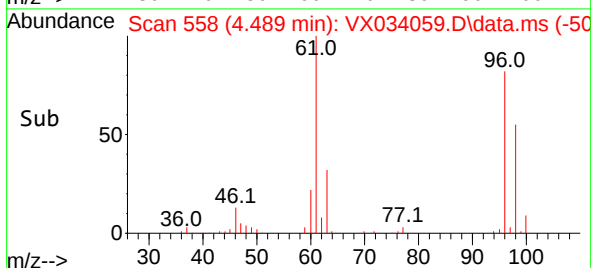
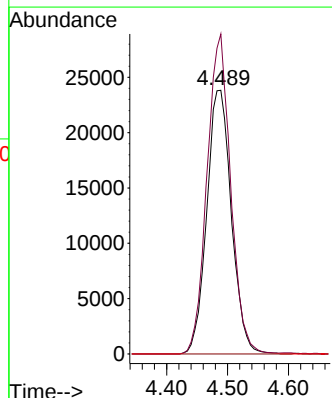
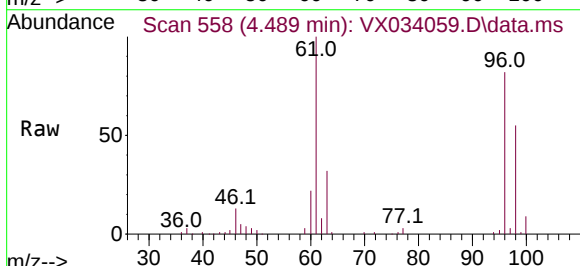
Tgt Ion: 96 Resp: 67024

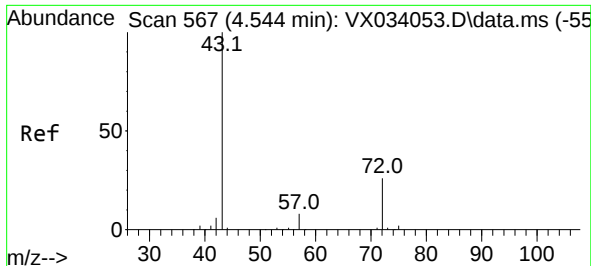
Ion Ratio Lower Upper

96 100

61 121.4 80.3 149.1

68 0.0 0.0 0.0

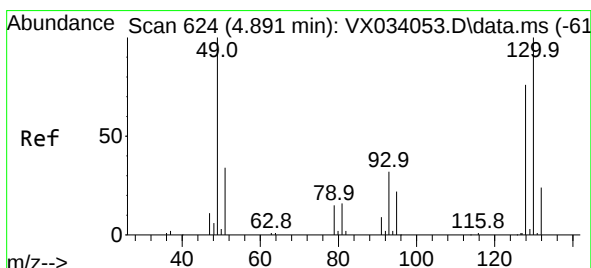
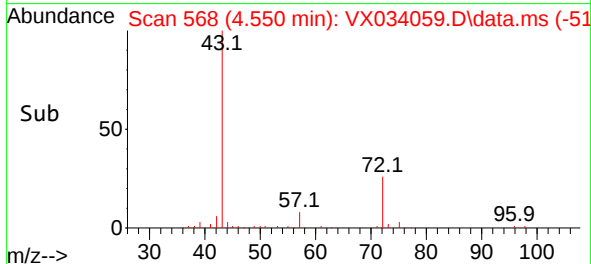
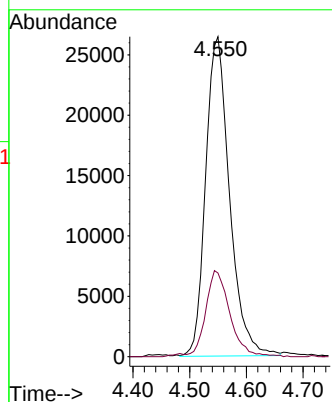
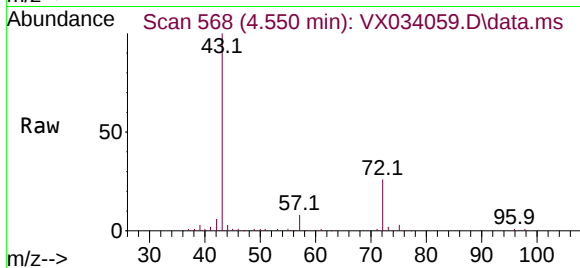




#22
2-Butanone
Concen: 77.596 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

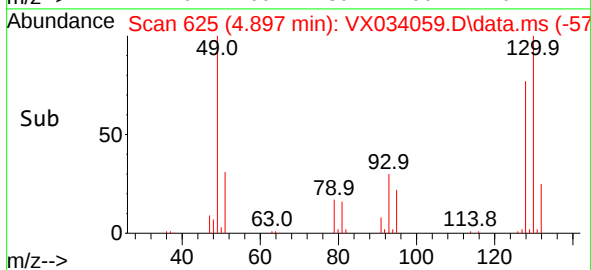
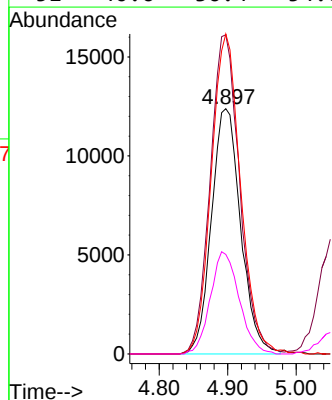
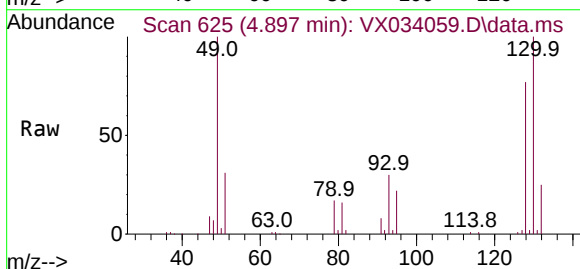
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

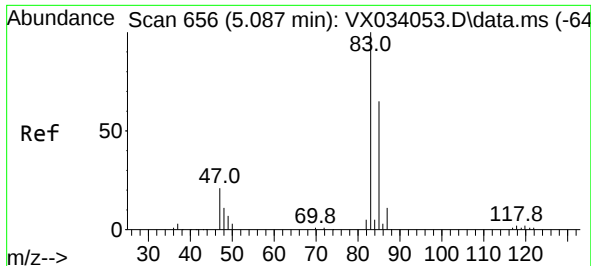
Tgt Ion: 43 Resp: 77454
Ion Ratio Lower Upper
43 100
72 27.1 13.2 39.6



#23
Bromochloromethane
Concen: 44.977 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion:128 Resp: 36676
Ion Ratio Lower Upper
128 100
49 130.1 94.7 175.9
130 130.5 91.3 169.6
51 40.6 36.4 54.6

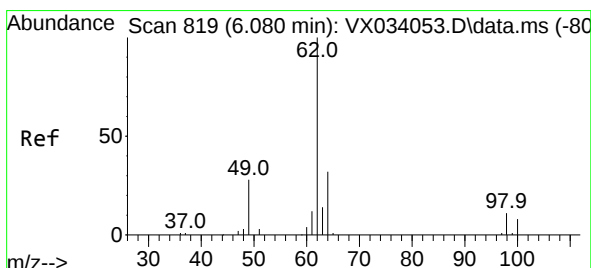
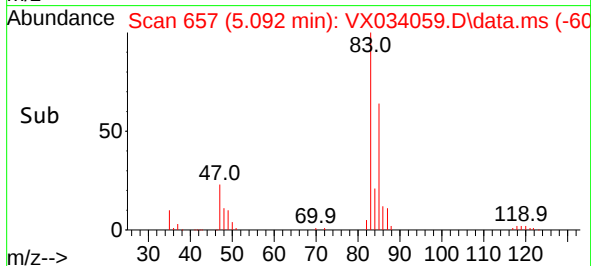
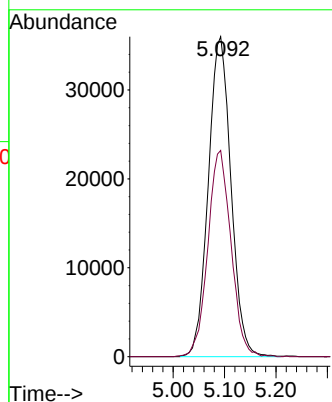
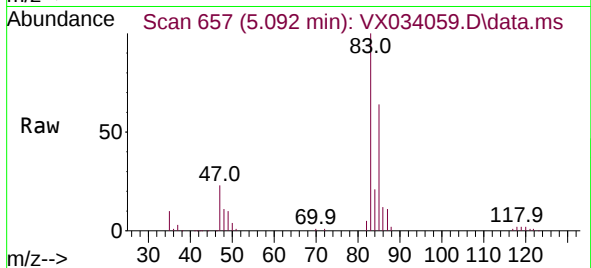




#25
Chloroform
Concen: 47.133 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

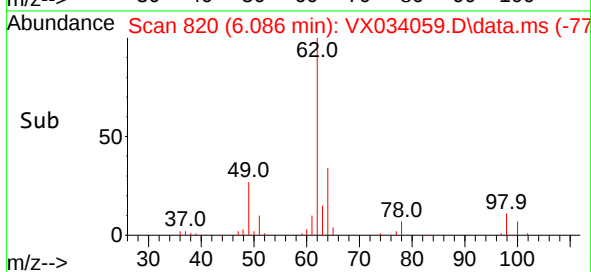
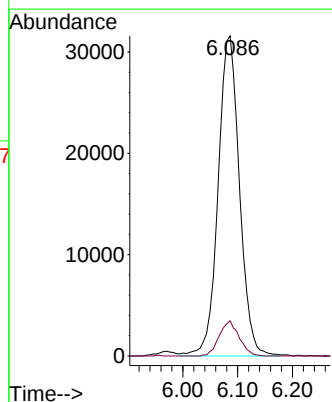
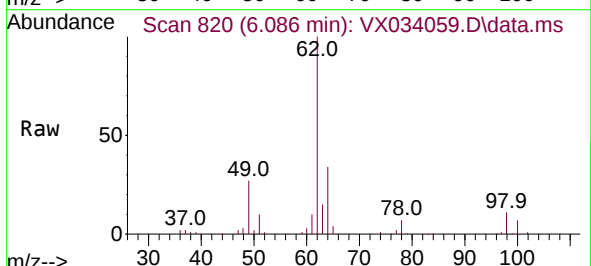
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

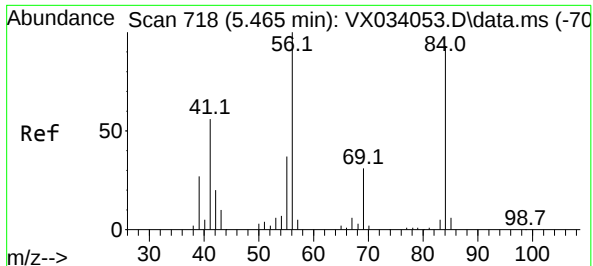
Tgt Ion: 83 Resp: 110411
Ion Ratio Lower Upper
83 100
85 64.5 47.0 87.4



#27
1,2-Dichloroethane
Concen: 47.669 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 62 Resp: 85705
Ion Ratio Lower Upper
62 100
98 11.0 9.1 13.7

