

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045897.D
 Acq On : 19 Nov 2021 16:11
 Operator : SY/MD
 Sample : M4752-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 03:54:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 22 03:50:15 2021
 Response via : Initial Calibration

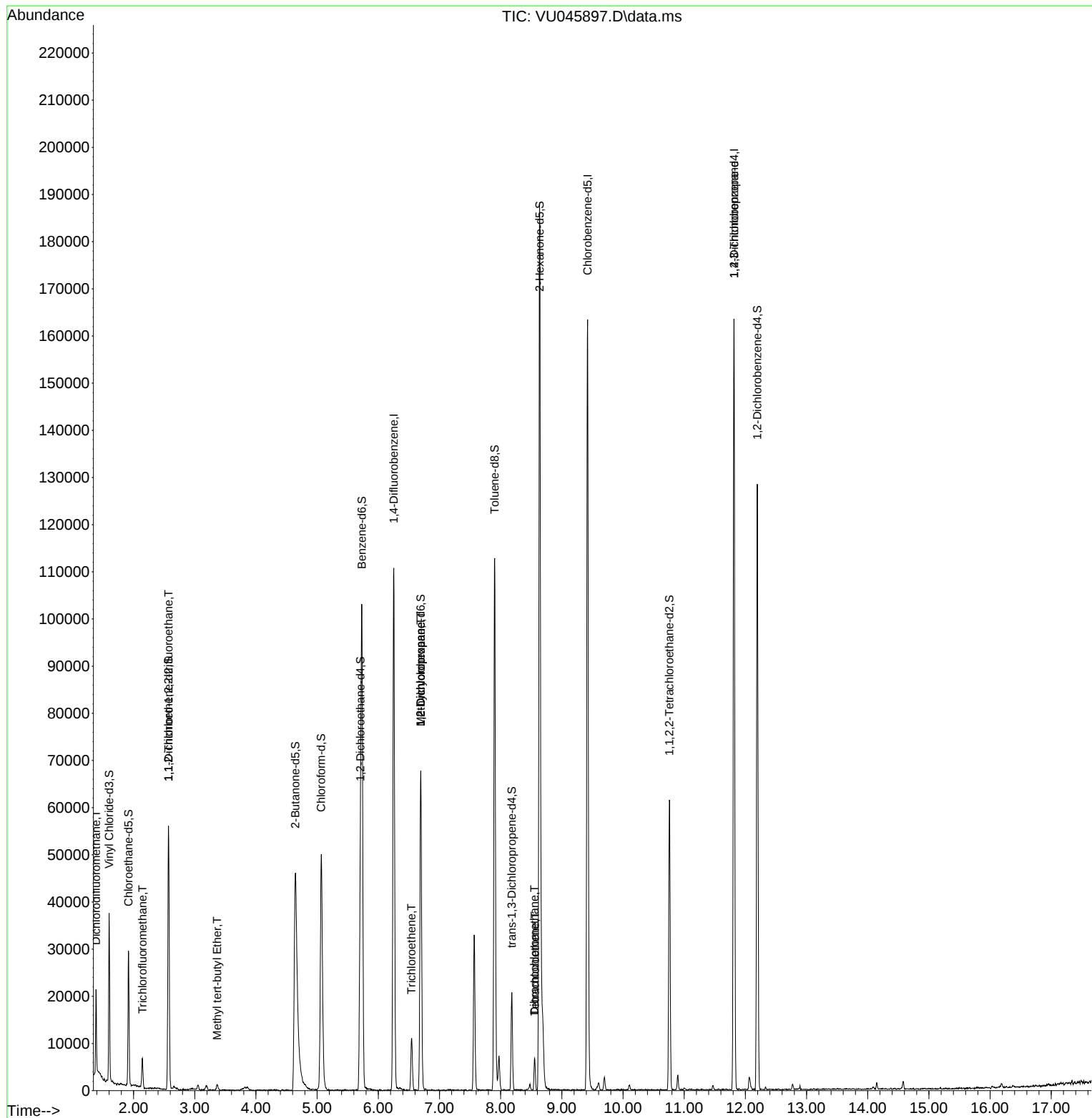
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	88815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93923	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	43564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24534	3.487	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.800%	
7) Chloroethane-d5	1.915	69	20337	3.970	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.571	65	10530	3.568	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.400%	
20) 2-Butanone-d5	4.645	46	100623	53.360	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.720%	
24) Chloroform-d	5.066	84	45057	3.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
26) 1,2-Dichloroethane-d4	5.706	65	30087	4.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
32) Benzene-d6	5.732	84	95686	3.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.000%	
36) 1,2-Dichloropropane-d6	6.693	67	32386	3.973	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.400%	
41) Toluene-d8	7.902	98	78758	3.366	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.400%#	
43) trans-1,3-Dichloroprop...	8.182	79	12139	3.668	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.635	63	67094	45.046	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.100%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30870	4.482	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33614	4.494	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	9799	1.355	ug/L	97
9) Trichlorofluoromethane	2.144	101	4050	0.408	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	300	0.052	ug/L #	21
17) Methyl tert-butyl Ether	3.366	73	1598	0.112	ug/L #	72
34) Trichloroethene	6.542	95	3833	0.567	ug/L	95
35) Methylcyclohexane	6.693	83	7621	0.735	ug/L #	19
37) 1,2-Dichloropropane	6.693	63	3547	0.514	ug/L #	88
47) Tetrachloroethene	8.558	164	1456	0.308	ug/L	94
49) Dibromochloromethane	8.552	129	1510	0.259	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	5516	1.220	ug/L #	67

