

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042025.D
 Acq On : 14 Jan 2021 11:27
 Operator : SY/MD
 Sample : M1049-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ7

Quant Time: Jan 15 05:21:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	126667	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	112077	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	49550	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38484	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.919	69	40614	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.575	63	59844	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.658	46	148408	46.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.54%
24) Chloroform-d	5.079	84	91945	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.716	65	48724	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.742	84	163955	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.703	67	55047	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.906	98	141686	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloroprop...	8.182	79	21074	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.642	63	108795	44.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.86%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	41355	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	44913	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	1827	0.12	ug/L	93
9) Trichlorofluoromethane	2.147	101	240502	12.72	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	585	0.06	ug/L #	21
21) 2-Butanone	4.825	43	34376	10.76	ug/L #	47
22) cis-1,2-Dichloroethene	4.681	96	13569	1.29	ug/L	81
25) Chloroform	5.102	83	4475	0.23	ug/L	91
31) Carbon tetrachloride	5.539	117	4802	0.34	ug/L	99
34) Trichloroethene	6.552	95	360185	34.74	ug/L	98
35) Methylcyclohexane	6.703	83	12732	0.77	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	6043	0.56	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1426	0.09	ug/L #	57
44) trans-1,3-Dichloropropene	8.185	75	804	0.06	ug/L	89
45) 1,1,2-Trichloroethane	8.404	97	1104	0.15	ug/L #	78
47) Tetrachloroethene	8.558	164	279391	41.60	ug/L	97
49) Dibromochloromethane	8.558	129	276489	33.32	ug/L #	11
51) Chlorobenzene	9.452	112	1306	0.05	ug/L	95
56) Isopropylbenzene	10.478	105	1161	0.03	ug/L #	85
59) 1,2,3-Trichloropropane	11.809	75	5914	0.83	ug/L	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

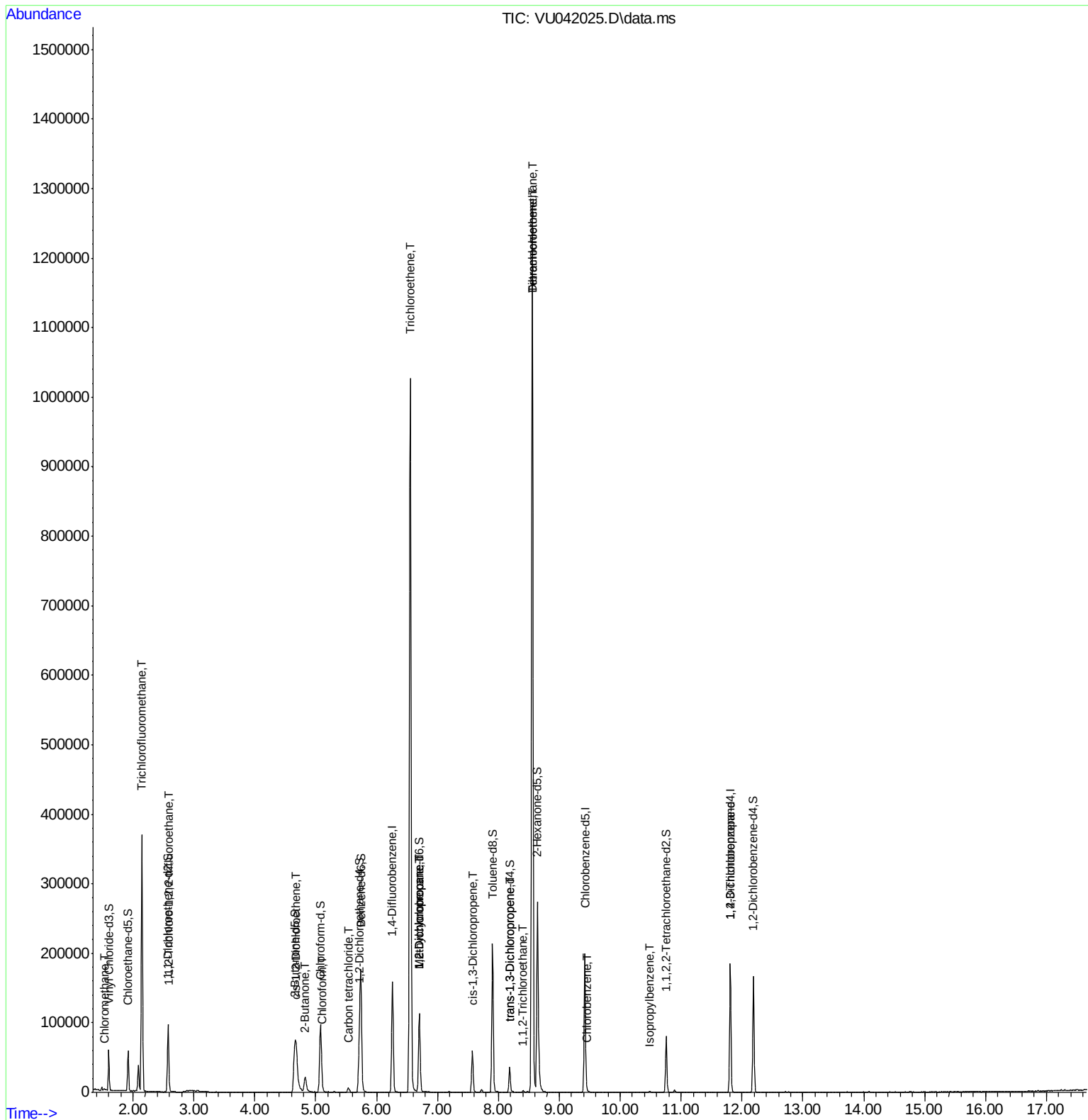
Instrument :
MSVOA_U
ClientSampleId :
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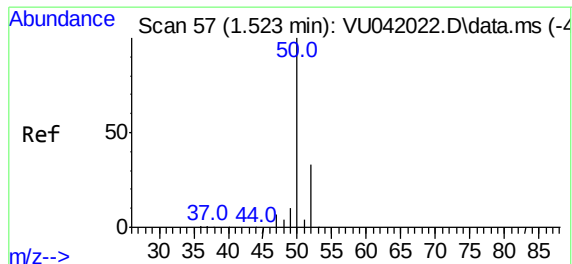
Quant Time: Jan 15 05:21:58 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 05:20:45 2021
Response via : Initial Calibration

