

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054432.D
 Acq On : 07 Jun 2023 23:48
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Quant Time: Jun 08 01:26:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:20:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	325169	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	304448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	160897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	87106	4.209	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.914	69	84679	4.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.563	65	38339	4.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.631	46	282906	48.623	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.240%
24) Chloroform-d	5.058	84	196473	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.698	65	99542	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.724	84	380123	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.685	67	129863	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.894	98	343903	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	43646	4.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.627	63	191808	46.517	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	100527	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	126791	4.672	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	150510	4.954	ug/L	98
3) Chloromethane	1.518	50	169110	4.845	ug/L	100
5) Vinyl chloride	1.602	62	176761	4.934	ug/L	100
6) Bromomethane	1.859	94	92778	4.710	ug/L	96
8) Chloroethane	1.933	64	106203	4.946	ug/L	100
9) Trichlorofluoromethane	2.136	101	219674	4.988	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	127670	4.955	ug/L	99
12) 1,1-Dichloroethene	2.576	96	116369	4.934	ug/L	92
13) Acetone	2.644	43	199205	36.312	ug/L	98
14) Carbon disulfide	2.792	76	340386	4.867	ug/L	99
15) Methyl Acetate	2.952	43	52993	5.213	ug/L	99
16) Methylene chloride	3.042	84	133943	4.039	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	290487	4.990	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	118890	4.882	ug/L	98
19) 1,1-Dichloroethane	3.866	63	252887	5.018	ug/L	100
21) 2-Butanone	4.711	43	339960	47.749	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	139766	5.040	ug/L	97
23) Bromochloromethane	4.972	128	57378	4.973	ug/L	95
25) Chloroform	5.084	83	248831	5.009	ug/L	99

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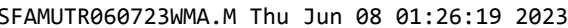
Instrument :
 MSVOA_U
 ClientSampleId :
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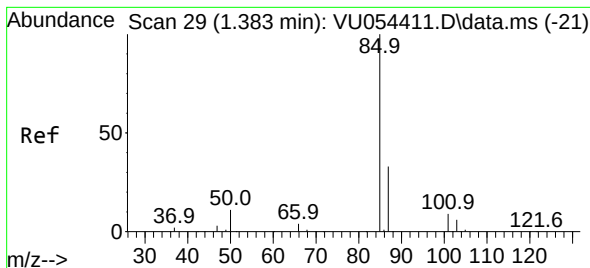
Quant Time: Jun 08 01:26:07 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	150254	5.160	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	205881	4.987	ug/L	98
30) Cyclohexane	5.383	56	219490	4.881	ug/L	99
31) Carbon tetrachloride	5.521	117	175911	4.945	ug/L	99
33) Benzene	5.769	78	545380	4.984	ug/L	100
34) Trichloroethene	6.537	95	139880	4.835	ug/L	98
35) Methylcyclohexane	6.759	83	208160	4.760	ug/L	99
37) 1,2-Dichloropropane	6.785	63	148412	5.016	ug/L	100
38) Bromodichloromethane	7.100	83	168238	5.024	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	199441	4.938	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	800170	50.683	ug/L	100
42) Toluene	7.965	91	567998	5.041	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	161194	4.918	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	96605	5.133	ug/L	99
47) Tetrachloroethene	8.550	164	104721	4.728	ug/L	97
48) 2-Hexanone	8.679	43	591600	50.291	ug/L	100
49) Dibromochloromethane	8.804	129	98792	4.999	ug/L	98
50) 1,2-Dibromoethane	8.920	107	89480	5.179	ug/L	94
51) Chlorobenzene	9.441	112	344158	4.900	ug/L	99
52) Ethylbenzene	9.566	91	613339	4.984	ug/L	98
53) m,p-Xylene	9.688	106	227992	5.043	ug/L	96
54) o-Xylene	10.097	106	219705	5.026	ug/L	99
55) Styrene	10.110	104	367747	5.012	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	118031	4.937	ug/L	98
59) Bromoform	10.287	173	58179	5.037	ug/L	97
60) Isopropylbenzene	10.479	105	594367	5.050	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	82784	5.091	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	474440	4.940	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	482584	4.948	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	272827	4.959	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	267552	4.845	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	249155	4.924	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	17331	4.850	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	188539	4.542	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	151902	4.425	ug/L	99
71) Naphthalene	14.081	128	231133	4.141	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	130552	4.427	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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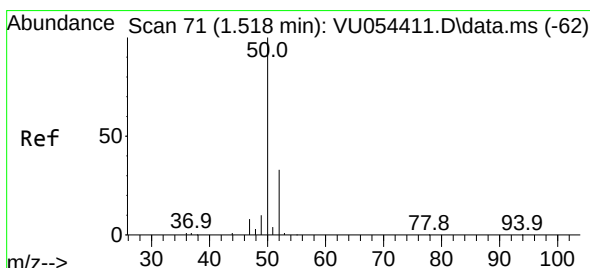
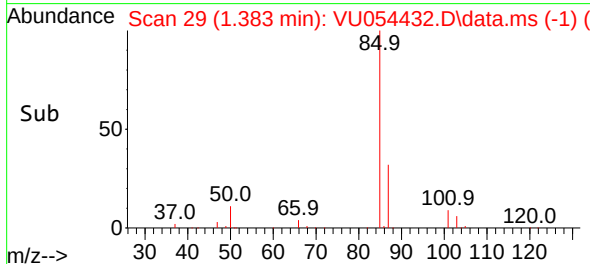
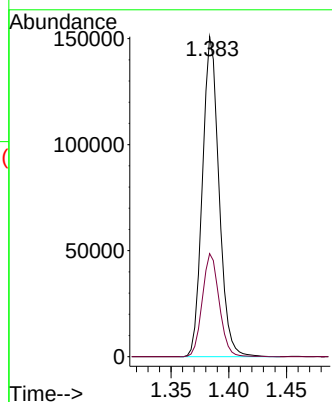
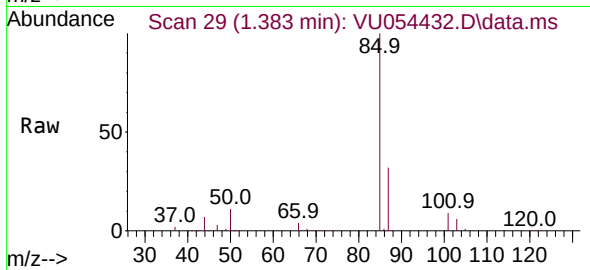




#2
 Dichlorodifluoromethane
 Concen: 4.954 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

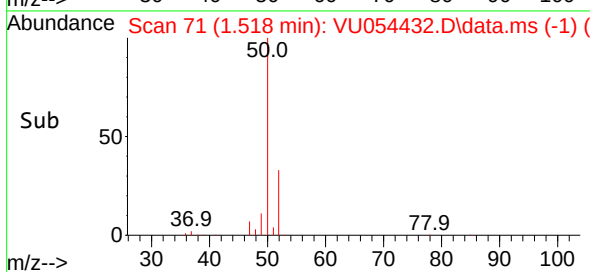
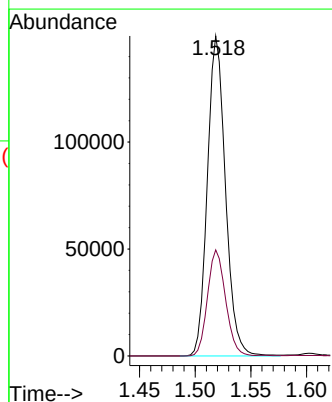
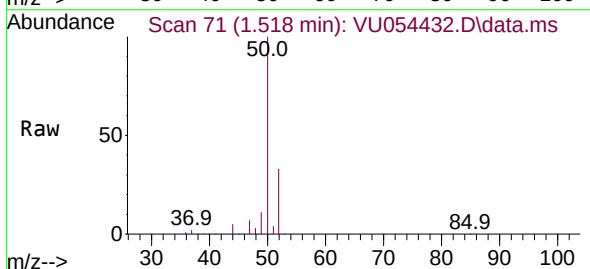
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

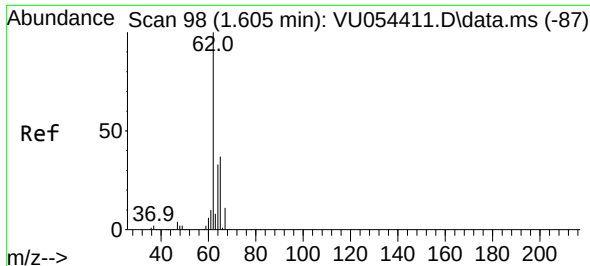
Tgt Ion: 85 Resp: 150510
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.4 38.2



#3
 Chloromethane
 Concen: 4.845 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

Tgt Ion: 50 Resp: 169110
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.4

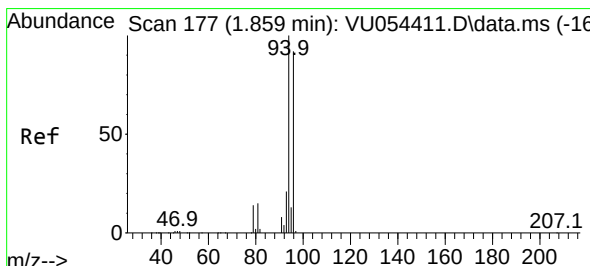
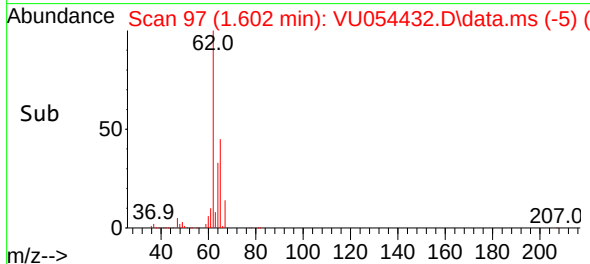
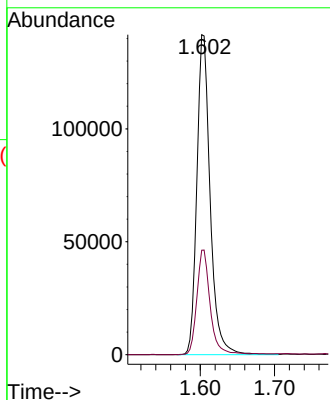
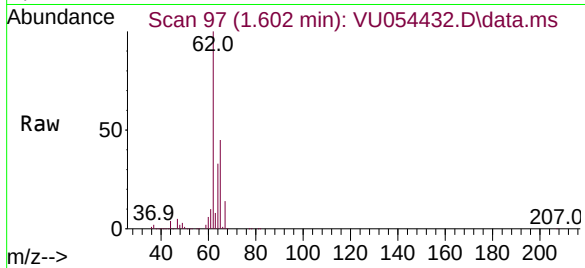




#5
 Vinyl chloride
 Concen: 4.934 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

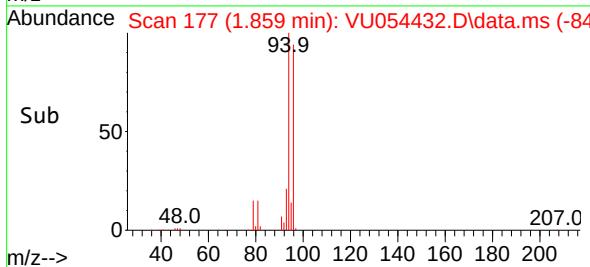
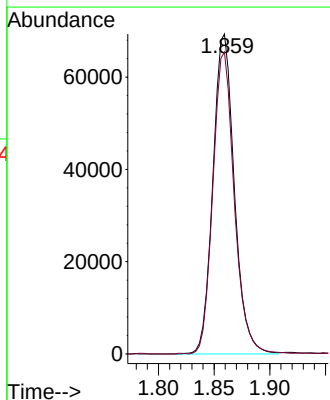
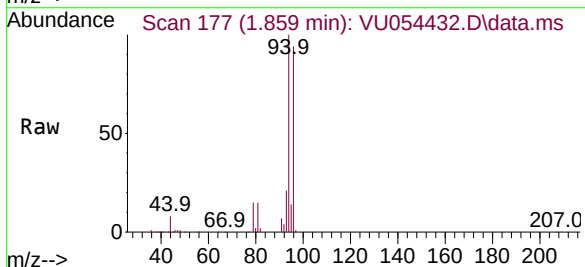
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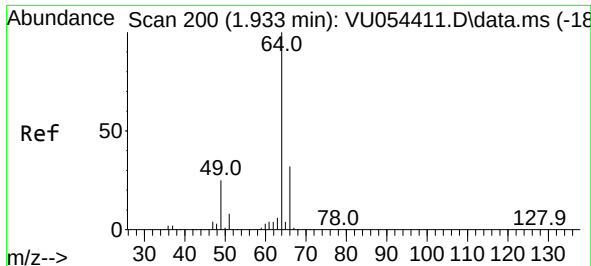
Tgt Ion: 62 Resp: 176761
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#6
 Bromomethane
 Concen: 4.710 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.000 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

Tgt Ion: 94 Resp: 92778
 Ion Ratio Lower Upper
 94 100
 96 94.3 63.6 118.2





#8

Chloroethane

Concen: 4.946 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

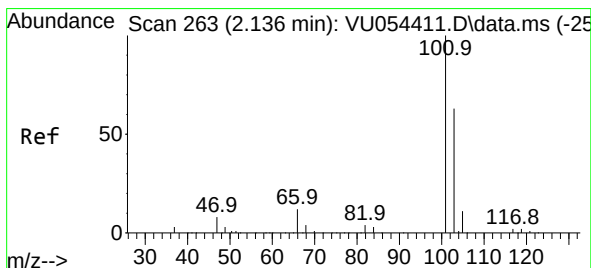
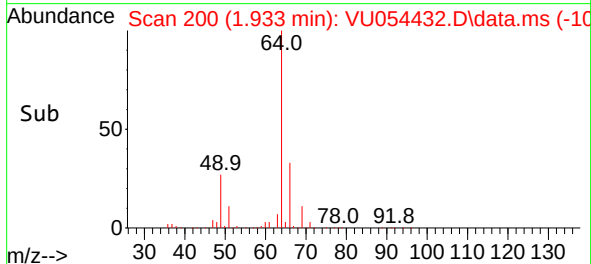
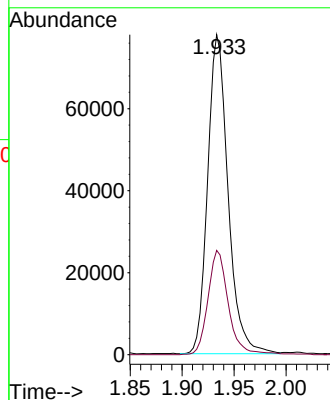
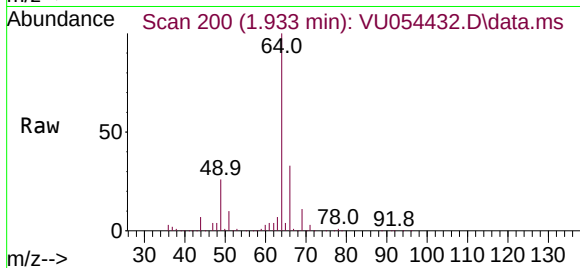
VSTD005174

