

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045887.D
 Acq On : 19 Nov 2021 12:07
 Operator : SY/MD
 Sample : M4686-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 03:52:26 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	90847	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44918	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28283	3.929	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.919	69	24025	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.571	65	12402	4.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.645	46	106819	55.379	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.760%
24) Chloroform-d	5.070	84	51693	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.706	65	32642	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.732	84	110979	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.693	67	36531	4.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.902	98	94990	3.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.182	79	14029	4.126	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.635	63	73517	48.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34057	4.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	38584	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%

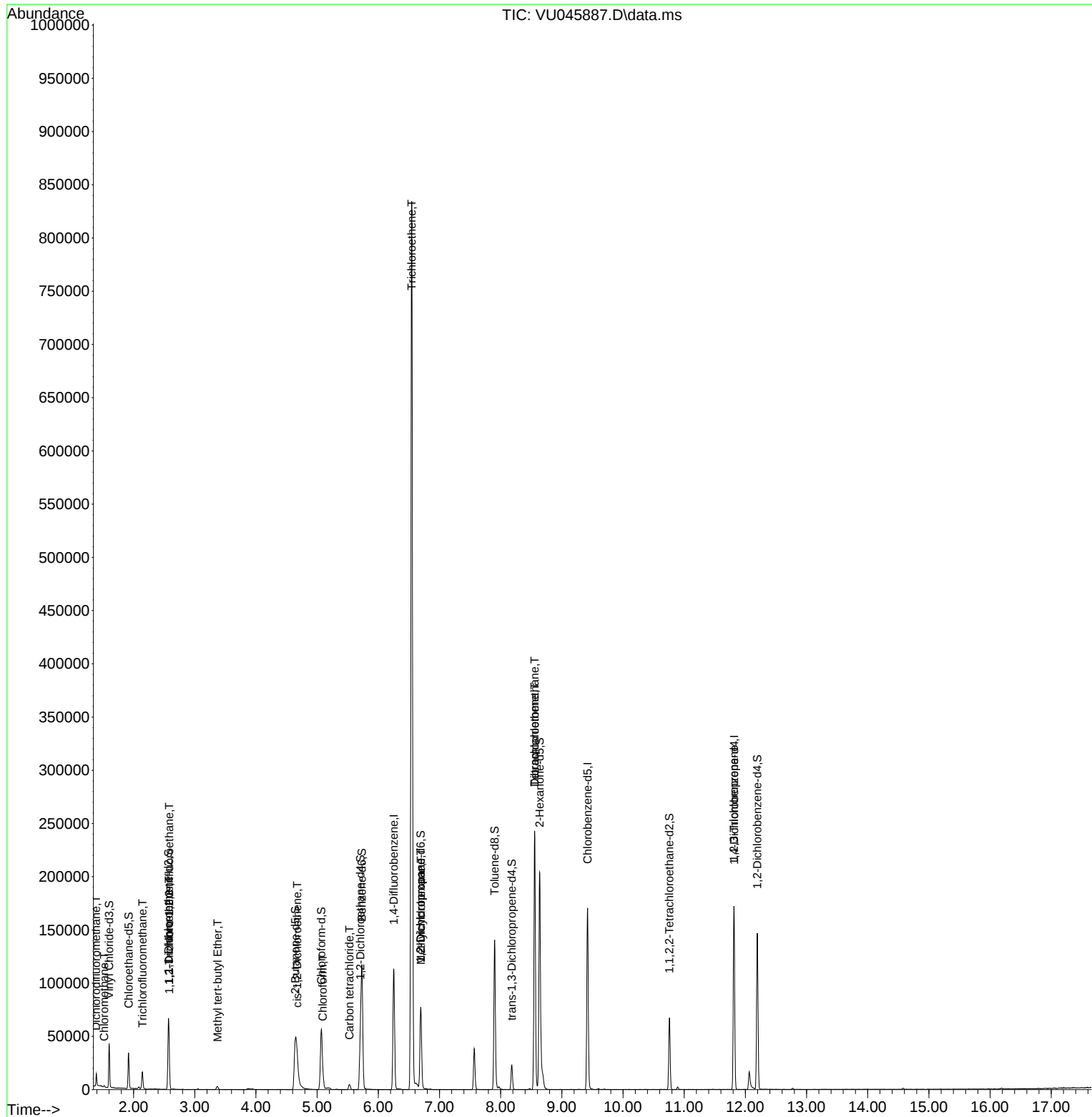
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	658	0.089	ug/L #	84
3) Chloromethane	1.520	50	1214	0.155	ug/L	90
9) Trichlorofluoromethane	2.144	101	10128	0.997	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	861	0.145	ug/L #	54
12) 1,1-Dichloroethene	2.578	96	885	0.157	ug/L #	1
17) Methyl tert-butyl Ether	3.372	73	3286	0.224	ug/L #	84
22) cis-1,2-Dichloroethene	4.674	96	6194	0.948	ug/L	94
25) Chloroform	5.092	83	8870	0.724	ug/L	91
31) Carbon tetrachloride	5.526	117	3580	0.406	ug/L	99
34) Trichloroethene	6.546	95	286974	41.354	ug/L	99
35) Methylcyclohexane	6.697	83	8950	0.840	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	3832	0.541	ug/L #	88
47) Tetrachloroethene	8.555	164	54002	11.116	ug/L	92
49) Dibromochloromethane	8.555	129	53087	8.860	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5934	1.273	ug/L #	66

