

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045843.D
 Acq On : 17 Nov 2021 16:28
 Operator : SY/MD
 Sample : M4686-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:21:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

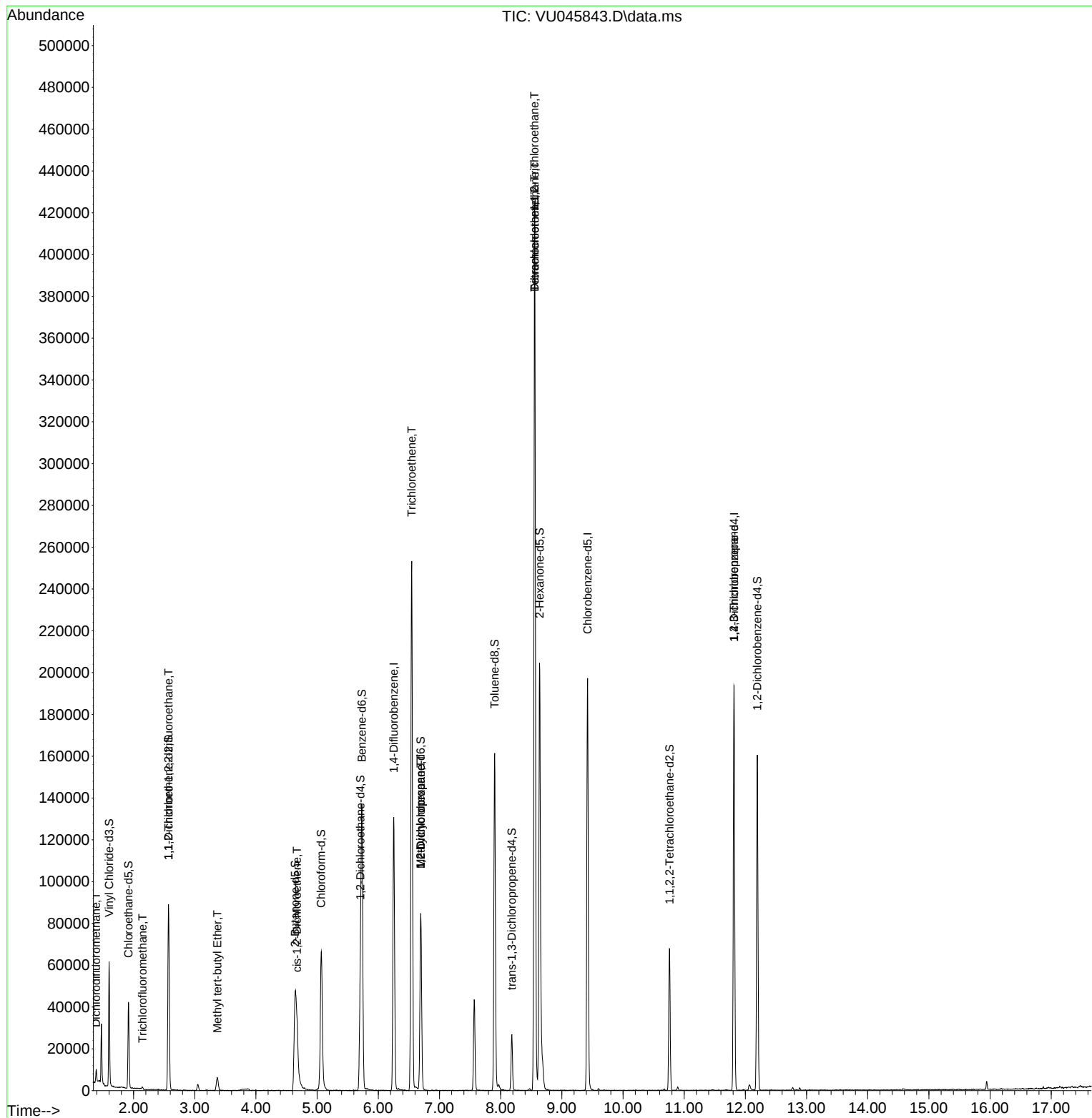
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103165	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	49748	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41146	5.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.916	69	30050	5.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.572	65	16633	4.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.642	46	98695	45.058	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.120%
24) Chloroform-d	5.067	84	60473	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.707	65	36262	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	127223	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.694	67	40856	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.903	98	109376	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.182	79	15294	3.981	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.636	63	71452	41.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.640%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	33685	4.213	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	41183	4.821	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1503	0.179	ug/L	97
9) Trichlorofluoromethane	2.144	101	480	0.042	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	413	0.061	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	6864	0.413	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	6402	0.863	ug/L	97
34) Trichloroethene	6.546	95	86275	11.003	ug/L	98
35) Methylcyclohexane	6.694	83	9151	0.760	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	4479	0.559	ug/L #	88
45) 1,1,2-Trichloroethane	8.552	97	763	0.128	ug/L #	1
47) Tetrachloroethene	8.555	164	92739	16.895	ug/L	97
49) Dibromochloromethane	8.555	129	91555	13.523	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7034	1.362	ug/L #	66