Tgt Ion: 64 Resp: 106203

Ion Ratio Lower Upper

64 100

66 32.6 22.9 42.5



#9

Trichlorofluoromethane

Concen: 4.988 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.000 min

Lab File: VU054432.D

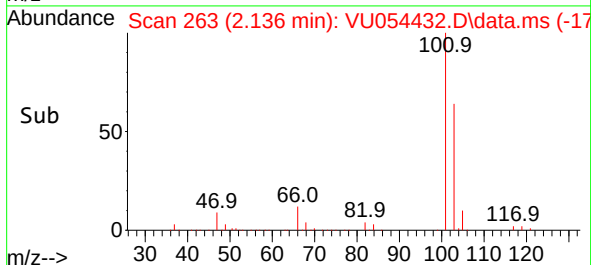
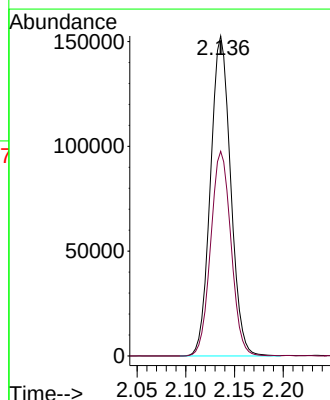
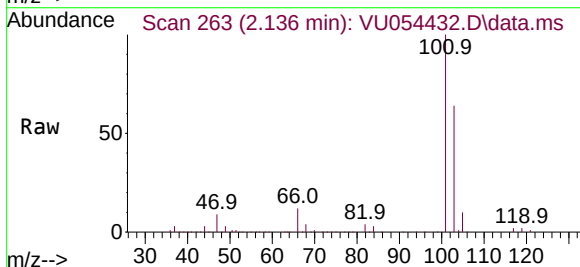
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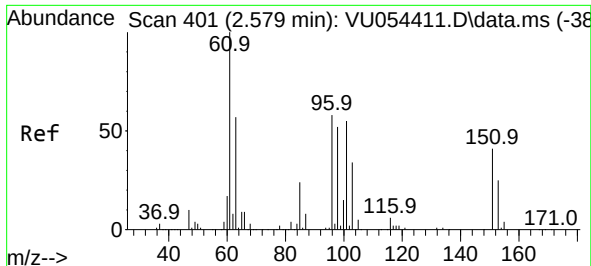
Tgt Ion:101 Resp: 219674

Ion Ratio Lower Upper

101 100

103 64.4 50.6 75.8

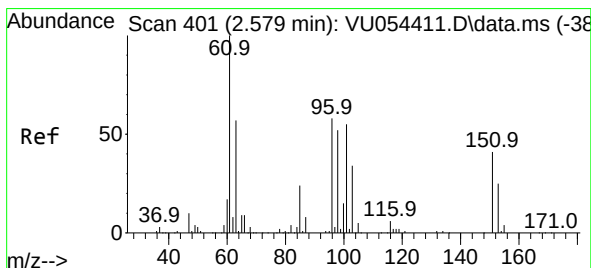
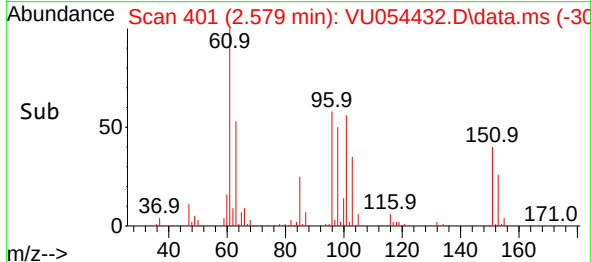
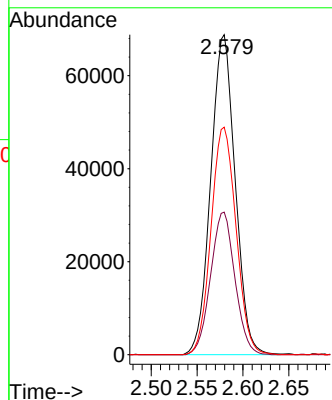
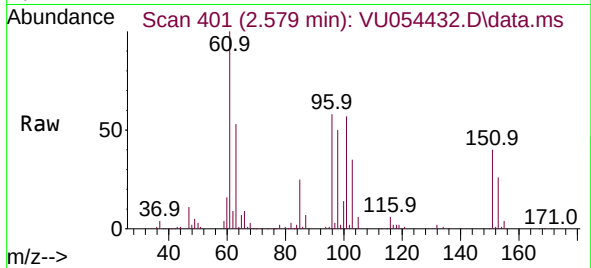




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.955 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

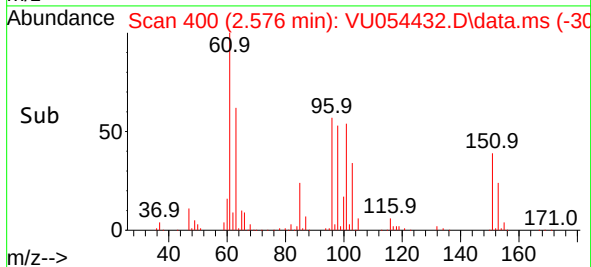
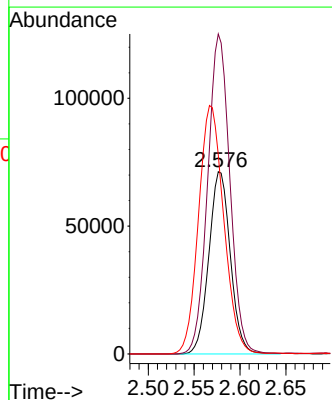
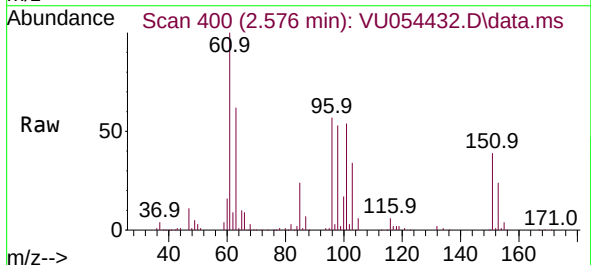
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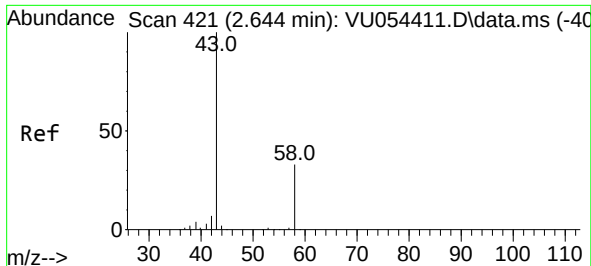
Tgt Ion:101 Resp: 127670
Ion Ratio Lower Upper
101 100
85 44.3 34.6 51.8
151 72.8 57.7 86.5



#12
1,1-Dichloroethene
Concen: 4.934 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion: 96 Resp: 116369
Ion Ratio Lower Upper
96 100
61 175.5 119.9 222.7
63 109.3 64.3 119.3





#13

Acetone

Concen: 36.312 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

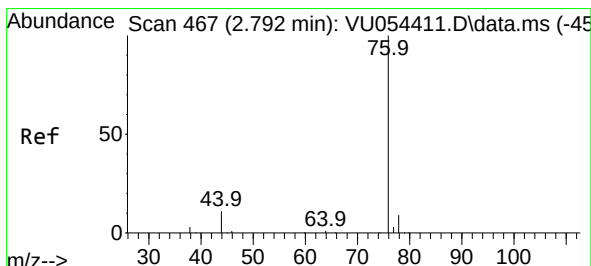
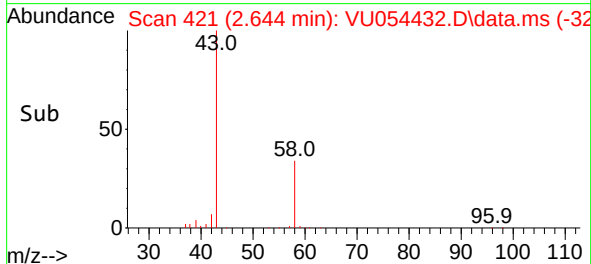
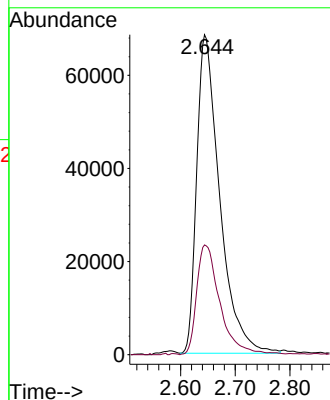
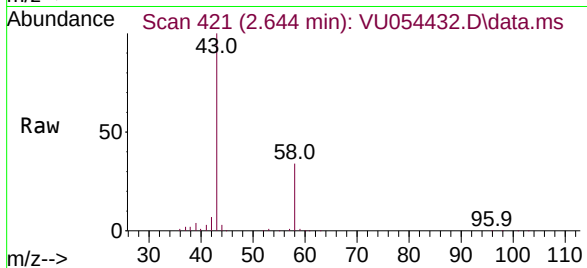
VSTD005174

Tgt Ion: 43 Resp: 199205

Ion Ratio Lower Upper

43 100

58 34.6 0.0 67.2



#14

Carbon disulfide

Concen: 4.867 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU054432.D

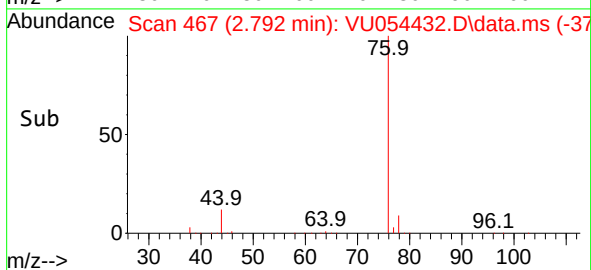
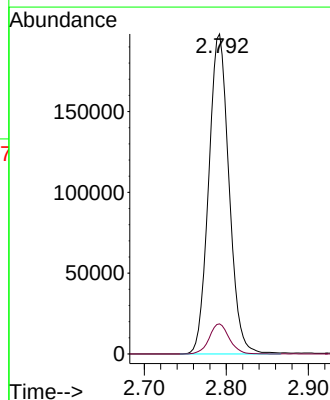
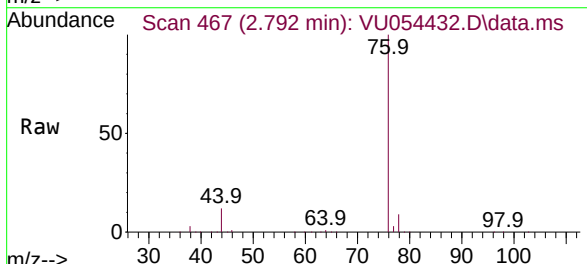
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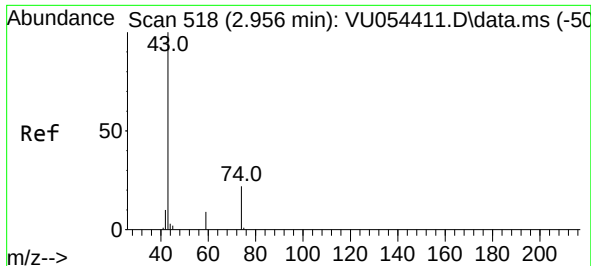
Tgt Ion: 76 Resp: 340386

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

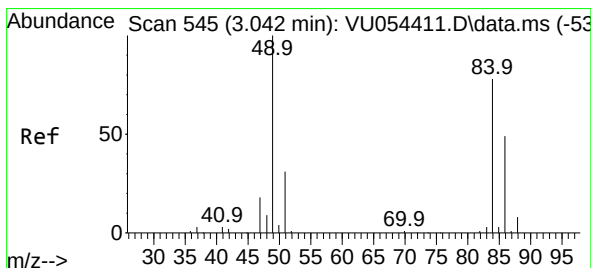
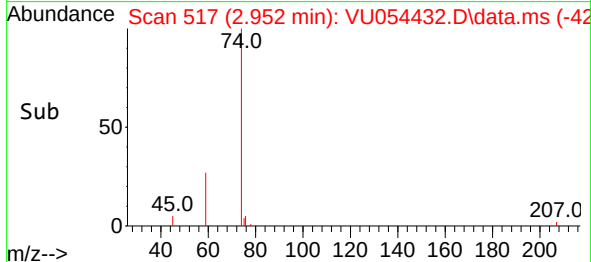
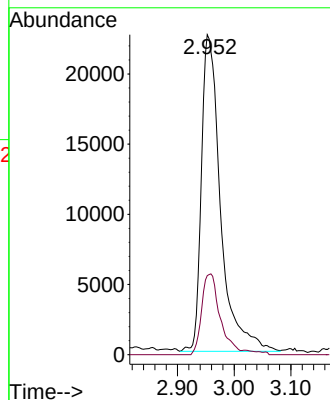
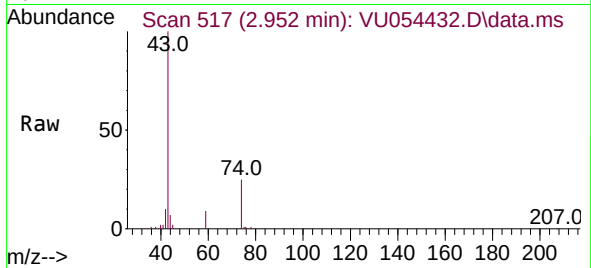




#15
Methyl Acetate
Concen: 5.213 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

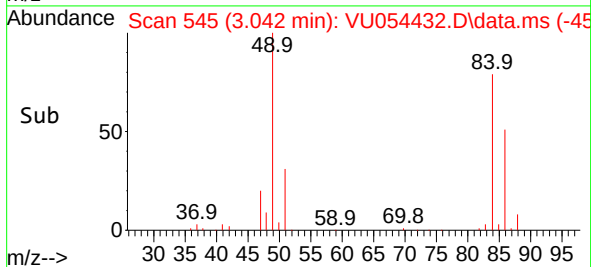
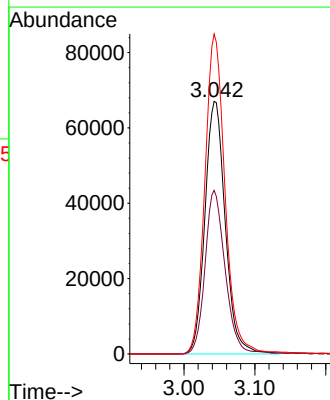
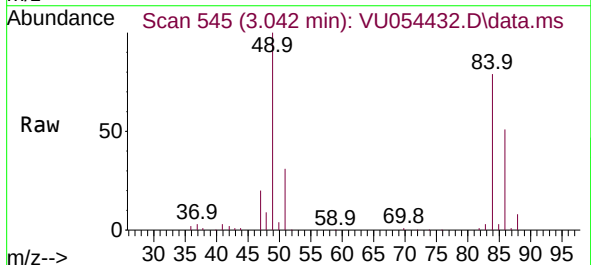
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

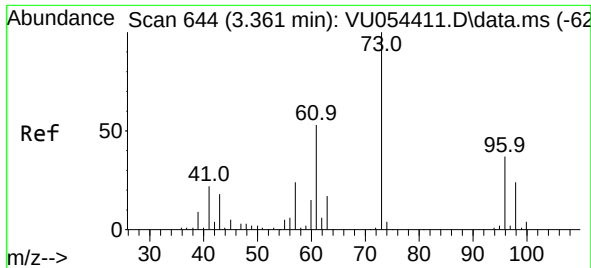
Tgt Ion: 43 Resp: 52993
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.6



#16
Methylene chloride
Concen: 4.039 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion: 84 Resp: 133943
Ion Ratio Lower Upper
84 100
86 64.7 43.9 81.5
49 126.7 86.1 159.9

