

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056472.D
 Acq On : 18 Nov 2023 10:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 23:12:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	312188	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	306034	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	155077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83727	3.586	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.907	69	65697	3.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.560	65	40153	3.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.621	46	240967	51.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.500%
24) Chloroform-d	5.055	84	201326	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	96511	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.724	84	366663	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.685	67	116114	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.894	98	324511	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	44110	4.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.631	63	210865	50.912	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96395	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	118134	4.124	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	132013	5.337	ug/L	98
3) Chloromethane	1.515	50	127896	5.060	ug/L	98
5) Vinyl chloride	1.602	62	127404	5.231	ug/L	100
6) Bromomethane	1.853	94	60748	4.928	ug/L	99
8) Chloroethane	1.927	64	69230	4.653	ug/L	97
9) Trichlorofluoromethane	2.132	101	191798	5.465	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	117538	5.641	ug/L	99
12) 1,1-Dichloroethene	2.573	96	101387	5.305	ug/L	93
13) Acetone	2.631	43	198087	49.951	ug/L	99
14) Carbon disulfide	2.788	76	285350	4.589	ug/L	99
15) Methyl Acetate	2.949	43	40222	5.699	ug/L	97
16) Methylene chloride	3.039	84	121731	4.813	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	250904	5.404	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	103777	5.278	ug/L	95
19) 1,1-Dichloroethane	3.862	63	208023	5.341	ug/L	98
21) 2-Butanone	4.701	43	262495	51.011	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	120920	5.423	ug/L	95
23) Bromochloromethane	4.968	128	50883	5.544	ug/L	96
25) Chloroform	5.081	83	223804	5.304	ug/L	95

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 ALS Vial : 1 Sample Multiplier: 1

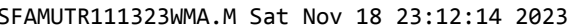
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 ClientSampleId :

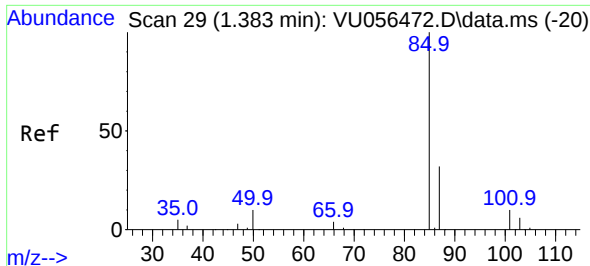
Quant Time: Nov 18 23:12:09 2023
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	132230	5.519	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	193074	5.496	ug/L	99
30) Cyclohexane	5.383	56	159220	4.775	ug/L	99
31) Carbon tetrachloride	5.518	117	163766	5.428	ug/L	99
33) Benzene	5.769	78	454579	5.206	ug/L	100
34) Trichloroethene	6.537	95	126001	5.296	ug/L	98
35) Methylcyclohexane	6.759	83	172327	5.017	ug/L	97
37) 1,2-Dichloropropane	6.785	63	121501	5.336	ug/L	99
38) Bromodichloromethane	7.100	83	156770	5.333	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	172345	5.151	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	607742	53.839	ug/L	99
42) Toluene	7.965	91	483471	5.348	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	141844	5.317	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	85758	5.655	ug/L	95
47) Tetrachloroethene	8.550	164	88988	5.547	ug/L	98
48) 2-Hexanone	8.682	43	474315	53.936	ug/L	99
49) Dibromochloromethane	8.807	129	97111	5.631	ug/L	99
50) 1,2-Dibromoethane	8.920	107	78385	5.475	ug/L	95
51) Chlorobenzene	9.444	112	306122	5.270	ug/L	99
52) Ethylbenzene	9.566	91	539871	5.378	ug/L	100
53) m,p-Xylene	9.692	106	198771	5.386	ug/L	99
54) o-Xylene	10.097	106	195109	5.443	ug/L	99
55) Styrene	10.113	104	337740	5.664	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	105500	5.697	ug/L	94
59) Bromoform	10.286	173	56047	5.802	ug/L	98
60) Isopropylbenzene	10.483	105	540733	5.407	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	72254	5.430	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	440808	5.368	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	437785	5.401	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	247423	5.439	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	241179	5.285	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	225555	5.404	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	14340	5.046	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	183770	5.365	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	141266	5.064	ug/L	97
71) Naphthalene	14.084	128	205623	4.878	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	120475	5.242	ug/L	98

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

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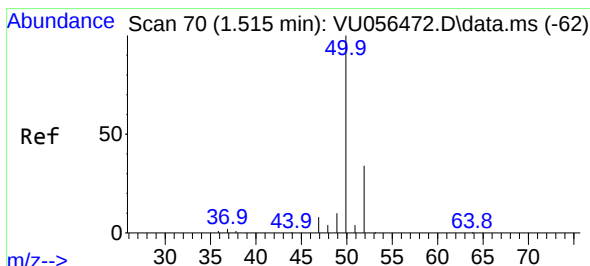
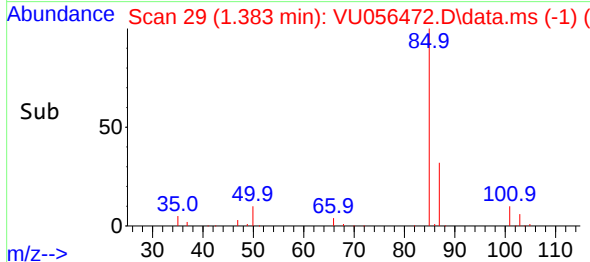
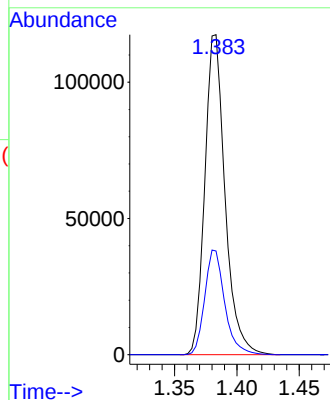
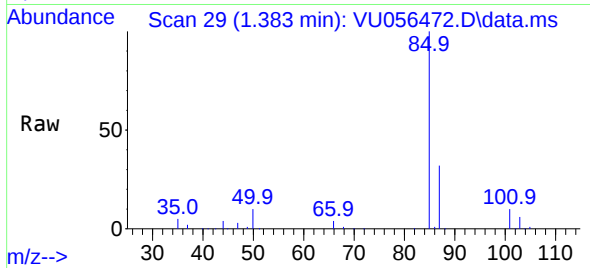




#2
Dichlorodifluoromethane
Concen: 5.337 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

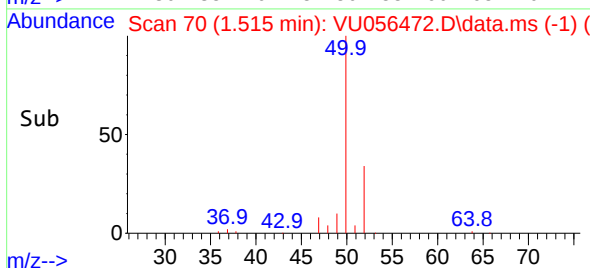
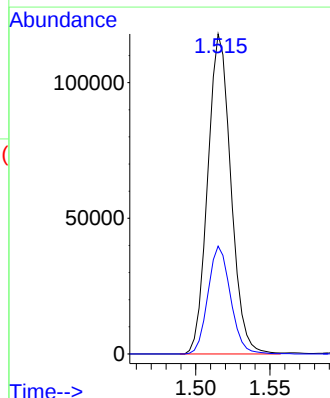
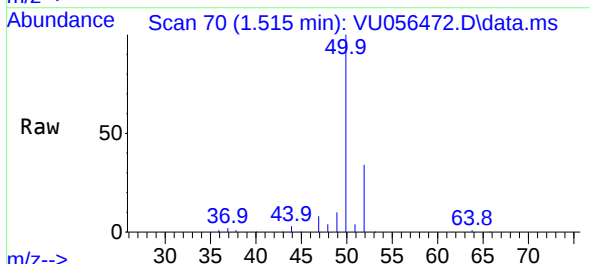
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MSVOA_U
ClientSampleId :

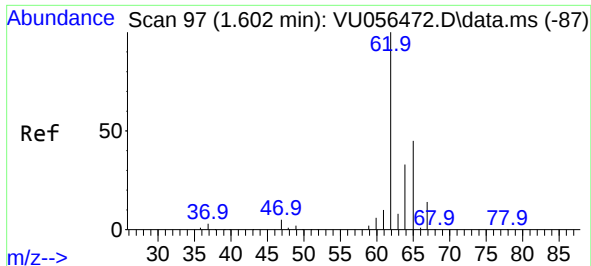
Tgt Ion: 85 Resp: 132013
Ion Ratio Lower Upper
85 100
87 32.4 25.0 37.4



#3
Chloromethane
Concen: 5.060 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 50 Resp: 127896
Ion Ratio Lower Upper
50 100
52 33.7 24.3 45.1

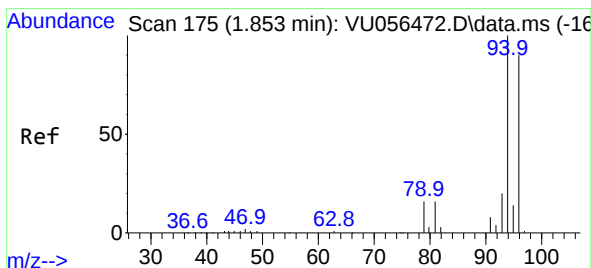
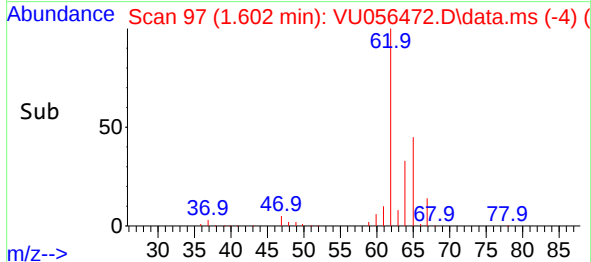
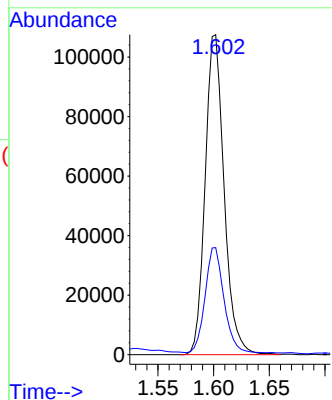
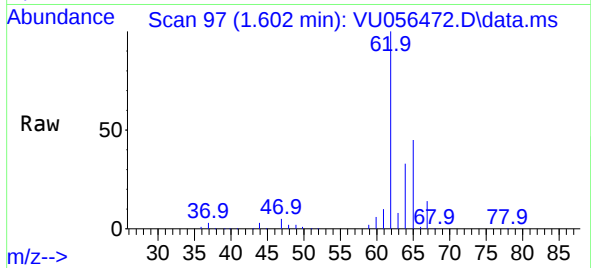




#5
Vinyl chloride
Concen: 5.231 ug/L
RT: 1.602 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

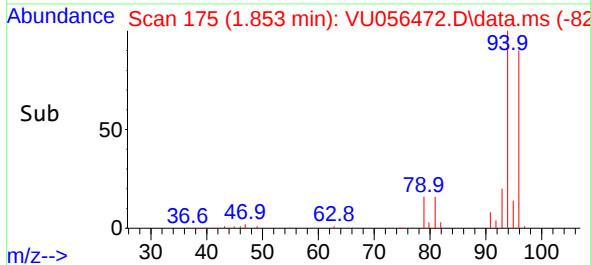
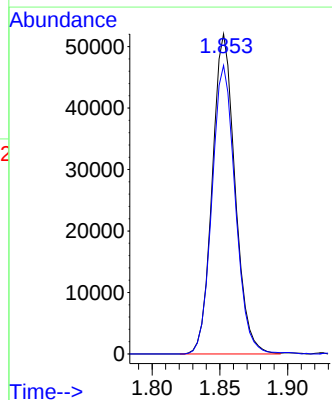
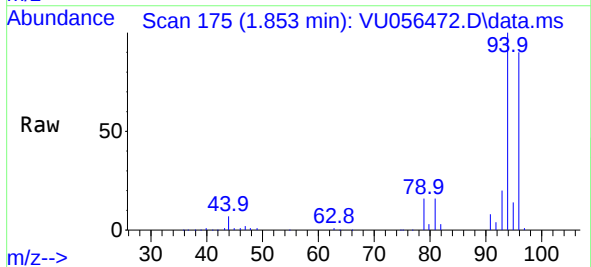
Instrument :
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ClientSampleId :

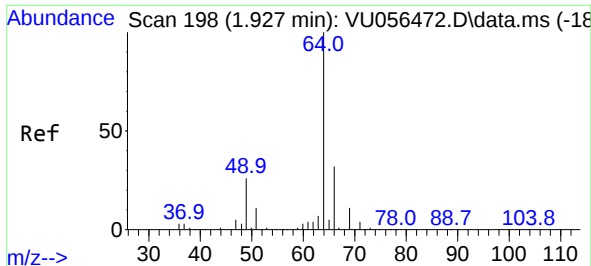
Tgt Ion: 62 Resp: 127404
Ion Ratio Lower Upper
62 100
64 33.4 23.3 43.3



#6
Bromomethane
Concen: 4.928 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 94 Resp: 60748
Ion Ratio Lower Upper
94 100
96 90.2 62.6 116.2

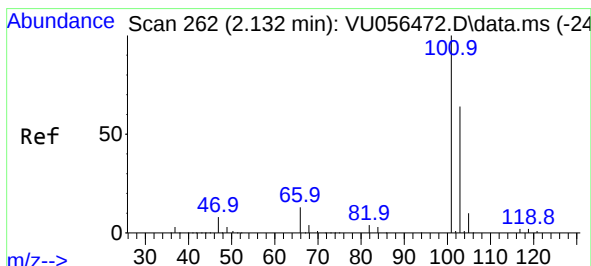
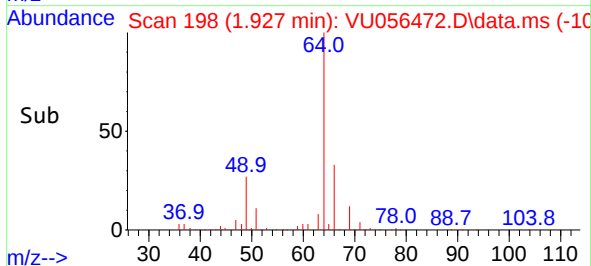
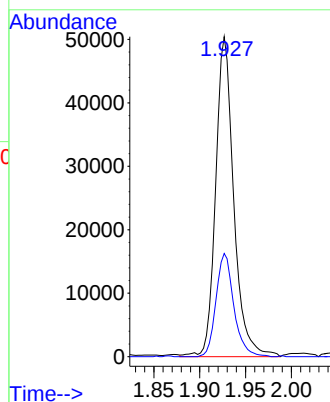
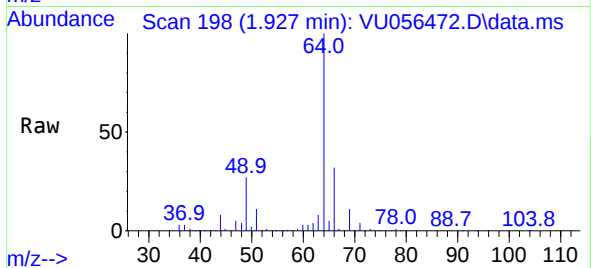




#8
Chloroethane
Concen: 4.653 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