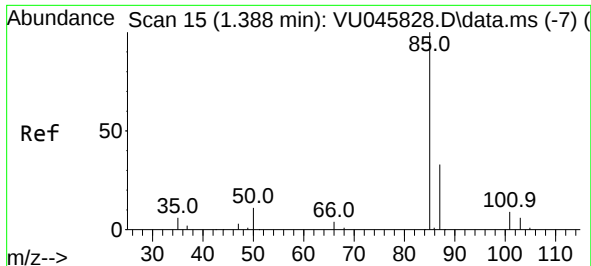
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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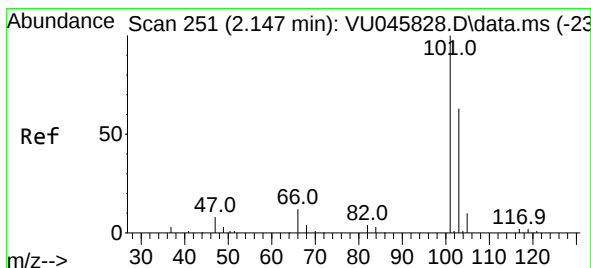
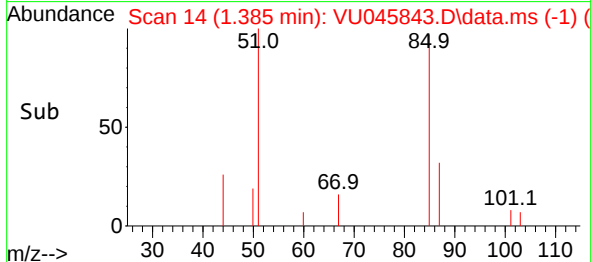
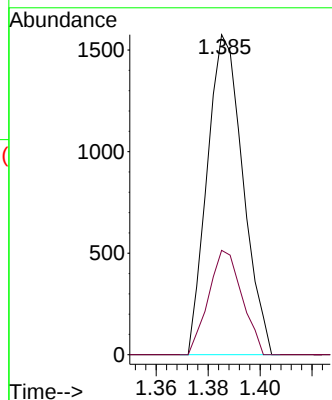
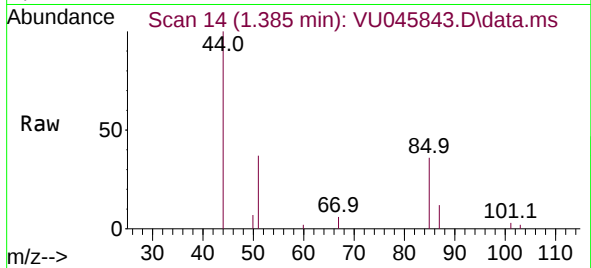




#2
Dichlorodifluoromethane
Concen: 0.179 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