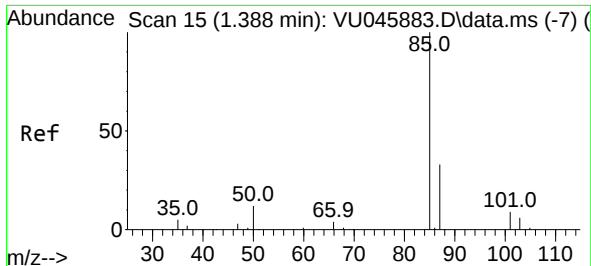
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
Data File : VU045897.D
Acq On : 19 Nov 2021 16:11
Operator : SY/MD
Sample : M4752-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 22 03:54:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 22 03:50:15 2021
Response via : Initial Calibration

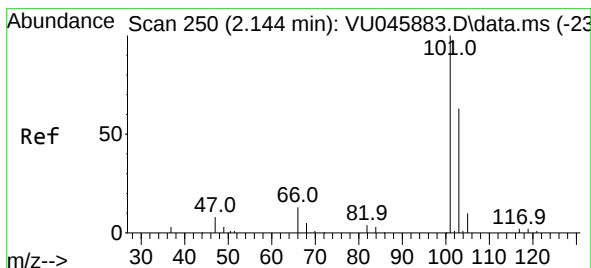
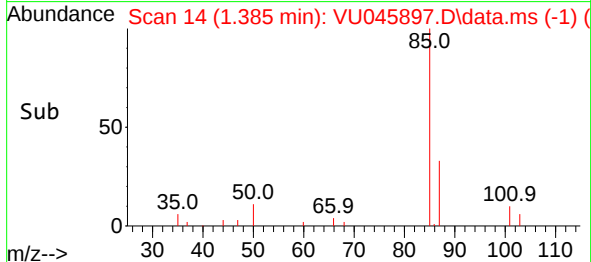
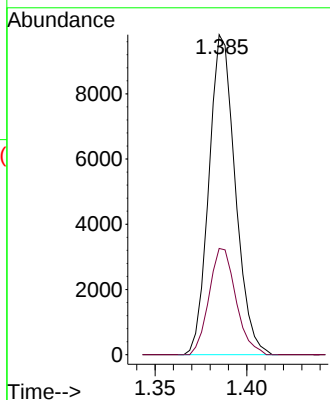
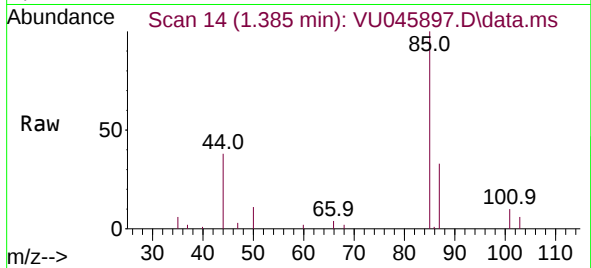




