

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056868.D
 Acq On : 15 Dec 2023 10:05
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Dec 15 22:24:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	251817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	244878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	122134	5.658	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.200%
7) Chloroethane-d5	1.911	69	98568	6.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.000%
11) 1,1-Dichloroethene-d2	2.563	65	53952	5.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.800%
20) 2-Butanone-d5	4.628	46	243348	57.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.180%
24) Chloroform-d	5.055	84	235924	5.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.400%
26) 1,2-Dichloroethane-d4	5.695	65	107642	5.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.724	84	449274	5.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.400%
36) 1,2-Dichloropropane-d6	6.685	67	138760	5.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.800%
41) Toluene-d8	7.894	98	396050	5.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.600%
43) trans-1,3-Dichloroprop...	8.174	79	52780	5.725	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.400%
46) 2-Hexanone-d5	8.627	63	199255	57.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	97480	5.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	129379	5.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	131577	4.986	ug/L	99
3) Chloromethane	1.518	50	133501	5.145	ug/L	100
5) Vinyl chloride	1.602	62	135620	5.264	ug/L	99
6) Bromomethane	1.856	94	79074	5.205	ug/L	99
8) Chloroethane	1.933	64	79456	5.264	ug/L	99
9) Trichlorofluoromethane	2.136	101	188574	5.193	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	119664	5.373	ug/L	97
12) 1,1-Dichloroethene	2.576	96	108070	5.286	ug/L	98
13) Acetone	2.640	43	136323	52.477	ug/L	99
14) Carbon disulfide	2.792	76	346093	4.879	ug/L	100
15) Methyl Acetate	2.952	43	36777	5.201	ug/L	96
16) Methylene chloride	3.042	84	113906	5.114	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	233859	5.159	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	109106	5.264	ug/L	96
19) 1,1-Dichloroethane	3.862	63	210095	5.269	ug/L	99
21) 2-Butanone	4.708	43	216321	49.379	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	120706	5.353	ug/L	97
23) Bromochloromethane	4.968	128	50360	5.334	ug/L	92
25) Chloroform	5.081	83	220663	5.283	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056868.D
 Acq On : 15 Dec 2023 10:05
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

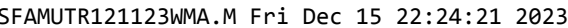
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

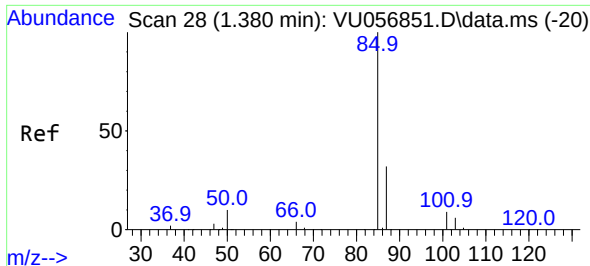
Quant Time: Dec 15 22:24:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	124535	5.041	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	192187	5.429	ug/L	99
30) Cyclohexane	5.383	56	175984	5.297	ug/L	99
31) Carbon tetrachloride	5.518	117	165574	5.382	ug/L	99
33) Benzene	5.769	78	464523	5.398	ug/L	100
34) Trichloroethene	6.537	95	120840	5.119	ug/L	98
35) Methylcyclohexane	6.759	83	186080	5.341	ug/L	99
37) 1,2-Dichloropropane	6.785	63	118129	5.366	ug/L	100
38) Bromodichloromethane	7.100	83	149914	5.340	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	168707	5.258	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	558618	53.438	ug/L	99
42) Toluene	7.965	91	496678	5.578	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	137762	5.239	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	78512	5.275	ug/L	96
47) Tetrachloroethene	8.547	164	89629	5.425	ug/L	96
48) 2-Hexanone	8.679	43	407678	54.757	ug/L	100
49) Dibromochloromethane	8.804	129	91744	5.363	ug/L	98
50) 1,2-Dibromoethane	8.920	107	73375	5.312	ug/L	94
51) Chlorobenzene	9.444	112	302073	5.322	ug/L	97
52) Ethylbenzene	9.566	91	530182	5.397	ug/L	99
53) m,p-Xylene	9.688	106	196357	5.365	ug/L	97
54) o-Xylene	10.097	106	188335	5.402	ug/L	96
55) Styrene	10.113	104	319906	5.588	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	94566	5.259	ug/L #	97
59) Bromoform	10.286	173	50650	4.992	ug/L	97
60) Isopropylbenzene	10.479	105	516226	5.259	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	66563	4.989	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	417306	5.201	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	417390	5.238	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	239121	5.149	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	233787	5.113	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	218793	5.172	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	12613	4.735	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	176739	5.037	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	137274	4.940	ug/L	99
71) Naphthalene	14.084	128	177192	4.358	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	109914	4.659	ug/L	98

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

Quant Time: Dec 15 22:24:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

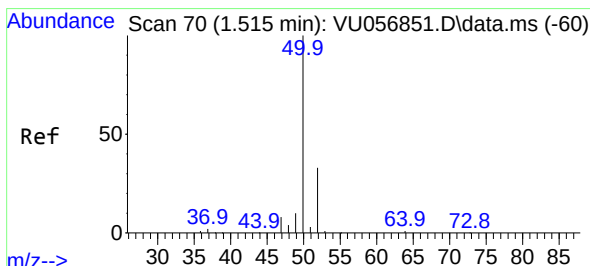
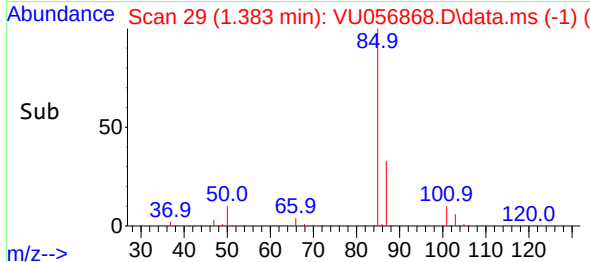
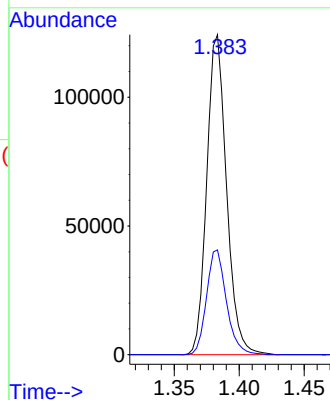
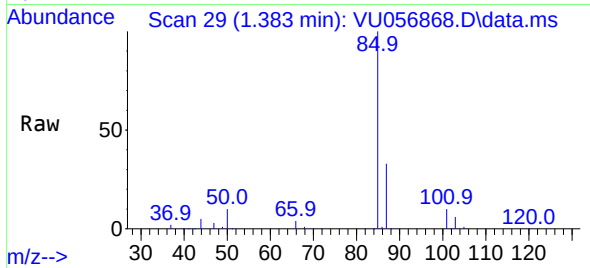




#2
Dichlorodifluoromethane
Concen: 4.986 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

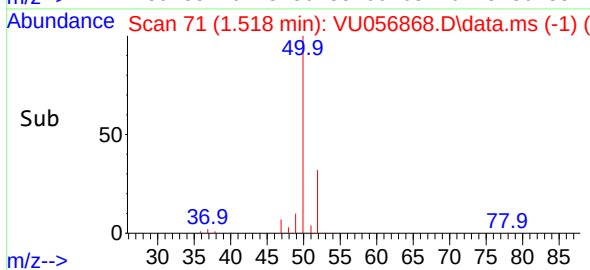
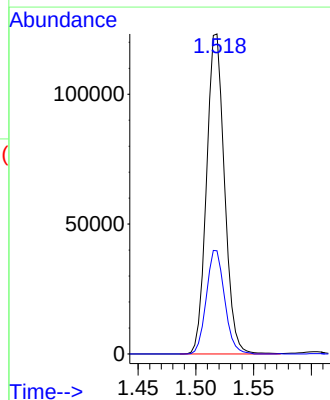
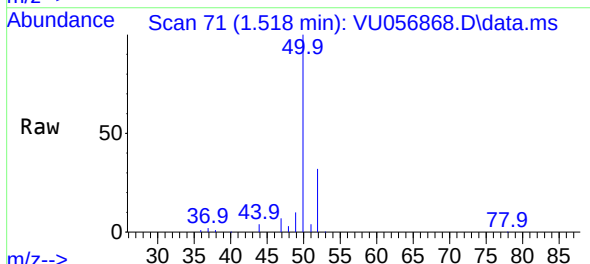
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

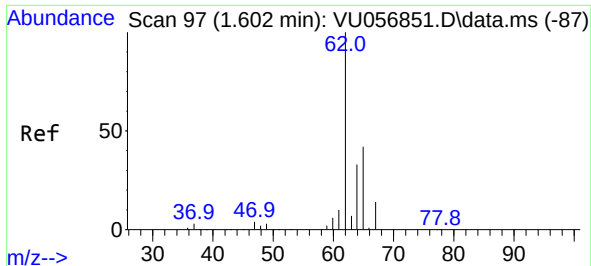
Tgt Ion: 85 Resp: 131577
Ion Ratio Lower Upper
85 100
87 33.0 26.8 40.2



#3
Chloromethane
Concen: 5.145 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 50 Resp: 133501
Ion Ratio Lower Upper
50 100
52 32.2 22.5 41.7

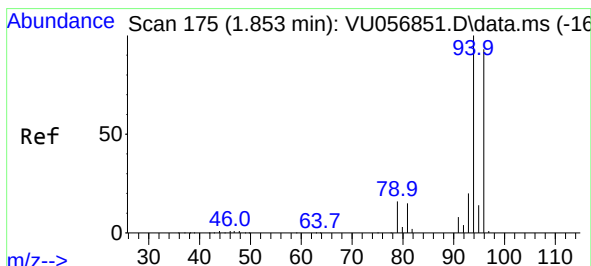
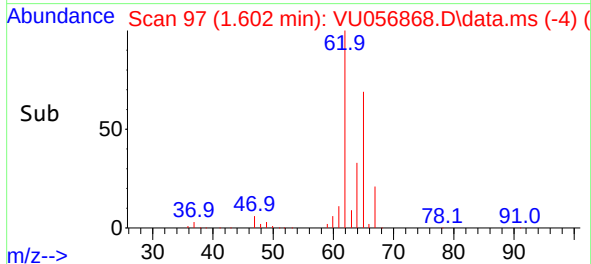
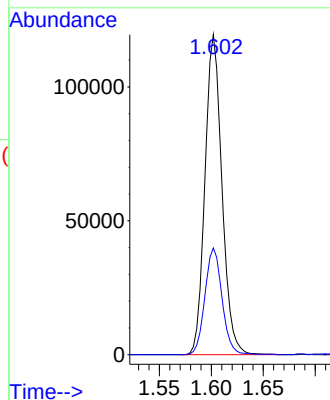
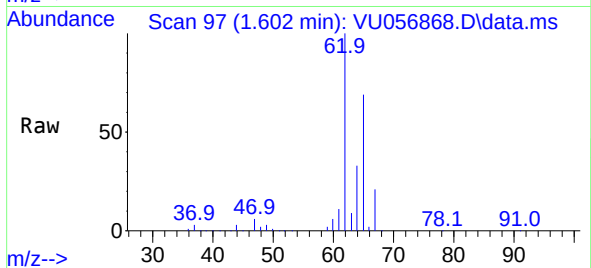




#5
 Vinyl chloride
 Concen: 5.264 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056868.D
 Acq: 15 Dec 2023 10:05

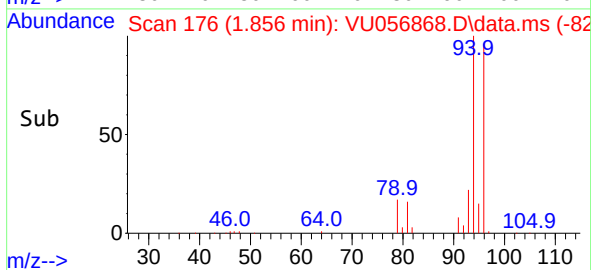
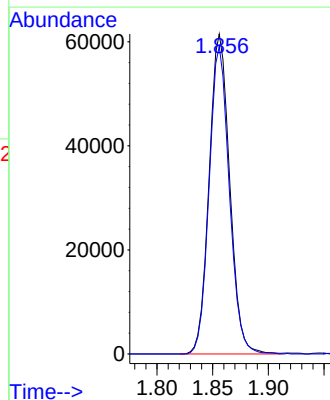
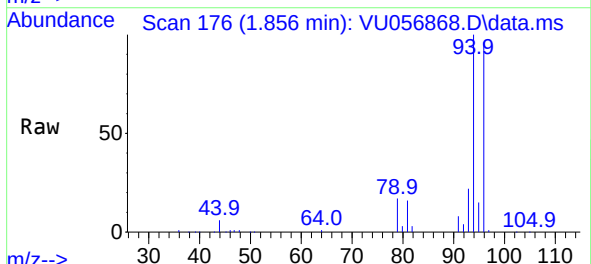
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

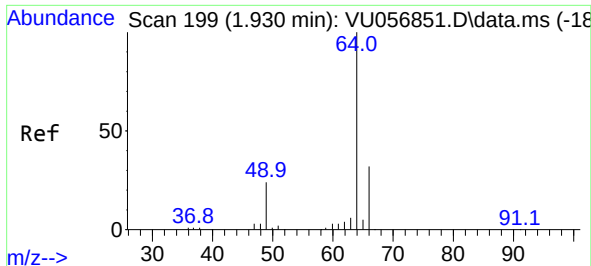
Tgt Ion: 62 Resp: 135620
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.8 42.4



#6
 Bromomethane
 Concen: 5.205 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU056868.D
 Acq: 15 Dec 2023 10:05

Tgt Ion: 94 Resp: 79074
 Ion Ratio Lower Upper
 94 100
 96 96.1 67.8 125.8

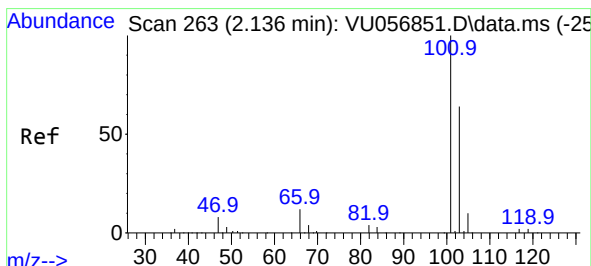
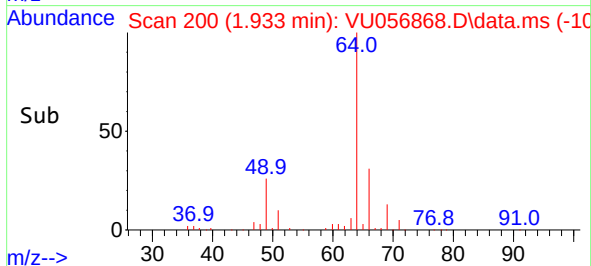
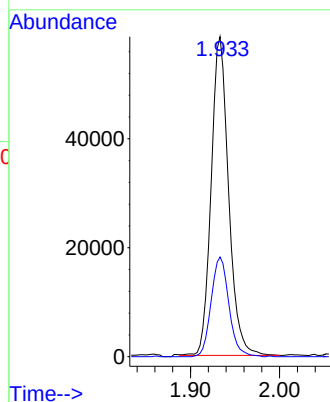
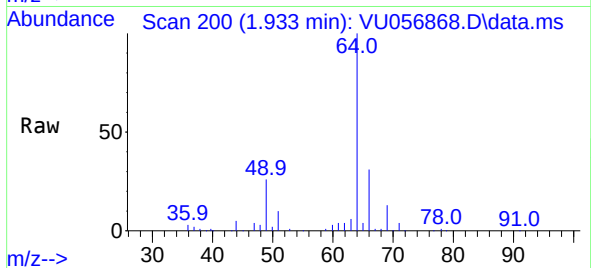




#8
Chloroethane
Concen: 5.264 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