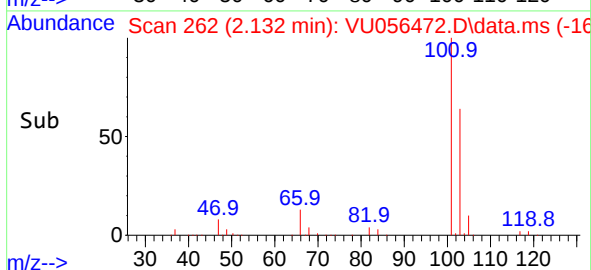
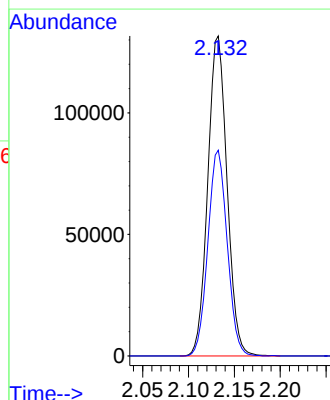
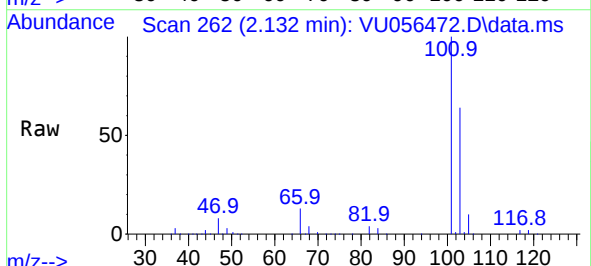
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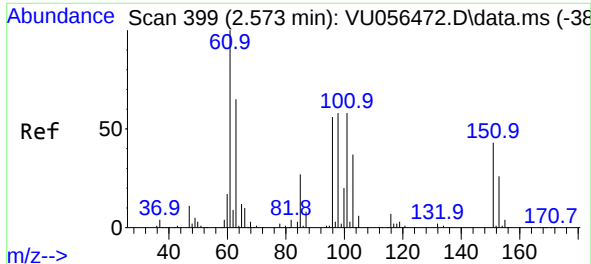
Tgt Ion: 64 Resp: 69230
Ion Ratio Lower Upper
64 100
66 32.3 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.465 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion:101 Resp: 191798
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

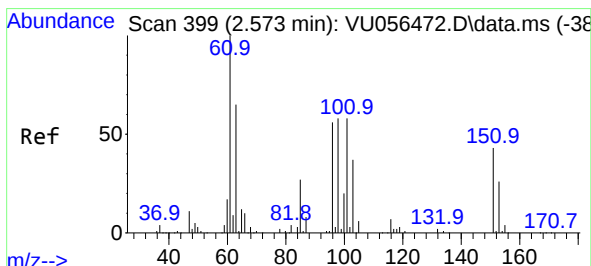
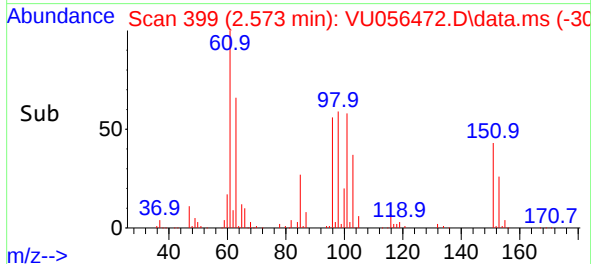
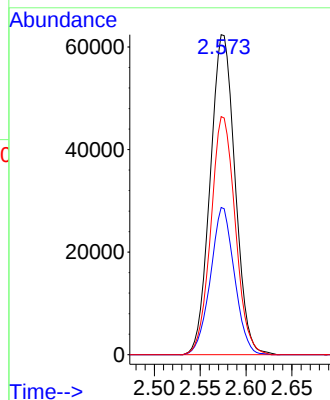
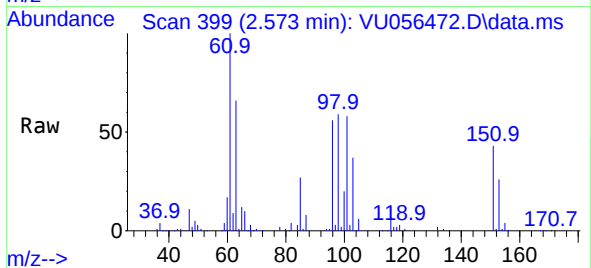




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.641 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

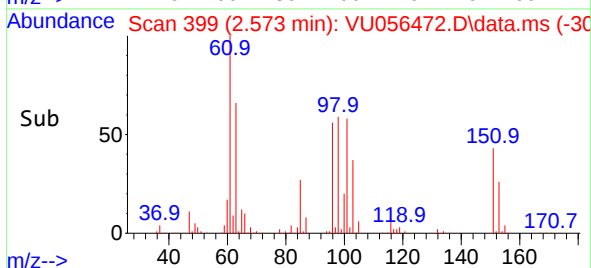
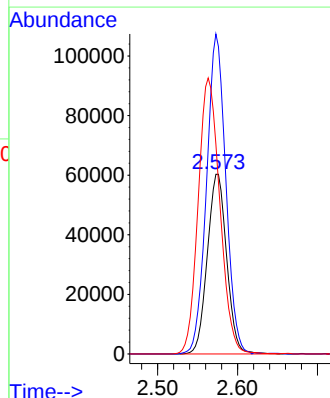
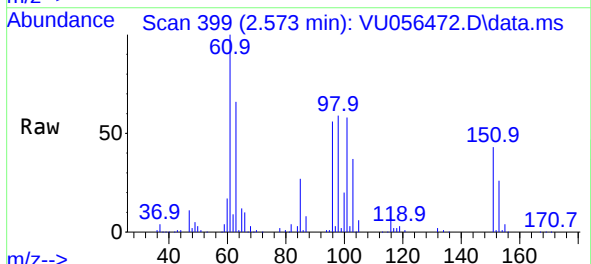
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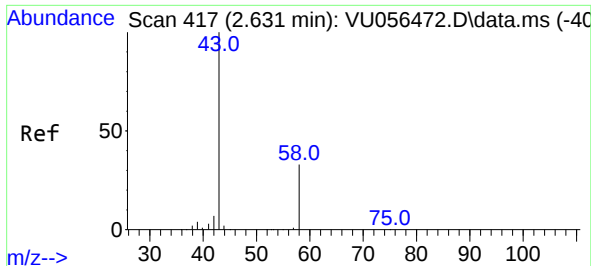
Tgt Ion:101 Resp: 117538
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.0
151 73.3 58.0 87.0



#12
1,1-Dichloroethene
Concen: 5.305 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 96 Resp: 101387
Ion Ratio Lower Upper
96 100
61 178.0 123.1 228.7
63 116.7 93.3 173.3





#13

Acetone

Concen: 49.951 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU056472.D

Acq: 18 Nov 2023 10:33

Instrument :

MSVOA_U

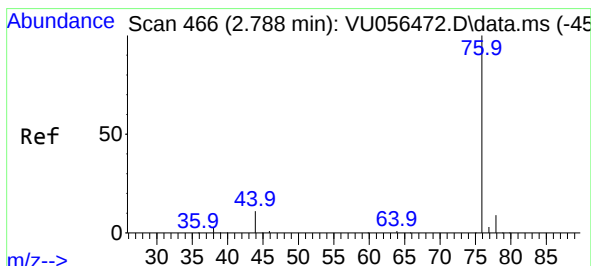
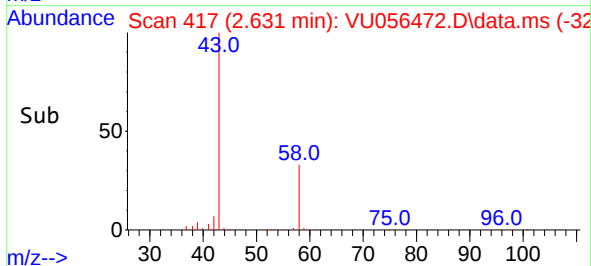
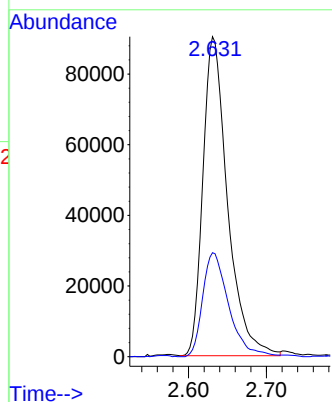
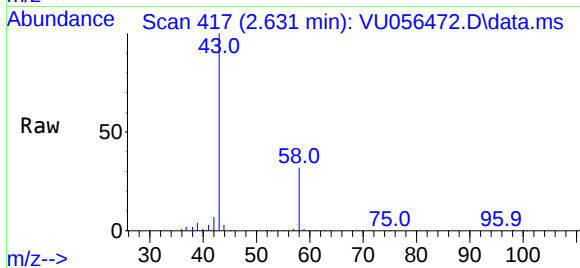
ClientSampleId :

Tgt Ion: 43 Resp: 198087

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.0



#14

Carbon disulfide

Concen: 4.589 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056472.D

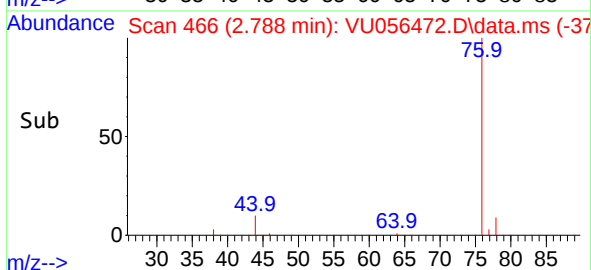
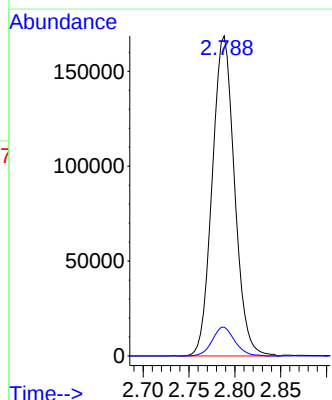
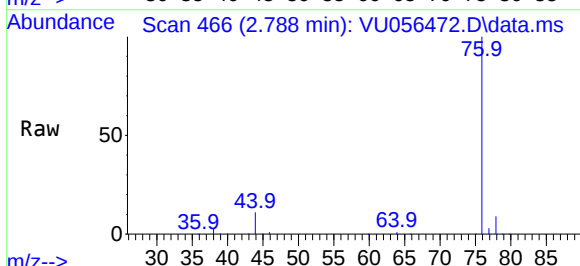
Acq: 18 Nov 2023 10:33

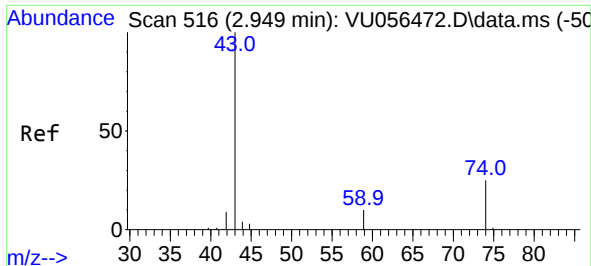
Tgt Ion: 76 Resp: 285350

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2

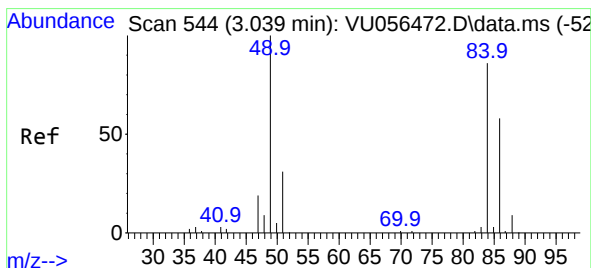
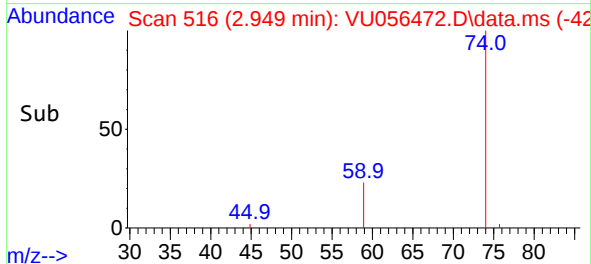
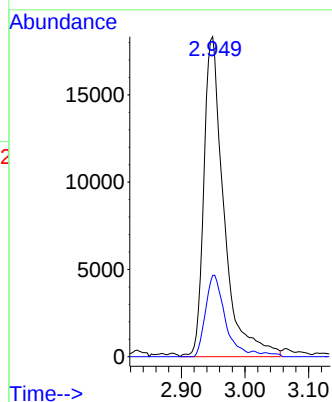
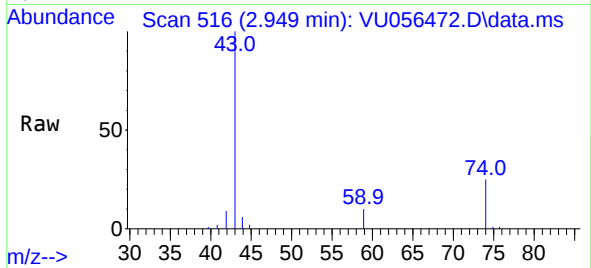




#15
Methyl Acetate
Concen: 5.699 ug/L
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

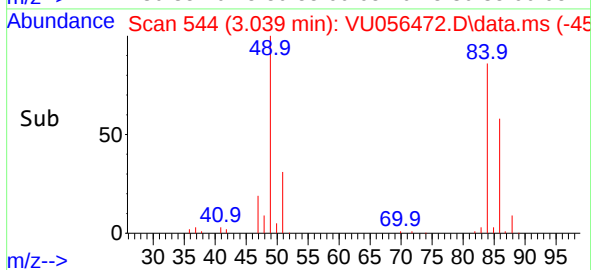
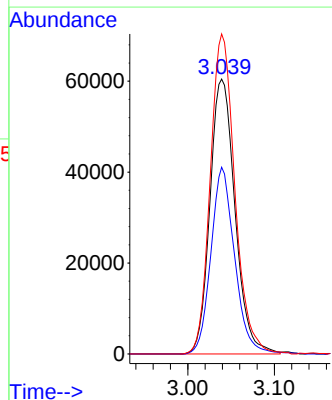
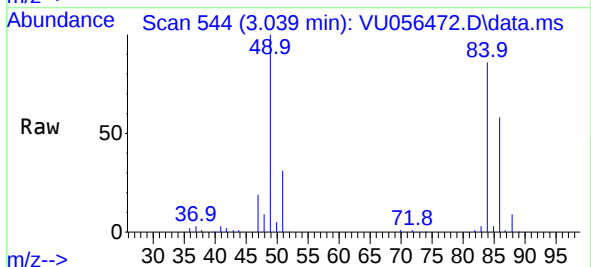
Instrument :
MSVOA_U
ClientSampleId :

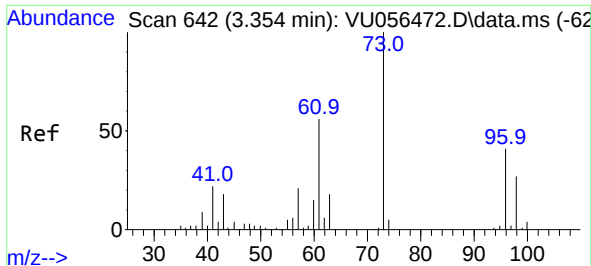
Tgt Ion: 43 Resp: 40222
Ion Ratio Lower Upper
43 100
74 24.3 20.6 31.0



#16
Methylene chloride
Concen: 4.813 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

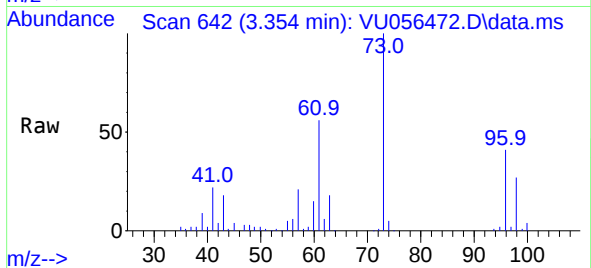
Tgt Ion: 84 Resp: 121731
Ion Ratio Lower Upper
84 100
86 67.9 44.7 83.1
49 116.4 81.8 152.0