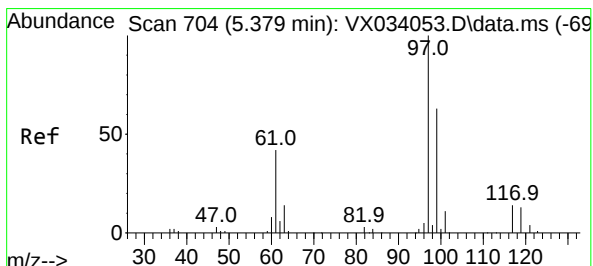
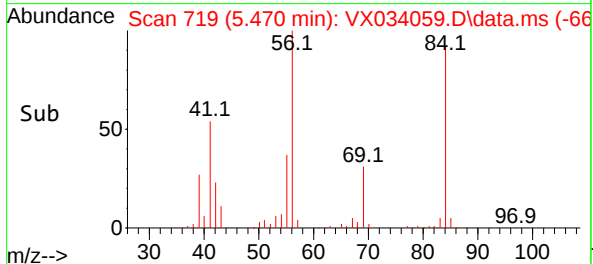
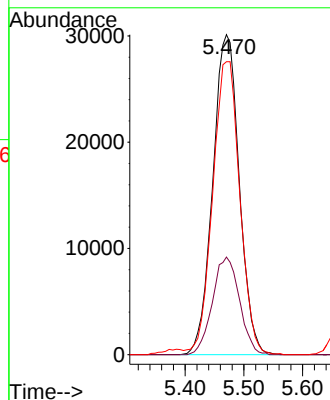
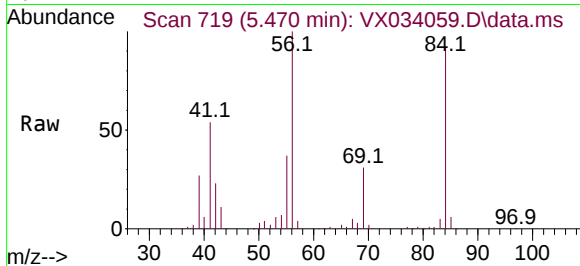




#29
Cyclohexane
Concen: 42.704 ug/L
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

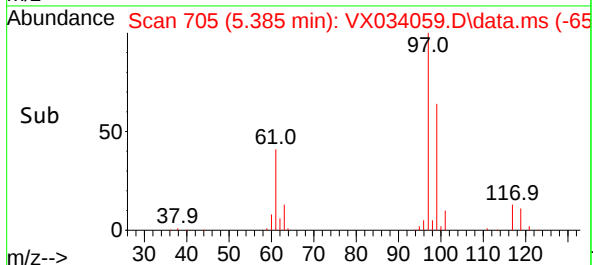
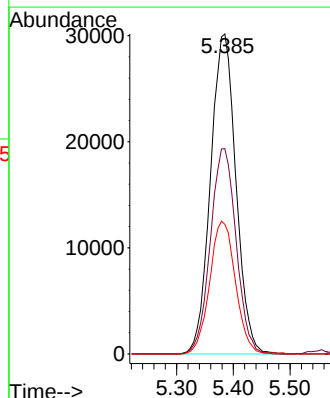
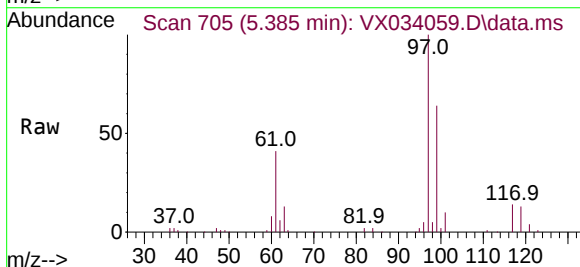
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

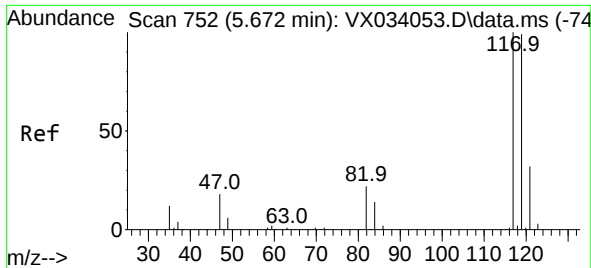
Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.8	37.2
84	93.7	73.2	109.8



#30
1,1,1-Trichloroethane
Concen: 46.124 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	42.0	34.7	52.1

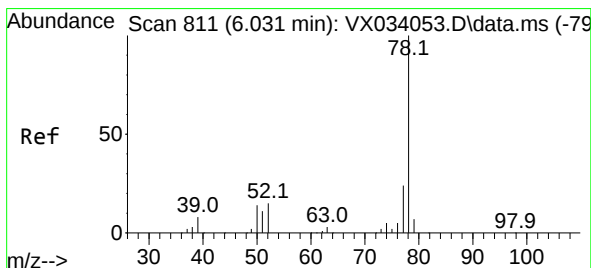
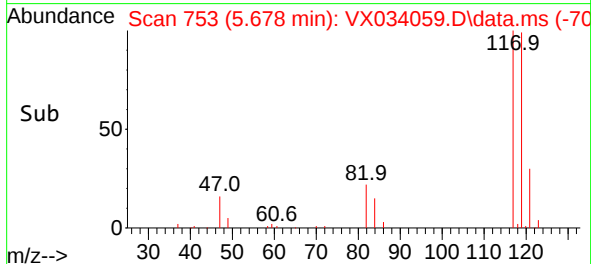
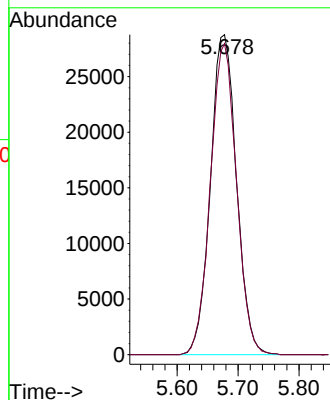
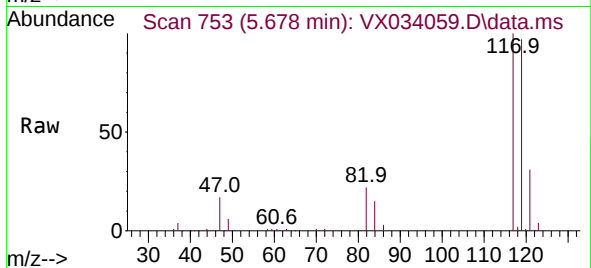




#31
Carbon tetrachloride
Concen: 45.161 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

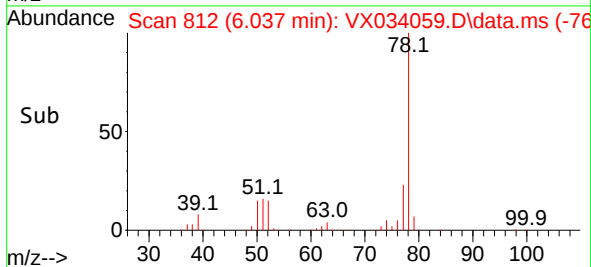
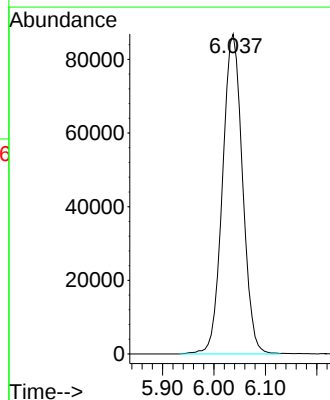
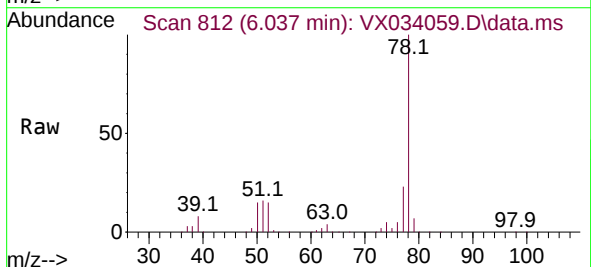
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

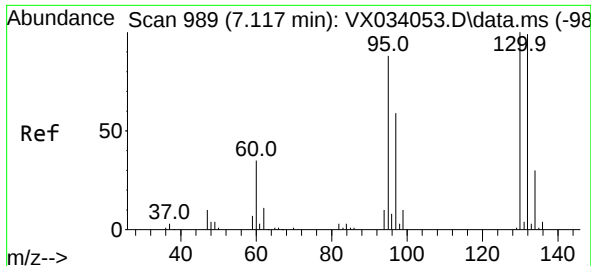
Tgt Ion:117 Resp: 85605
Ion Ratio Lower Upper
117 100
119 97.1 77.1 115.7



#33
Benzene
Concen: 43.892 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 78 Resp: 235272

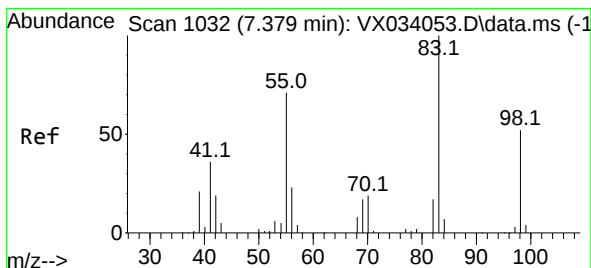
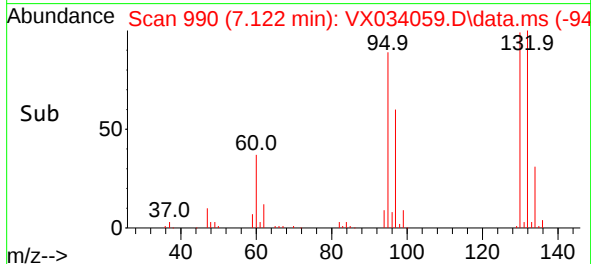
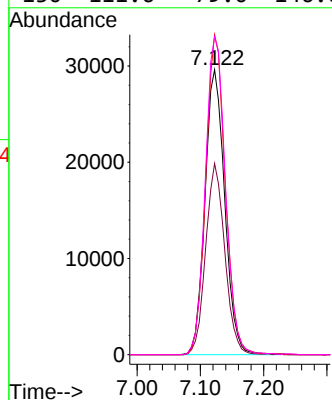
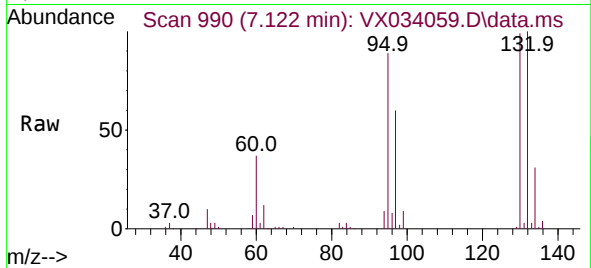




#34
Trichloroethene
Concen: 44.380 ug/L
RT: 7.122 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

