

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
 Data File : VU049783.D
 Acq On : 19 Jul 2022 14:29
 Operator : SY/MD
 Sample : N3679-01ME
 Misc : 4.92g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

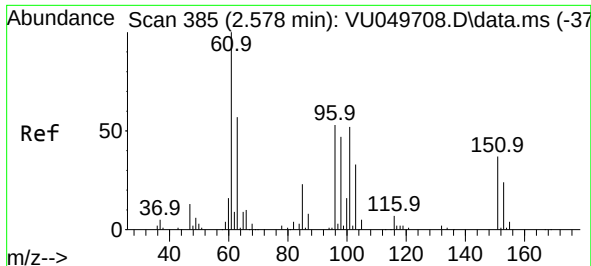
Instrument :
 MSVOA_U
 ClientSampleId :
 F5B41ME

Quant Time: Jul 20 02:16:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	192336	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	189126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	84231	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	41002	25.266	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	50.540%#		
7) Chloroethane-d5	1.871	69	25981	22.148	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	44.300%#		
11) 1,1-Dichloroethene-d2	2.520	63	84382	29.437	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.880%#		
21) 2-Butanone-d5	4.636	46	119314	86.125	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.130%		
24) Chloroform-d	5.060	84	116654	40.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.180%		
26) 1,2-Dichloroethane-d4	5.697	65	85837	44.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.240%		
32) Benzene-d6	5.719	84	230217	40.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.140%		
36) 1,2-Dichloropropane-d6	6.687	67	82067	42.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.940%		
41) Toluene-d8	7.896	98	192094	38.392	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.780%#		
43) trans-1,3-Dichloroprop...	8.182	79	32562	39.991	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.980%		
47) 2-Hexanone-d5	8.652	63	74847	86.098	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.100%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	119286	44.113	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.220%		
66) 1,2-Dichlorobenzene-d4	12.195	152	70726	44.534	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.060%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	659	0.445	ug/L #	20
16) Methylene chloride	3.025	84	3344	1.931	ug/L	96
35) Methylcyclohexane	6.687	83	18500	6.851	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	9261	4.700	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	2166	0.815	ug/L #	70
46) Tetrachloroethene	8.549	164	1330	1.116	ug/L	84
49) Dibromochloromethane	8.549	129	1369	0.791	ug/L #	9
60) 1,2,3-Trichloropropane	11.815	75	11771	5.247	ug/L #	67

