

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\Not Reviewed Data\
 Data File : VU056824.D
 Acq On : 13 Dec 2023 08:45
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Quant Time: Dec 13 18:11:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	264924	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120331	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	97650	4.300	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.904	69	59702	3.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.557	65	42977	4.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.621	46	228825	51.025	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	5.055	84	206863	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.695	65	98393	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.721	84	396444	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.682	67	123043	4.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.894	98	354887	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.177	79	45872	4.669	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.640	63	201304	54.331	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.660%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93234	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	116703	4.934	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	130716	4.709	ug/L	98
3) Chloromethane	1.515	50	132124	4.840	ug/L	98
5) Vinyl chloride	1.602	62	133099	4.910	ug/L	99
6) Bromomethane	1.853	94	58444	3.657	ug/L	96
8) Chloroethane	1.924	64	56400	3.552	ug/L	98
9) Trichlorofluoromethane	2.126	101	185817	4.864	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	110428	4.713	ug/L	100
12) 1,1-Dichloroethene	2.570	96	102557	4.768	ug/L	98
13) Acetone	2.628	43	124701	45.628	ug/L	98
14) Carbon disulfide	2.785	76	345374	4.628	ug/L	100
15) Methyl Acetate	2.946	43	36178	4.863	ug/L	98
16) Methylene chloride	3.039	84	118543	5.059	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	236320	4.955	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	108138	4.959	ug/L	97
19) 1,1-Dichloroethane	3.859	63	202733	4.833	ug/L	98
21) 2-Butanone	4.702	43	211756	45.946	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	115708	4.877	ug/L	99
23) Bromochloromethane	4.968	128	48913	4.925	ug/L	94
25) Chloroform	5.078	83	210848	4.798	ug/L	96

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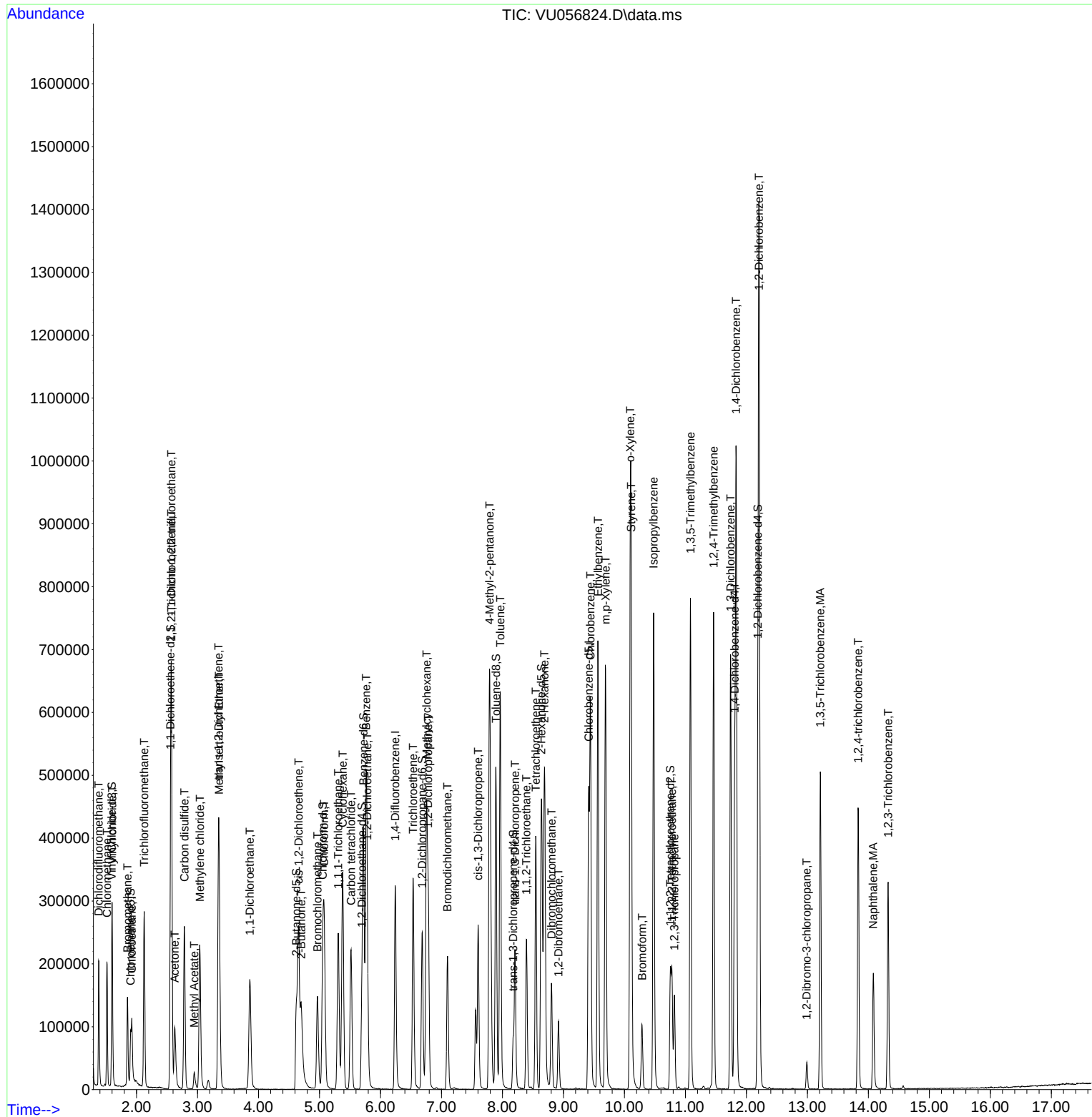
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	124896	4.806	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	186756	4.951	ug/L	99
30) Cyclohexane	5.380	56	177747	5.021	ug/L	99
31) Carbon tetrachloride	5.518	117	160509	4.896	ug/L	99
33) Benzene	5.766	78	456858	4.982	ug/L	100
34) Trichloroethene	6.534	95	120461	4.789	ug/L	98
35) Methylcyclohexane	6.756	83	177620	4.785	ug/L	97
37) 1,2-Dichloropropane	6.782	63	115545	4.926	ug/L	98
38) Bromodichloromethane	7.100	83	142978	4.780	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	165561	4.843	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	563436	50.583	ug/L	99
42) Toluene	7.965	91	482773	5.088	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	133004	4.747	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	78215	4.932	ug/L	98
47) Tetrachloroethene	8.547	164	85119	4.835	ug/L	97
48) 2-Hexanone	8.689	43	402793	50.772	ug/L	98
49) Dibromochloromethane	8.804	129	88966	4.880	ug/L	99
50) 1,2-Dibromoethane	8.920	107	72079	4.897	ug/L	98
51) Chlorobenzene	9.444	112	335866	5.554	ug/L	98
52) Ethylbenzene	9.566	91	528007	5.045	ug/L	100
53) m,p-Xylene	9.692	106	201420	5.165	ug/L	94
54) o-Xylene	10.097	106	190157	5.118	ug/L	99
55) Styrene	10.113	104	324461	5.319	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	94908	4.954	ug/L #	97
59) Bromoform	10.290	173	50655	5.156	ug/L	98
60) Isopropylbenzene	10.479	105	510032	5.365	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	65455	5.066	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	429153	5.523	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	421883	5.467	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	280951	6.247	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	387914	8.760	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	517066	12.621	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	12245	4.747	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	152751	4.495	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	131978	4.904	ug/L	99
71) Naphthalene	14.081	128	156333	3.970	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	98970	4.332	ug/L	100

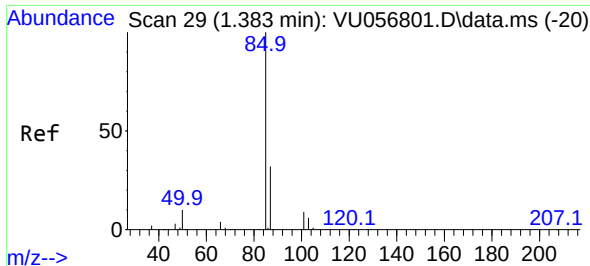
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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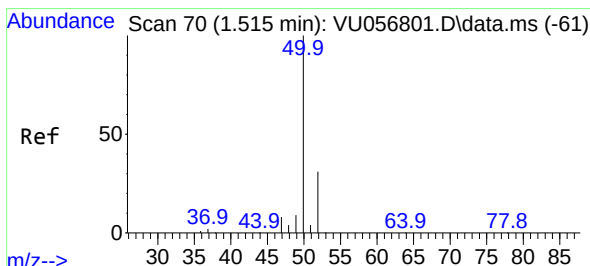
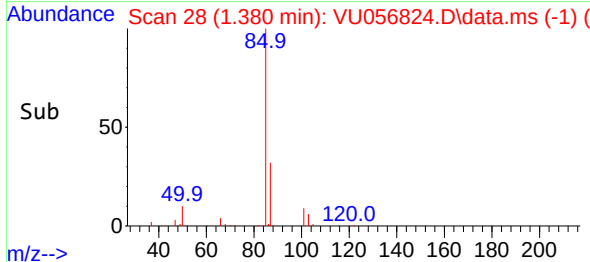
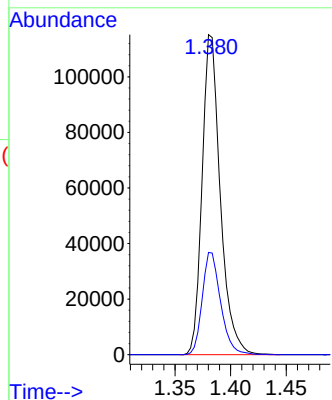
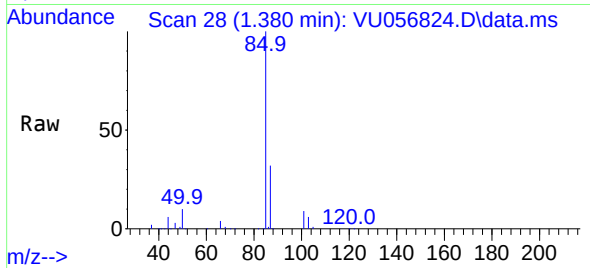




#2
Dichlorodifluoromethane
Concen: 4.709 ug/L
RT: 1.380 min Scan# 29
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

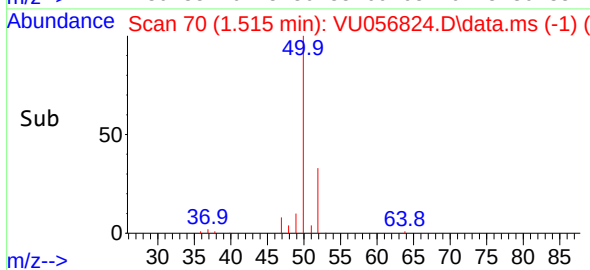
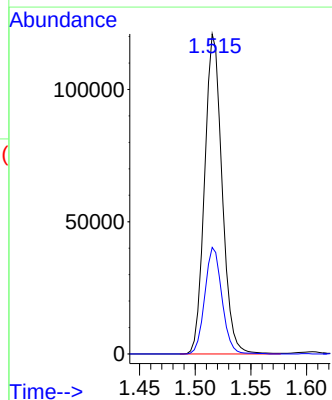
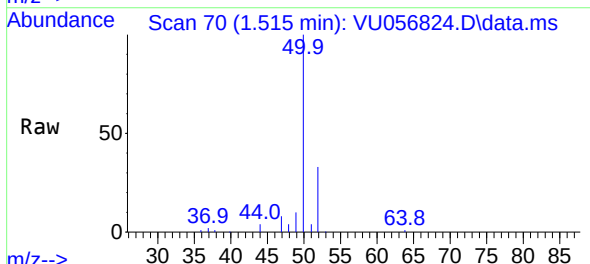
Instrument :
MSVOA_U
ClientSampleId :
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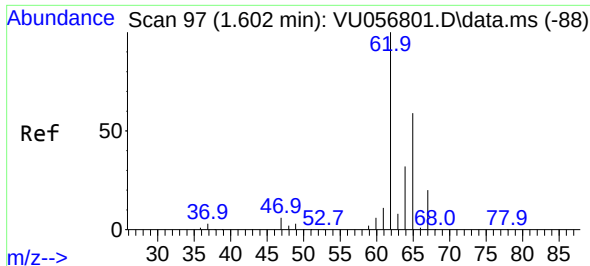
Tgt Ion: 85 Resp: 130716
Ion Ratio Lower Upper
85 100
87 32.3 26.8 40.2



#3
Chloromethane
Concen: 4.840 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 50 Resp: 132124
Ion Ratio Lower Upper
50 100
52 33.3 22.5 41.7

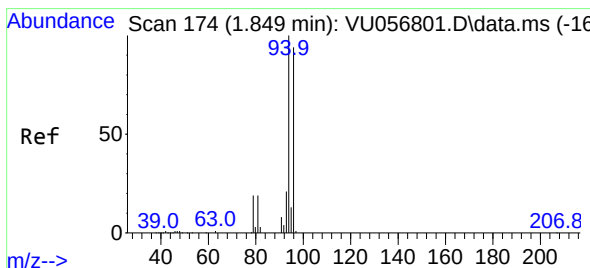
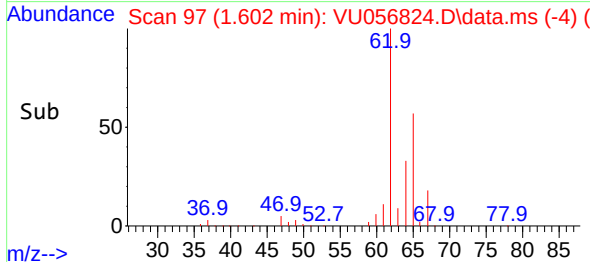
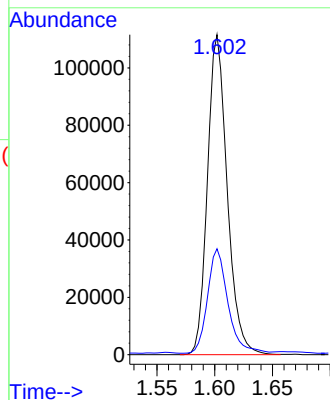
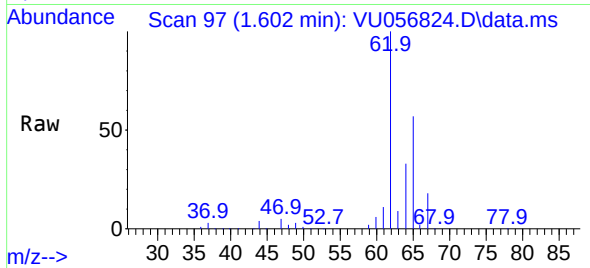




#5
Vinyl chloride
Concen: 4.910 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

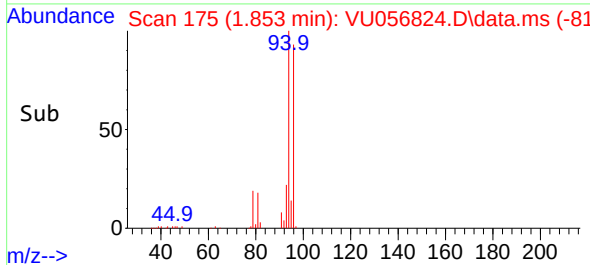
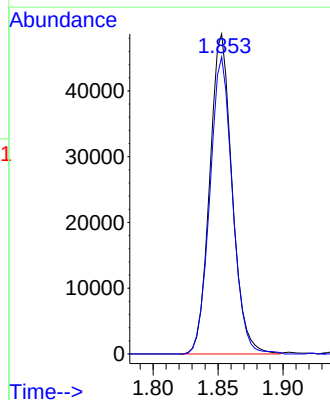
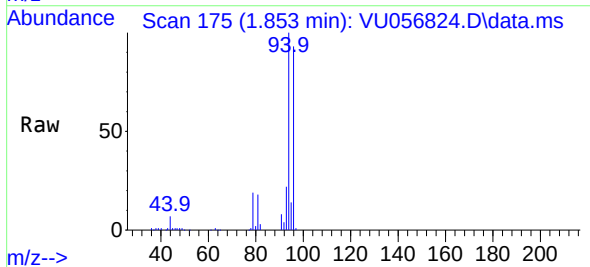
Instrument :
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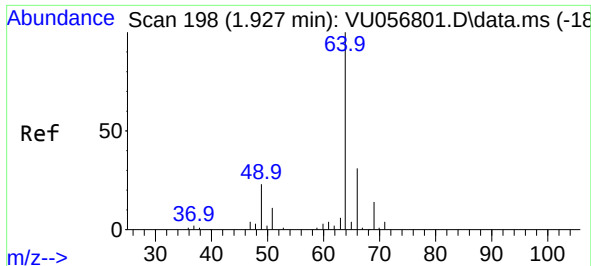
Tgt Ion: 62 Resp: 133099
Ion Ratio Lower Upper
62 100
64 33.1 22.8 42.4