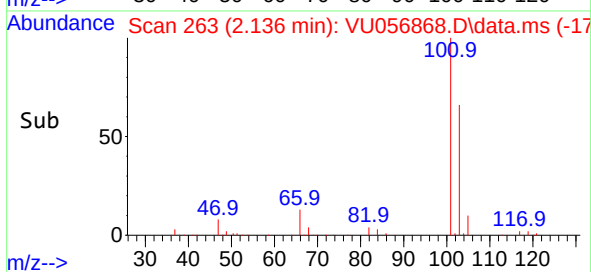
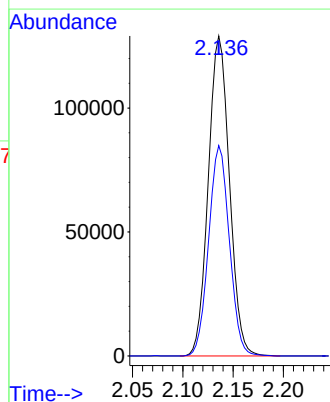
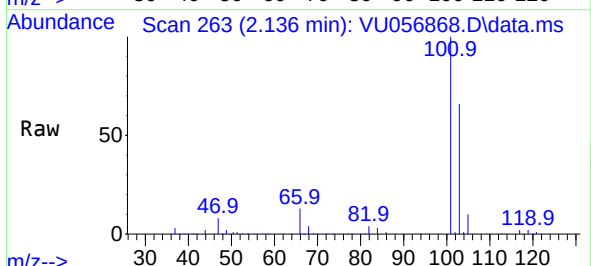
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

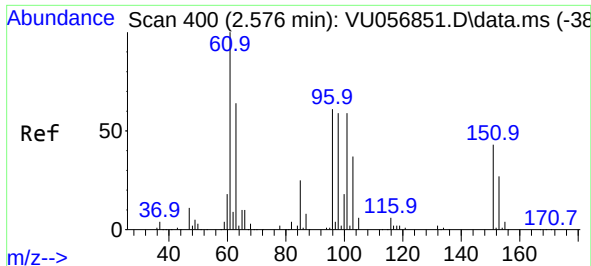
Tgt Ion: 64 Resp: 79456
Ion Ratio Lower Upper
64 100
66 31.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.193 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion:101 Resp: 188574
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

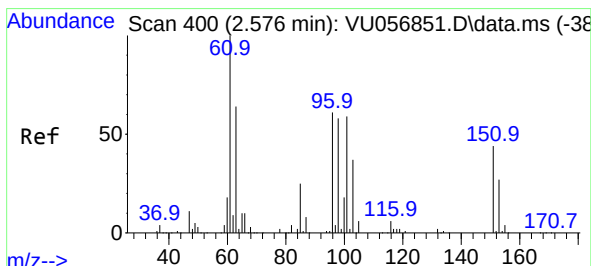
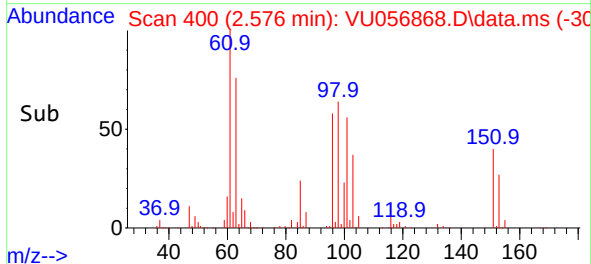
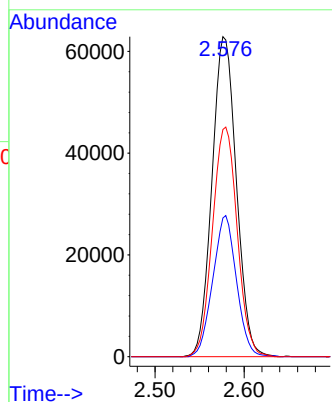
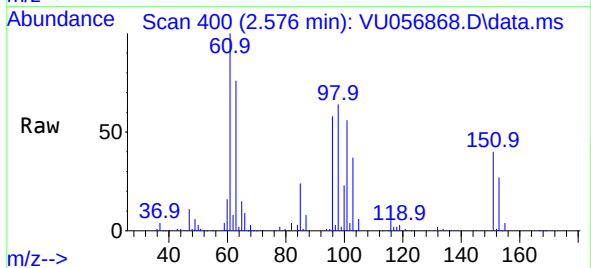




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.373 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

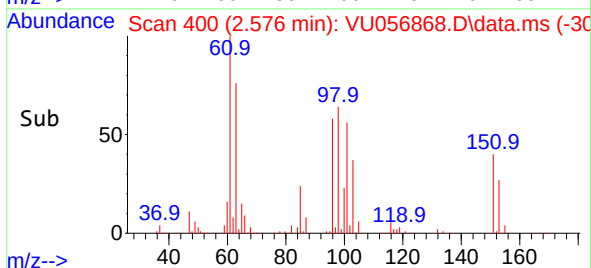
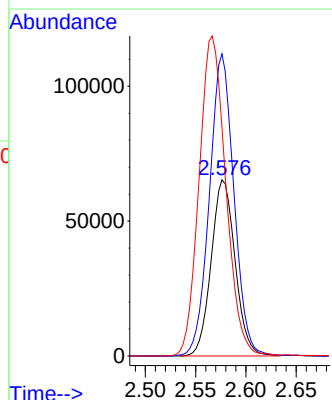
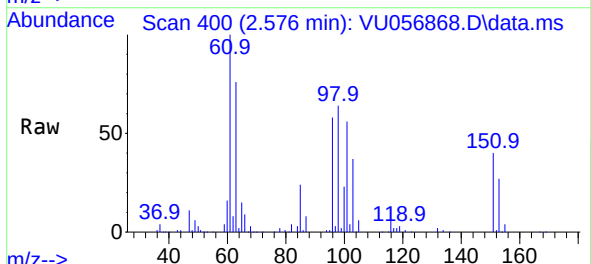
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

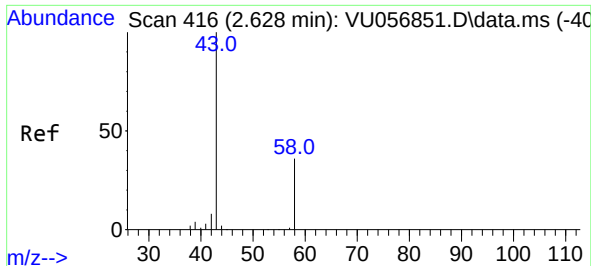
Tgt Ion:101 Resp: 119664
Ion Ratio Lower Upper
101 100
85 42.9 35.2 52.8
151 72.8 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.286 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 96 Resp: 108070
Ion Ratio Lower Upper
96 100
61 171.6 119.0 221.0
63 129.9 88.7 164.7

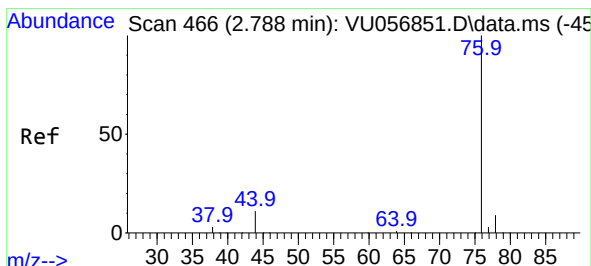
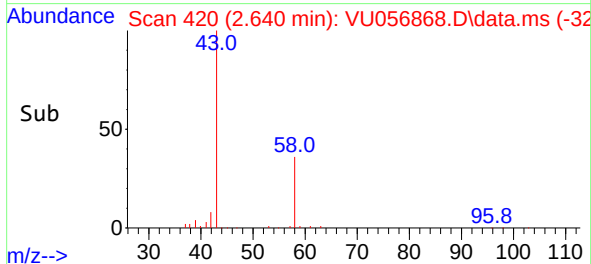
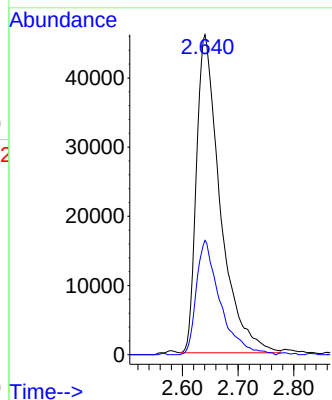
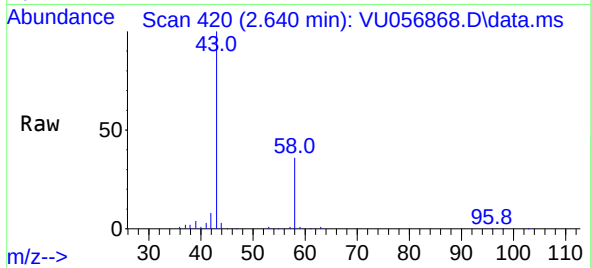




#13
Acetone
Concen: 52.477 ug/L
RT: 2.640 min Scan# 416
Delta R.T. 0.013 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

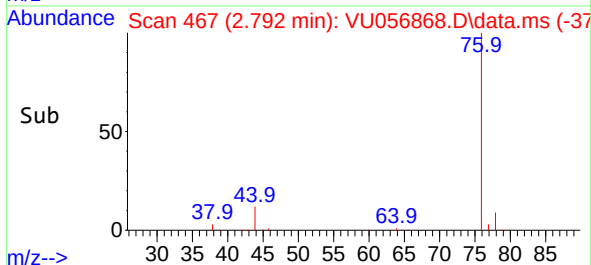
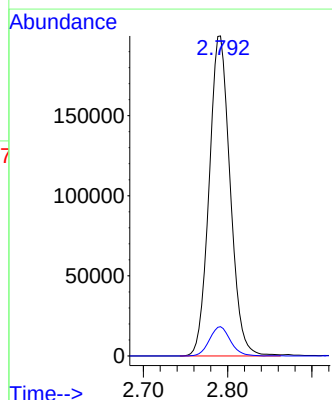
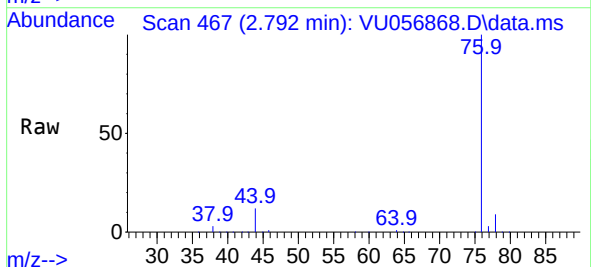
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

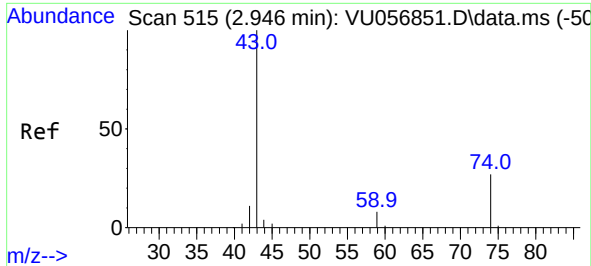
Tgt Ion: 43 Resp: 136323
Ion Ratio Lower Upper
43 100
58 35.9 0.0 72.6



#14
Carbon disulfide
Concen: 4.879 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 76 Resp: 346093
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 5.201 ug/L

RT: 2.952 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU056868.D

Acq: 15 Dec 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

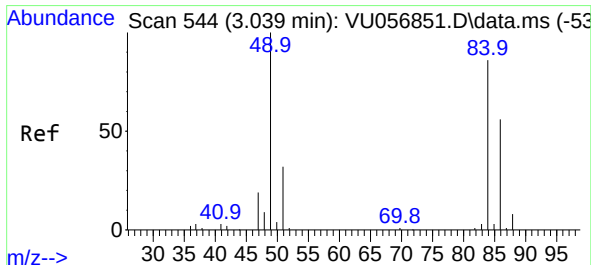
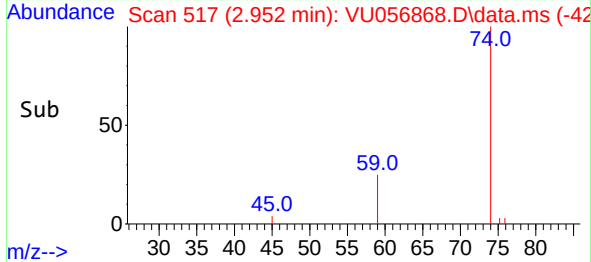
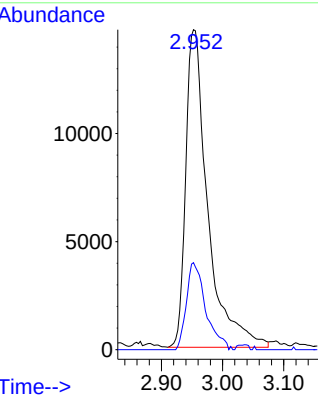
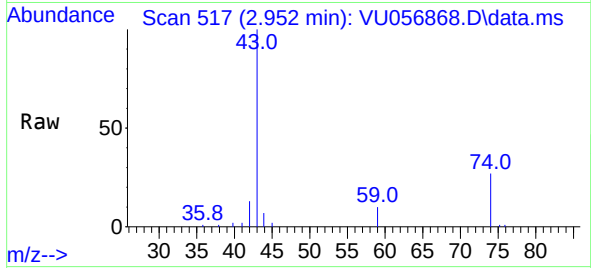
VSTD005084

Tgt Ion: 43 Resp: 36777

Ion Ratio Lower Upper

43 100

74 24.1 21.0 31.6



#16

Methylene chloride

Concen: 5.114 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU056868.D

Acq: 15 Dec 2023 10:05

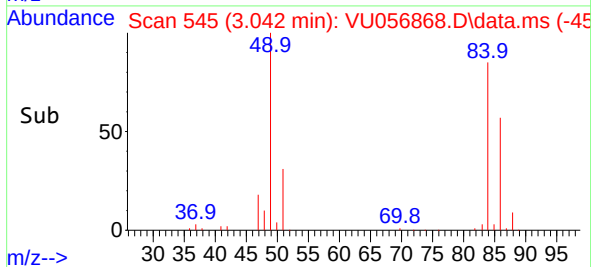
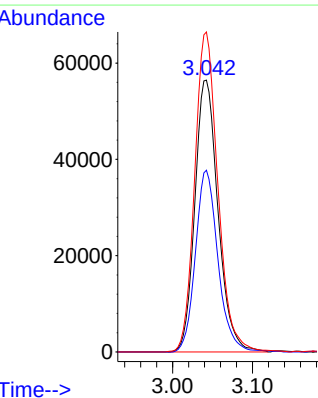
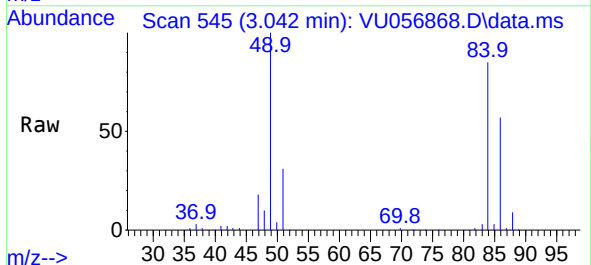
Tgt Ion: 84 Resp: 113906

Ion Ratio Lower Upper

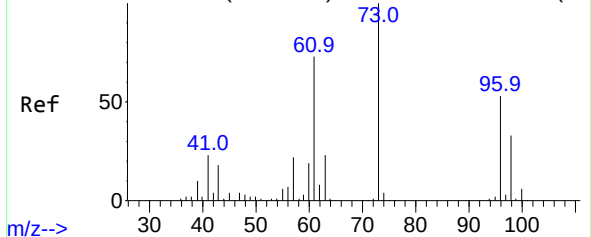
84 100

86 66.9 43.6 81.0

49 117.7 80.6 149.6



Abundance Scan 642 (3.354 min): VU056851.D\data.ms (-62



#17

Methyl tert-butyl Ether

Concen: 5.159 ug/L

RT: 3.357 min Scan# 64

Delta R.T. 0.003 min

Lab File: VU056868.D

Acq: 15 Dec 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

Tgt Ion: 73 Resp: 233859

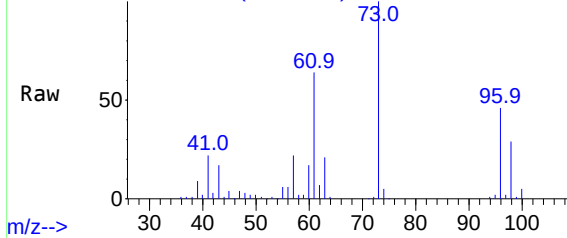
Ion Ratio Lower Upper

73 100

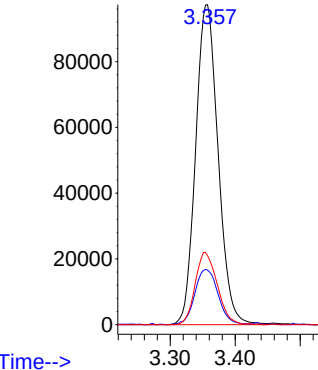
43 18.0 14.4 21.6

57 22.2 17.8 26.8

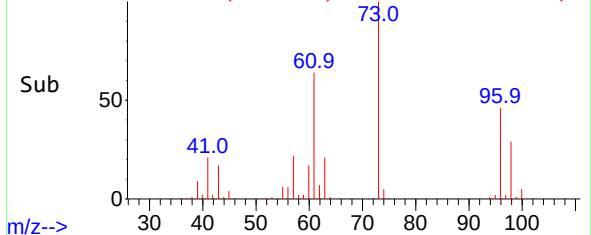
Abundance Scan 643 (3.357 min): VU056868.D\data.ms



