

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045902.D
 Acq On : 19 Nov 2021 18:36
 Operator : SY/MD
 Sample : M4752-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 03:55:07 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)

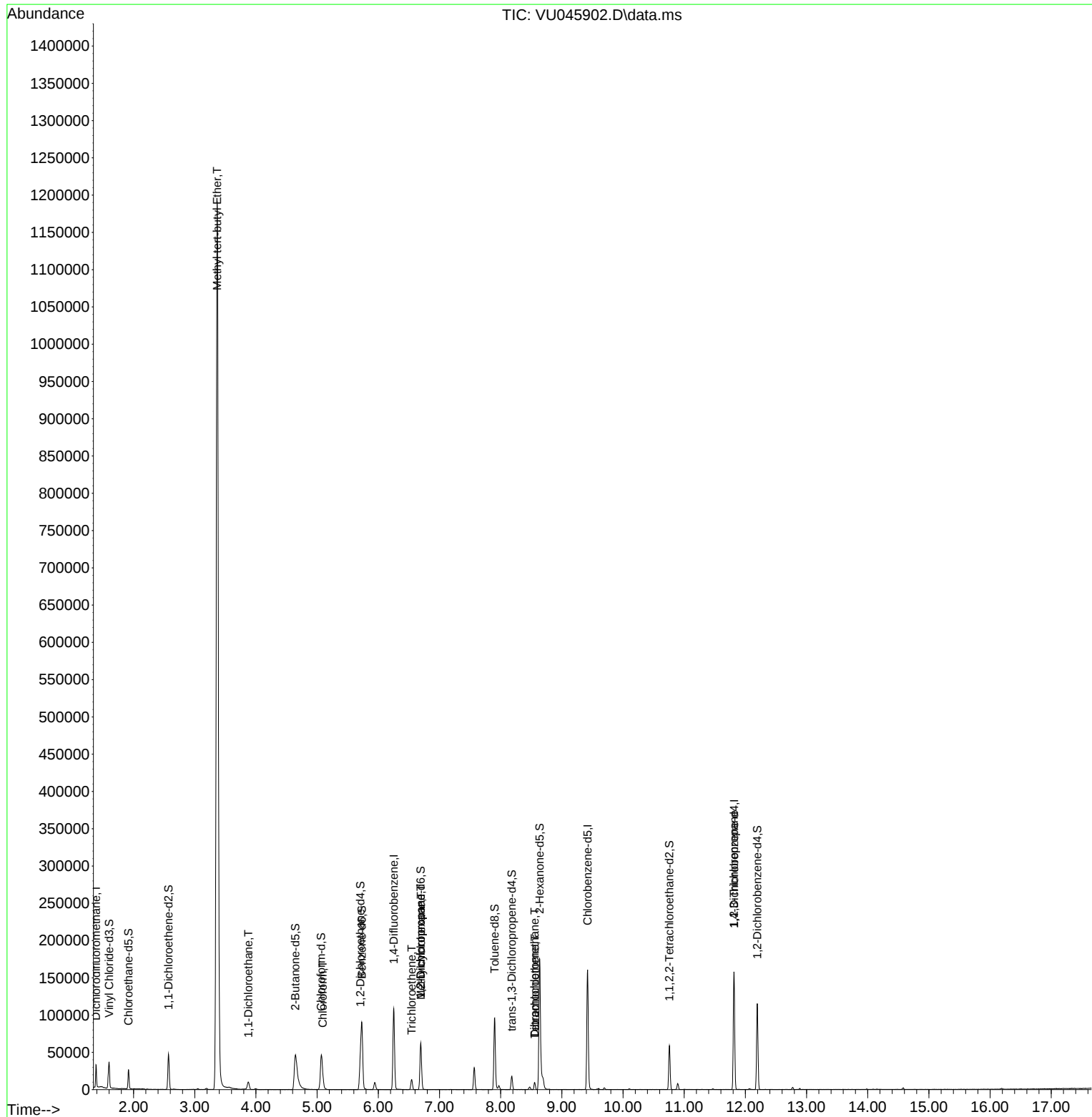
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87841	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92842	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	42012	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20849	2.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.916	69	18609	3.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.572	65	8831	3.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	4.645	46	101452	54.396	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.800%
24) Chloroform-d	5.067	84	41463	3.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	5.707	65	27898	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.732	84	83724	3.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.400%#
36) 1,2-Dichloropropane-d6	6.694	67	30029	3.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.903	98	67419	2.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.200%#
43) trans-1,3-Dichloroprop...	8.182	79	10783	3.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.636	63	63439	43.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29363	4.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	29744	4.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	16520	2.310	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	1417462	100.133	ug/L	99
19) 1,1-Dichloroethane	3.877	63	12012	1.100	ug/L	98
25) Chloroform	5.092	83	11171	0.943	ug/L	96
34) Trichloroethene	6.546	95	4839	0.725	ug/L	96
35) Methylcyclohexane	6.697	83	6733	0.657	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	3011	0.442	ug/L #	88
47) Tetrachloroethene	8.558	164	2105	0.450	ug/L	94
49) Dibromochloromethane	8.555	129	2255	0.391	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5457	1.251	ug/L #	66