#6
Bromomethane
Concen: 3.657 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 94 Resp: 58444
Ion Ratio Lower Upper
94 100
96 92.8 67.8 125.8

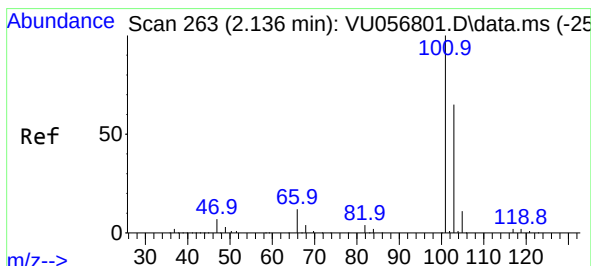
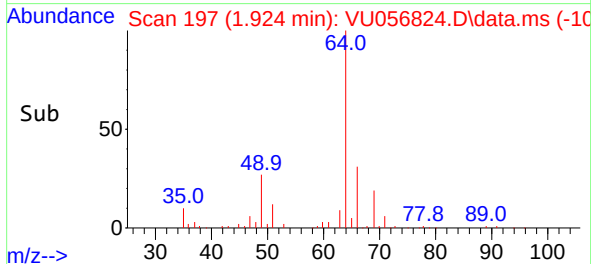
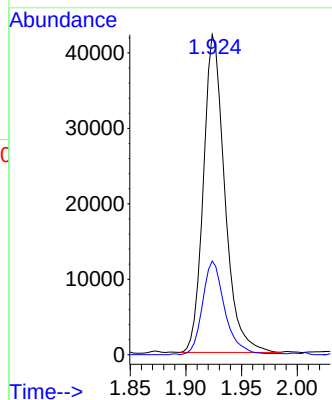
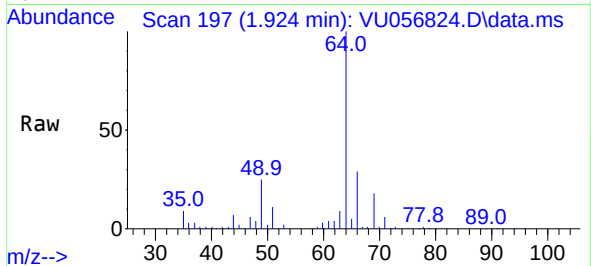




#8
Chloroethane
Concen: 3.552 ug/L
RT: 1.924 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

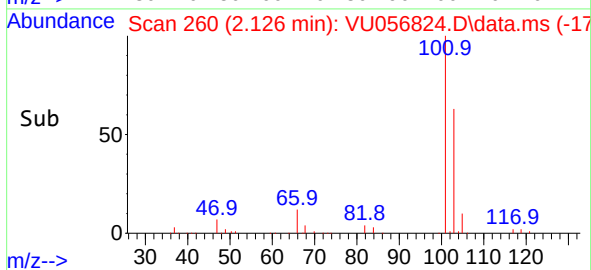
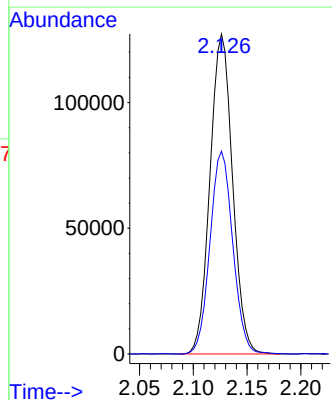
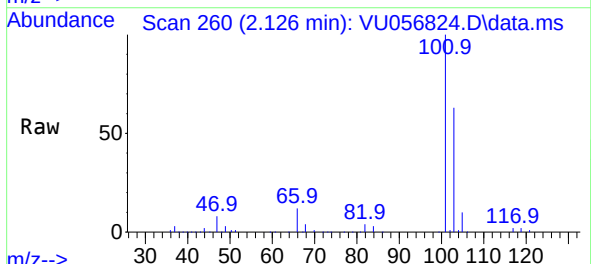
Instrument :
MSVOA_U
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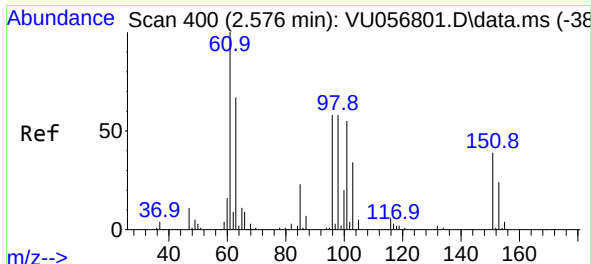
Tgt Ion: 64 Resp: 56400
Ion Ratio Lower Upper
64 100
66 29.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.864 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.010 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion:101 Resp: 185817
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

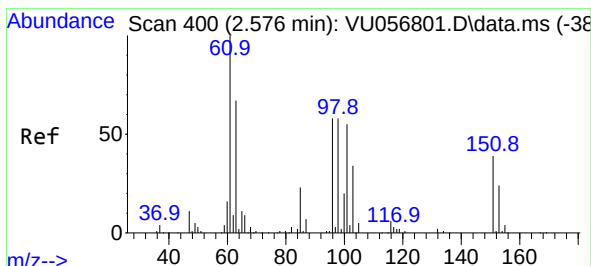
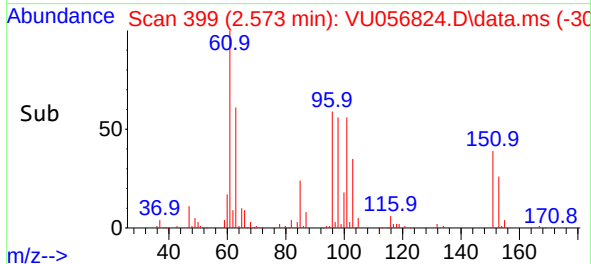
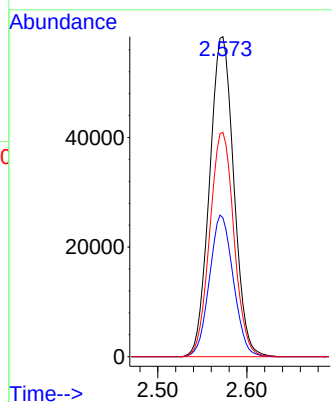
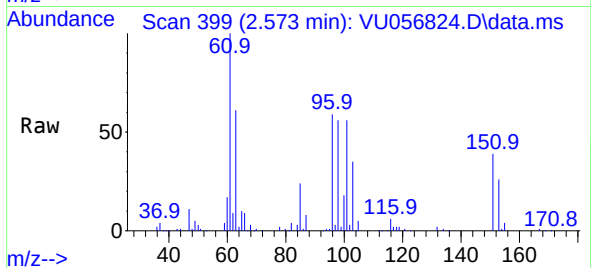




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.713 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

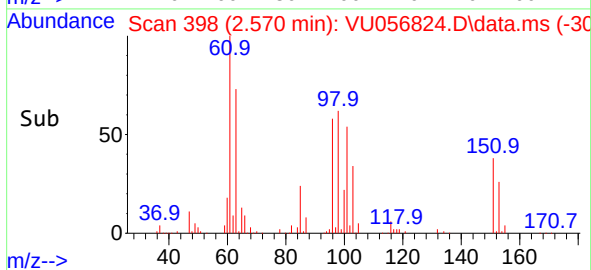
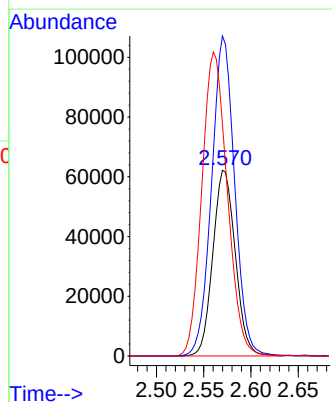
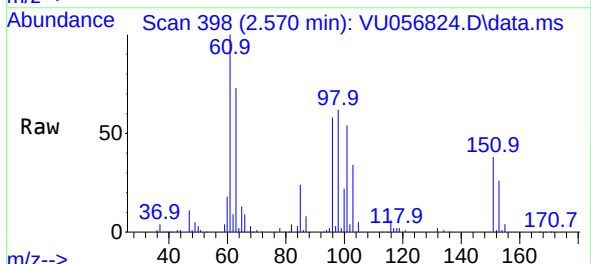
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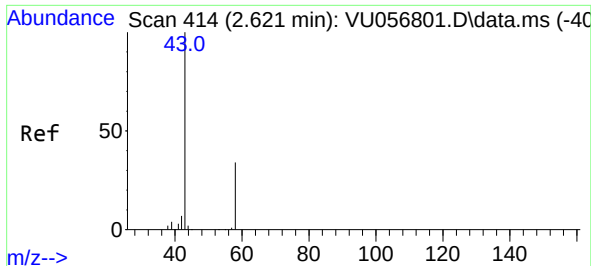
Tgt Ion:101 Resp: 110428
Ion Ratio Lower Upper
101 100
85 43.5 35.2 52.8
151 70.0 56.0 84.0



#12
1,1-Dichloroethene
Concen: 4.768 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 96 Resp: 102557
Ion Ratio Lower Upper
96 100
61 172.2 119.0 221.0
63 125.1 88.7 164.7

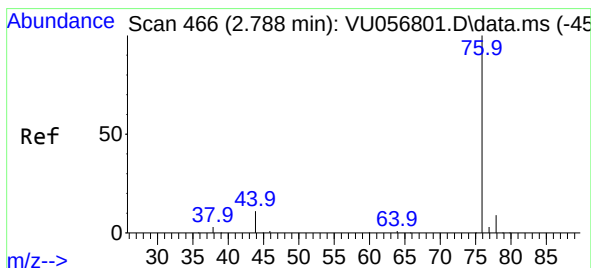
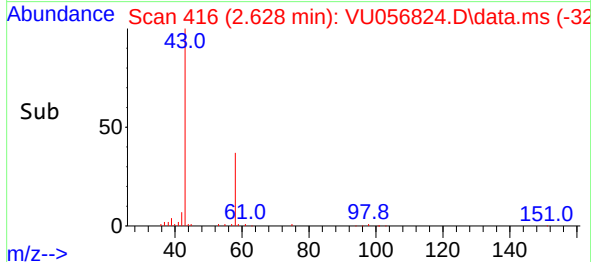
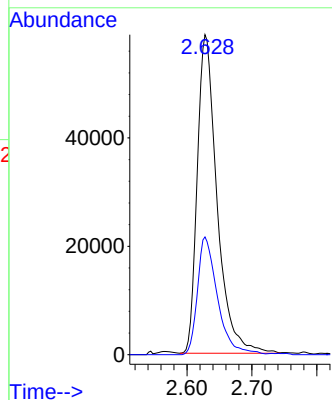
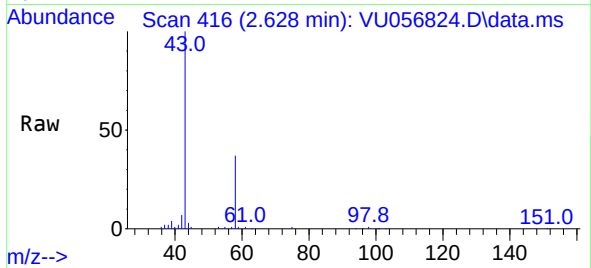




#13
Acetone
Concen: 45.628 ug/L
RT: 2.628 min Scan# 414
Delta R.T. 0.006 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

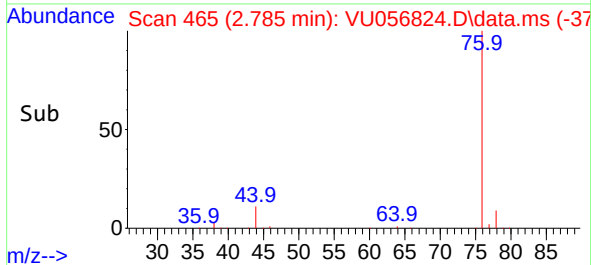
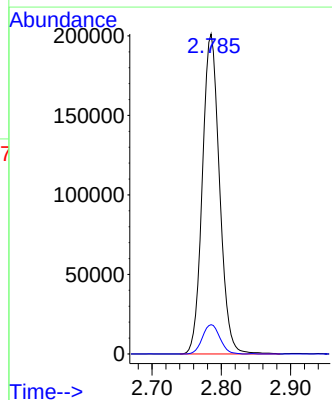
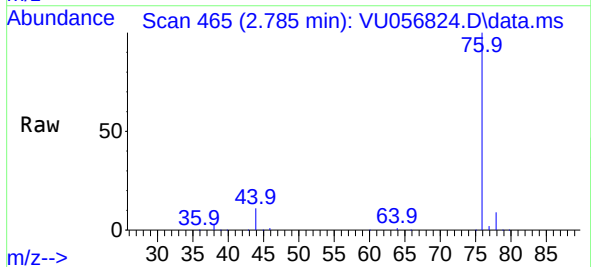
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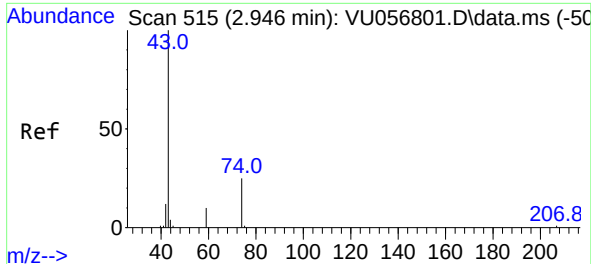
Tgt Ion: 43 Resp: 124701
Ion Ratio Lower Upper
43 100
58 37.5 0.0 72.6



#14
Carbon disulfide
Concen: 4.628 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 76 Resp: 345374
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

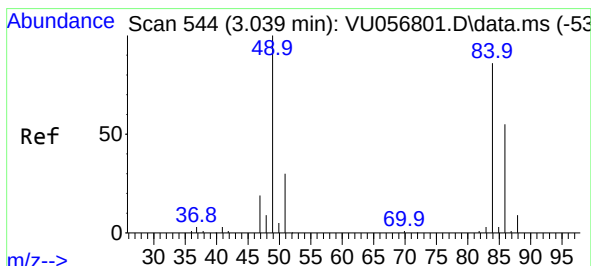
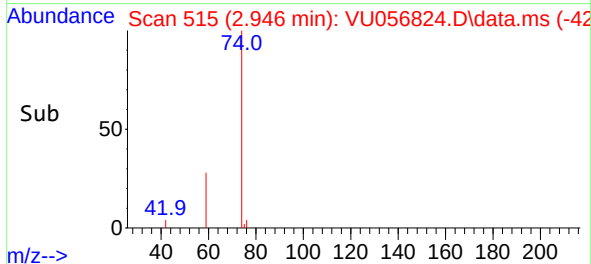
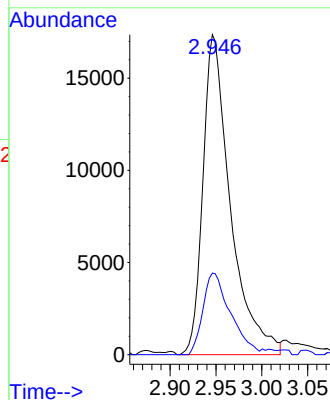
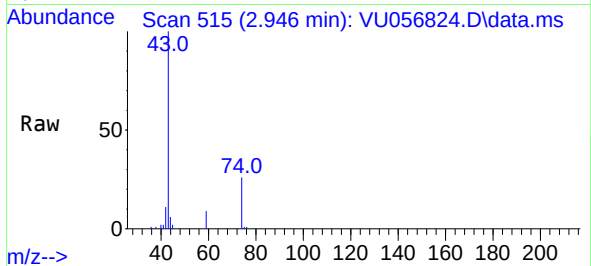




#15
Methyl Acetate
Concen: 4.863 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