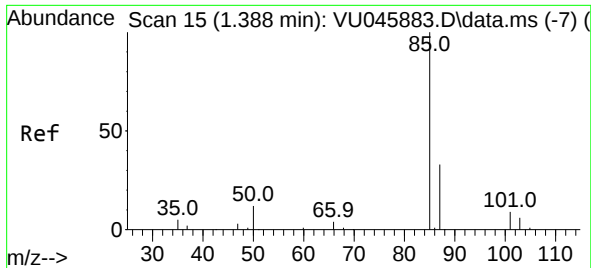
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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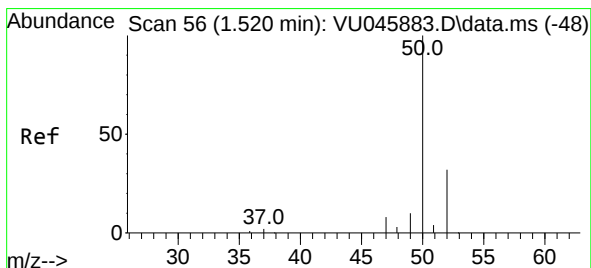
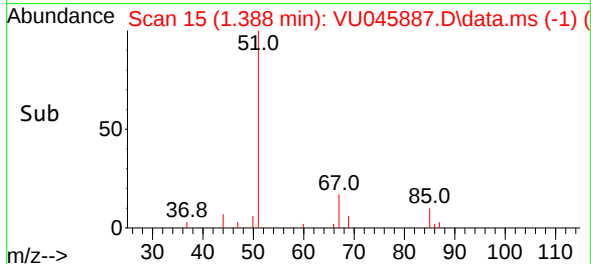
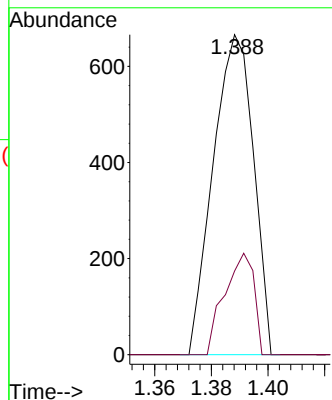
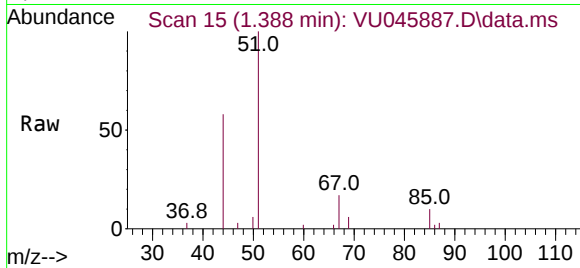




#2
 Dichlorodifluoromethane
 Concen: 0.089 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU045887.D
 Acq: 19 Nov 2021 12:07

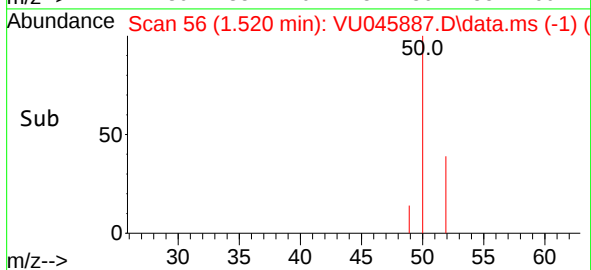
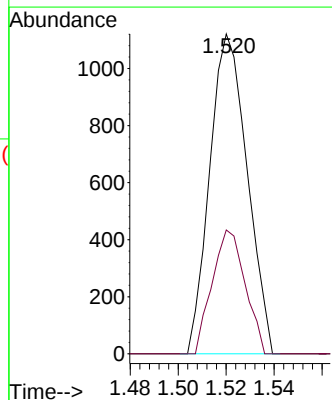
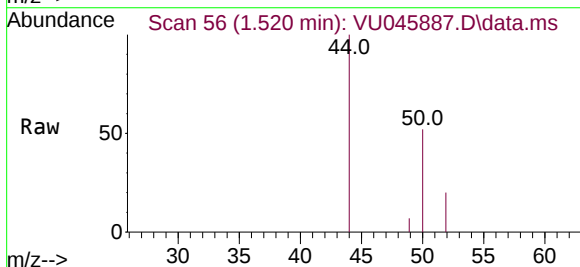
Instrument :
 MSVOA_U
 ClientSampleId :