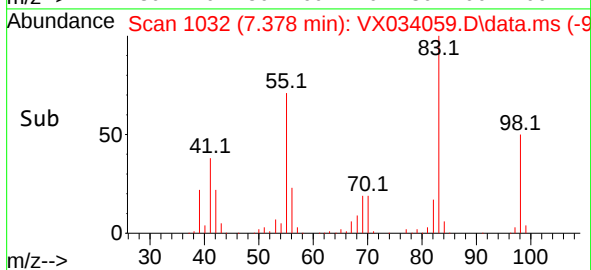
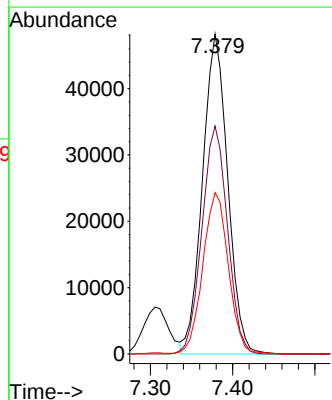
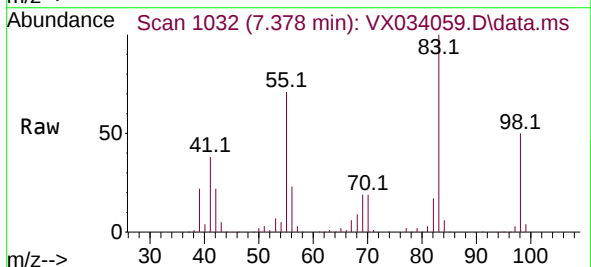
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

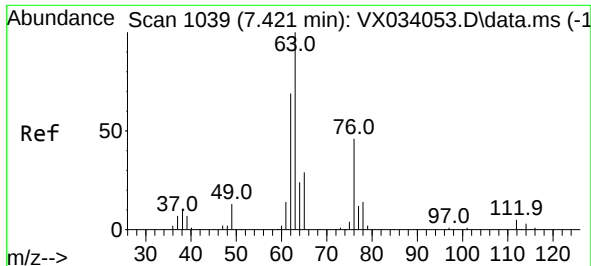
Tgt Ion: 95 Resp: 64472
Ion Ratio Lower Upper
95 100
97 67.1 46.8 87.0
132 112.3 76.2 141.4
130 111.6 79.0 146.6



#35
Methylcyclohexane
Concen: 44.327 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 83 Resp: 102682
Ion Ratio Lower Upper
83 100
55 72.1 59.0 88.4
98 51.2 40.6 60.8





#37

1,2-Dichloropropane

Concen: 43.574 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

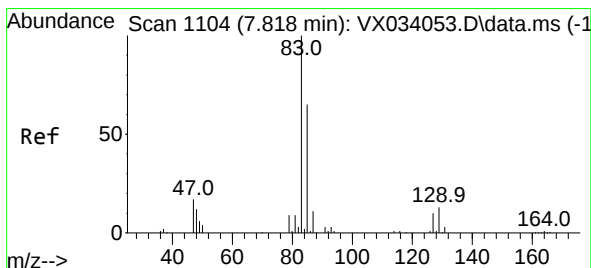
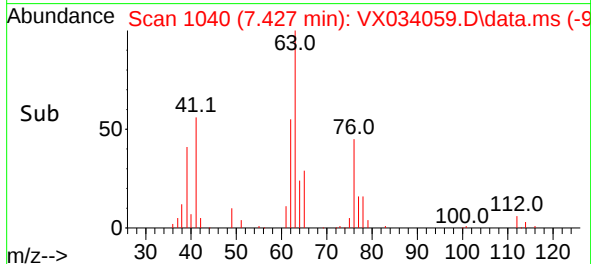
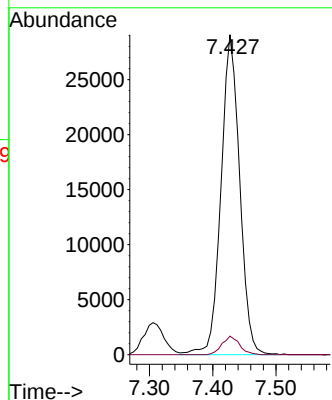
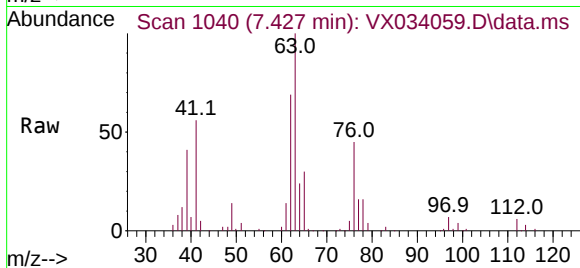
VSTD050621

Tgt Ion: 63 Resp: 59489

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1



#38

Bromodichloromethane

Concen: 45.099 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

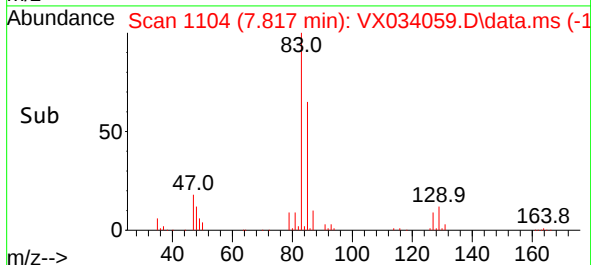
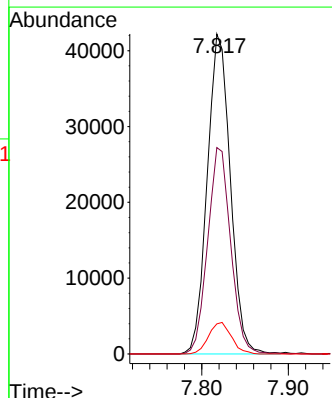
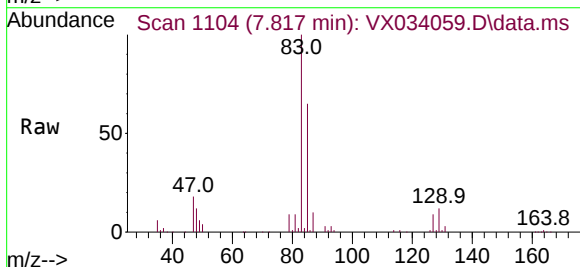
Tgt Ion: 83 Resp: 78290

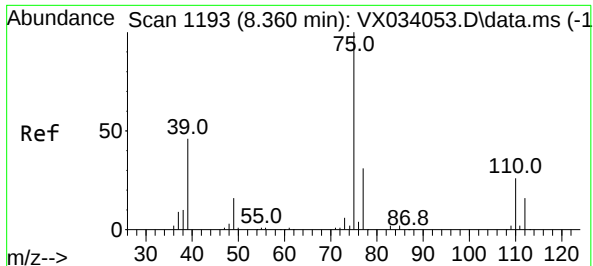
Ion Ratio Lower Upper

83 100

85 64.5 46.3 85.9

127 9.4 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 45.121 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

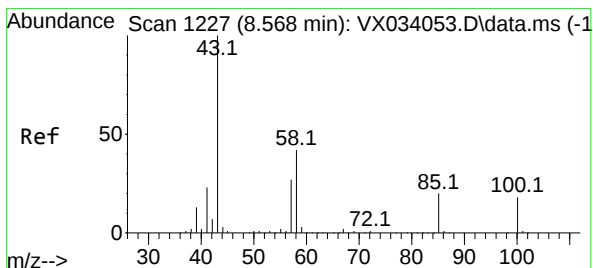
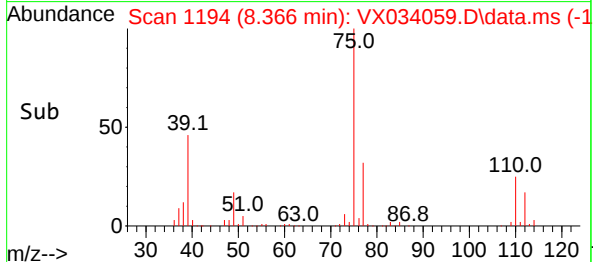
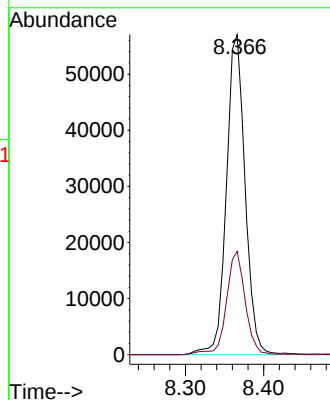
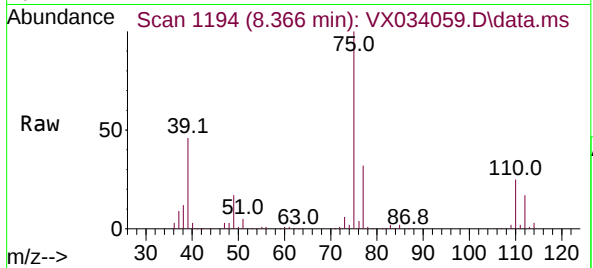
VSTD050621

Tgt Ion: 75 Resp: 94551

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 89.491 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

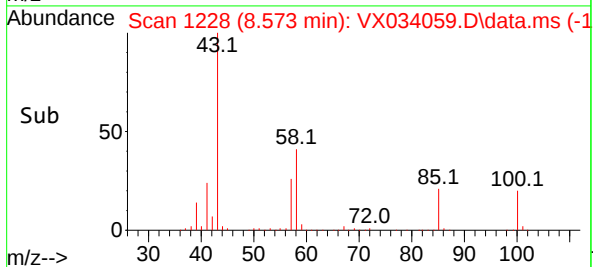
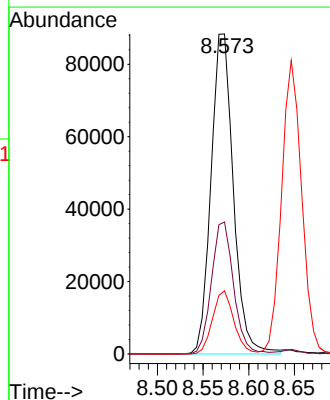
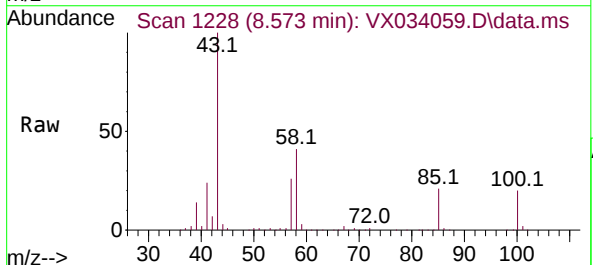
Tgt Ion: 43 Resp: 150352