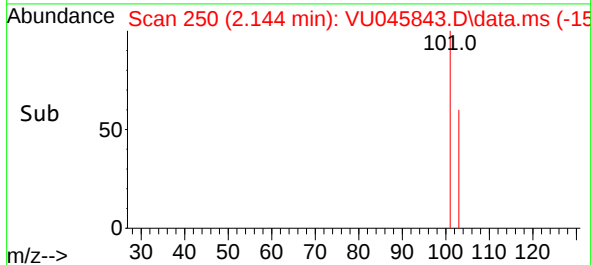
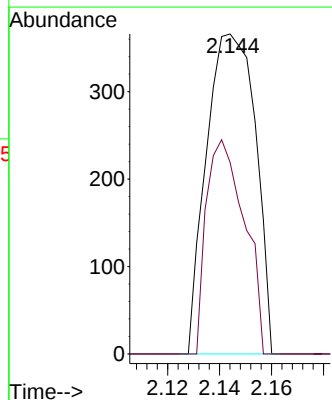
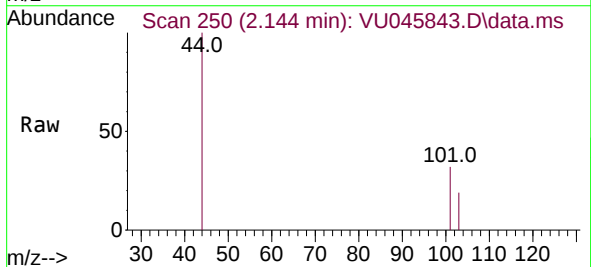
Instrument :
MSVOA_U
ClientSampleId :

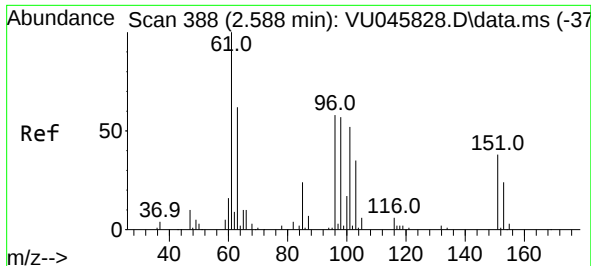
Tgt Ion: 85 Resp: 1503
Ion Ratio Lower Upper
85 100
87 30.6 25.8 38.6



#9
Trichlorofluoromethane
Concen: 0.042 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Tgt Ion:101 Resp: 480
Ion Ratio Lower Upper
101 100
103 52.1 51.5 77.3

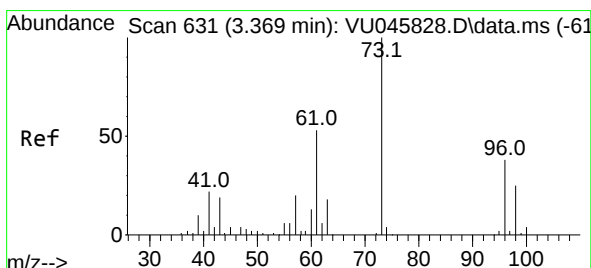
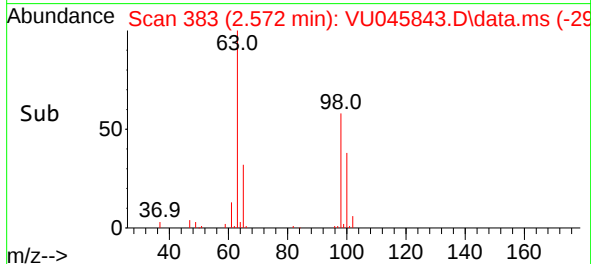
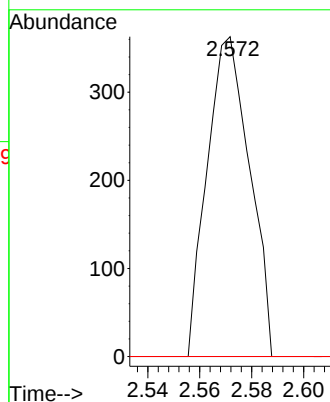
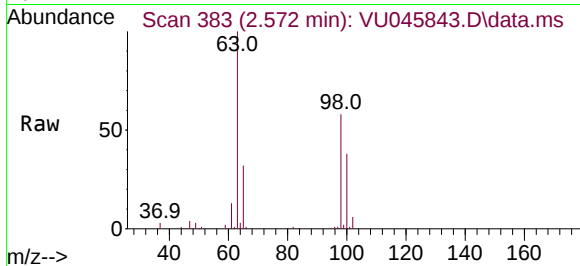