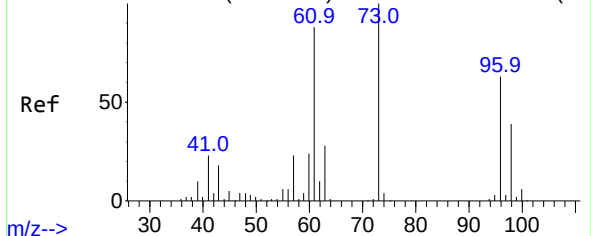
Abundance



Abundance Scan 643 (3.357 min): VU056868.D\data.ms (-54



Abundance Scan 640 (3.348 min): VU056851.D\data.ms (-62



#18

trans-1,2-Dichloroethene

Concen: 5.264 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU056868.D

Acq: 15 Dec 2023 10:05

Tgt Ion: 96 Resp: 109106

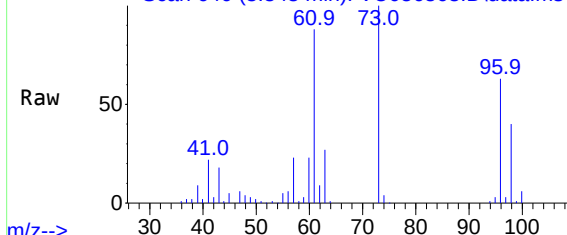
Ion Ratio Lower Upper

96 100

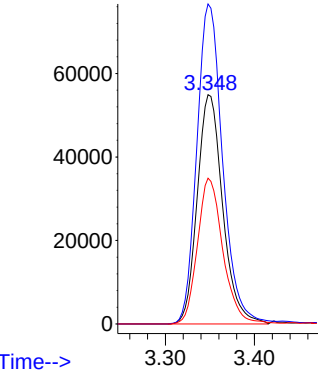
61 139.6 101.8 189.0

98 63.6 43.0 79.8

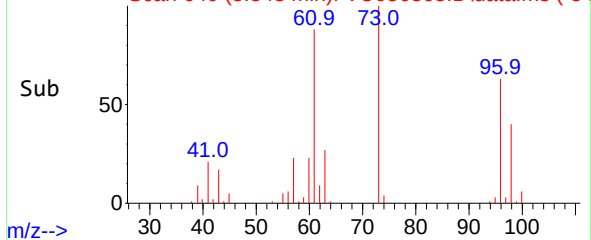
Abundance Scan 640 (3.348 min): VU056868.D\data.ms

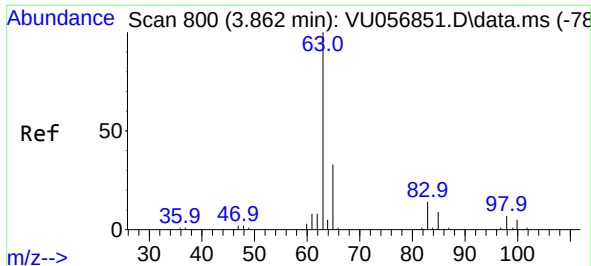


Abundance



Abundance Scan 640 (3.348 min): VU056868.D\data.ms (-54

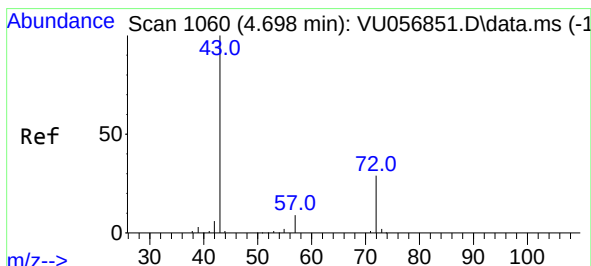
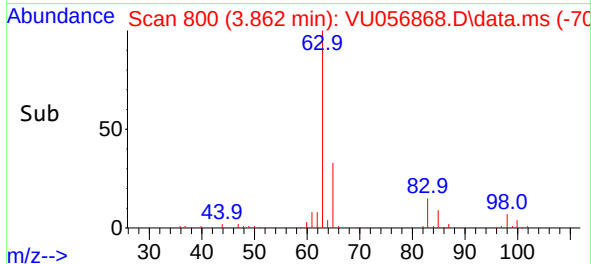
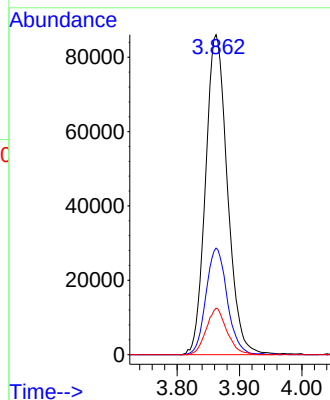
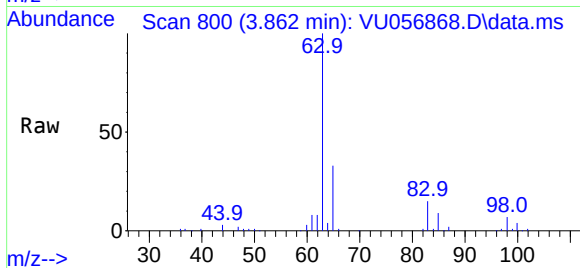




#19
1,1-Dichloroethane
Concen: 5.269 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

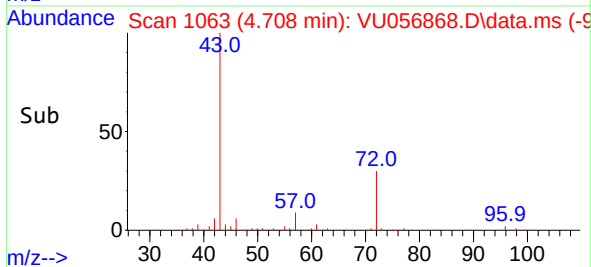
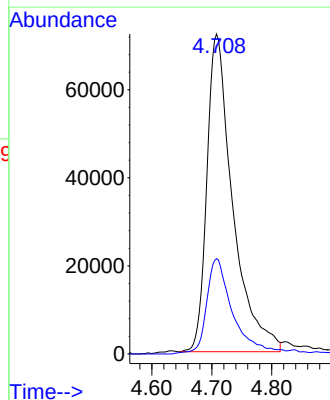
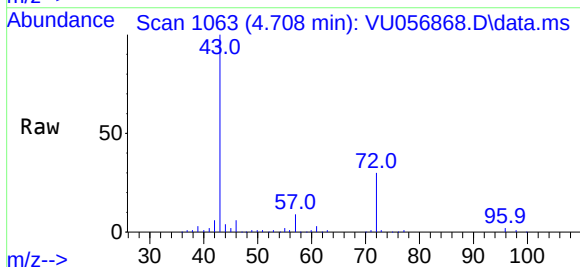
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

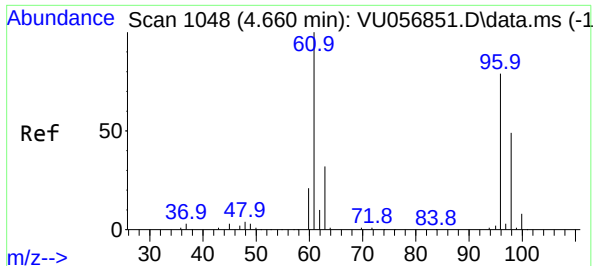
Tgt Ion: 63 Resp: 210095
Ion Ratio Lower Upper
63 100
65 33.3 22.9 42.5
83 14.6 10.1 18.9



#21
2-Butanone
Concen: 49.379 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.010 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 43 Resp: 216321
Ion Ratio Lower Upper
43 100
72 30.3 14.6 43.8

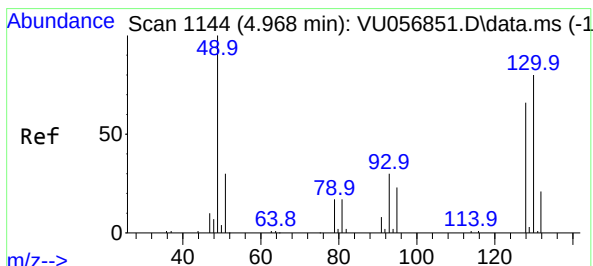
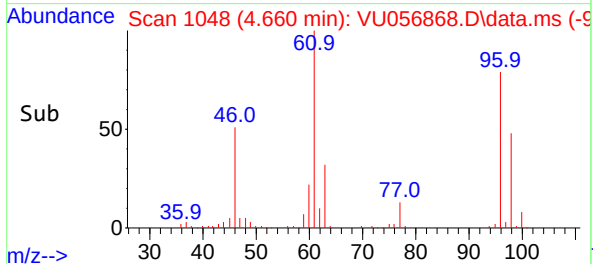
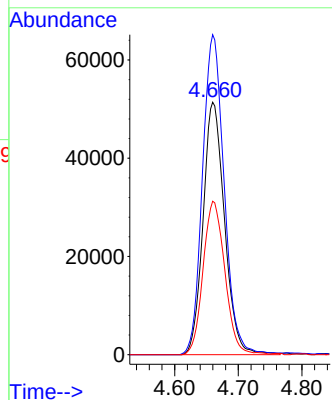
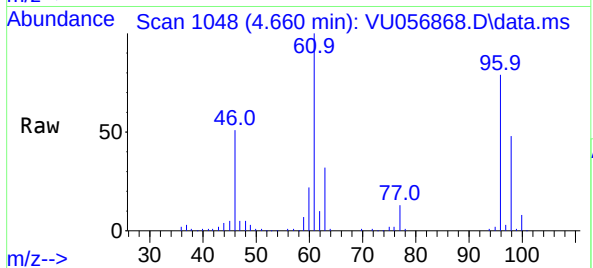




#22
cis-1,2-Dichloroethene
Concen: 5.353 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

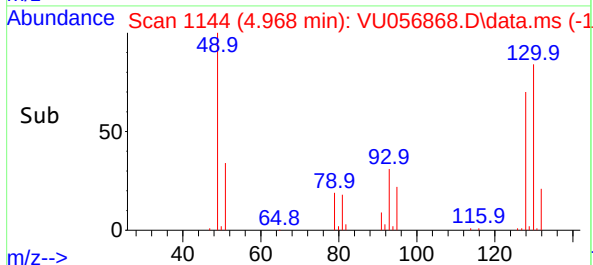
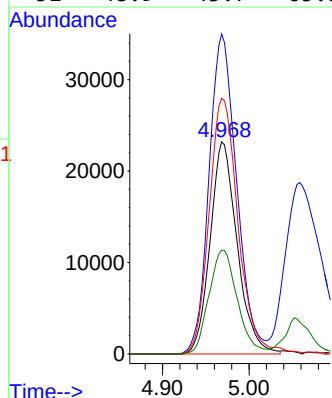
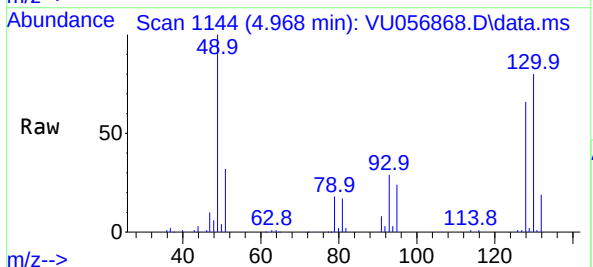
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

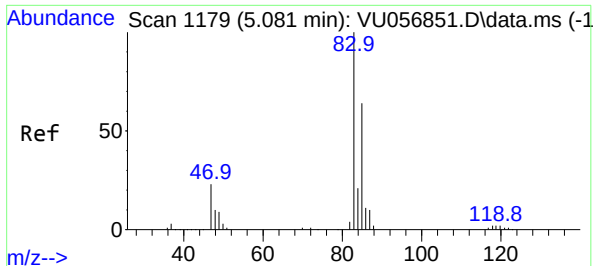
Tgt Ion: 96 Resp: 120706
Ion Ratio Lower Upper
96 100
61 126.7 91.3 169.6
98 60.8 44.2 82.0



#23
Bromochloromethane
Concen: 5.334 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 128 Resp: 50360
Ion Ratio Lower Upper
128 100
49 150.8 113.8 211.3
130 120.4 90.6 168.3
51 48.9 43.7 65.5





#25

Chloroform

Concen: 5.283 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056868.D

Acq: 15 Dec 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

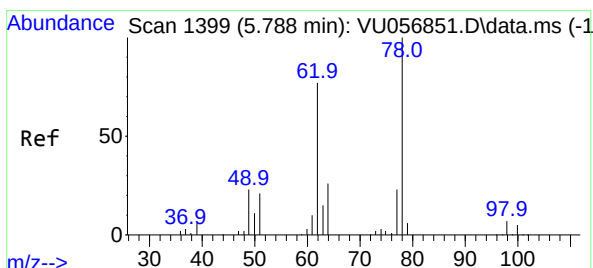
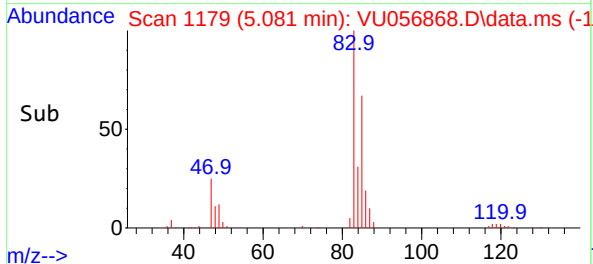
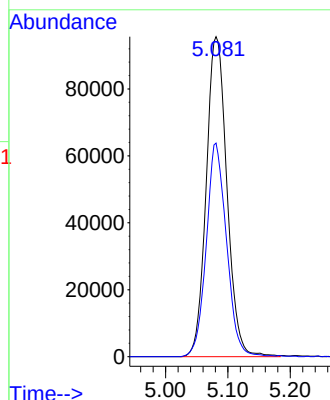
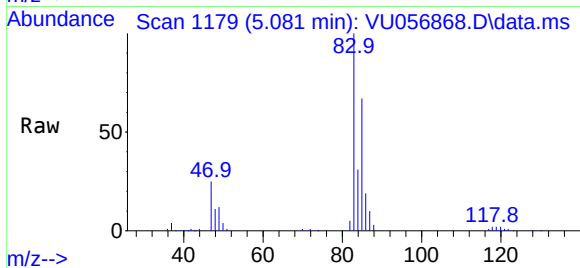
VSTD005084