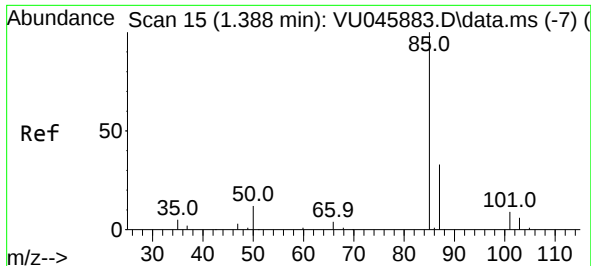
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

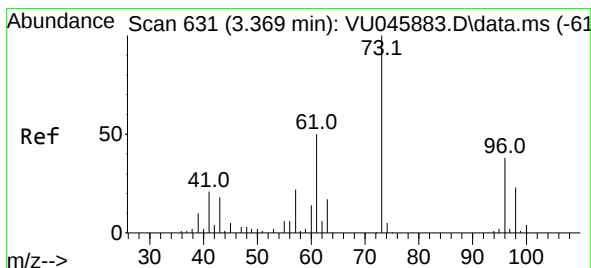
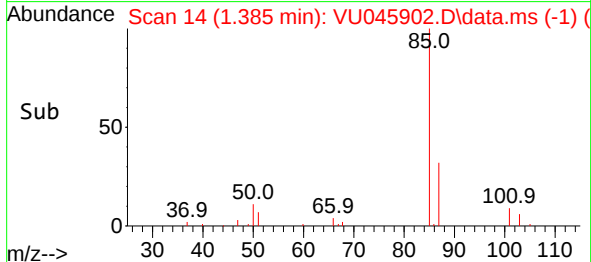
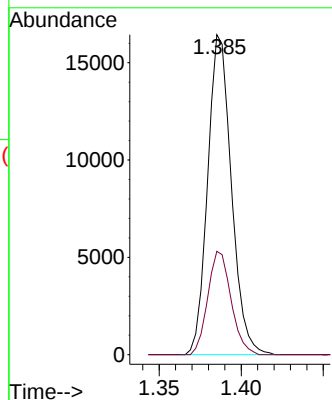
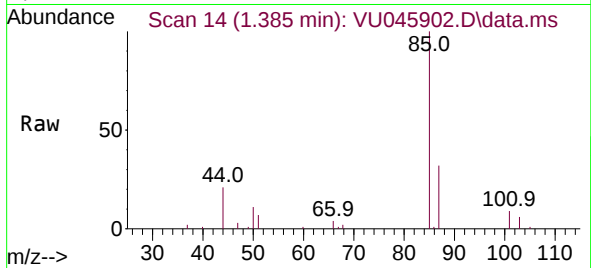




