

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045819.D
 Acq On : 16 Nov 2021 20:02
 Operator : SY/MD
 Sample : M4686-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 04:53:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

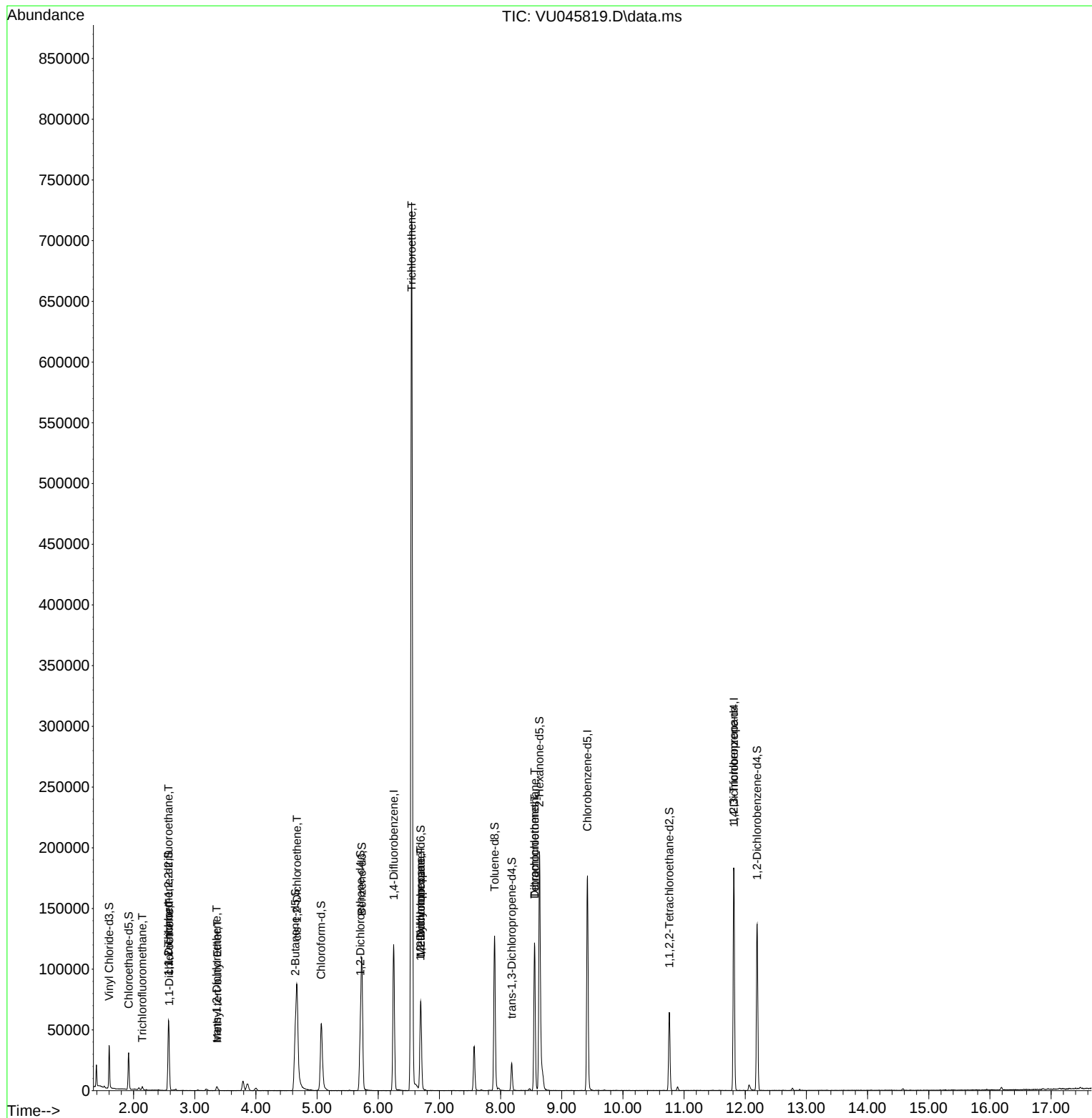
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96361	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	45958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	23457	3.072	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.919	69	21109	3.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.571	65	11040	3.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.645	46	103292	50.486	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.980%
24) Chloroform-d	5.067	84	48044	3.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
26) 1,2-Dichloroethane-d4	5.706	65	31902	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.732	84	102566	3.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
36) 1,2-Dichloropropane-d6	6.693	67	35338	4.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.902	98	86832	3.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.182	79	13037	3.687	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.636	63	70528	44.319	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32985	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	35237	4.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	1685	0.156	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	547	0.087	ug/L #	35
12) 1,1-Dichloroethene	2.584	96	789	0.132	ug/L #	1
17) Methyl tert-butyl Ether	3.369	73	2419	0.156	ug/L	96
18) trans-1,2-Dichloroethene	3.359	96	576	0.090	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	30592	4.413	ug/L	96
34) Trichloroethene	6.546	95	250344	34.689	ug/L	99
35) Methylcyclohexane	6.693	83	8443	0.762	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	3832	0.520	ug/L #	88
47) Tetrachloroethene	8.555	164	26402	5.226	ug/L	97
49) Dibromochloromethane	8.555	129	26091	4.187	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5988	1.255	ug/L #	67