Tgt Ion: 83 Resp: 220663

Ion Ratio Lower Upper

83 100

85 66.8 45.8 85.0



#27

1,2-Dichloroethane

Concen: 5.041 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056868.D

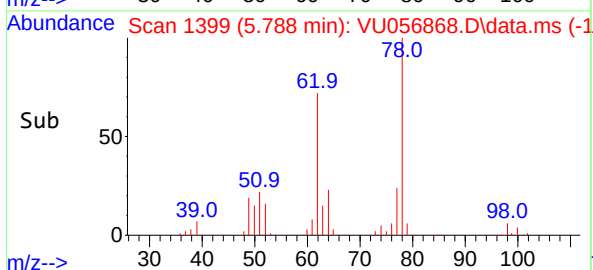
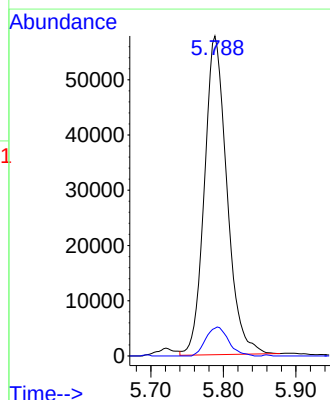
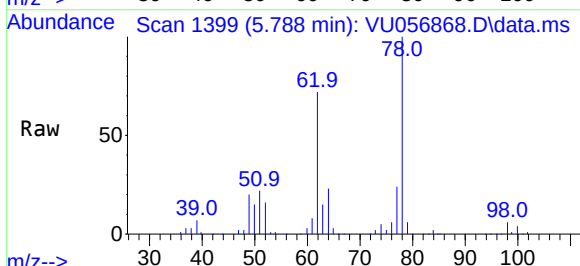
Acq: 15 Dec 2023 10:05

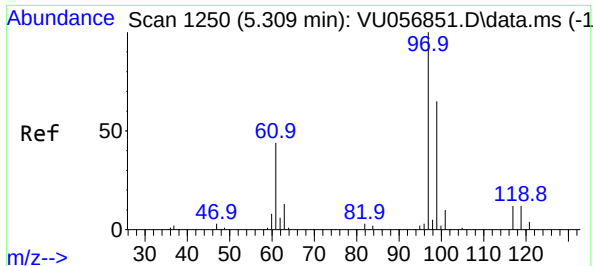
Tgt Ion: 62 Resp: 124535

Ion Ratio Lower Upper

62 100

98 8.7 7.8 11.6

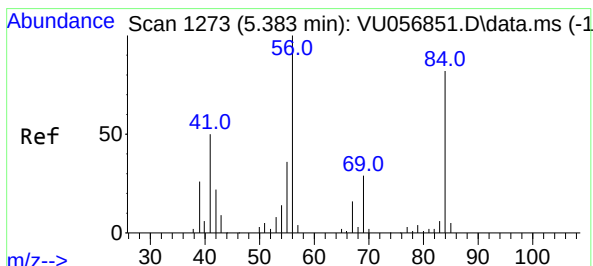
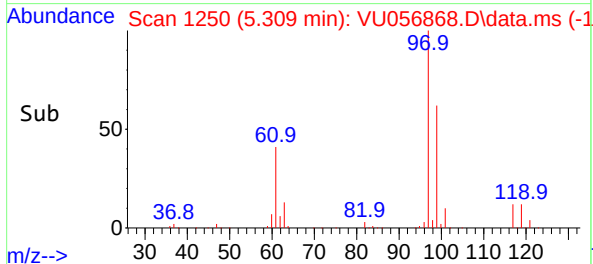
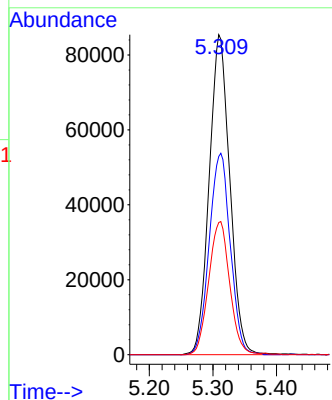
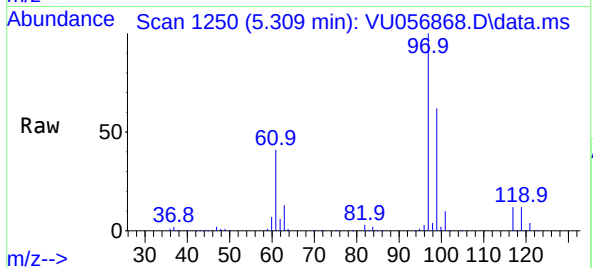




#29
1,1,1-Trichloroethane
Concen: 5.429 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

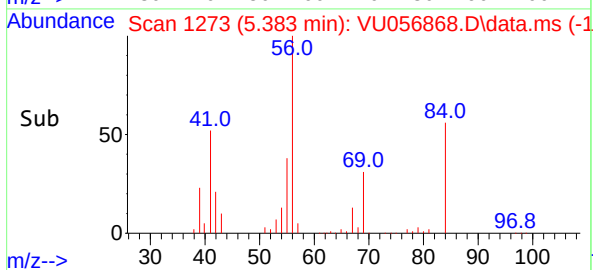
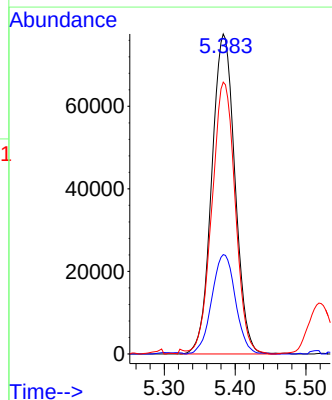
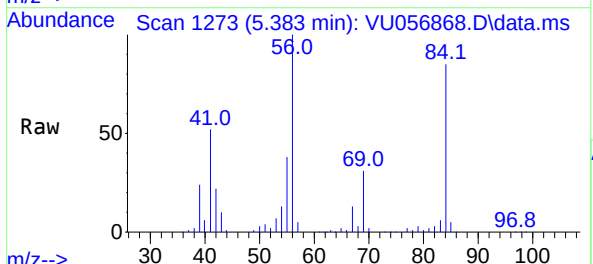
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

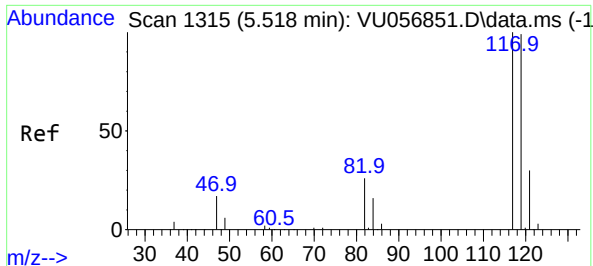
Tgt Ion: 97 Resp: 192187
Ion Ratio Lower Upper
97 100
99 64.4 52.5 78.7
61 42.4 34.2 51.2



#30
Cyclohexane
Concen: 5.297 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 56 Resp: 175984
Ion Ratio Lower Upper
56 100
69 31.8 24.9 37.3
84 85.5 67.6 101.4

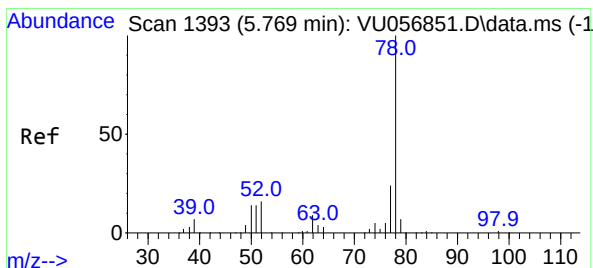
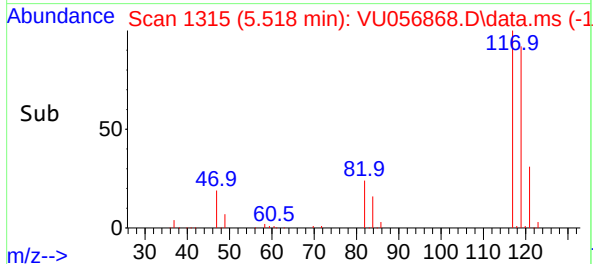
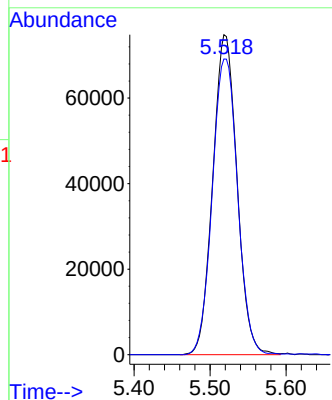
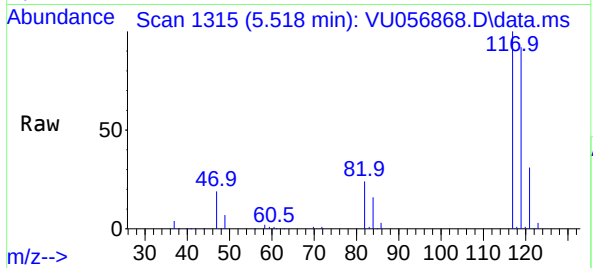




#31
Carbon tetrachloride
Concen: 5.382 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

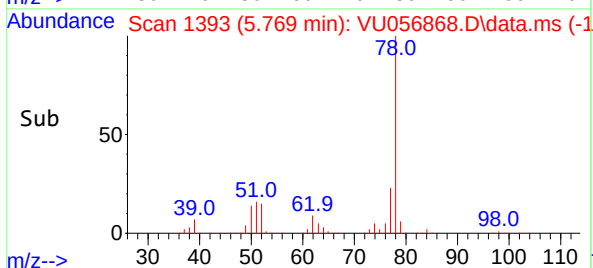
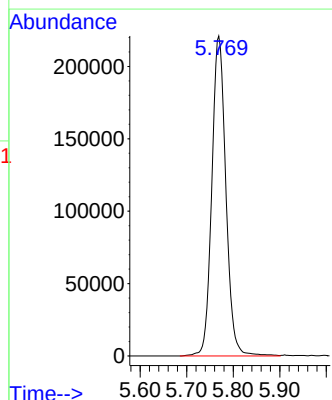
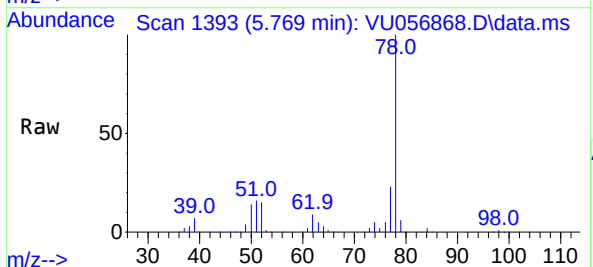
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

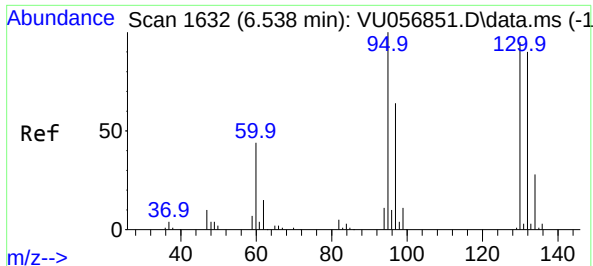
Tgt Ion:117 Resp: 165574
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4



#33
Benzene
Concen: 5.398 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 78 Resp: 464523

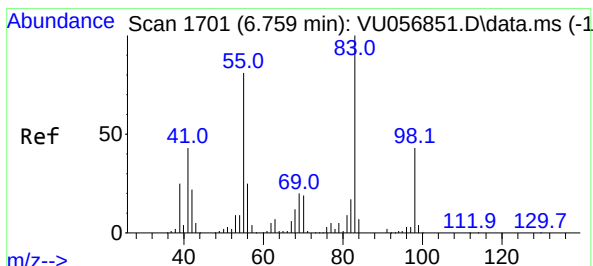
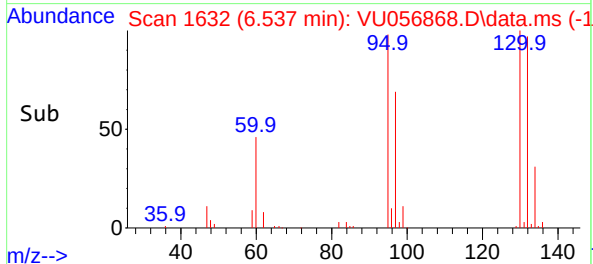
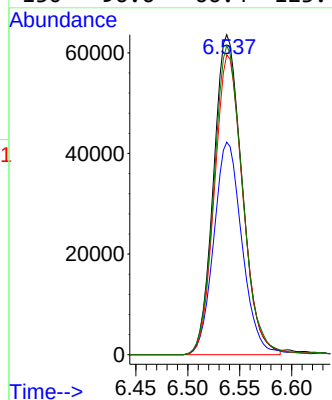
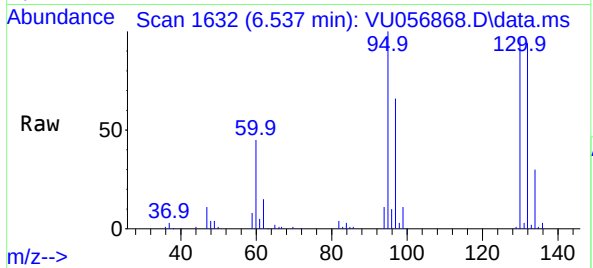




#34
Trichloroethene
Concen: 5.119 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

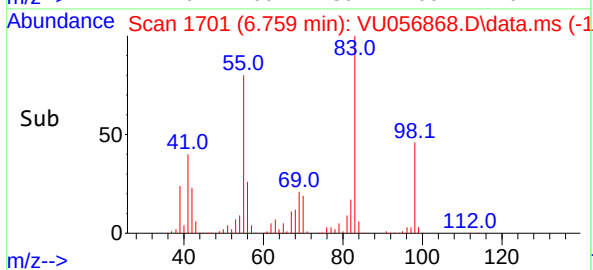
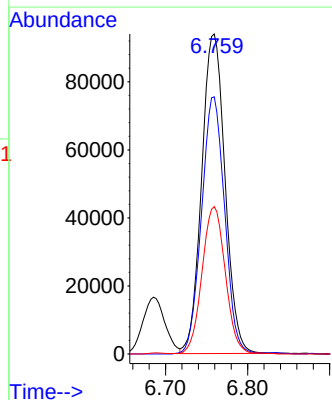
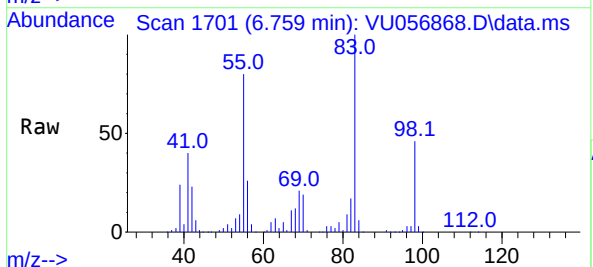
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

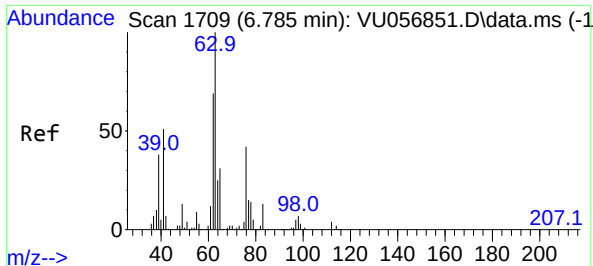
Tgt Ion: 95 Resp: 120840
Ion Ratio Lower Upper
95 100
97 66.4 46.1 85.5
132 93.7 63.6 118.0
130 96.6 66.4 123.4



#35
Methylcyclohexane
Concen: 5.341 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 83 Resp: 186080
Ion Ratio Lower Upper
83 100
55 79.5 64.6 97.0
98 45.5 36.1 54.1