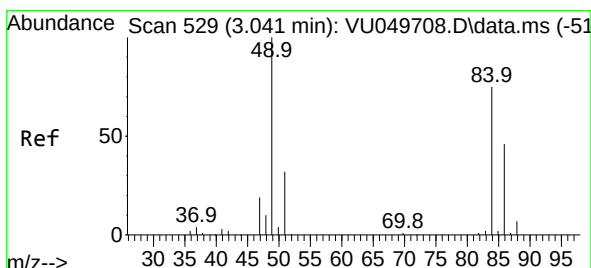
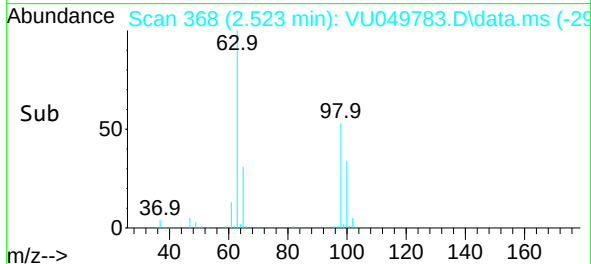
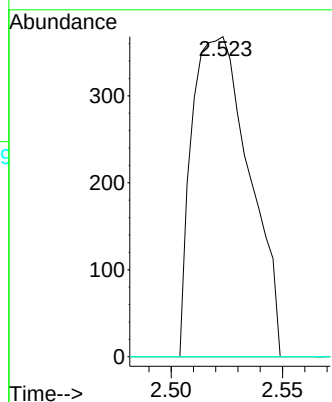
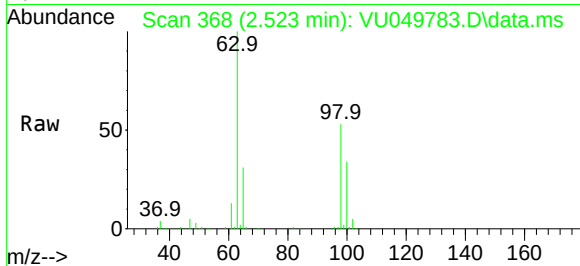
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.445 ug/L
RT: 2.523 min Scan# 30
Delta R.T. -0.052 min
Lab File: VU049783.D
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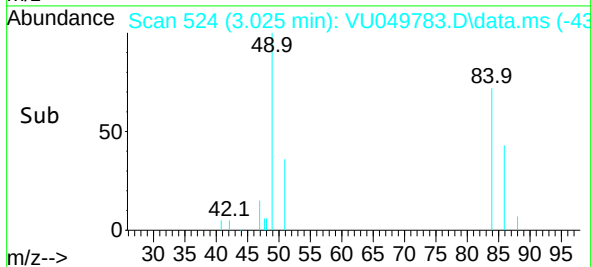
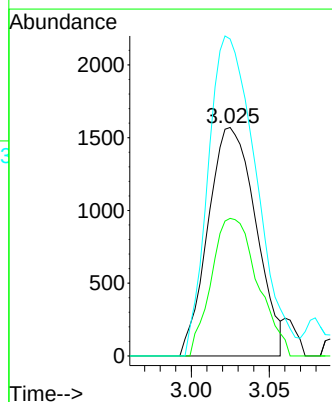
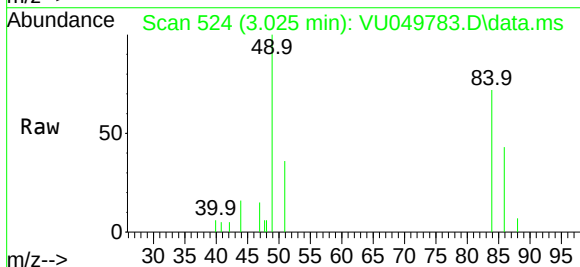
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F5B41ME

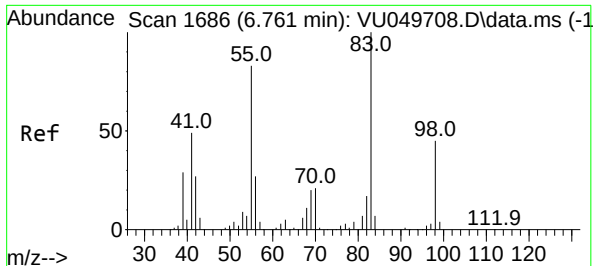
Tgt Ion:101 Resp: 659
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#16
Methylene chloride
Concen: 1.931 ug/L
RT: 3.025 min Scan# 524
Delta R.T. -0.016 min
Lab File: VU049783.D
Acq: 19 Jul 2022 14:29

Tgt Ion: 84 Resp: 3344
Ion Ratio Lower Upper
84 100
86 60.3 45.6 84.6
49 138.7 94.4 175.4