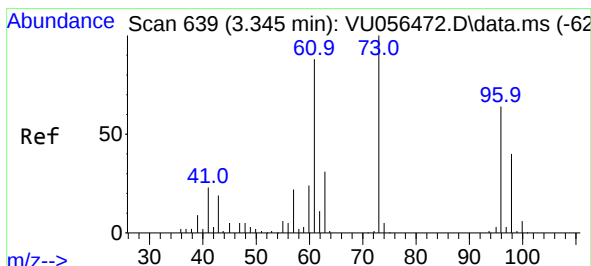
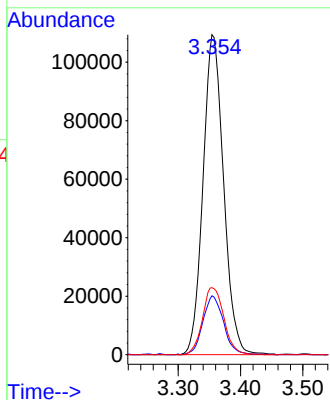
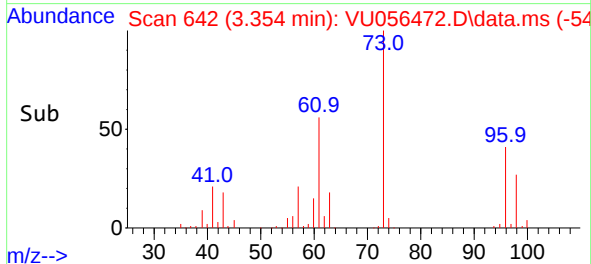


#17
Methyl tert-butyl Ether
Concen: 5.404 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

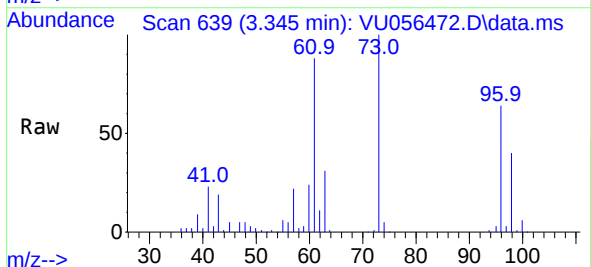
Instrument :
MSVOA_U
ClientSampleId :



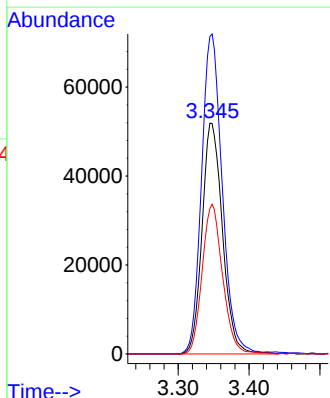
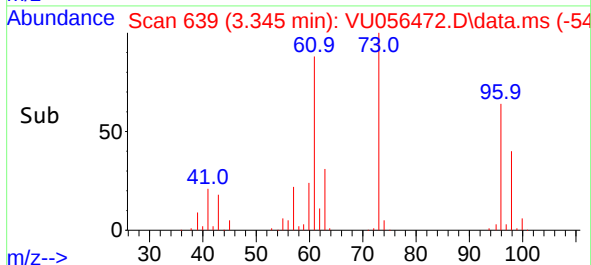
Tgt Ion: 73 Resp: 250904
Ion Ratio Lower Upper
73 100
43 18.5 15.1 22.7
57 21.8 17.8 26.8

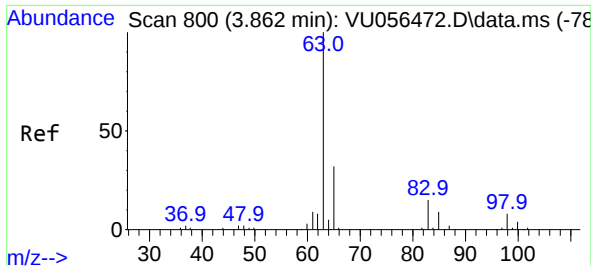


#18
trans-1,2-Dichloroethene
Concen: 5.278 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33



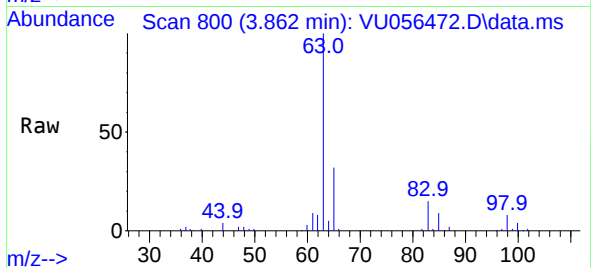
Tgt Ion: 96 Resp: 103777
Ion Ratio Lower Upper
96 100
61 137.5 101.7 188.9
98 63.0 43.0 80.0



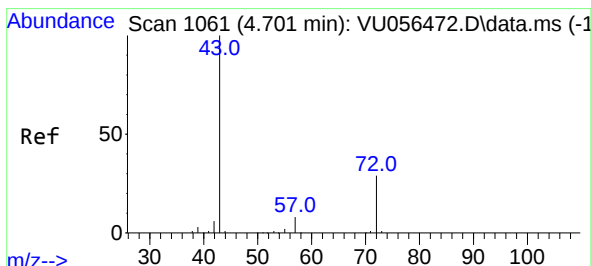
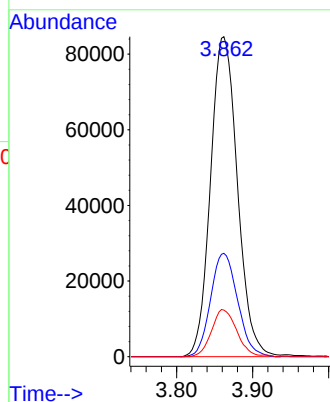
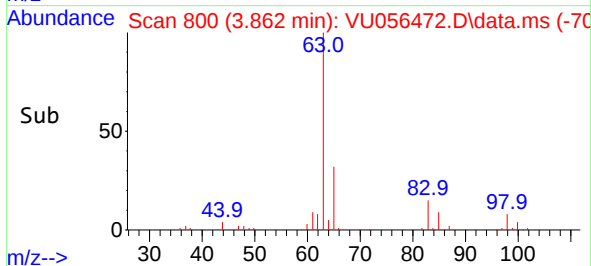


#19
1,1-Dichloroethane
Concen: 5.341 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Instrument :
MSVOA_U
ClientSampleId :

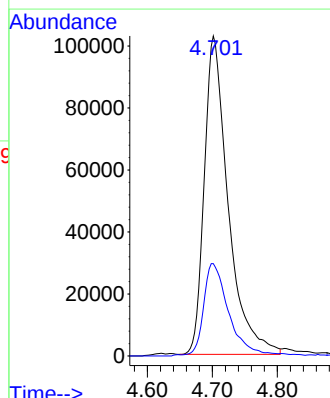
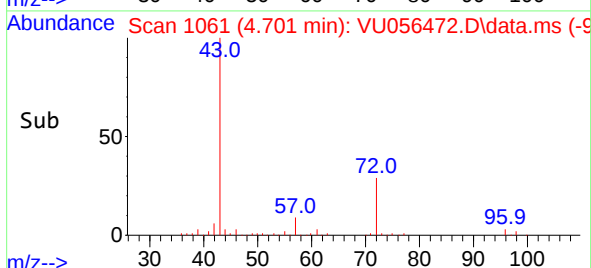
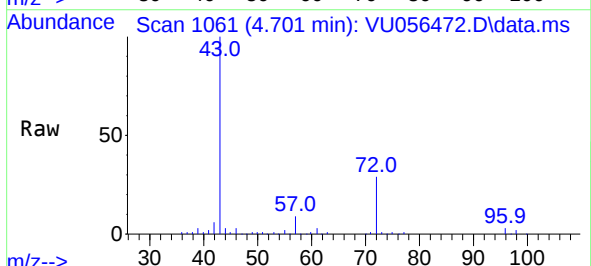


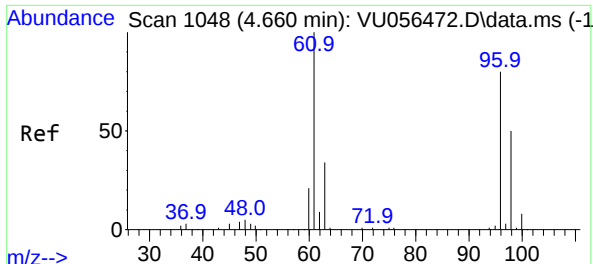
Tgt Ion: 63 Resp: 208023
Ion Ratio Lower Upper
63 100
65 32.3 21.8 40.6
83 14.6 9.7 17.9



#21
2-Butanone
Concen: 51.011 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

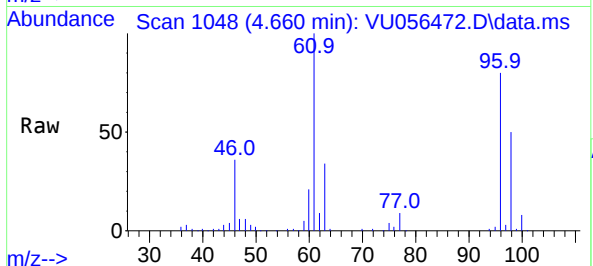
Tgt Ion: 43 Resp: 262495
Ion Ratio Lower Upper
43 100
72 29.3 14.2 42.6



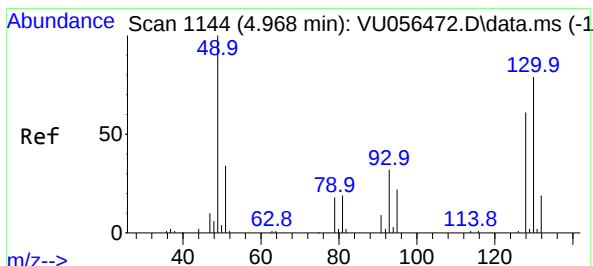
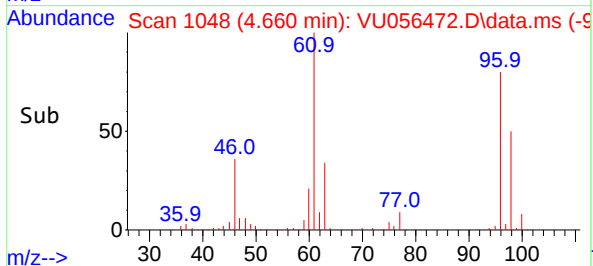
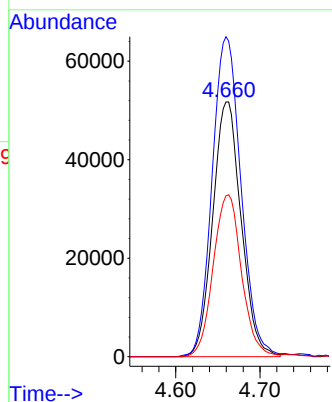


#22
 cis-1,2-Dichloroethene
 Concen: 5.423 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056472.D
 Acq: 18 Nov 2023 10:33

Instrument :
 MSVOA_U
 ClientSampleId :

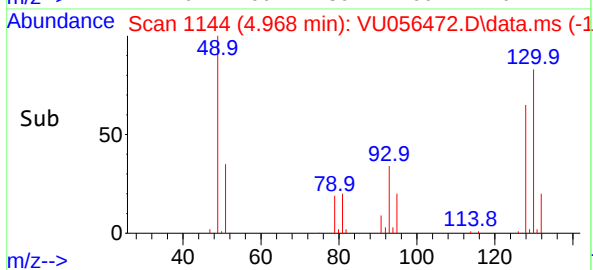
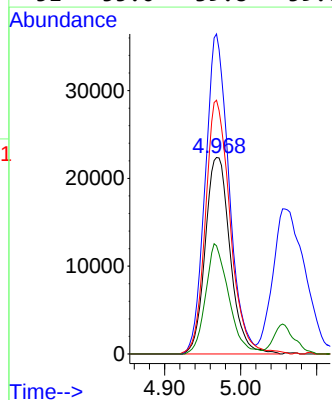
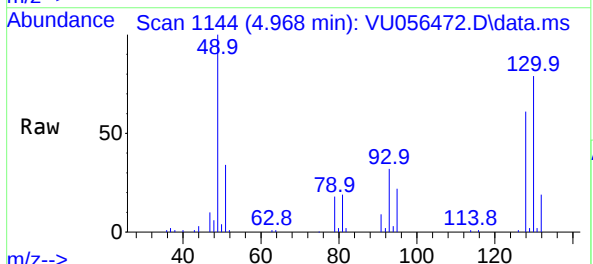


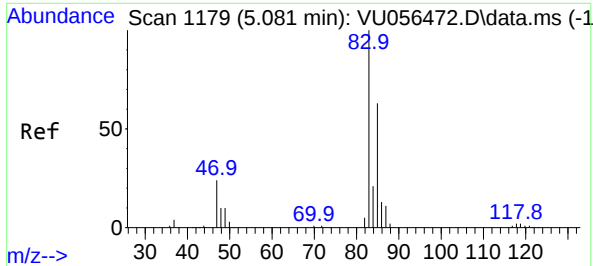
Tgt Ion: 96 Resp: 120920
 Ion Ratio Lower Upper
 96 100
 61 125.6 93.2 173.2
 98 63.1 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.544 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU056472.D
 Acq: 18 Nov 2023 10:33

Tgt Ion: 128 Resp: 50883
 Ion Ratio Lower Upper
 128 100
 49 162.9 113.4 210.6
 130 129.2 84.8 157.6
 51 55.0 39.8 59.6

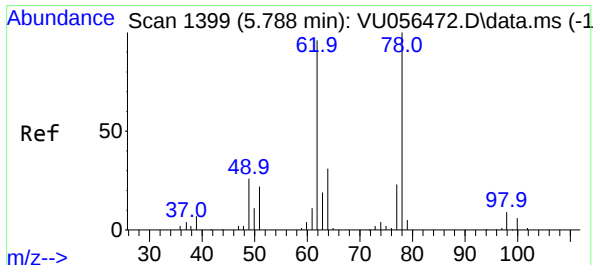
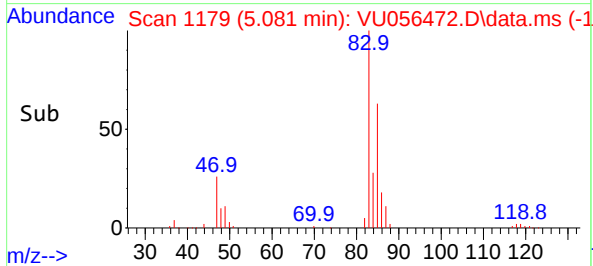
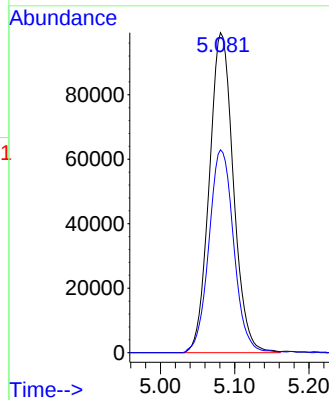
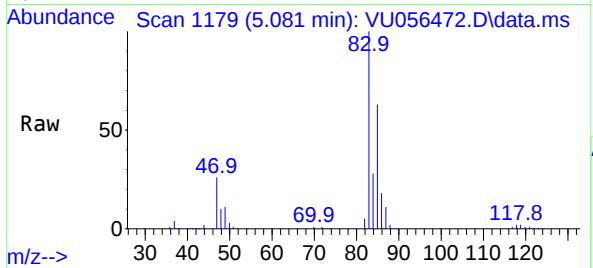




#25
Chloroform
Concen: 5.304 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

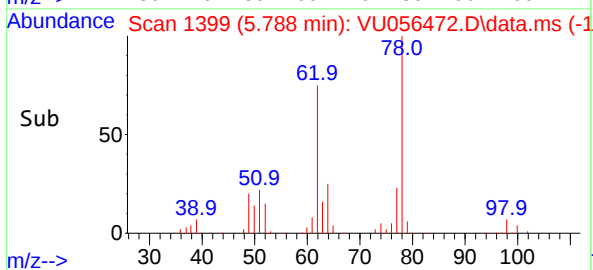
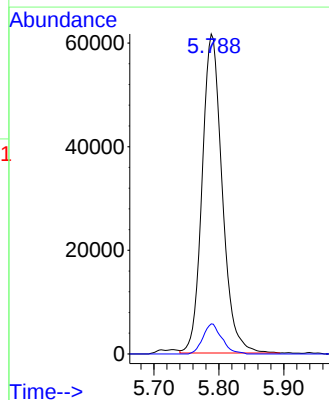
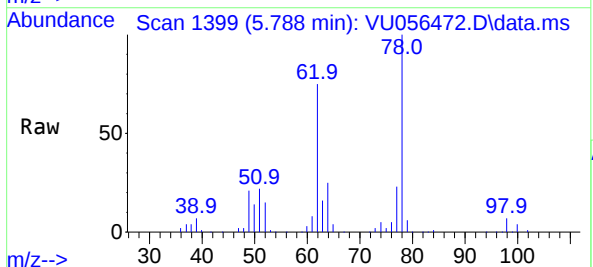
Instrument :
MSVOA_U
ClientSampleId :