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

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

Quant Time: Jan 15 05:21:58 2021
Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 05:20:45 2021
Response via : Initial Calibration

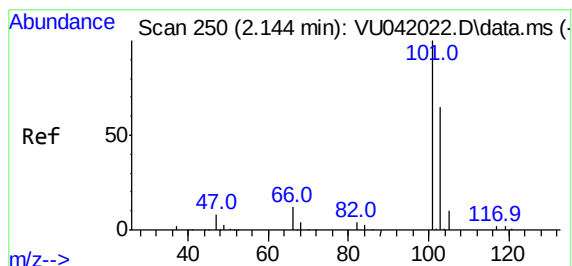
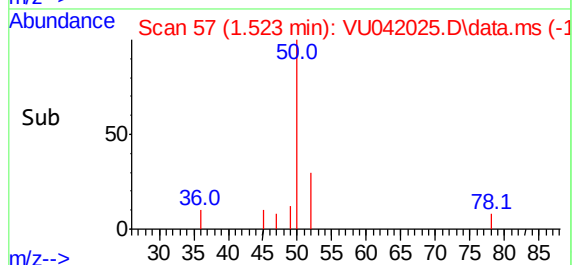
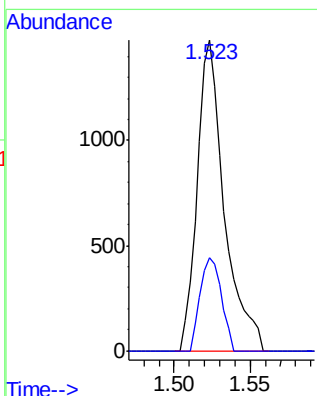
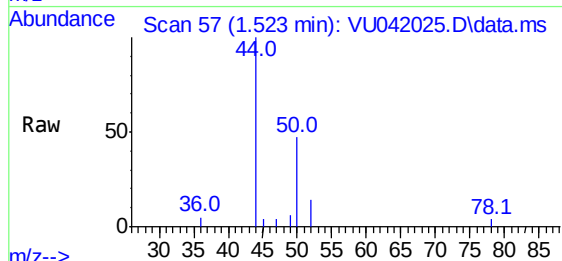




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

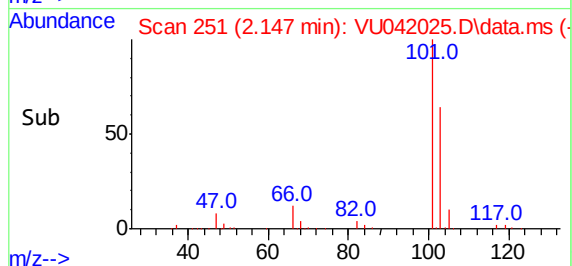
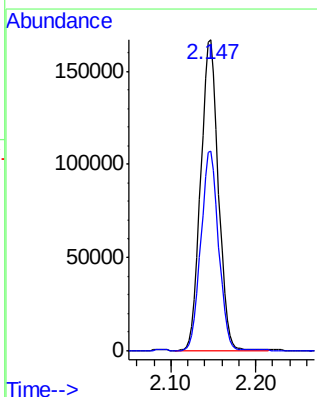
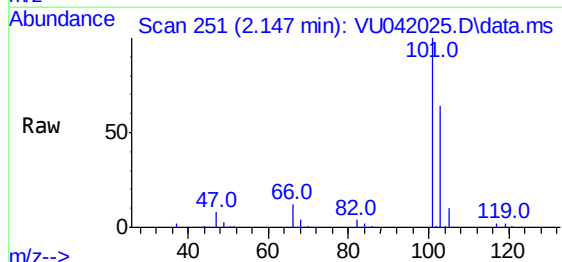
Instrument :
MSVOA_U
ClientSampleId :
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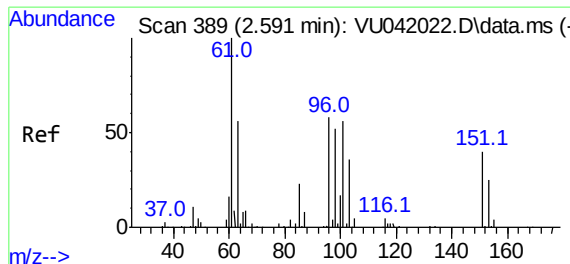
Tgt Ion: 50 Resp: 1827
Ion Ratio Lower Upper
50 100
52 29.9 23.5 43.7



#9
Trichlorofluoromethane
Concen: 12.72 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Tgt Ion: 101 Resp: 240502
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