#2
 Dichlorodifluoromethane
 Concen: 2.310 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU045902.D
 Acq: 19 Nov 2021 18:36

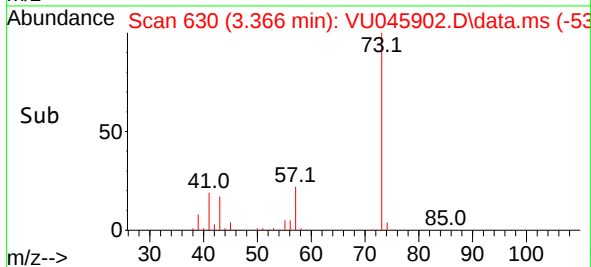
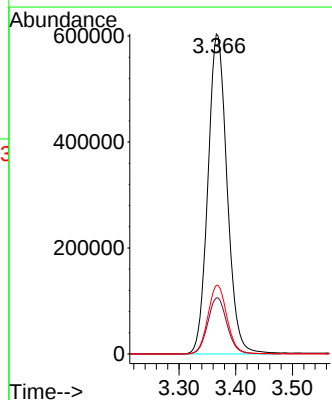
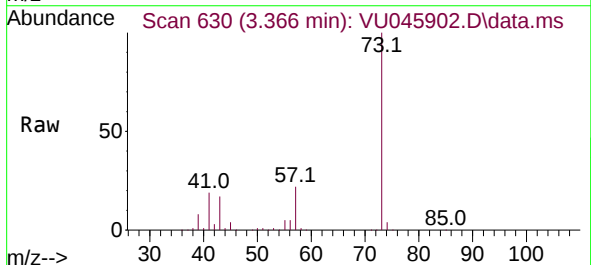
Instrument :
 MSVOA_U
 ClientSampleId :

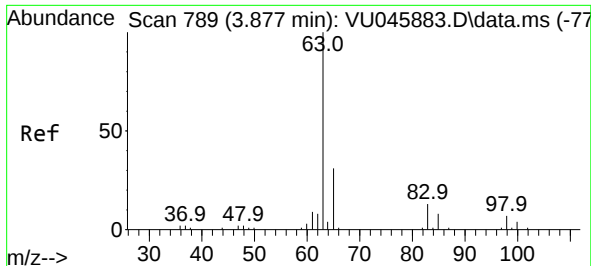
Tgt Ion: 85 Resp: 16520
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.6



#17
 Methyl tert-butyl Ether
 Concen: 100.133 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. -0.003 min
 Lab File: VU045902.D
 Acq: 19 Nov 2021 18:36

Tgt Ion: 73 Resp: 1417462
 Ion Ratio Lower Upper
 73 100
 43 17.8 14.8 22.2
 57 21.6 17.4 26.0