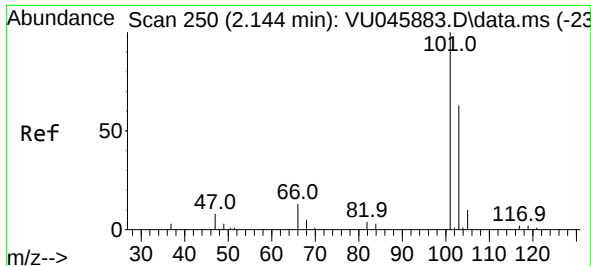
Tgt Ion: 85 Resp: 658
 Ion Ratio Lower Upper
 85 100
 87 23.1 25.8 38.6#



#3
 Chloromethane
 Concen: 0.155 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU045887.D
 Acq: 19 Nov 2021 12:07

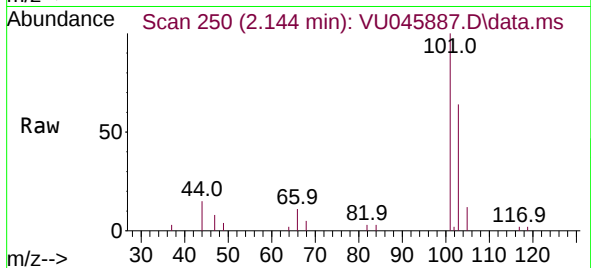
Tgt Ion: 50 Resp: 1214
 Ion Ratio Lower Upper
 50 100
 52 38.7 23.0 42.8



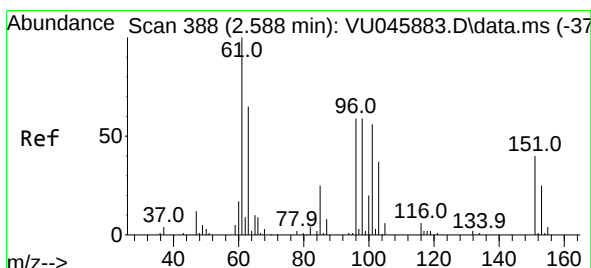
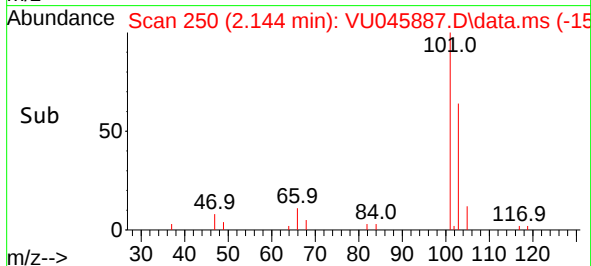
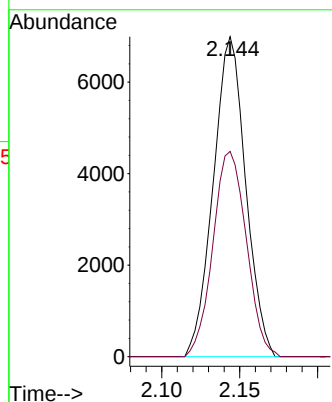


#9
Trichlorofluoromethane
Concen: 0.997 ug/L
RT: 2.144 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU045887.D
Acq: 19 Nov 2021 12:07

Instrument :
MSVOA_U
ClientSampleId :

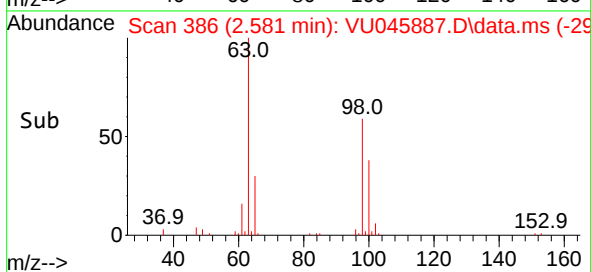
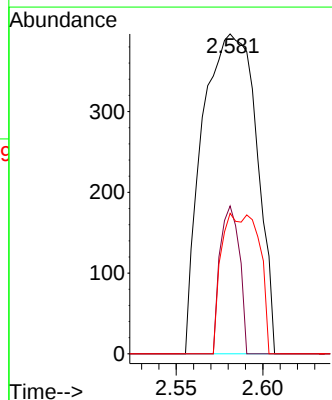
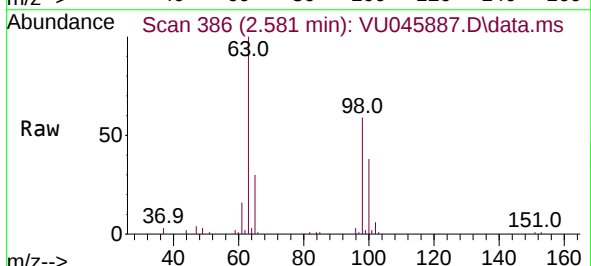