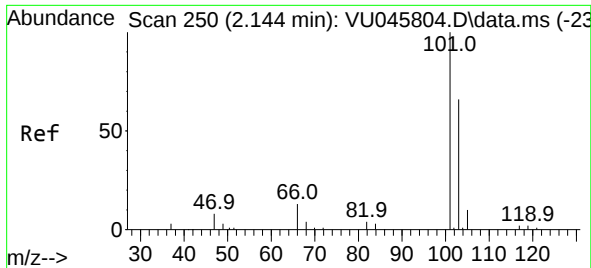
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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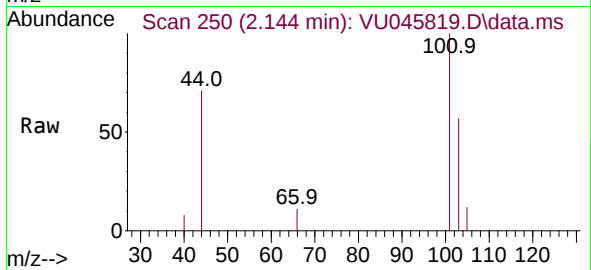
Quant Time: Nov 17 04:53:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 04:49:52 2021
Response via : Initial Calibration



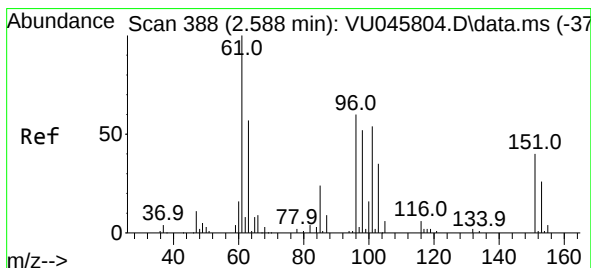
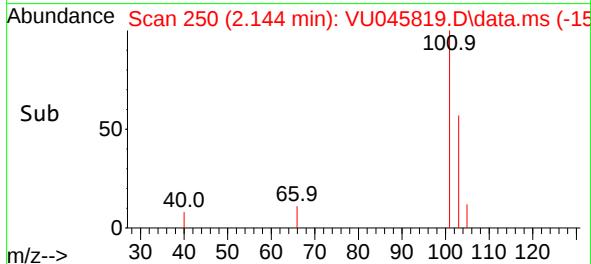
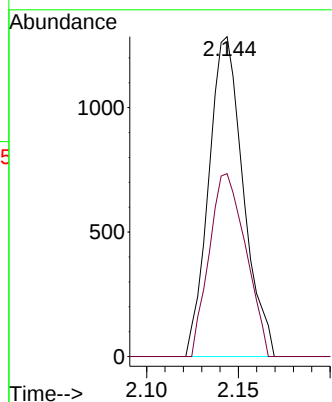


