

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045845.D
 Acq On : 17 Nov 2021 17:16
 Operator : SY/MD
 Sample : M4686-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:22:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

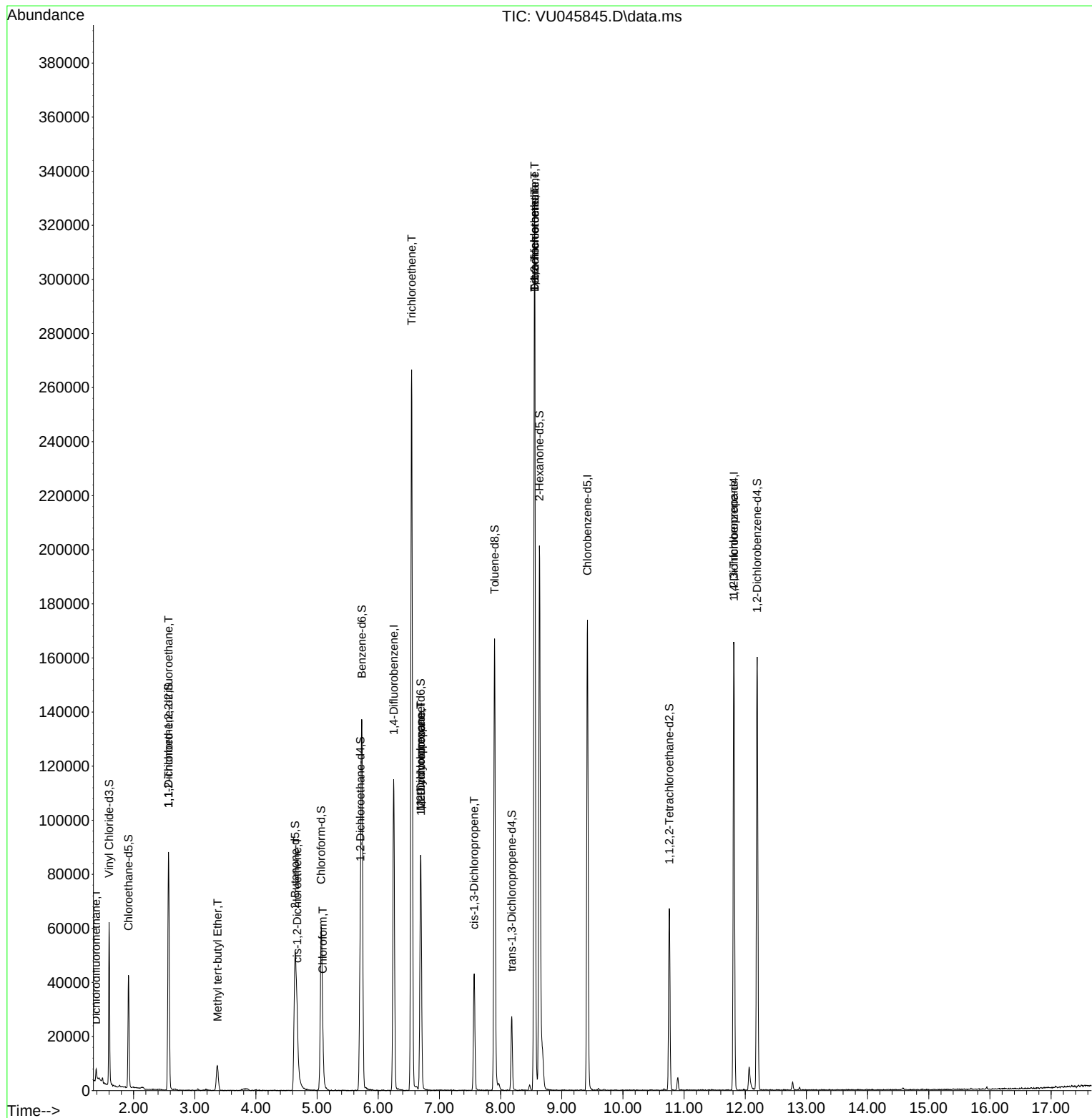
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91436	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	43616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41064	5.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.400%
7) Chloroethane-d5	1.916	69	30345	5.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.000%
11) 1,1-Dichloroethene-d2	2.571	65	16790	5.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.600%
20) 2-Butanone-d5	4.642	46	102209	52.647	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.300%
24) Chloroform-d	5.067	84	54223	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.706	65	35350	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.732	84	128616	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.694	67	41568	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.902	98	112093	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.182	79	15499	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.636	63	69785	45.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33681	4.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	40869	5.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1370	0.184	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	445	0.074	ug/L #	21
17) Methyl tert-butyl Ether	3.372	73	10600	0.719	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	5019	0.763	ug/L	99
25) Chloroform	5.092	83	10720	0.869	ug/L	99
34) Trichloroethene	6.546	95	90381	12.950	ug/L	98
35) Methylcyclohexane	6.694	83	9534	0.890	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4363	0.612	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1108	0.109	ug/L #	64
45) 1,1,2-Trichloroethane	8.558	97	648	0.122	ug/L #	1
47) Tetrachloroethene	8.555	164	70791	14.489	ug/L	97
49) Dibromochloromethane	8.555	129	71057	11.791	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5944	1.313	ug/L #	64