#19

1,1-Dichloroethane

Concen: 1.100 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

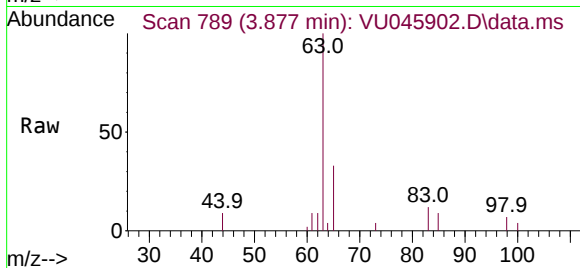
Lab File: VU045902.D

Acq: 19 Nov 2021 18:36

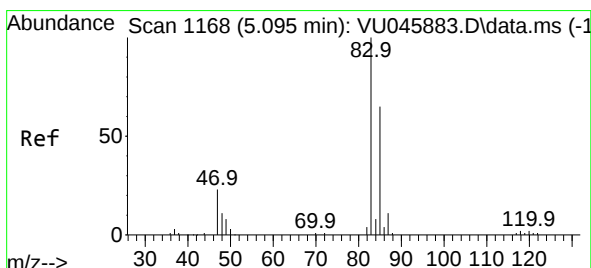
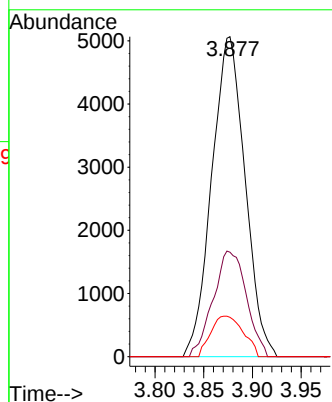
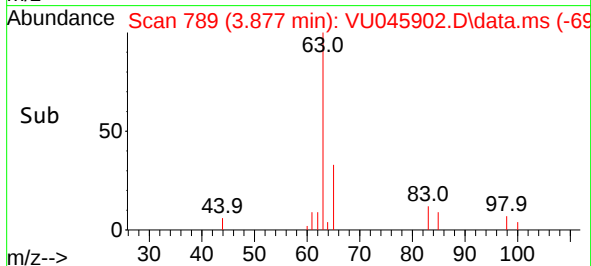
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	12012
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.3	41.5
83	12.3	9.6	17.8



#25

Chloroform

Concen: 0.943 ug/L

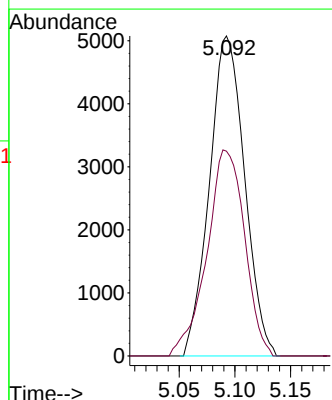
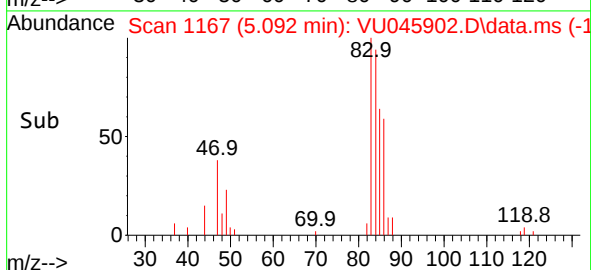
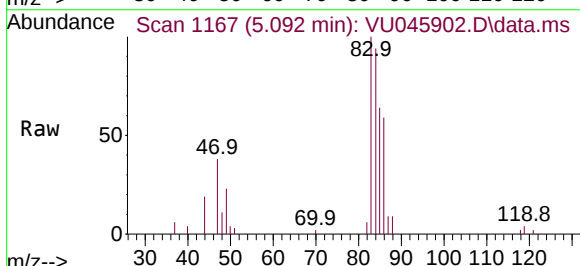
RT: 5.092 min Scan# 1167

