

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047652.D
 Acq On : 24 Mar 2022 23:01
 Operator : SY/MD
 Sample : N2081-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X8

Quant Time: Mar 25 05:29:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

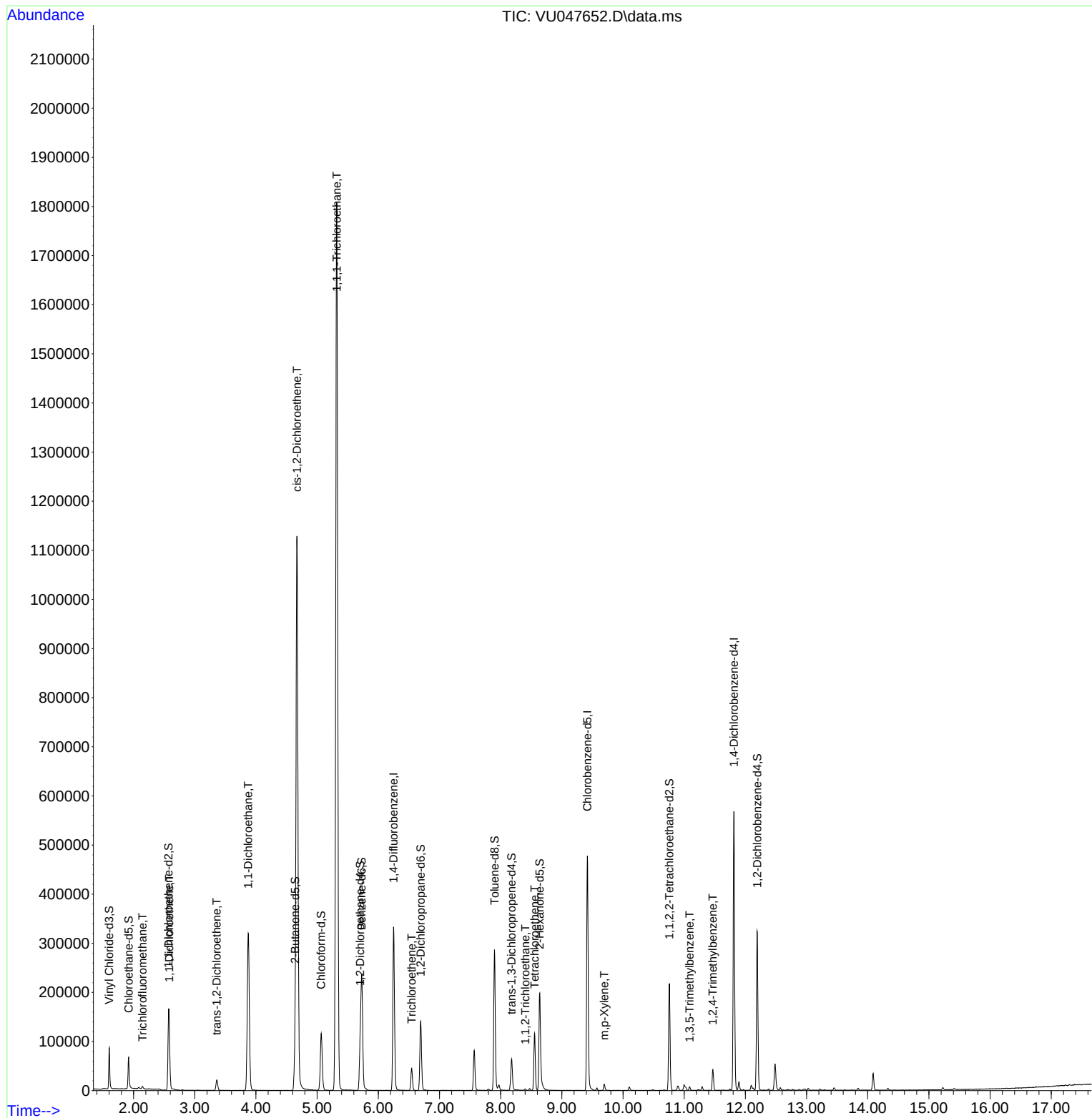
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	281413	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	282033	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59451	29.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.260%#
7) Chloroethane-d5	1.919	69	47423	29.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.940%#
11) 1,1-Dichloroethene-d2	2.572	63	87982	23.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.120%#
21) 2-Butanone-d5	4.639	46	113318	64.695	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.690%
24) Chloroform-d	5.067	84	107899	28.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.800%#
26) 1,2-Dichloroethane-d4	5.703	65	70269	30.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.360%#
32) Benzene-d6	5.729	84	220588	31.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.160%#
36) 1,2-Dichloropropane-d6	6.694	67	68686	31.515	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	63.020%#
41) Toluene-d8	7.899	98	195482	28.272	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	56.540%#
43) trans-1,3-Dichloroprop...	8.179	79	32635	29.556	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.120%#
47) 2-Hexanone-d5	8.636	63	73822	57.860	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	57.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	106101	28.367	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	56.740%#
66) 1,2-Dichlorobenzene-d4	12.195	152	88299	31.567	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.140%#
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.144	101	2685	0.748	ug/L	90
12) 1,1-Dichloroethene	2.585	96	20547	10.644	ug/L	# 48
17) trans-1,2-Dichloroethene	3.359	96	9636	4.628	ug/L	96
19) 1,1-Dichloroethane	3.874	63	369198	102.815	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	606043	265.503	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	1311188	410.007	ug/L	100
34) Trichloroethene	6.546	95	15260	7.130	ug/L	95
45) 1,1,2-Trichloroethane	8.404	97	1133	0.515	ug/L	94
46) Tetrachloroethene	8.555	164	27076	14.078	ug/L	95
53) m,p-Xylene	9.694	106	3783	1.024	ug/L	93
62) 1,3,5-Trimethylbenzene	11.089	105	4549	0.987	ug/L	95
63) 1,2,4-Trimethylbenzene	11.468	105	24188	3.454	ug/L	99