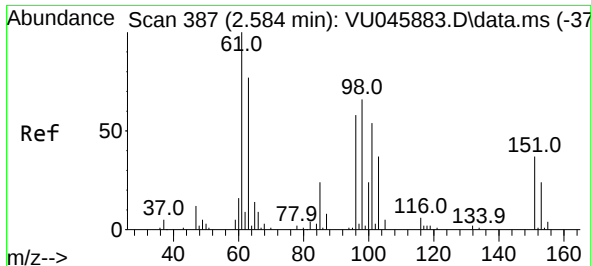
Tgt Ion:101 Resp: 10128
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.145 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU045887.D
Acq: 19 Nov 2021 12:07

Tgt Ion:101 Resp: 861
Ion Ratio Lower Upper
101 100
85 16.6 34.6 51.8#
151 30.5 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.157 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.006 min

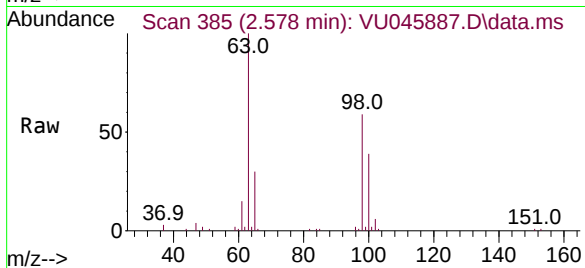
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Acq: 19 Nov 2021 12:07

Instrument :

MSVOA_U

ClientSampleId :



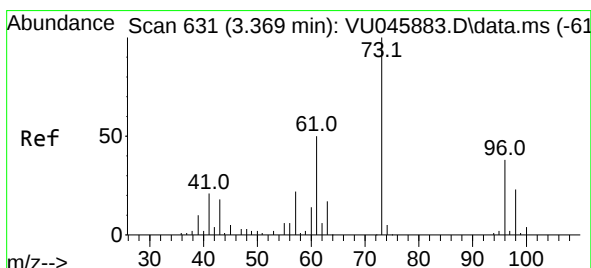
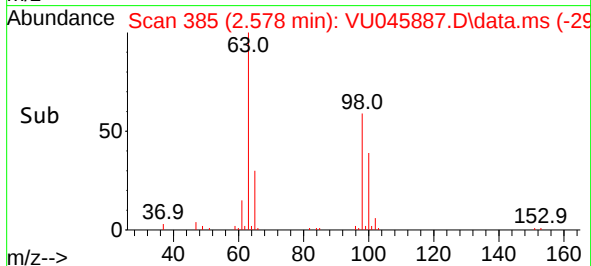
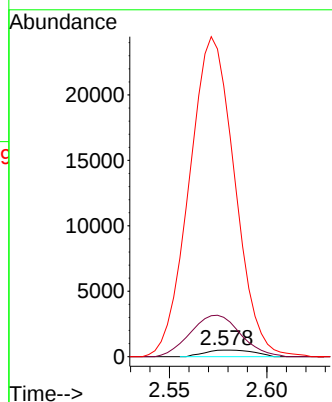
Tgt Ion: 96 Resp: 885

Ion Ratio Lower Upper

96 100

61 601.8 124.7 231.5#

63 4144.0 105.2 195.4#



#17

Methyl tert-butyl Ether

Concen: 0.224 ug/L

RT: 3.372 min Scan# 632

Delta R.T. 0.003 min

Lab File: VU045887.D

Acq: 19 Nov 2021 12:07

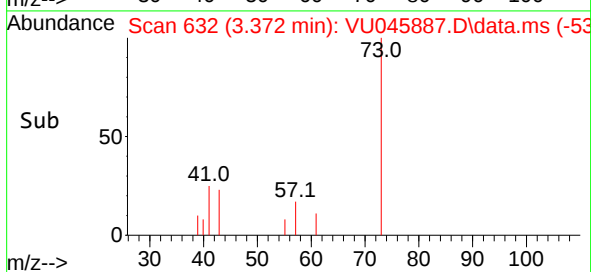
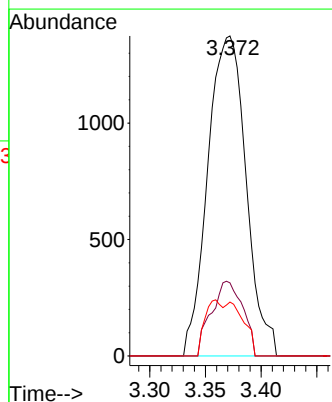
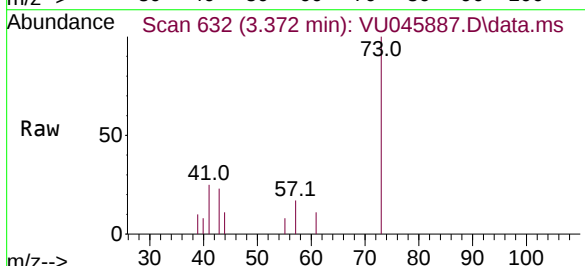
Tgt Ion: 73 Resp: 3286