#9
Trichlorofluoromethane
Concen: 0.156 ug/L
RT: 2.144 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045819.D
Acq: 16 Nov 2021 20:02

Instrument :
MSVOA_U
ClientSampleId :

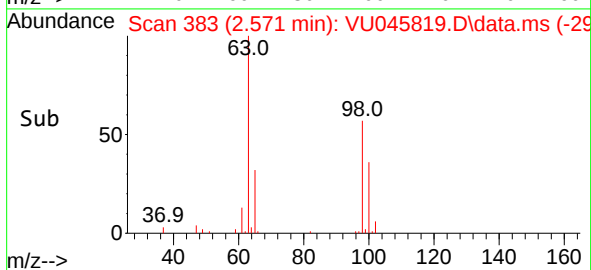
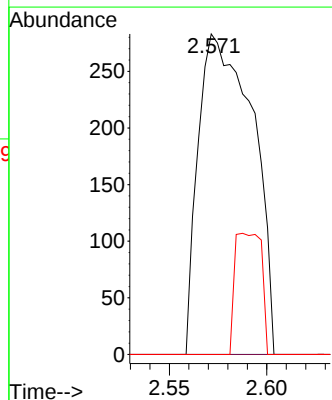
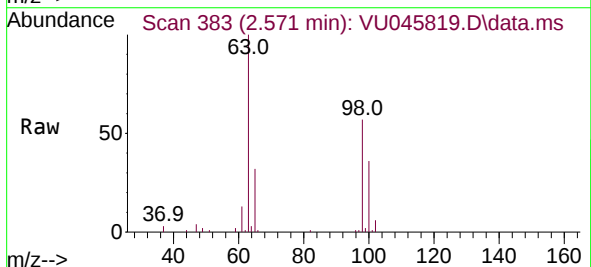


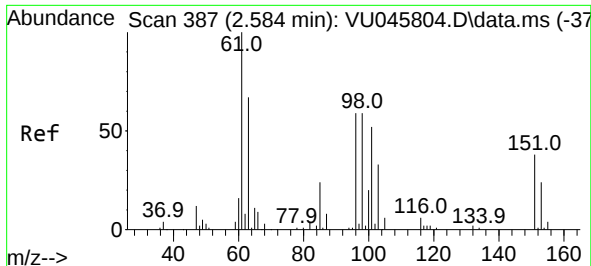
Tgt Ion:101 Resp: 1685
Ion Ratio Lower Upper
101 100
103 60.4 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU045819.D
Acq: 16 Nov 2021 20:02

Tgt Ion:101 Resp: 547
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 18.5 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.132 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045819.D

Acq: 16 Nov 2021 20:02

Instrument :

MSVOA_U

ClientSampleId :

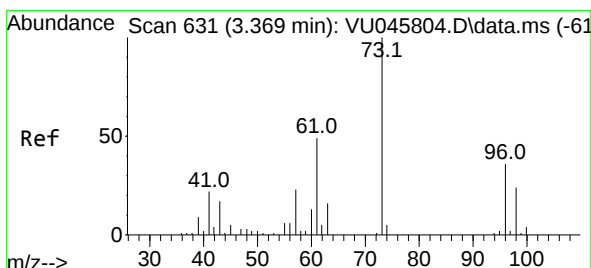
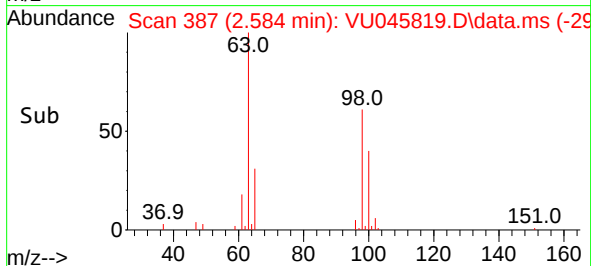
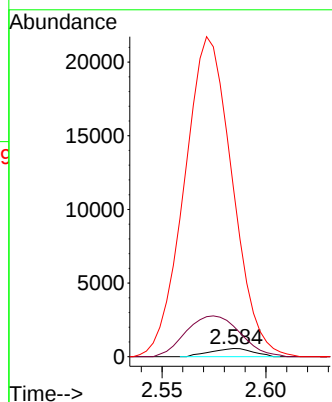
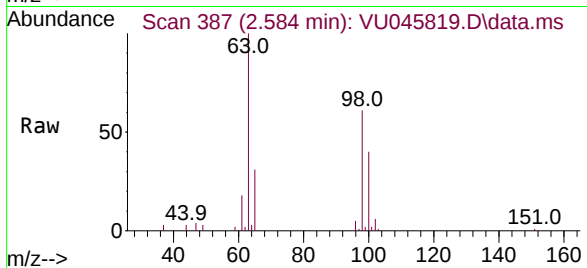
Tgt Ion: 96 Resp: 789