#2
 Dichlorodifluoromethane
 Concen: 1.355 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU045897.D
 Acq: 19 Nov 2021 16:11

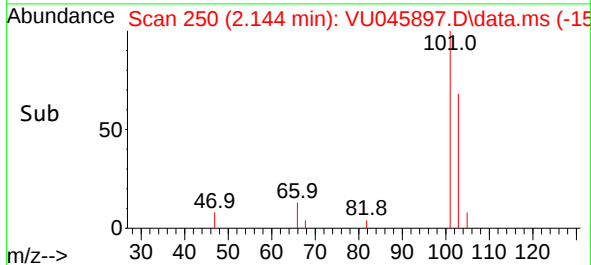
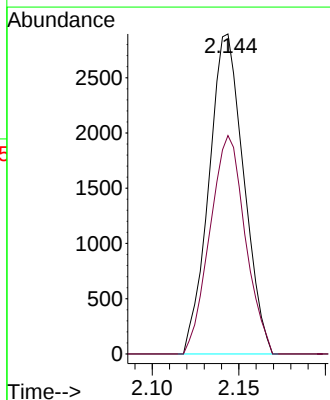
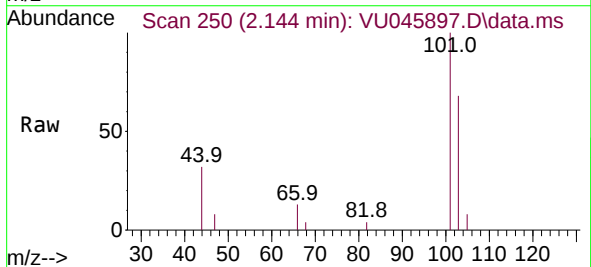
Instrument :
 MSVOA_U
 ClientSampleId :

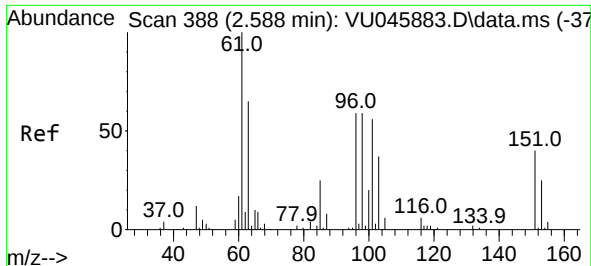
Tgt Ion: 85 Resp: 9799
 Ion Ratio Lower Upper
 85 100
 87 33.9 25.8 38.6



#9
 Trichlorofluoromethane
 Concen: 0.408 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. -0.000 min
 Lab File: VU045897.D
 Acq: 19 Nov 2021 16:11

Tgt Ion:101 Resp: 4050
 Ion Ratio Lower Upper
 101 100
 103 69.2 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.052 ug/L