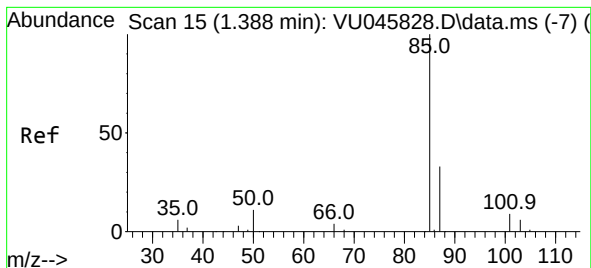
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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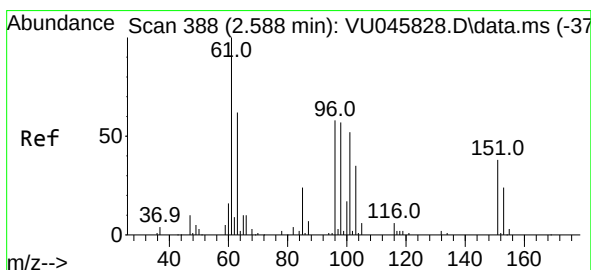
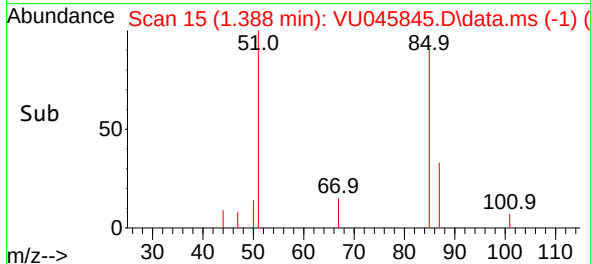
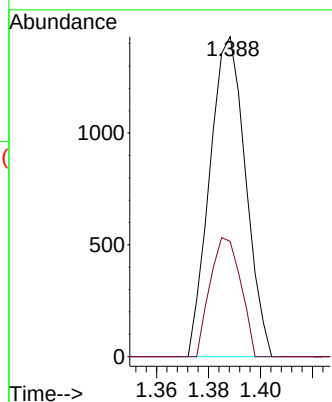
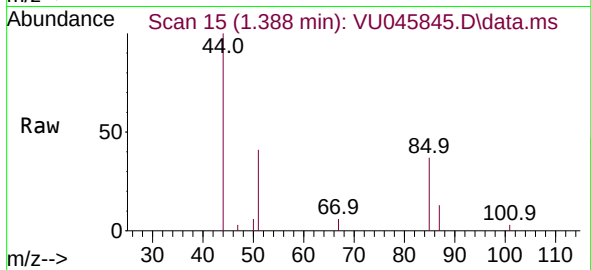




#2
 Dichlorodifluoromethane
 Concen: 0.184 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU045845.D
 Acq: 17 Nov 2021 17:16

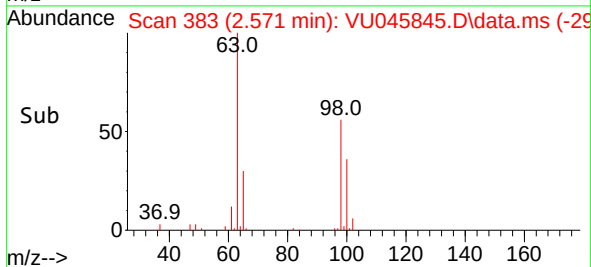
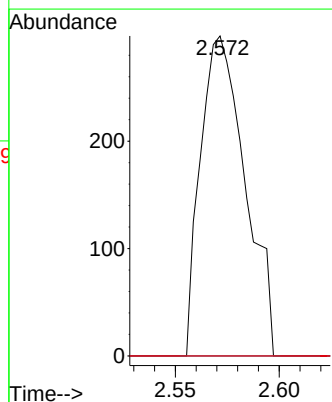
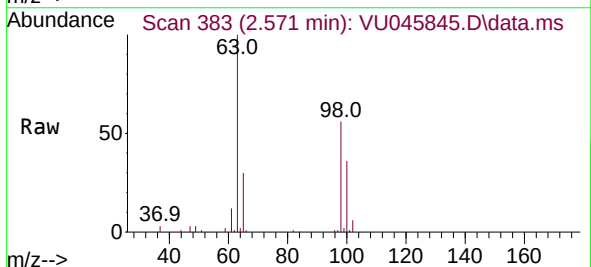
Instrument :
 MSVOA_U
 ClientSampleId :