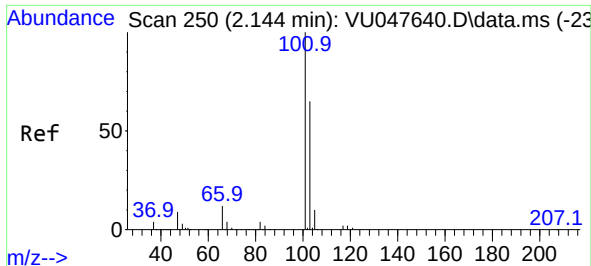
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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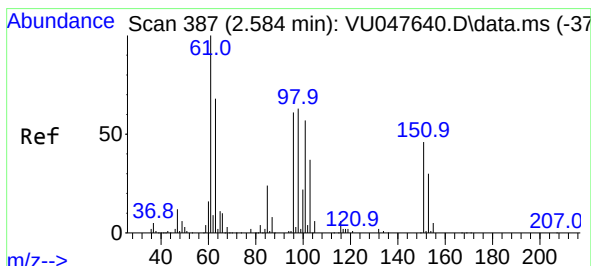
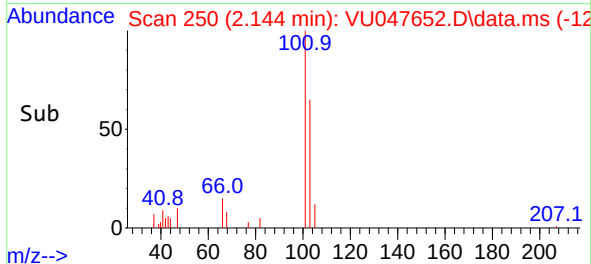
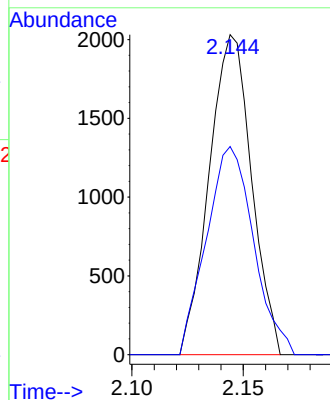
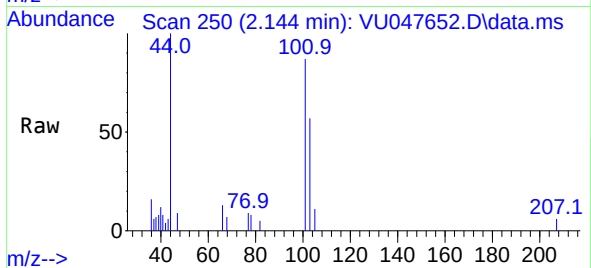