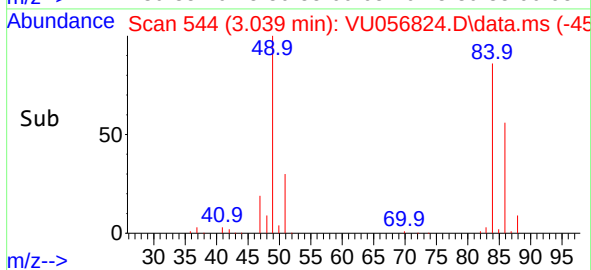
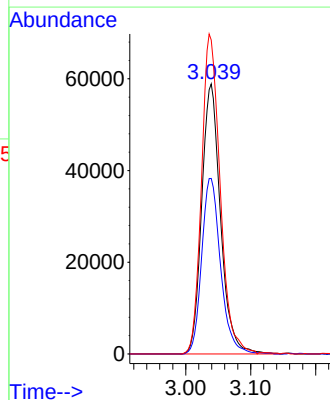
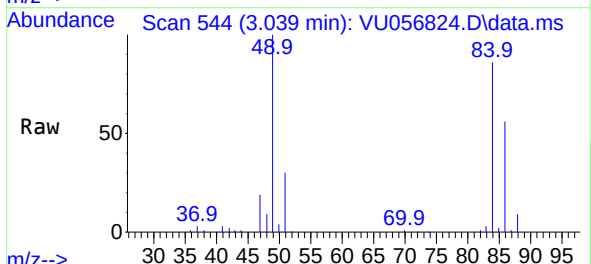
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

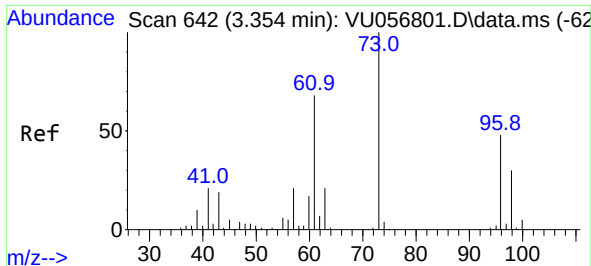
Tgt Ion: 43 Resp: 36178
Ion Ratio Lower Upper
43 100
74 25.4 21.0 31.6



#16
Methylene chloride
Concen: 5.059 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 84 Resp: 118543
Ion Ratio Lower Upper
84 100
86 65.0 43.6 81.0
49 116.2 80.6 149.6

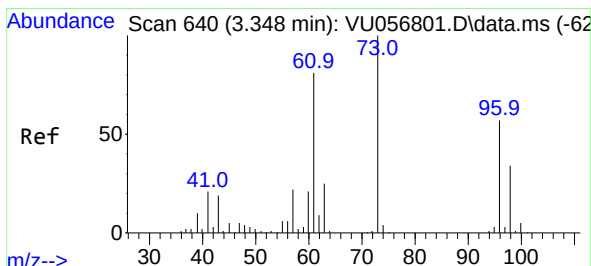
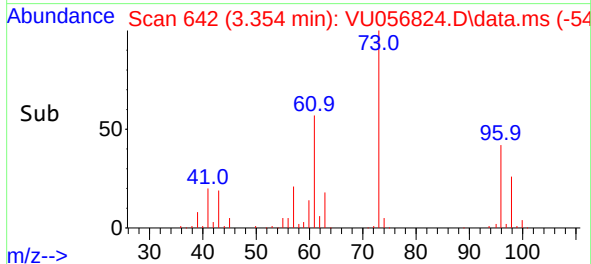
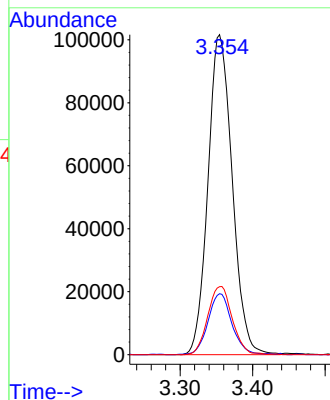
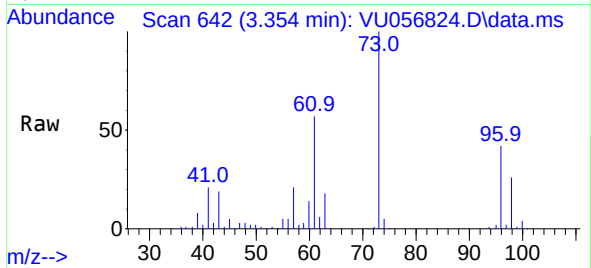




#17
Methyl tert-butyl Ether
Concen: 4.955 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

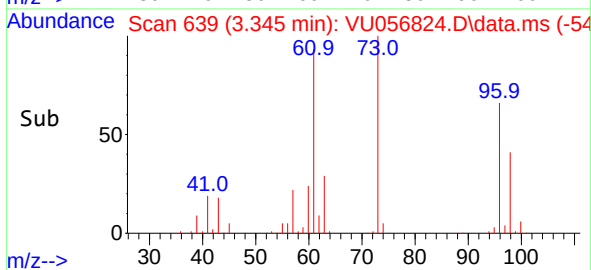
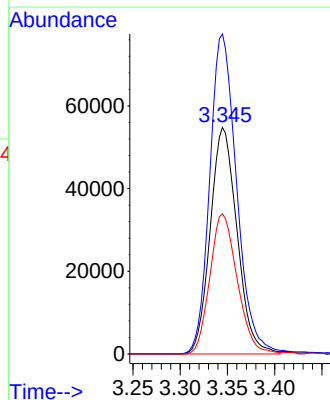
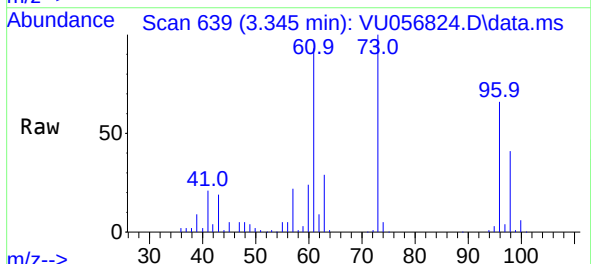
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

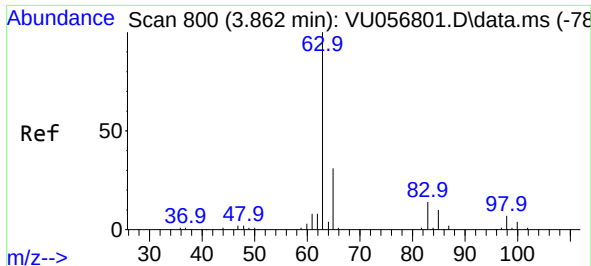
Tgt Ion: 73 Resp: 236320
Ion Ratio Lower Upper
73 100
43 18.7 14.4 21.6
57 21.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.959 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 96 Resp: 108138
Ion Ratio Lower Upper
96 100
61 141.2 101.8 189.0
98 61.9 43.0 79.8





#19

1,1-Dichloroethane

Concen: 4.833 ug/L

RT: 3.859 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU056824.D

Acq: 13 Dec 2023 08:45

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

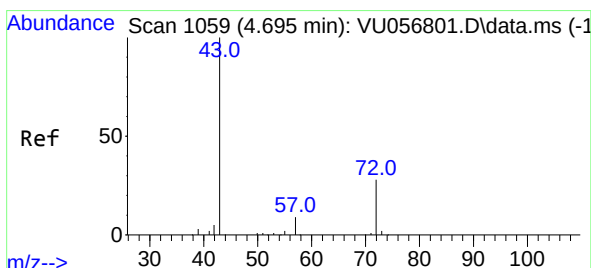
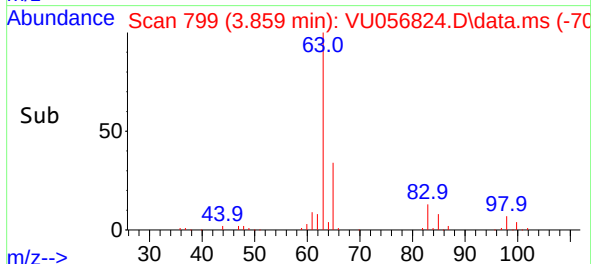
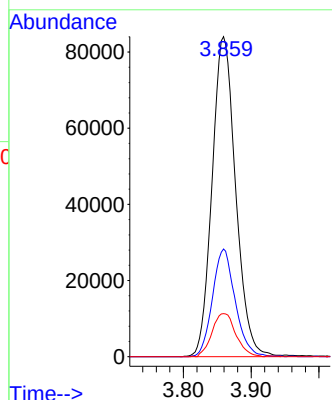
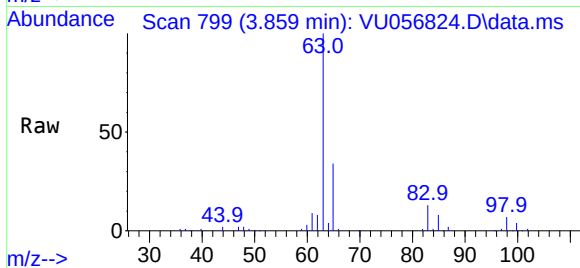
Tgt Ion: 63 Resp: 202733

Ion Ratio Lower Upper

63 100

65 33.7 22.9 42.5

83 13.4 10.1 18.9



#21

2-Butanone

Concen: 45.946 ug/L

RT: 4.702 min Scan# 1061

Delta R.T. 0.007 min

Lab File: VU056824.D

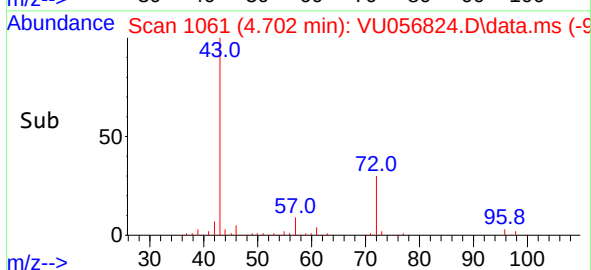
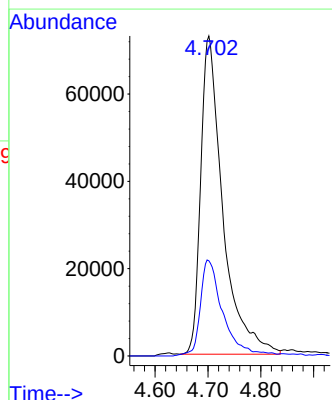
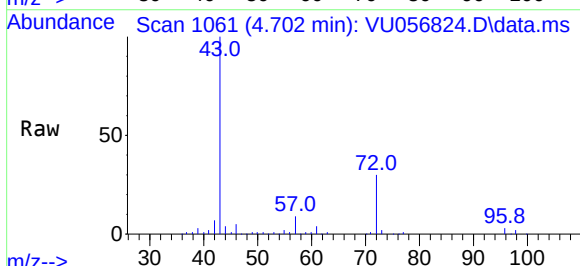
Acq: 13 Dec 2023 08:45

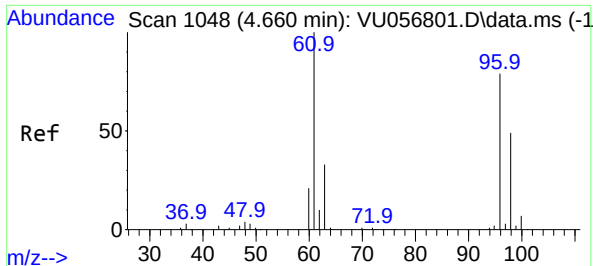
Tgt Ion: 43 Resp: 211756

Ion Ratio Lower Upper

43 100

72 30.5 14.6 43.8



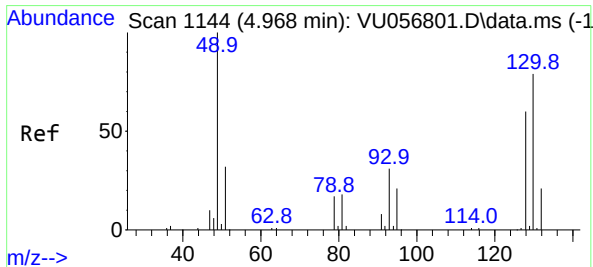
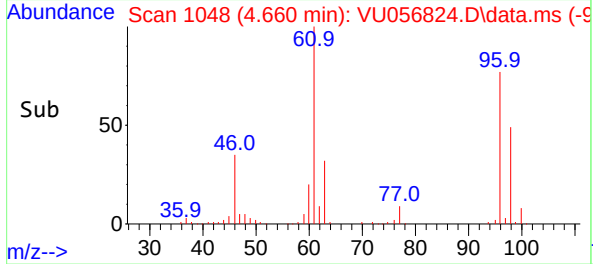
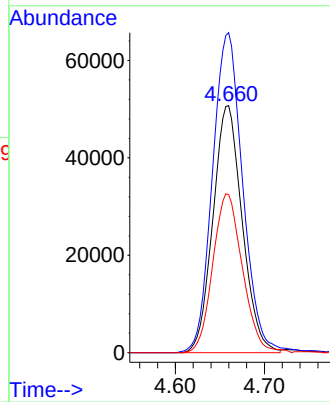
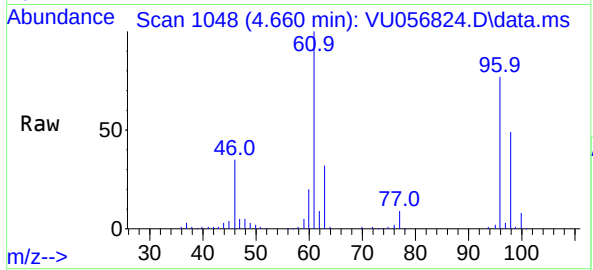


#22
 cis-1,2-Dichloroethene
 Concen: 4.877 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056824.D
 Acq: 13 Dec 2023 08:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Tgt Ion: 96 Resp: 115708

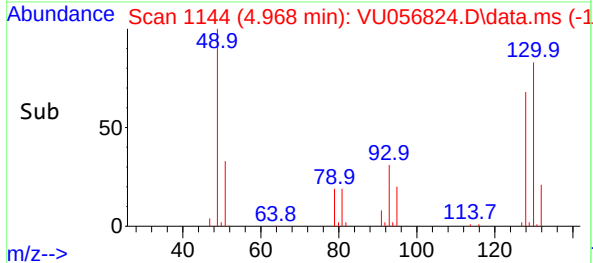
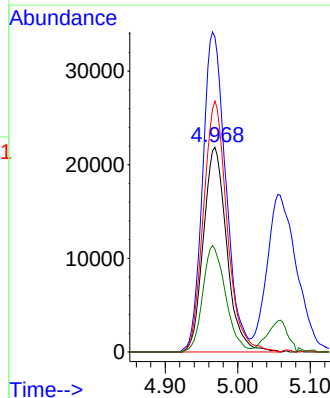
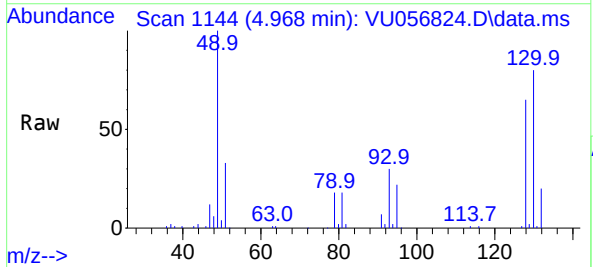
Ion	Ratio	Lower	Upper
96	100		
61	129.5	91.3	169.6
98	63.9	44.2	82.0

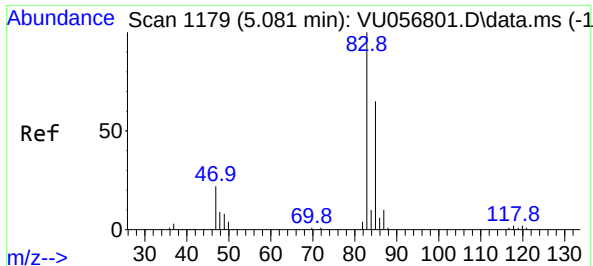


#23
 Bromochloromethane
 Concen: 4.925 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056824.D
 Acq: 13 Dec 2023 08:45

Tgt Ion: 128 Resp: 48913

Ion	Ratio	Lower	Upper
128	100		
49	153.9	113.8	211.3
130	122.5	90.6	168.3
51	50.2	43.7	65.5