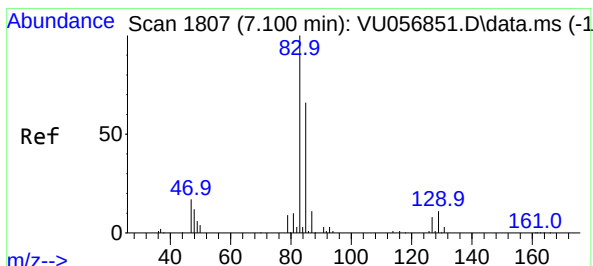
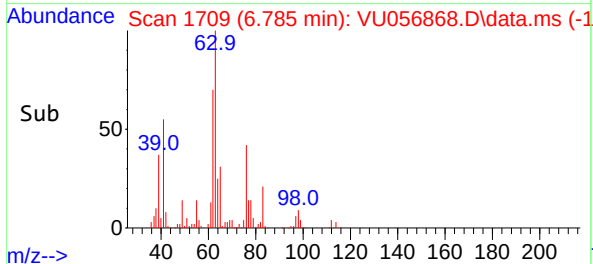
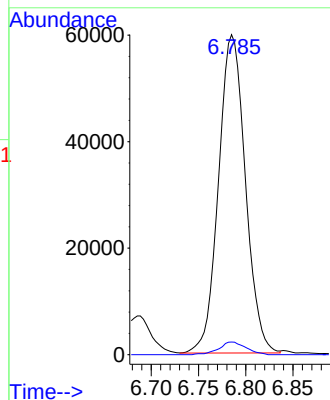
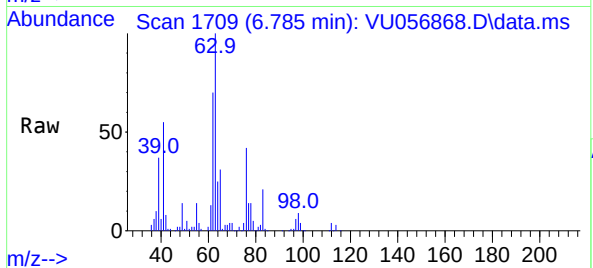




#37
1,2-Dichloropropane
Concen: 5.366 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

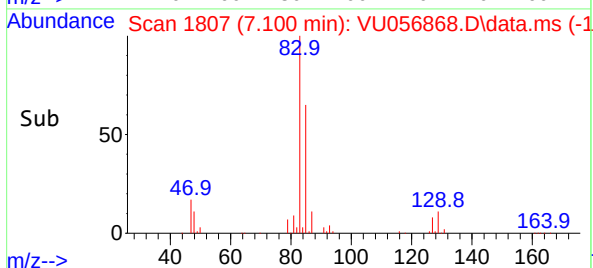
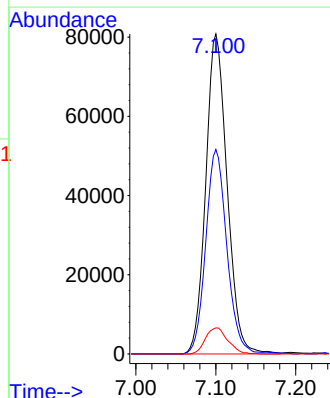
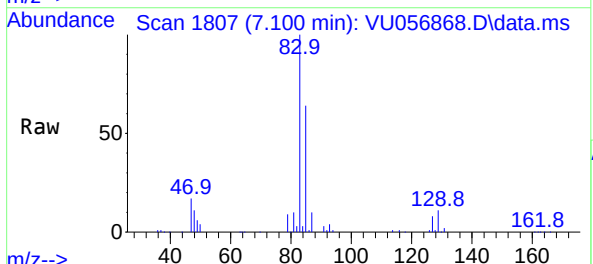
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

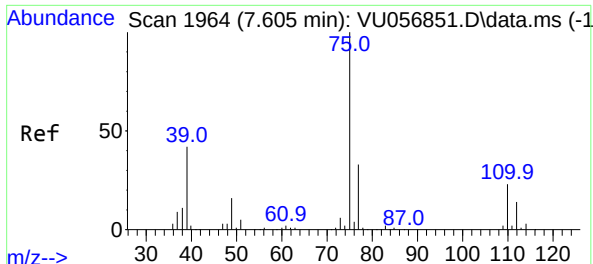
Tgt Ion: 63 Resp: 118129
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 5.340 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 83 Resp: 149914
Ion Ratio Lower Upper
83 100
85 63.9 45.0 83.6
127 8.1 7.0 10.4

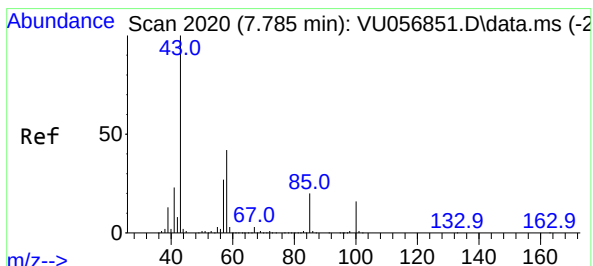
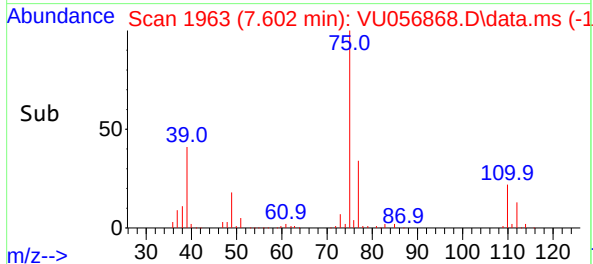
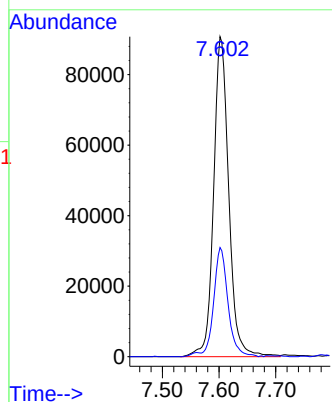
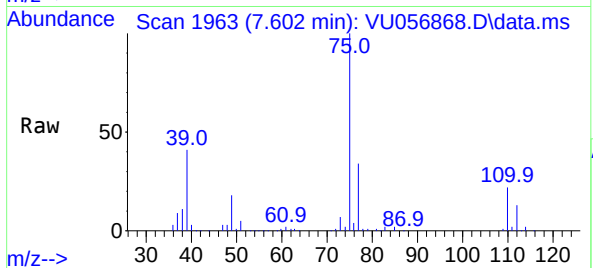




#39
cis-1,3-Dichloropropene
Concen: 5.258 ug/L
RT: 7.602 min Scan# 1964
Delta R.T. -0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

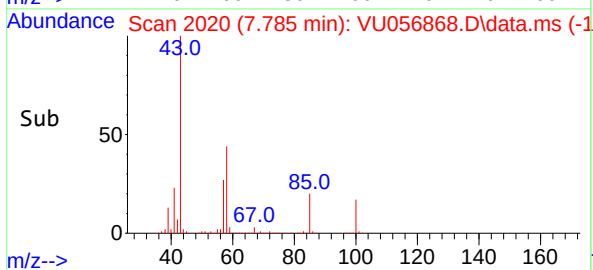
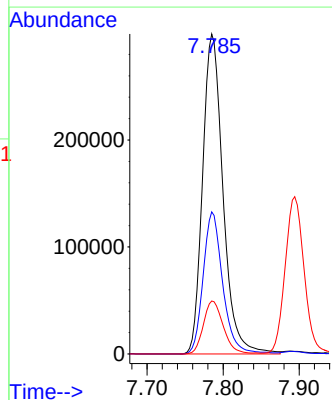
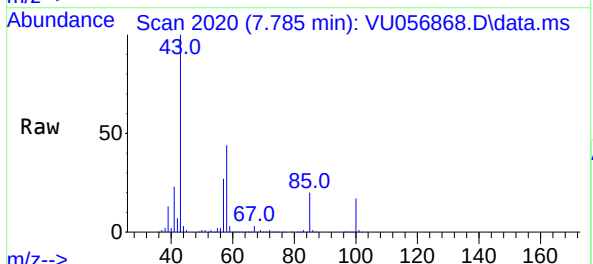
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

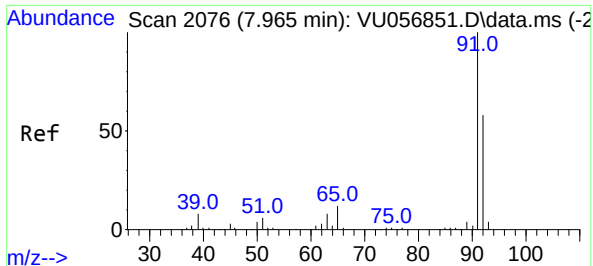
Tgt Ion: 75 Resp: 168707
Ion Ratio Lower Upper
75 100
77 34.1 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 53.438 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 43 Resp: 558618
Ion Ratio Lower Upper
43 100
58 42.7 33.7 50.5
100 16.1 13.0 19.4





#42

Toluene

Concen: 5.578 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056868.D

Acq: 15 Dec 2023 10:05

Instrument :

MSVOA_U

ClientSampleId :

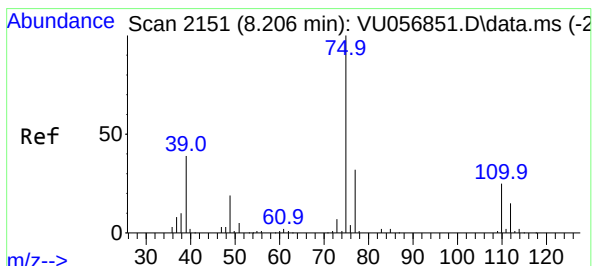
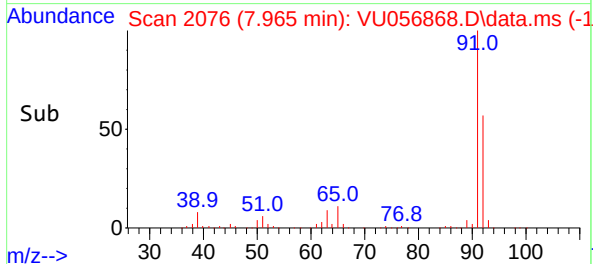
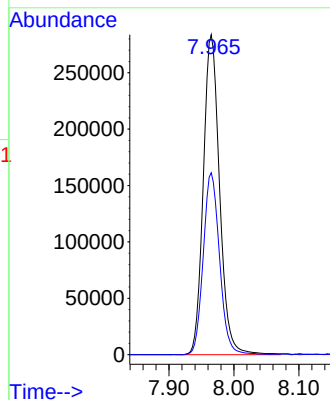
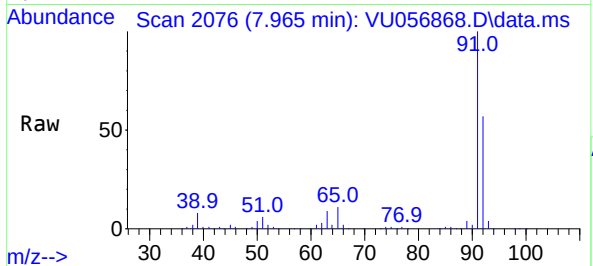
VSTD005084

Tgt Ion: 91 Resp: 496678

Ion Ratio Lower Upper

91 100

92 56.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.239 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056868.D

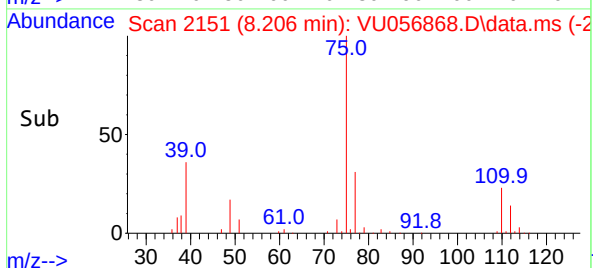
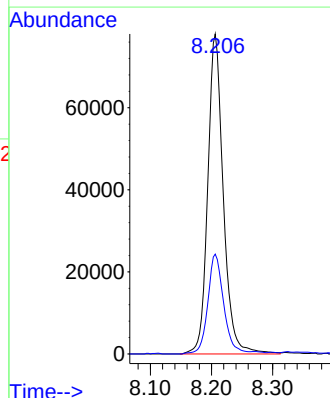
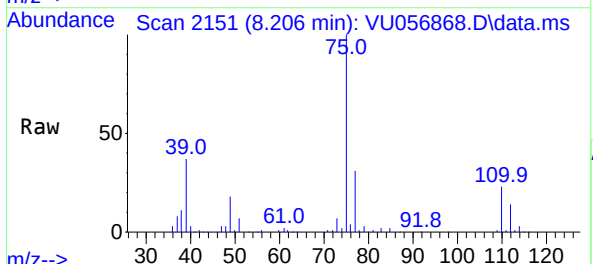
Acq: 15 Dec 2023 10:05

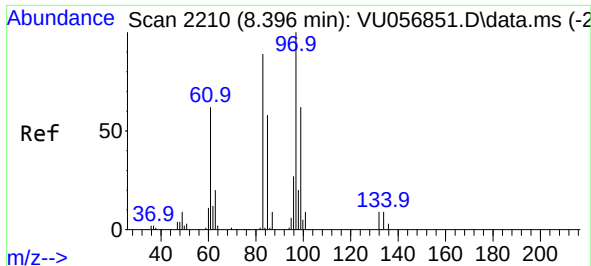
Tgt Ion: 75 Resp: 137762

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4



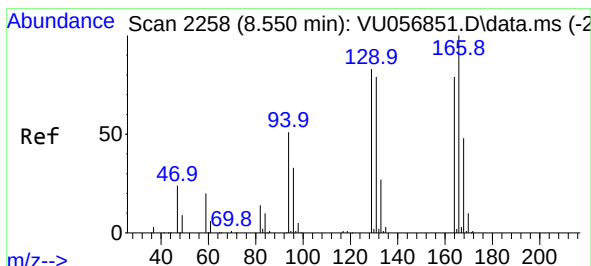
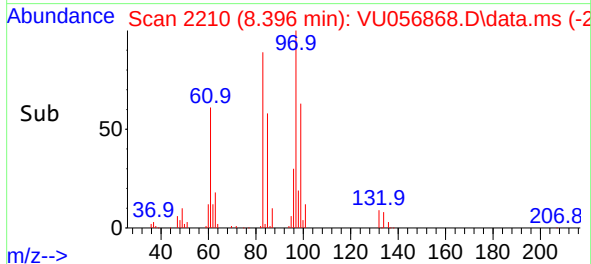
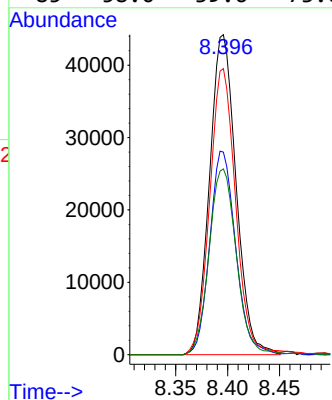
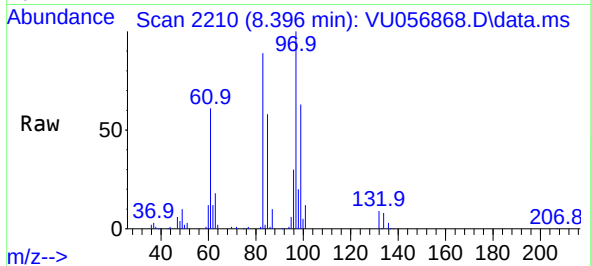


#45
1,1,2-Trichloroethane
Concen: 5.275 ug/L
RT: 8.396 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

Tgt Ion: 97 Resp: 78512

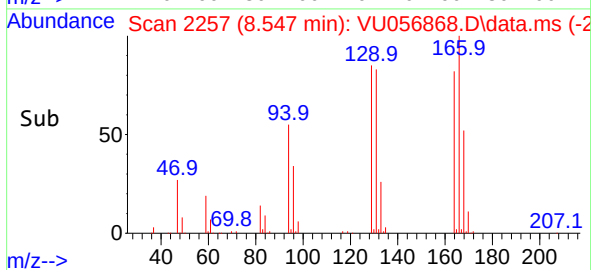
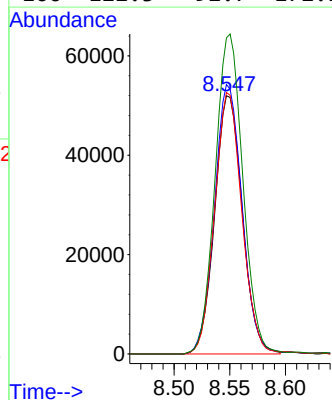
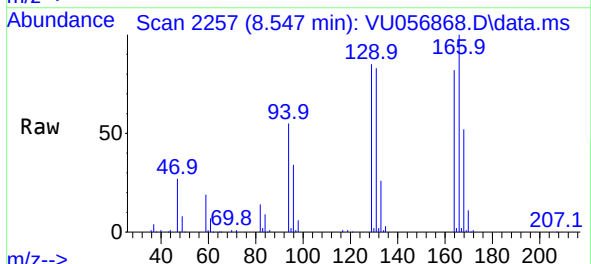
Ion	Ratio	Lower	Upper
97	100		
99	63.3	41.9	77.9
83	89.4	59.1	109.7
85	58.0	39.6	73.6