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

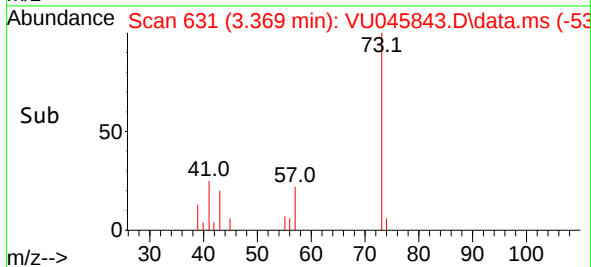
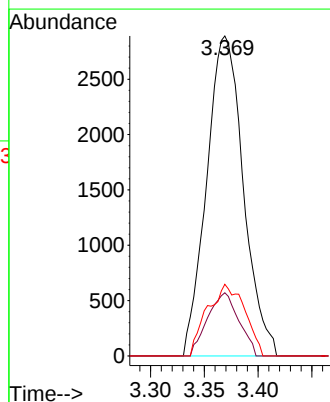
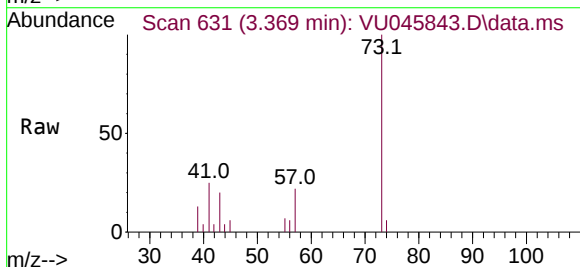
Instrument :
MSVOA_U
ClientSampleId :

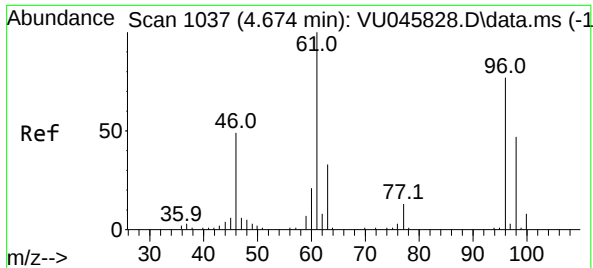
Tgt Ion:101 Resp: 413
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#17
Methyl tert-butyl Ether
Concen: 0.413 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

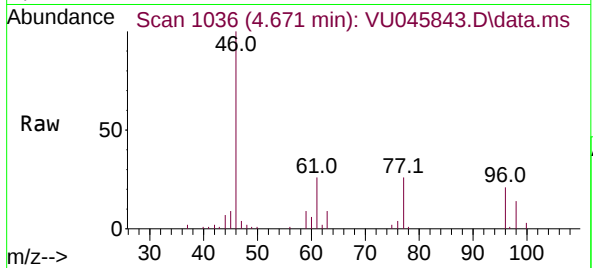
Tgt Ion: 73 Resp: 6864
Ion Ratio Lower Upper
73 100
43 16.8 14.8 22.2
57 22.9 17.4 26.0