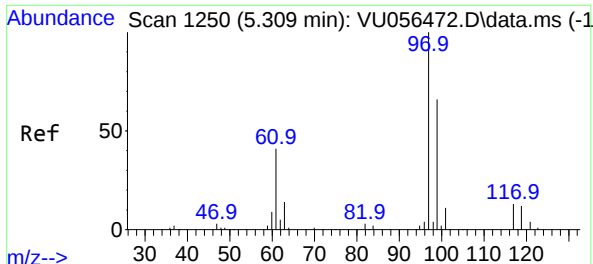
Tgt Ion: 83 Resp: 223804
Ion Ratio Lower Upper
83 100
85 63.4 47.0 87.2



#27
1,2-Dichloroethane
Concen: 5.519 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 62 Resp: 132230
Ion Ratio Lower Upper
62 100
98 9.4 6.6 10.0

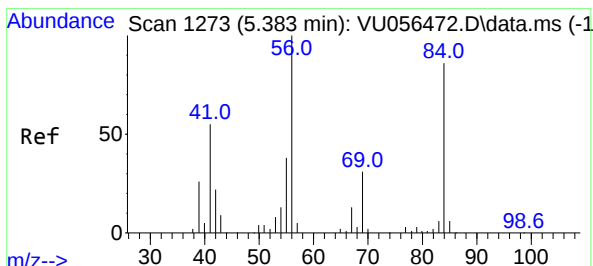
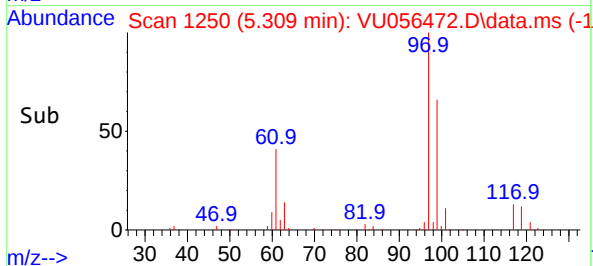
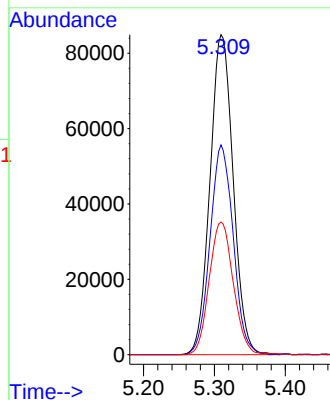
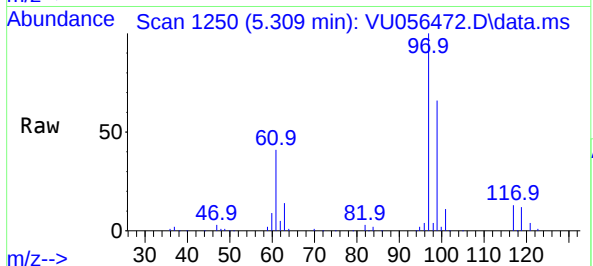




#29
1,1,1-Trichloroethane
Concen: 5.496 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

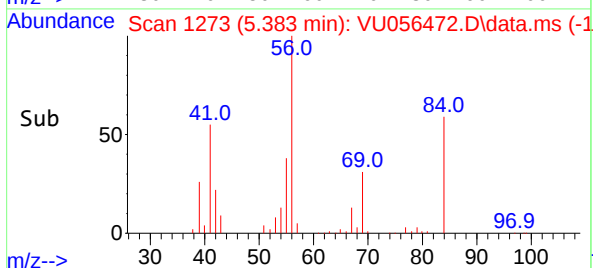
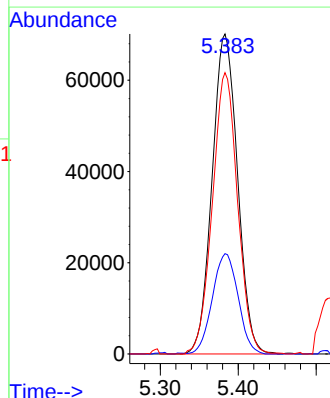
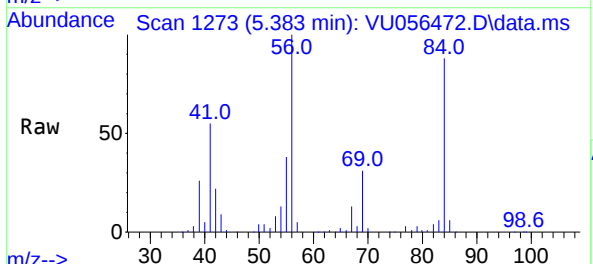
Instrument :
MSVOA_U
ClientSampleId :

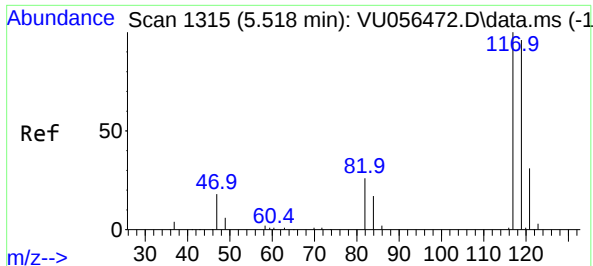
Tgt Ion: 97 Resp: 193074
Ion Ratio Lower Upper
97 100
99 65.6 51.6 77.4
61 43.1 34.3 51.5



#30
Cyclohexane
Concen: 4.775 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 56 Resp: 159220
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.2
84 87.1 68.6 103.0

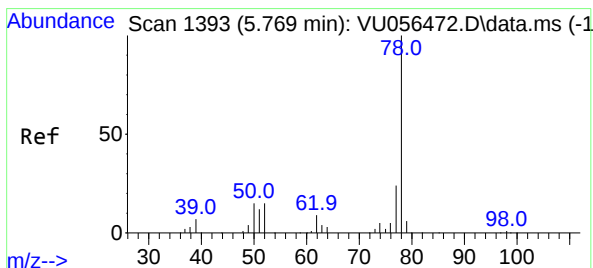
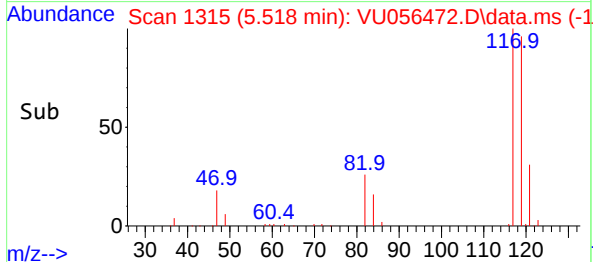
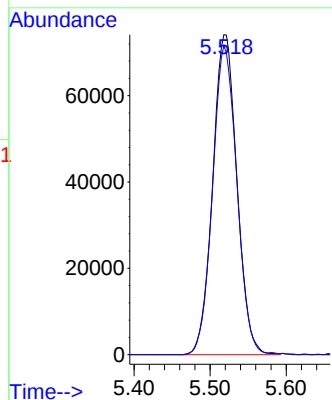
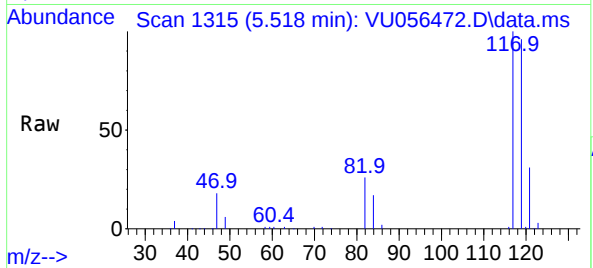




#31
Carbon tetrachloride
Concen: 5.428 ug/L
RT: 5.518 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

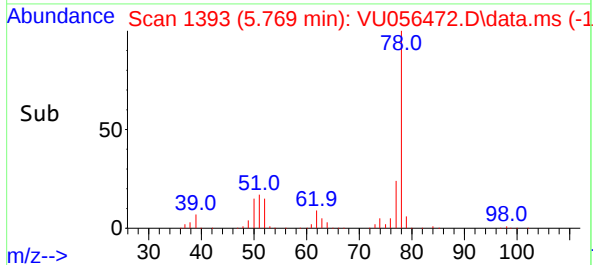
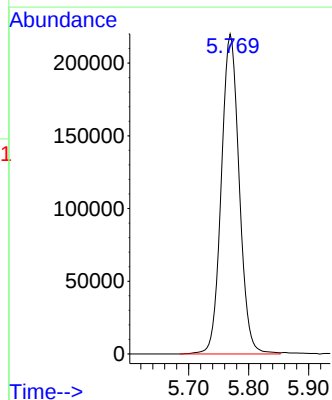
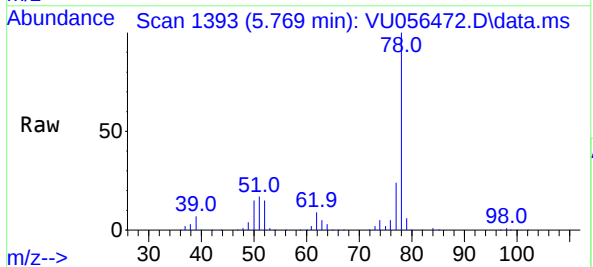
Instrument :
MSVOA_U
ClientSampleId :

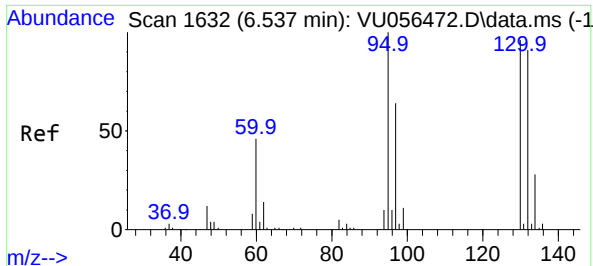
Tgt Ion:117 Resp: 163766
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1



#33
Benzene
Concen: 5.206 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

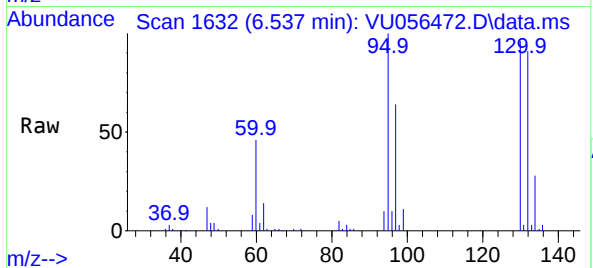
Tgt Ion: 78 Resp: 454579



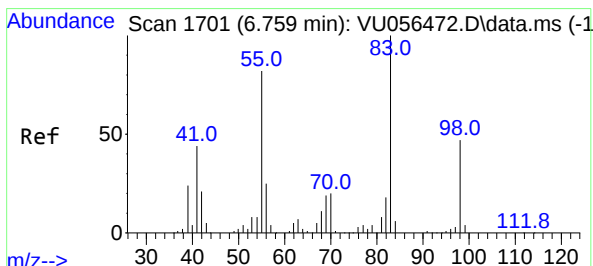
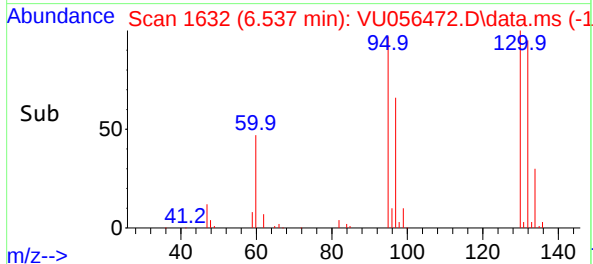
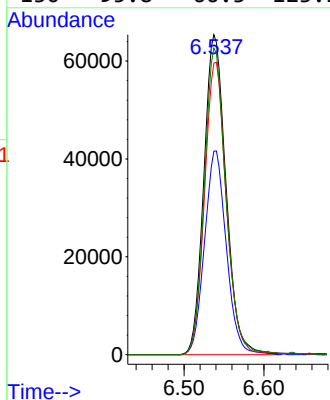


#34
Trichloroethene
Concen: 5.296 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Instrument :
MSVOA_U
ClientSampleId :

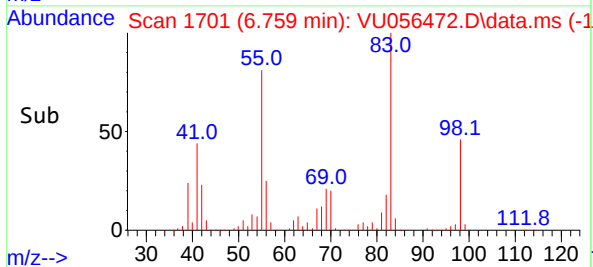
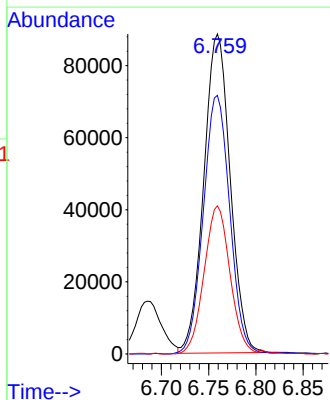
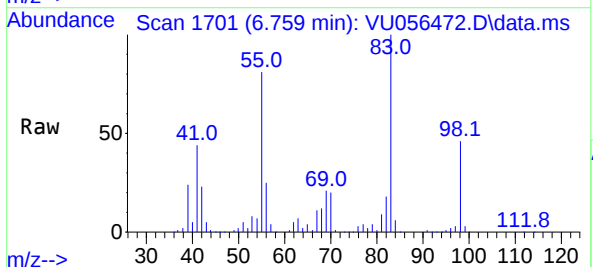


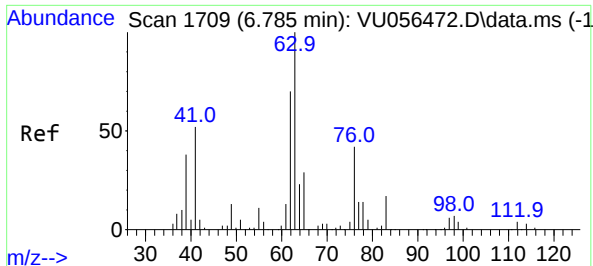
Tgt Ion: 95 Resp: 126001
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.3
132 91.2 62.0 115.2
130 95.8 66.3 123.1



#35
Methylcyclohexane
Concen: 5.017 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 83 Resp: 172327
Ion Ratio Lower Upper
83 100
55 81.3 62.9 94.3
98 45.5 35.3 52.9

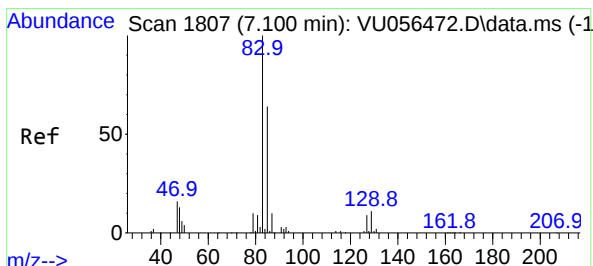
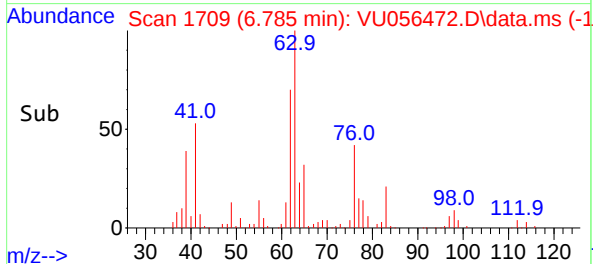
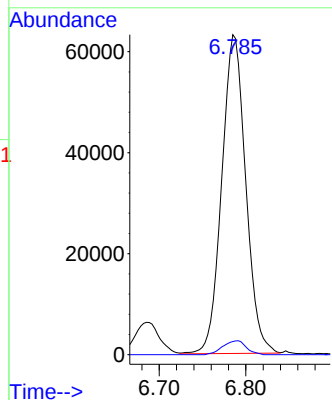
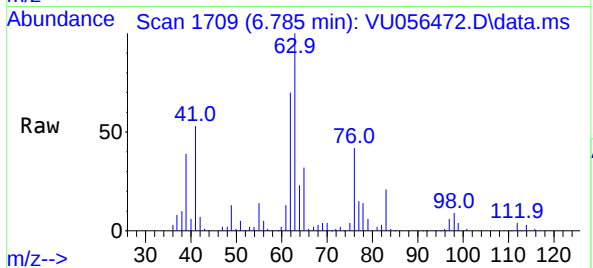