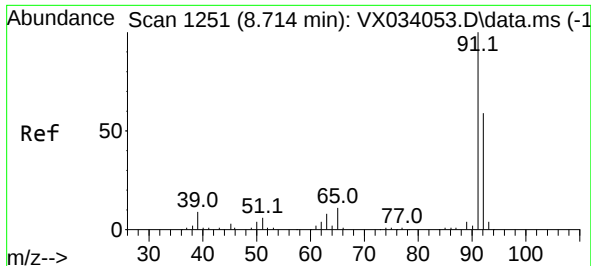
Ion Ratio Lower Upper

43 100

58 40.7 31.9 47.9

100 18.8 14.4 21.6





#42

Toluene

Concen: 44.759 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

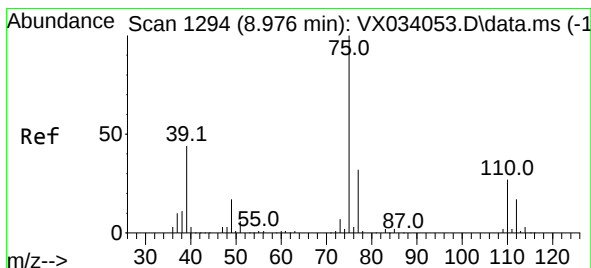
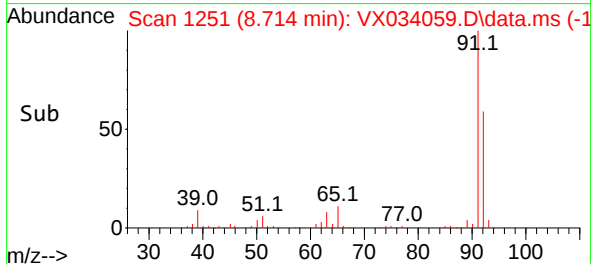
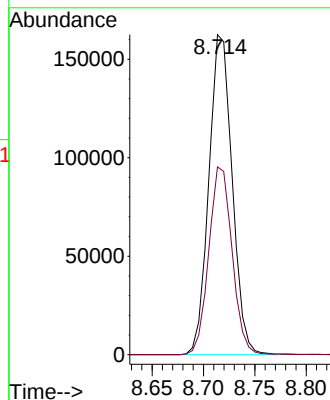
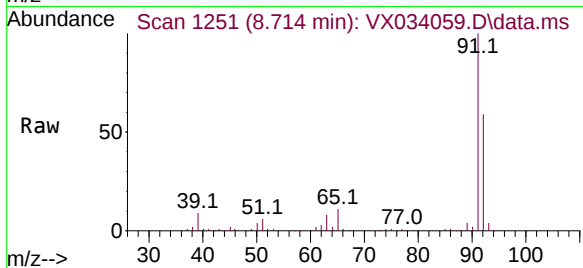
VSTD050621

Tgt Ion: 91 Resp: 256641

Ion Ratio Lower Upper

91 100

92 58.7 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 45.017 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX034059.D

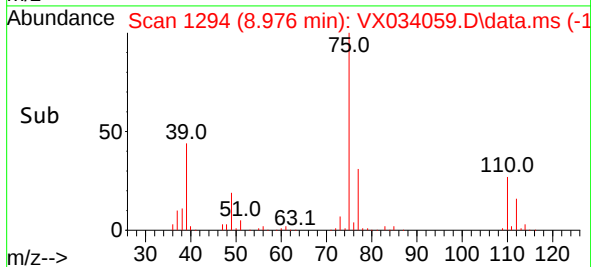
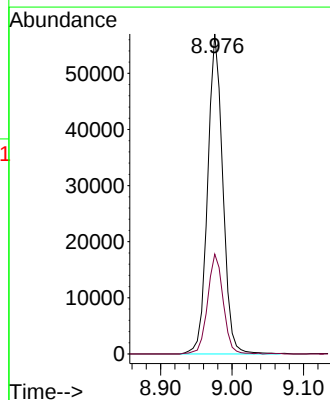
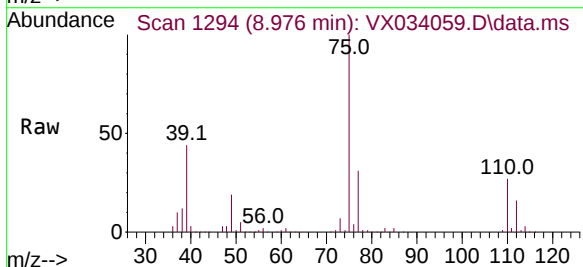
Acq: 07 Feb 2023 14:20

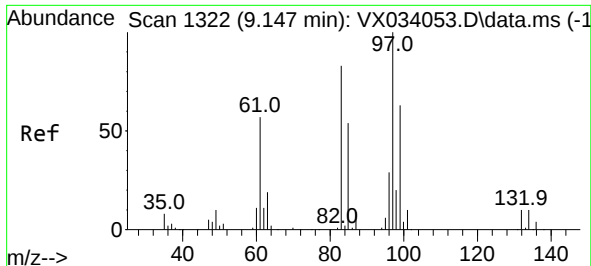
Tgt Ion: 75 Resp: 83942

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3

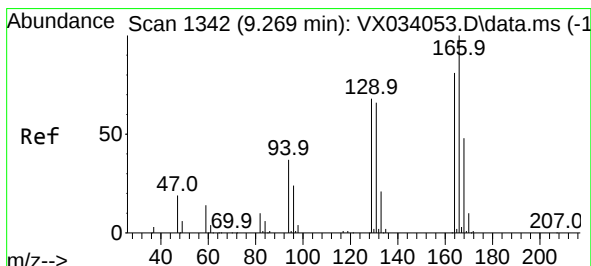
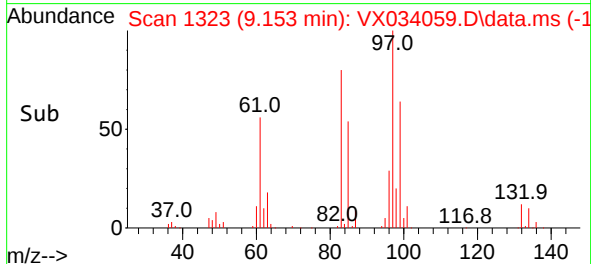
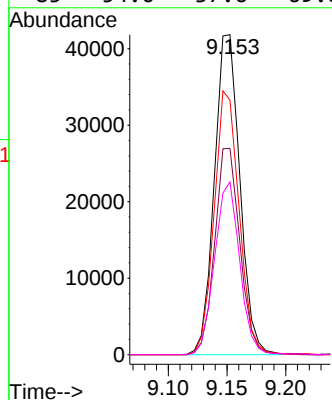
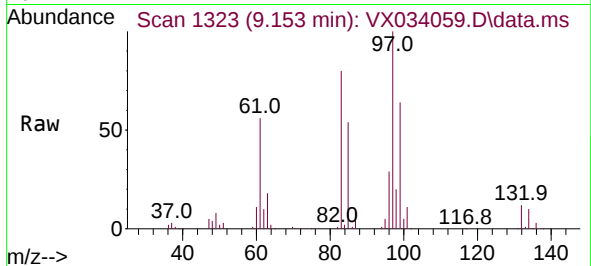




#45
1,1,2-Trichloroethane
Concen: 45.757 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

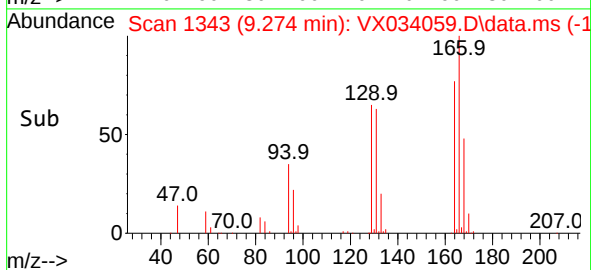
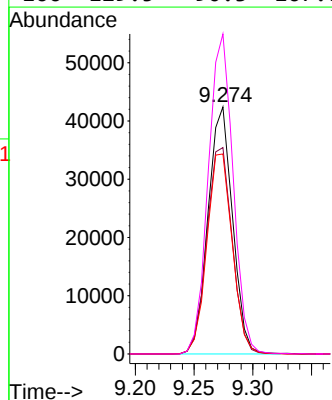
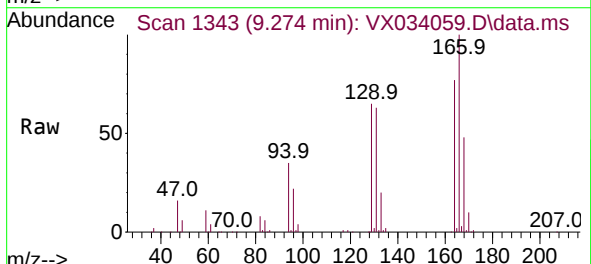
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

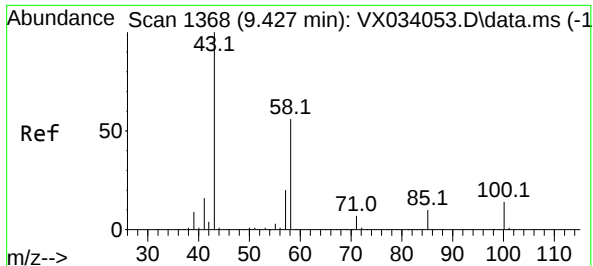
Tgt Ion: 97	Resp: 63235
Ion Ratio	Lower Upper
97 100	
99 64.5	43.5 80.9
83 79.6	56.8 105.4
85 54.0	37.6 69.8



#46
Tetrachloroethene
Concen: 44.192 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt	Ion:164	Resp:	61637
Ion	Ratio	Lower	Upper
164	100		
129	83.5	59.3	110.1
131	81.0	56.1	104.3
166	129.5	90.3	167.7



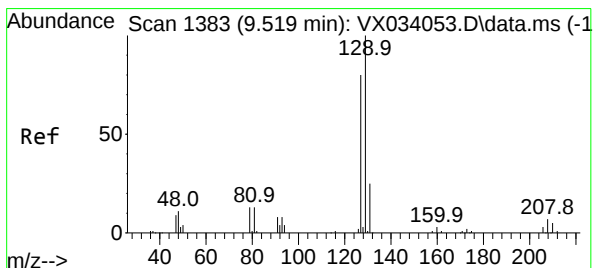
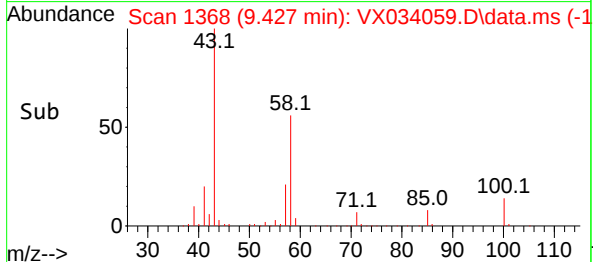
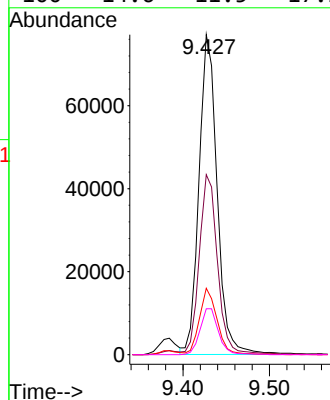
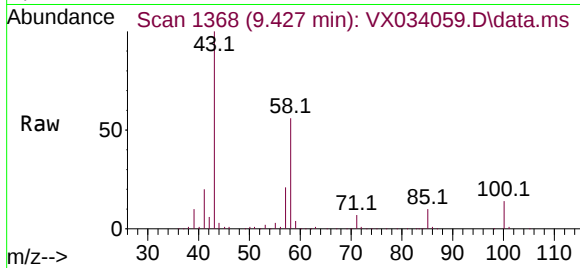


#48
2-Hexanone
Concen: 84.055 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