#35

Methylcyclohexane

Concen: 6.851 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU049783.D

Acq: 19 Jul 2022 14:29

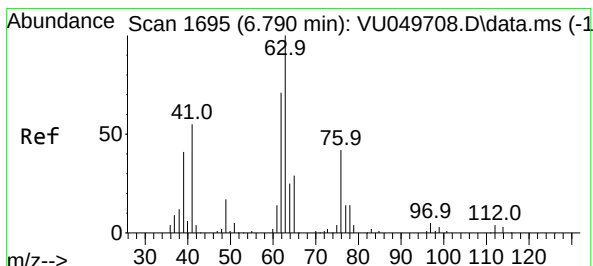
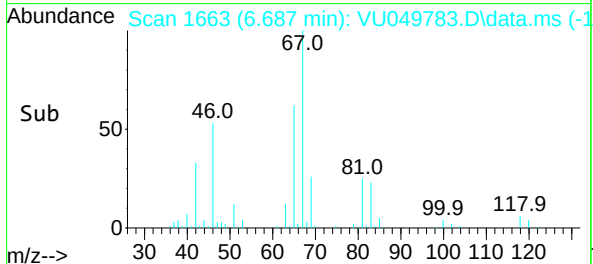
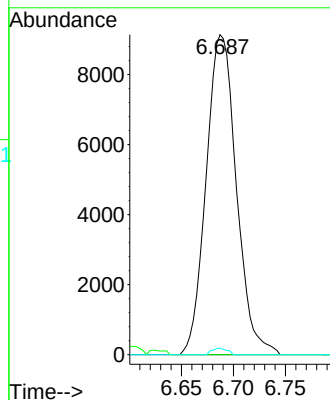
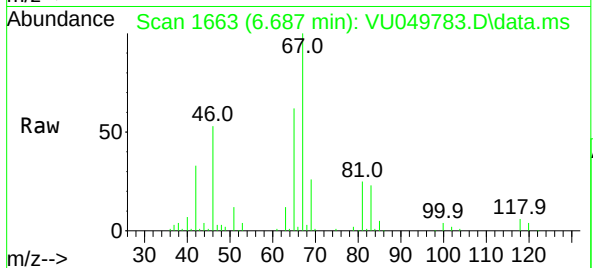
Instrument :

MSVOA_U

ClientSampleId :

F5B41ME

Tgt Ion: 83	Resp: 18500
Ion Ratio	Lower Upper
83 100	
55 0.2	66.0 99.0#
98 1.0	34.6 51.8#



#37

1,2-Dichloropropane

Concen: 4.700 ug/L

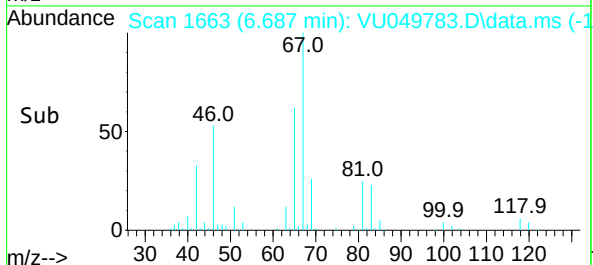
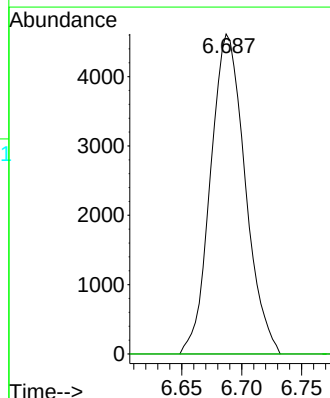
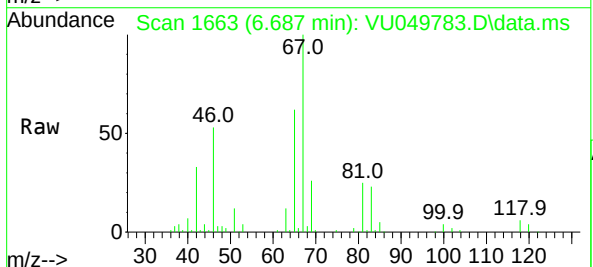
RT: 6.687 min Scan# 1663

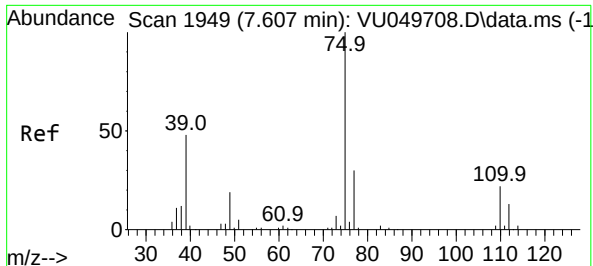
Delta R.T. -0.103 min

Lab File: VU049783.D

Acq: 19 Jul 2022 14:29

Tgt Ion: 63	Resp: 9261
Ion Ratio	Lower Upper
63 100	
112 0.0	2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.815 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049783.D