Ion Ratio Lower Upper

96 100

61 375.4 124.7 231.5#

63 2068.0 105.2 195.4#



#17

Methyl tert-butyl Ether

Concen: 0.156 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.000 min

Lab File: VU045819.D

Acq: 16 Nov 2021 20:02

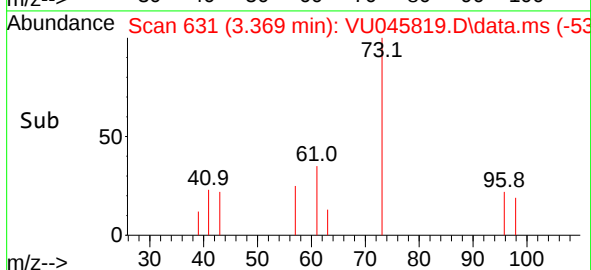
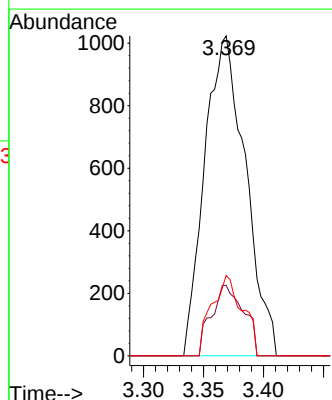
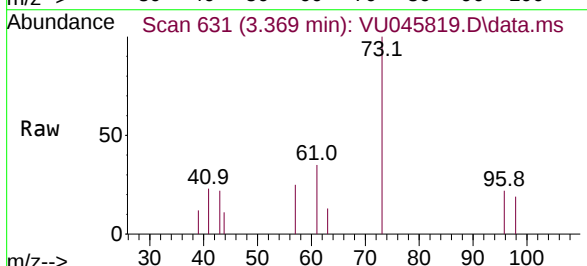
Tgt Ion: 73 Resp: 2419

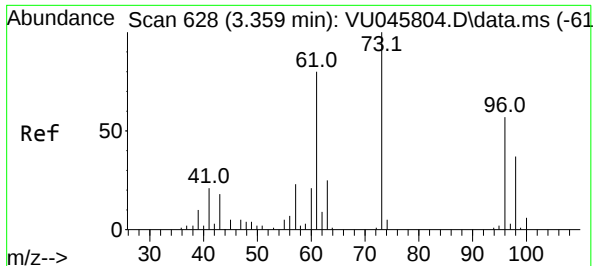
Ion Ratio Lower Upper

73 100

43 17.5 14.8 22.2

57 18.9 17.4 26.0





#18

trans-1,2-Dichloroethene

Concen: 0.090 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045819.D

Acq: 16 Nov 2021 20:02

Instrument :

MSVOA_U

ClientSampleId :