#9
Trichlorofluoromethane
Concen: 0.748 ug/L
RT: 2.144 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

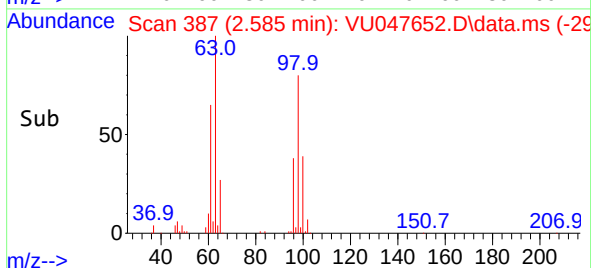
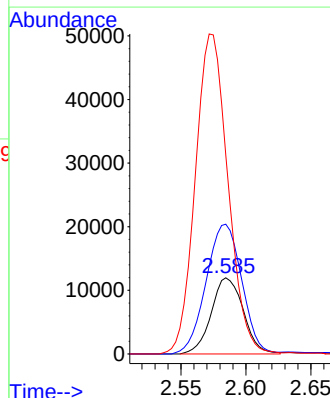
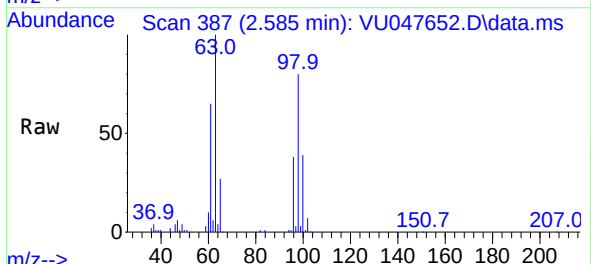
Instrument :
MSVOA_U
ClientSampleId :
EW5X8

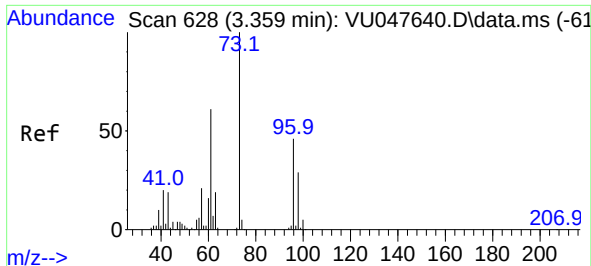
Tgt Ion:101 Resp: 2685
Ion Ratio Lower Upper
101 100
103 72.4 51.4 77.2



#12
1,1-Dichloroethene
Concen: 10.644 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

Tgt Ion: 96 Resp: 20547
Ion Ratio Lower Upper
96 100
61 170.6 113.1 210.1
63 261.2 94.8 176.0#