#37
1,2-Dichloropropane
Concen: 5.336 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

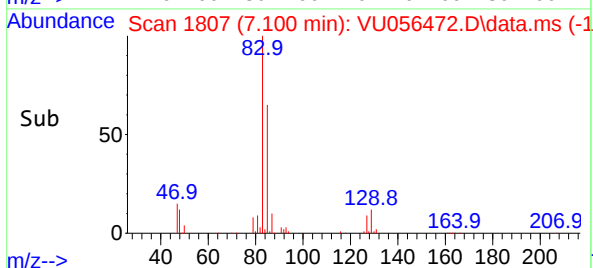
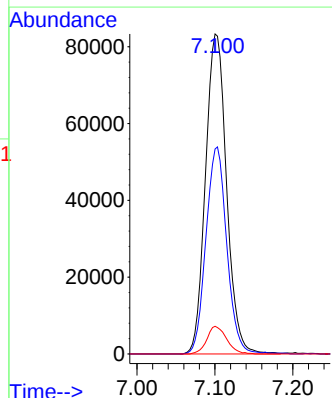
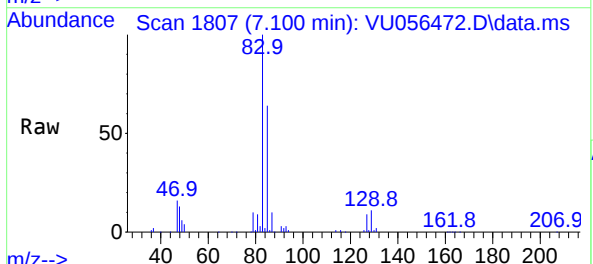
Instrument :
MSVOA_U
ClientSampleId :

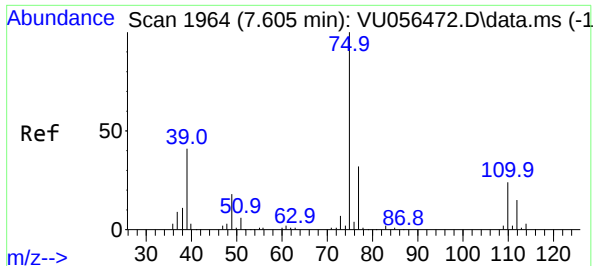
Tgt Ion: 63 Resp: 121501
Ion Ratio Lower Upper
63 100
112 4.3 3.2 4.8



#38
Bromodichloromethane
Concen: 5.333 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 83 Resp: 156770
Ion Ratio Lower Upper
83 100
85 64.0 44.9 83.5
127 8.6 6.9 10.3

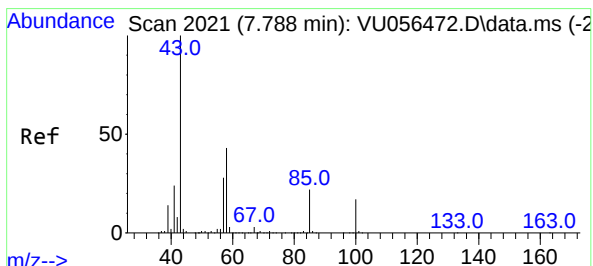
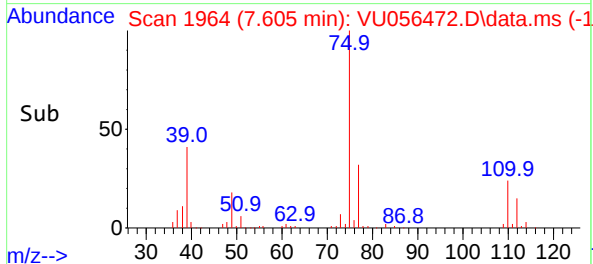
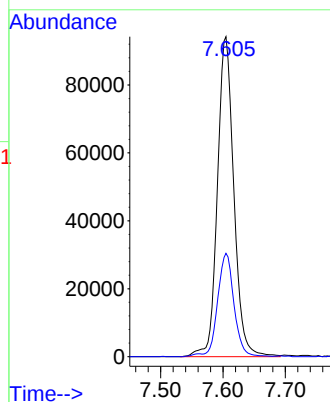
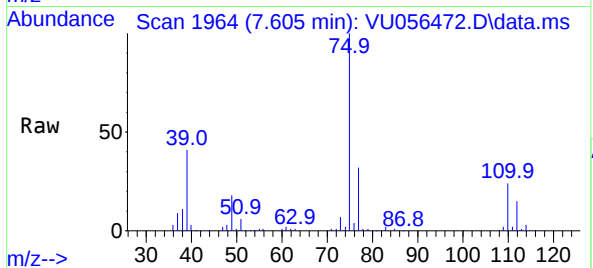




#39
cis-1,3-Dichloropropene
Concen: 5.151 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

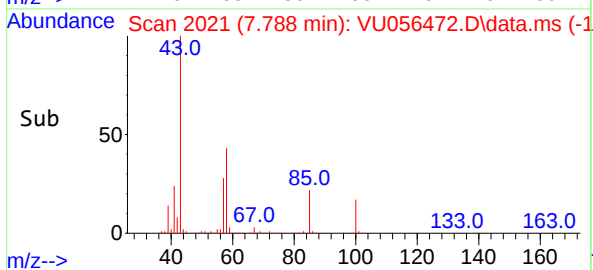
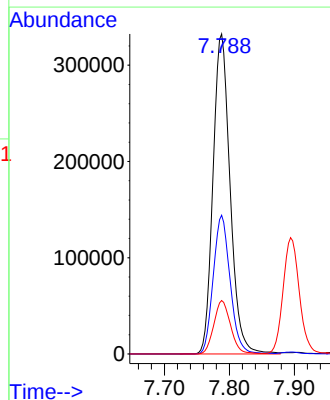
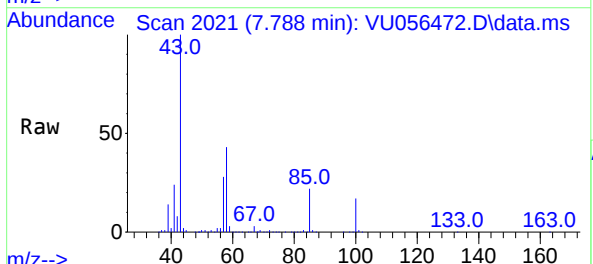
Instrument :
MSVOA_U
ClientSampleId :

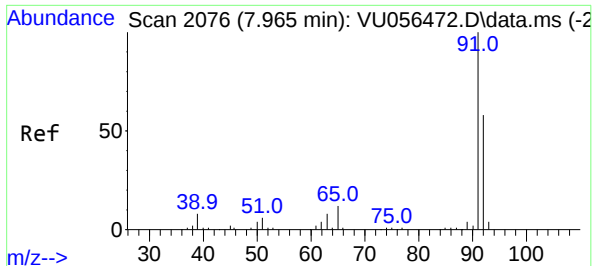
Tgt Ion: 75 Resp: 172345
Ion Ratio Lower Upper
75 100
77 32.3 21.5 39.9



#40
4-Methyl-2-pentanone
Concen: 53.839 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 43 Resp: 607742
Ion Ratio Lower Upper
43 100
58 42.9 33.8 50.8
100 16.4 13.0 19.4

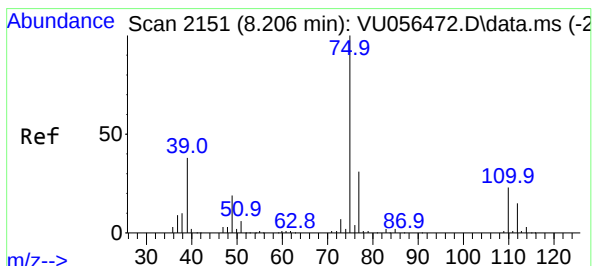
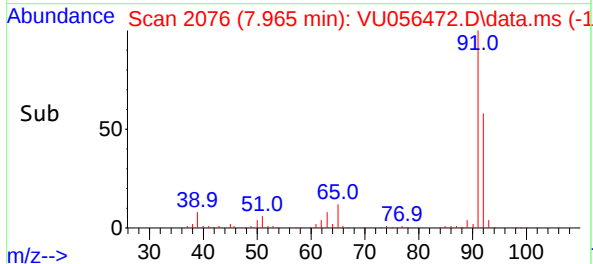
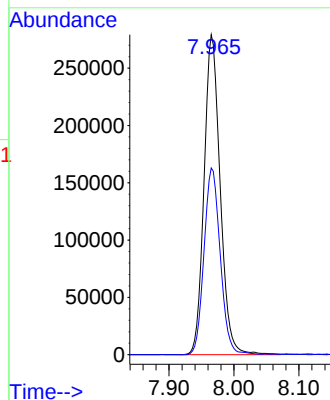
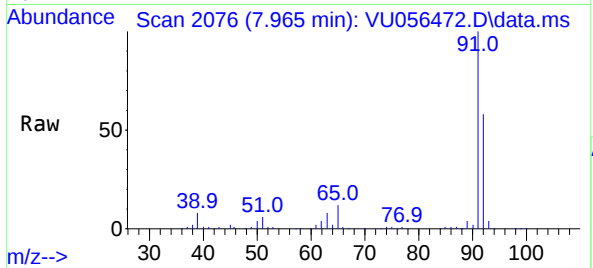




#42
Toluene
Concen: 5.348 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

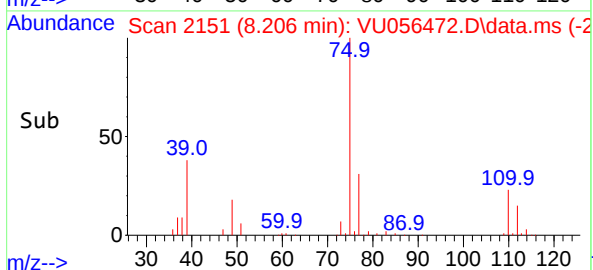
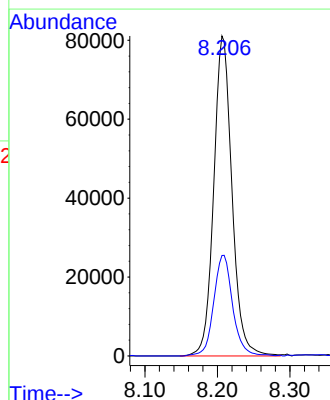
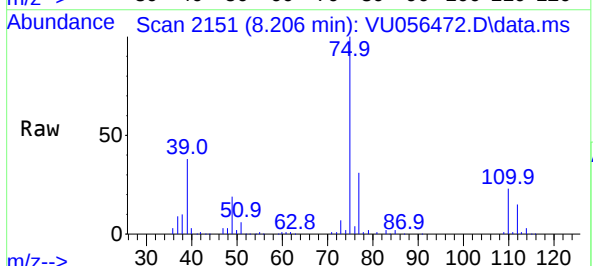
Instrument :
MSVOA_U
ClientSampleId :

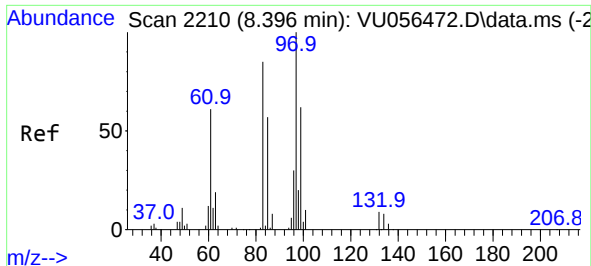
Tgt Ion: 91 Resp: 483471
Ion Ratio Lower Upper
91 100
92 58.4 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.317 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

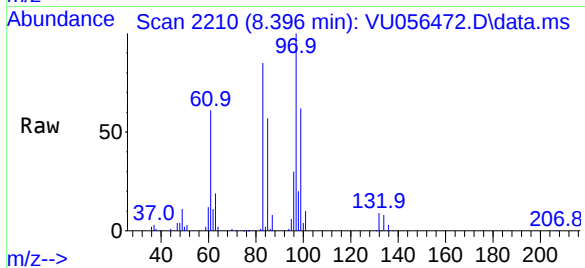
Tgt Ion: 75 Resp: 141844
Ion Ratio Lower Upper
75 100
77 31.4 22.8 42.4



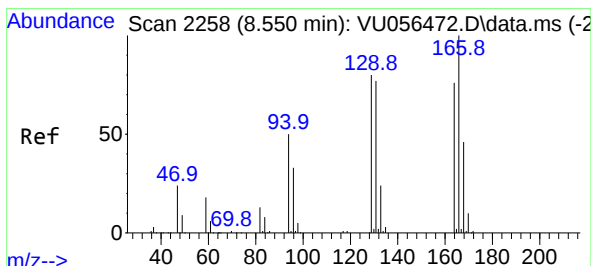
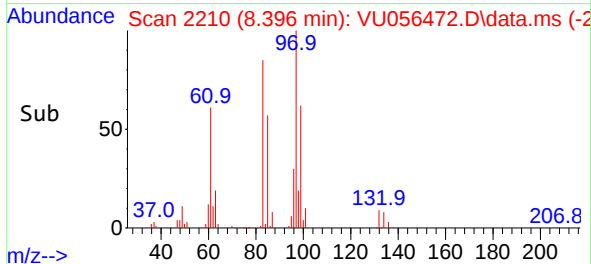
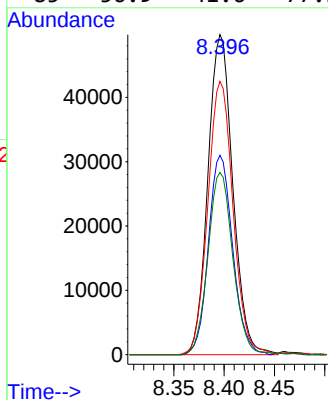


#45
1,1,2-Trichloroethane
Concen: 5.655 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Instrument :
MSVOA_U
ClientSampleId :

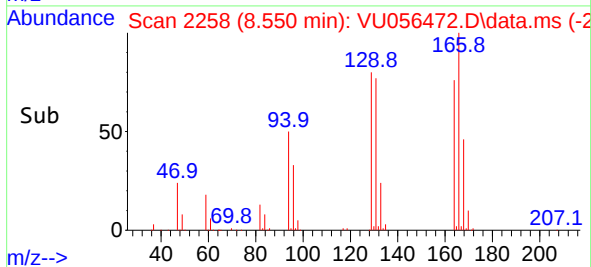
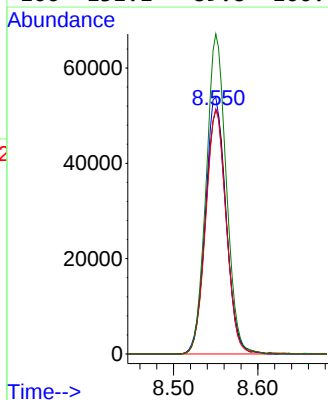
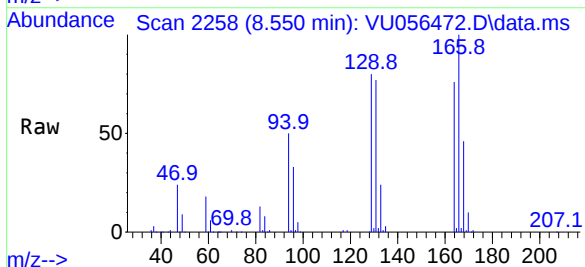


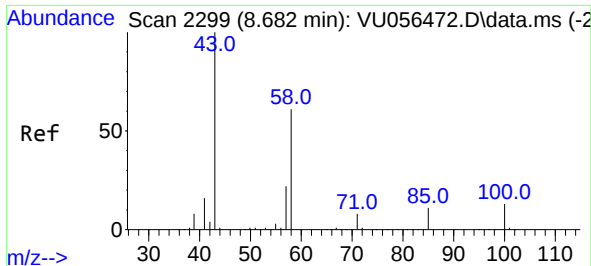
Tgt Ion:	97	Resp:	85758
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.3	82.3
83	85.4	65.4	121.4
85	56.9	41.6	77.3