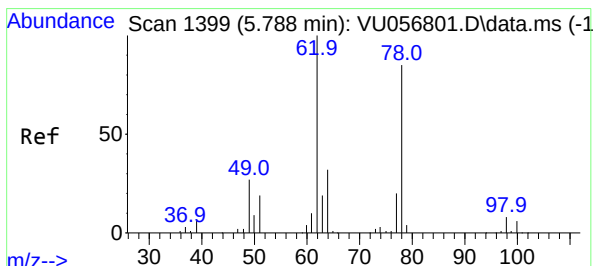
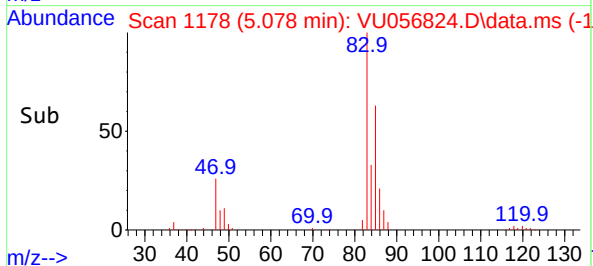
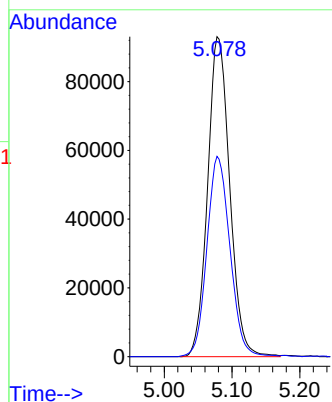
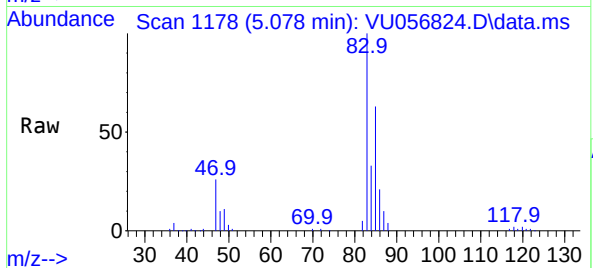




#25
Chloroform
Concen: 4.798 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

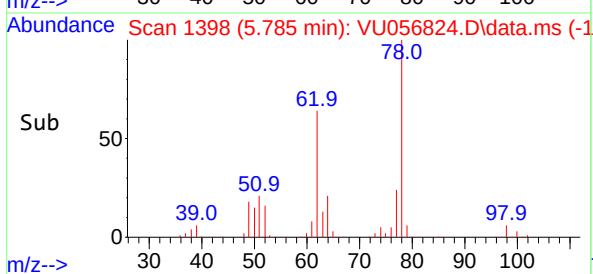
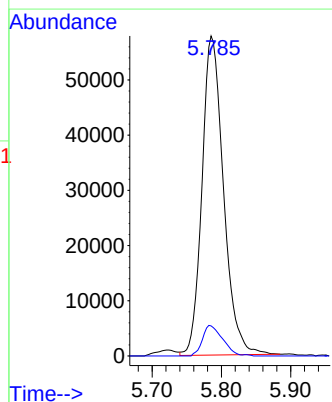
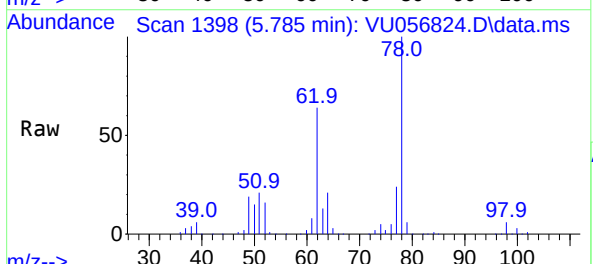
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

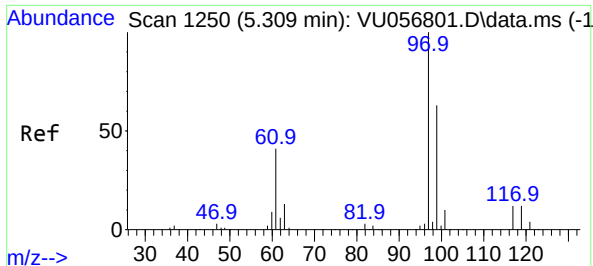
Tgt Ion: 83 Resp: 210848
Ion Ratio Lower Upper
83 100
85 62.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 4.806 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 62 Resp: 124896
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6

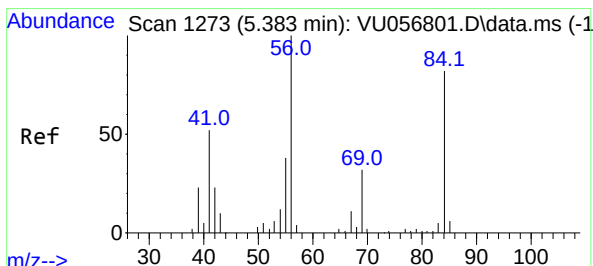
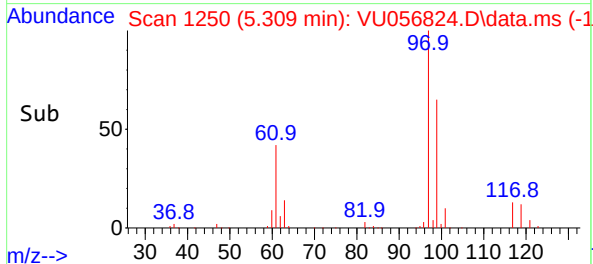
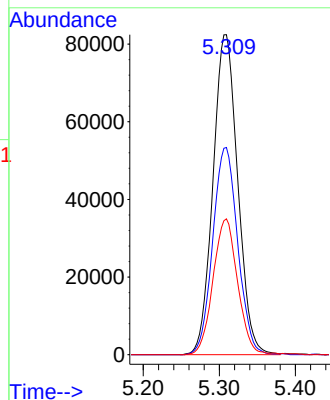
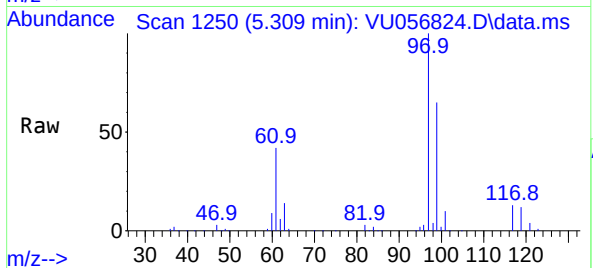




#29
1,1,1-Trichloroethane
Concen: 4.951 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

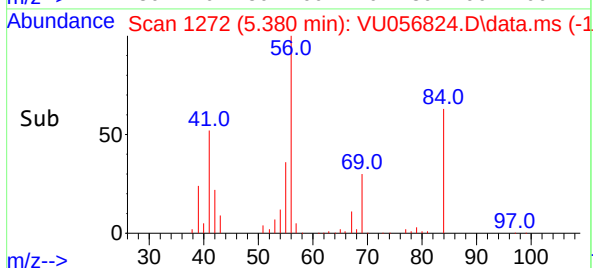
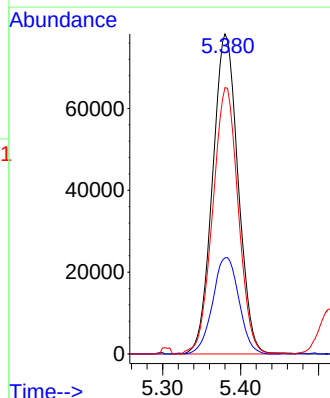
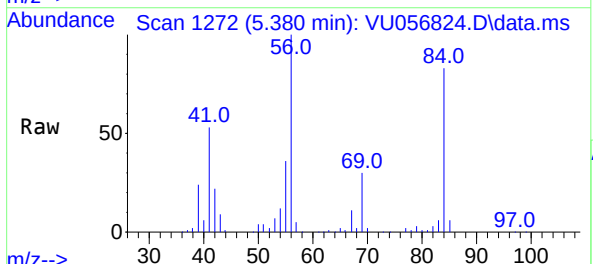
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

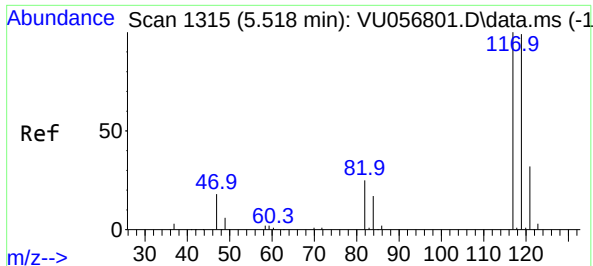
Tgt Ion: 97 Resp: 186756
Ion Ratio Lower Upper
97 100
99 65.2 52.5 78.7
61 42.0 34.2 51.2



#30
Cyclohexane
Concen: 5.021 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 56 Resp: 177747
Ion Ratio Lower Upper
56 100
69 31.1 24.9 37.3
84 83.3 67.6 101.4

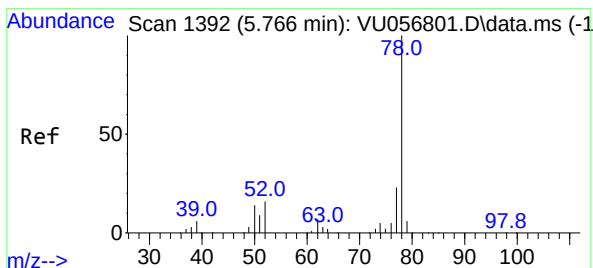
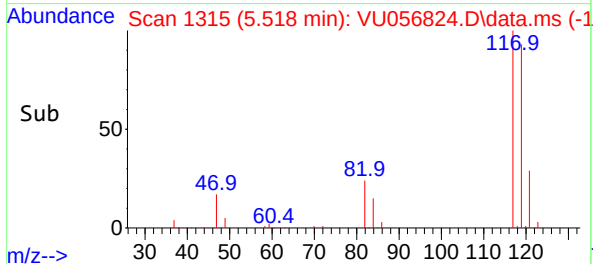
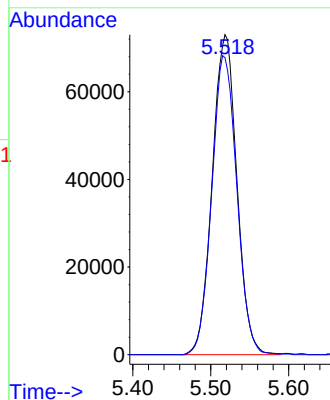
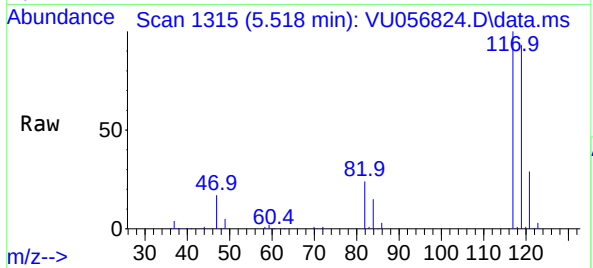




#31
Carbon tetrachloride
Concen: 4.896 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

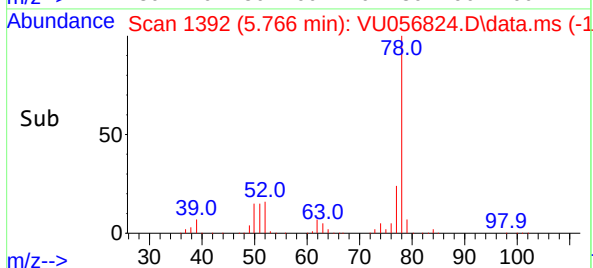
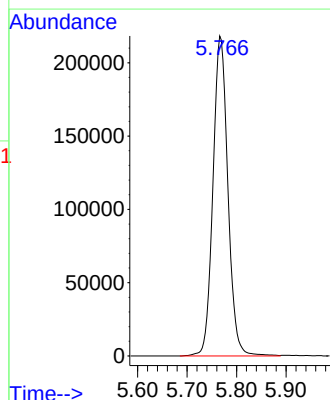
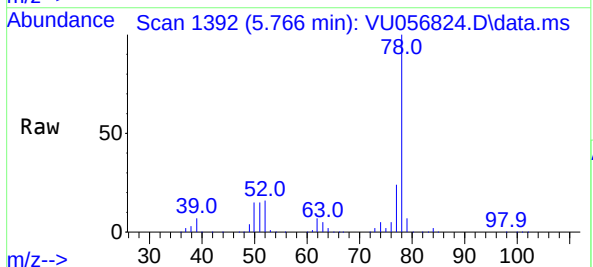
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

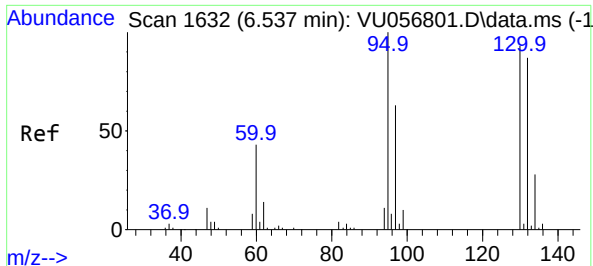
Tgt Ion:117 Resp: 160509
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.4



#33
Benzene
Concen: 4.982 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 78 Resp: 456858

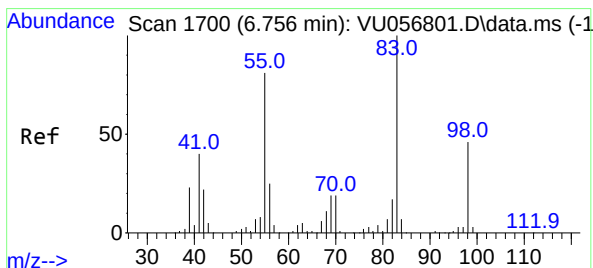
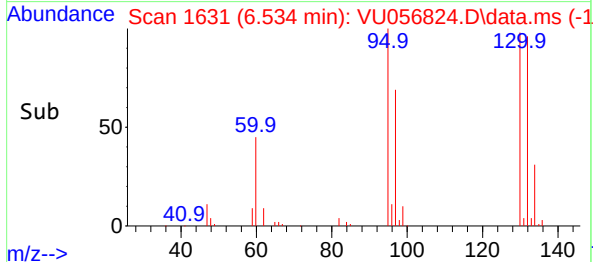
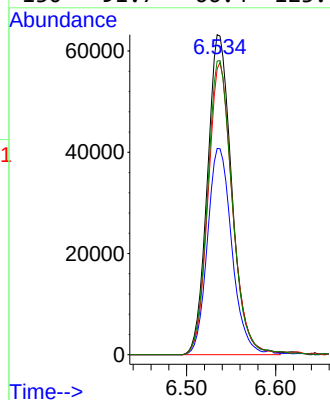
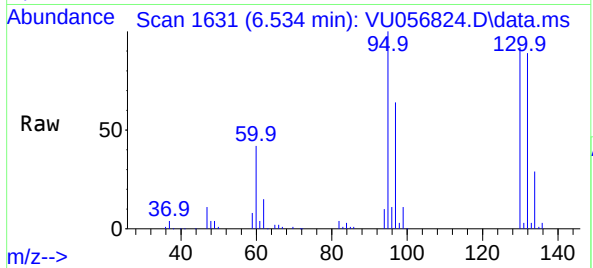




#34
Trichloroethene
Concen: 4.789 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

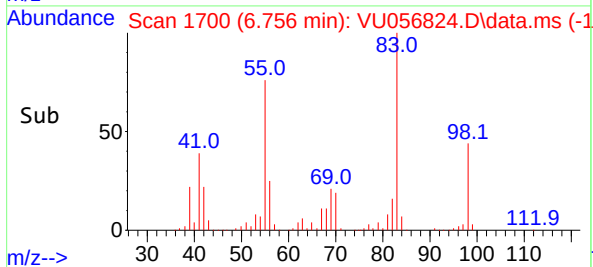
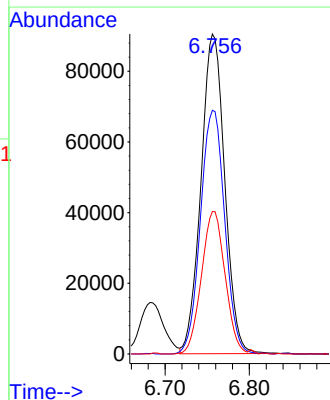
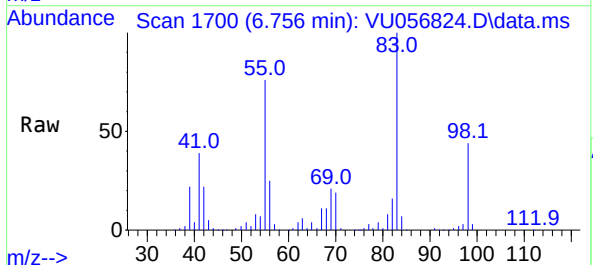
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