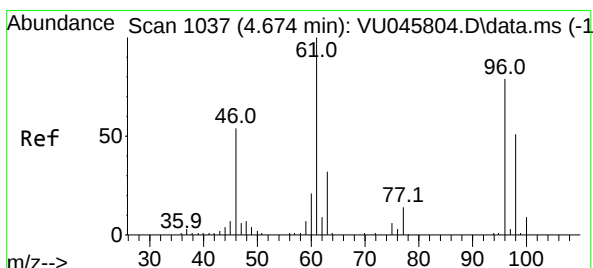
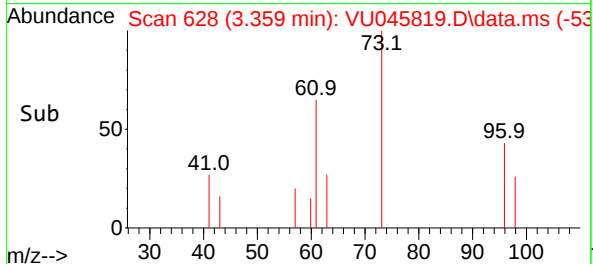
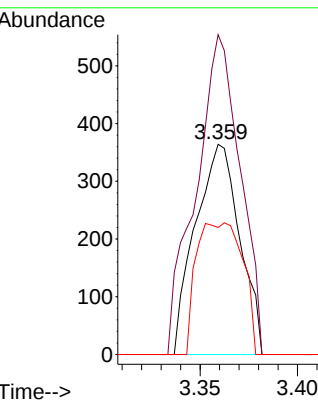
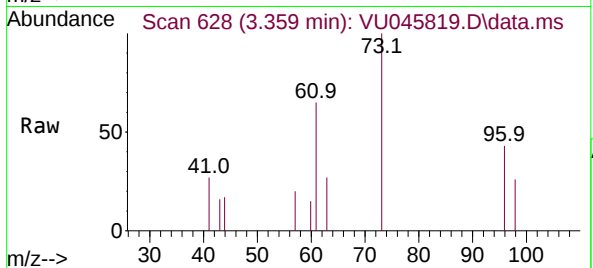
Tgt Ion: 96 Resp: 576

Ion Ratio Lower Upper

96 100

61 152.2 100.8 187.2

98 60.4 45.1 83.7



#22

cis-1,2-Dichloroethene

Concen: 4.413 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045819.D

Acq: 16 Nov 2021 20:02

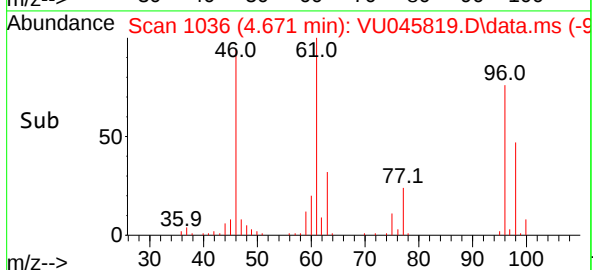
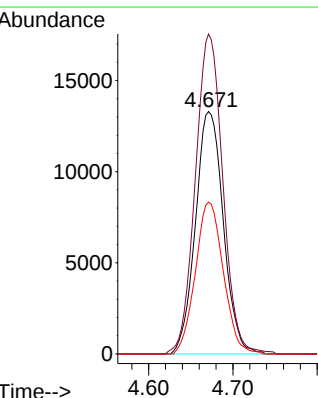
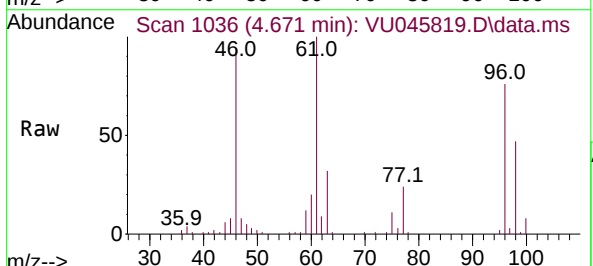
Tgt Ion: 96 Resp: 30592