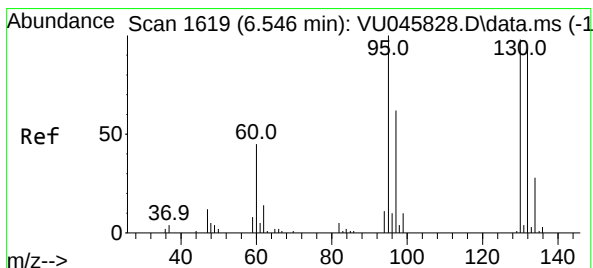
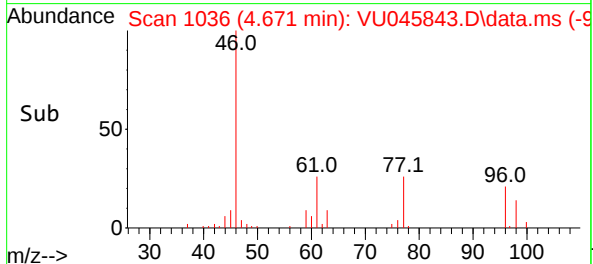
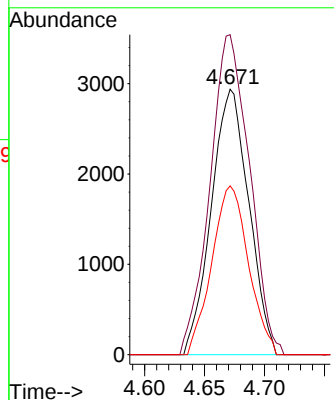


#22
 cis-1,2-Dichloroethene
 Concen: 0.863 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045843.D
 Acq: 17 Nov 2021 16:28

Instrument :
 MSVOA_U
 ClientSampleId :

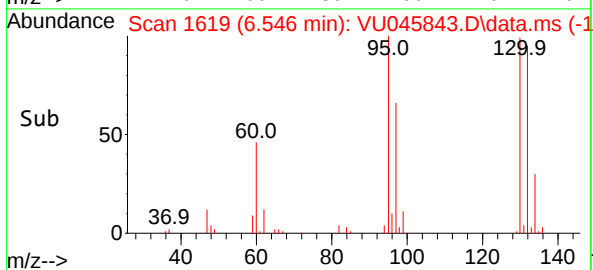
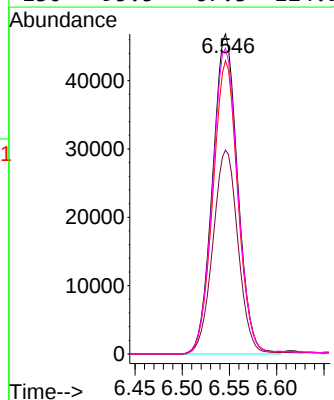
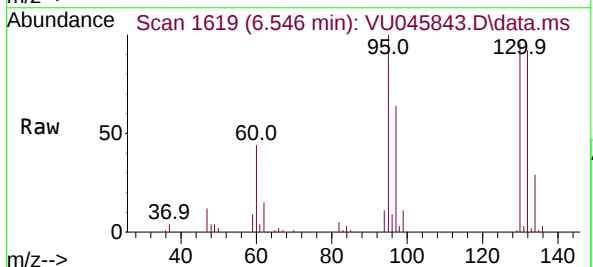


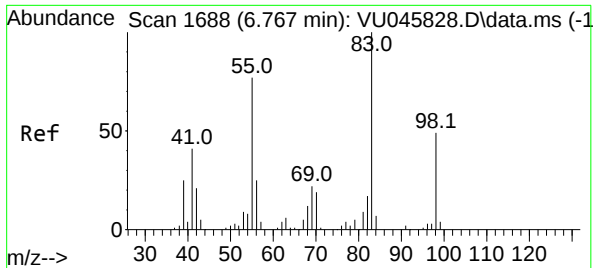
Tgt Ion: 96 Resp: 6402
 Ion Ratio Lower Upper
 96 100
 61 120.5 88.5 164.3
 98 63.6 44.4 82.5



#34
 Trichloroethene
 Concen: 11.003 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VU045843.D
 Acq: 17 Nov 2021 16:28