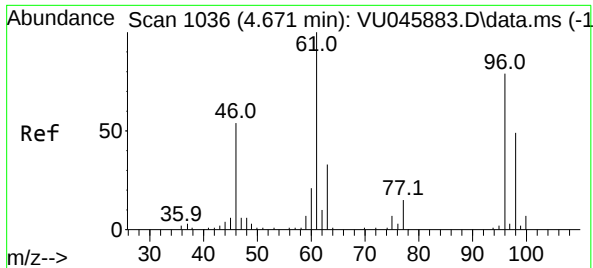
Ion Ratio Lower Upper

73 100

43 19.2 14.8 22.2

57 8.2 17.4 26.0#





#22

cis-1,2-Dichloroethene

Concen: 0.948 ug/L

RT: 4.674 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU045887.D

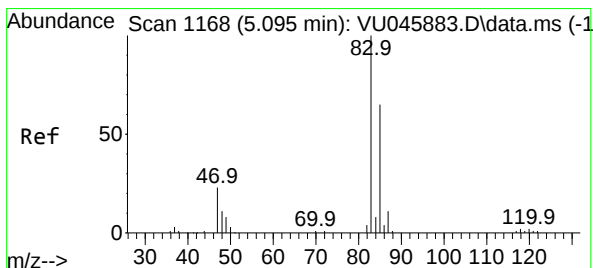
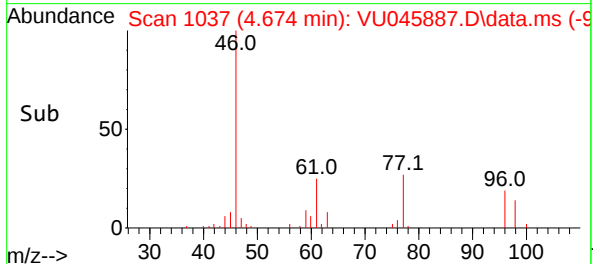
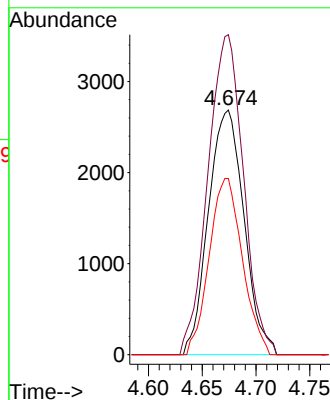
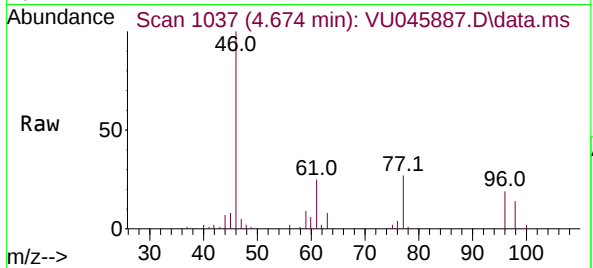
Acq: 19 Nov 2021 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96	Resp: 6194
Ion Ratio	Lower Upper
96 100	
61 130.8	88.5 164.3
98 72.0	44.4 82.5



#25

Chloroform

Concen: 0.724 ug/L

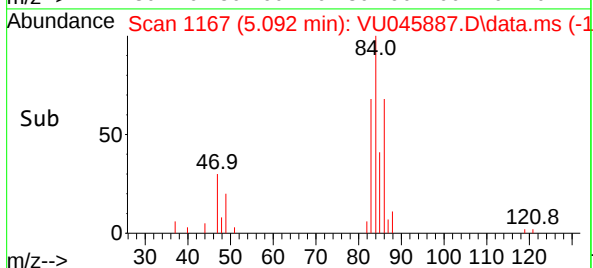
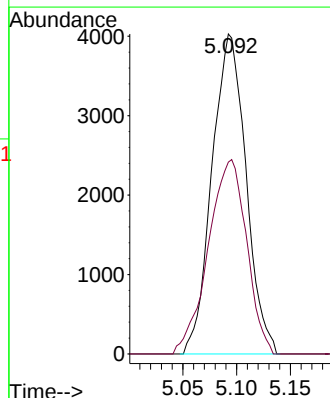
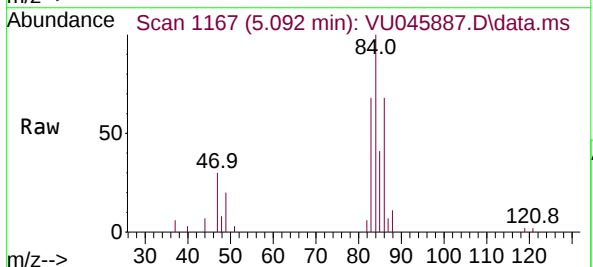
RT: 5.092 min Scan# 1167