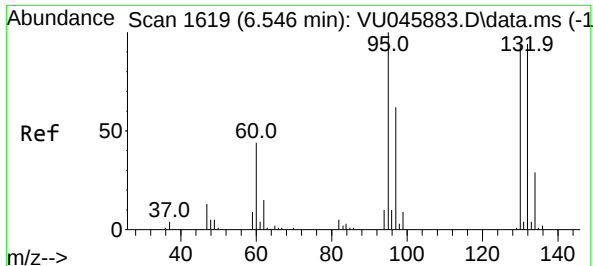
Delta R.T. -0.003 min

Lab File: VU045902.D

Acq: 19 Nov 2021 18:36

Tgt Ion:	83	Resp:	11171
Ion	Ratio	Lower	Upper
83	100		
85	64.0	46.9	87.1



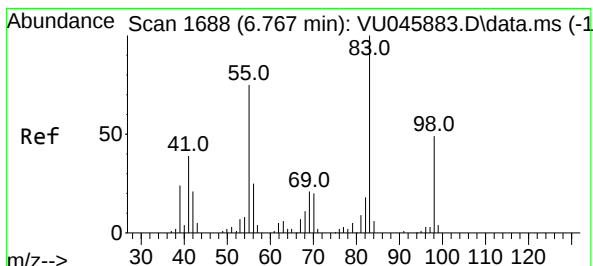
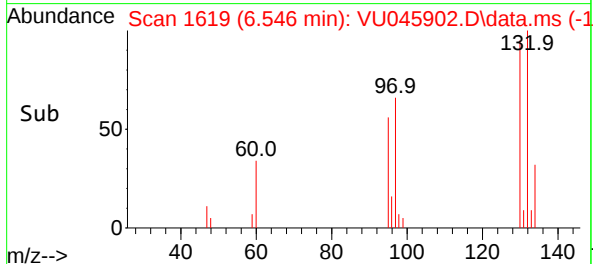
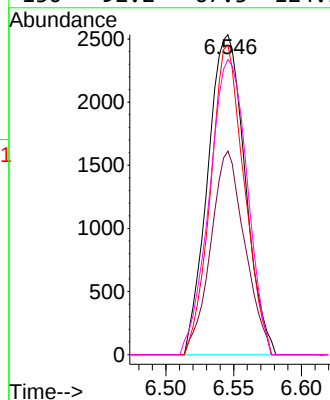
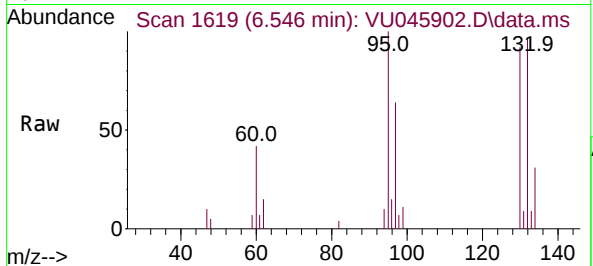


#34
Trichloroethene
Concen: 0.725 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045902.D
Acq: 19 Nov 2021 18:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4839

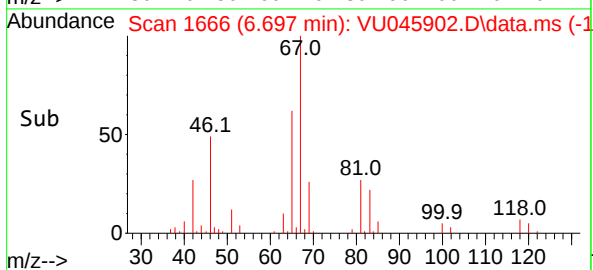
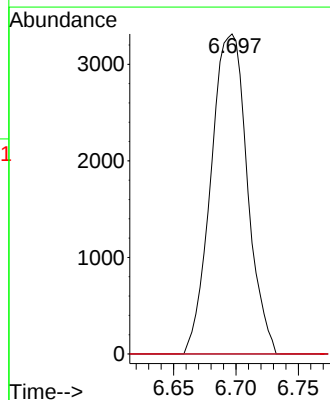
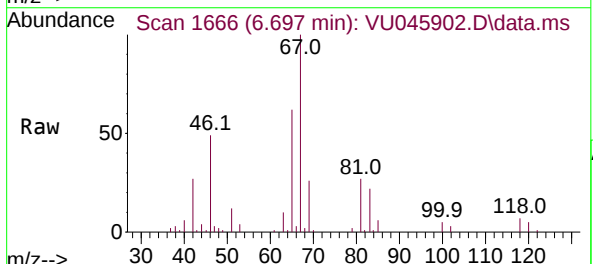
Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.5	86.5
132	96.7	65.1	120.9
130	92.2	67.3	124.9