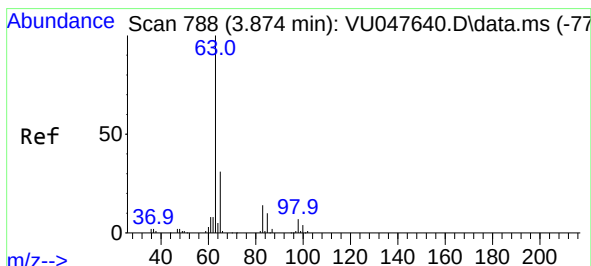
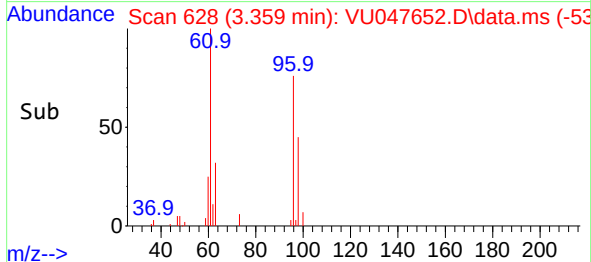
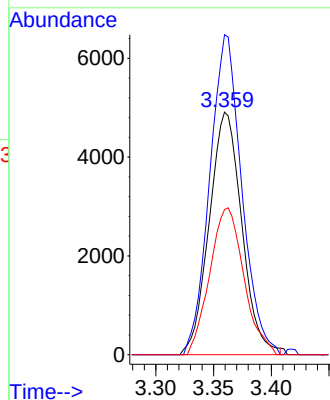
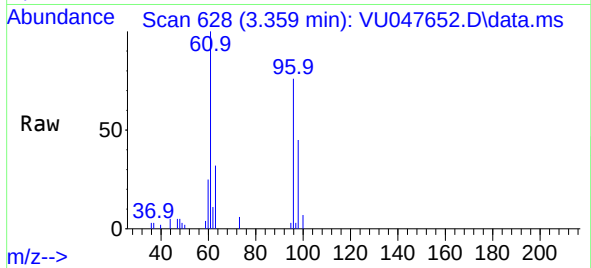




#17
trans-1,2-Dichloroethene
Concen: 4.628 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

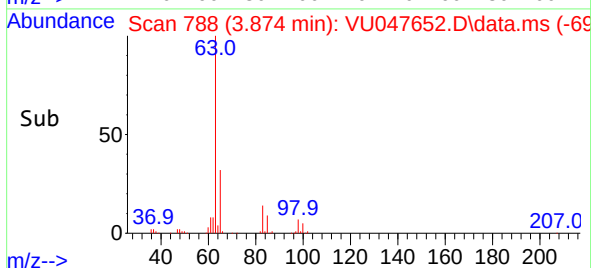
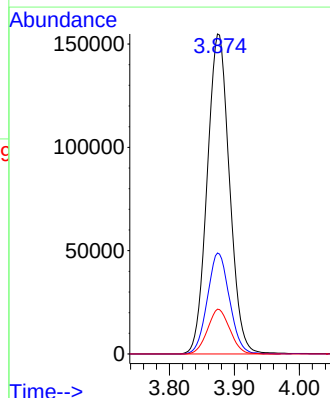
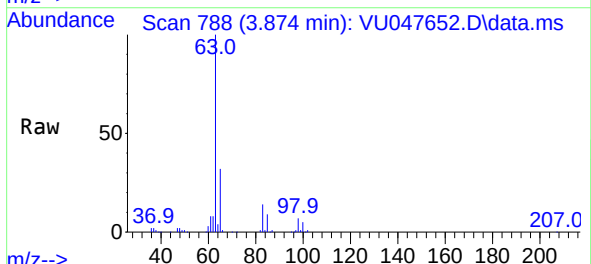
Instrument :
MSVOA_U
ClientSampleId :
EW5X8

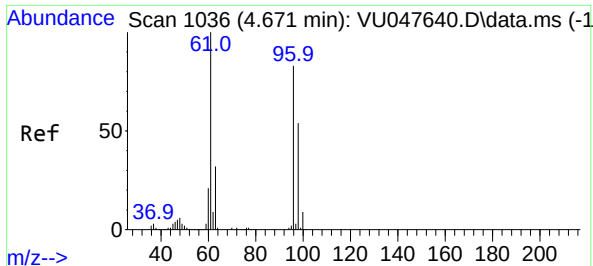
Tgt Ion: 96 Resp: 9636
Ion Ratio Lower Upper
96 100
61 131.9 88.4 164.2
98 59.9 43.3 80.5



#19
1,1-Dichloroethane
Concen: 102.815 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

Tgt Ion: 63 Resp: 369198
Ion Ratio Lower Upper
63 100
65 31.6 22.0 41.0
83 14.0 9.7 18.1