RT: 2.571 min Scan# 388

Delta R.T. -0.016 min

Lab File: VU045897.D

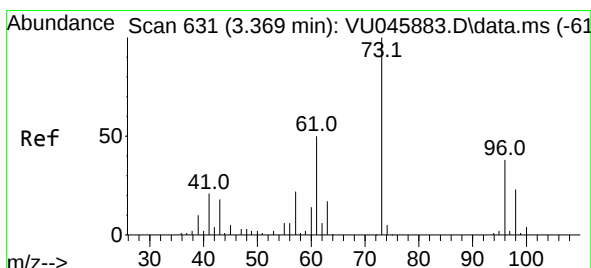
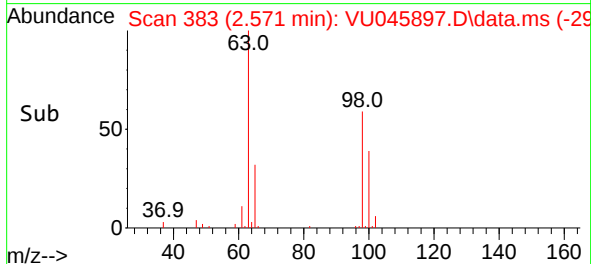
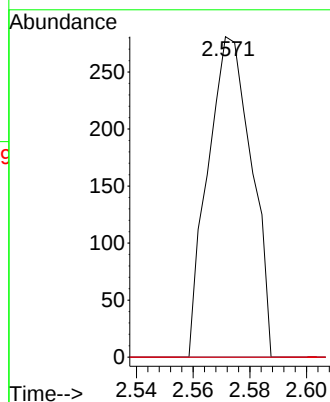
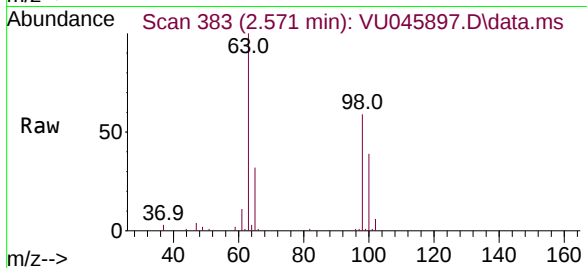
Acq: 19 Nov 2021 16:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	300
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: 0.112 ug/L

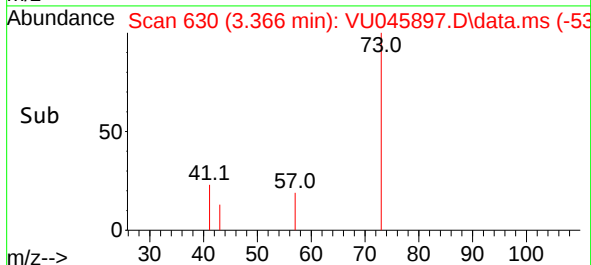
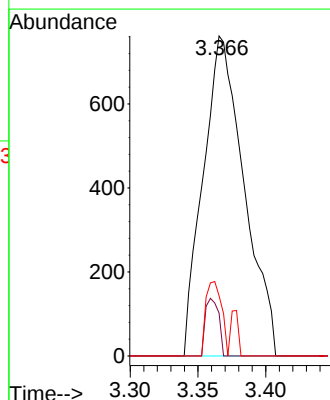
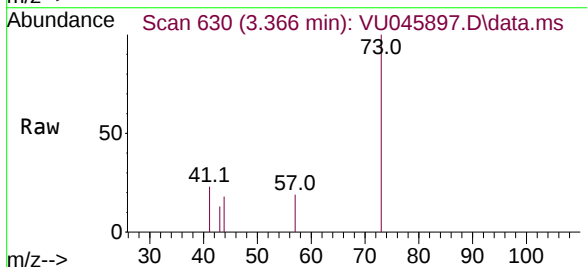
RT: 3.366 min Scan# 630

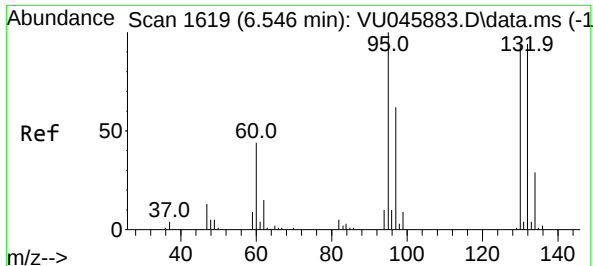
Delta R.T. -0.003 min

Lab File: VU045897.D

Acq: 19 Nov 2021 16:11

Tgt Ion:	73	Resp:	1598
Ion	Ratio	Lower	Upper
73	100		
43	5.8	14.8	22.2#
57	8.9	17.4	26.0#