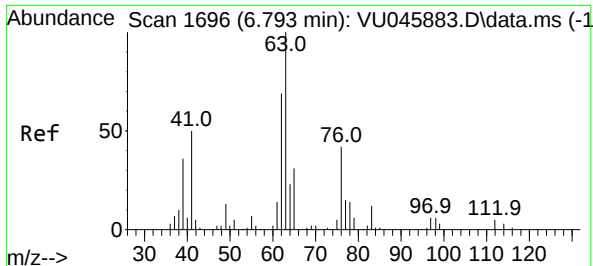


#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045902.D
Acq: 19 Nov 2021 18:36

Tgt Ion: 83 Resp: 6733

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	3.3	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.442 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045902.D

Acq: 19 Nov 2021 18:36

Instrument :

MSVOA_U

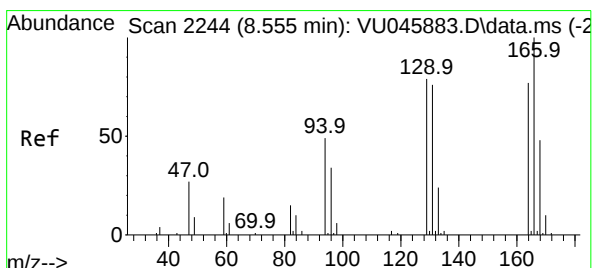
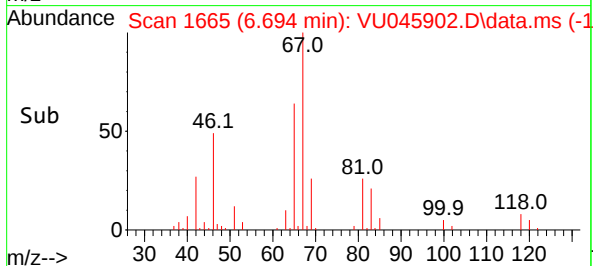
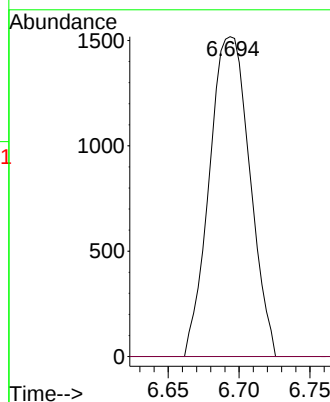
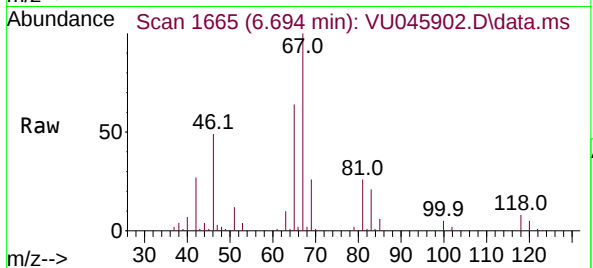
ClientSampleId :

Tgt Ion: 63 Resp: 3011

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.450 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU045902.D

Acq: 19 Nov 2021 18:36

Tgt Ion: 164 Resp: 2105

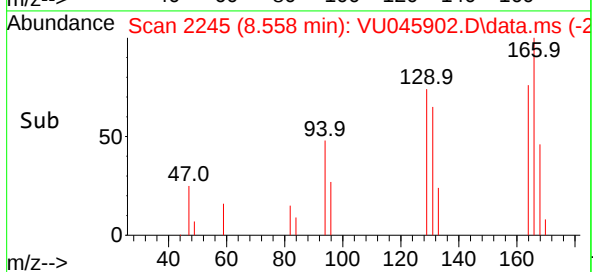
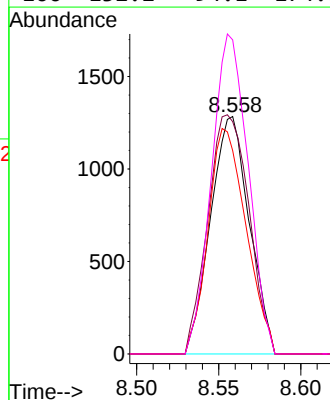
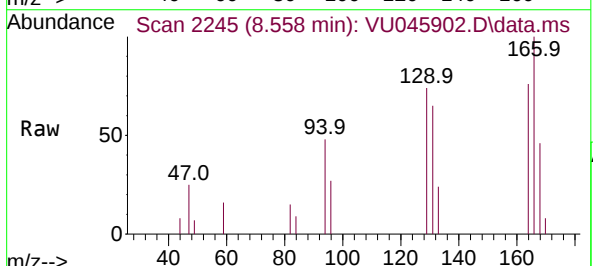
Ion Ratio Lower Upper