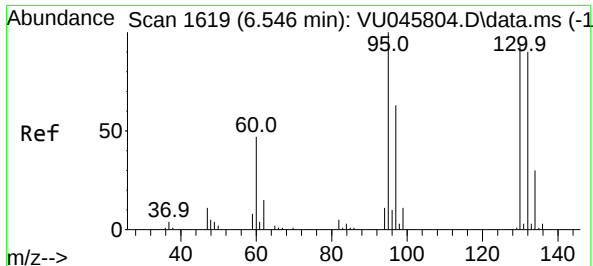
Ion Ratio Lower Upper

96 100

61 132.0 88.5 164.3

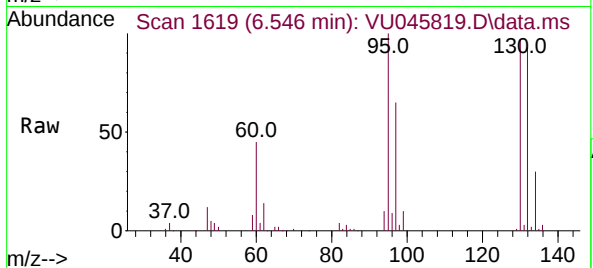
98 62.6 44.4 82.5





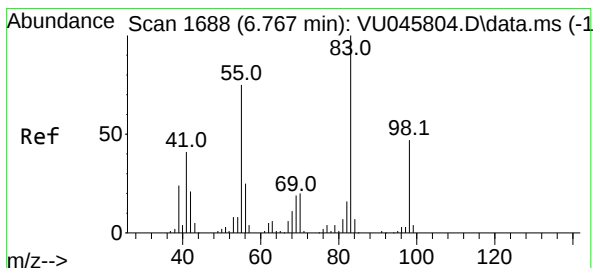
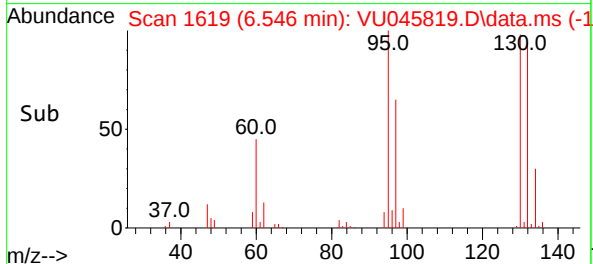
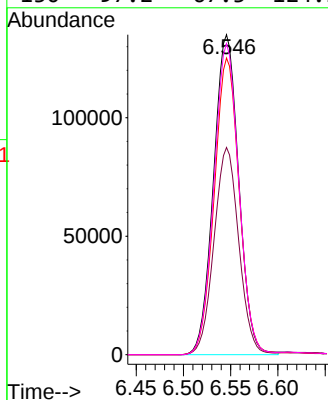
#34
Trichloroethene
Concen: 34.689 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045819.D
Acq: 16 Nov 2021 20:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 250344

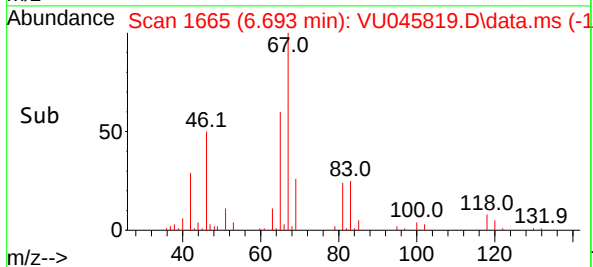
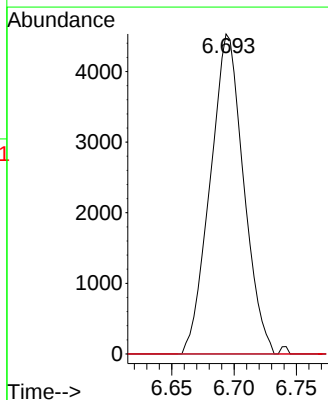
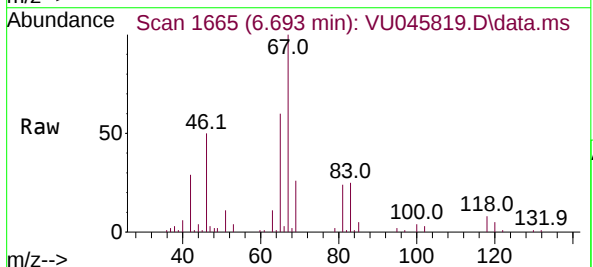
Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.5	86.5
132	92.7	65.1	120.9
130	97.2	67.3	124.9