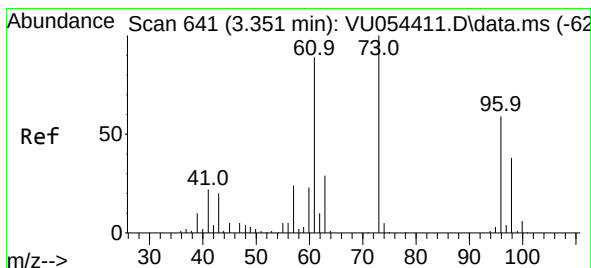
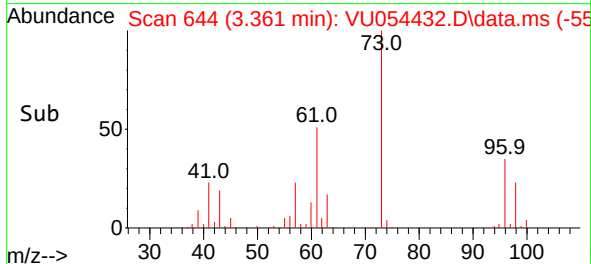
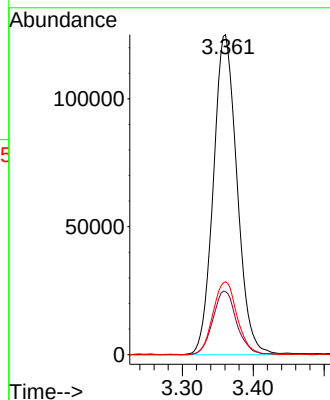
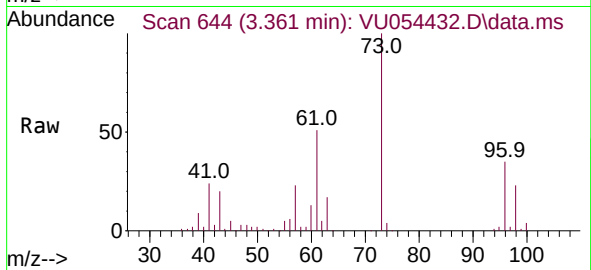




#17
Methyl tert-butyl Ether
Concen: 4.990 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

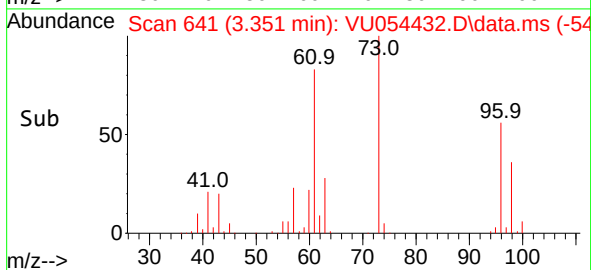
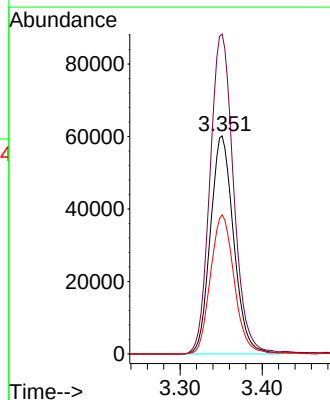
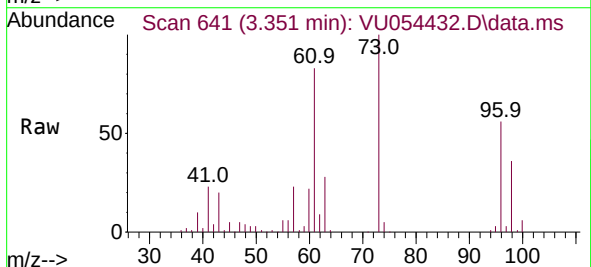
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

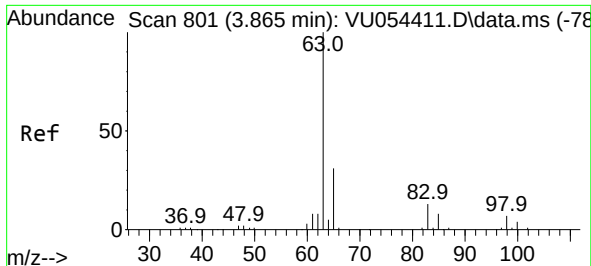
Tgt Ion: 73 Resp: 290487
Ion Ratio Lower Upper
73 100
43 20.1 15.7 23.5
57 23.2 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 4.882 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion: 96 Resp: 118890
Ion Ratio Lower Upper
96 100
61 146.7 104.6 194.2
98 63.7 45.4 84.4





#19

1,1-Dichloroethane

Concen: 5.018 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

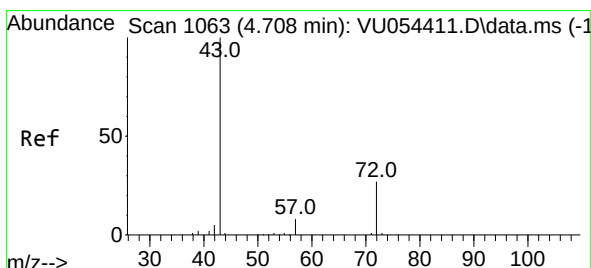
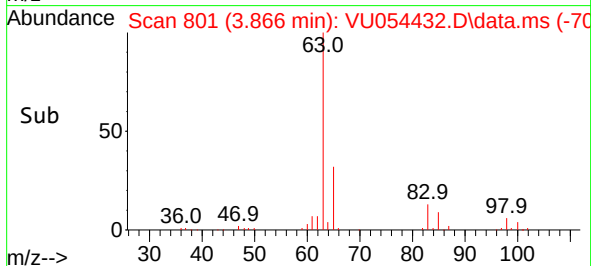
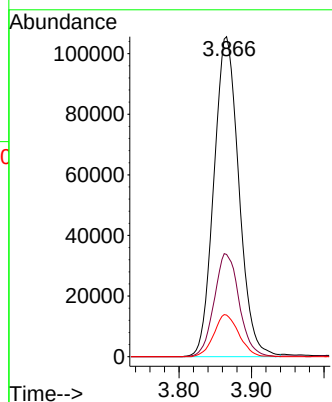
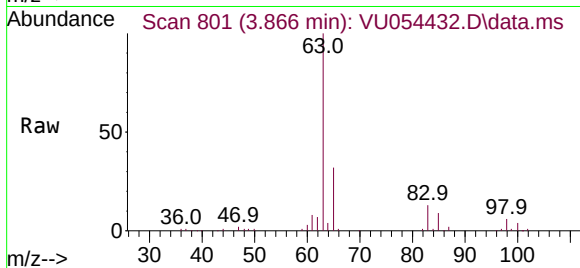
Tgt Ion: 63 Resp: 252887

Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

83 13.0 9.0 16.6



#21

2-Butanone

Concen: 47.749 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.003 min

Lab File: VU054432.D

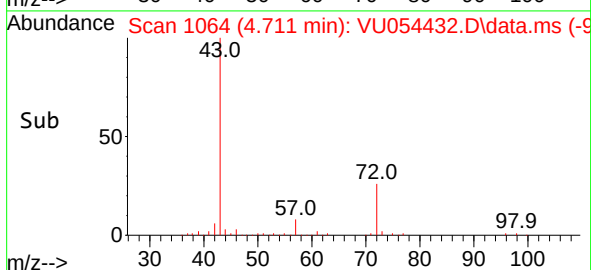
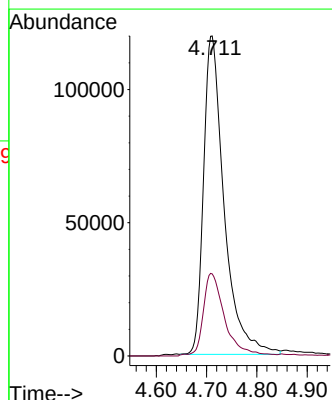
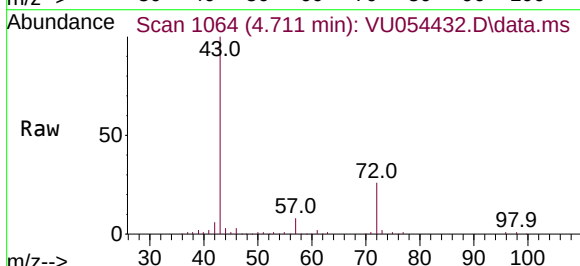
Acq: 07 Jun 2023 23:48

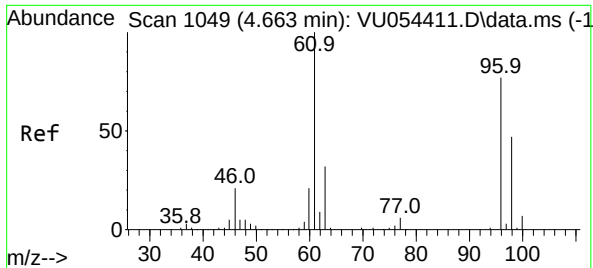
Tgt Ion: 43 Resp: 339960

Ion Ratio Lower Upper

43 100

72 27.0 13.4 40.1



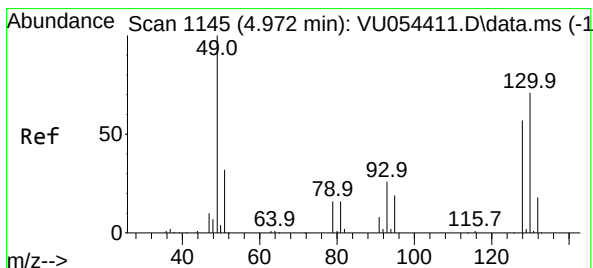
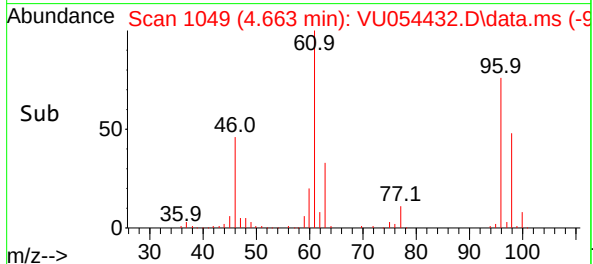
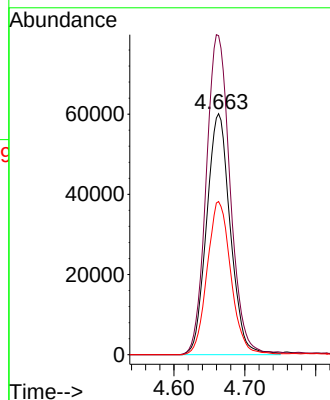
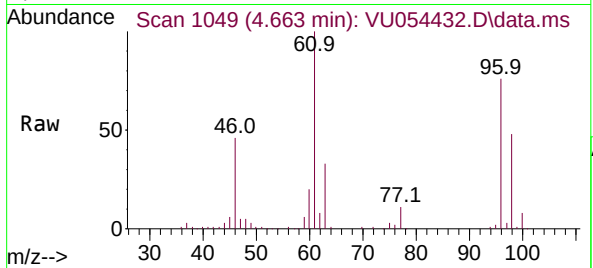


#22
 cis-1,2-Dichloroethene
 Concen: 5.040 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Tgt Ion: 96 Resp: 139766

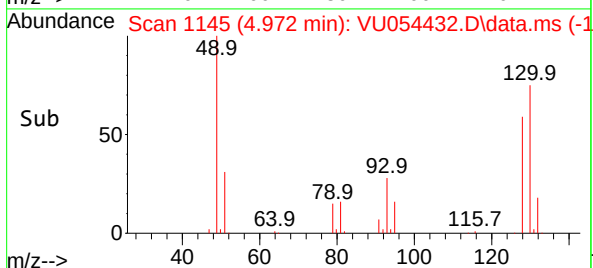
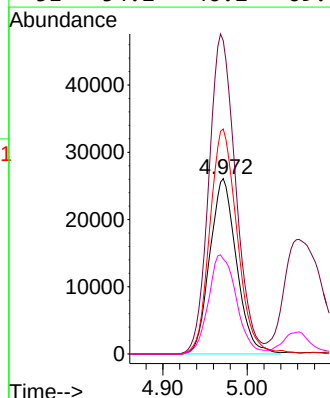
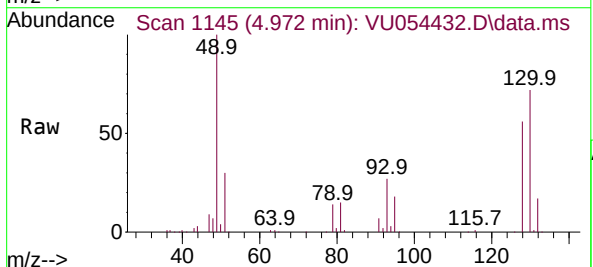
Ion	Ratio	Lower	Upper
96	100		
61	132.4	96.5	179.1
98	63.5	44.9	83.3

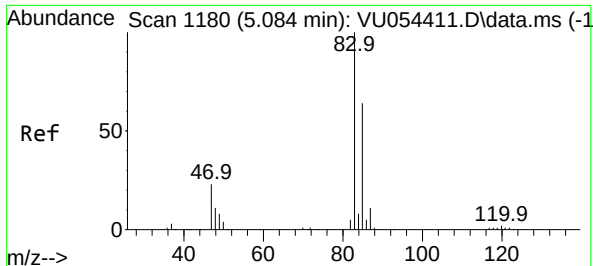


#23
 Bromochloromethane
 Concen: 4.973 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

Tgt Ion: 128 Resp: 57378

Ion	Ratio	Lower	Upper
128	100		
49	178.7	132.1	245.3
130	128.3	91.5	169.9
51	54.2	46.2	69.4





#25

Chloroform

Concen: 5.009 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

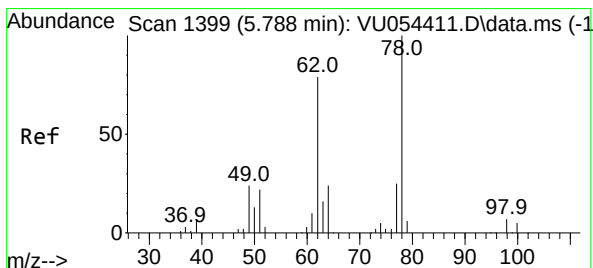
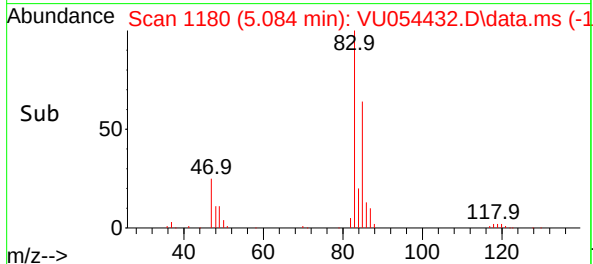
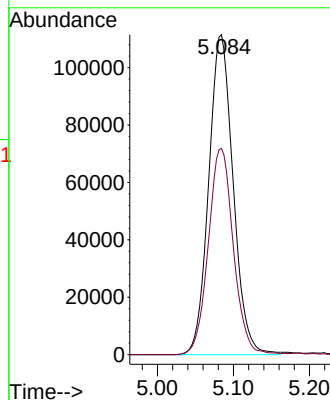
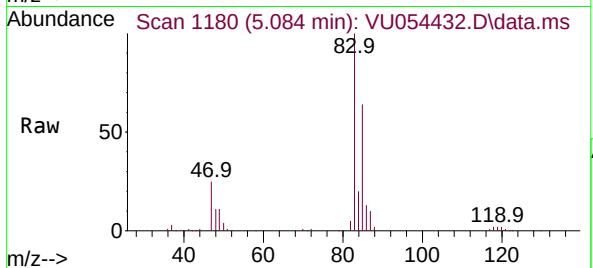
VSTD005174

Tgt Ion: 83 Resp: 248831

Ion Ratio Lower Upper

83 100

85 64.4 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.160 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU054432.D

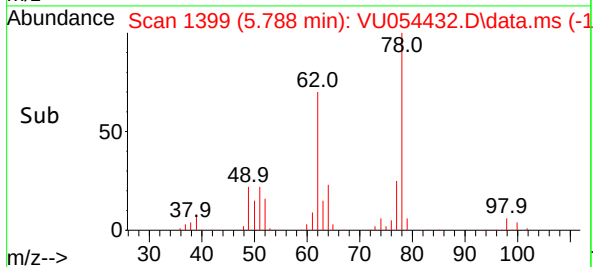
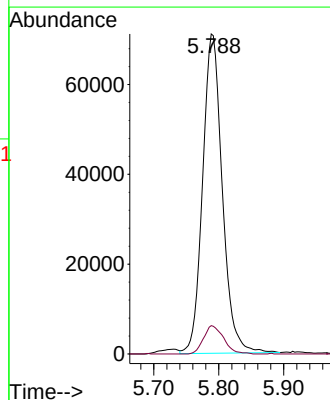
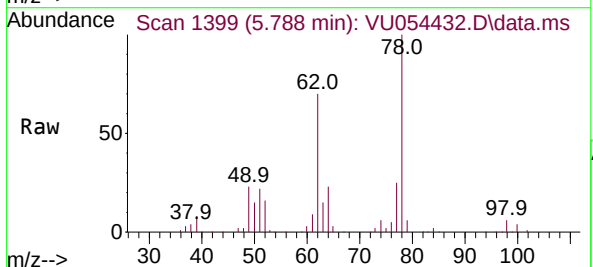
Acq: 07 Jun 2023 23:48