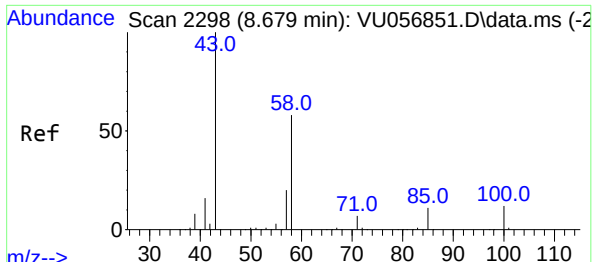


#47
Tetrachloroethene
Concen: 5.425 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 164 Resp: 89629

Ion	Ratio	Lower	Upper
164	100		
129	104.3	73.4	136.4
131	101.2	71.5	132.9
166	122.3	92.7	172.1

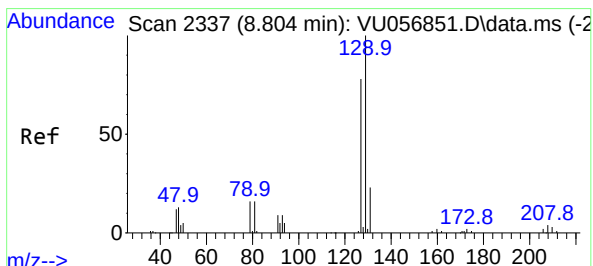
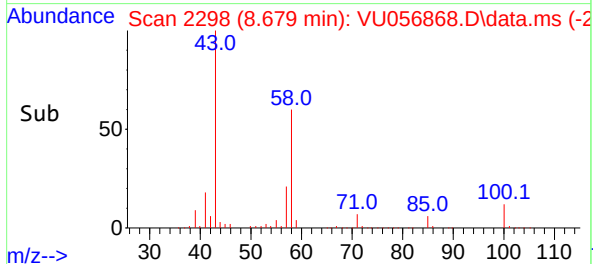
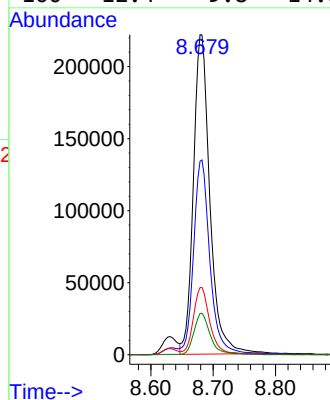
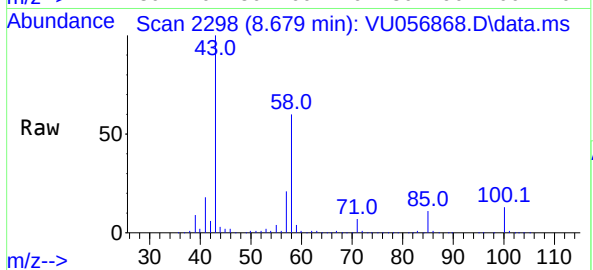




#48
2-Hexanone
Concen: 54.757 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

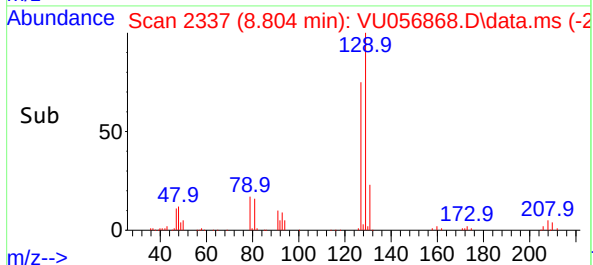
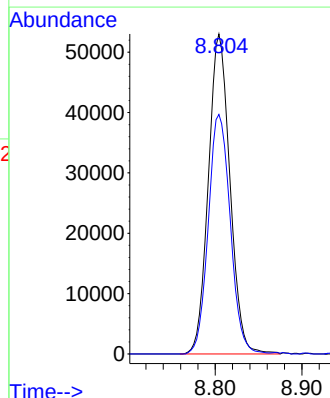
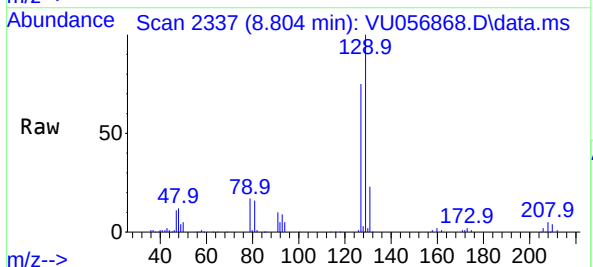
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

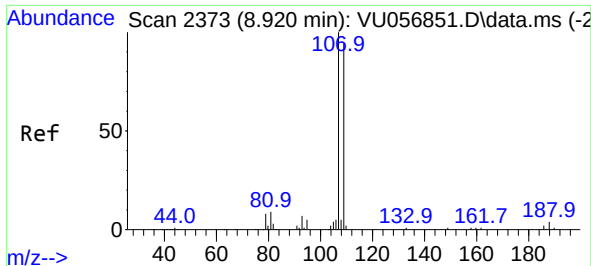
Tgt Ion: 43 Resp: 407678
Ion Ratio Lower Upper
43 100
58 59.0 47.5 71.3
57 21.0 17.0 25.4
100 12.4 9.8 14.8



#49
Dibromochloromethane
Concen: 5.363 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 129 Resp: 91744
Ion Ratio Lower Upper
129 100
127 74.9 53.9 100.1

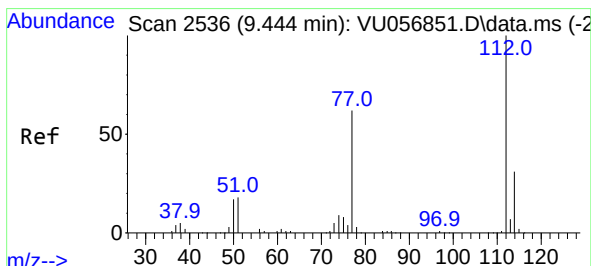
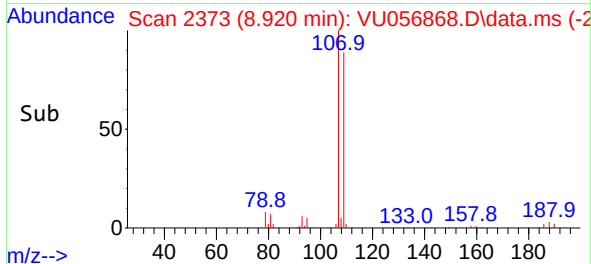
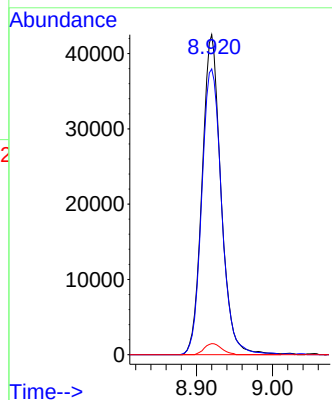
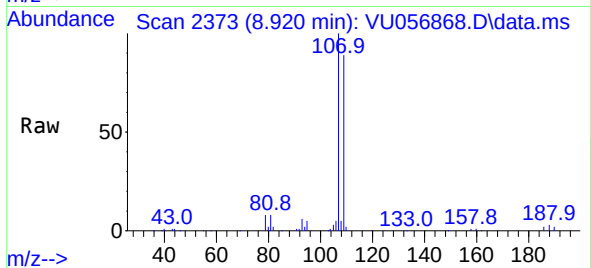




#50
1,2-Dibromoethane
Concen: 5.312 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

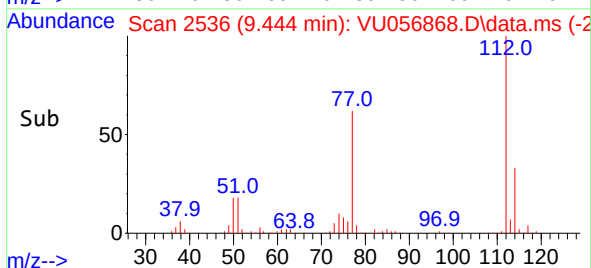
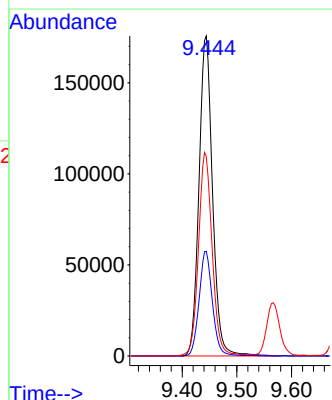
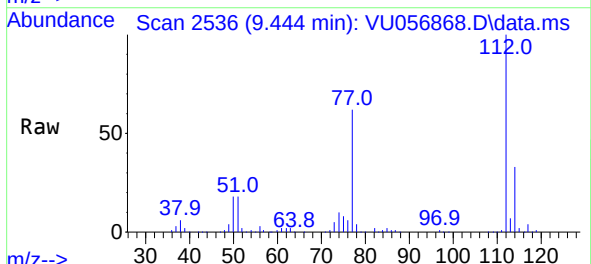
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

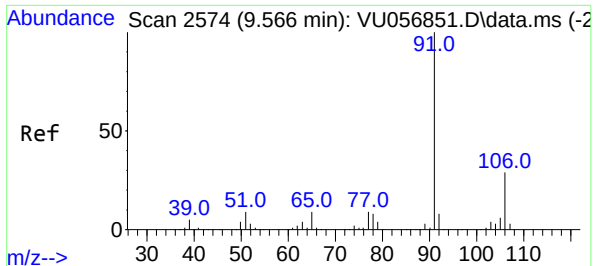
Tgt Ion:107 Resp: 73375
Ion Ratio Lower Upper
107 100
109 89.3 66.5 123.5
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 5.322 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion:112 Resp: 302073
Ion Ratio Lower Upper
112 100
114 32.7 21.9 40.7
77 62.3 51.6 77.4

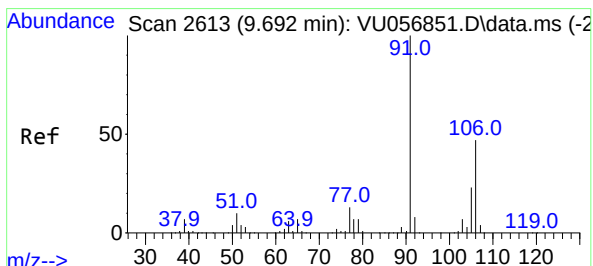
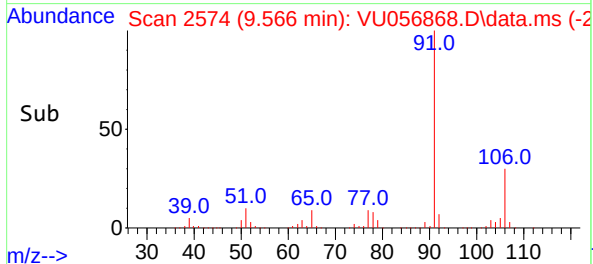
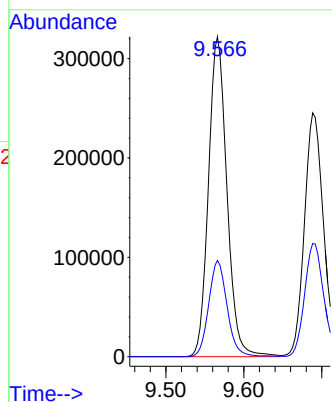
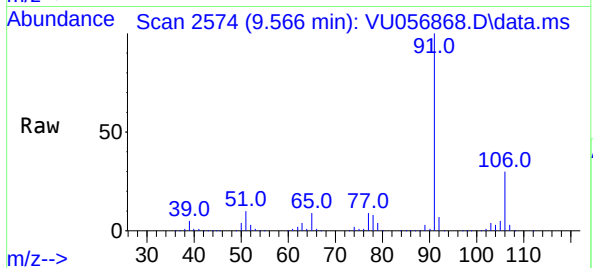




#52
Ethylbenzene
Concen: 5.397 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

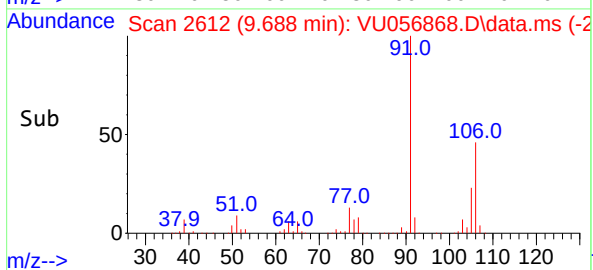
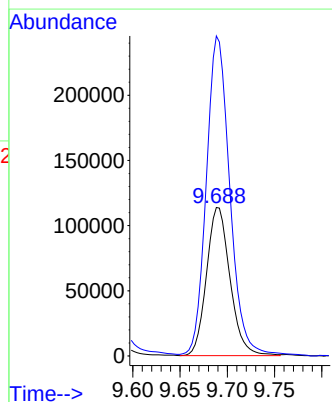
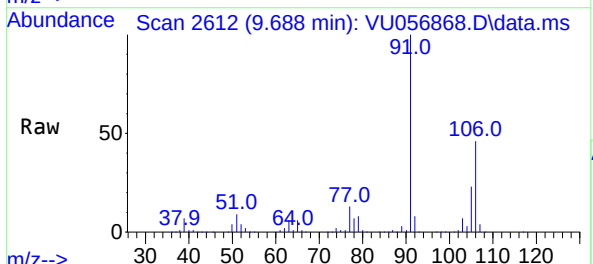
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

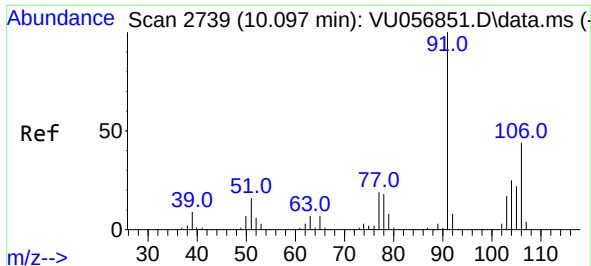
Tgt Ion: 91 Resp: 530182
Ion Ratio Lower Upper
91 100
106 30.1 20.6 38.4



#53
m,p-Xylene
Concen: 5.365 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 106 Resp: 196357
Ion Ratio Lower Upper
106 100
91 215.5 154.0 286.0

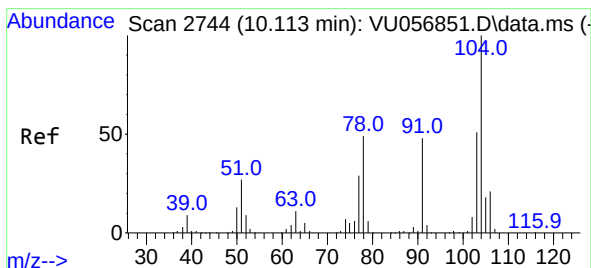
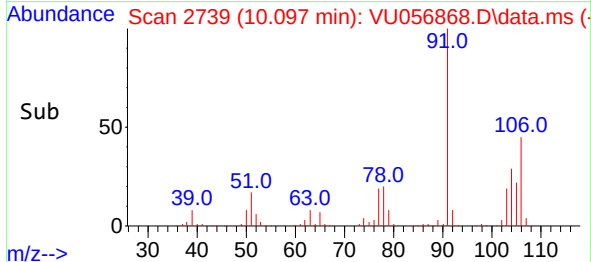
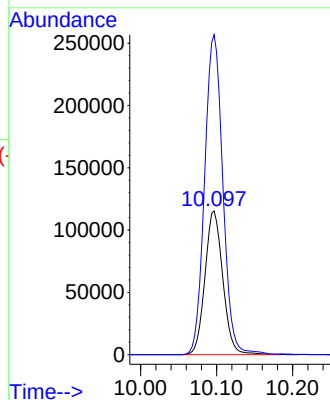
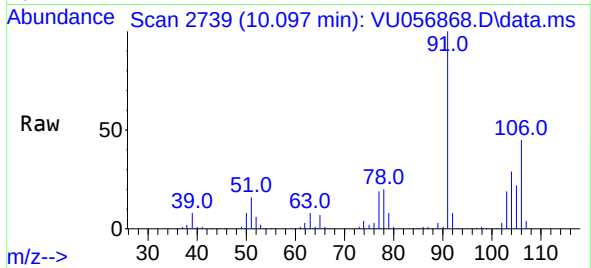