Acq: 19 Jul 2022 14:29

Instrument :

MSVOA_U

ClientSampleId :

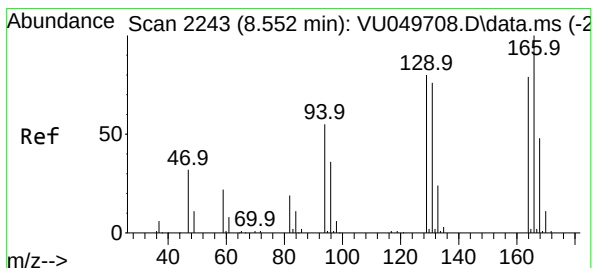
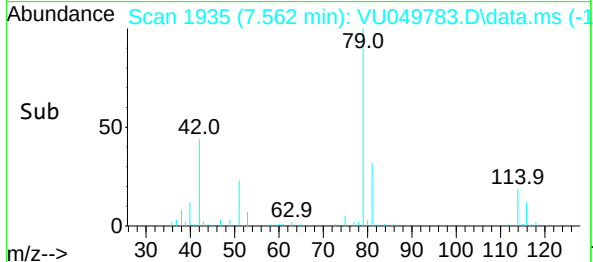
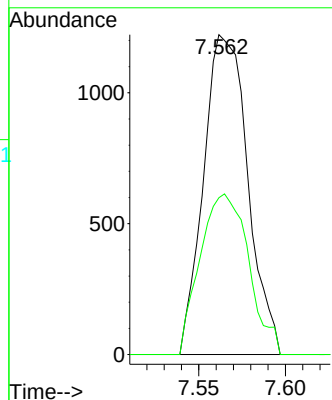
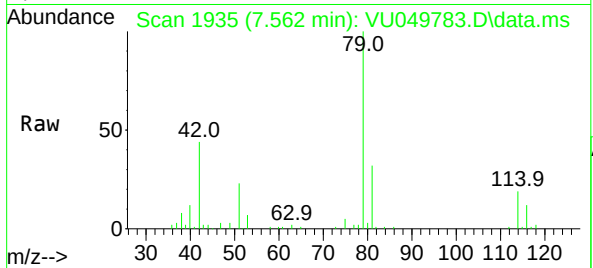
F5B41ME

Tgt Ion: 75 Resp: 2166

Ion Ratio Lower Upper

75 100

77 49.0 22.6 42.0#



#46

Tetrachloroethene

Concen: 1.116 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU049783.D

Acq: 19 Jul 2022 14:29

Tgt Ion: 164 Resp: 1330

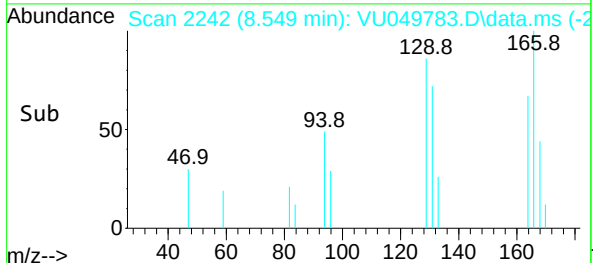
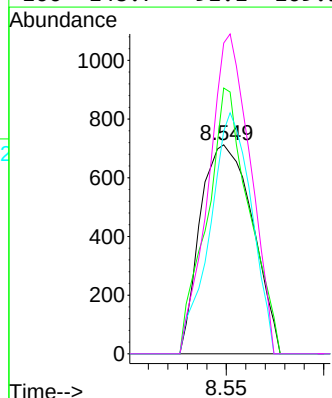
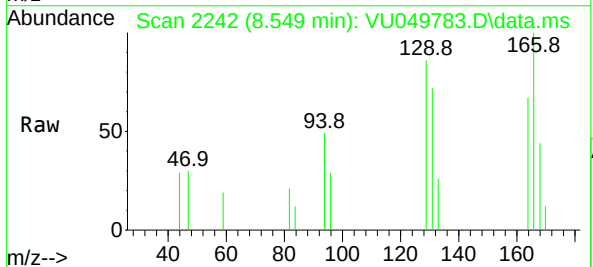
Ion Ratio Lower Upper