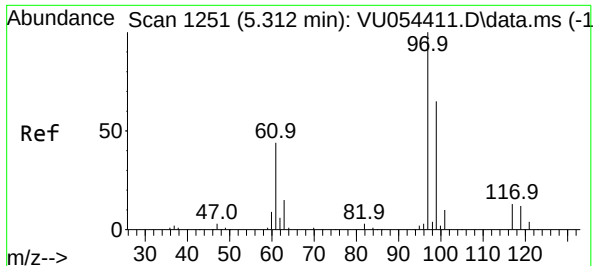
Tgt Ion: 62 Resp: 150254

Ion Ratio Lower Upper

62 100

98 8.9 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 4.987 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

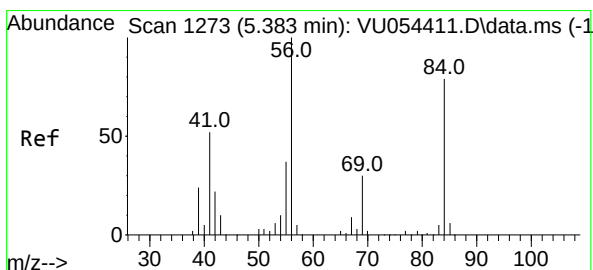
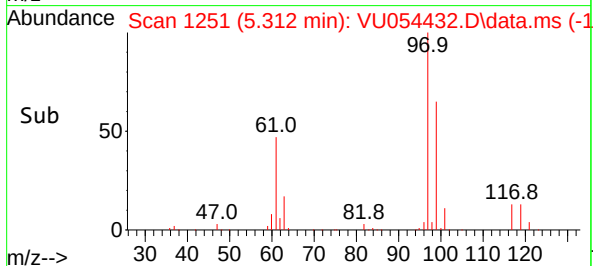
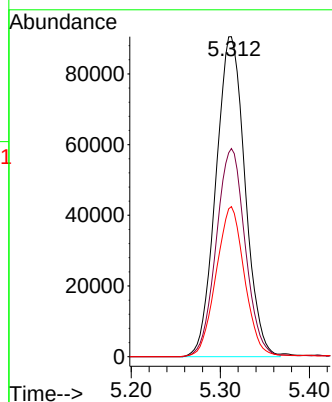
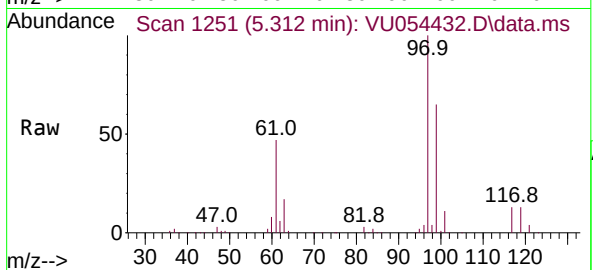
Tgt Ion: 97 Resp: 205881

Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

61 46.0 36.1 54.1



#30

Cyclohexane

Concen: 4.881 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

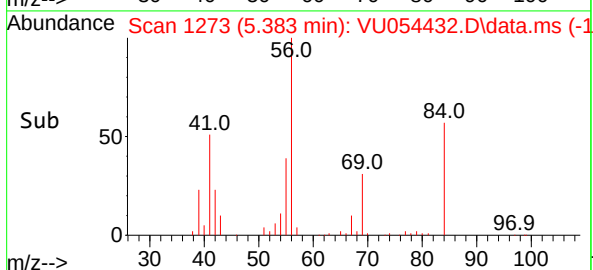
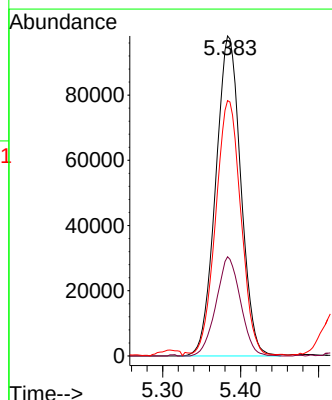
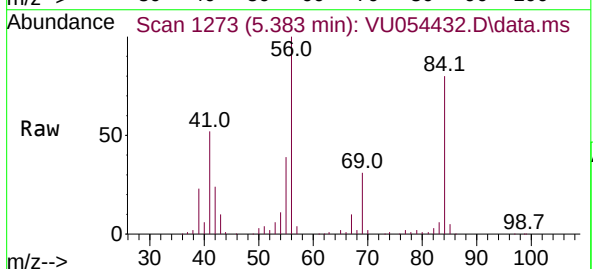
Tgt Ion: 56 Resp: 219490

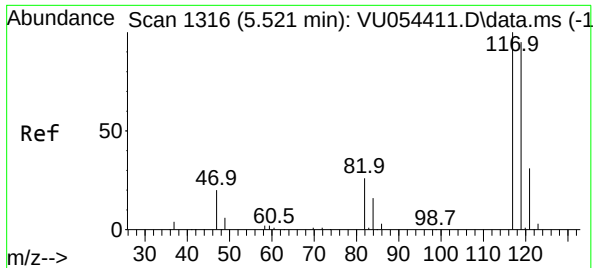
Ion Ratio Lower Upper

56 100

69 30.1 23.9 35.9

84 80.5 63.0 94.6

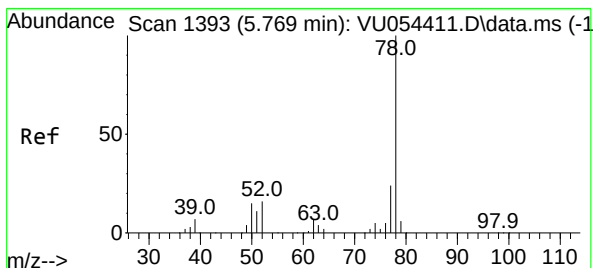
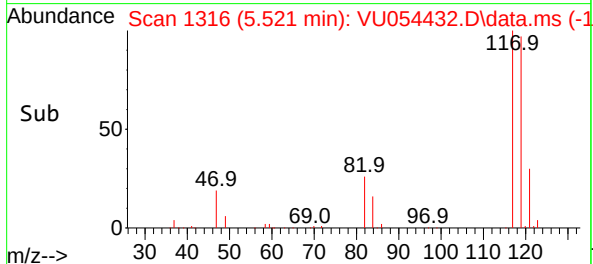
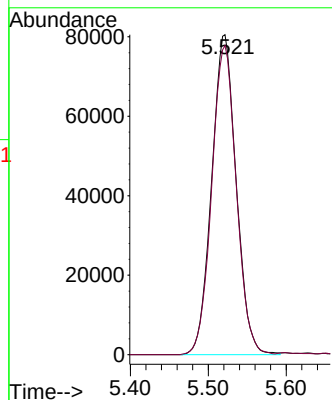
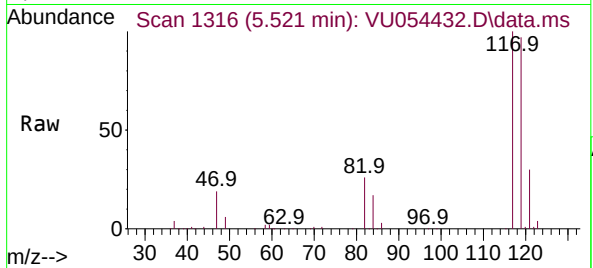




#31
Carbon tetrachloride
Concen: 4.945 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

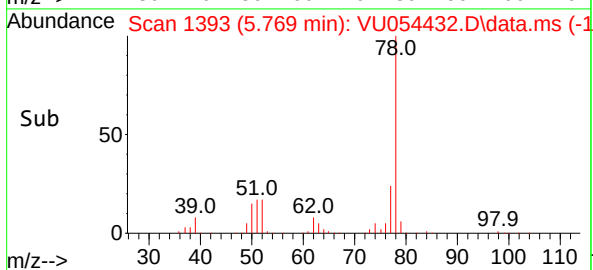
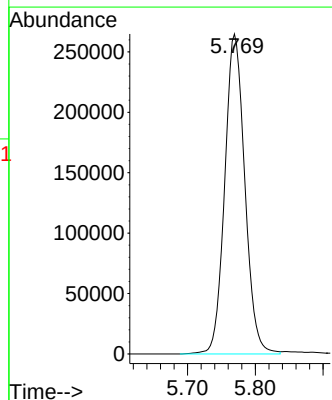
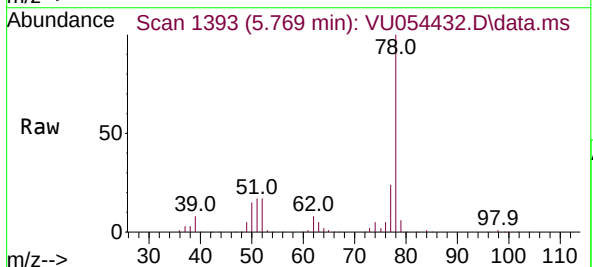
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

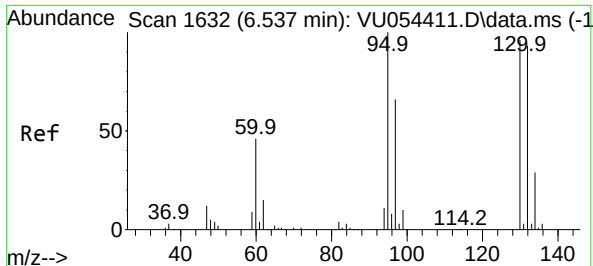
Tgt Ion:117 Resp: 175911
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2



#33
Benzene
Concen: 4.984 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion: 78 Resp: 545380

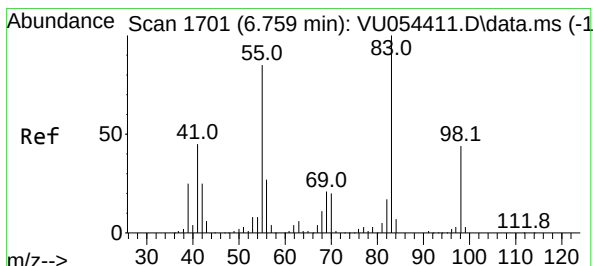
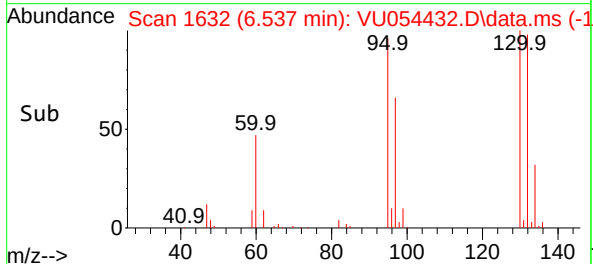
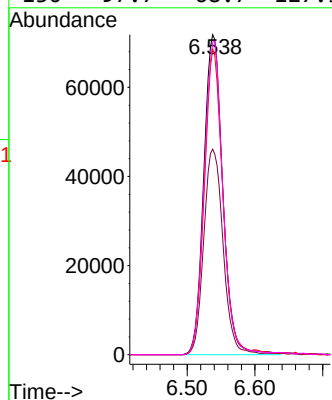
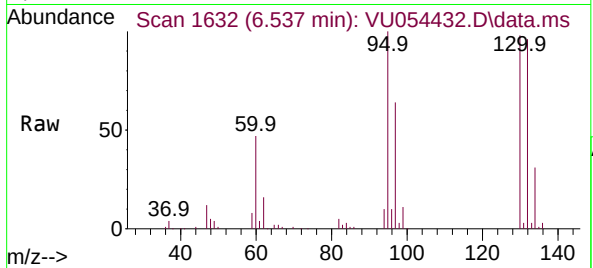




#34
Trichloroethene
Concen: 4.835 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

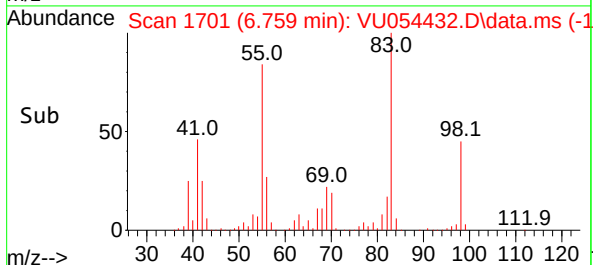
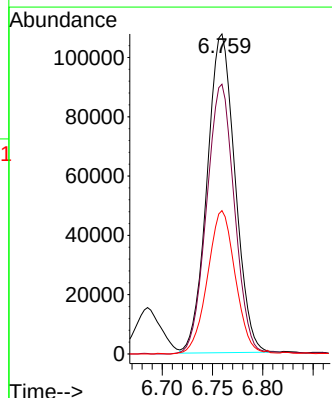
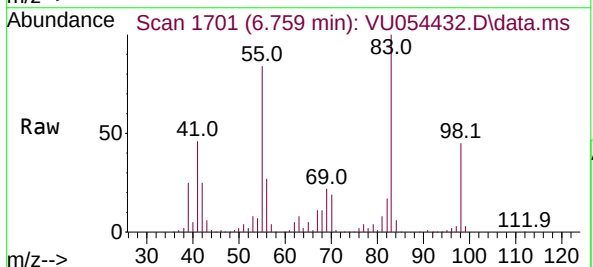
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

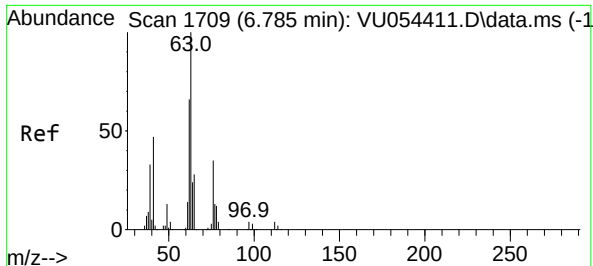
Tgt Ion: 95 Resp: 139880
Ion Ratio Lower Upper
95 100
97 64.3 46.8 87.0
132 95.5 68.4 127.0
130 97.7 68.7 127.5



#35
Methylcyclohexane
Concen: 4.760 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion: 83 Resp: 208160
Ion Ratio Lower Upper
83 100
55 84.8 67.1 100.7
98 44.9 35.1 52.7





#37

1,2-Dichloropropane

Concen: 5.016 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

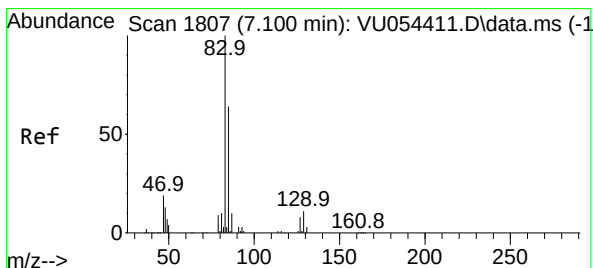
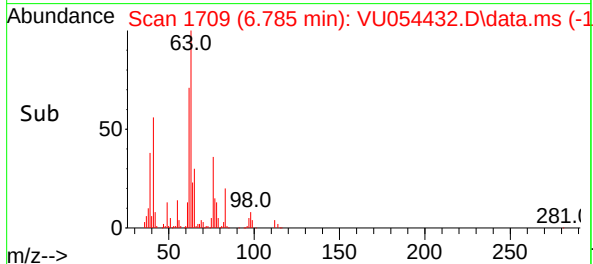
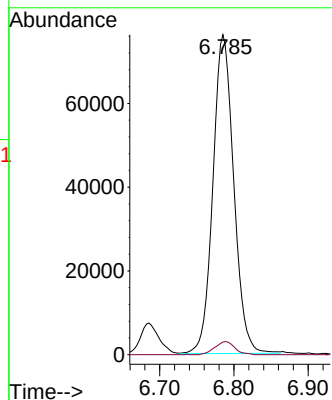
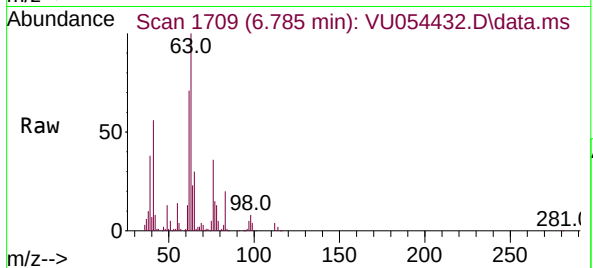
VSTD005174