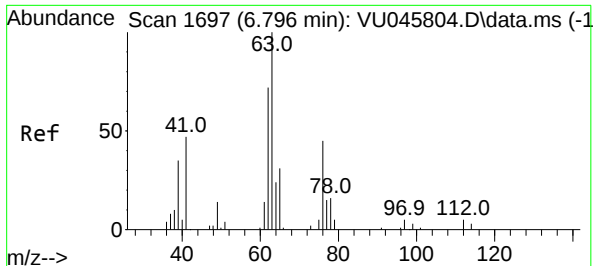


#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045819.D
Acq: 16 Nov 2021 20:02

Tgt Ion: 83 Resp: 8443

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: 0.520 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU045819.D

Acq: 16 Nov 2021 20:02

Instrument :

MSVOA_U

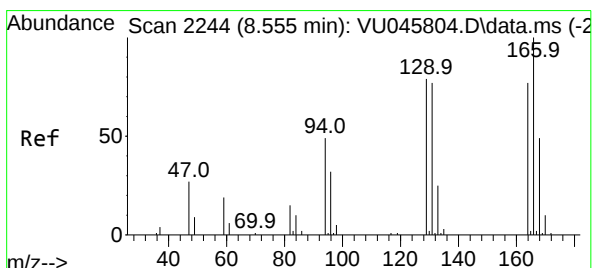
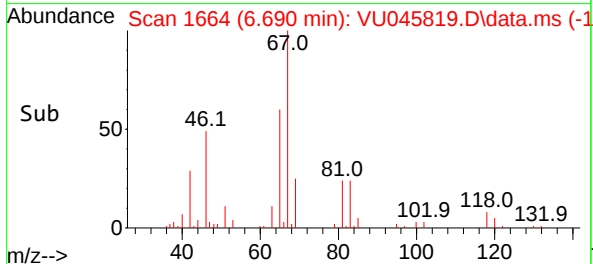
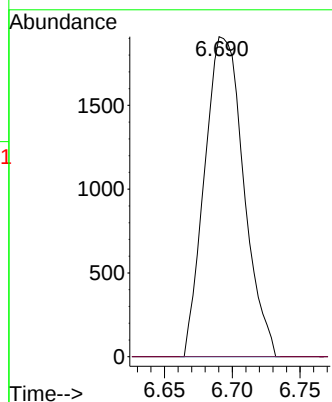
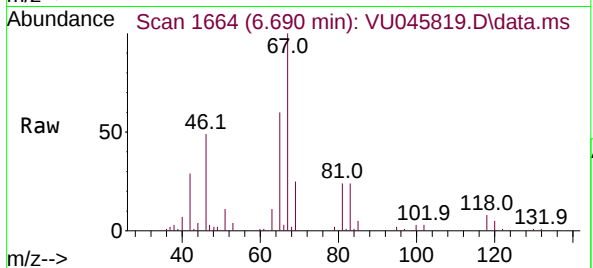
ClientSampleId :

Tgt Ion: 63 Resp: 3832

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 5.226 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU045819.D