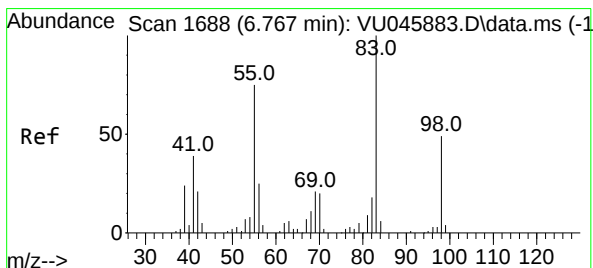
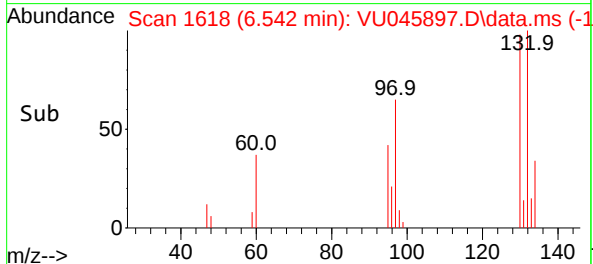
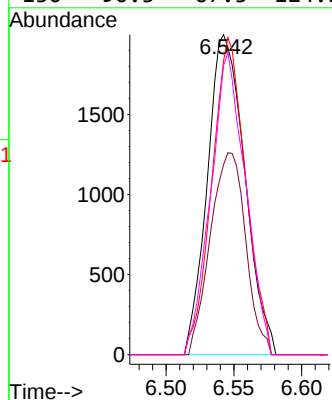
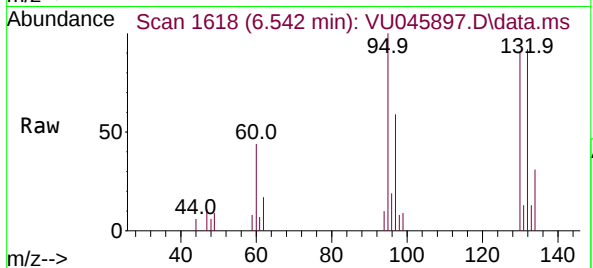


#34
Trichloroethene
Concen: 0.567 ug/L
RT: 6.542 min Scan# 1665
Delta R.T. -0.003 min
Lab File: VU045897.D
Acq: 19 Nov 2021 16:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3833

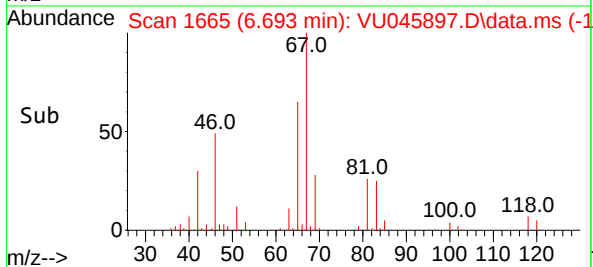
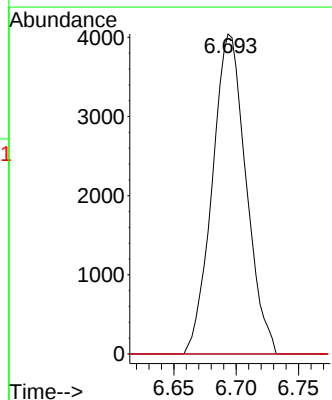
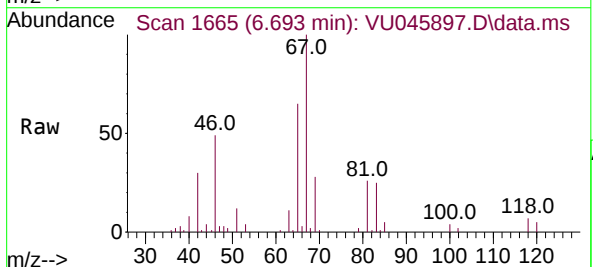
Ion	Ratio	Lower	Upper
95	100		
97	59.4	46.5	86.5
132	91.8	65.1	120.9
130	90.3	67.3	124.9