#47
Tetrachloroethene
Concen: 5.547 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

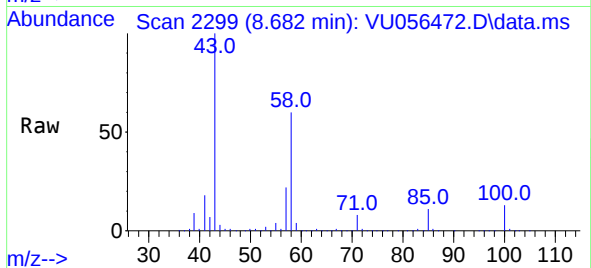
Tgt Ion:	164	Resp:	88988
Ion	Ratio	Lower	Upper
164	100		
129	105.2	71.0	131.9
131	100.4	70.3	130.7
166	131.1	89.8	166.8



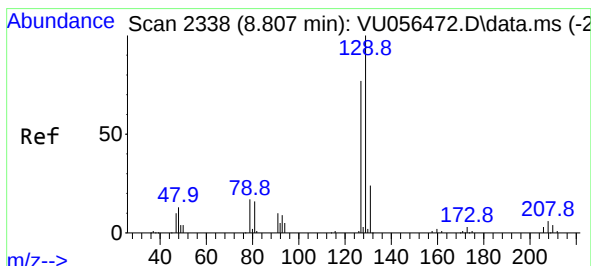
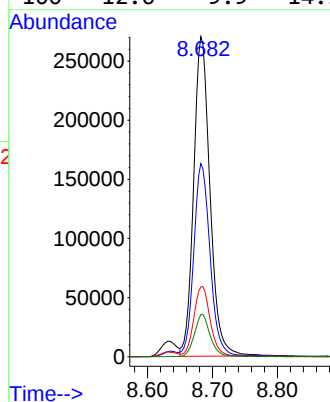
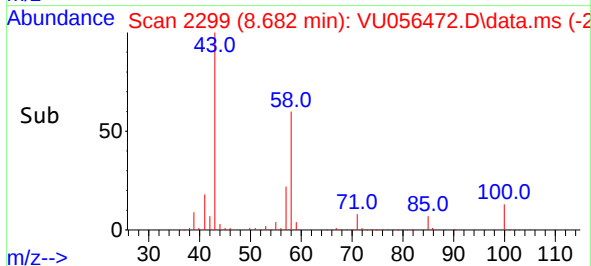


#48
2-Hexanone
Concen: 53.936 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Instrument :
MSVOA_U
ClientSampleId :

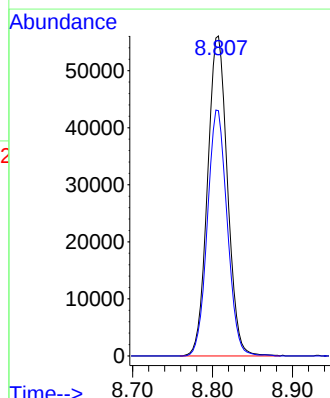
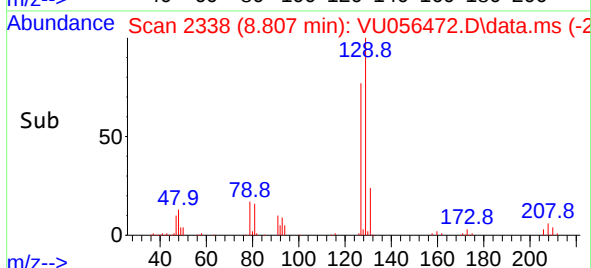
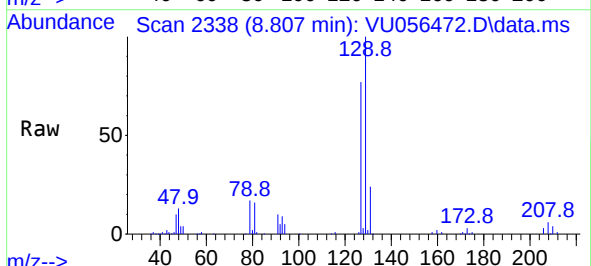


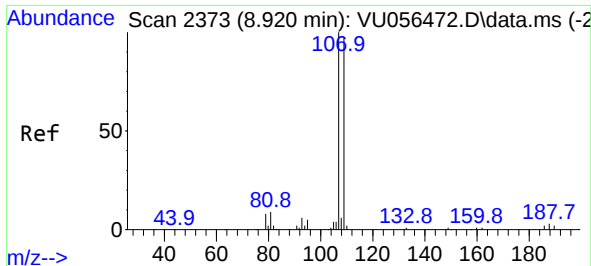
Tgt Ion: 43 Resp: 474315
Ion Ratio Lower Upper
43 100
58 60.3 48.7 73.1
57 21.9 16.8 25.2
100 12.6 9.9 14.9



#49
Dibromochloromethane
Concen: 5.631 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

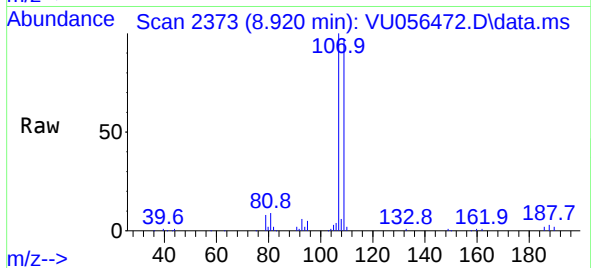
Tgt Ion: 129 Resp: 97111
Ion Ratio Lower Upper
129 100
127 76.7 52.9 98.3



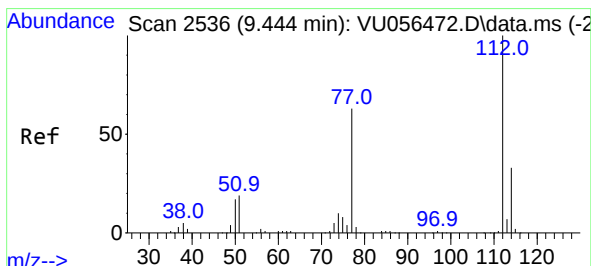
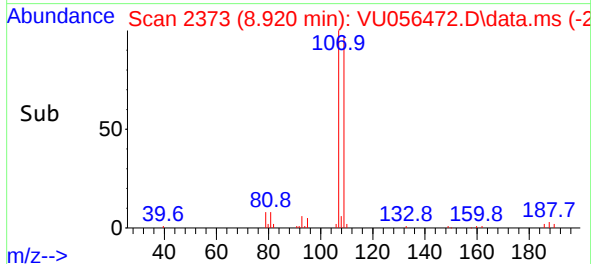
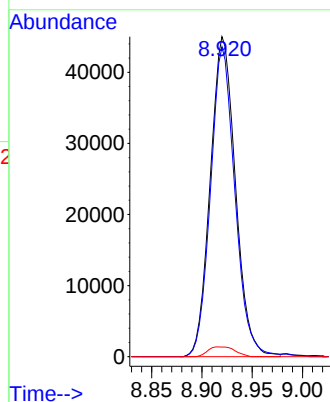


#50
1,2-Dibromoethane
Concen: 5.475 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Instrument :
MSVOA_U
ClientSampleId :

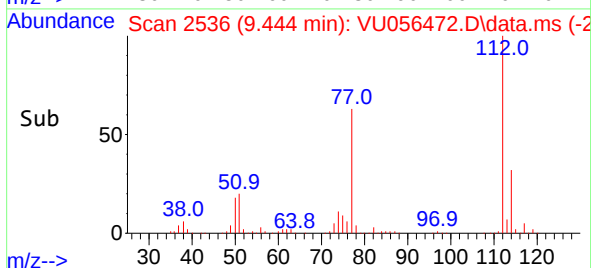
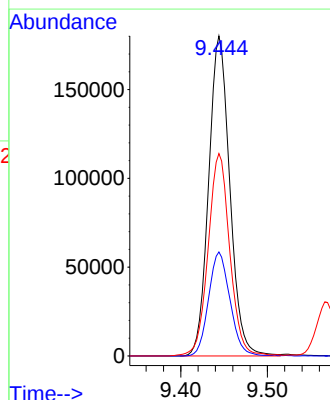
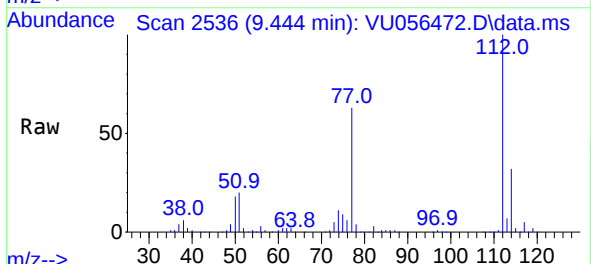


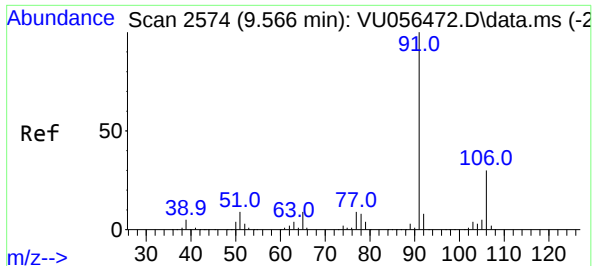
Tgt Ion:107 Resp: 78385
Ion Ratio Lower Upper
107 100
109 96.9 64.2 119.2
188 3.0 2.6 4.0



#51
Chlorobenzene
Concen: 5.270 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion:112 Resp: 306122
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.7
77 63.3 51.7 77.5

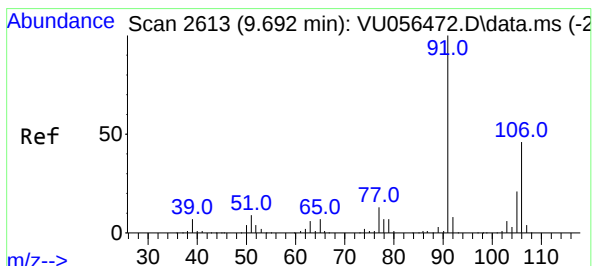
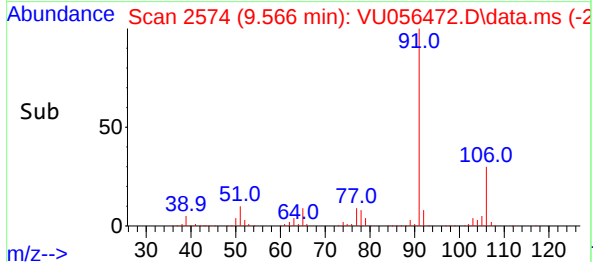
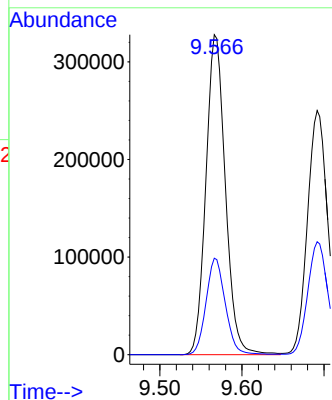
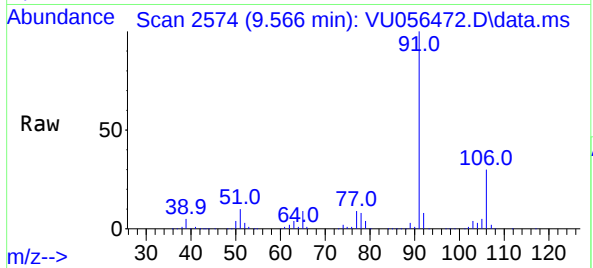




#52
Ethylbenzene
Concen: 5.378 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

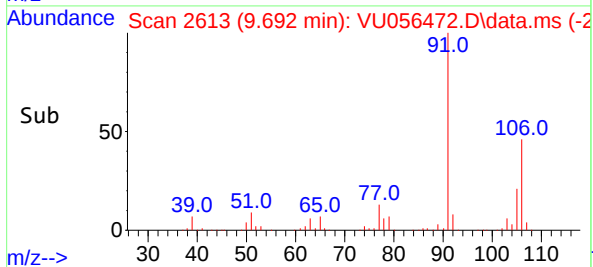
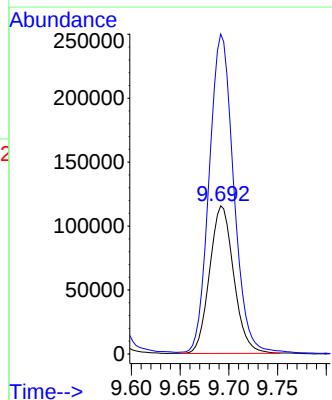
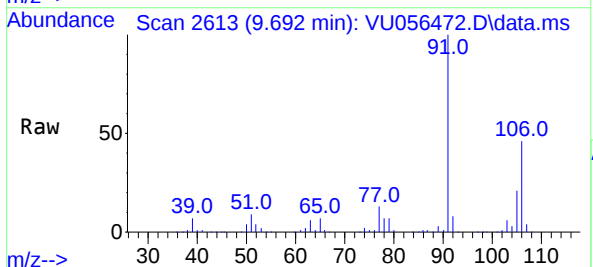
Instrument :
MSVOA_U
ClientSampleId :

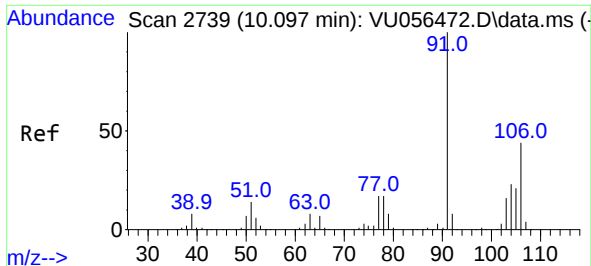
Tgt Ion: 91 Resp: 539871
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 5.386 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 106 Resp: 198771
Ion Ratio Lower Upper
106 100
91 216.0 149.6 277.8

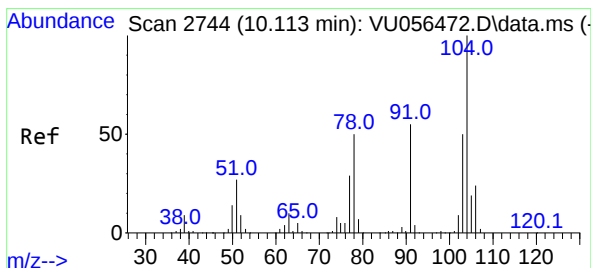
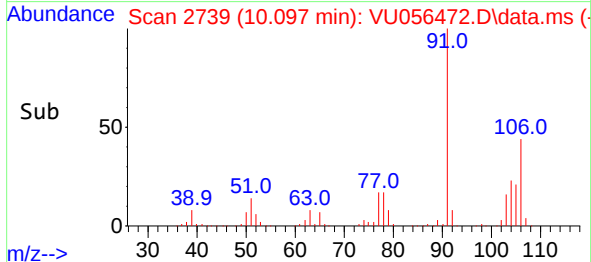
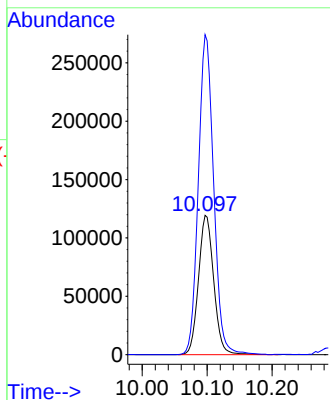
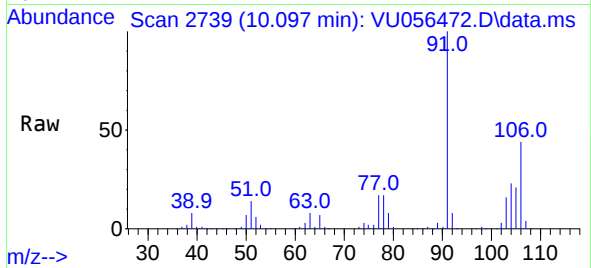