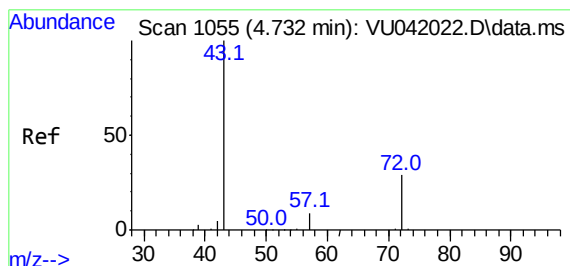
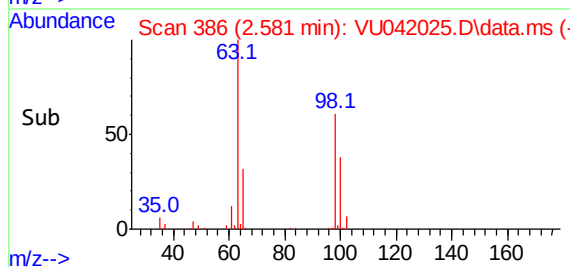
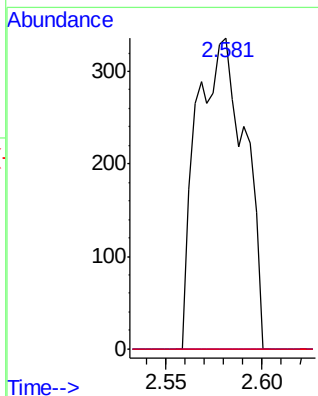
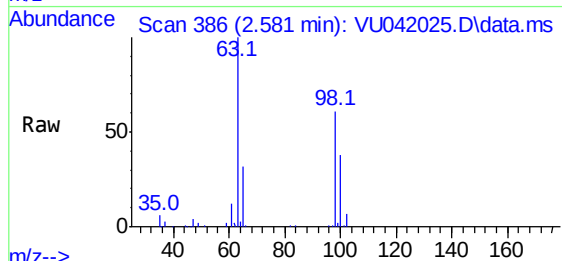




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

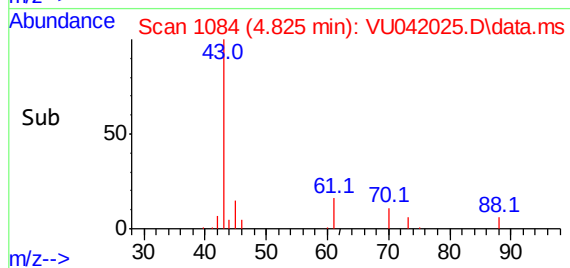
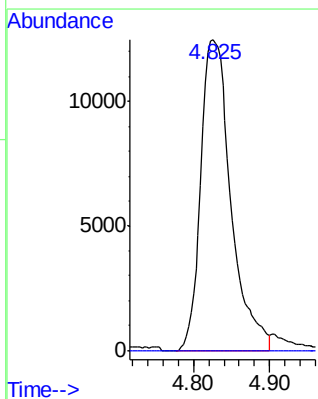
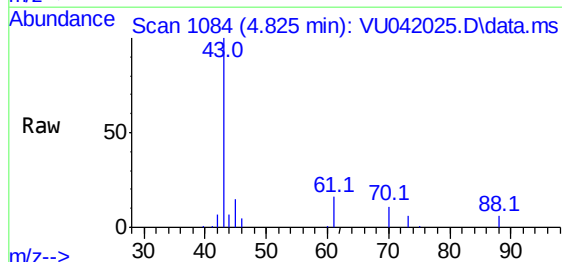
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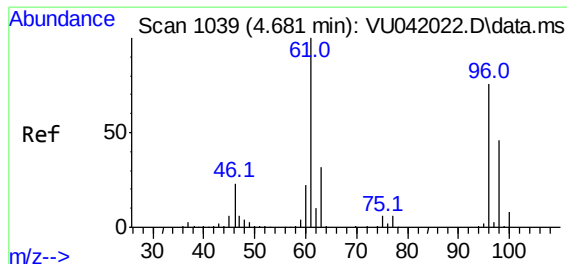
Tgt Ion:101 Resp: 585
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



#21
2-Butanone
Concen: 10.76 ug/L
RT: 4.825 min Scan# 1084
Delta R.T. 0.093 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Tgt Ion: 43 Resp: 34376
Ion Ratio Lower Upper
43 100
72 0.0 13.7 41.1#

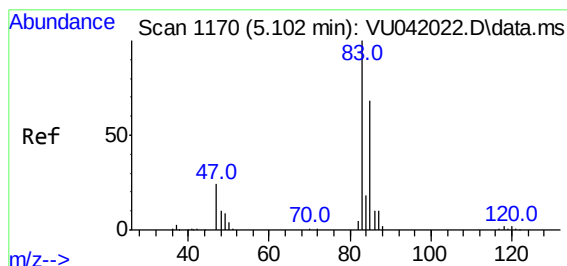
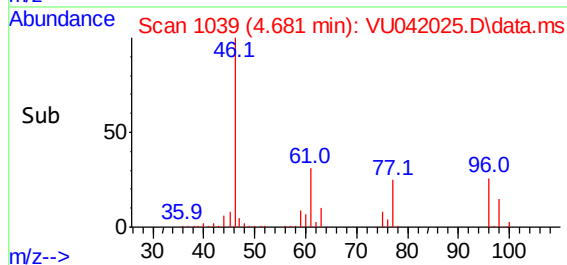
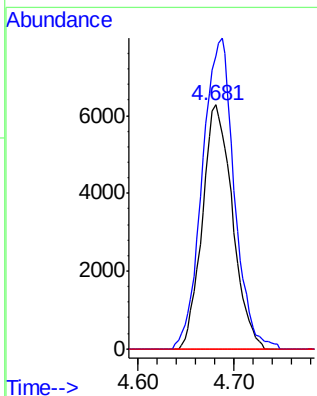
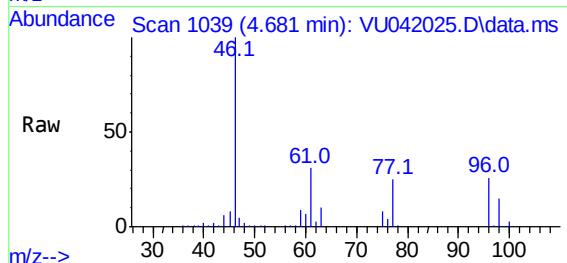