Tgt Ion: 43 Resp: 112541

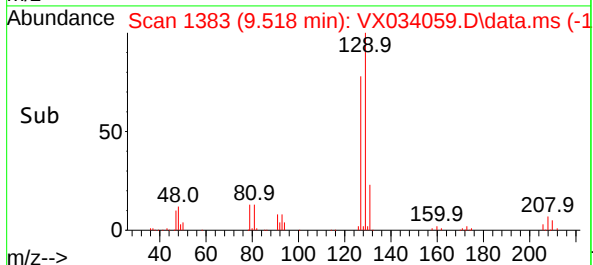
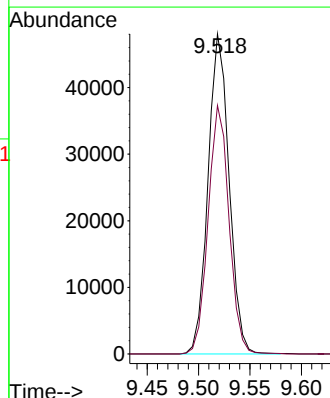
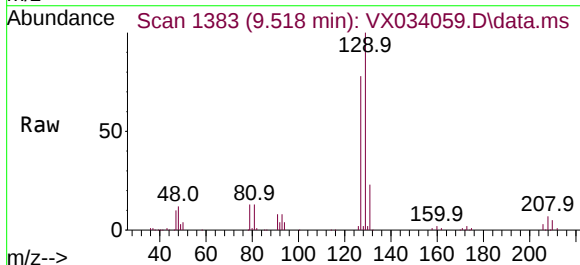
Ion	Ratio	Lower	Upper
43	100		
58	56.9	45.7	68.5
57	20.2	15.8	23.8
100	14.6	11.5	17.3

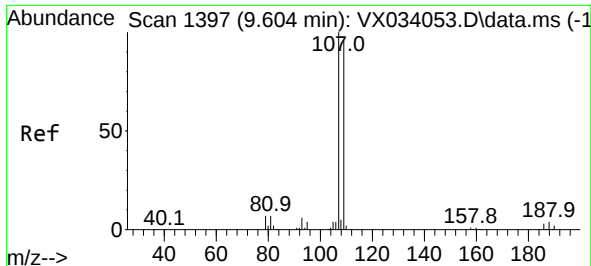


#49
Dibromochloromethane
Concen: 45.994 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 129 Resp: 68583

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.3	98.9





#50

1,2-Dibromoethane

Concen: 45.745 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

VSTD050621

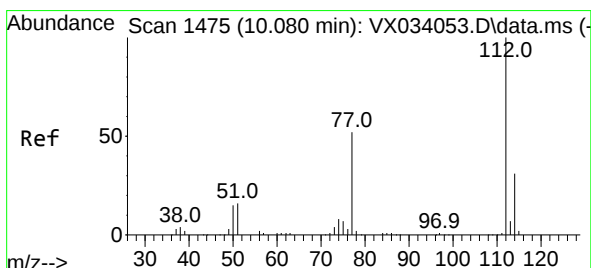
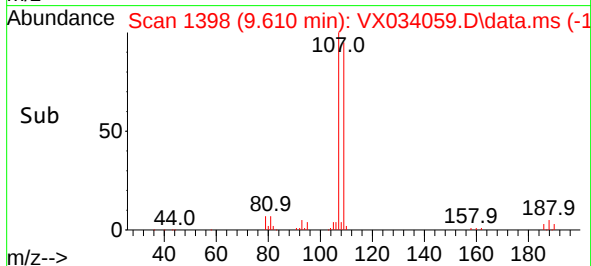
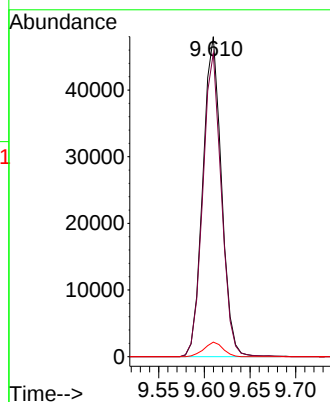
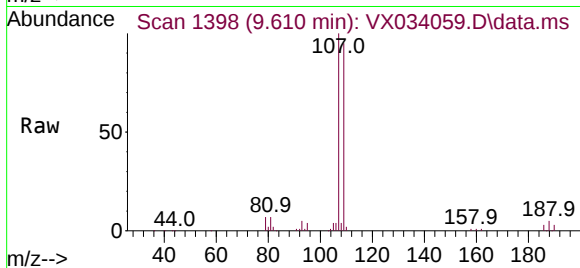
Tgt Ion:107 Resp: 67937

Ion Ratio Lower Upper

107 100

109 94.9 64.9 120.5

188 4.5 3.3 4.9



#51

Chlorobenzene

Concen: 45.233 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

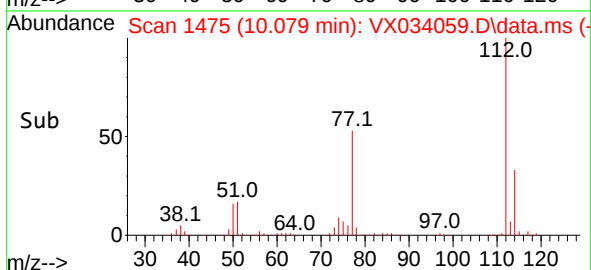
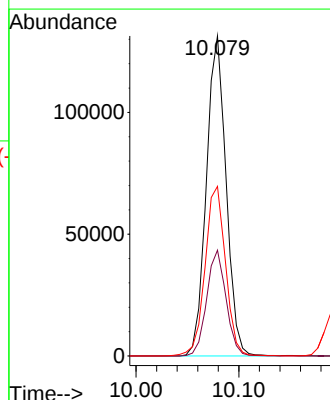
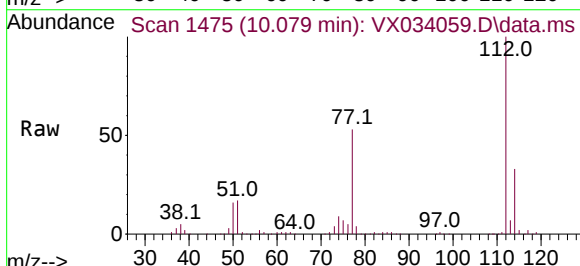
Tgt Ion:112 Resp: 175222

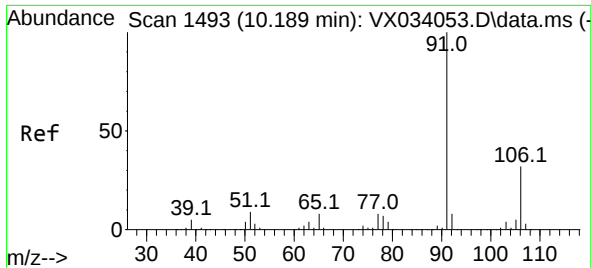
Ion Ratio Lower Upper

112 100

114 33.1 22.7 42.3

77 53.0 43.4 65.0

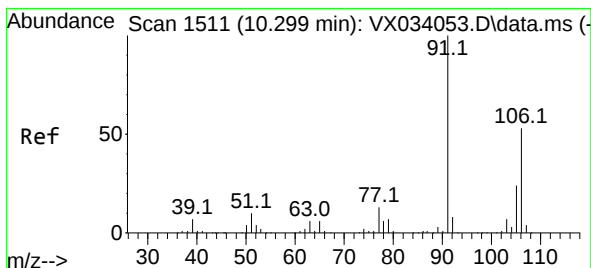
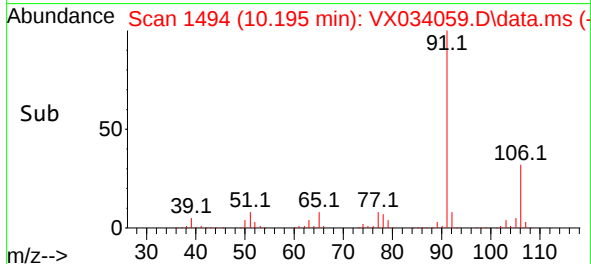
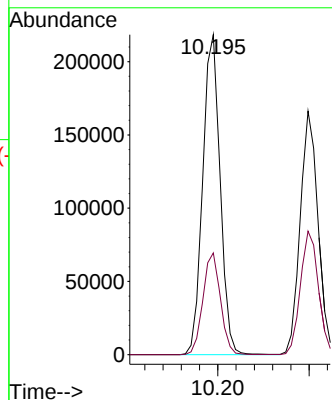
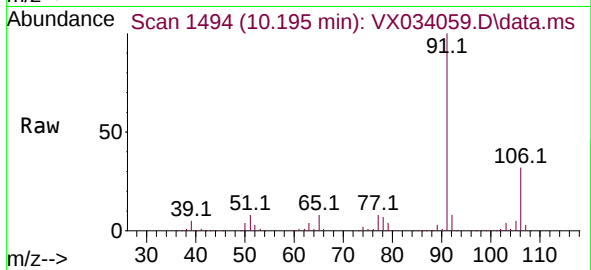




#52
Ethylbenzene
Concen: 45.836 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

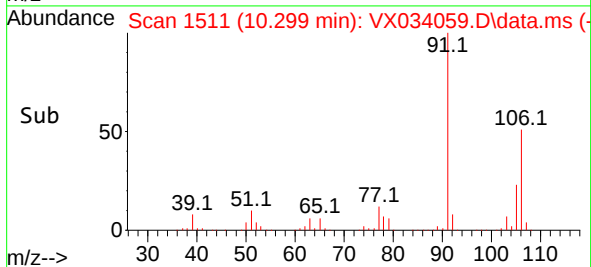
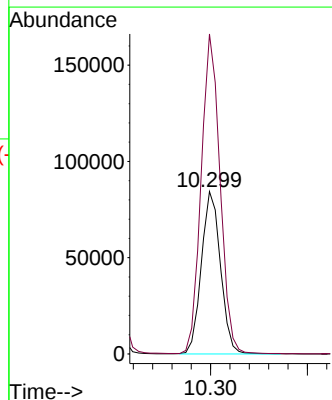
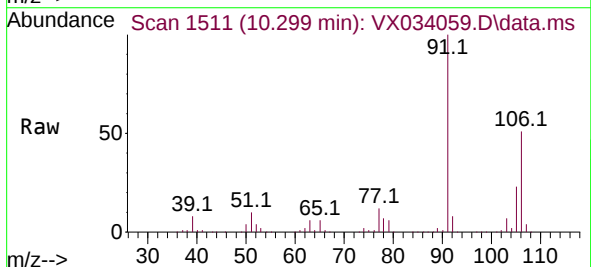
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

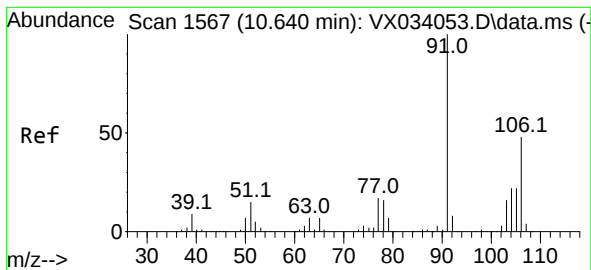
Tgt Ion: 91 Resp: 288831
Ion Ratio Lower Upper
91 100
106 31.8 23.2 43.0



#53
m,p-Xylene
Concen: 45.895 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 106 Resp: 116089
Ion Ratio Lower Upper
106 100
91 197.0 135.2 251.0