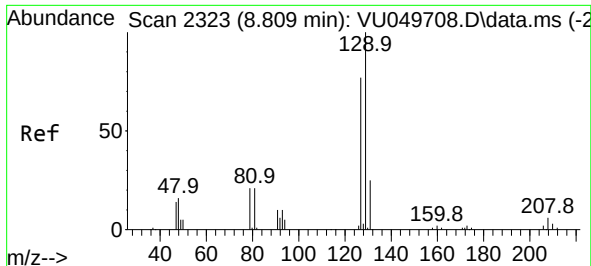
164 100

129 127.2 72.0 133.8

131 106.6 69.0 128.1

166 148.7 91.1 169.3





#49

Dibromochloromethane

Concen: 0.791 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.261 min

Lab File: VU049783.D

Acq: 19 Jul 2022 14:29

Instrument :

MSVOA_U

ClientSampleId :

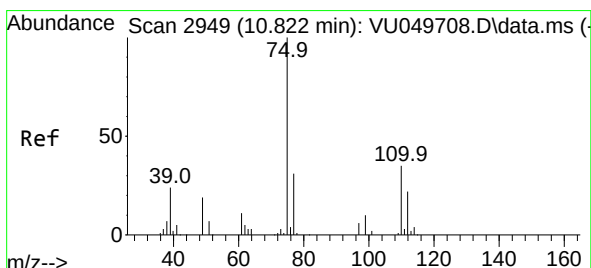
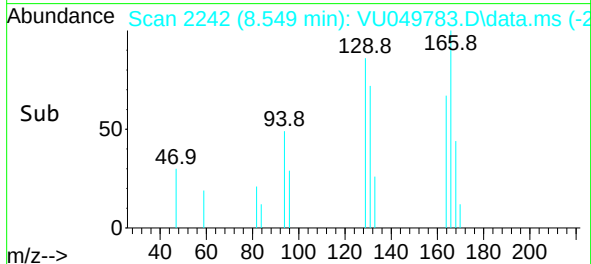
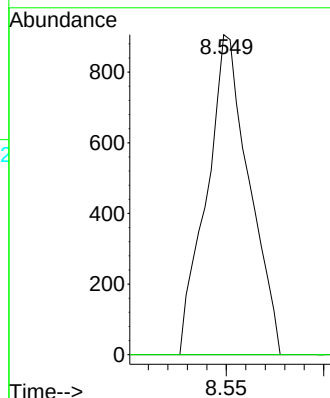
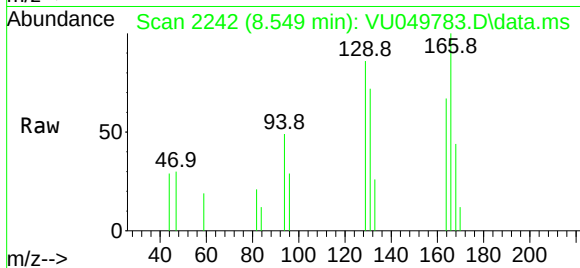
F5B41ME

Tgt Ion:129 Resp: 1369

Ion Ratio Lower Upper

129 100

127 0.0 56.9 105.7#



#60

1,2,3-Trichloropropane

Concen: 5.247 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.993 min

Lab File: VU049783.D

Acq: 19 Jul 2022 14:29

Tgt Ion: 75 Resp: 11771

Ion Ratio Lower Upper

75 100

77 33.9 25.5 38.3

110 1.5 28.9 43.3#