#54
o-Xylene
Concen: 5.402 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

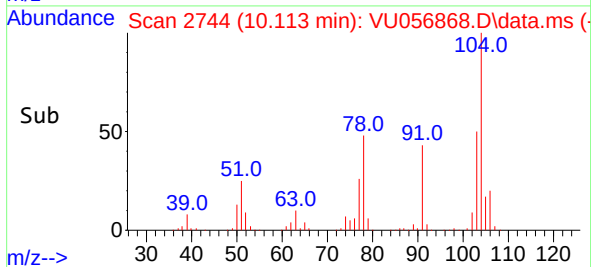
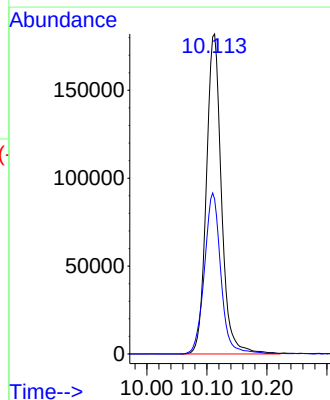
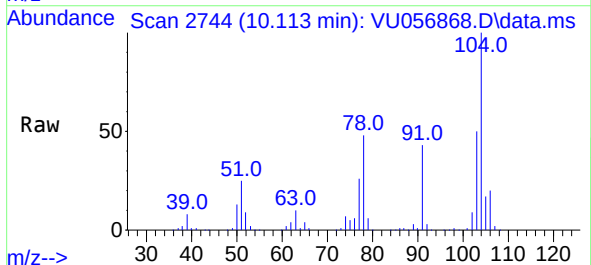
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

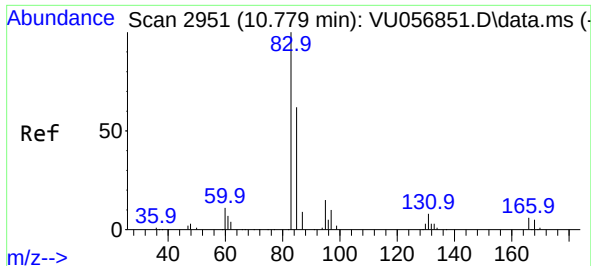
Tgt Ion:106 Resp: 188335
Ion Ratio Lower Upper
106 100
91 222.8 160.2 297.6



#55
Styrene
Concen: 5.588 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion:104 Resp: 319906
Ion Ratio Lower Upper
104 100
78 48.4 35.6 66.2

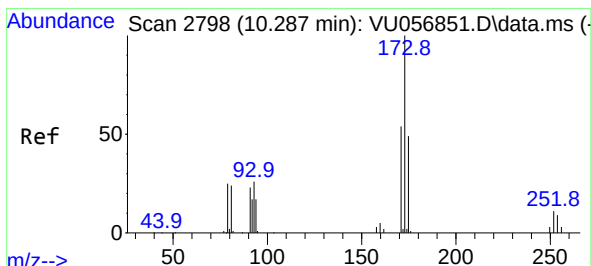
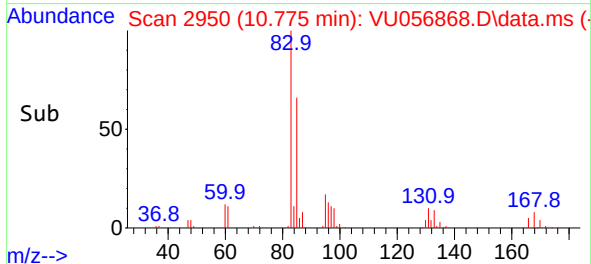
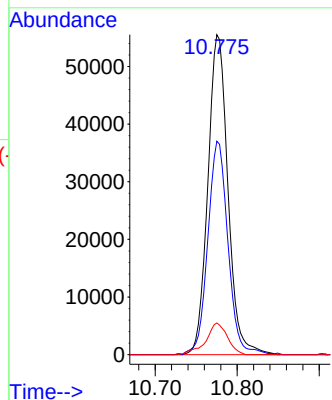
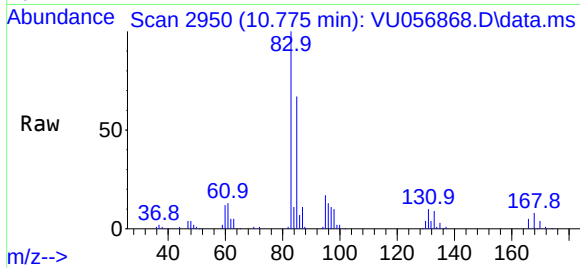




#57
1,1,2,2-Tetrachloroethane
Concen: 5.259 ug/L
RT: 10.775 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

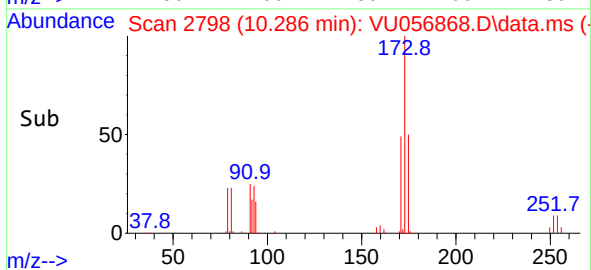
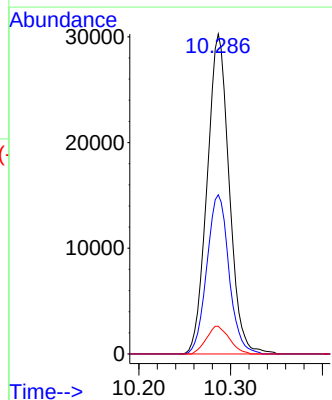
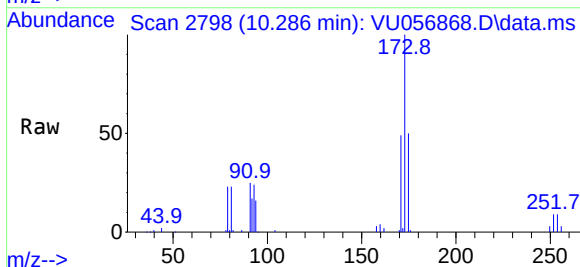
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

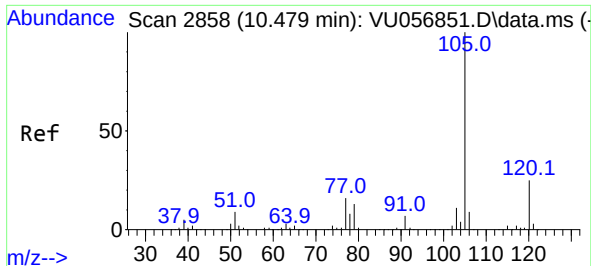
Tgt Ion: 83 Resp: 94566
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.4
131 9.9 6.6 9.8#



#59
Bromoform
Concen: 4.992 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion:173 Resp: 50650
Ion Ratio Lower Upper
173 100
175 49.9 38.2 57.2
254 9.0 7.0 10.4

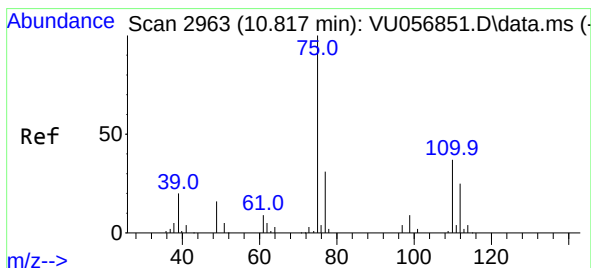
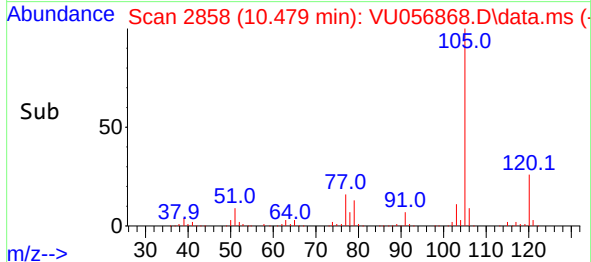
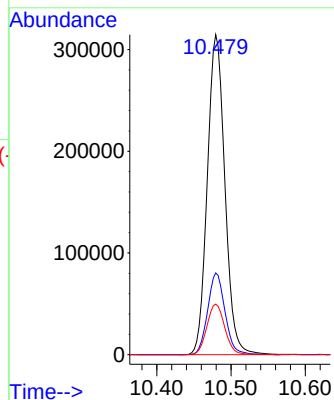
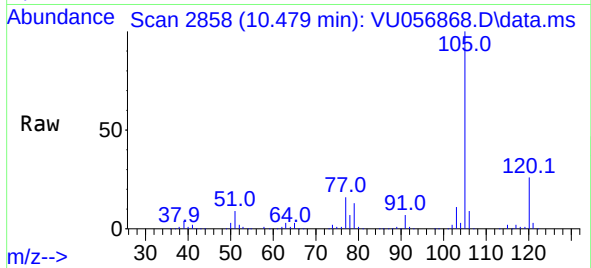




#60
Isopropylbenzene
Concen: 5.259 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

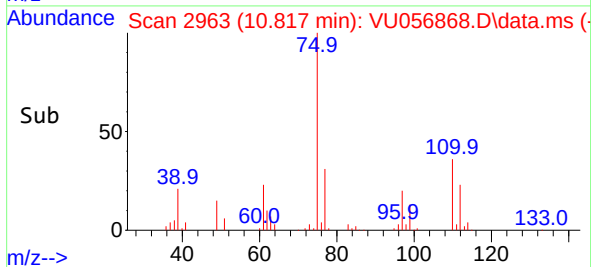
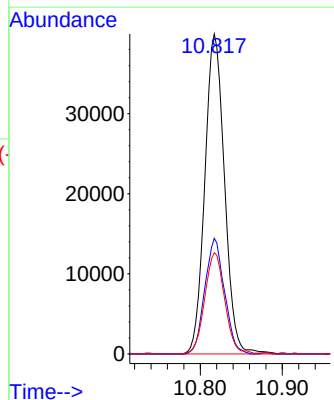
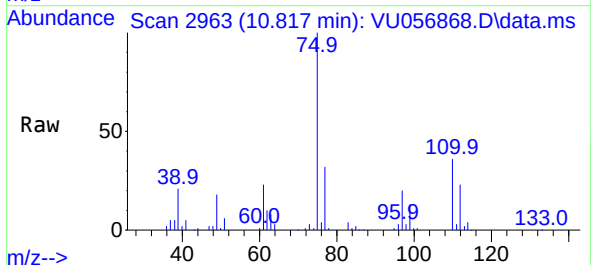
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

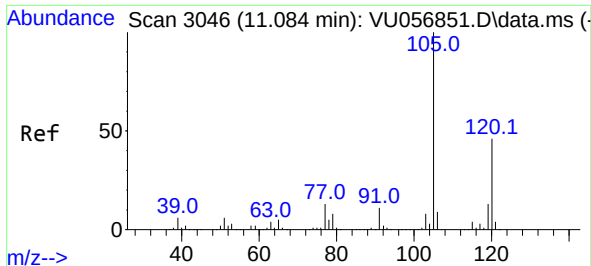
Tgt Ion:105 Resp: 516226
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.989 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 75 Resp: 66563
Ion Ratio Lower Upper
75 100
110 36.0 28.4 42.6
77 32.2 26.3 39.5

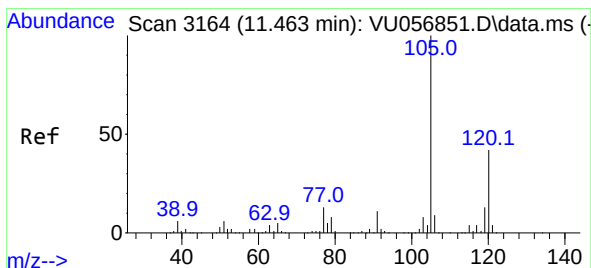
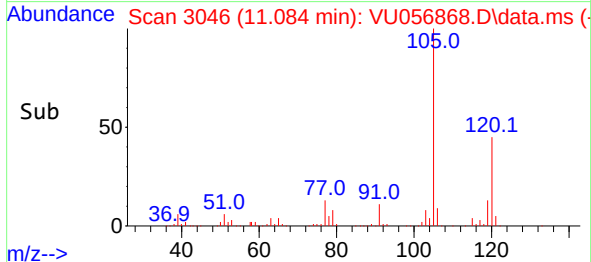
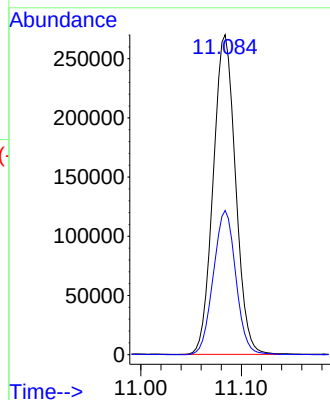
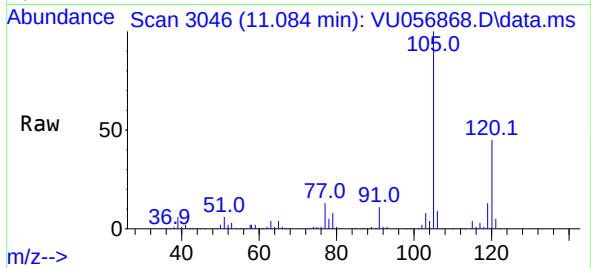




#62
1,3,5-Trimethylbenzene
Concen: 5.201 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

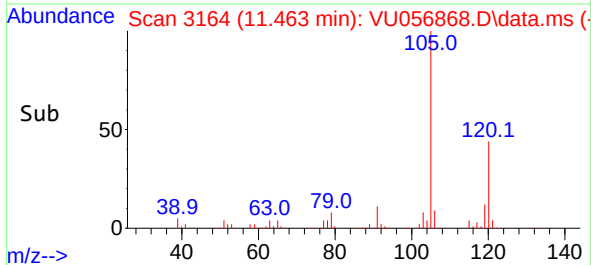
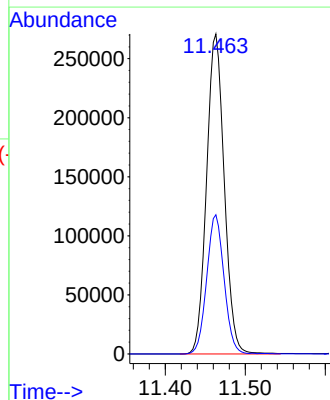
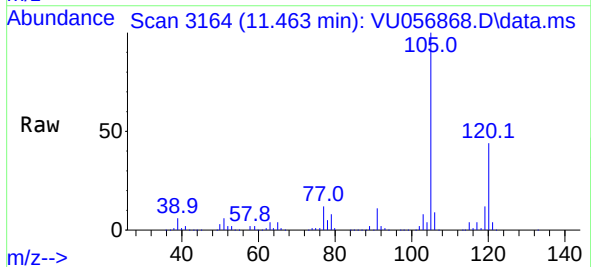
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

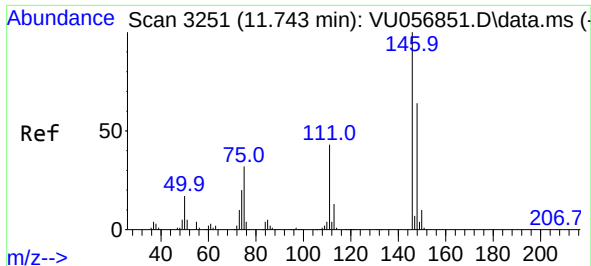
Tgt Ion:105 Resp: 417306
Ion Ratio Lower Upper
105 100
120 45.4 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 5.238 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion:105 Resp: 417390
Ion Ratio Lower Upper
105 100
120 42.7 34.2 51.4