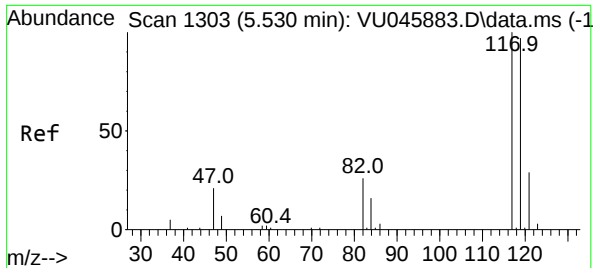
Delta R.T. -0.003 min

Lab File: VU045887.D

Acq: 19 Nov 2021 12:07

Tgt Ion: 83	Resp: 8870
Ion Ratio	Lower Upper
83 100	
85 60.0	46.9 87.1

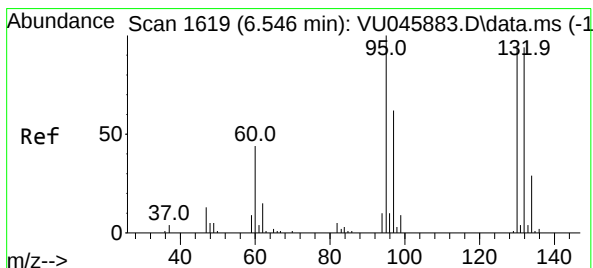
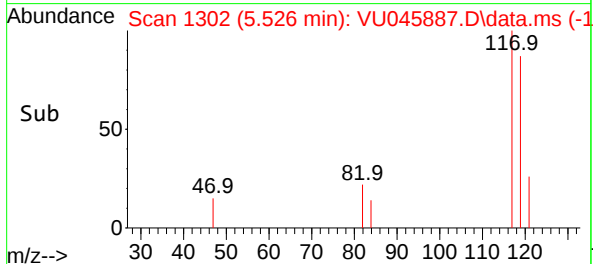
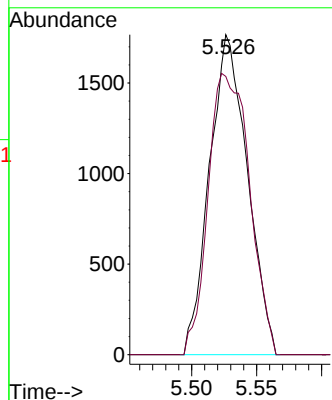
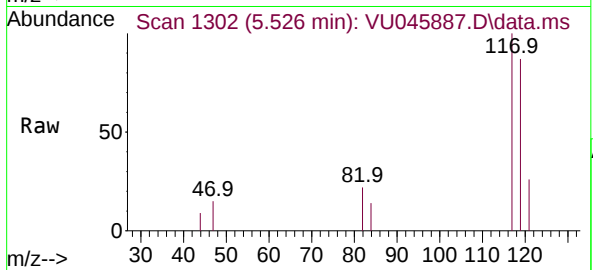




#31
Carbon tetrachloride
Concen: 0.406 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU045887.D
Acq: 19 Nov 2021 12:07

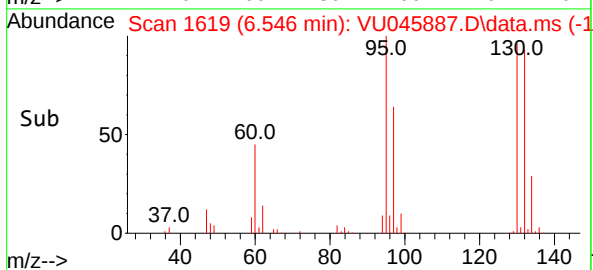
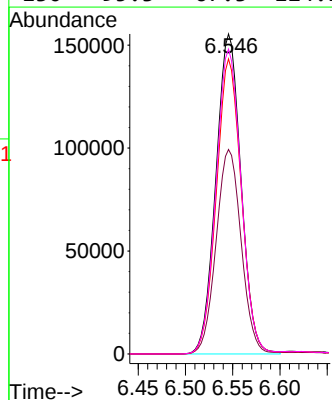
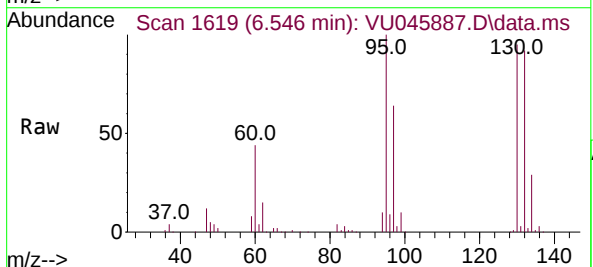
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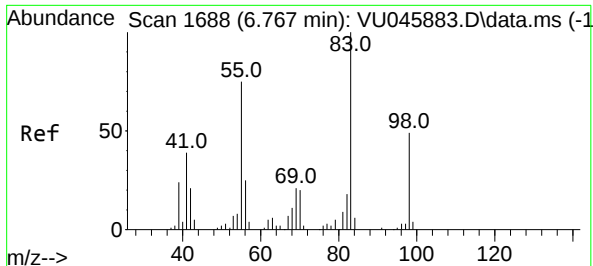
Tgt Ion:117 Resp: 3580
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3



#34
Trichloroethene
Concen: 41.354 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045887.D
Acq: 19 Nov 2021 12:07

Tgt Ion: 95 Resp: 286974
Ion Ratio Lower Upper
95 100
97 63.9 46.5 86.5
132 92.2 65.1 120.9
130 95.3 67.3 124.9