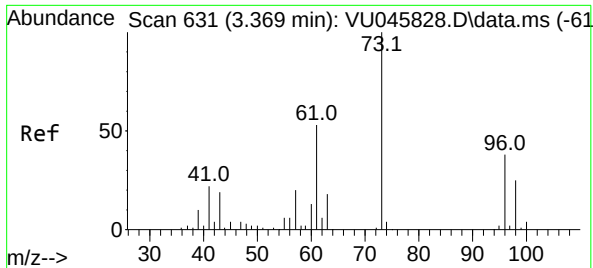
Tgt Ion: 85 Resp: 1370
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.074 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU045845.D
 Acq: 17 Nov 2021 17:16

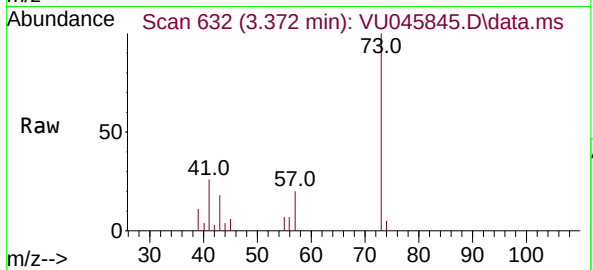
Tgt Ion:101 Resp: 445
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



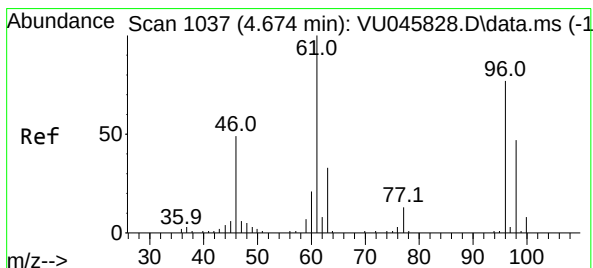
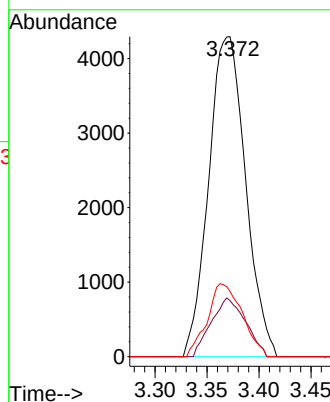
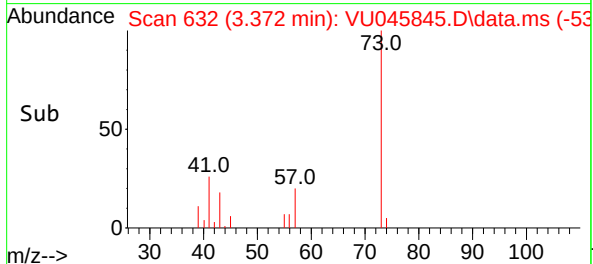


#17
Methyl tert-butyl Ether
Concen: 0.719 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16

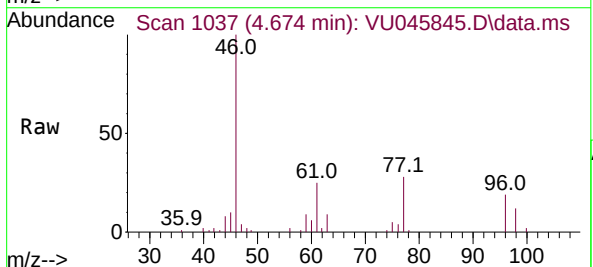
Instrument :
MSVOA_U
ClientSampleId :