#54
o-Xylene
Concen: 5.443 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

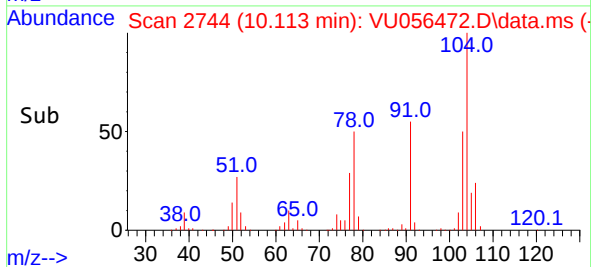
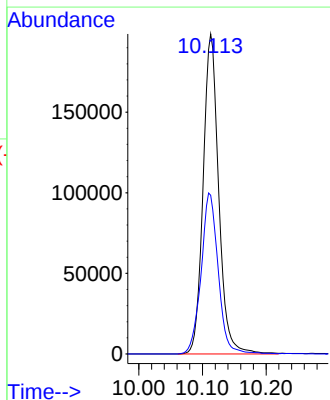
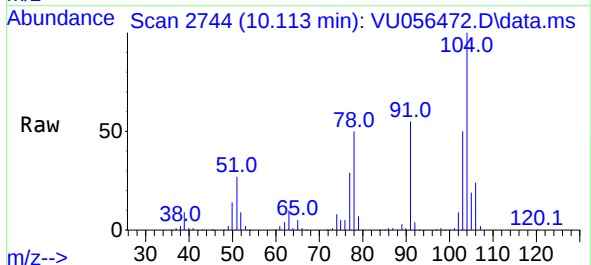
Instrument :
MSVOA_U
ClientSampleId :

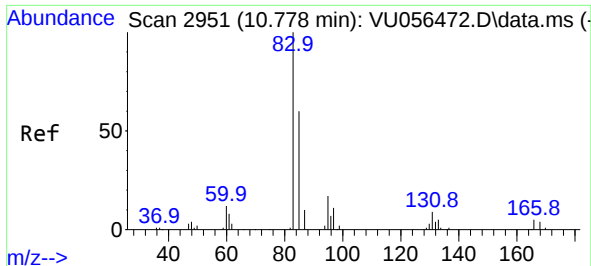
Tgt Ion:106 Resp: 195109
Ion Ratio Lower Upper
106 100
91 229.7 159.3 295.9



#55
Styrene
Concen: 5.664 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion:104 Resp: 337740
Ion Ratio Lower Upper
104 100
78 49.6 34.2 63.6

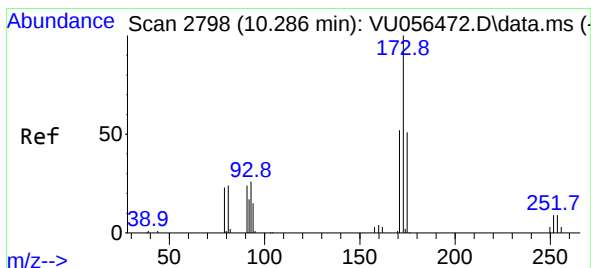
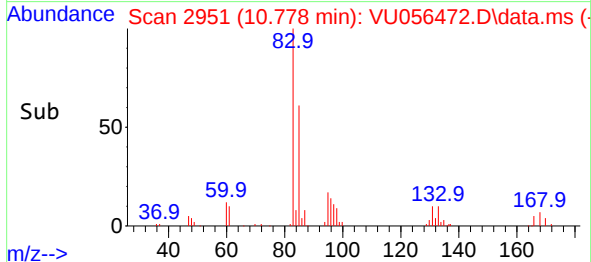
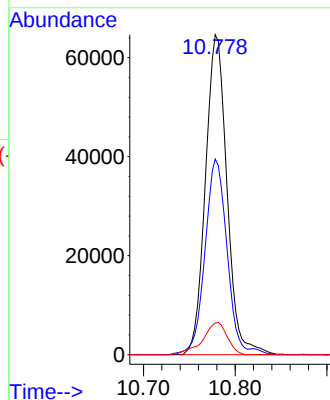
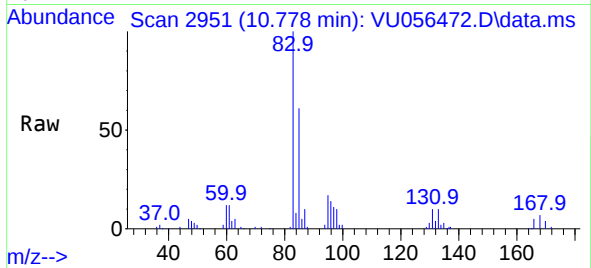




#57
1,1,2,2-Tetrachloroethane
Concen: 5.697 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

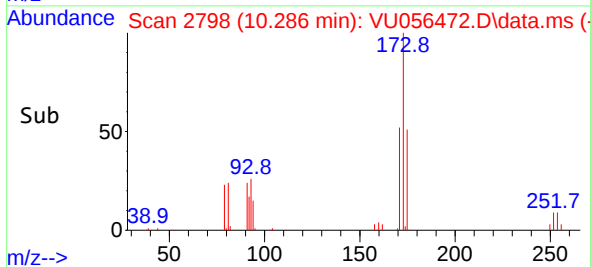
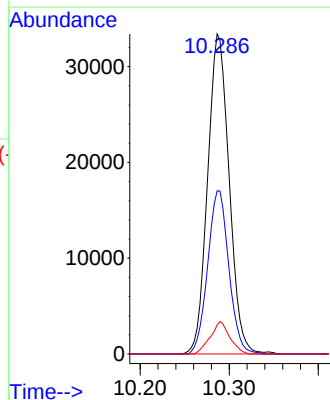
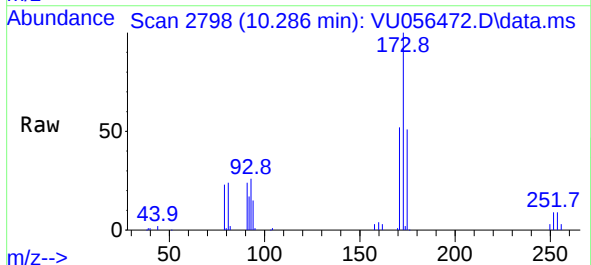
Instrument :
MSVOA_U
ClientSampleId :

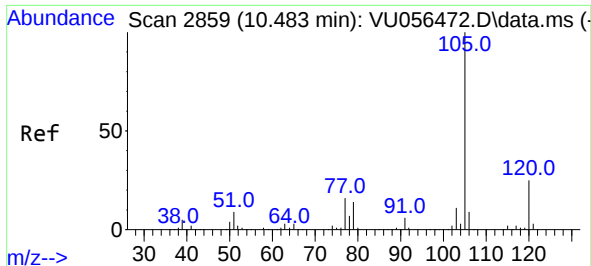
Tgt Ion: 83 Resp: 105500
Ion Ratio Lower Upper
83 100
85 61.2 46.3 86.1
131 9.9 6.7 10.1



#59
Bromoform
Concen: 5.802 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion:173 Resp: 56047
Ion Ratio Lower Upper
173 100
175 50.0 38.9 58.3
254 9.2 6.7 10.1

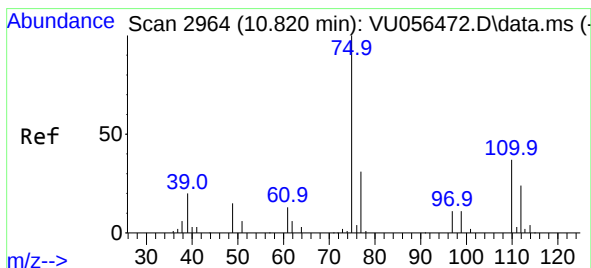
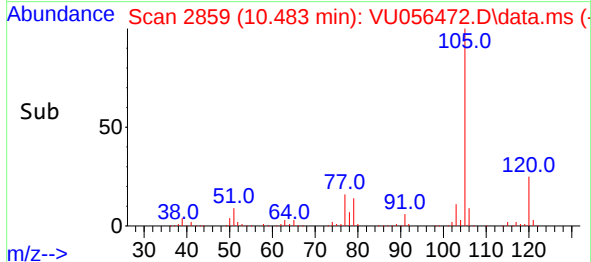
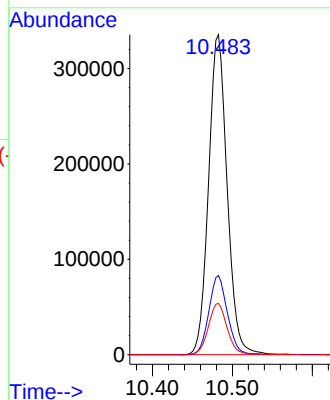
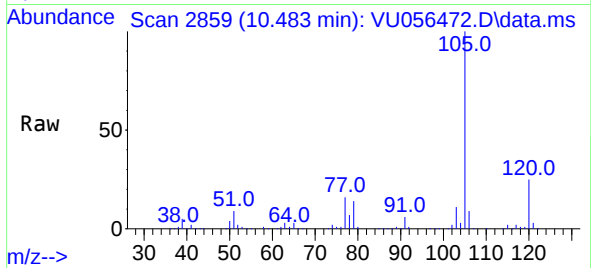




#60
Isopropylbenzene
Concen: 5.407 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

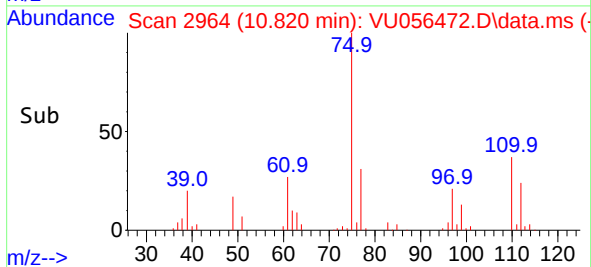
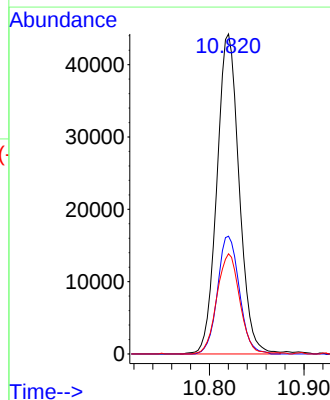
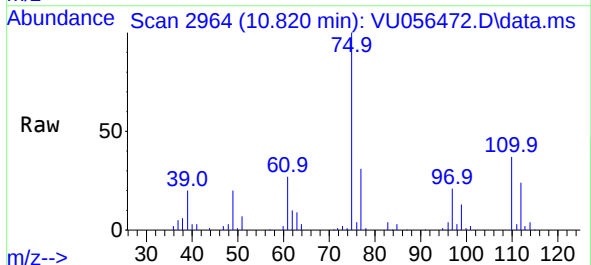
Instrument :
MSVOA_U
ClientSampleId :

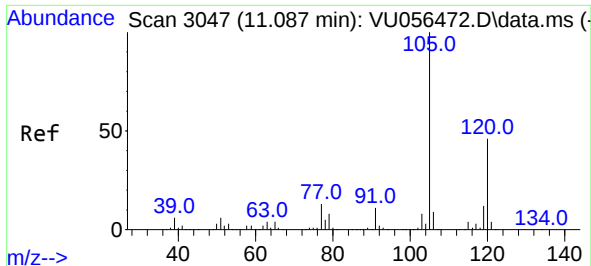
Tgt Ion:105 Resp: 540733
Ion Ratio Lower Upper
105 100
120 24.8 20.4 30.6
77 16.2 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.430 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion: 75 Resp: 72254
Ion Ratio Lower Upper
75 100
110 36.2 30.4 45.6
77 32.2 27.0 40.6

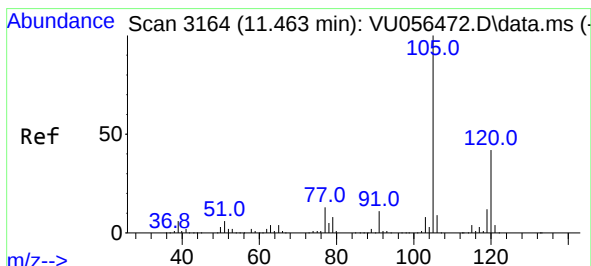
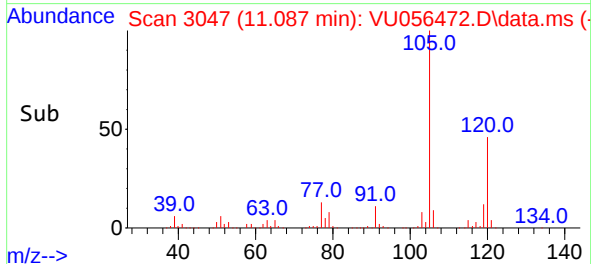
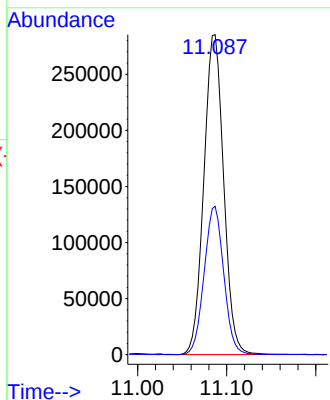
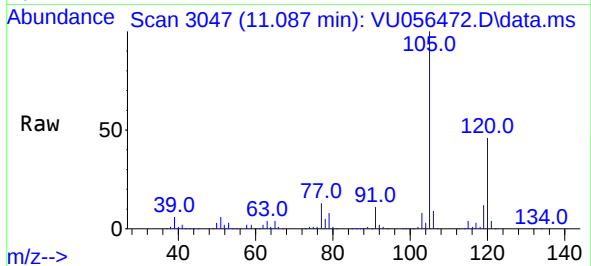




#62
1,3,5-Trimethylbenzene
Concen: 5.368 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

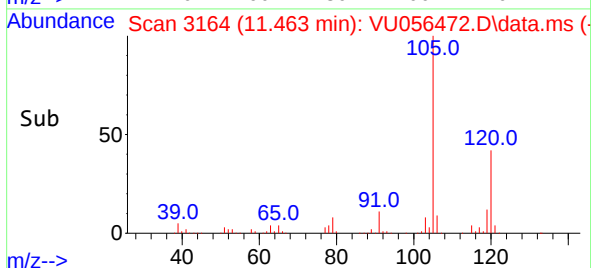
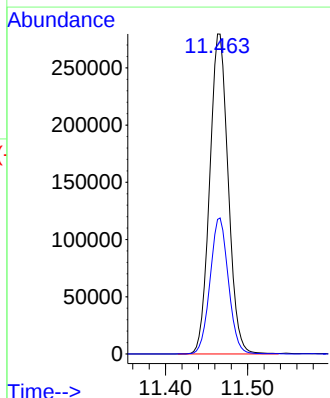
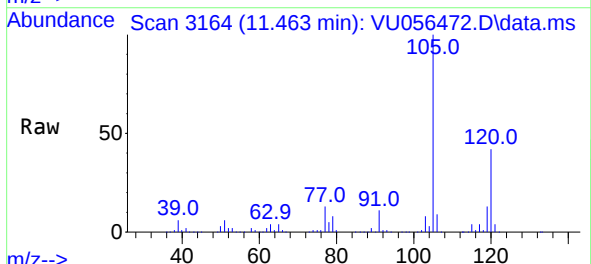
Instrument :
MSVOA_U
ClientSampleId :

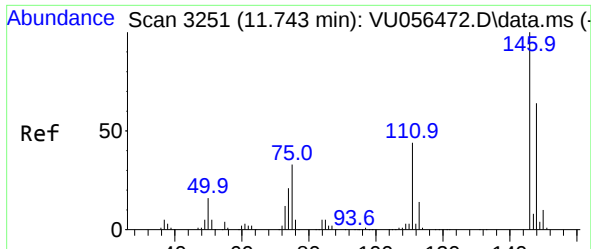
Tgt Ion:105 Resp: 440808
Ion Ratio Lower Upper
105 100
120 46.0 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.401 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