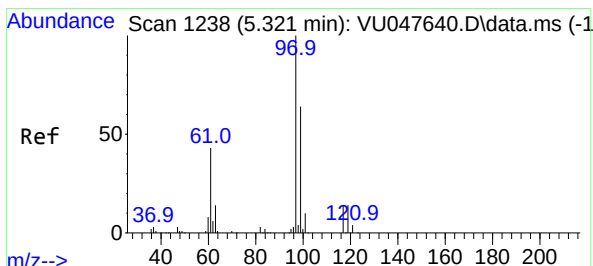
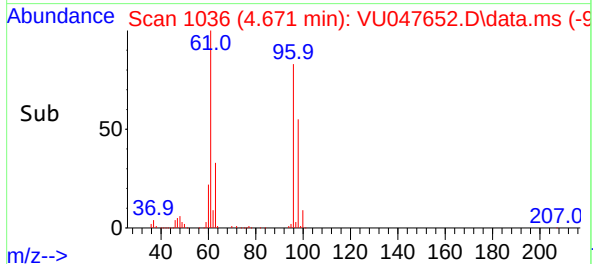
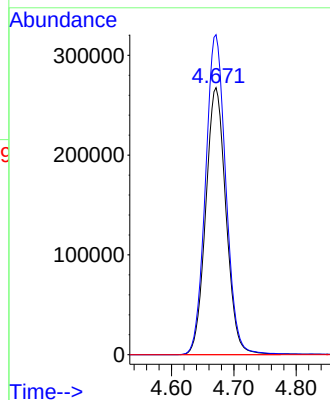
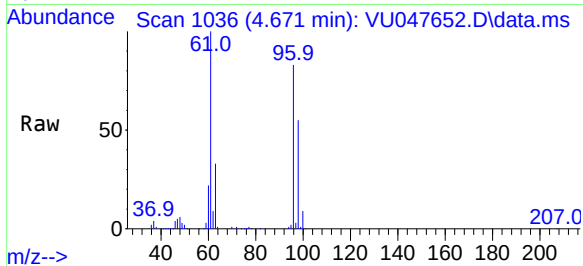




#20
cis-1,2-Dichloroethene
Concen: 265.503 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

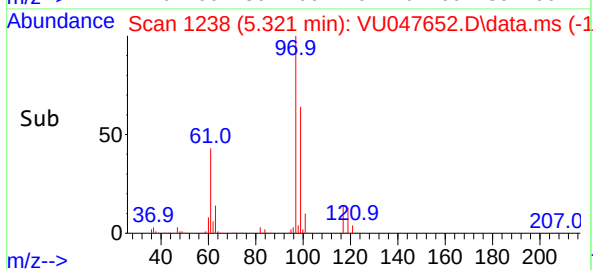
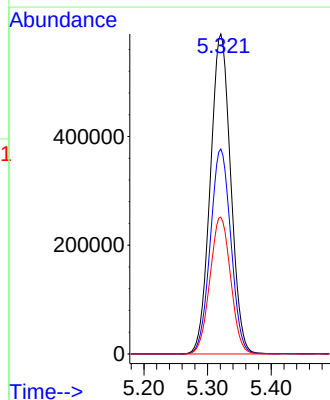
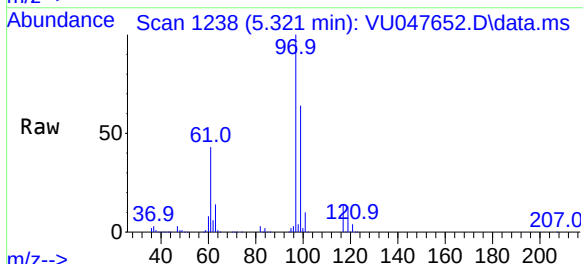
Instrument :
MSVOA_U
ClientSampleId :
EW5X8

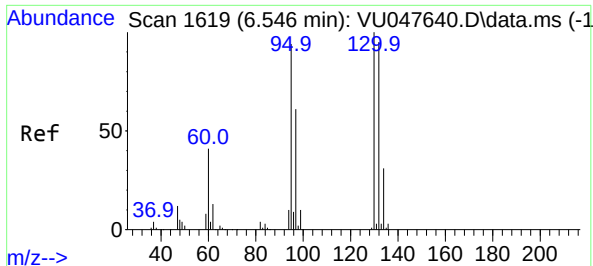
Tgt Ion: 96 Resp: 606043
Ion Ratio Lower Upper
96 100
61 119.8 80.7 149.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 410.007 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