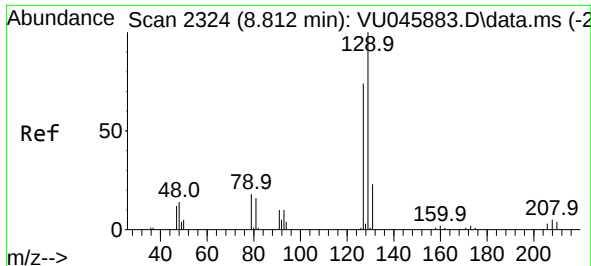
164 100

129 97.8 71.8 133.4

131 85.6 68.5 127.3

166 132.2 94.1 174.8





#49

Dibromochloromethane

Concen: 0.391 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045902.D

Acq: 19 Nov 2021 18:36

Instrument :

MSVOA_U

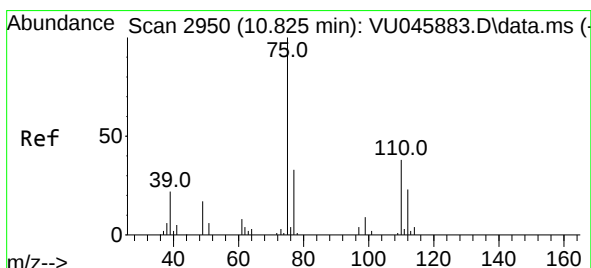
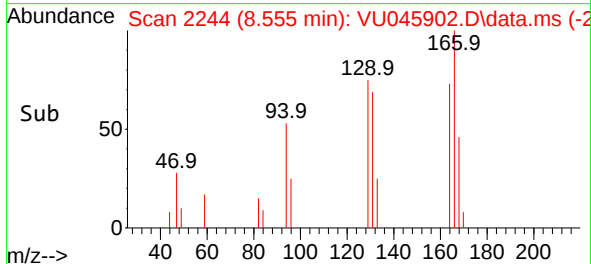
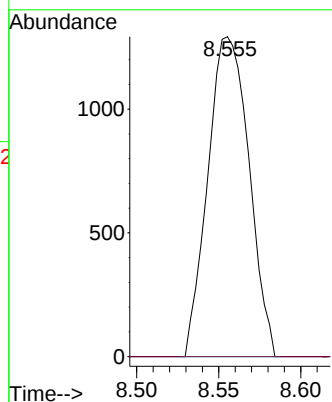
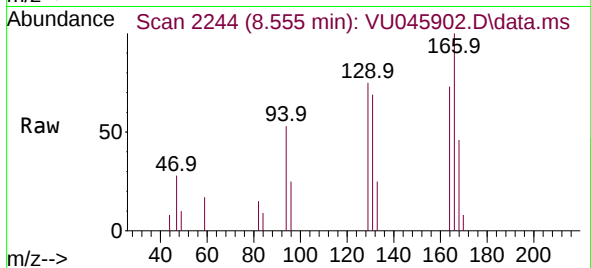
ClientSampleId :

Tgt Ion:129 Resp: 2255

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.251 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045902.D

Acq: 19 Nov 2021 18:36

Tgt Ion: 75 Resp: 5457

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 31.2 25.5 38.3