Tgt Ion: 95 Resp: 86275
 Ion Ratio Lower Upper
 95 100
 97 63.7 46.5 86.5
 132 91.6 65.1 120.9
 130 95.5 67.3 124.9

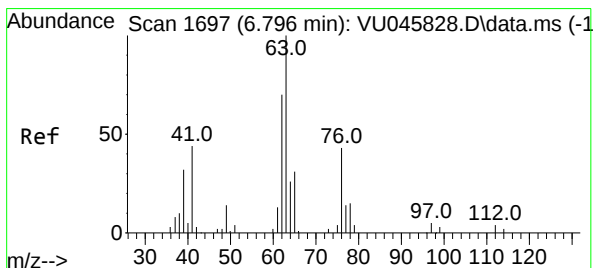
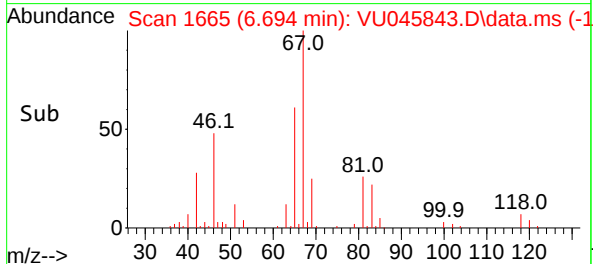
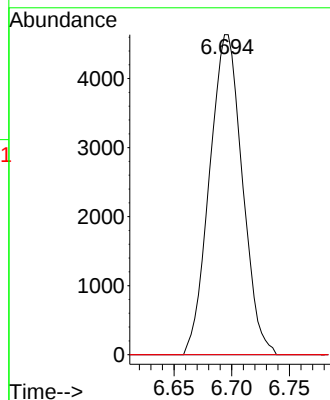
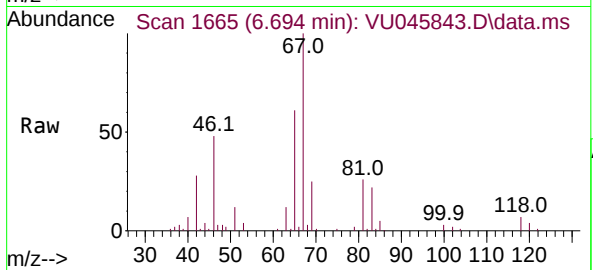




#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

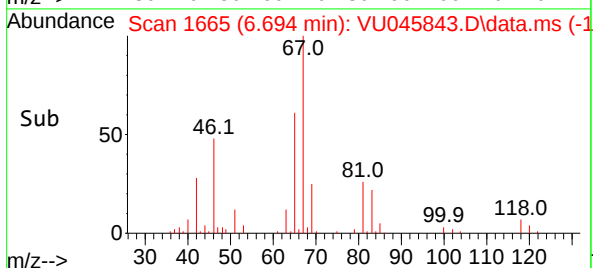
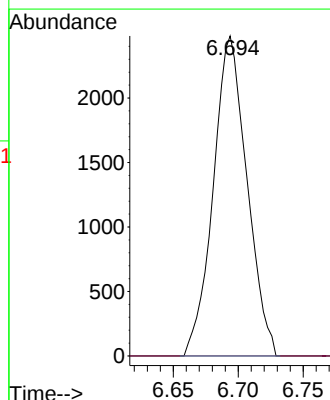
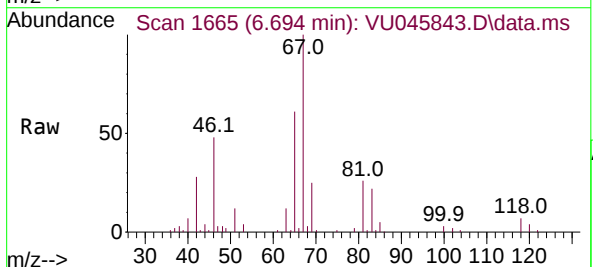
Instrument :
MSVOA_U
ClientSampleId :