Tgt Ion: 97 Resp: 1311188
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 43.3 34.2 51.4



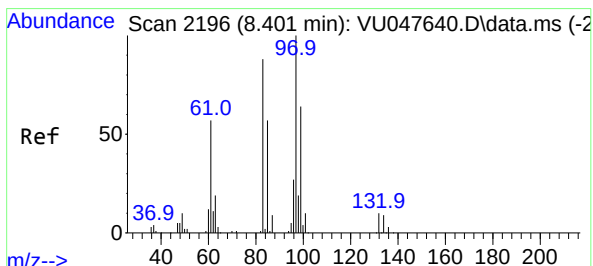
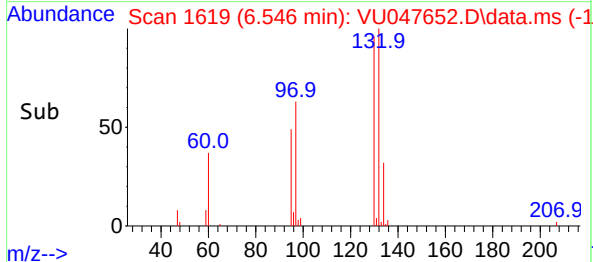
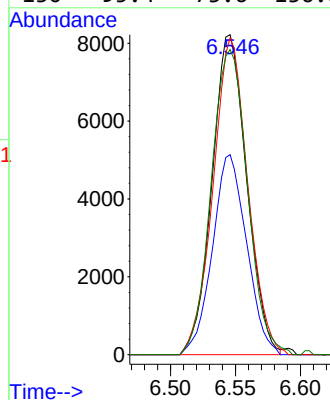
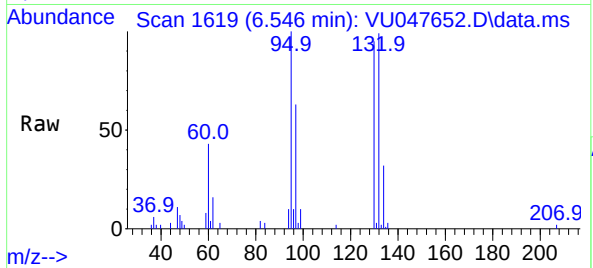


#34
Trichloroethene
Concen: 7.130 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

Instrument :
MSVOA_U
ClientSampleId :
EW5X8

Tgt Ion: 95 Resp: 15260

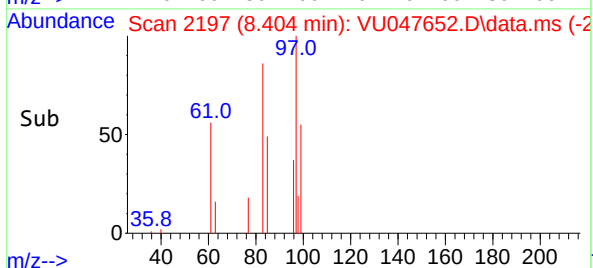
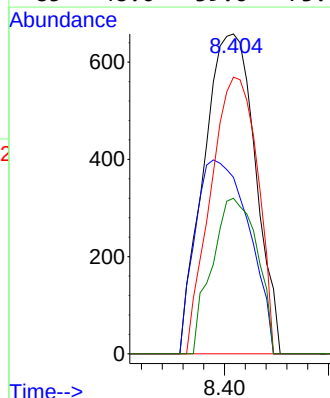
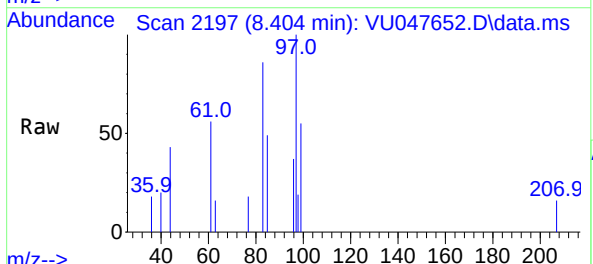
Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.7	82.9
132	99.0	70.4	130.8
130	95.4	73.6	136.8