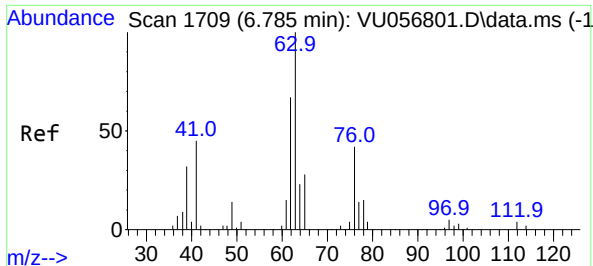
Tgt Ion: 95 Resp: 120461
Ion Ratio Lower Upper
95 100
97 64.5 46.1 85.5
132 89.3 63.6 118.0
130 91.7 66.4 123.4



#35
Methylcyclohexane
Concen: 4.785 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 83 Resp: 177620
Ion Ratio Lower Upper
83 100
55 77.7 64.6 97.0
98 44.2 36.1 54.1

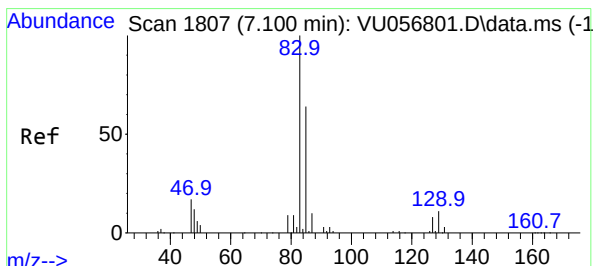
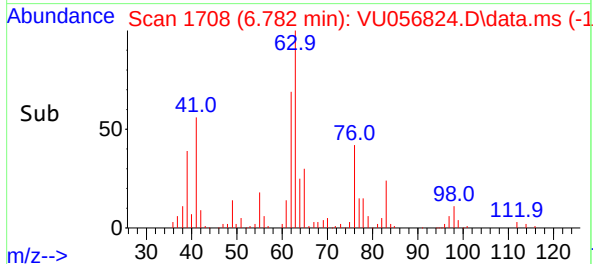
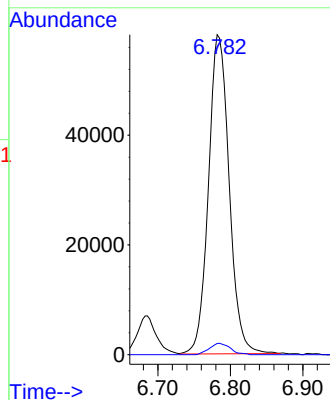
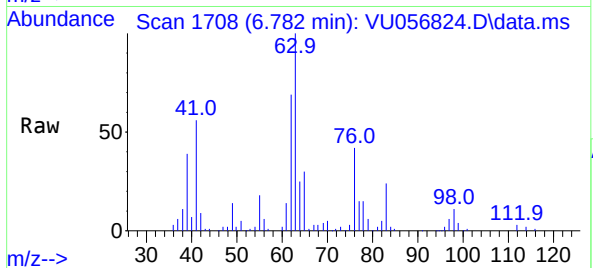




#37
1,2-Dichloropropane
Concen: 4.926 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

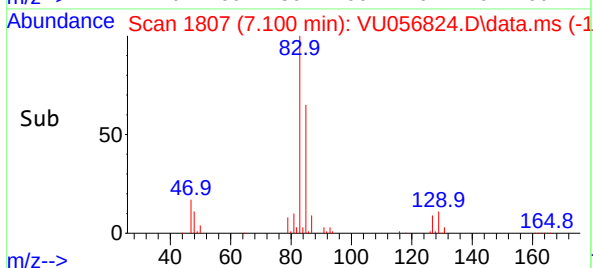
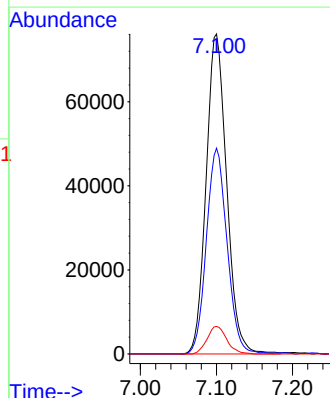
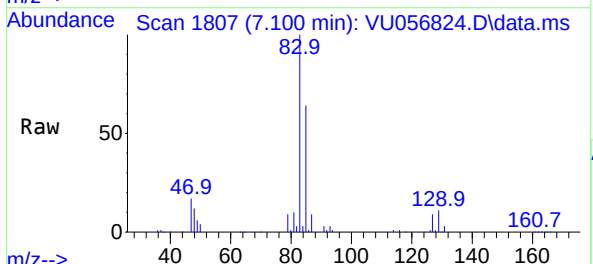
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

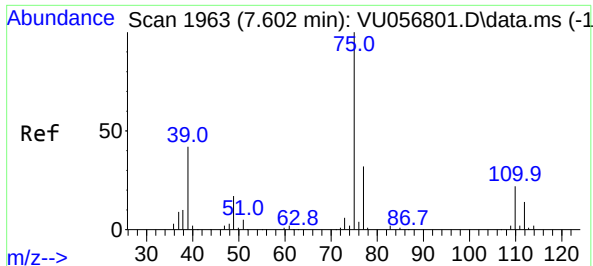
Tgt Ion: 63 Resp: 115545
Ion Ratio Lower Upper
63 100
112 3.6 3.3 4.9



#38
Bromodichloromethane
Concen: 4.780 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 83 Resp: 142978
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
127 8.6 7.0 10.4

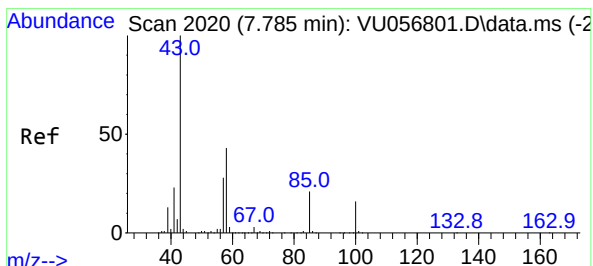
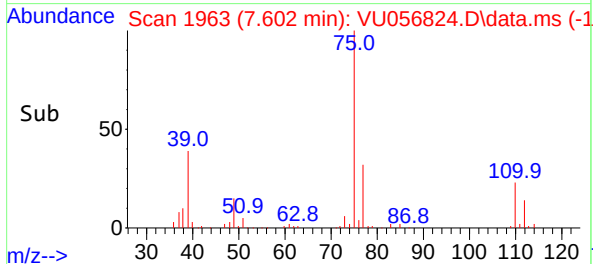
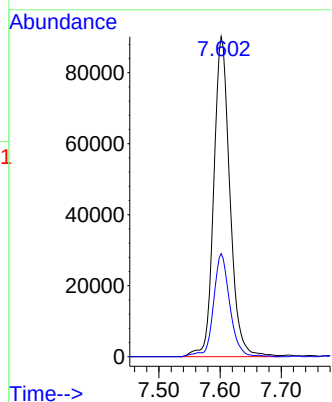
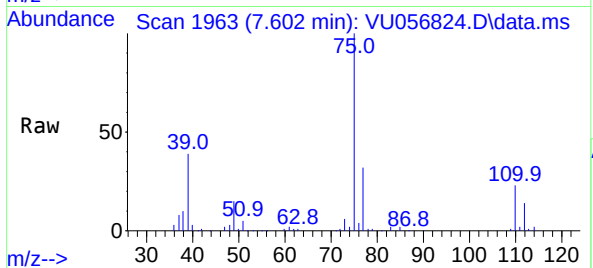




#39
 cis-1,3-Dichloropropene
 Concen: 4.843 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU056824.D
 Acq: 13 Dec 2023 08:45

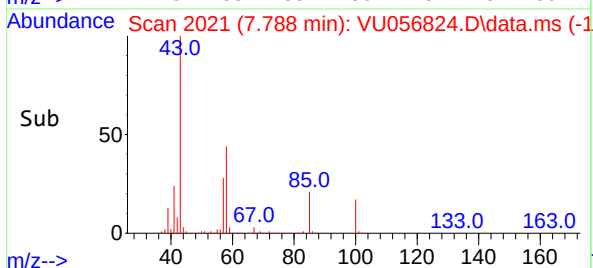
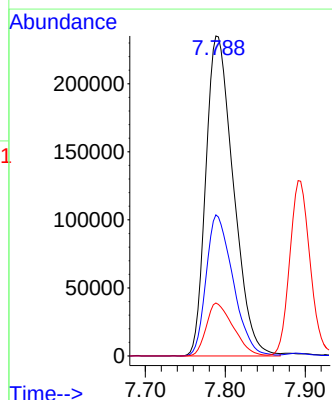
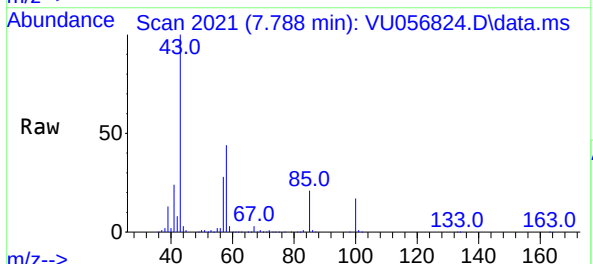
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

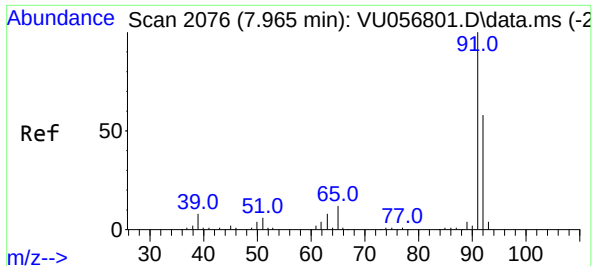
Tgt Ion: 75 Resp: 165561
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 50.583 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU056824.D
 Acq: 13 Dec 2023 08:45

Tgt Ion: 43 Resp: 563436
 Ion Ratio Lower Upper
 43 100
 58 43.0 33.7 50.5
 100 16.1 13.0 19.4

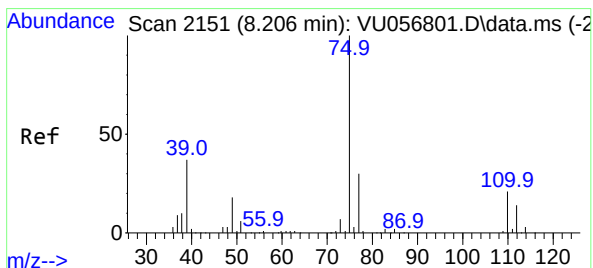
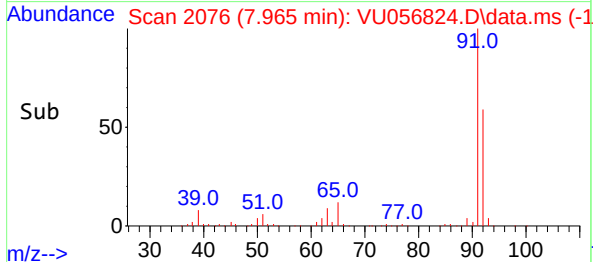
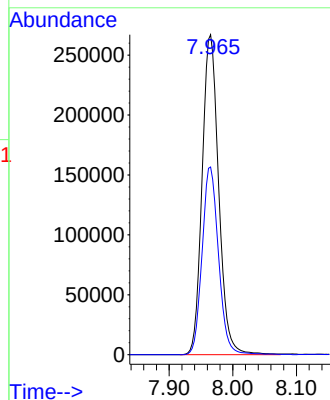
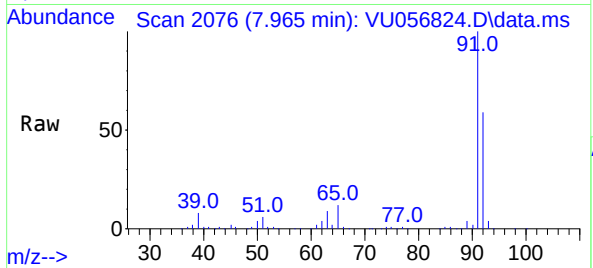




#42
Toluene
Concen: 5.088 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

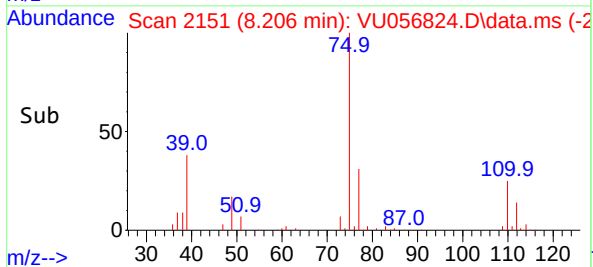
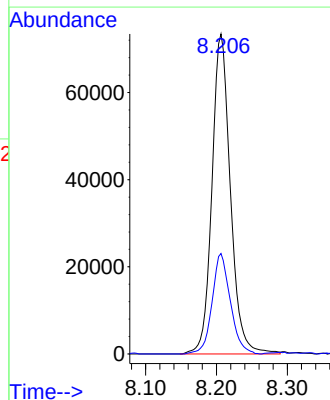
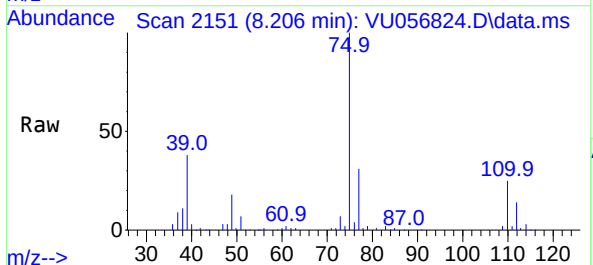
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

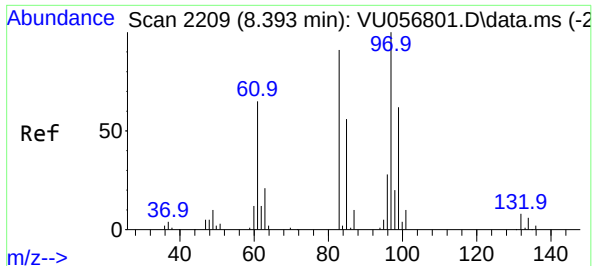
Tgt Ion: 91 Resp: 482773
Ion Ratio Lower Upper
91 100
92 58.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.747 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 75 Resp: 133004
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.4



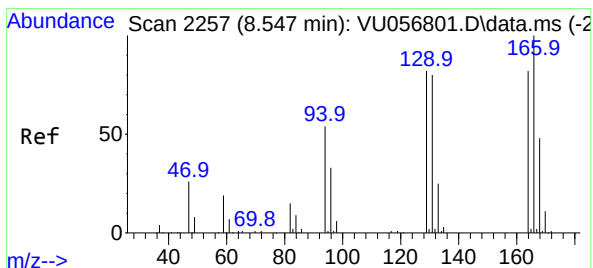
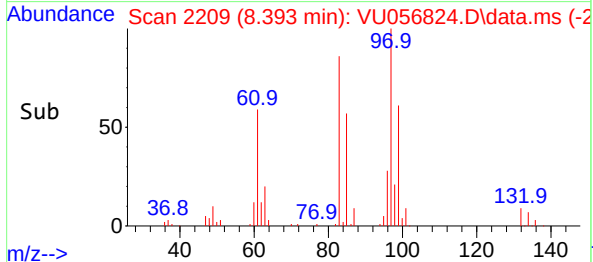
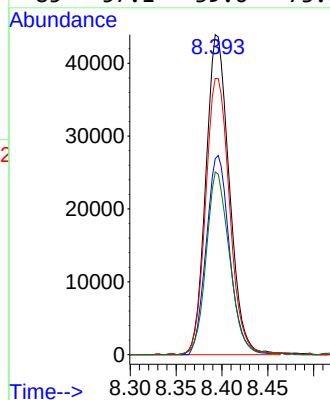
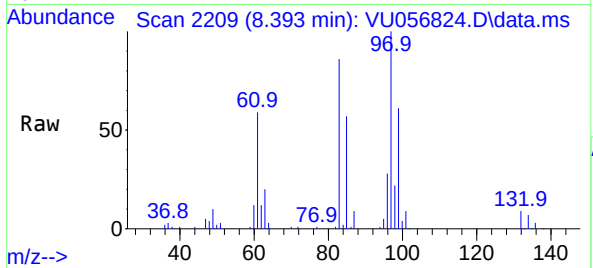


#45
1,1,2-Trichloroethane
Concen: 4.932 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Tgt Ion: 97 Resp: 78215