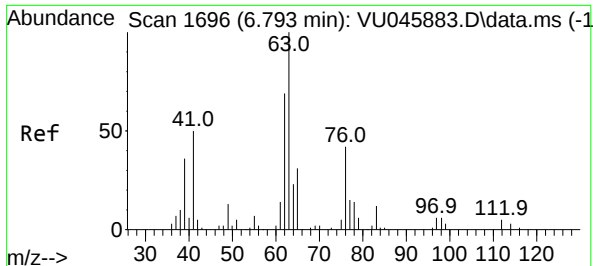


#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045897.D
Acq: 19 Nov 2021 16:11

Tgt Ion: 83 Resp: 7621

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	2.7	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.514 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045897.D

Acq: 19 Nov 2021 16:11

Instrument :

MSVOA_U

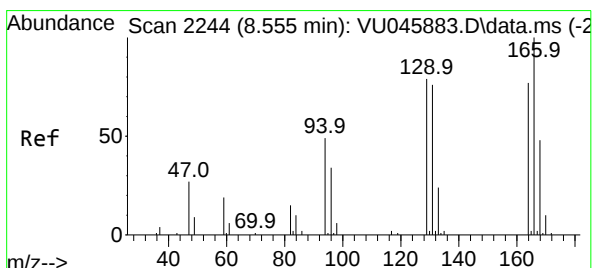
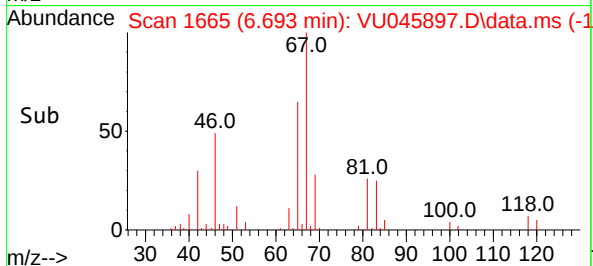
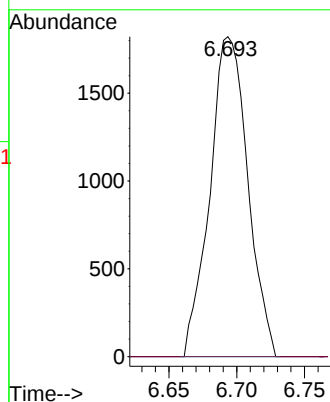
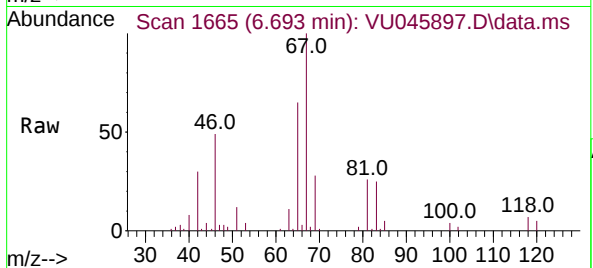
ClientSampleId :

Tgt Ion: 63 Resp: 3547

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.308 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU045897.D

Acq: 19 Nov 2021 16:11

Tgt Ion: 164 Resp: 1456

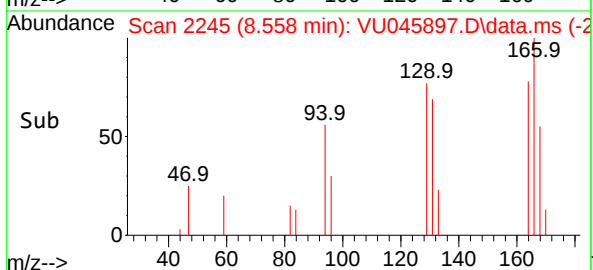
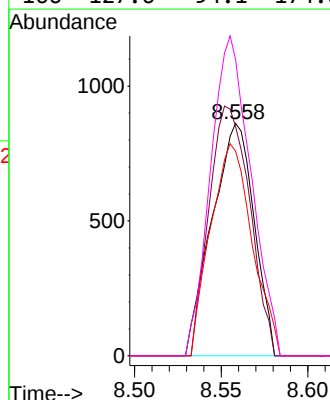
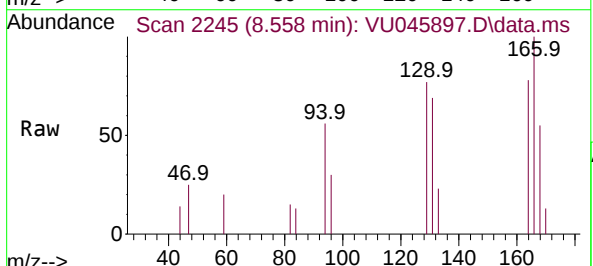
Ion Ratio Lower Upper