#22
cis-1,2-Dichloroethene
Concen: 1.29 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

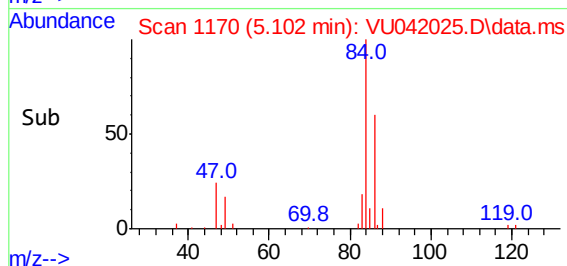
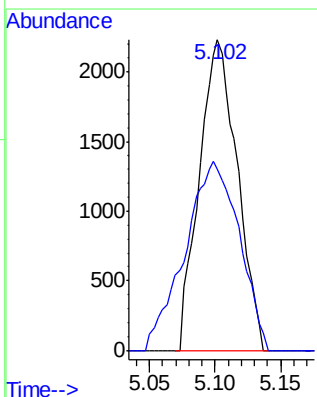
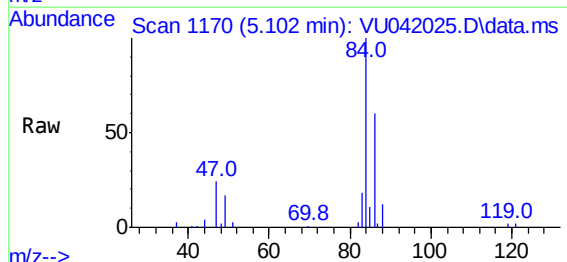
Instrument :
MSVOA_U
ClientSampleId :
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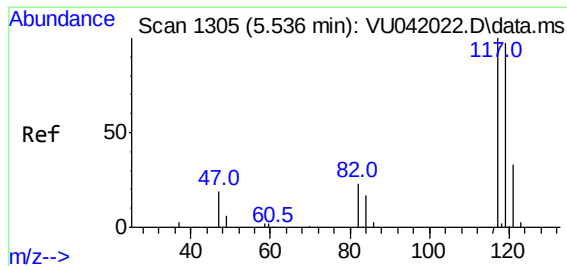
Tgt Ion: 96 Resp: 13569
Ion Ratio Lower Upper
96 100
61 120.2 100.3 186.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.23 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Tgt Ion: 83 Resp: 4475
Ion Ratio Lower Upper
83 100
85 58.4 46.1 85.7

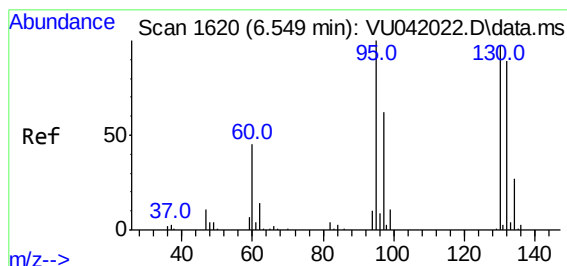
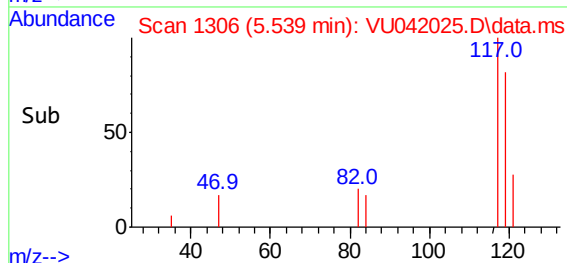
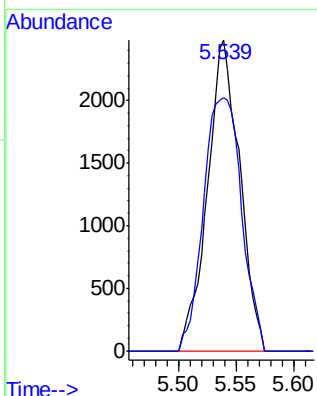
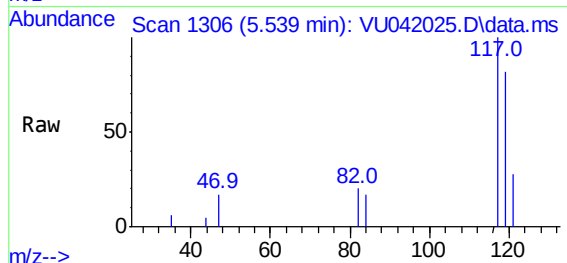




#31
Carbon tetrachloride
Concen: 0.34 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.003 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