Acq: 16 Nov 2021 20:02

Tgt Ion: 164 Resp: 26402

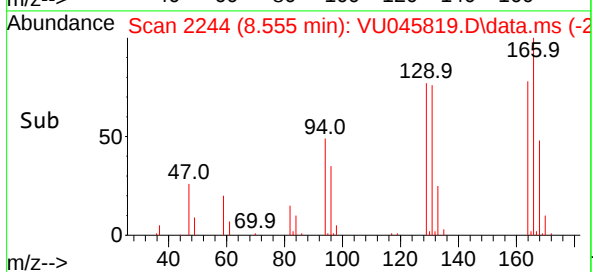
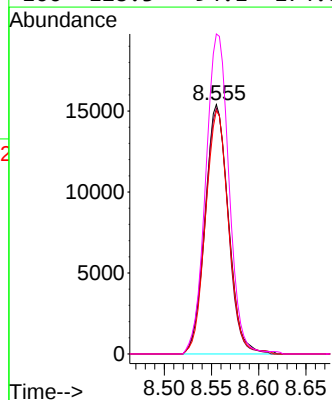
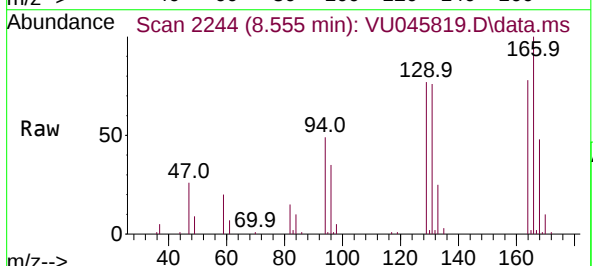
Ion Ratio Lower Upper

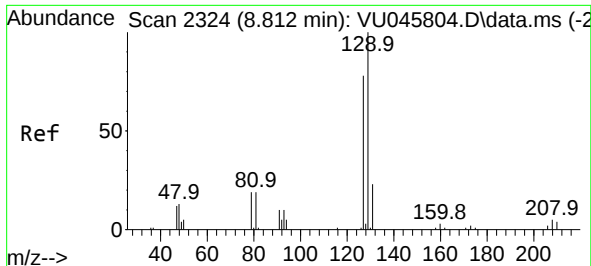
164 100

129 98.6 71.8 133.4

131 97.5 68.5 127.3

166 128.3 94.1 174.8

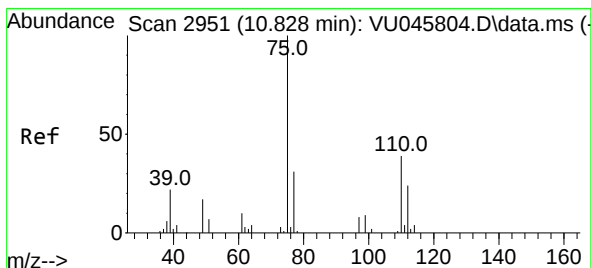
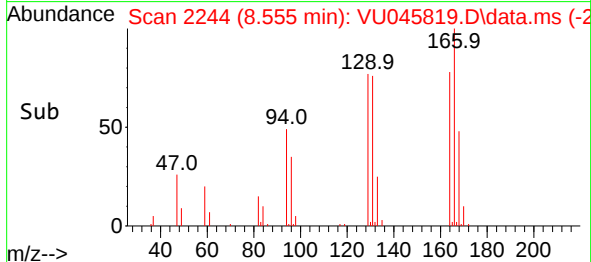
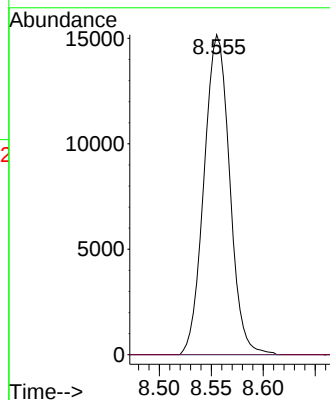
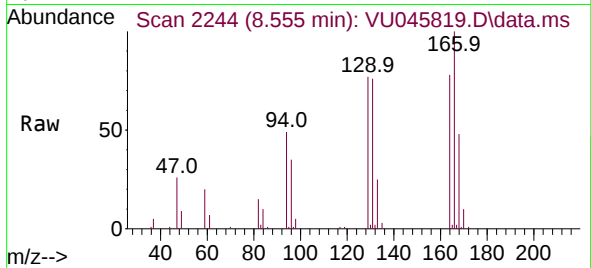




#49
Dibromochloromethane
Concen: 4.187 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU045819.D
Acq: 16 Nov 2021 20:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 26091
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.255 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.984 min
Lab File: VU045819.D
Acq: 16 Nov 2021 20:02

Tgt Ion: 75 Resp: 5988
Ion Ratio Lower Upper
75 100
110 1.6 29.9 44.9#
77 31.2 25.5 38.3