Tgt Ion: 63 Resp: 148412

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 5.024 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

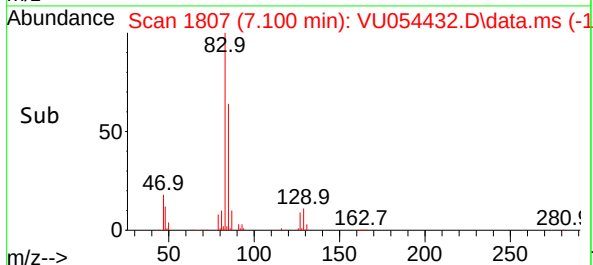
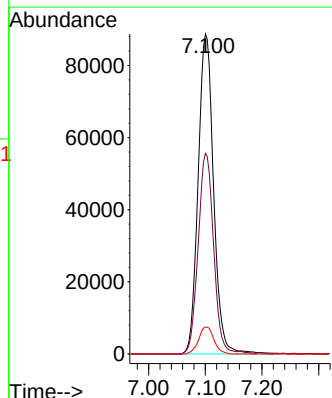
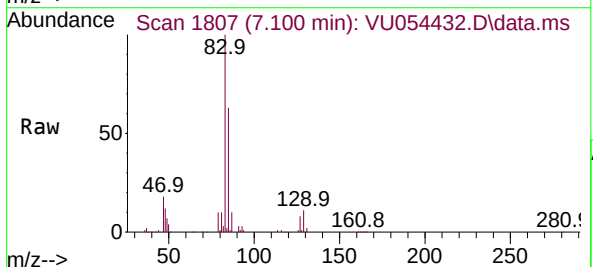
Tgt Ion: 83 Resp: 168238

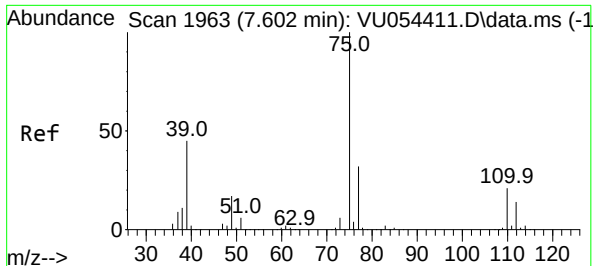
Ion Ratio Lower Upper

83 100

85 62.7 44.1 81.9

127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.938 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

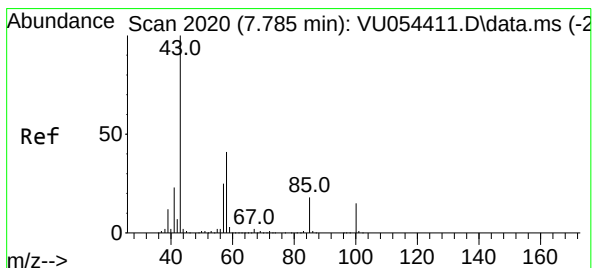
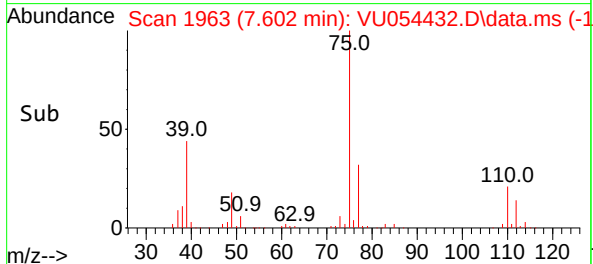
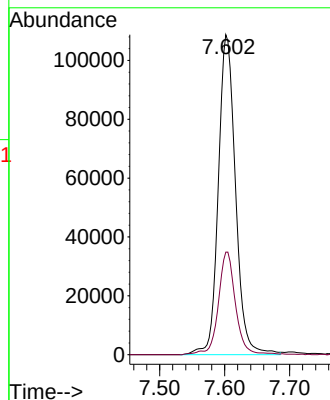
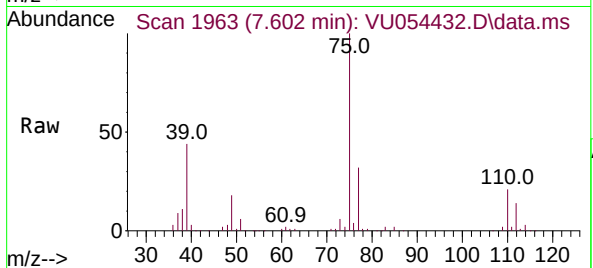
VSTD005174

Tgt Ion: 75 Resp: 199441

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 50.683 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

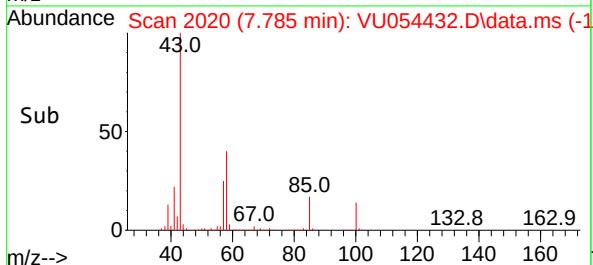
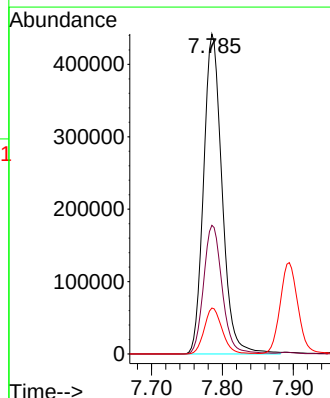
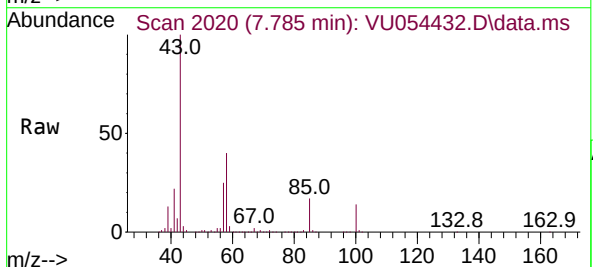
Tgt Ion: 43 Resp: 800170

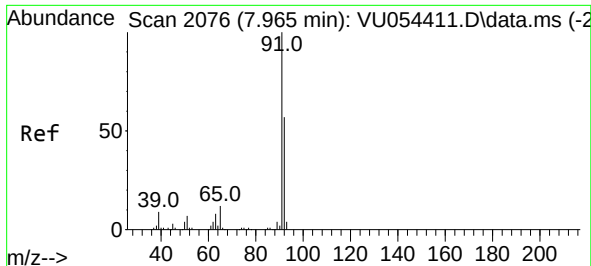
Ion Ratio Lower Upper

43 100

58 40.6 32.4 48.6

100 14.0 11.4 17.2





#42

Toluene

Concen: 5.041 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

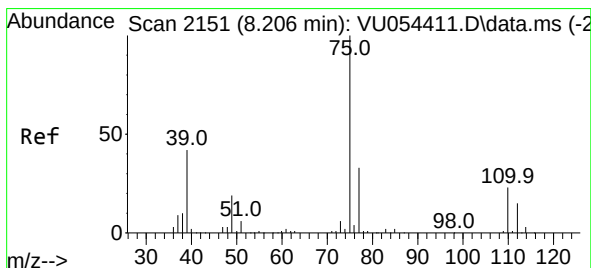
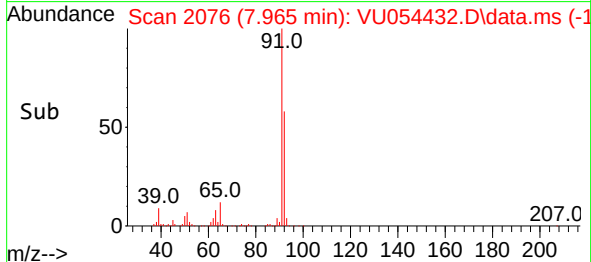
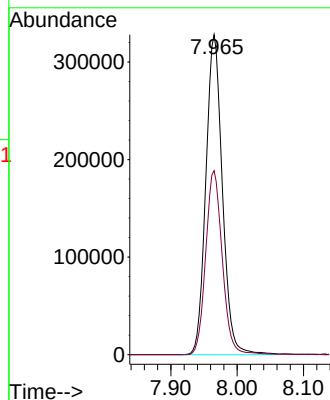
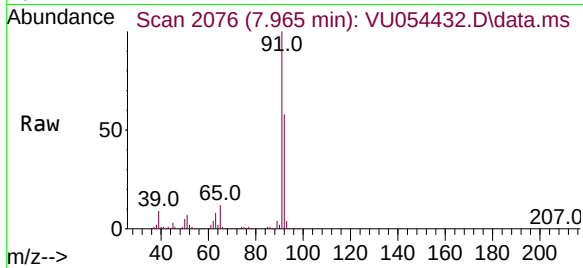
VSTD005174

Tgt Ion: 91 Resp: 567998

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.918 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054432.D

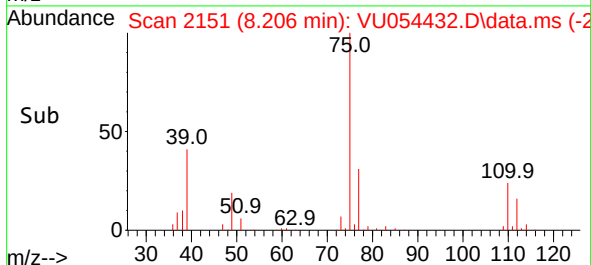
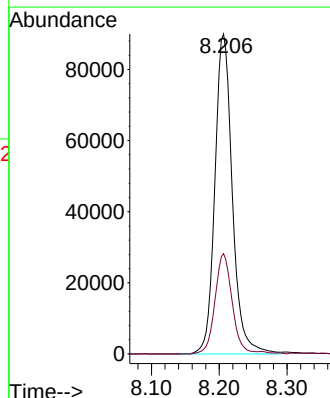
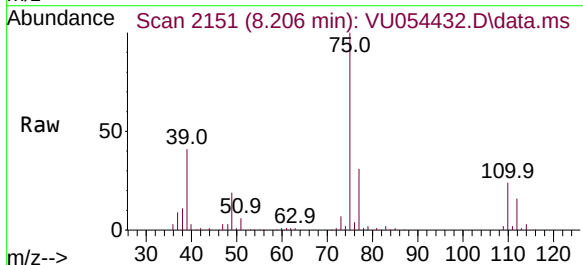
Acq: 07 Jun 2023 23:48

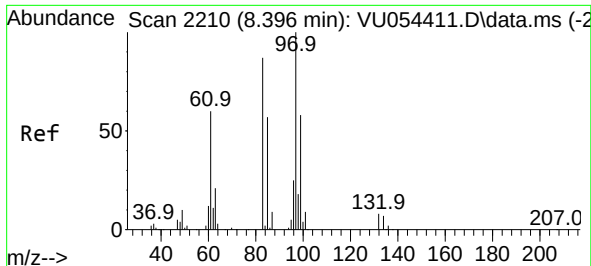
Tgt Ion: 75 Resp: 161194

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6

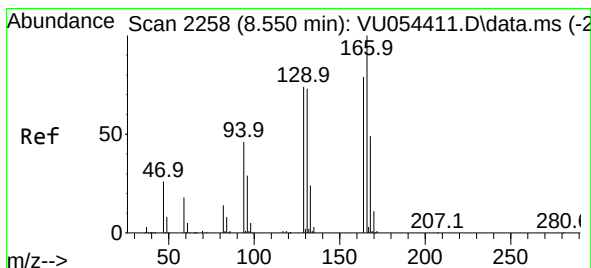
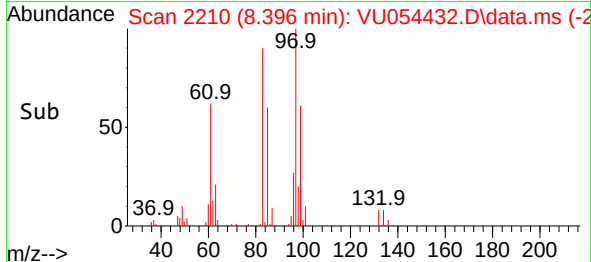
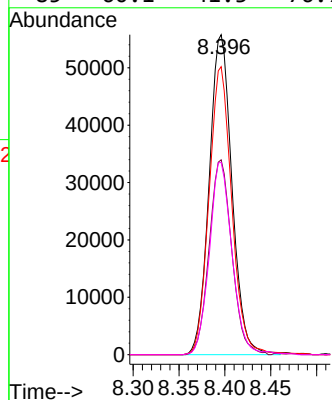
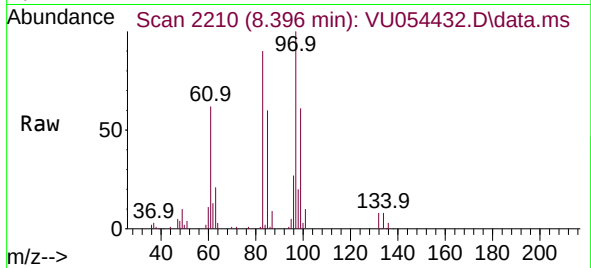




#45
1,1,2-Trichloroethane
Concen: 5.133 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

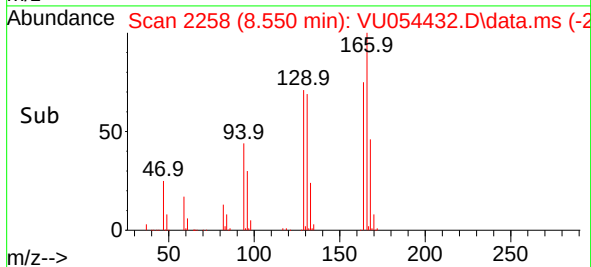
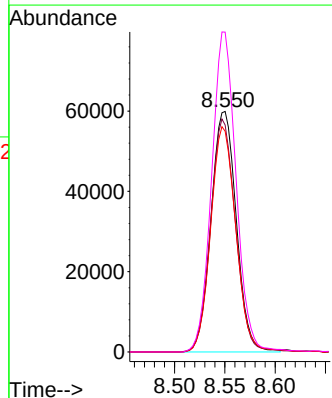
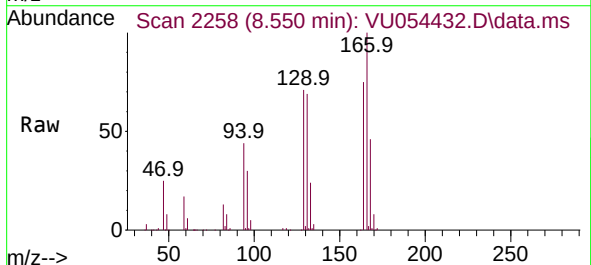
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

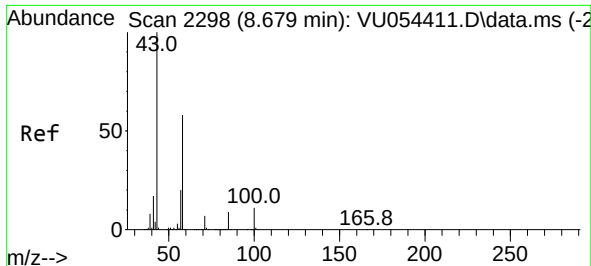
Tgt Ion:	97	Resp:	96605
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.0	80.0
83	90.0	63.8	118.6
85	60.1	41.3	76.7