#54

o-Xylene

Concen: 46.165 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

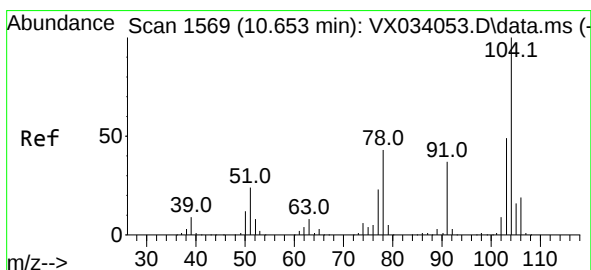
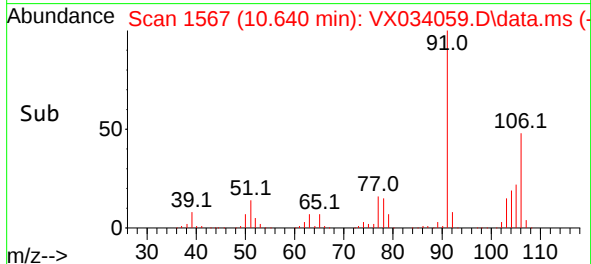
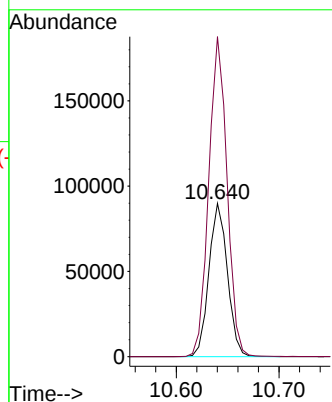
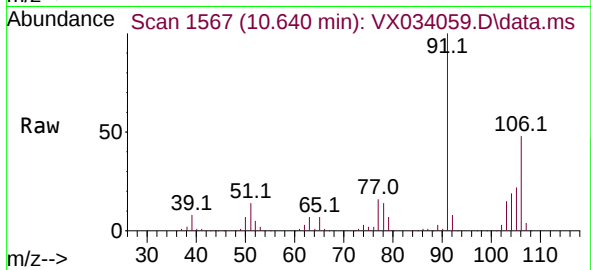
VSTD050621

Tgt Ion:106 Resp: 112814

Ion Ratio Lower Upper

106 100

91 208.9 140.2 260.4



#55

Styrene

Concen: 46.793 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX034059.D

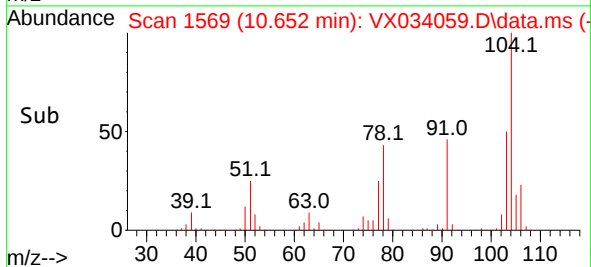
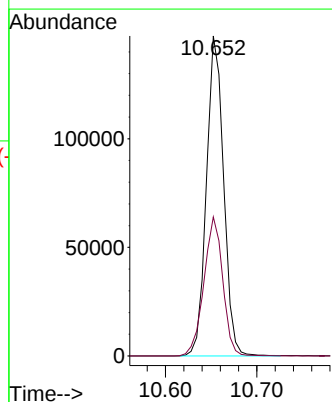
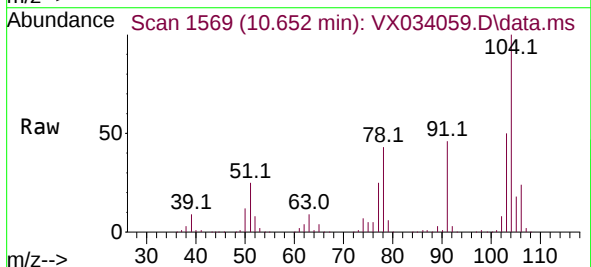
Acq: 07 Feb 2023 14:20

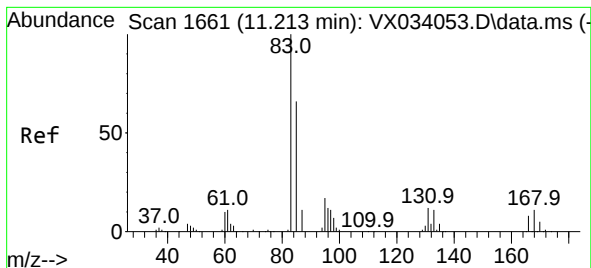
Tgt Ion:104 Resp: 191833

Ion Ratio Lower Upper

104 100

78 43.4 30.0 55.8

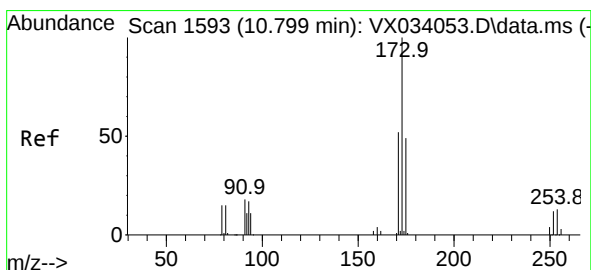
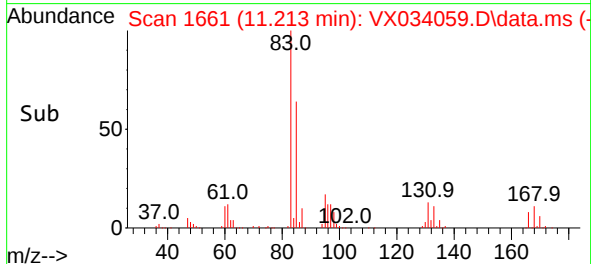
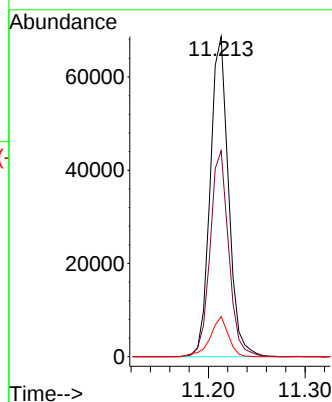
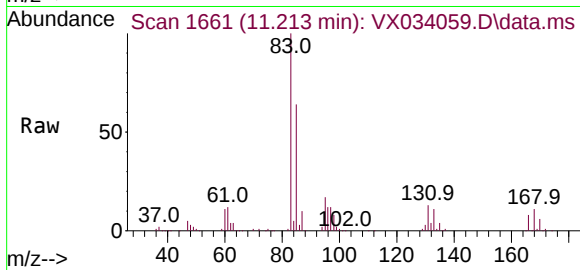




#57
1,1,2,2-Tetrachloroethane
Concen: 46.476 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

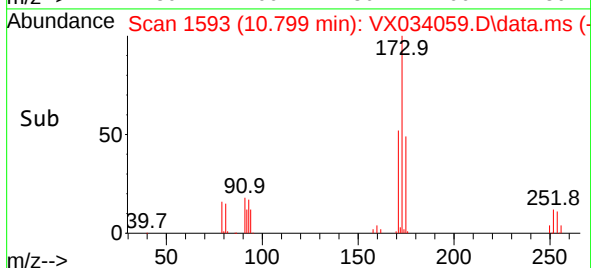
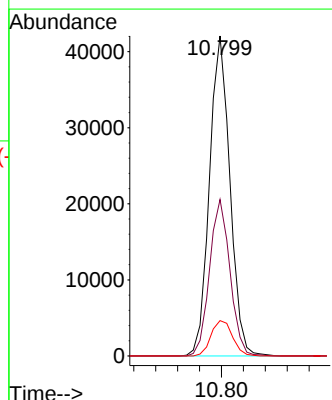
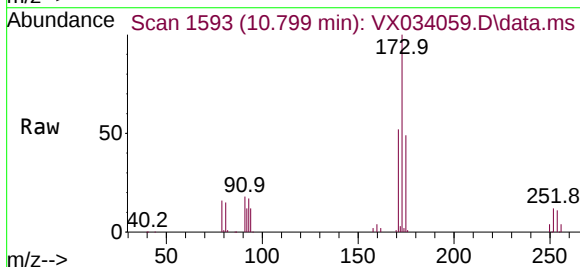
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

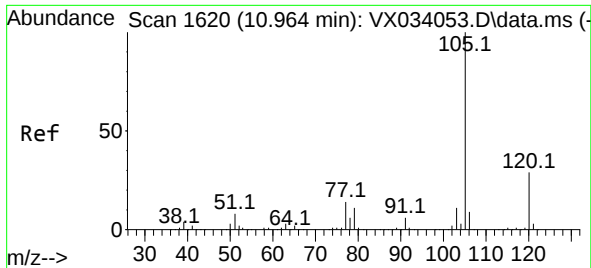
Tgt Ion: 83 Resp: 90295
Ion Ratio Lower Upper
83 100
85 64.4 45.8 85.0
131 12.5 9.1 13.7



#59
Bromoform
Concen: 44.369 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 173 Resp: 54533
Ion Ratio Lower Upper
173 100
175 48.8 38.3 57.5
254 11.6 9.1 13.7

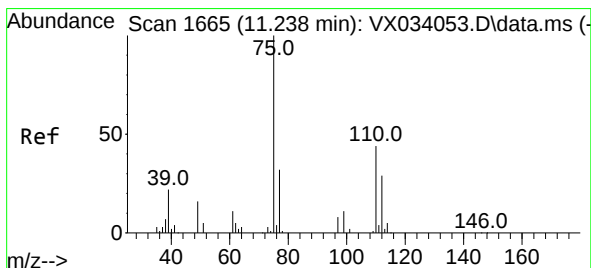
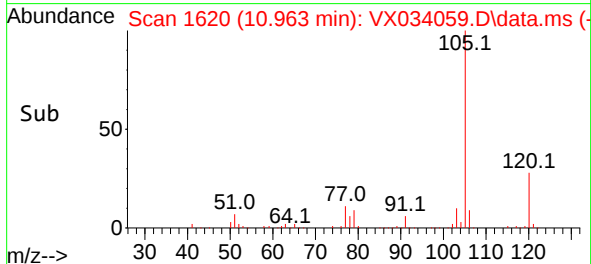
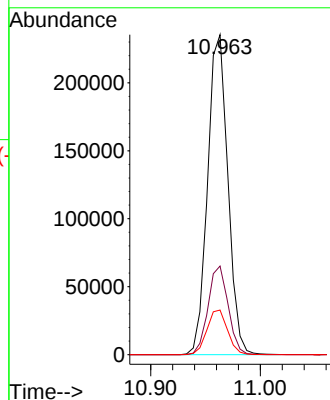
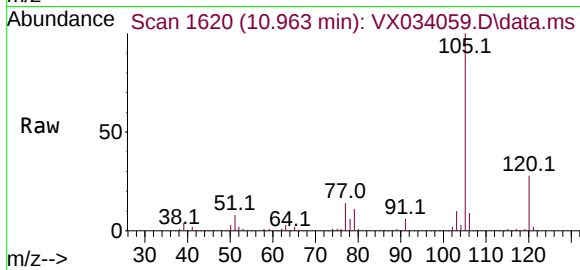




#60
Isopropylbenzene
Concen: 45.753 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