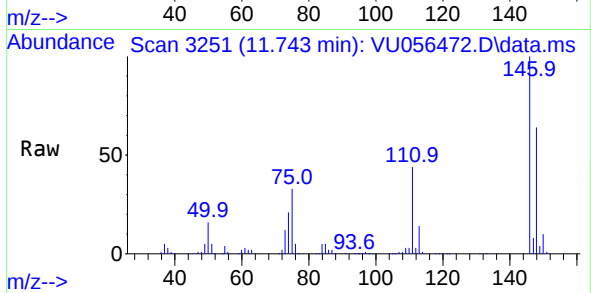
Tgt Ion:105 Resp: 437785
Ion Ratio Lower Upper
105 100
120 42.1 34.0 51.0



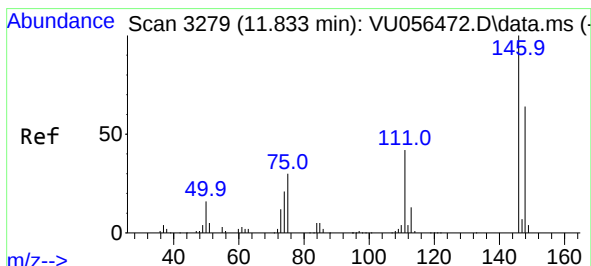
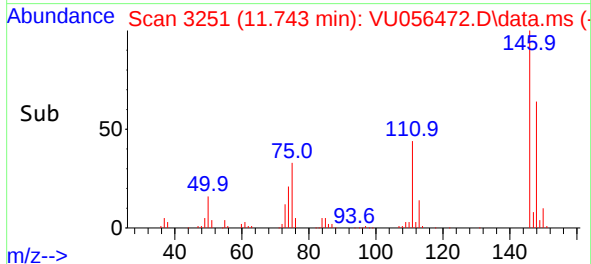
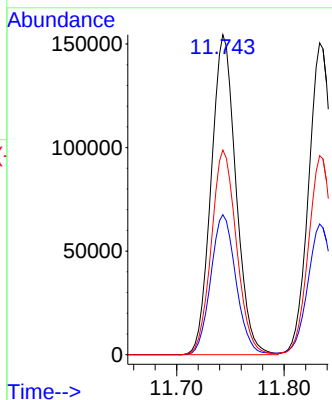


#64
1,3-Dichlorobenzene
Concen: 5.439 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Instrument :
MSVOA_U
ClientSampleId :

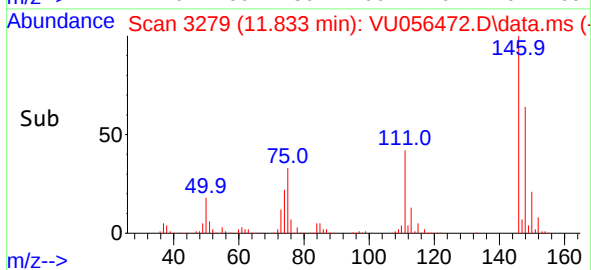
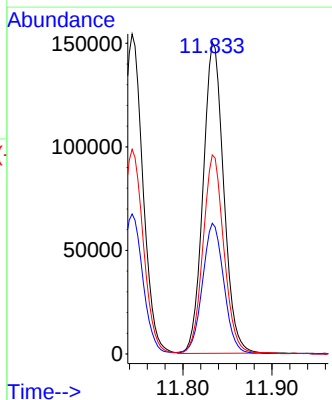
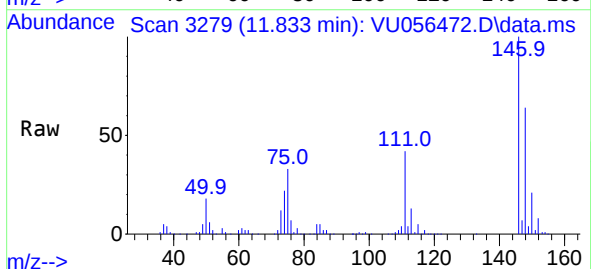


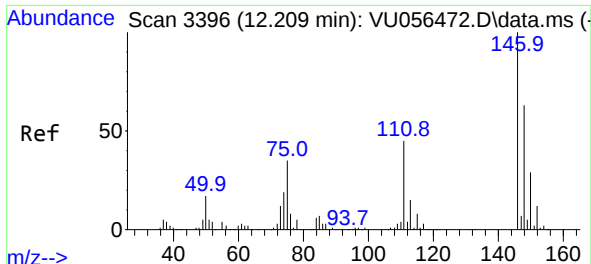
Tgt Ion:146 Resp: 247423
Ion Ratio Lower Upper
146 100
111 43.8 31.1 57.7
148 64.0 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.285 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion:146 Resp: 241179
Ion Ratio Lower Upper
146 100
111 41.9 30.5 56.7
148 63.8 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.404 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056472.D

Acq: 18 Nov 2023 10:33

Instrument :

MSVOA_U

ClientSampleId :

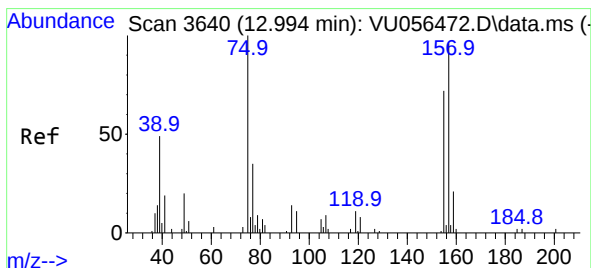
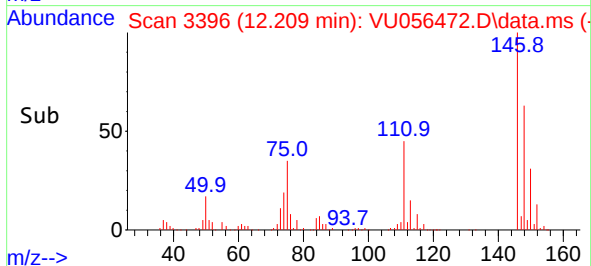
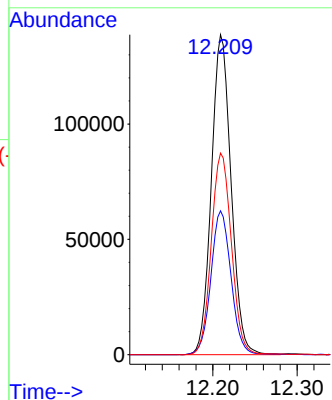
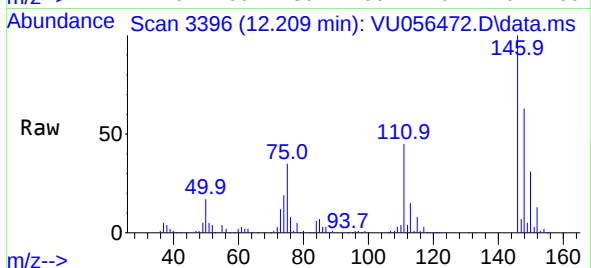
Tgt Ion:146 Resp: 225555

Ion Ratio Lower Upper

146 100

111 44.9 38.3 57.5

148 63.0 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.046 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056472.D

Acq: 18 Nov 2023 10:33

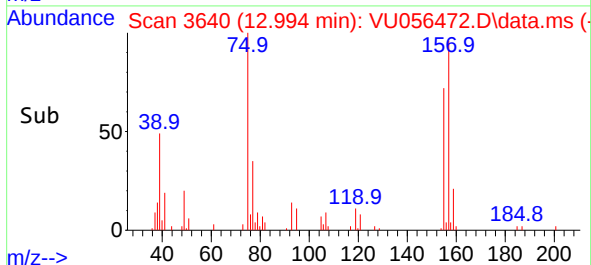
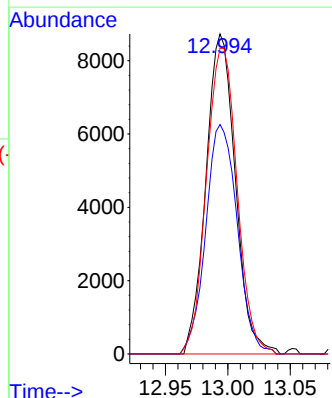
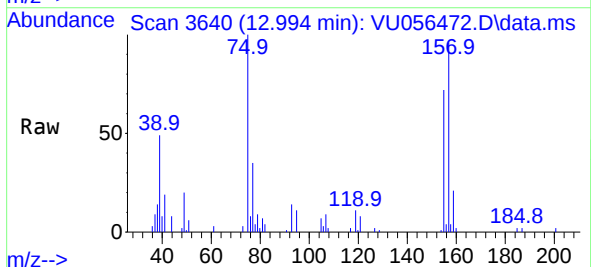
Tgt Ion: 75 Resp: 14340

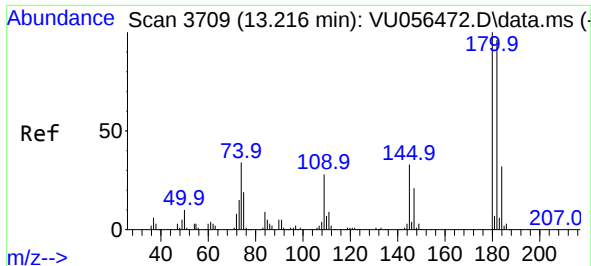
Ion Ratio Lower Upper

75 100

155 71.7 62.4 93.6

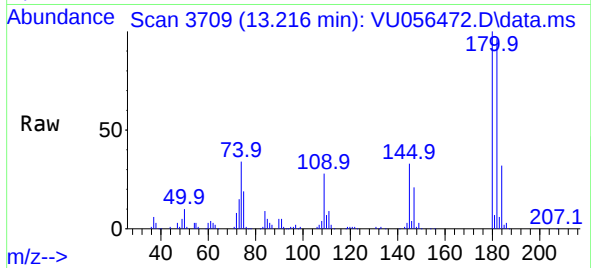
157 95.6 80.2 120.2





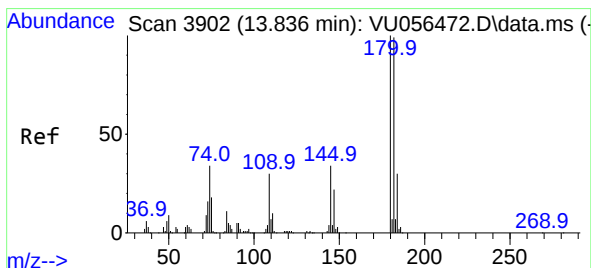
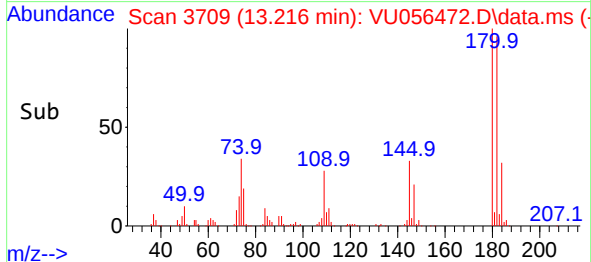
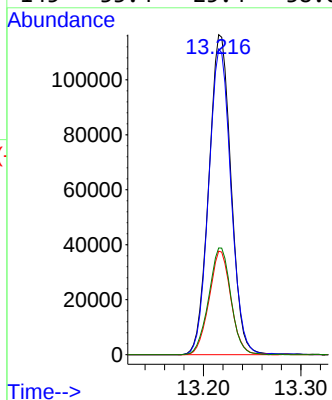
#69
 1,3,5-Trichlorobenzene
 Concen: 5.365 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. -0.000 min
 Lab File: VU056472.D
 Acq: 18 Nov 2023 10:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 183770

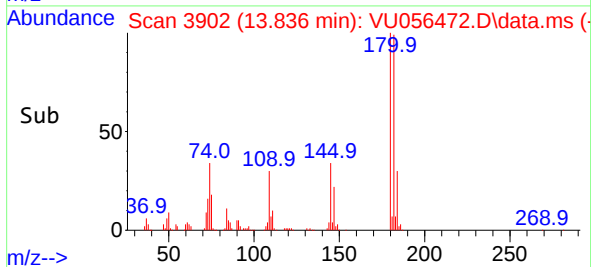
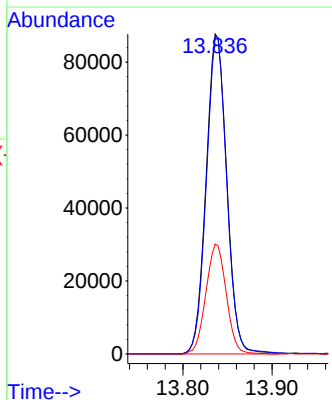
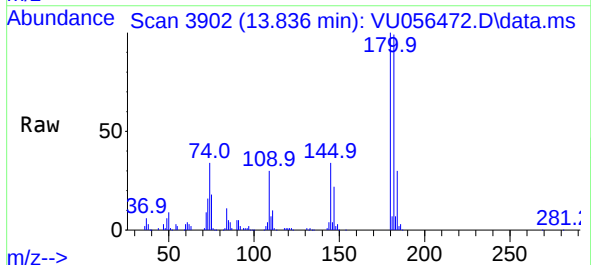
Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.1	112.7
184	31.8	23.5	35.3
145	33.4	25.4	38.0

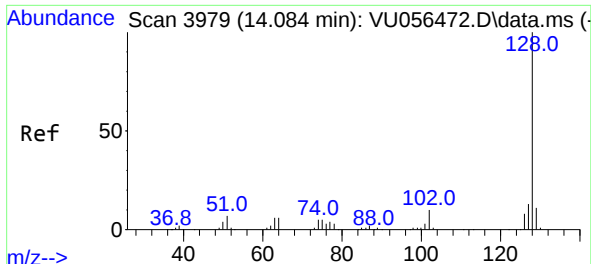


#70
 1,2,4-trichlorobenzene
 Concen: 5.064 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU056472.D
 Acq: 18 Nov 2023 10:33

Tgt Ion:180 Resp: 141266

Ion	Ratio	Lower	Upper
180	100		
182	97.9	75.4	113.2
145	33.8	26.8	40.2

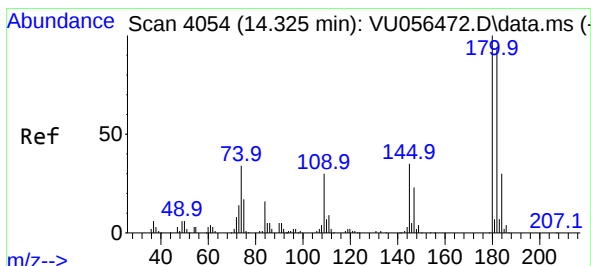
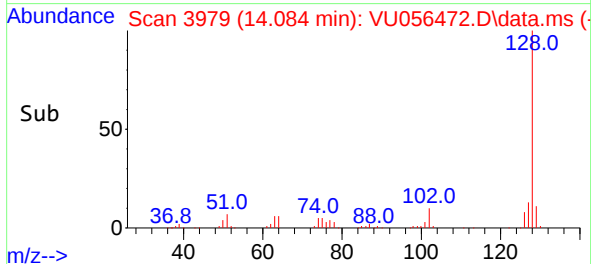
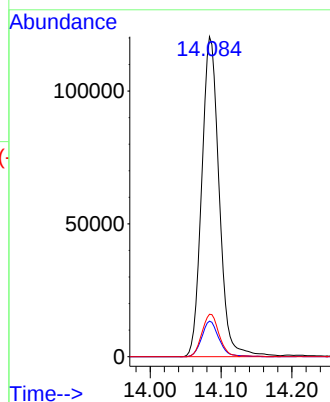
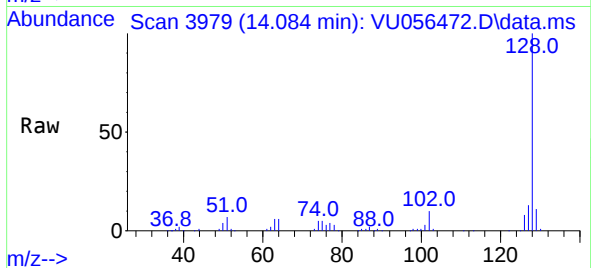




#71
Naphthalene
Concen: 4.878 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 205623
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.242 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056472.D
Acq: 18 Nov 2023 10:33

Tgt Ion:180 Resp: 120475
Ion Ratio Lower Upper
180 100
182 95.7 78.6 117.8
145 35.4 29.0 43.6