#47
Tetrachloroethene
Concen: 4.728 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion:	164	Resp:	104721
Ion	Ratio	Lower	Upper
164	100		
129	94.3	67.7	125.7
131	91.8	64.6	120.0
166	133.0	88.1	163.7

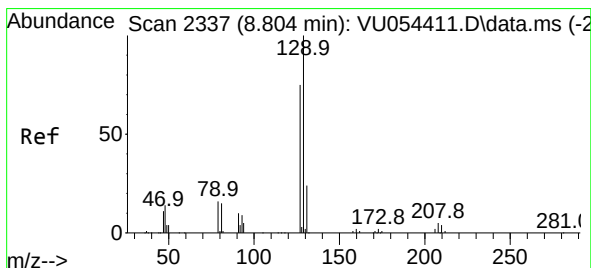
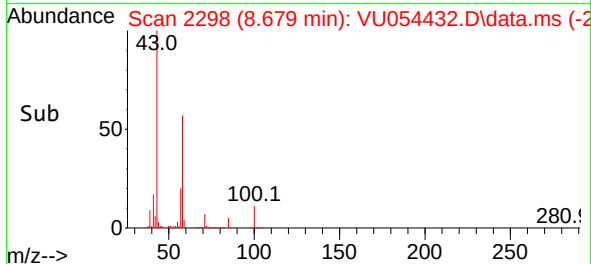
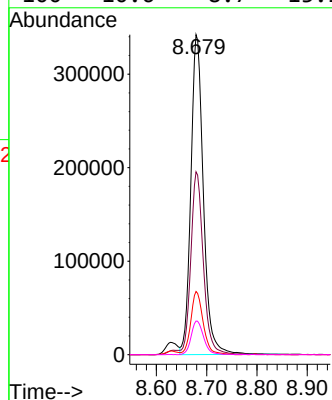
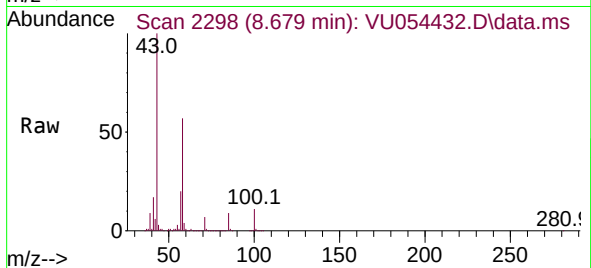




#48
2-Hexanone
Concen: 50.291 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

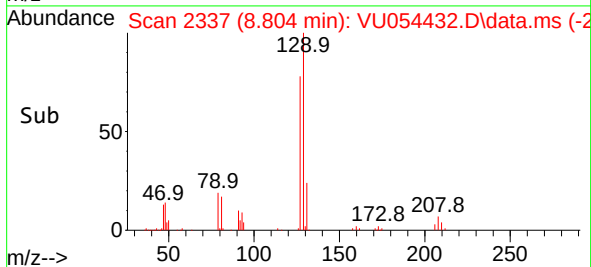
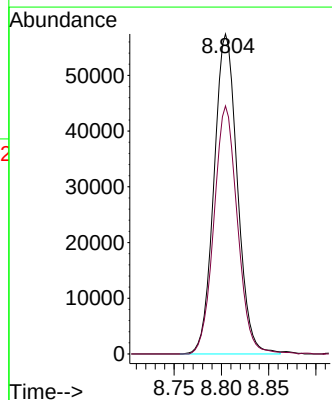
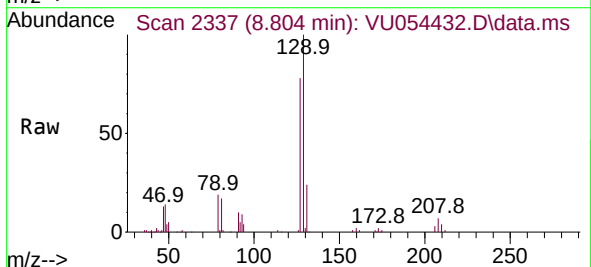
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

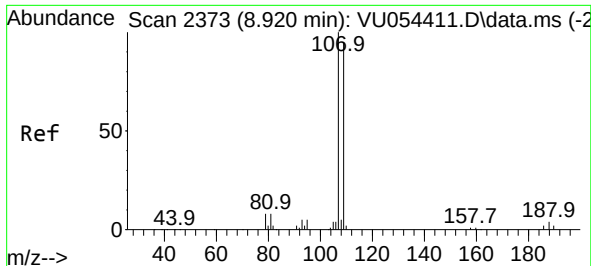
Tgt Ion: 43 Resp: 591600
Ion Ratio Lower Upper
43 100
58 56.3 45.2 67.8
57 19.7 15.8 23.6
100 10.6 8.7 13.1



#49
Dibromochloromethane
Concen: 4.999 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion: 129 Resp: 98792
Ion Ratio Lower Upper
129 100
127 77.5 53.2 98.8

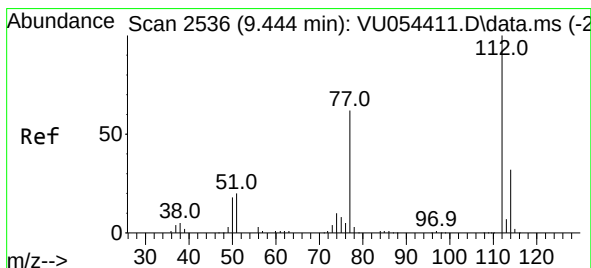
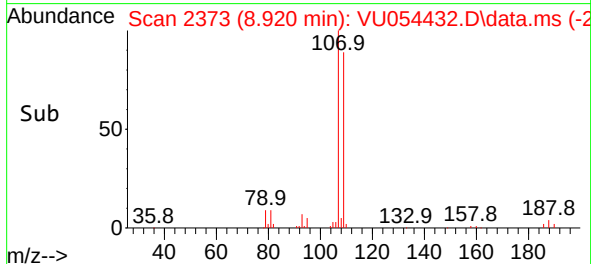
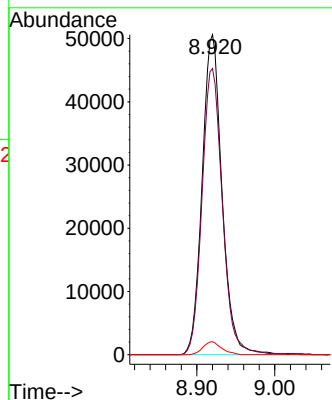
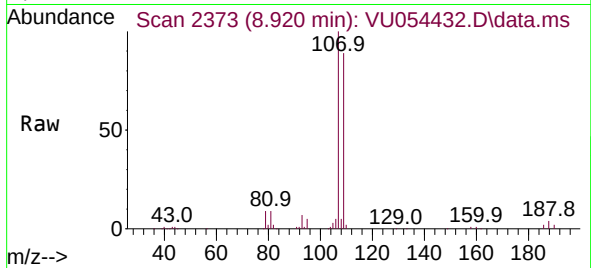




#50
1,2-Dibromoethane
Concen: 5.179 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

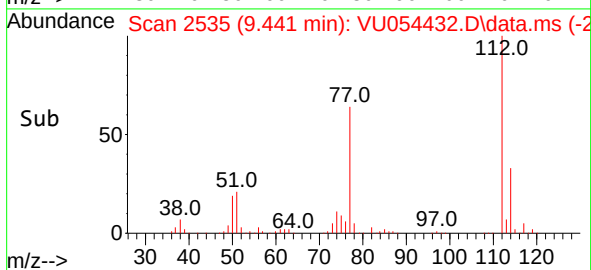
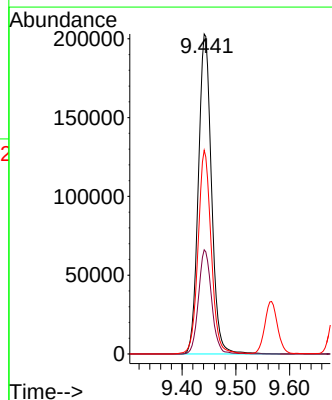
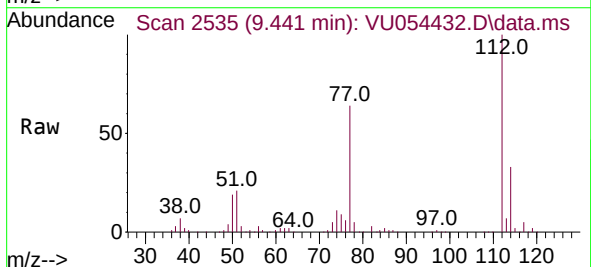
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

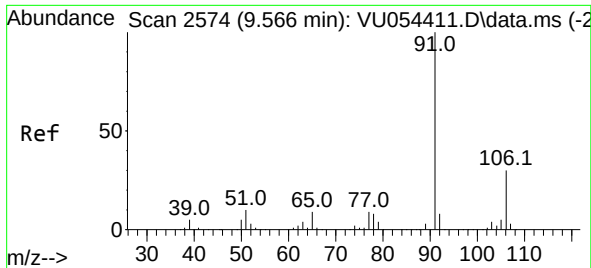
Tgt Ion:107 Resp: 89480
Ion Ratio Lower Upper
107 100
109 89.5 66.6 123.6
188 4.0 3.1 4.7



#51
Chlorobenzene
Concen: 4.900 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion:112 Resp: 344158
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.1
77 63.7 49.8 74.8

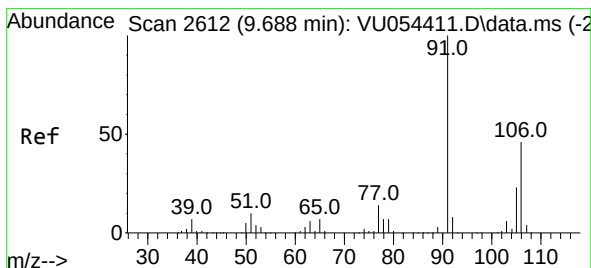
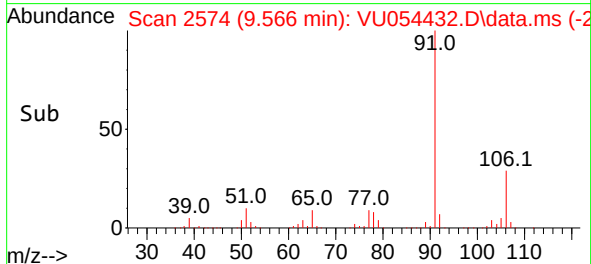
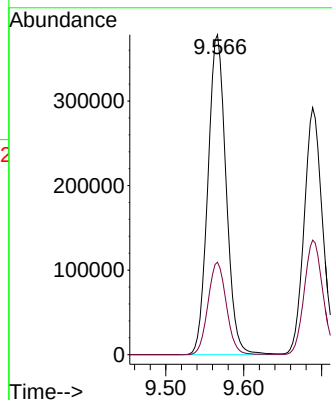
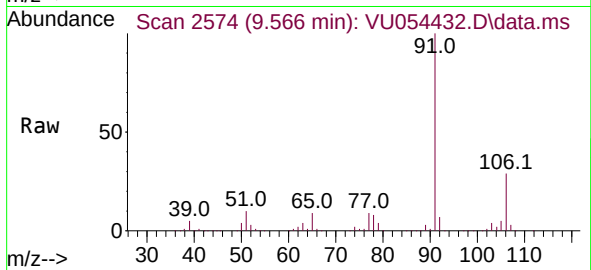




#52
Ethylbenzene
Concen: 4.984 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

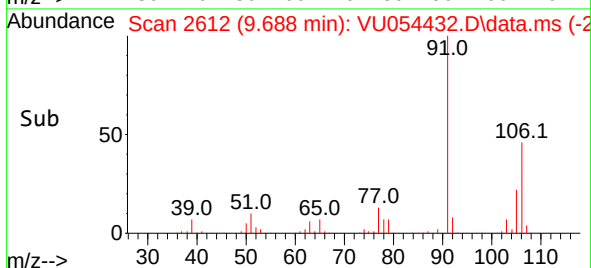
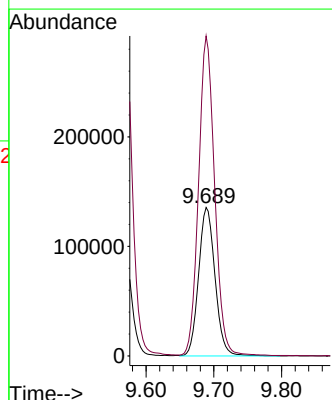
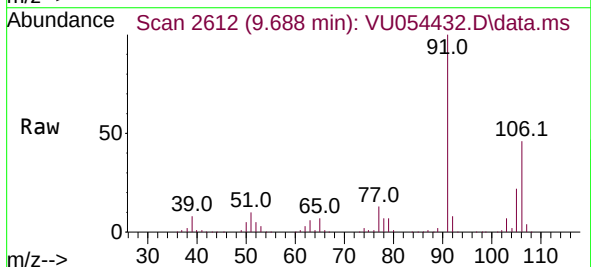
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

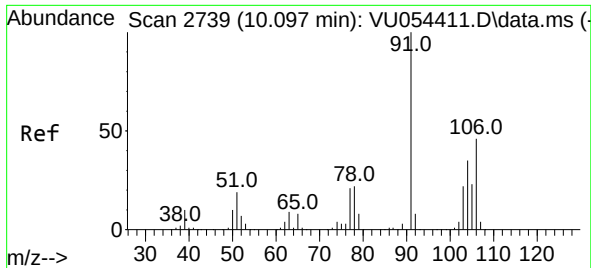
Tgt Ion: 91 Resp: 613339
Ion Ratio Lower Upper
91 100
106 28.9 21.1 39.3



#53
m,p-Xylene
Concen: 5.043 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion: 106 Resp: 227992
Ion Ratio Lower Upper
106 100
91 215.5 147.0 273.0

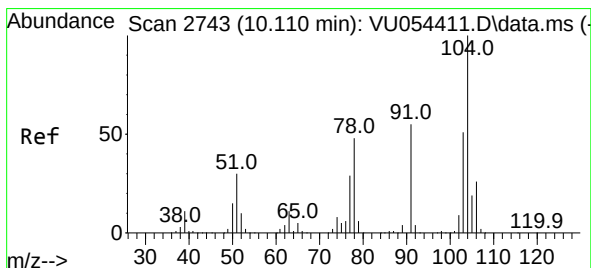
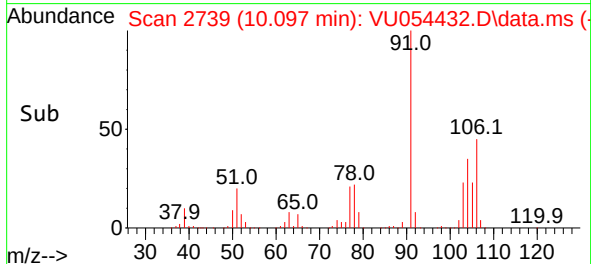
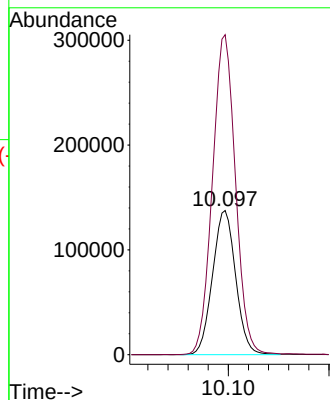
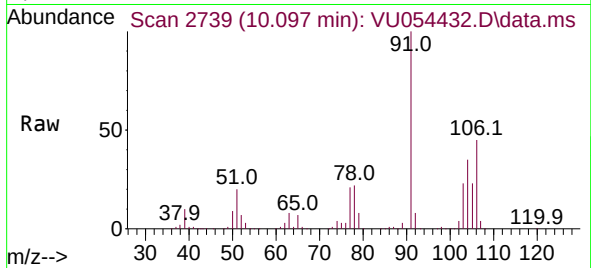