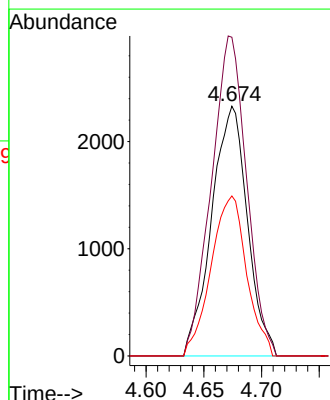
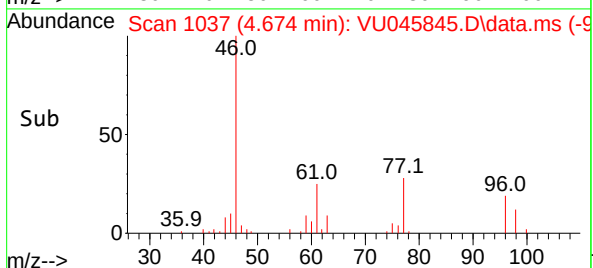
Tgt Ion: 73 Resp: 10600
Ion Ratio Lower Upper
73 100
43 17.1 14.8 22.2
57 21.6 17.4 26.0

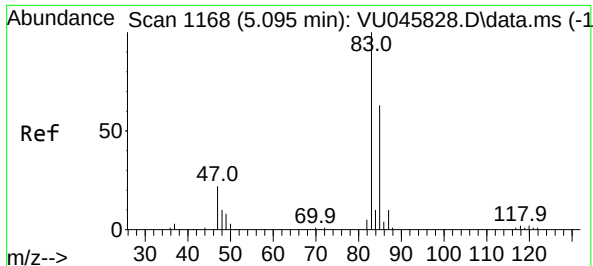


#22
cis-1,2-Dichloroethene
Concen: 0.763 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16



Tgt Ion: 96 Resp: 5019
Ion Ratio Lower Upper
96 100
61 127.7 88.5 164.3
98 64.1 44.4 82.5





#25

Chloroform

Concen: 0.869 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU045845.D

Acq: 17 Nov 2021 17:16

Instrument :

MSVOA_U

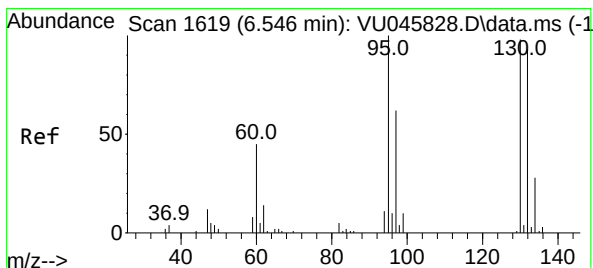
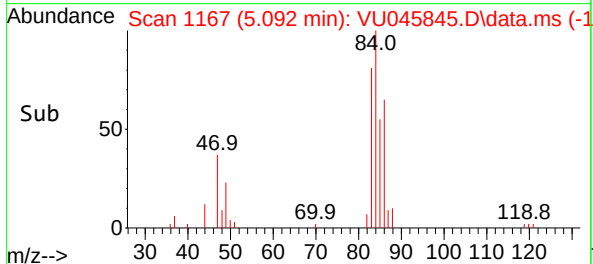
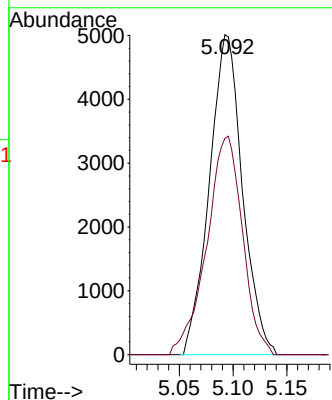
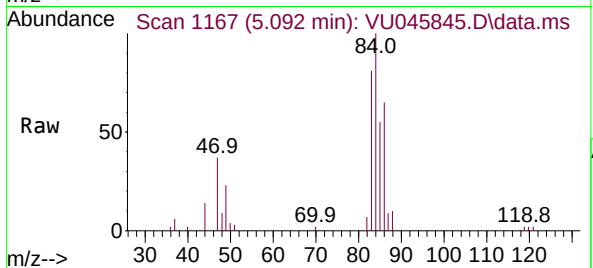
ClientSampleId :