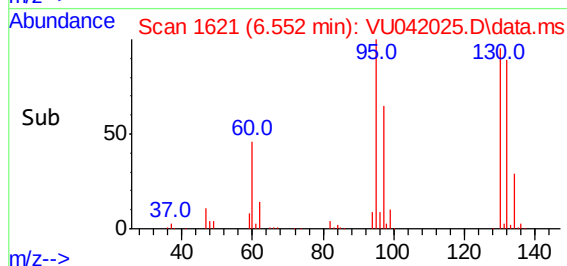
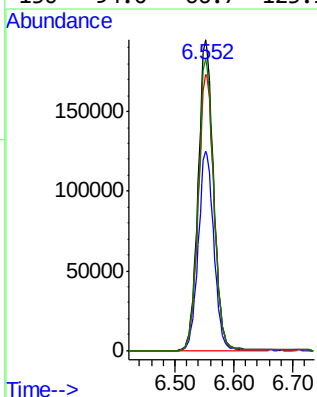
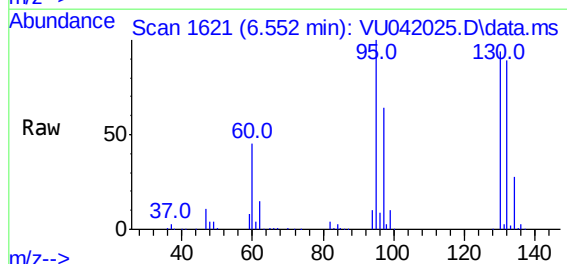
Instrument :
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ClientSampleId :
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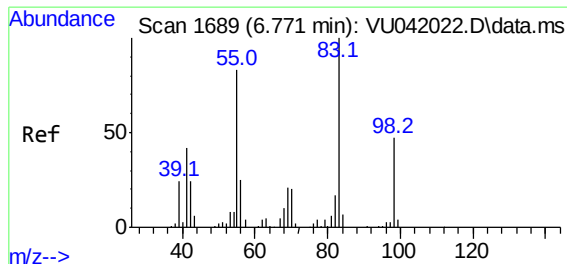
Tgt Ion:117 Resp: 4802
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8



#34
Trichloroethene
Concen: 34.74 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Tgt Ion: 95 Resp: 360185
Ion Ratio Lower Upper
95 100
97 64.3 43.6 81.0
132 88.8 64.3 119.3
130 94.0 66.7 123.9

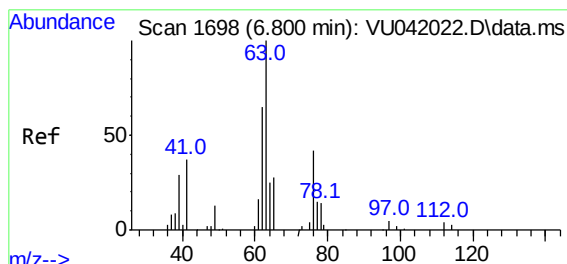
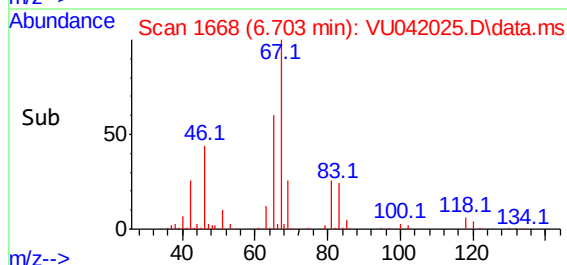
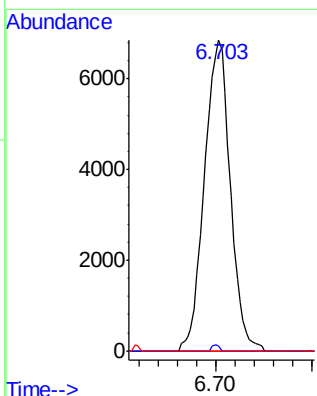
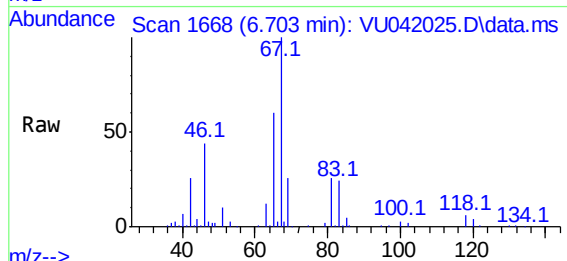




#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

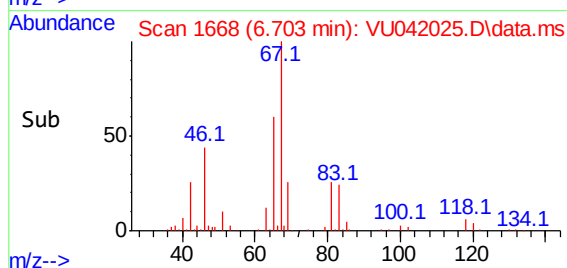
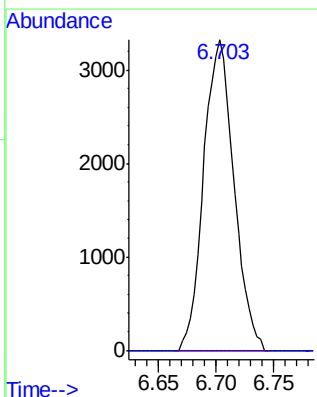
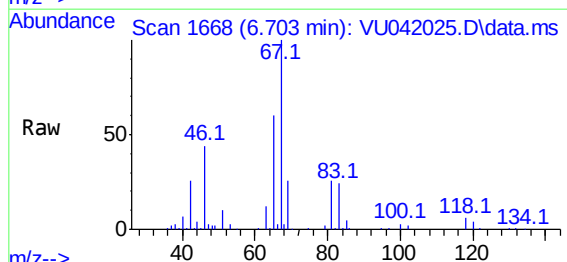
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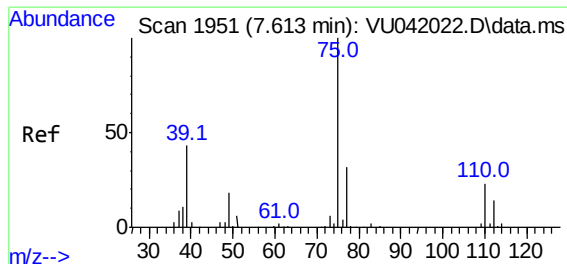
Tgt Ion: 83 Resp: 12732
Ion Ratio Lower Upper
83 100
55 0.5 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Tgt Ion: 63 Resp: 6043
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