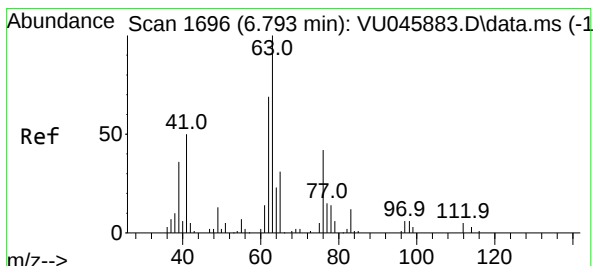
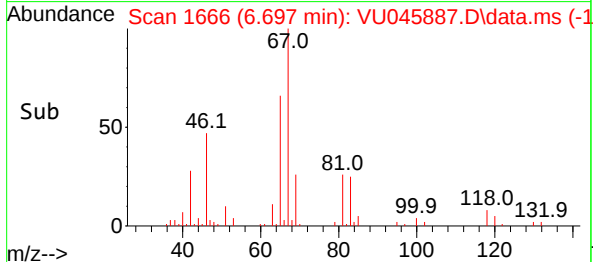
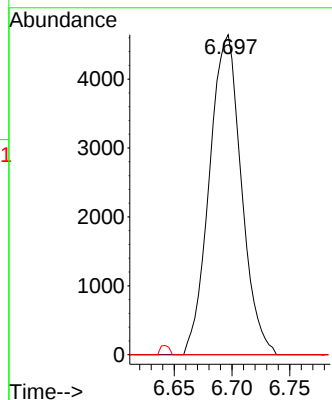
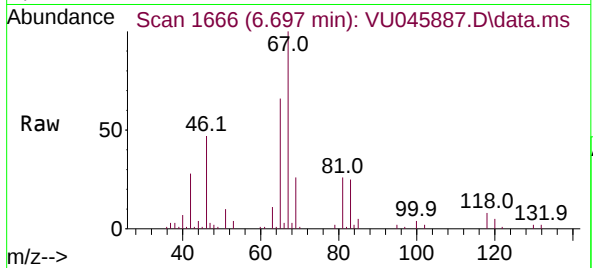




#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045887.D
Acq: 19 Nov 2021 12:07

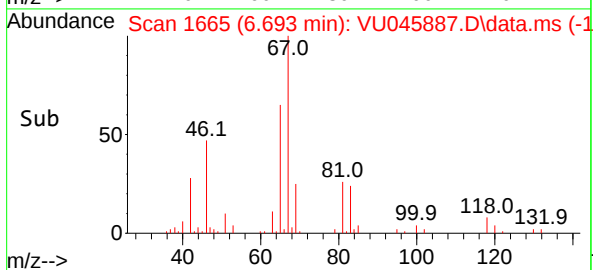
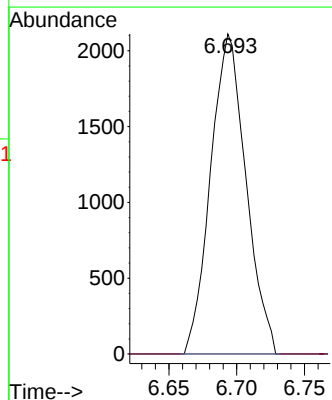
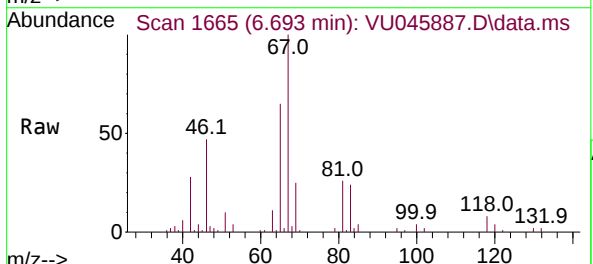
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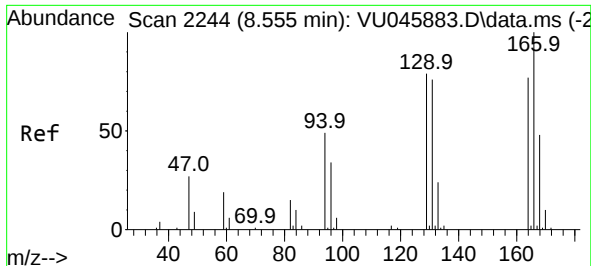
Tgt Ion: 83 Resp: 8950
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU045887.D
Acq: 19 Nov 2021 12:07

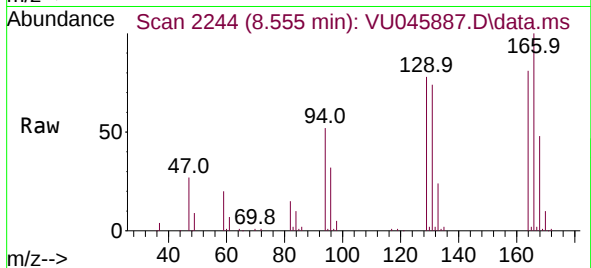
Tgt Ion: 63 Resp: 3832
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