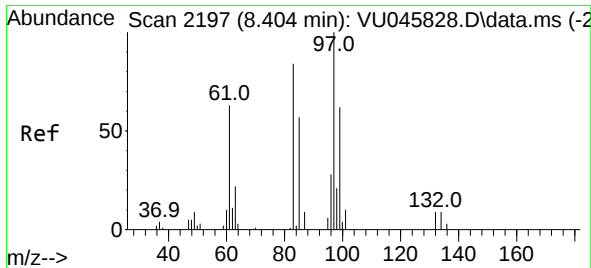
Tgt Ion: 83 Resp: 9151
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Tgt Ion: 63 Resp: 4479
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



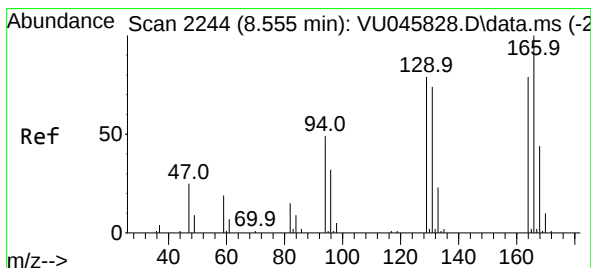
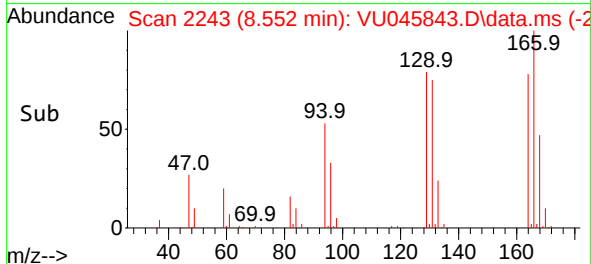
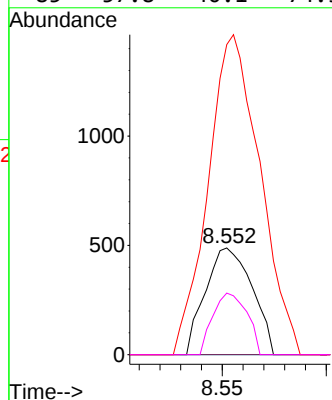
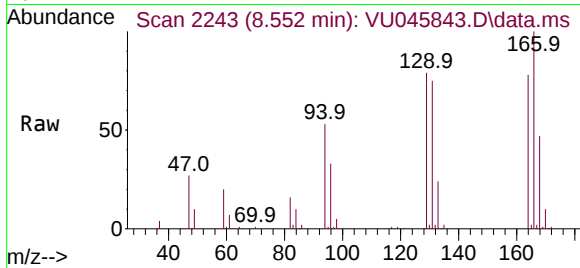


#45
1,1,2-Trichloroethane
Concen: 0.128 ug/L
RT: 8.552 min Scan# 2197
Delta R.T. 0.148 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Instrument :
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ClientSampleId :

Tgt Ion: 97 Resp: 763

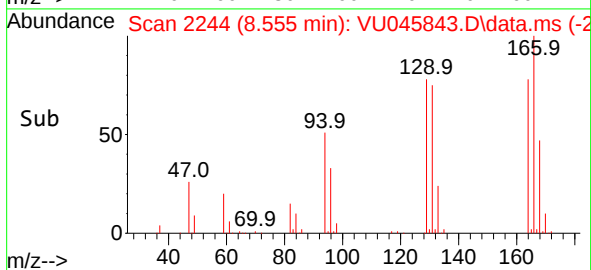
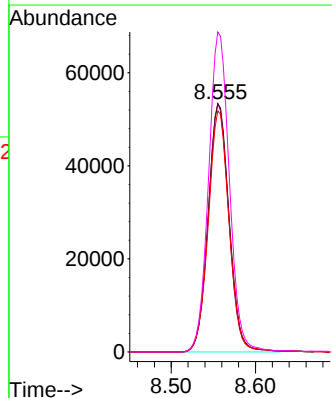
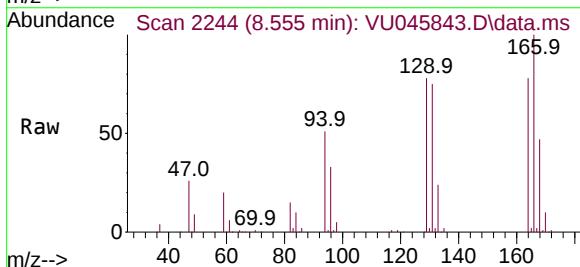
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.3	78.5#
83	290.8	62.0	115.2#
85	57.8	40.1	74.5