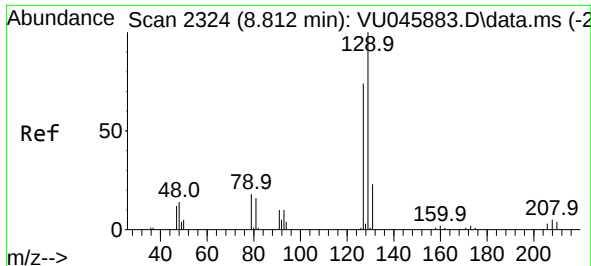
164 100

129 98.6 71.8 133.4

131 88.1 68.5 127.3

166 127.6 94.1 174.8





#49

Dibromochloromethane

Concen: 0.259 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.261 min

Lab File: VU045897.D

Acq: 19 Nov 2021 16:11

Instrument :

MSVOA_U

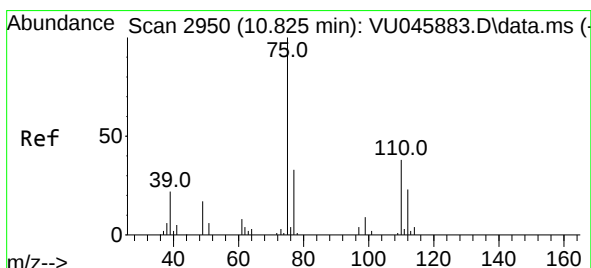
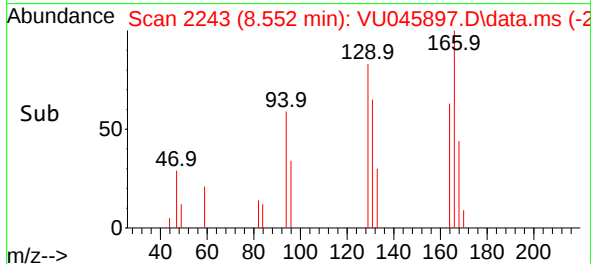
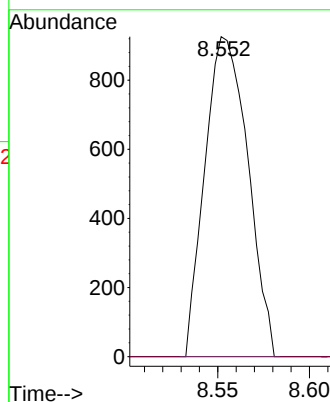
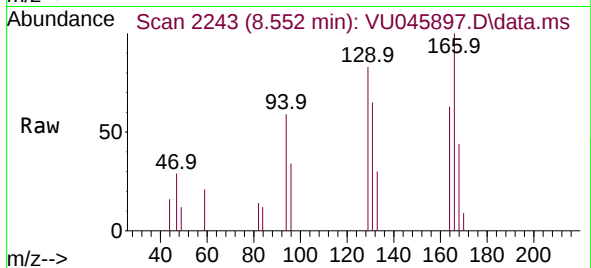
ClientSampleId :

Tgt Ion:129 Resp: 1510

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.220 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.990 min

Lab File: VU045897.D

Acq: 19 Nov 2021 16:11

Tgt Ion: 75 Resp: 5516

Ion Ratio Lower Upper

75 100

110 0.8 29.9 44.9#

77 32.1 25.5 38.3