#54
o-Xylene
Concen: 5.026 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

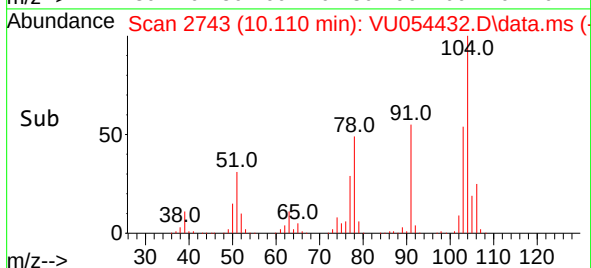
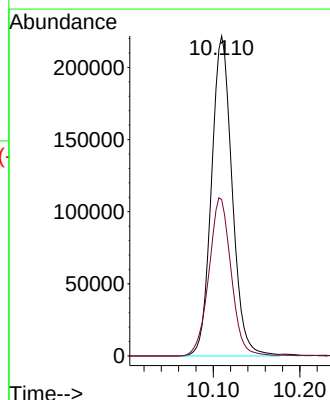
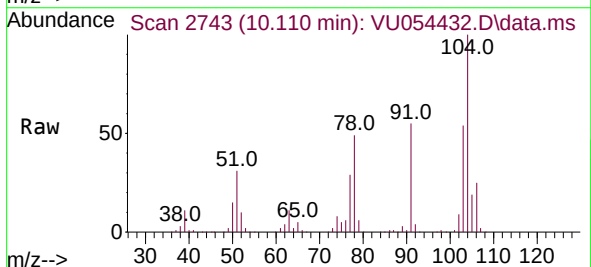
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

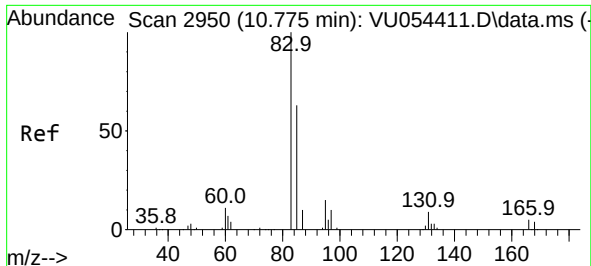
Tgt Ion:106 Resp: 219705
Ion Ratio Lower Upper
106 100
91 221.9 154.5 286.9



#55
Styrene
Concen: 5.012 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion:104 Resp: 367747
Ion Ratio Lower Upper
104 100
78 48.8 33.0 61.4

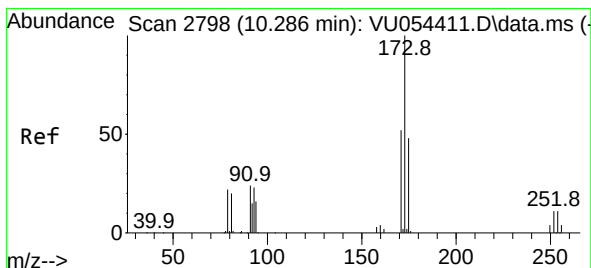
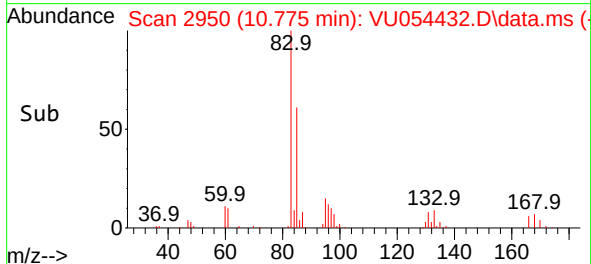
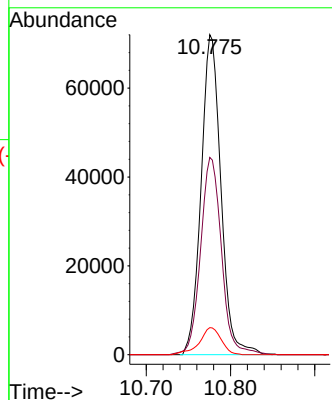
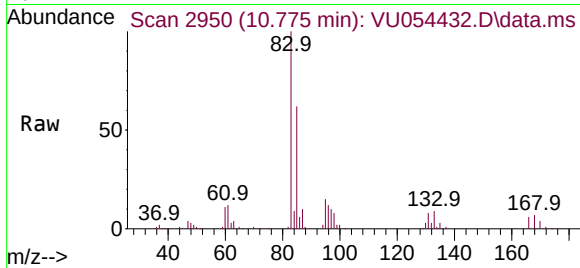




#57
1,1,2,2-Tetrachloroethane
Concen: 4.937 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

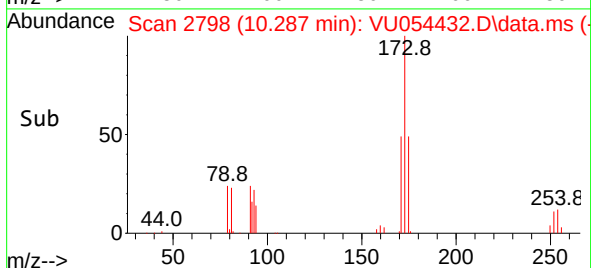
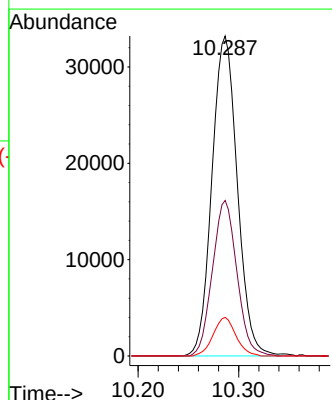
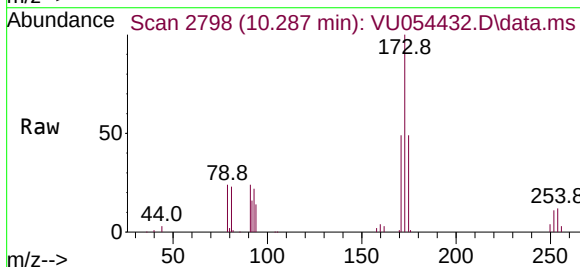
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

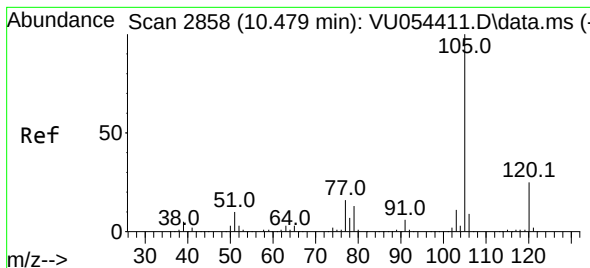
Tgt Ion: 83 Resp: 118031
Ion Ratio Lower Upper
83 100
85 61.6 44.2 82.2
131 8.4 7.0 10.6



#59
Bromoform
Concen: 5.037 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion:173 Resp: 58179
Ion Ratio Lower Upper
173 100
175 46.8 39.4 59.0
254 10.8 8.6 12.8





#60

Isopropylbenzene

Concen: 5.050 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

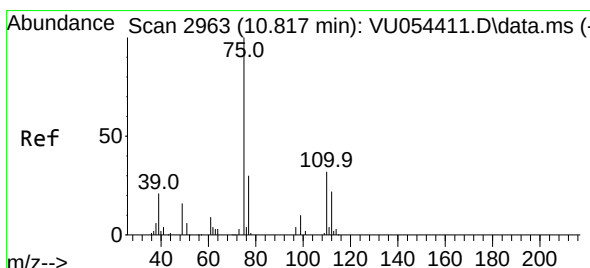
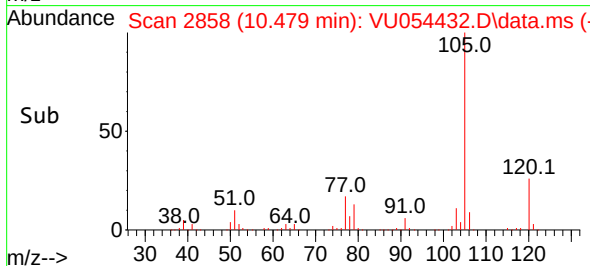
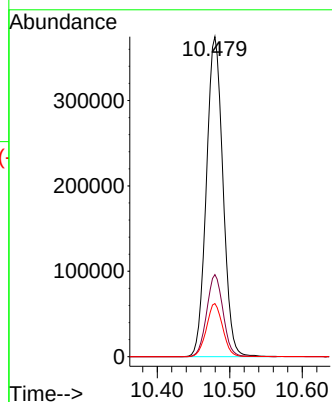
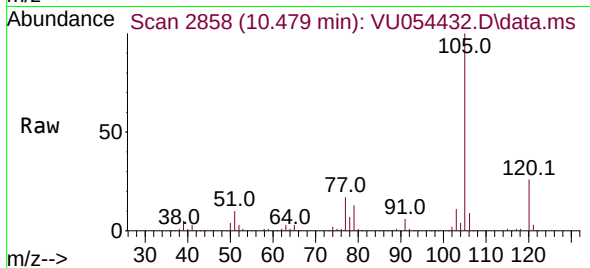
Tgt Ion:105 Resp: 594367

Ion Ratio Lower Upper

105 100

120 25.4 20.9 31.3

77 16.4 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.091 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

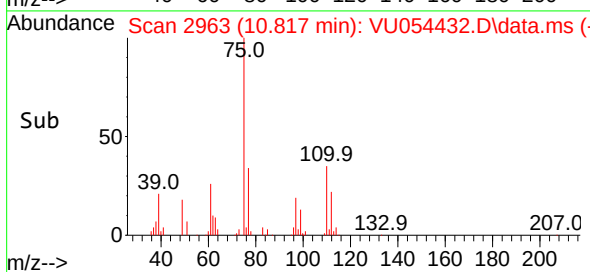
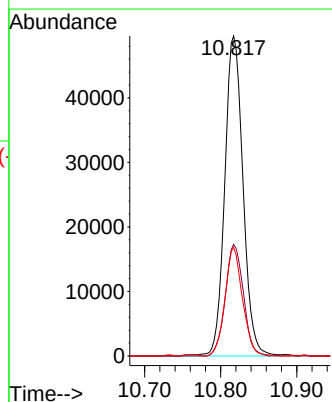
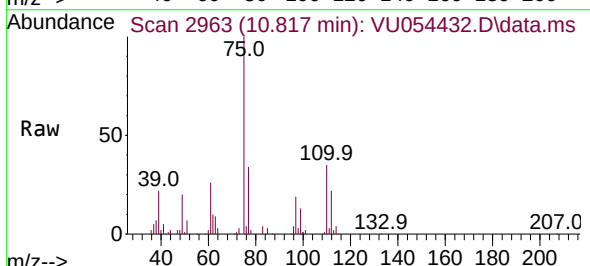
Tgt Ion: 75 Resp: 82784

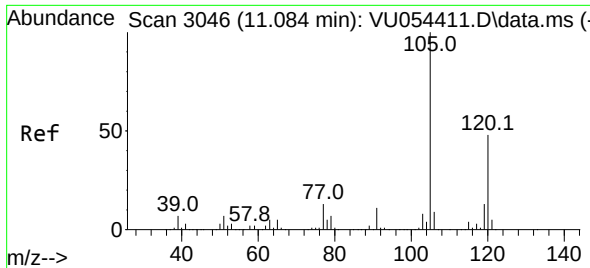
Ion Ratio Lower Upper

75 100

110 34.4 28.0 42.0

77 32.6 25.4 38.2

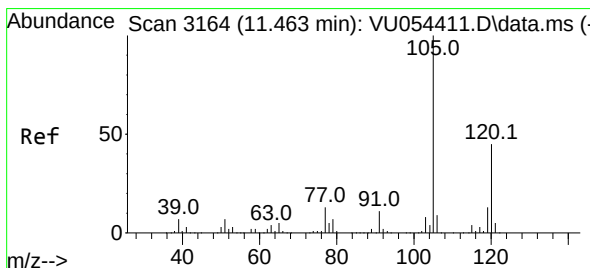
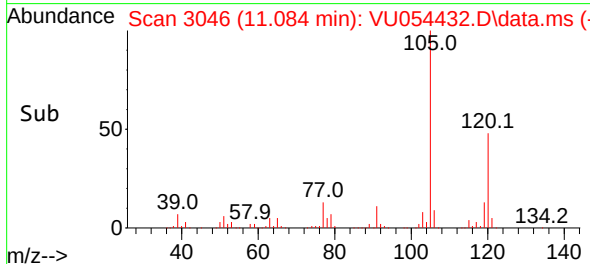
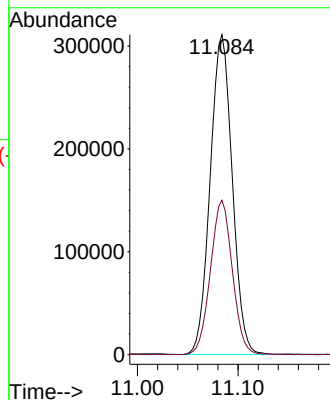
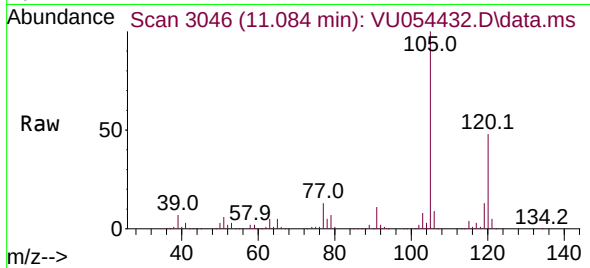




#62
 1,3,5-Trimethylbenzene
 Concen: 4.940 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

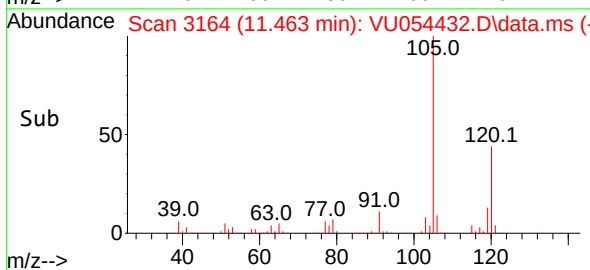
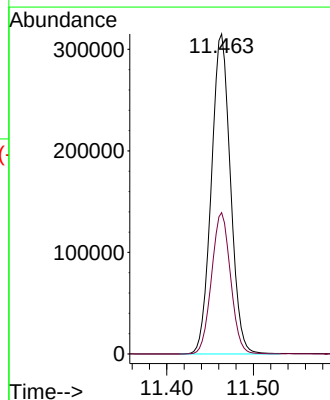
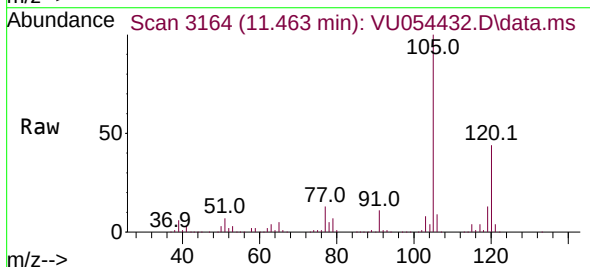
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

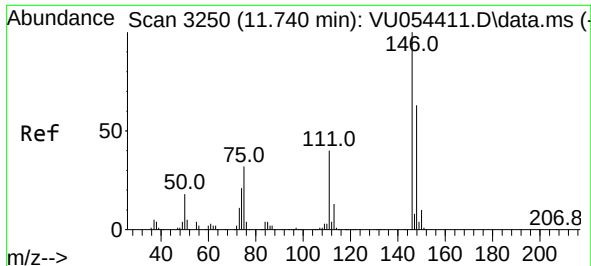
Tgt Ion:105 Resp: 474440
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.948 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