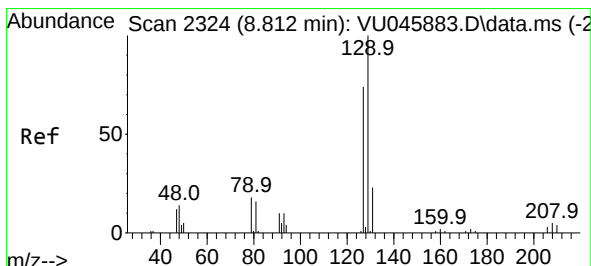
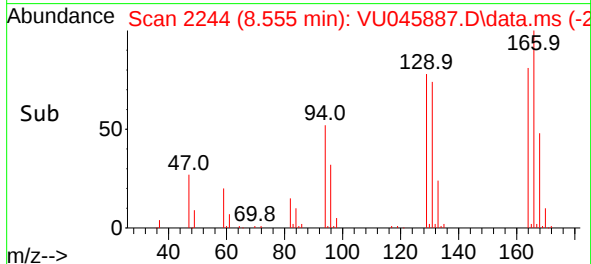
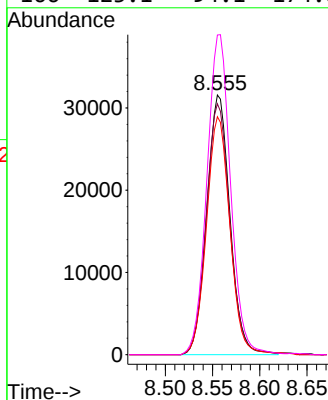


#47
Tetrachloroethene
Concen: 11.116 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU045887.D
Acq: 19 Nov 2021 12:07

Instrument :
MSVOA_U
ClientSampleId :

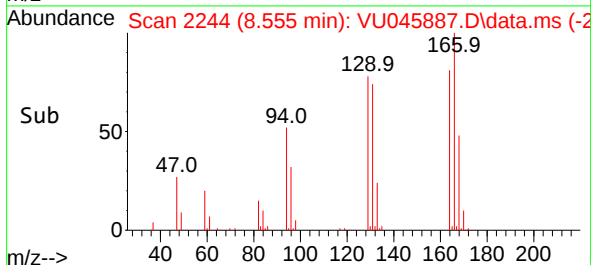
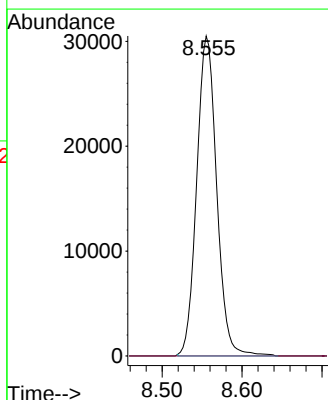
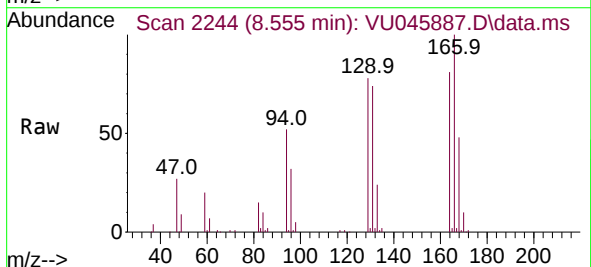


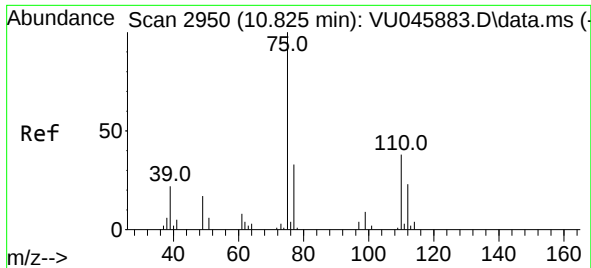
Tgt Ion:164 Resp: 54002
Ion Ratio Lower Upper
164 100
129 96.6 71.8 133.4
131 91.6 68.5 127.3
166 123.1 94.1 174.8



#49
Dibromochloromethane
Concen: 8.860 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU045887.D
Acq: 19 Nov 2021 12:07

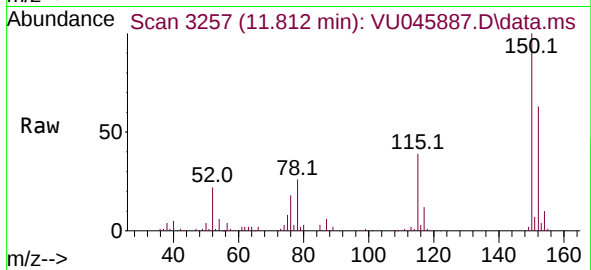
Tgt Ion:129 Resp: 53087
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.273 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045887.D
 Acq: 19 Nov 2021 12:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5934
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 32.1 25.5 38.3