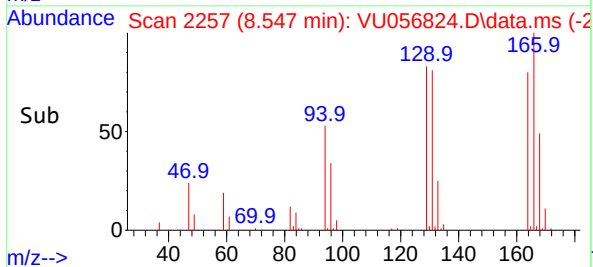
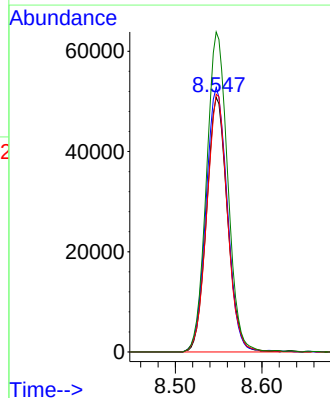
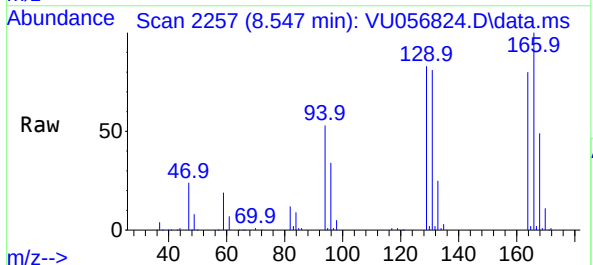
Ion	Ratio	Lower	Upper
97	100		
99	61.3	41.9	77.9
83	86.3	59.1	109.7
85	57.1	39.6	73.6

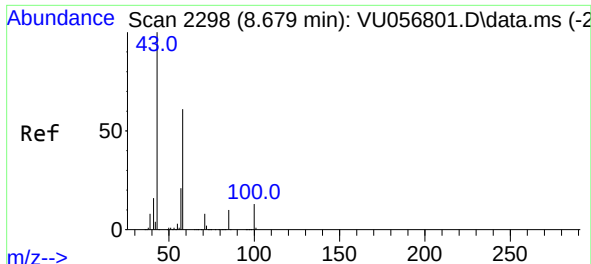


#47
Tetrachloroethene
Concen: 4.835 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 164 Resp: 85119

Ion	Ratio	Lower	Upper
164	100		
129	103.9	73.4	136.4
131	101.3	71.5	132.9
166	125.7	92.7	172.1

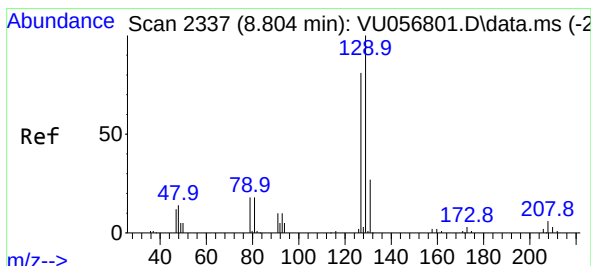
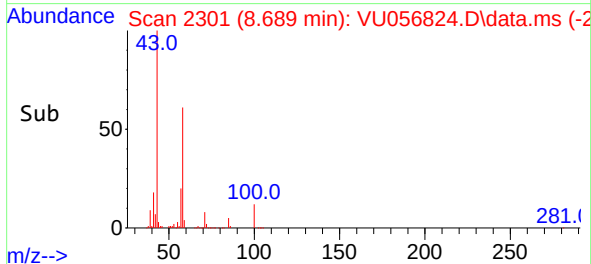
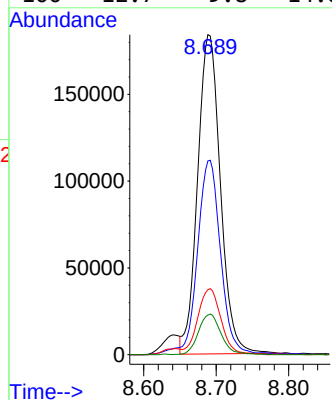
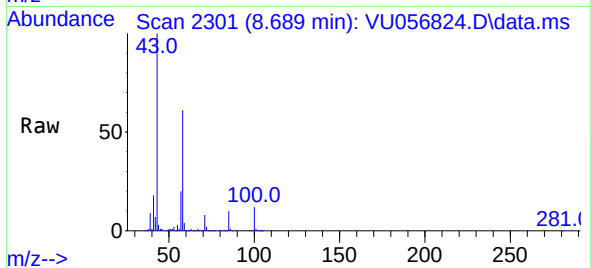




#48
2-Hexanone
Concen: 50.772 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

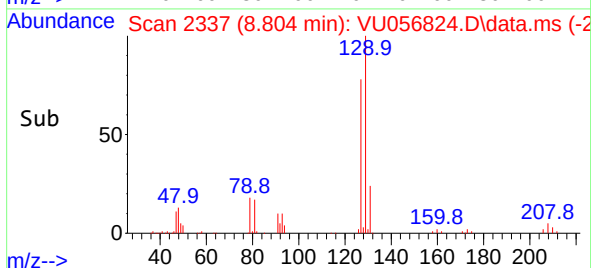
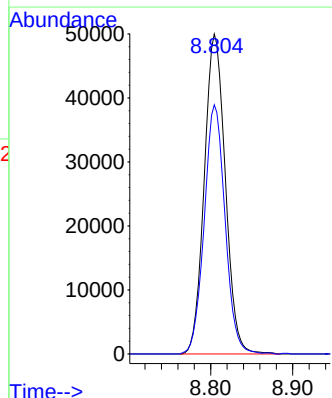
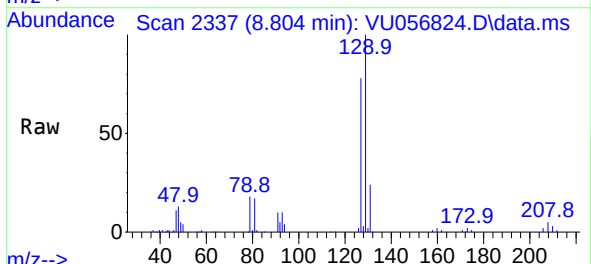
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

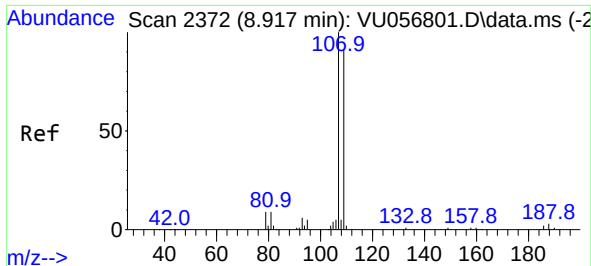
Tgt Ion: 43 Resp: 402793
Ion Ratio Lower Upper
43 100
58 61.8 47.5 71.3
57 21.2 17.0 25.4
100 12.7 9.8 14.8



#49
Dibromochloromethane
Concen: 4.880 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 129 Resp: 88966
Ion Ratio Lower Upper
129 100
127 77.9 53.9 100.1

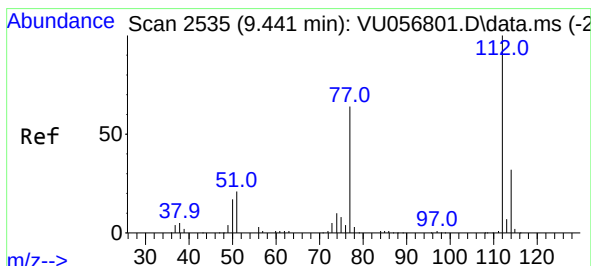
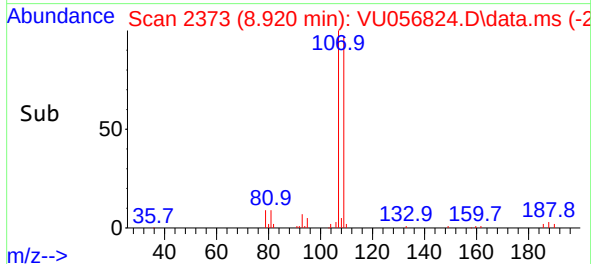
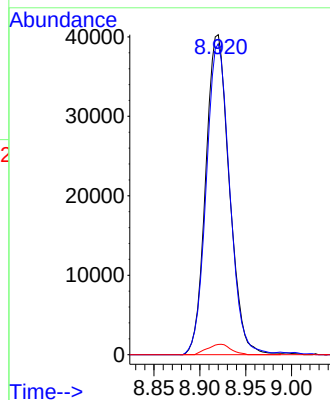
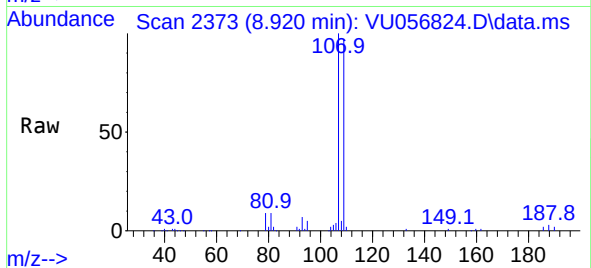




#50
1,2-Dibromoethane
Concen: 4.897 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

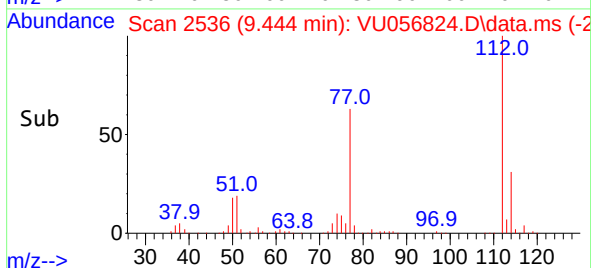
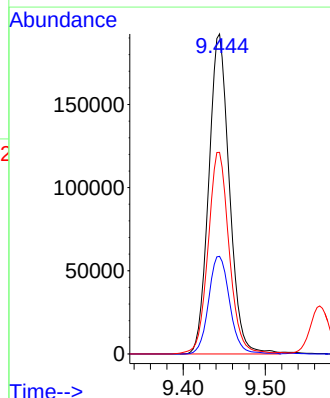
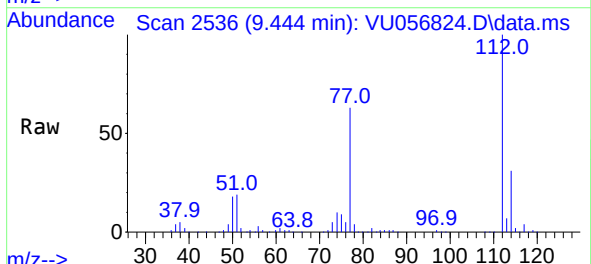
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

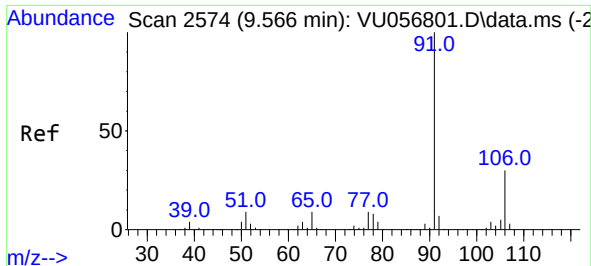
Tgt Ion:107 Resp: 72079
Ion Ratio Lower Upper
107 100
109 97.1 66.5 123.5
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 5.554 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion:112 Resp: 335866
Ion Ratio Lower Upper
112 100
114 30.5 21.9 40.7
77 63.0 51.6 77.4

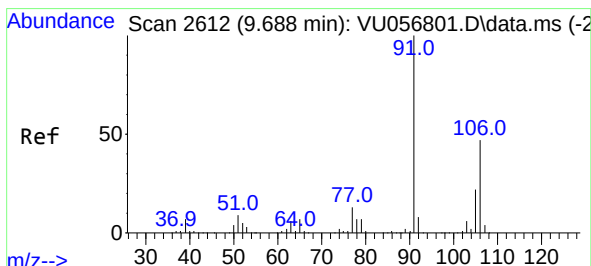
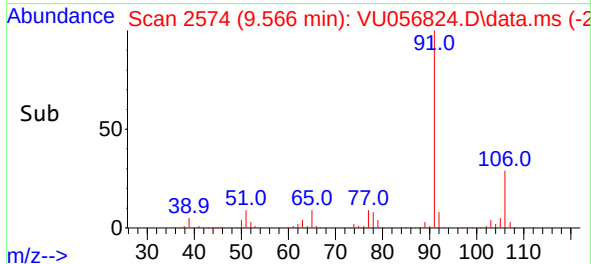
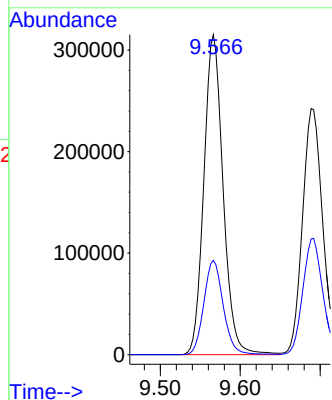
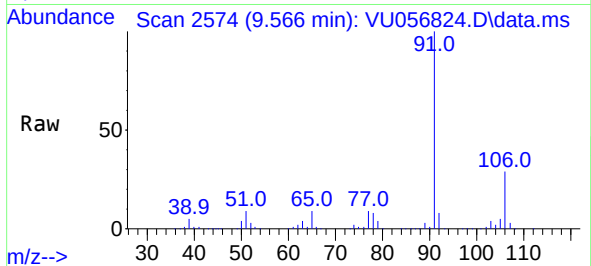




#52
Ethylbenzene
Concen: 5.045 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

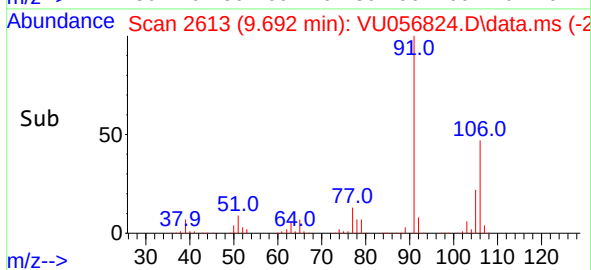
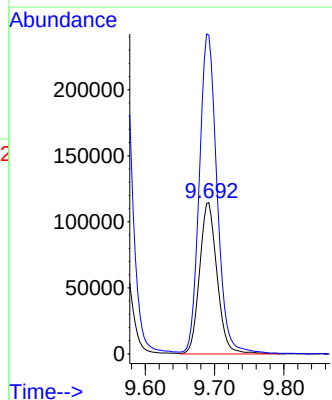
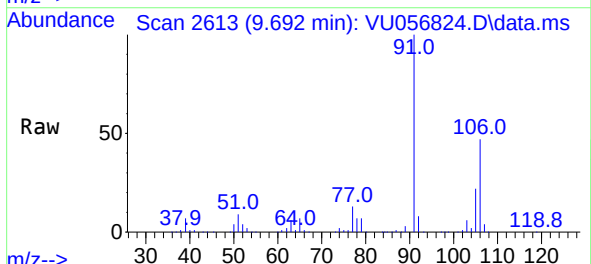
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

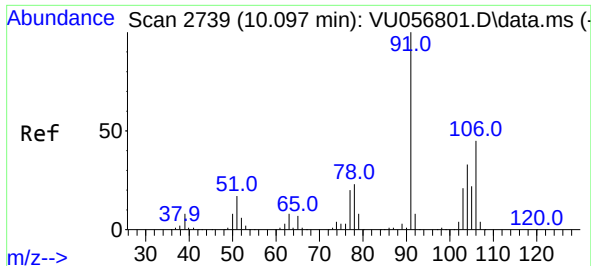
Tgt Ion: 91 Resp: 528007
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 5.165 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 106 Resp: 201420
Ion Ratio Lower Upper
106 100
91 210.7 154.0 286.0