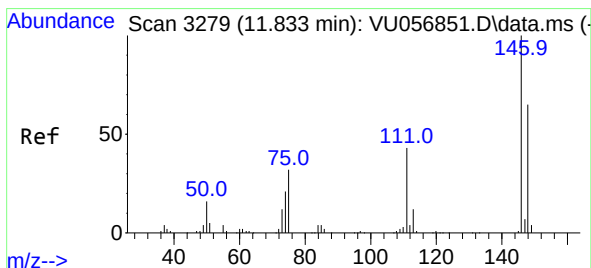
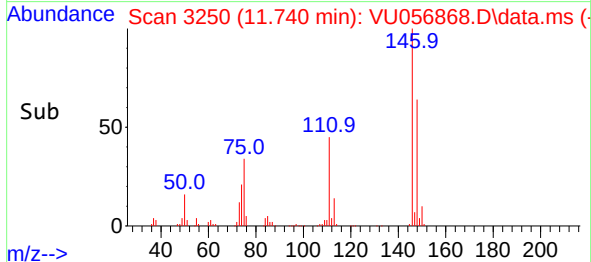
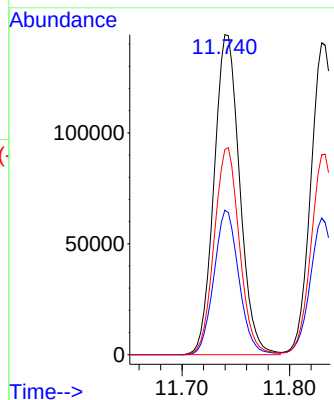
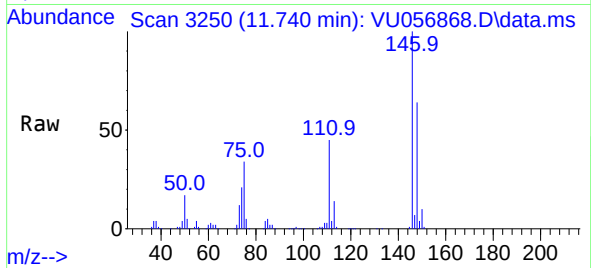




#64
1,3-Dichlorobenzene
Concen: 5.149 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

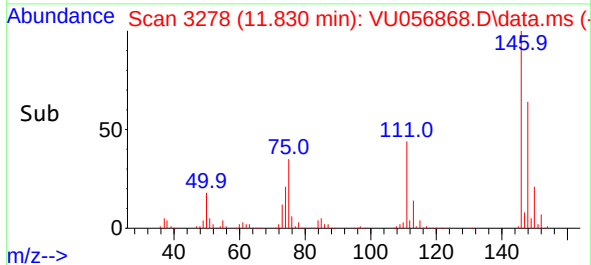
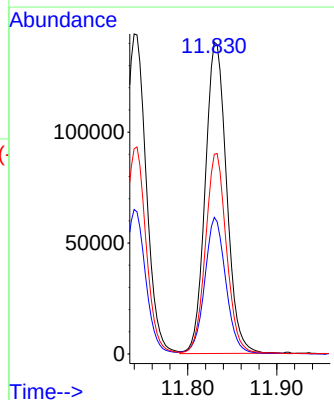
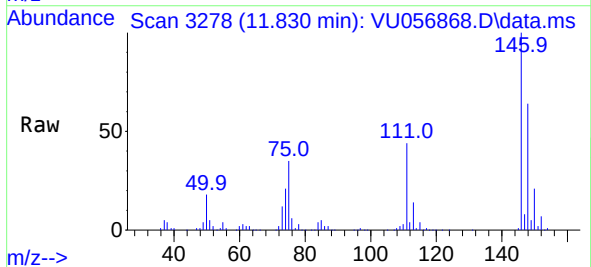
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

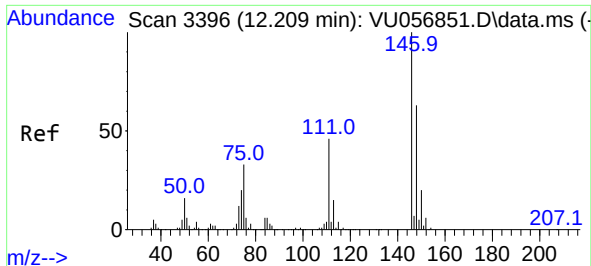
Tgt Ion:146 Resp: 239121
Ion Ratio Lower Upper
146 100
111 45.1 31.7 58.9
148 64.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.113 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion:146 Resp: 233787
Ion Ratio Lower Upper
146 100
111 43.8 31.2 58.0
148 64.0 45.6 84.8

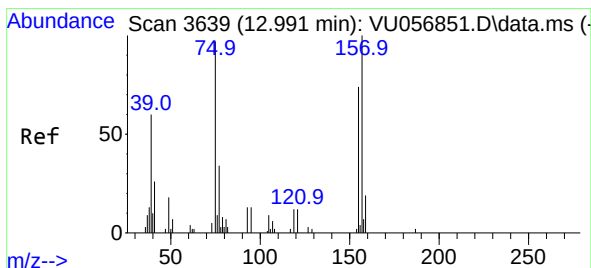
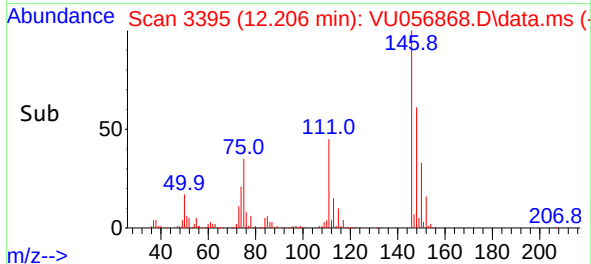
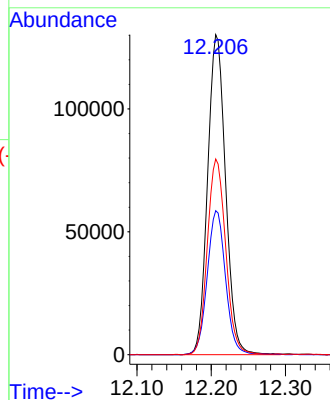
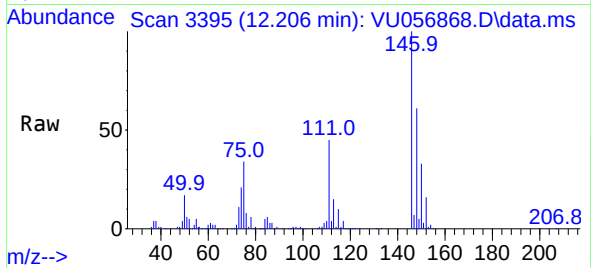




#67
1,2-Dichlorobenzene
Concen: 5.172 ug/L
RT: 12.206 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

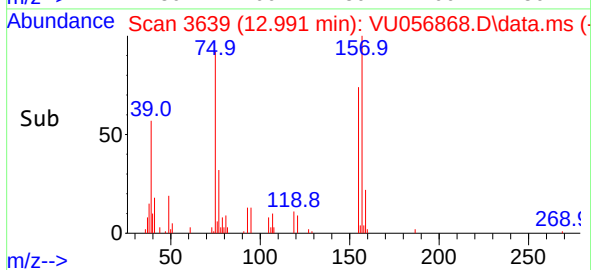
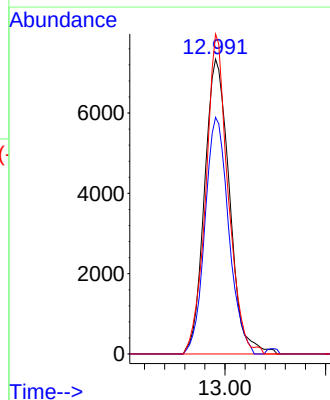
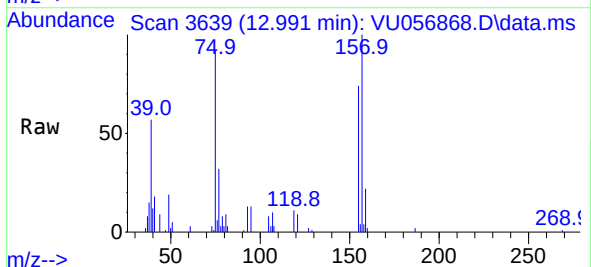
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

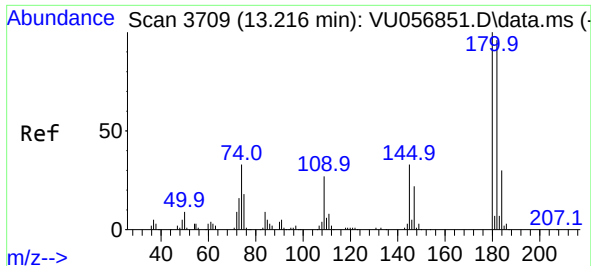
Tgt Ion:146 Resp: 218793
Ion Ratio Lower Upper
146 100
111 45.0 36.9 55.3
148 61.1 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.735 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion: 75 Resp: 12613
Ion Ratio Lower Upper
75 100
155 80.2 55.4 83.2
157 108.5 77.3 115.9

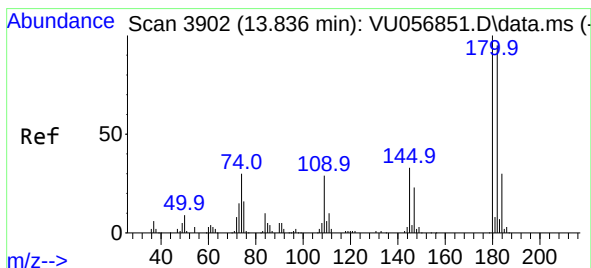
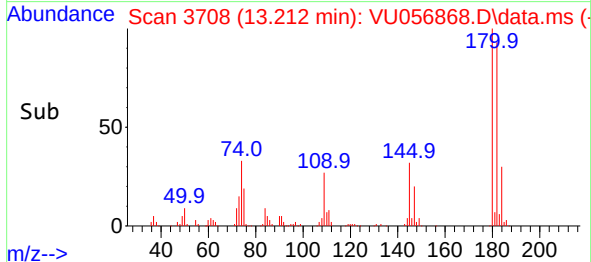
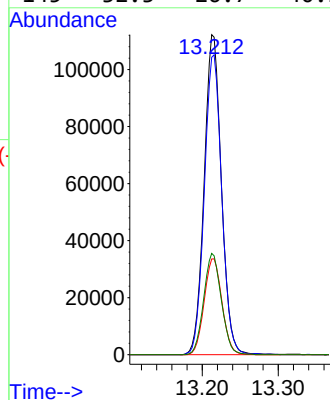
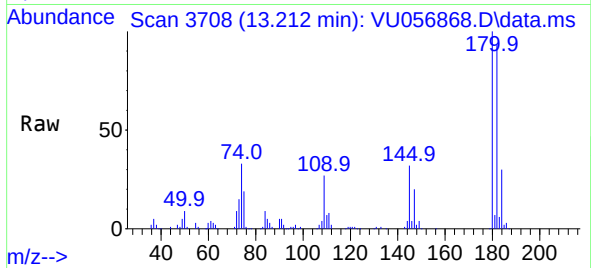




#69
1,3,5-Trichlorobenzene
Concen: 5.037 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

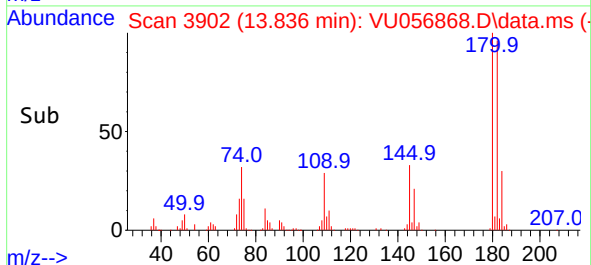
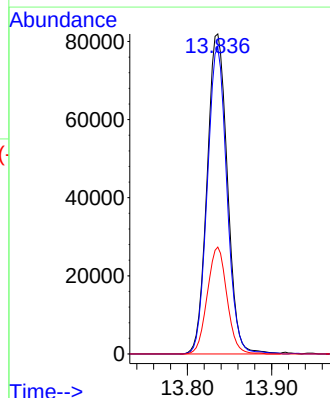
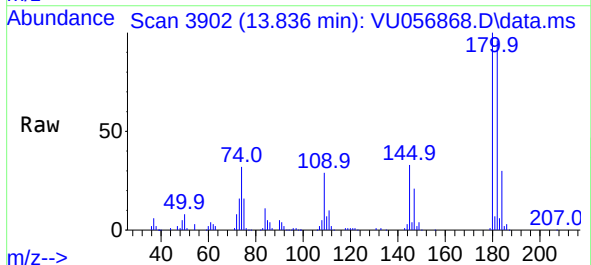
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

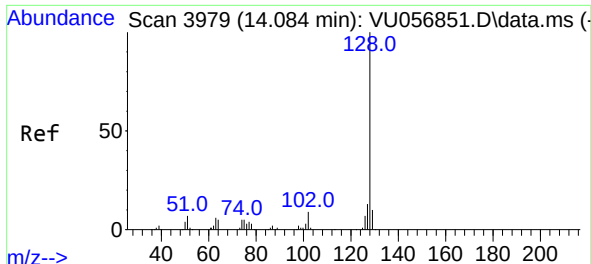
Tgt Ion:180 Resp: 176739
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.4
184 30.9 24.6 37.0
145 32.3 26.7 40.1



#70
1,2,4-trichlorobenzene
Concen: 4.940 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion:180 Resp: 137274
Ion Ratio Lower Upper
180 100
182 92.5 74.3 111.5
145 32.4 26.7 40.1

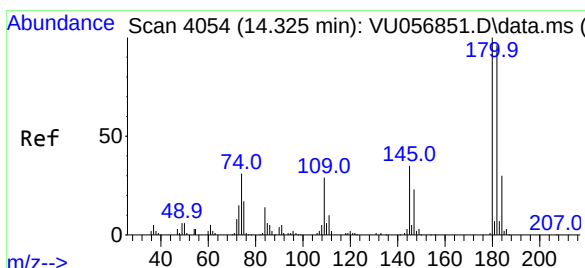
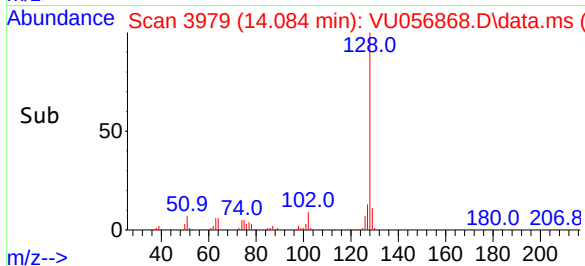
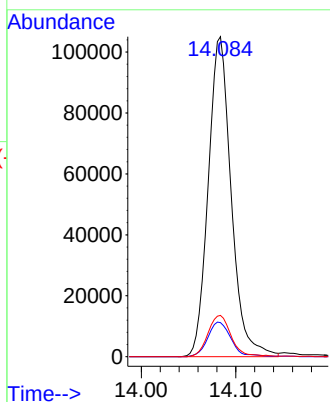
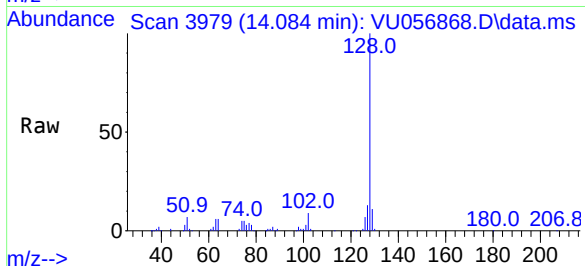




#71
Naphthalene
Concen: 4.358 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

Tgt Ion:	128	Resp:	177192
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.1	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.659 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056868.D
Acq: 15 Dec 2023 10:05

Tgt Ion:	180	Resp:	109914
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.6
145	36.6	28.6	42.8