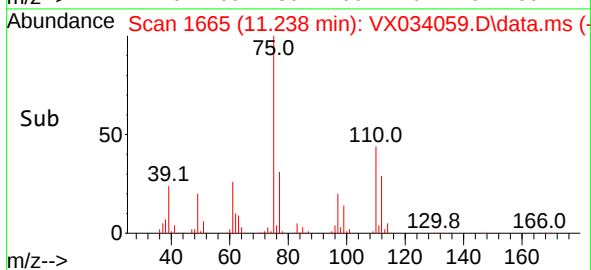
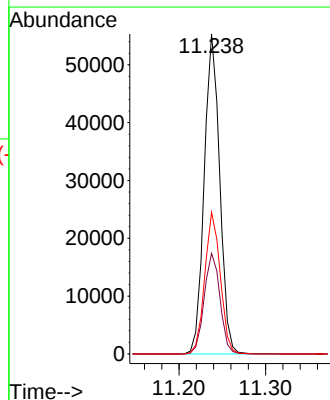
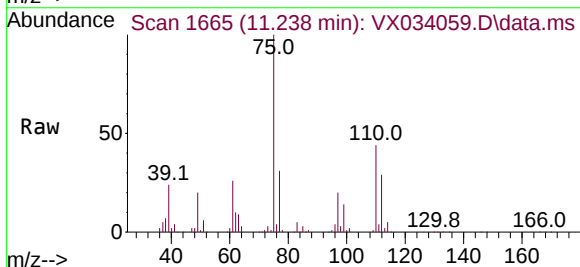
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

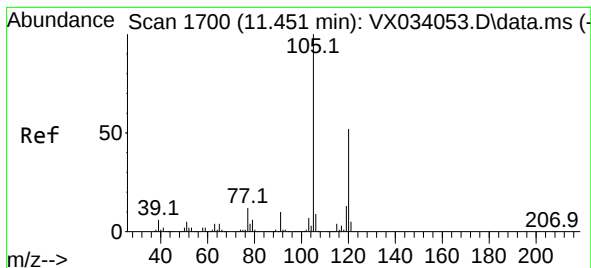
Tgt Ion:105 Resp: 301873
Ion Ratio Lower Upper
105 100
120 27.5 21.8 32.6
77 14.2 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 44.870 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion: 75 Resp: 68794
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 44.4 34.2 51.4

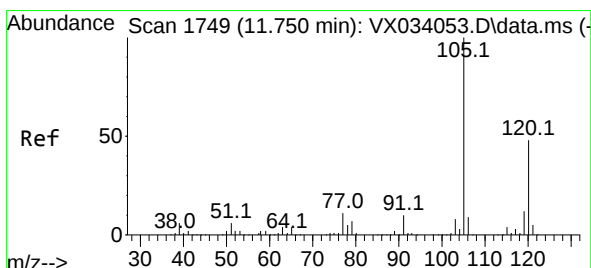
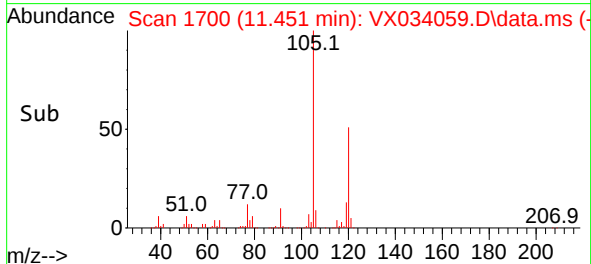
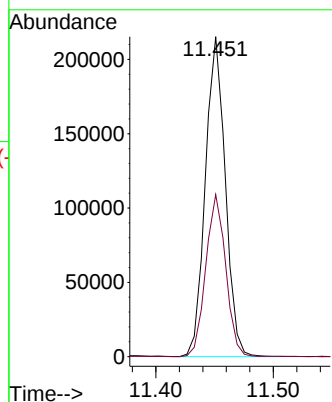
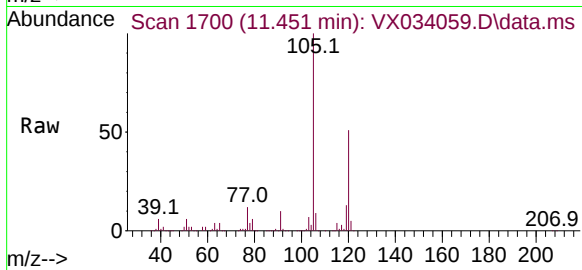




#62
1,3,5-Trimethylbenzene
Concen: 46.988 ug/L
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

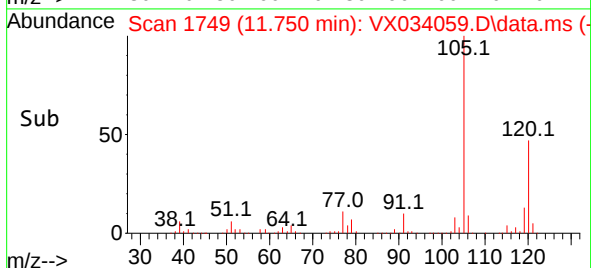
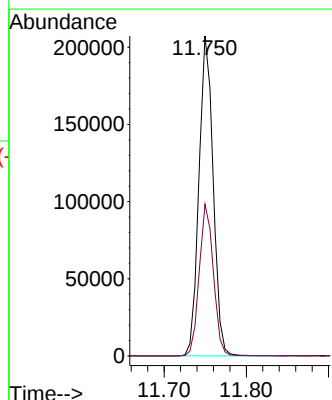
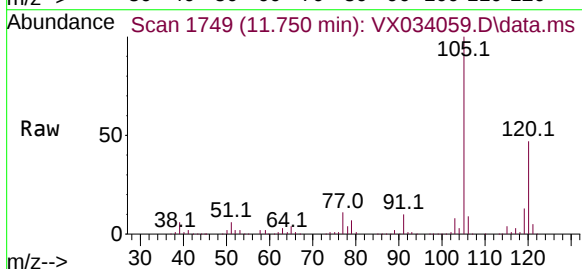
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

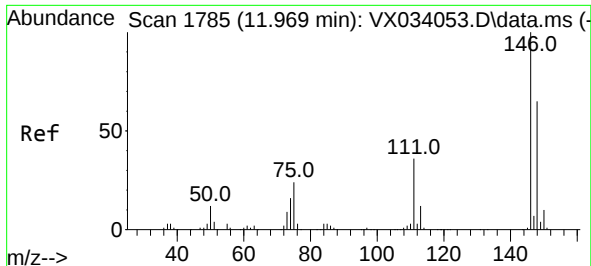
Tgt Ion:105 Resp: 253760
Ion Ratio Lower Upper
105 100
120 50.6 41.3 61.9



#63
1,2,4-Trimethylbenzene
Concen: 46.753 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034059.D
Acq: 07 Feb 2023 14:20

Tgt Ion:105 Resp: 248875
Ion Ratio Lower Upper
105 100
120 47.2 38.5 57.7

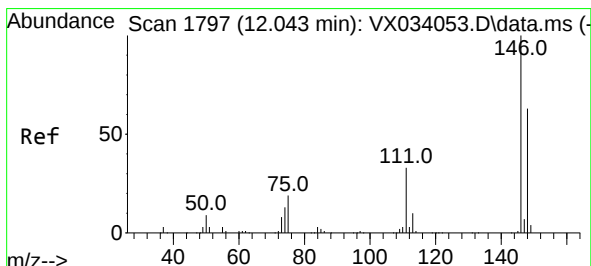
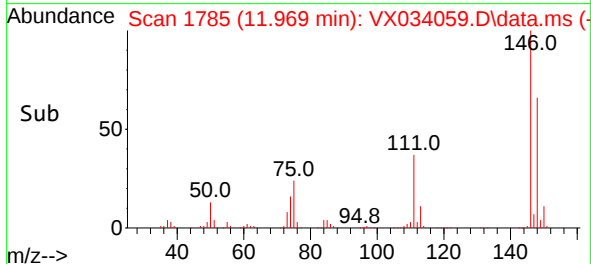
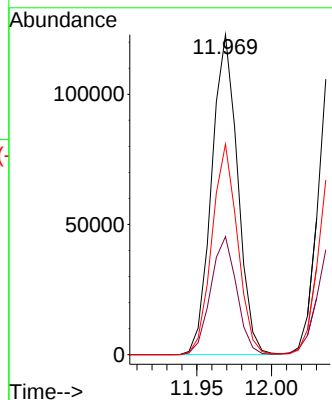
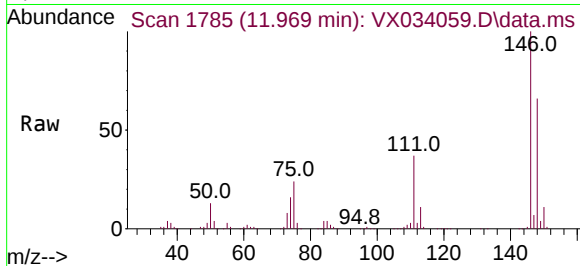




#64
 1,3-Dichlorobenzene
 Concen: 45.282 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX034059.D
 Acq: 07 Feb 2023 14:20

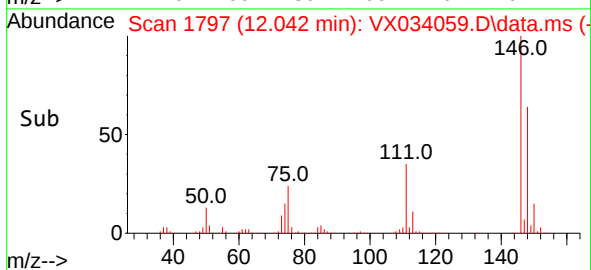
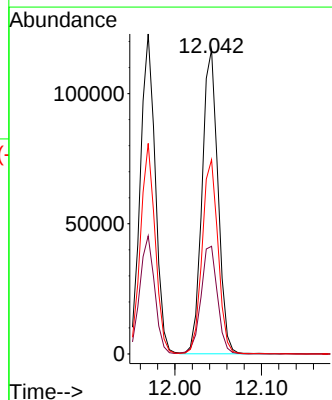
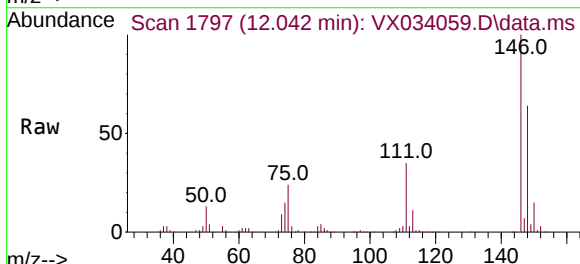
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050621

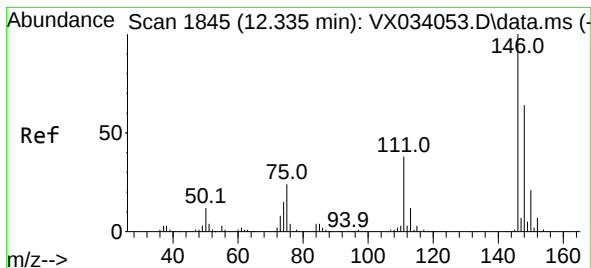
Tgt Ion:146 Resp: 148560
 Ion Ratio Lower Upper
 146 100
 111 36.9 25.5 47.3
 148 65.8 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 44.823 ug/L
 RT: 12.042 min Scan# 1797
 Delta R.T. -0.000 min
 Lab File: VX034059.D
 Acq: 07 Feb 2023 14:20

Tgt Ion:146 Resp: 148830
 Ion Ratio Lower Upper
 146 100
 111 35.4 23.7 44.1
 148 63.8 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 44.929 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