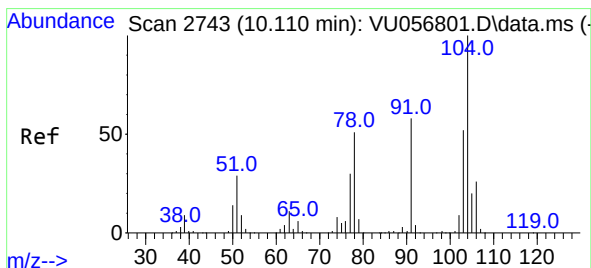
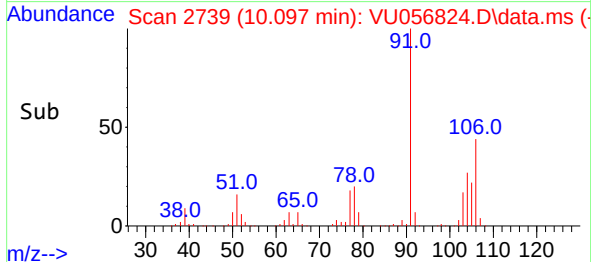
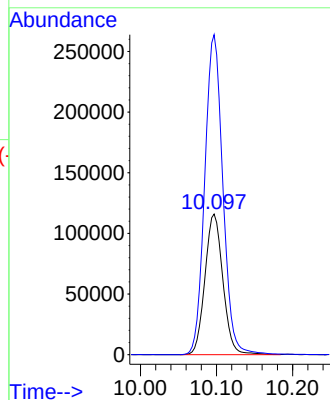
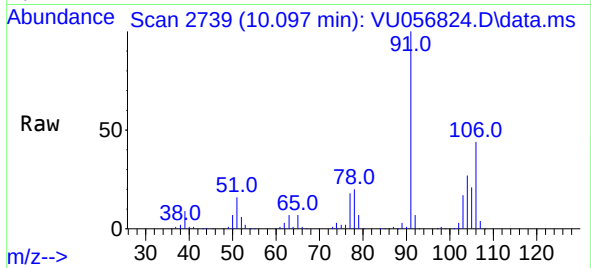




#54
o-Xylene
Concen: 5.118 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

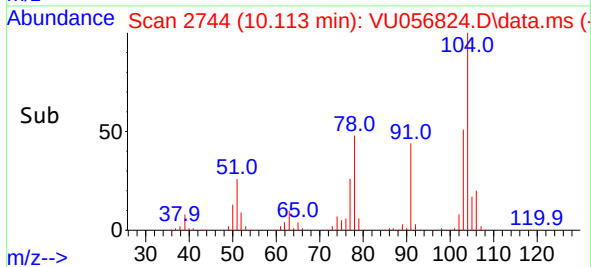
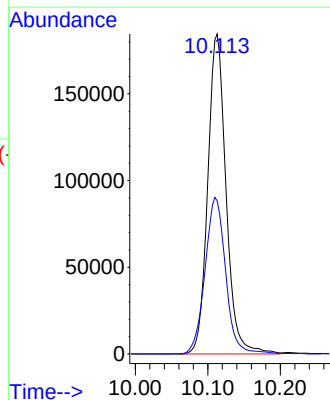
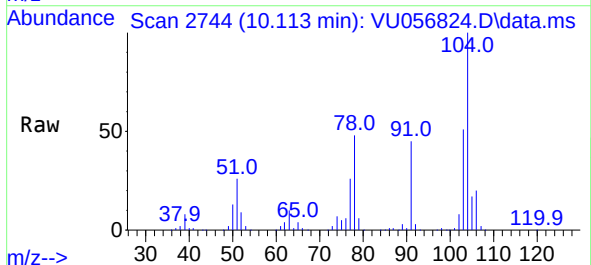
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

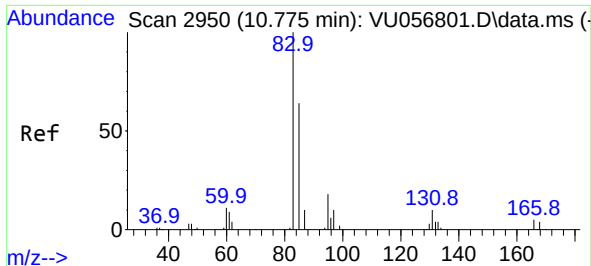
Tgt Ion:106 Resp: 190157
Ion Ratio Lower Upper
106 100
91 227.6 160.2 297.6



#55
Styrene
Concen: 5.319 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion:104 Resp: 324461
Ion Ratio Lower Upper
104 100
78 47.8 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.954 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU056824.D

Acq: 13 Dec 2023 08:45

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

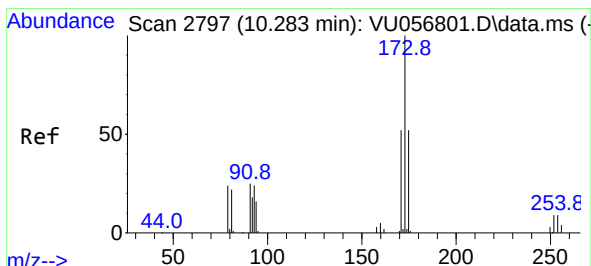
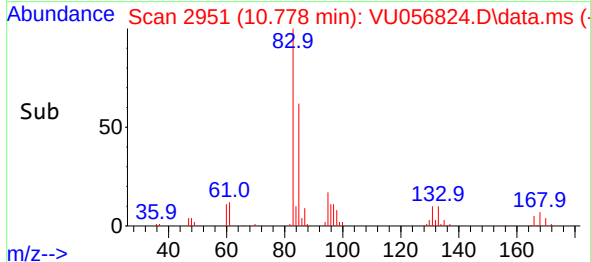
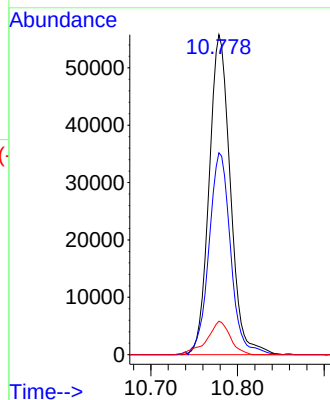
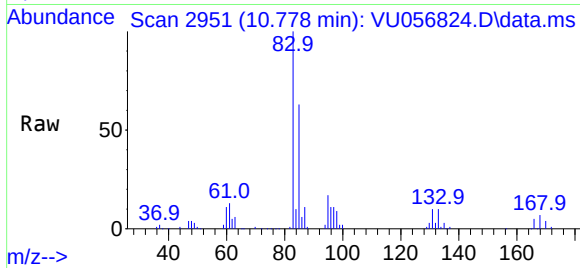
Tgt Ion: 83 Resp: 94908

Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4

131 10.4 6.6 9.8#



#59

Bromoform

Concen: 5.156 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.007 min

Lab File: VU056824.D

Acq: 13 Dec 2023 08:45

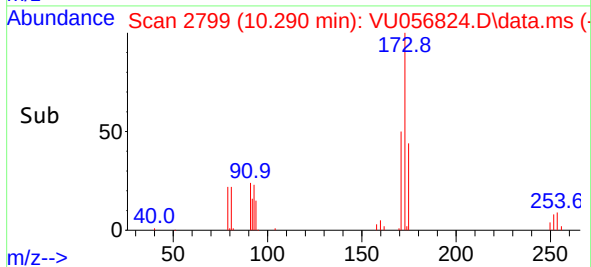
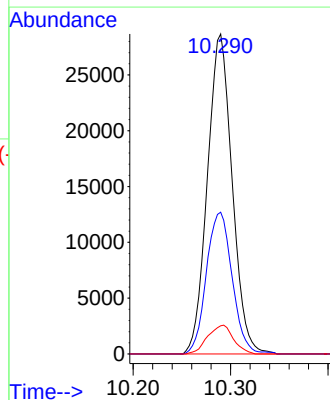
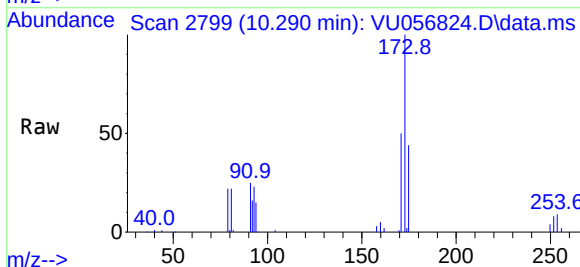
Tgt Ion:173 Resp: 50655

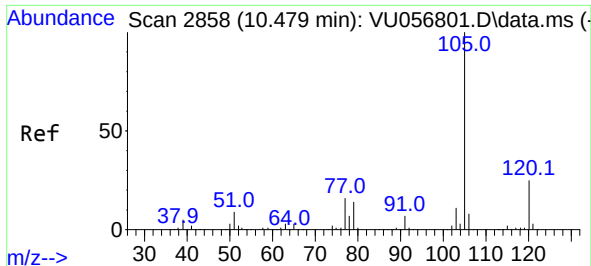
Ion Ratio Lower Upper

173 100

175 46.1 38.2 57.2

254 9.4 7.0 10.4

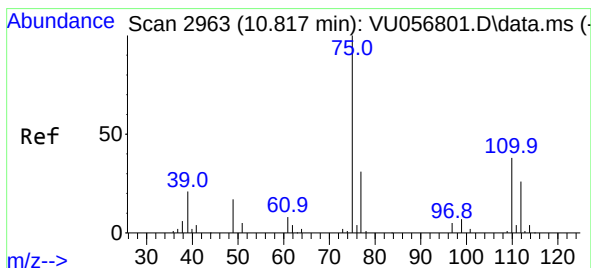
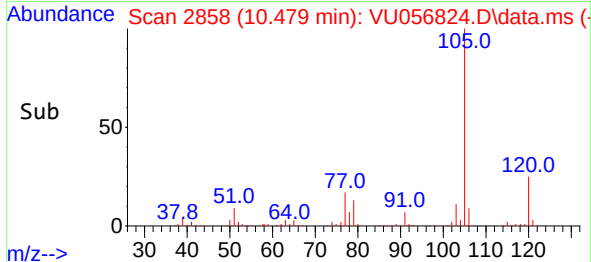
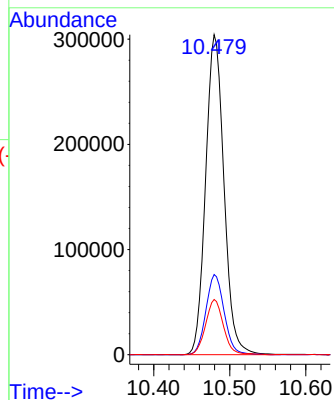
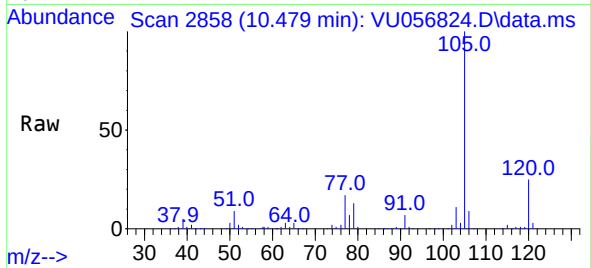




#60
Isopropylbenzene
Concen: 5.365 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

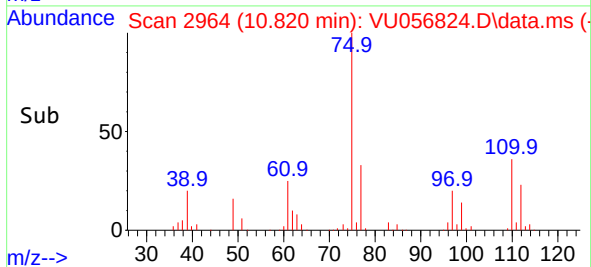
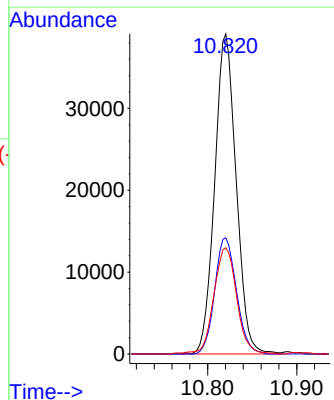
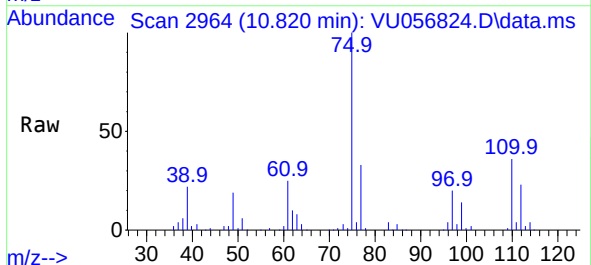
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

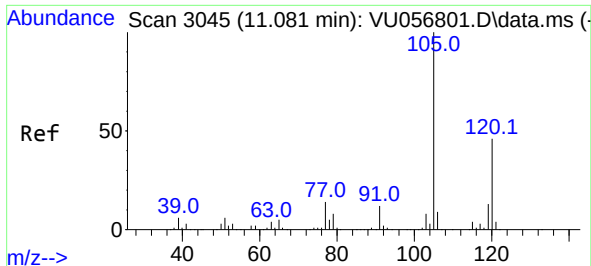
Tgt Ion:105 Resp: 510032
Ion Ratio Lower Upper
105 100
120 25.0 20.1 30.1
77 16.8 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.066 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion: 75 Resp: 65455
Ion Ratio Lower Upper
75 100
110 36.7 28.4 42.6
77 35.4 26.3 39.5

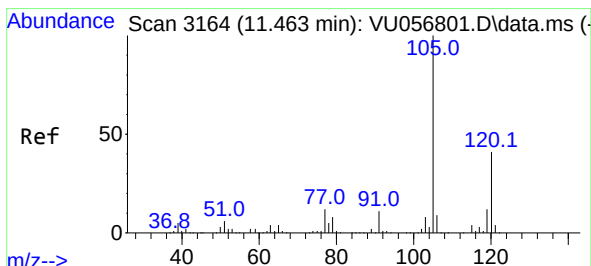
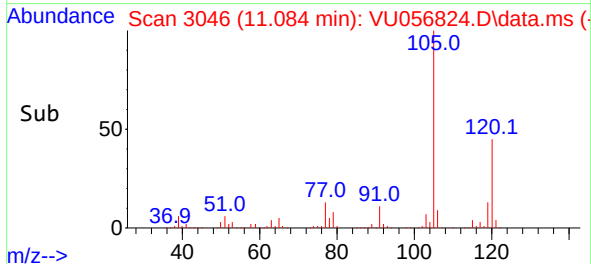
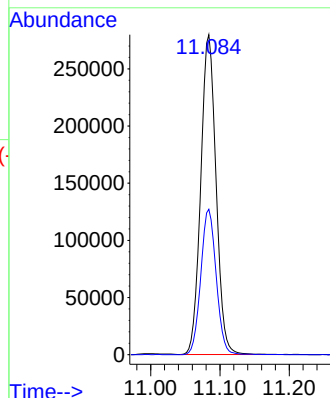
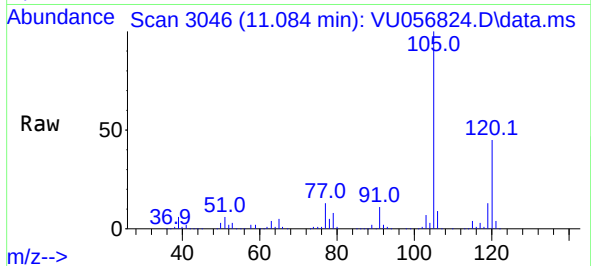




#62
1,3,5-Trimethylbenzene
Concen: 5.523 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

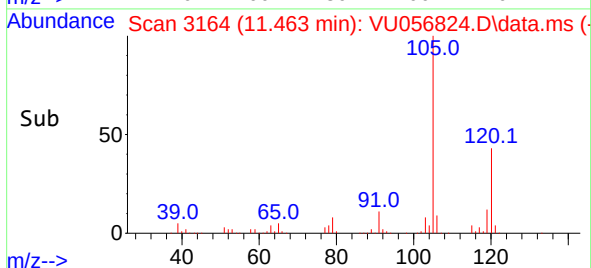
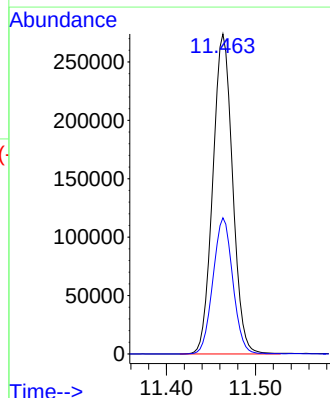
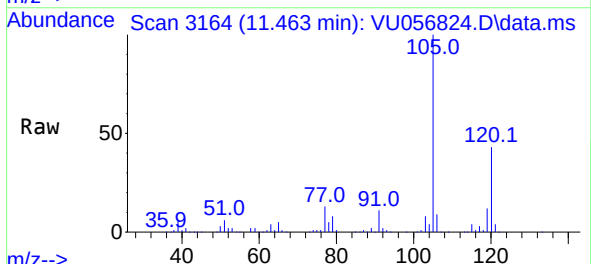
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