Tgt Ion:105 Resp: 482584
 Ion Ratio Lower Upper
 105 100
 120 43.9 35.4 53.0

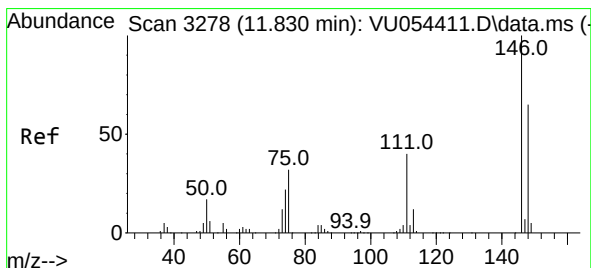
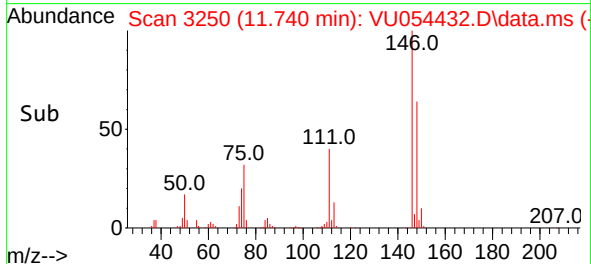
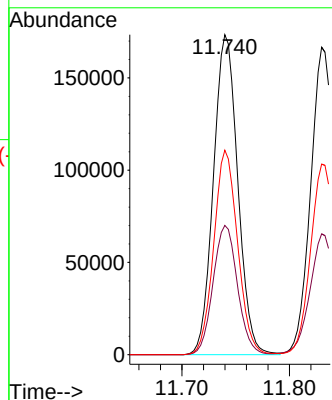
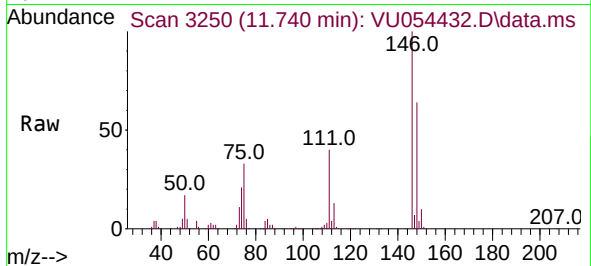




#64
1,3-Dichlorobenzene
Concen: 4.959 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

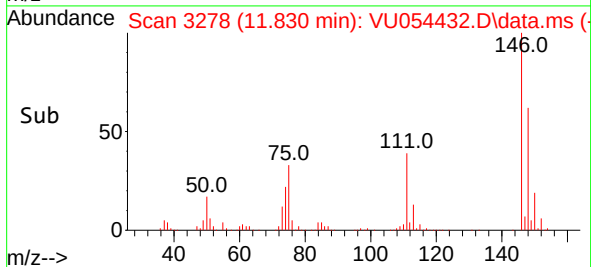
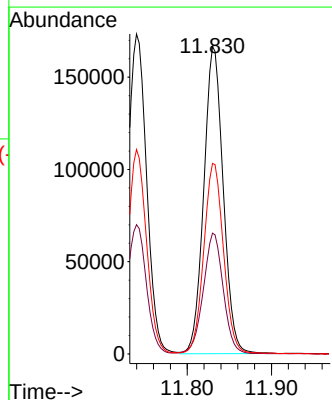
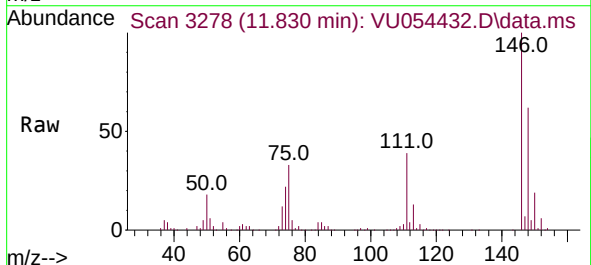
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

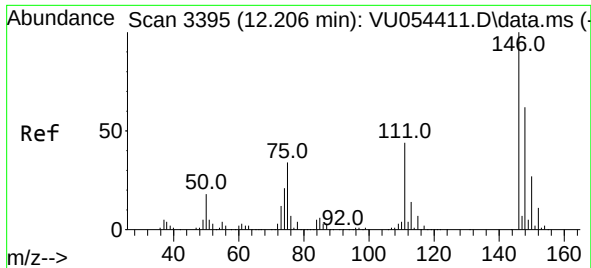
Tgt Ion:146 Resp: 272827
Ion Ratio Lower Upper
146 100
111 40.4 28.9 53.7
148 63.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.845 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion:146 Resp: 267552
Ion Ratio Lower Upper
146 100
111 39.3 28.0 52.0
148 62.0 44.7 83.1

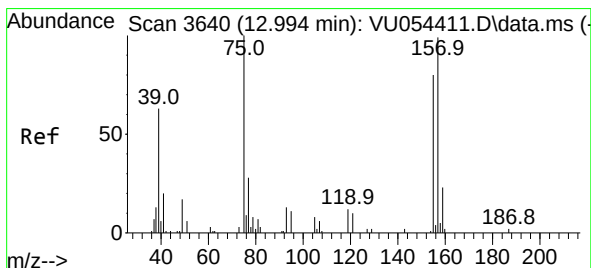
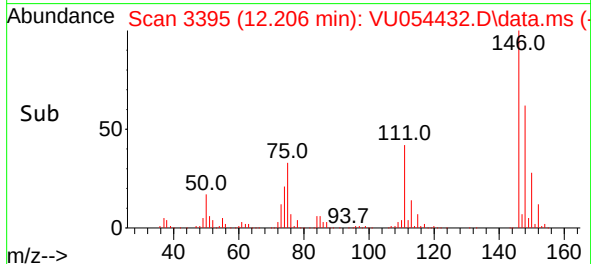
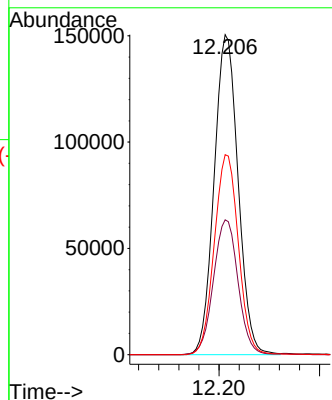
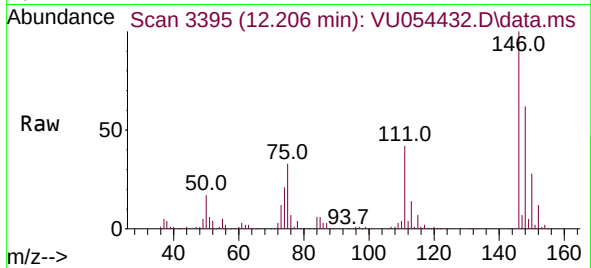




#67
1,2-Dichlorobenzene
Concen: 4.924 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

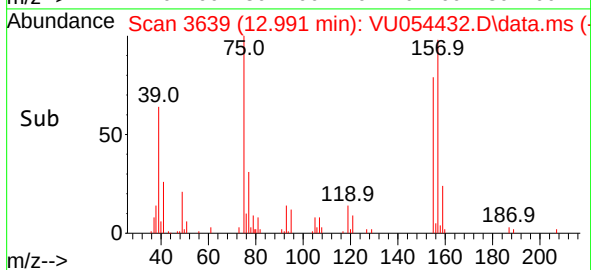
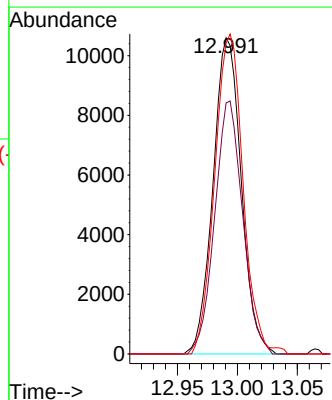
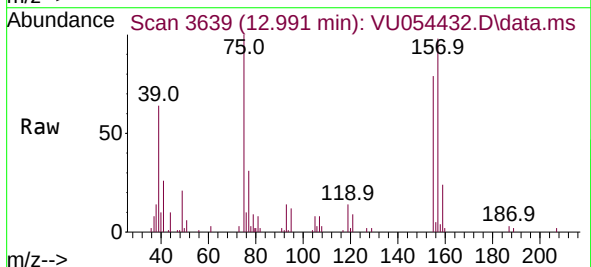
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

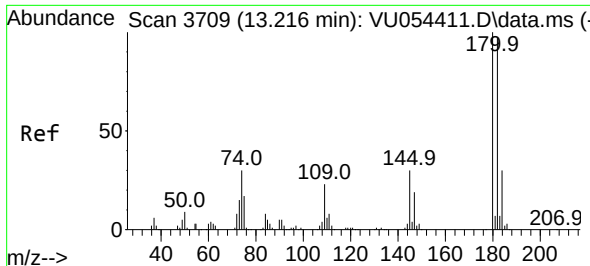
Tgt Ion:146 Resp: 249155
Ion Ratio Lower Upper
146 100
111 42.1 34.5 51.7
148 62.5 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 4.850 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.003 min
Lab File: VU054432.D
Acq: 07 Jun 2023 23:48

Tgt Ion: 75 Resp: 17331
Ion Ratio Lower Upper
75 100
155 79.4 65.7 98.5
157 98.2 84.2 126.2



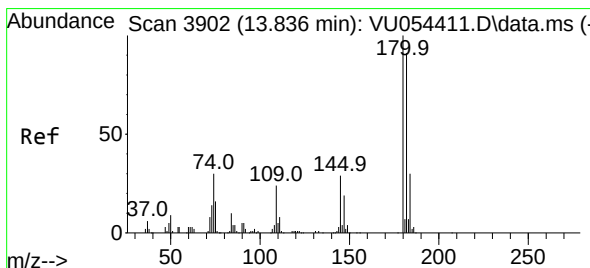
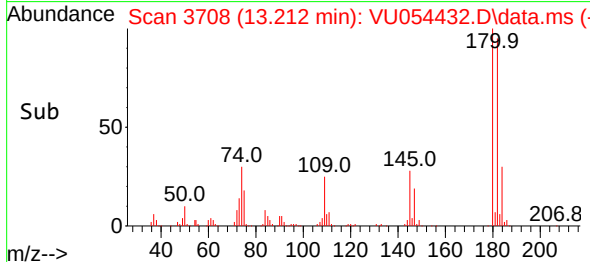
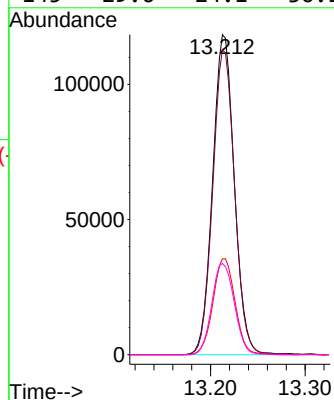
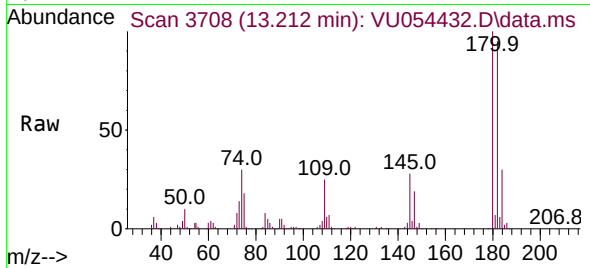


#69
 1,3,5-Trichlorobenzene
 Concen: 4.542 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Tgt Ion:180 Resp: 188539

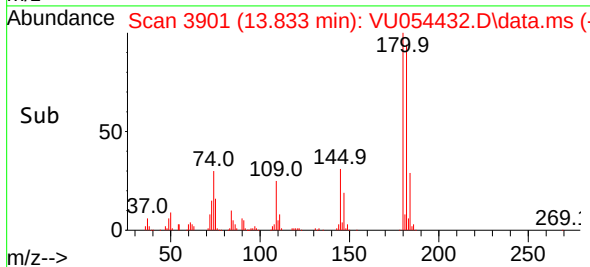
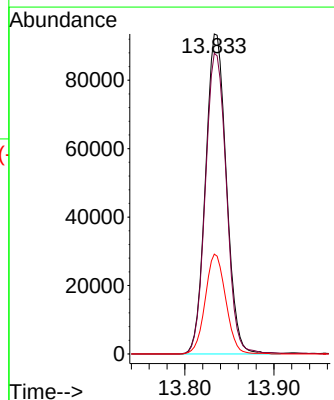
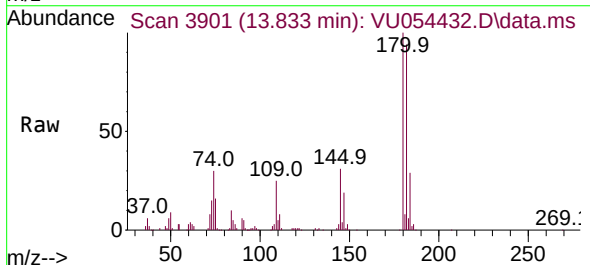
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.0	112.6
184	30.6	24.1	36.1
145	29.6	24.1	36.1

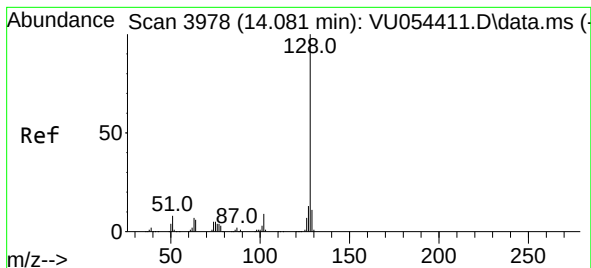


#70
 1,2,4-trichlorobenzene
 Concen: 4.425 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU054432.D
 Acq: 07 Jun 2023 23:48

Tgt Ion:180 Resp: 151902

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.6	114.8
145	30.7	24.0	36.0





#71

Naphthalene

Concen: 4.141 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

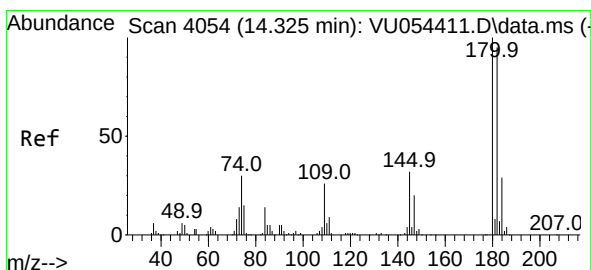
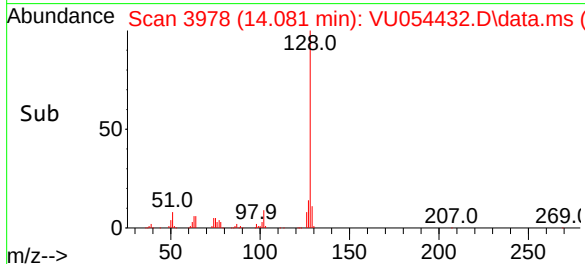
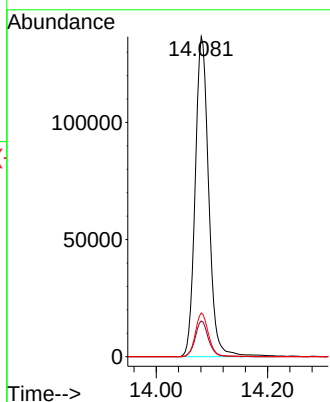
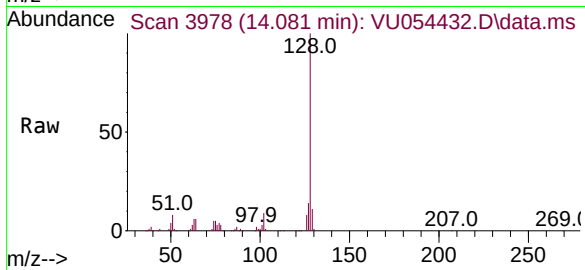
Tgt Ion:128 Resp: 231133

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.2 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 4.427 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU054432.D

Acq: 07 Jun 2023 23:48

Tgt Ion:180 Resp: 130552

Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.2

145 31.4 26.0 39.0