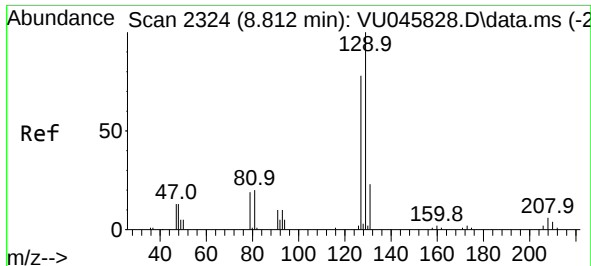


#47
Tetrachloroethene
Concen: 16.895 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Tgt Ion: 164 Resp: 92739

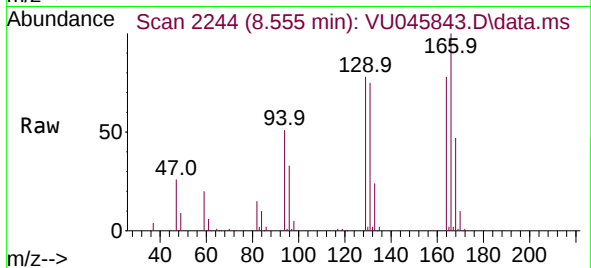
Ion	Ratio	Lower	Upper
164	100		
129	100.2	71.8	133.4
131	97.2	68.5	127.3
166	129.0	94.1	174.8



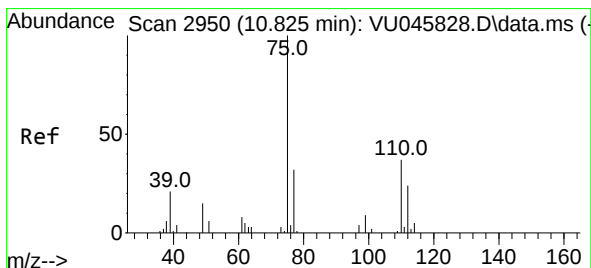
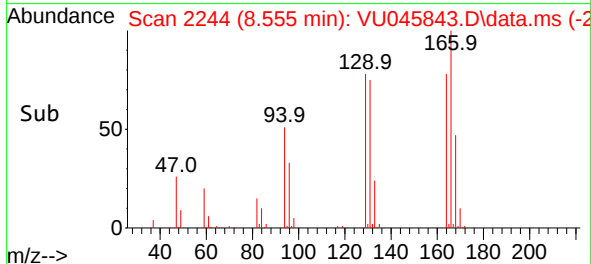
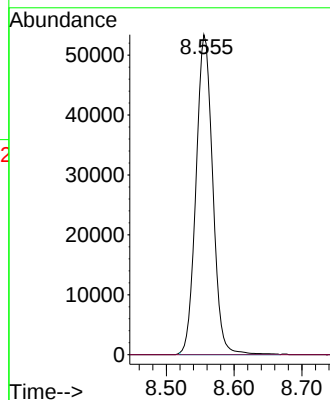


#49
Dibromochloromethane
Concen: 13.523 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 91555
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.362 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045843.D
Acq: 17 Nov 2021 16:28

Tgt Ion: 75 Resp: 7034
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 31.2 25.5 38.3