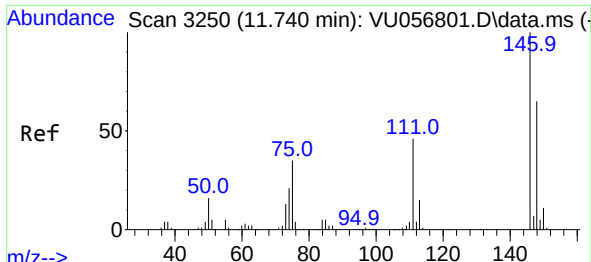
Tgt Ion:105 Resp: 429153
Ion Ratio Lower Upper
105 100
120 45.7 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 5.467 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion:105 Resp: 421883
Ion Ratio Lower Upper
105 100
120 42.6 34.2 51.4

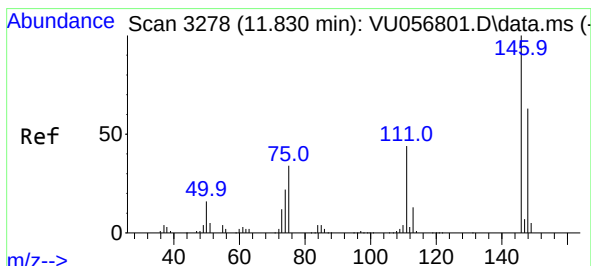
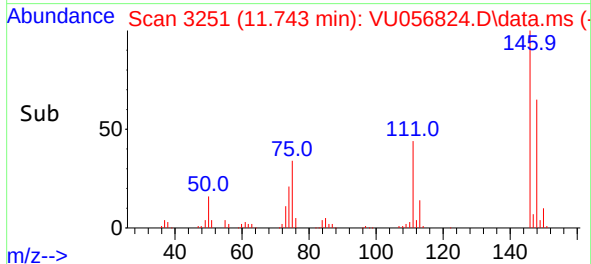
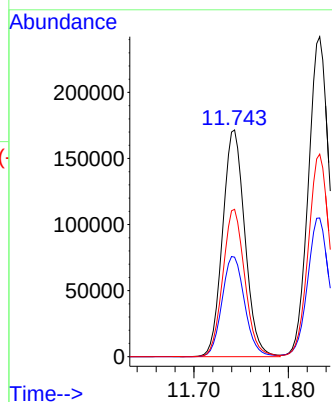
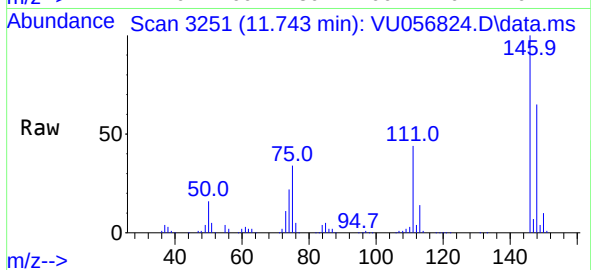




#64
1,3-Dichlorobenzene
Concen: 6.247 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

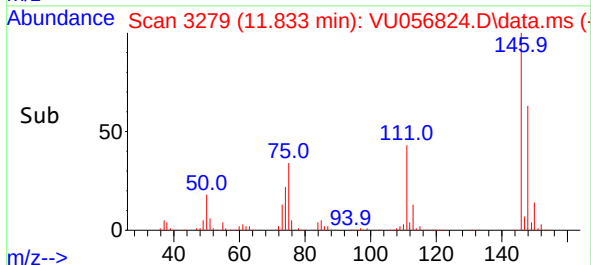
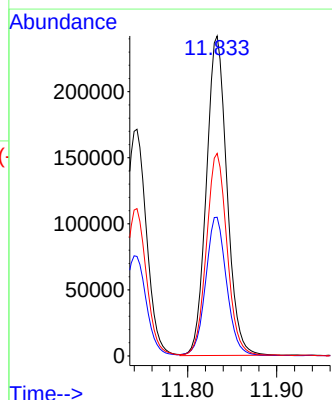
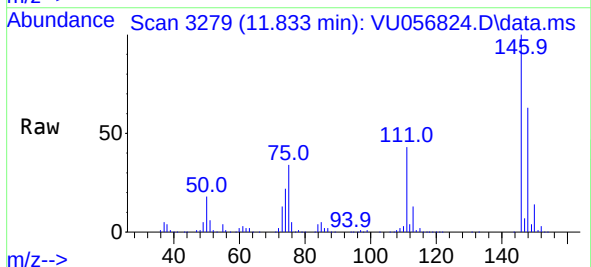
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

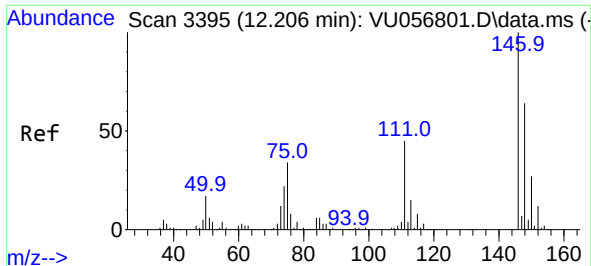
Tgt Ion:146 Resp: 280951
Ion Ratio Lower Upper
146 100
111 43.9 31.7 58.9
148 65.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 8.760 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion:146 Resp: 387914
Ion Ratio Lower Upper
146 100
111 43.4 31.2 58.0
148 63.3 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 12.621 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU056824.D

Acq: 13 Dec 2023 08:45

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

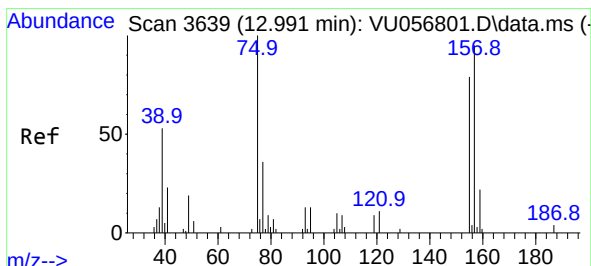
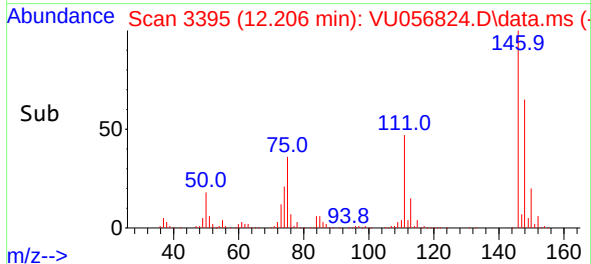
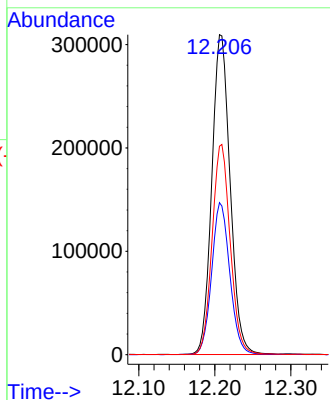
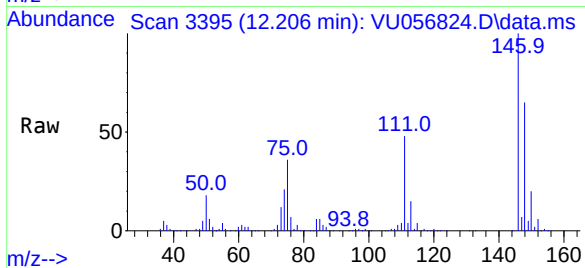
Tgt Ion:146 Resp: 517066

Ion Ratio Lower Upper

146 100

111 47.5 36.9 55.3

148 65.1 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.747 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU056824.D

Acq: 13 Dec 2023 08:45

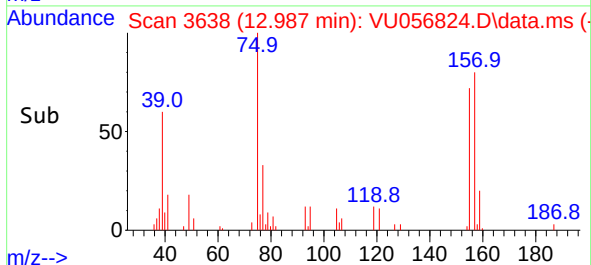
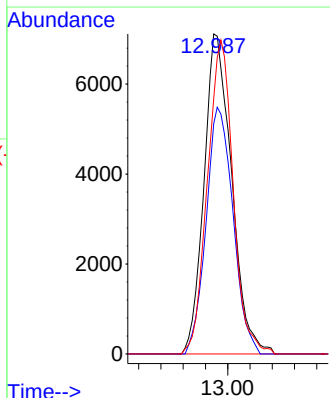
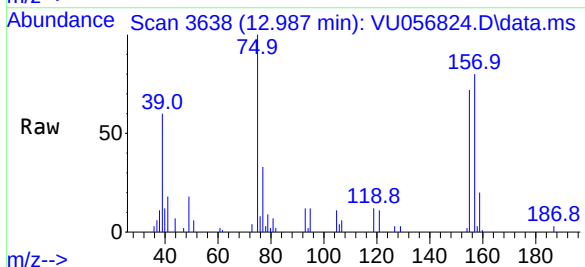
Tgt Ion: 75 Resp: 12245

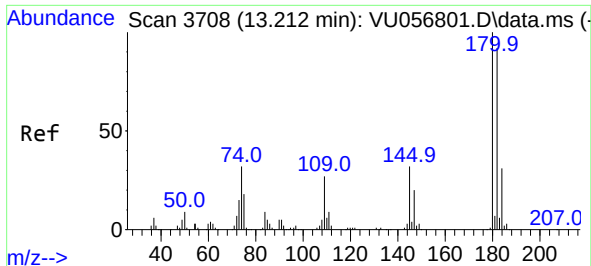
Ion Ratio Lower Upper

75 100

155 72.0 55.4 83.2

157 79.8 77.3 115.9

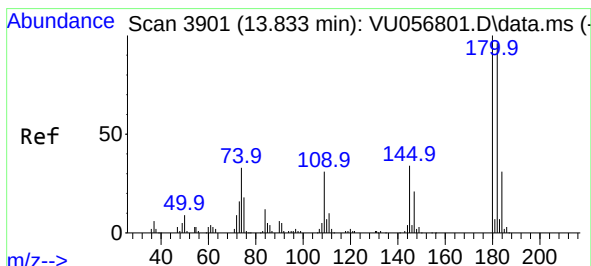
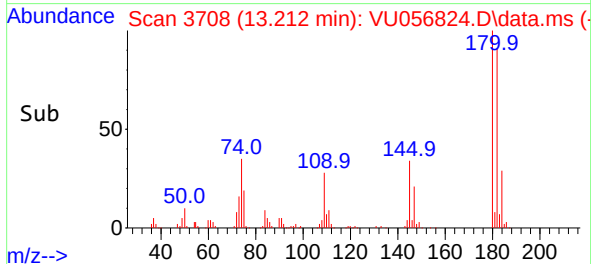
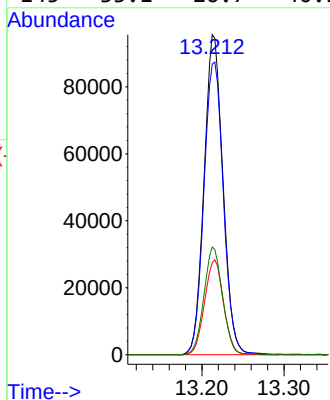
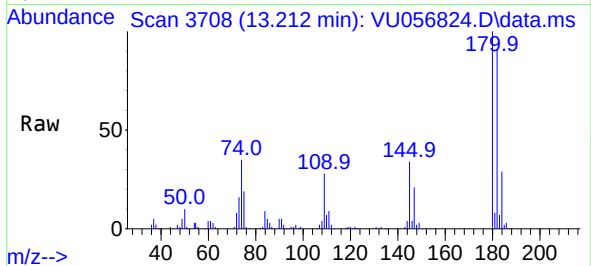




#69
1,3,5-Trichlorobenzene
Concen: 4.495 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

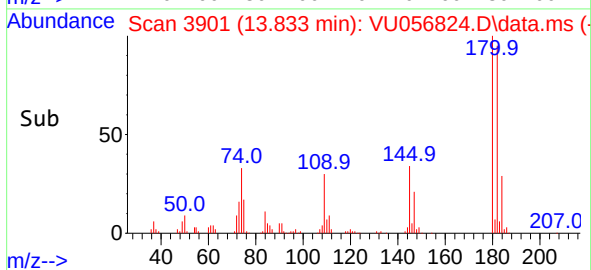
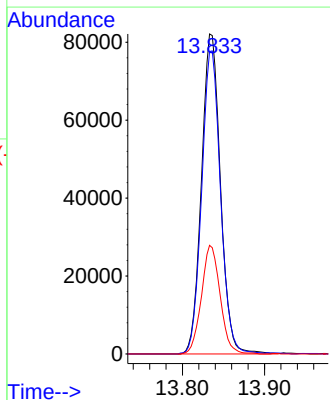
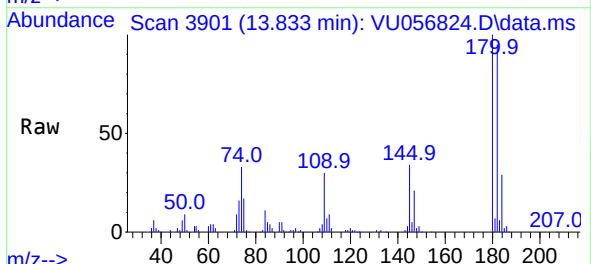
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

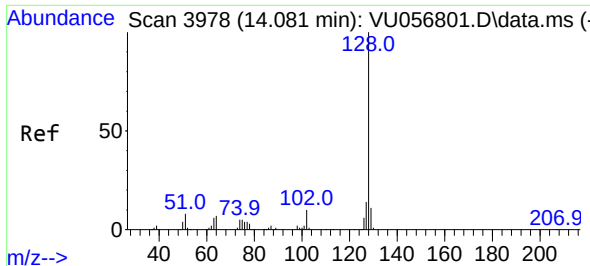
Tgt Ion:180 Resp: 152751
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.4
184 29.7 24.6 37.0
145 33.1 26.7 40.1



#70
1,2,4-trichlorobenzene
Concen: 4.904 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion:180 Resp: 131978
Ion Ratio Lower Upper
180 100
182 94.2 74.3 111.5
145 33.5 26.7 40.1



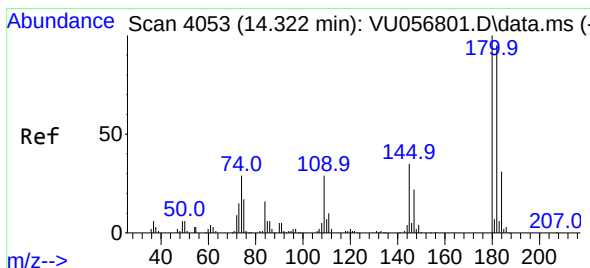
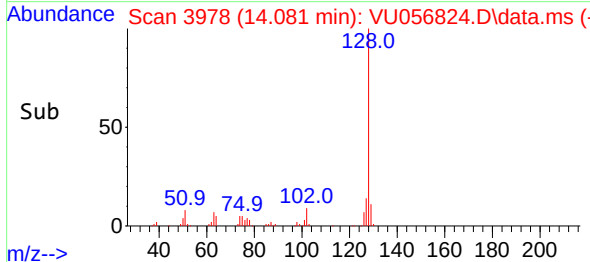
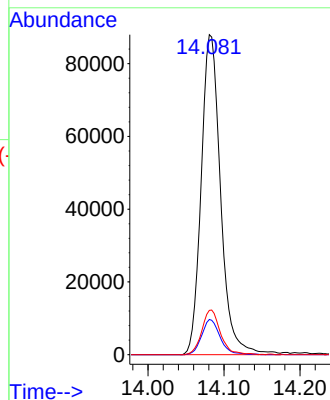
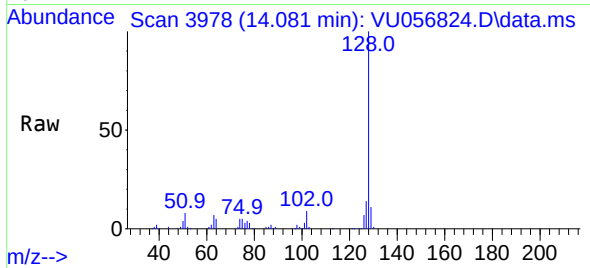


#71
Naphthalene
Concen: 3.970 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Tgt Ion:128 Resp: 156333

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.4	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.332 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU056824.D
Acq: 13 Dec 2023 08:45

Tgt Ion:180 Resp: 98970

Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.0	112.6
145	36.1	28.6	42.8