VSTD050621

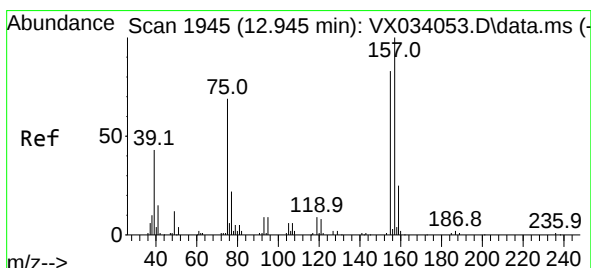
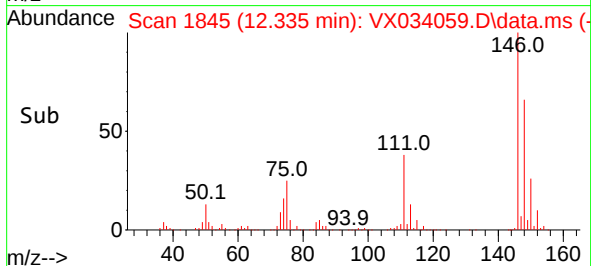
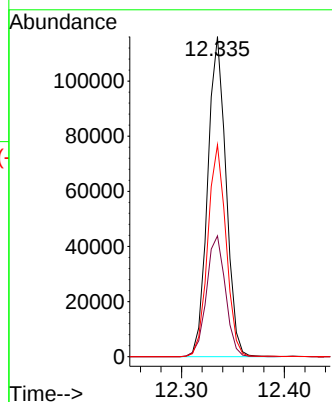
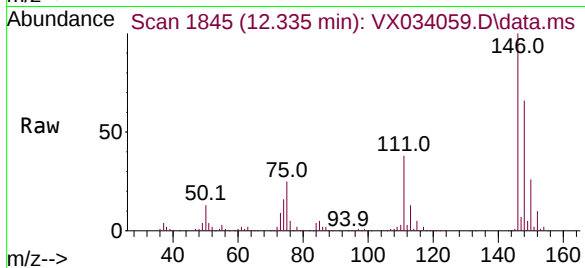
Tgt Ion:146 Resp: 144135

Ion Ratio Lower Upper

146 100

111 37.7 30.4 45.6

148 66.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 45.507 ug/L

RT: 12.938 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

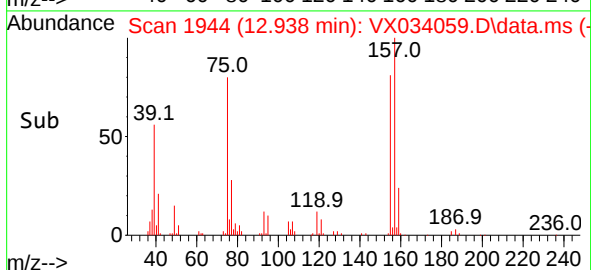
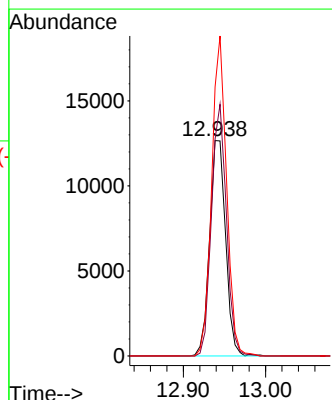
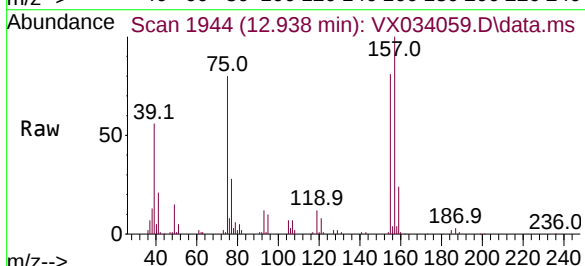
Tgt Ion: 75 Resp: 17094

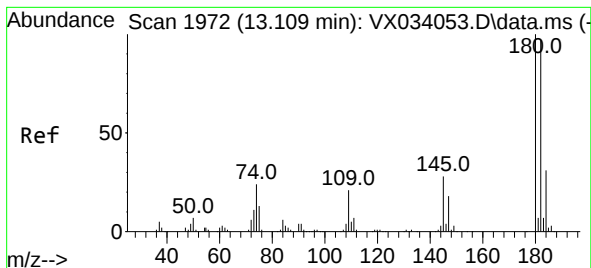
Ion Ratio Lower Upper

75 100

155 100.8 89.0 133.6

157 124.9 116.9 175.3





#69

1,3,5-Trichlorobenzene

Concen: 45.920 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

VSTD050621

Tgt Ion:180 Resp: 113615

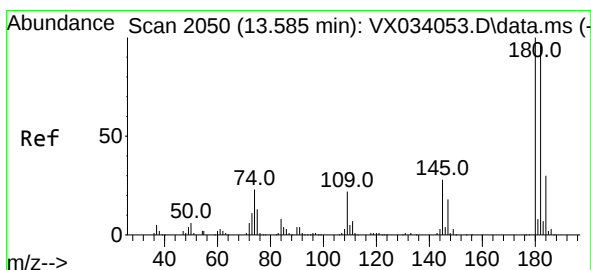
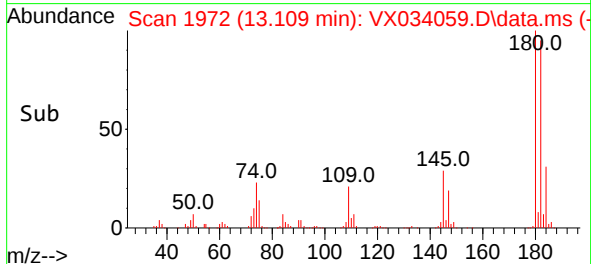
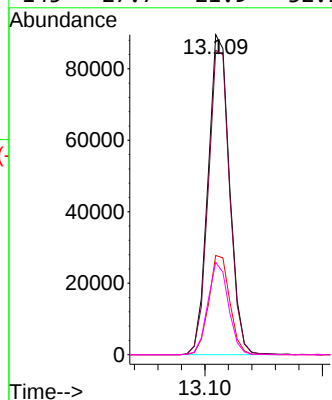
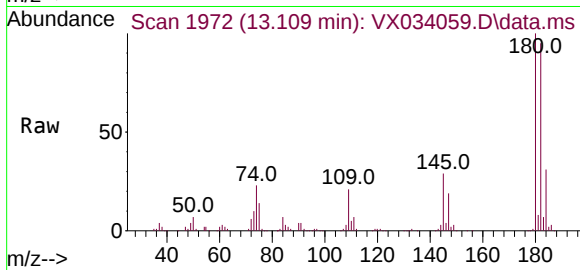
Ion Ratio Lower Upper

180 100

182 95.3 77.3 115.9

184 30.4 24.5 36.7

145 27.7 21.9 32.9



#70

1,2,4-trichlorobenzene

Concen: 46.375 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

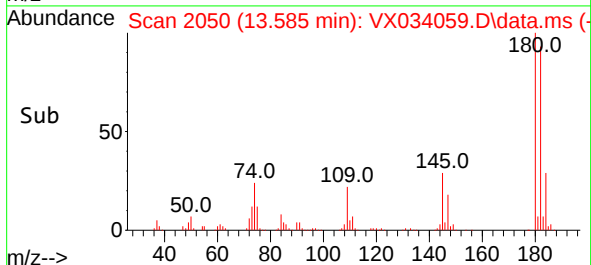
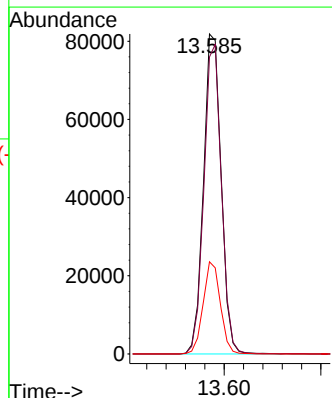
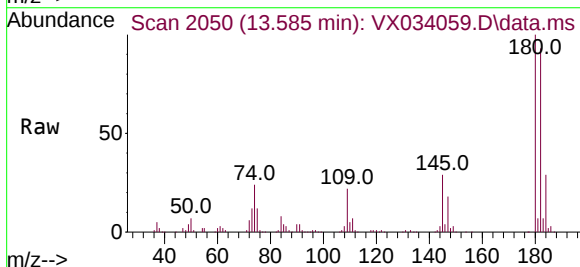
Tgt Ion:180 Resp: 104161

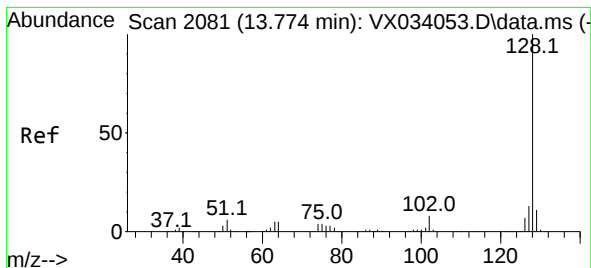
Ion Ratio Lower Upper

180 100

182 95.8 76.5 114.7

145 28.1 22.3 33.5





#71

Naphthalene

Concen: 46.570 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

VSTD050621

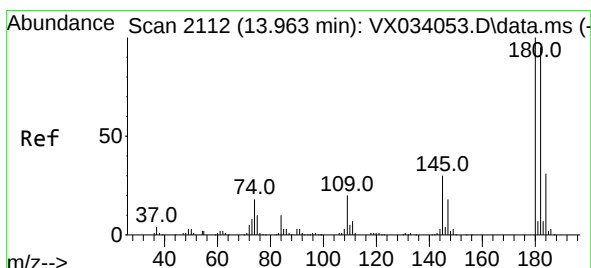
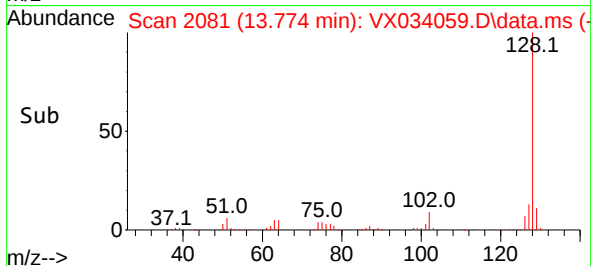
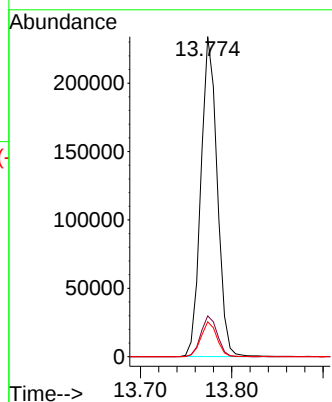
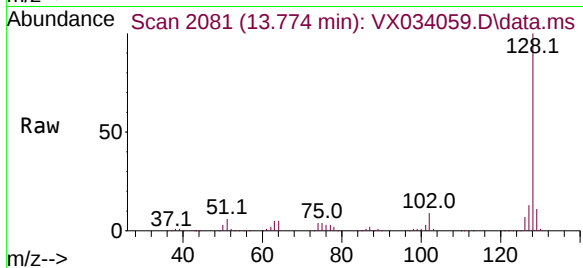
Tgt Ion:128 Resp: 289584

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 46.553 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034059.D

Acq: 07 Feb 2023 14:20

Tgt Ion:180 Resp: 103222

Ion Ratio Lower Upper

180 100

182 95.7 77.1 115.7

145 29.7 23.5 35.3