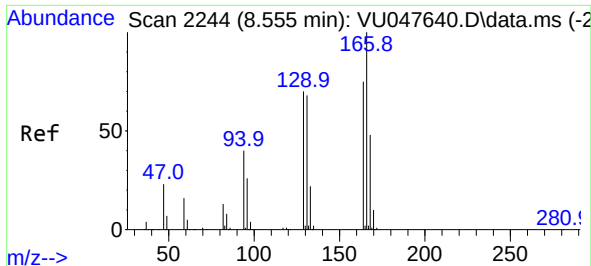


#45
1,1,2-Trichloroethane
Concen: 0.515 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

Tgt Ion: 97 Resp: 1133

Ion	Ratio	Lower	Upper
97	100		
99	55.2	43.3	80.3
83	86.5	61.0	113.4
85	48.6	39.6	73.6

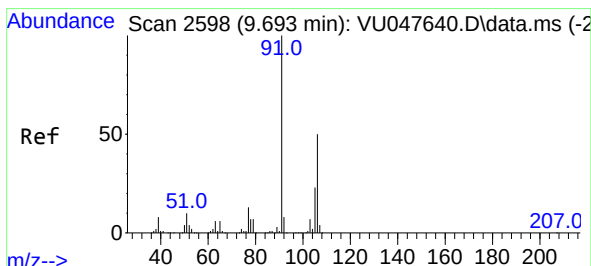
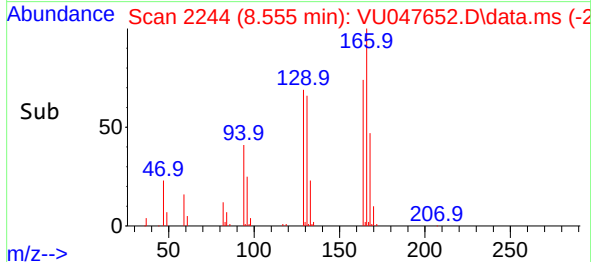
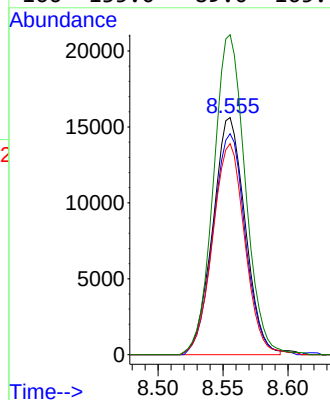
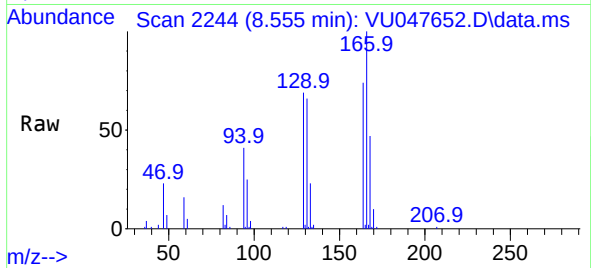




#46
Tetrachloroethene
Concen: 14.078 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