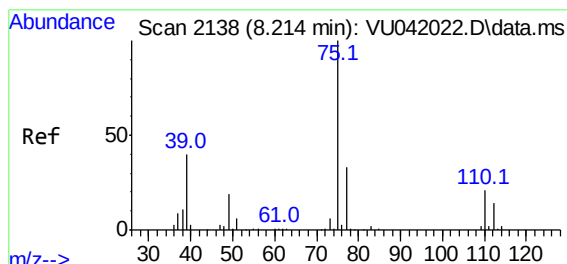
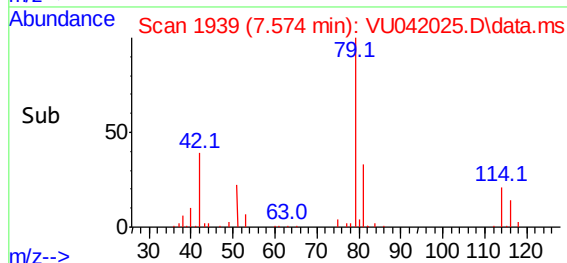
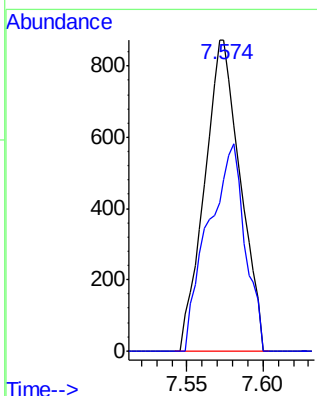
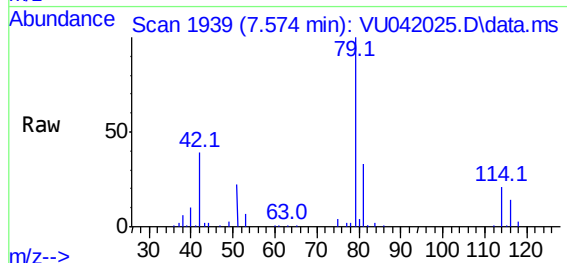




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

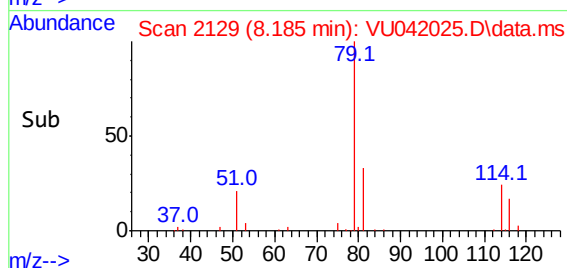
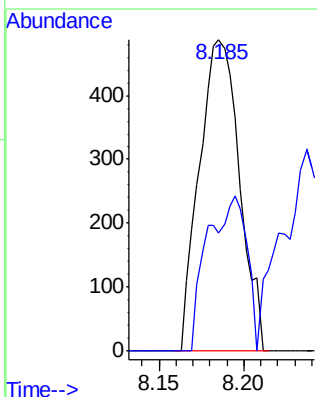
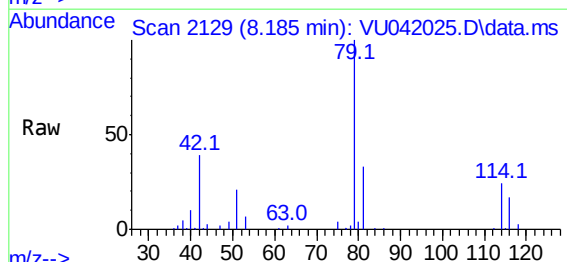
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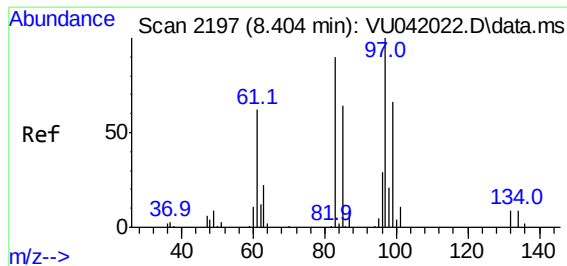
Tgt Ion: 75 Resp: 1426
Ion Ratio Lower Upper
75 100
77 55.0 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Tgt Ion: 75 Resp: 804
Ion Ratio Lower Upper
75 100
77 37.7 22.0 41.0