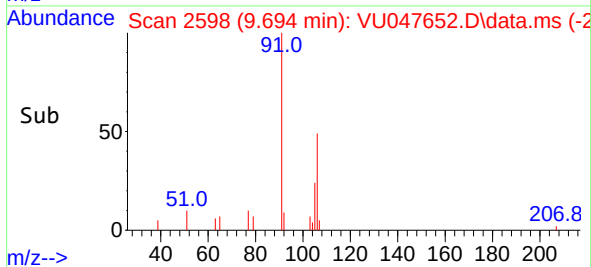
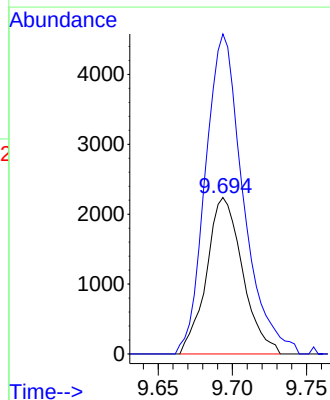
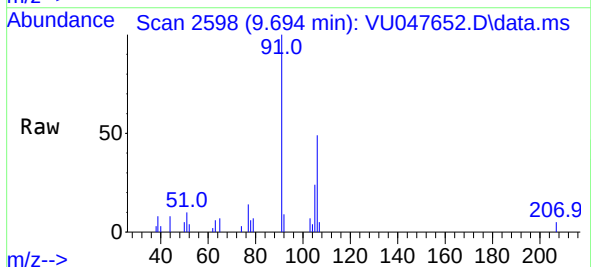
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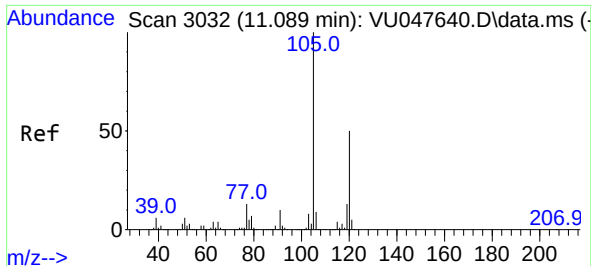
Tgt Ion:164 Resp: 27076
Ion Ratio Lower Upper
164 100
129 93.2 62.4 116.0
131 89.0 60.7 112.7
166 135.0 89.0 165.4



#53
m,p-Xylene
Concen: 1.024 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

Tgt Ion:106 Resp: 3783
Ion Ratio Lower Upper
106 100
91 186.6 137.7 255.7

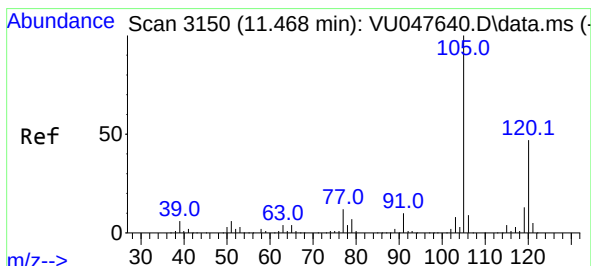
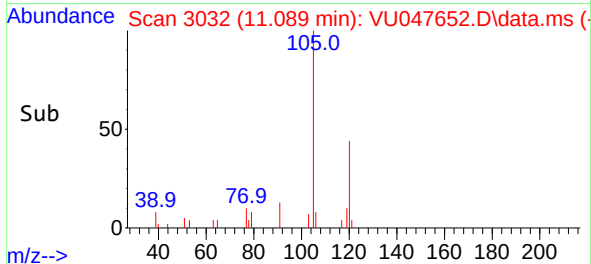
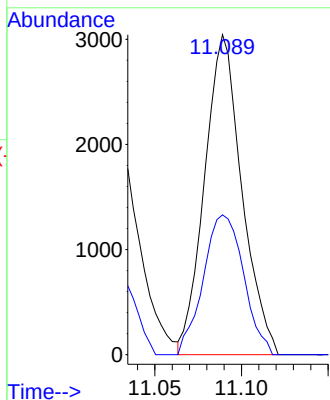
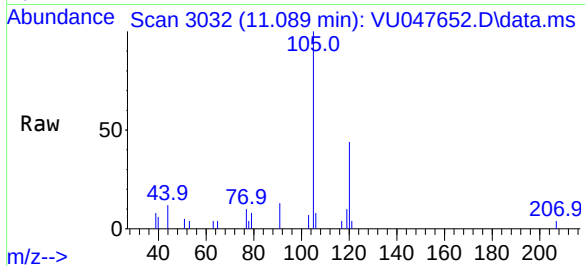




#62
1,3,5-Trimethylbenzene
Concen: 0.987 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

Instrument :
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Tgt Ion:105 Resp: 4549
Ion Ratio Lower Upper
105 100
120 47.3 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 3.454 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047652.D
Acq: 24 Mar 2022 23:01

Tgt Ion:105 Resp: 24188
Ion Ratio Lower Upper
105 100
120 46.2 37.6 56.4