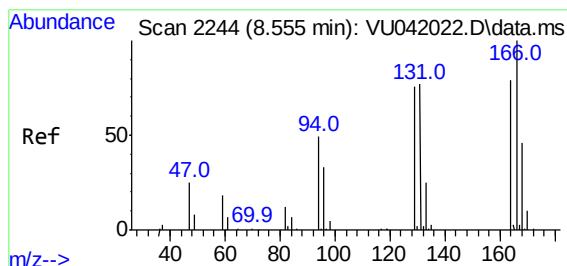
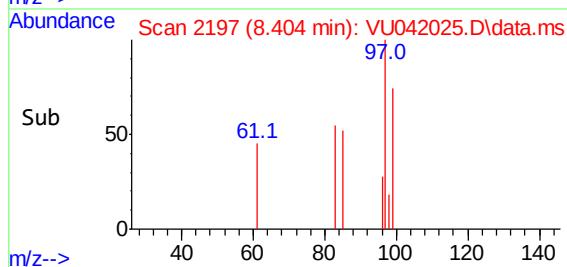
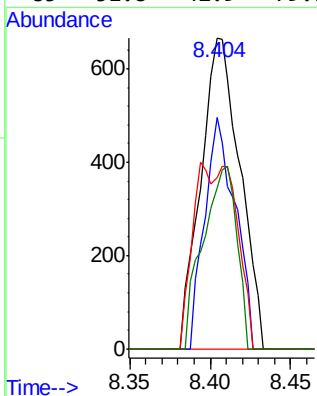
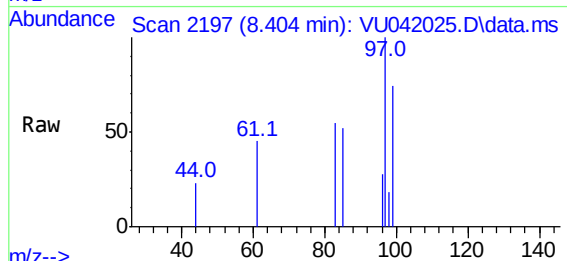


#45
1,1,2-Trichloroethane
Concen: 0.15 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Instrument :
MSVOA_U
ClientSampleId :
C0AQ7

Tgt Ion: 97 Resp: 1104

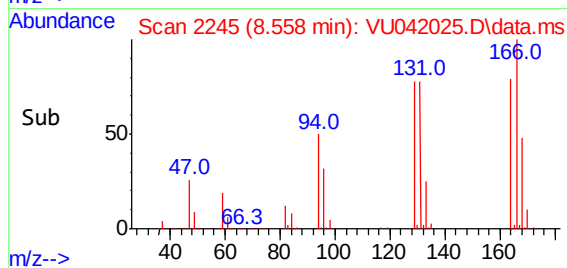
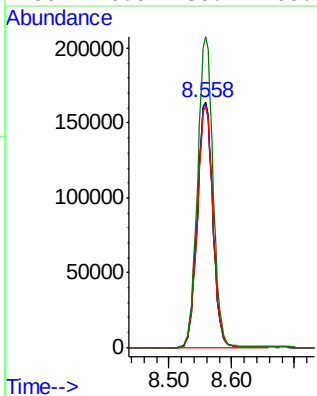
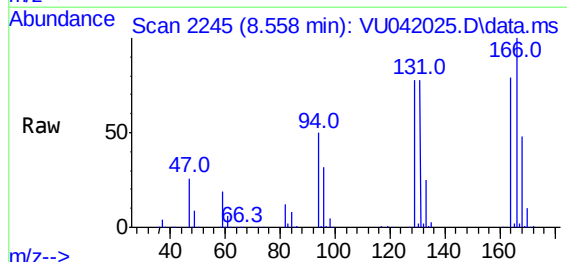
Ion	Ratio	Lower	Upper
97	100		
99	74.3	44.7	83.1
83	55.0	61.6	114.4#
85	51.8	42.9	79.7

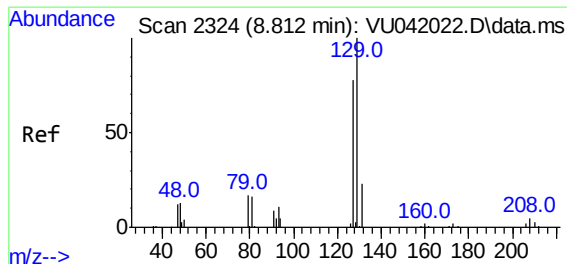


#47
Tetrachloroethene
Concen: 41.60 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Tgt Ion: 164 Resp: 279391

Ion	Ratio	Lower	Upper
164	100		
129	99.4	68.7	127.5
131	98.3	65.2	121.0
166	126.6	86.2	160.0

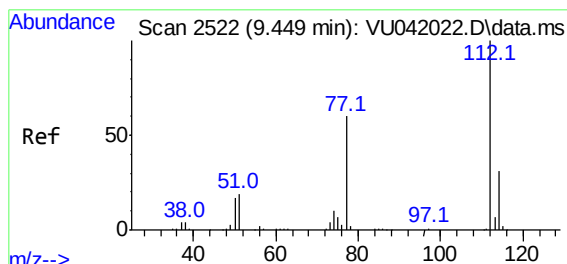
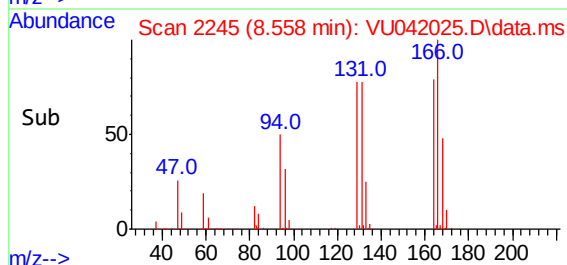
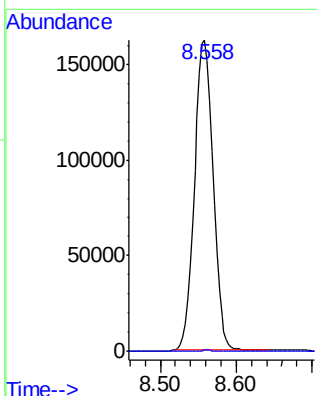
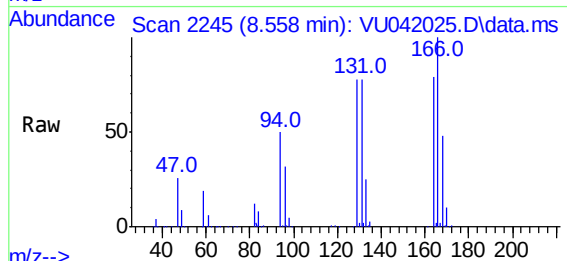




#49
Dibromochloromethane
Concen: 33.32 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

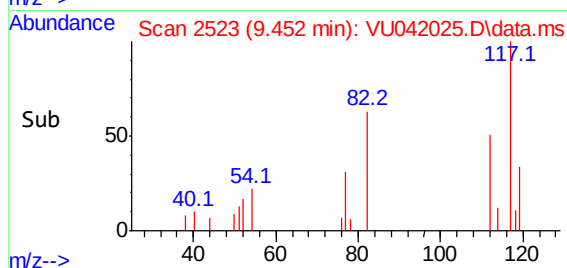
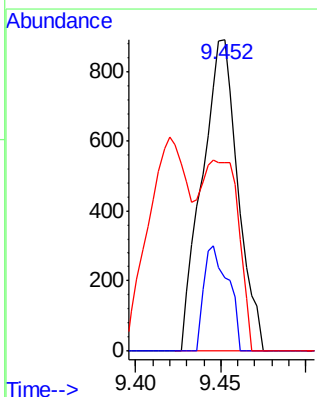
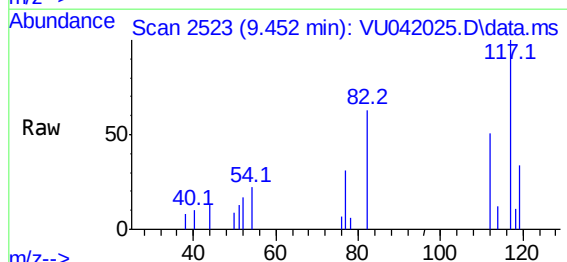
Instrument :
MSVOA_U
ClientSampleId :
C0AQ7

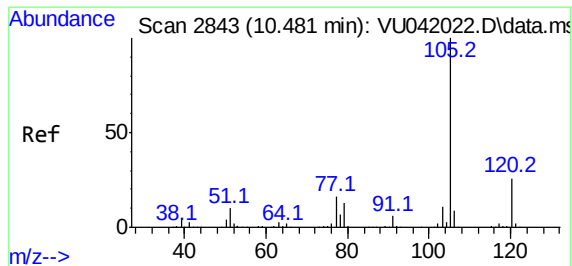
Tgt Ion:129 Resp: 276489
Ion Ratio Lower Upper
129 100
127 0.1 53.7 99.7#



#51
Chlorobenzene
Concen: 0.05 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Tgt Ion:112 Resp: 1306
Ion Ratio Lower Upper
112 100
114 23.5 22.3 41.3
77 60.5 48.2 72.4

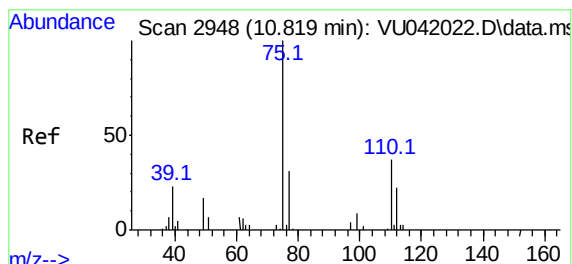
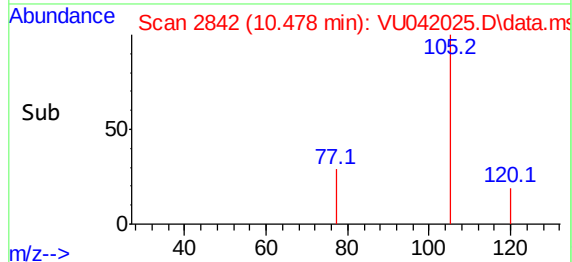
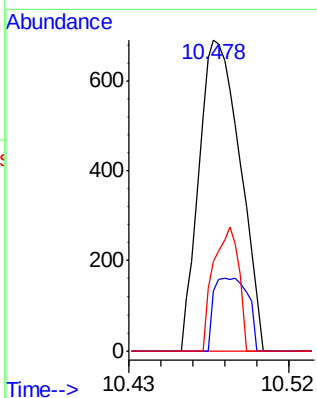
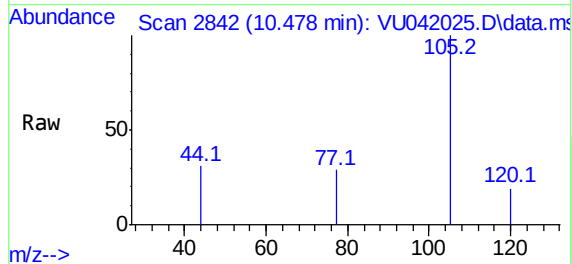




#56
Isopropylbenzene
Concen: 0.03 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Instrument :
MSVOA_U
ClientSampleId :
C0AQ7

Tgt Ion:	105	Resp:	1161
Ion	Ratio	Lower	Upper
105	100		
120	19.3	20.6	31.0#
77	24.8	13.4	20.0#



#59
1,2,3-Trichloropropane
Concen: 0.83 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU042025.D
Acq: 14 Jan 2021 11:27

Tgt Ion:	75	Resp:	5914
Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.6	38.4