Tgt Ion: 83 Resp: 10720

Ion Ratio Lower Upper

83 100

85 67.5 46.9 87.1



#34

Trichloroethene

Concen: 12.950 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045845.D

Acq: 17 Nov 2021 17:16

Tgt Ion: 95 Resp: 90381

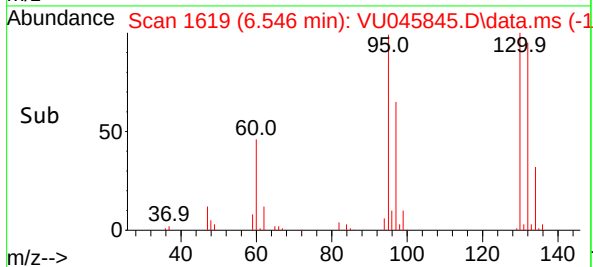
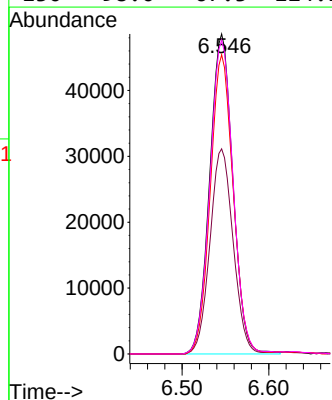
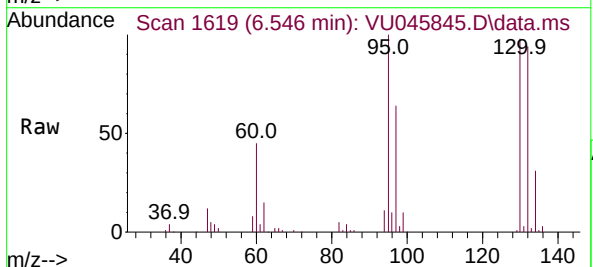
Ion Ratio Lower Upper

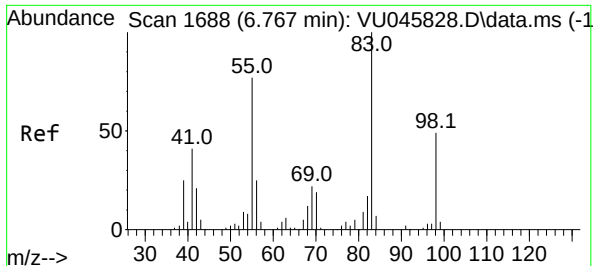
95 100

97 64.1 46.5 86.5

132 93.5 65.1 120.9

130 98.0 67.3 124.9

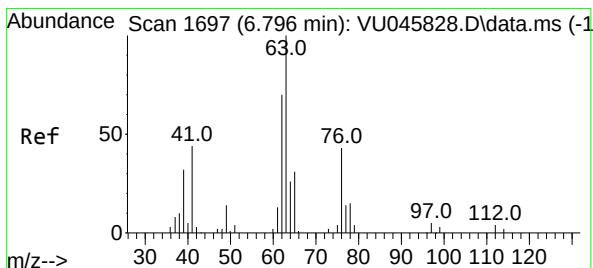
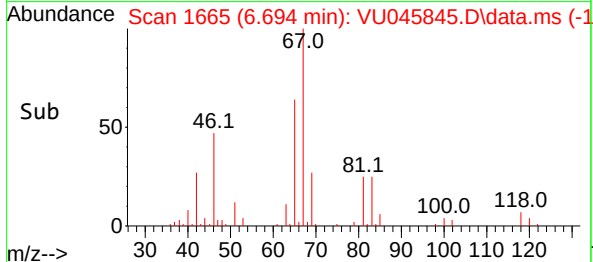
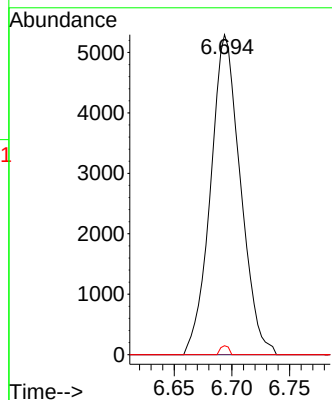
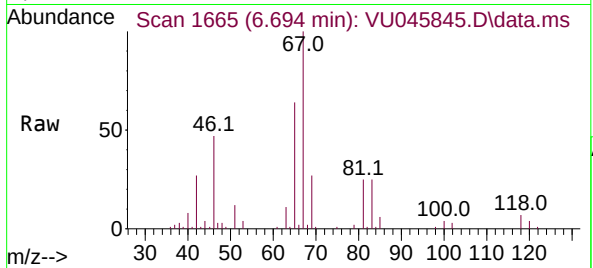




#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16

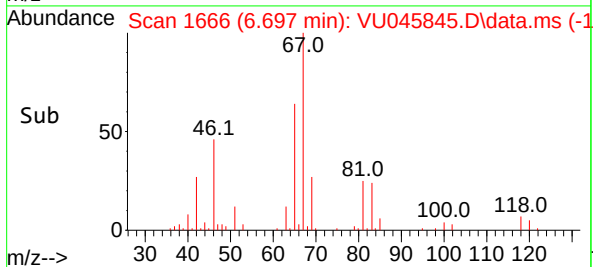
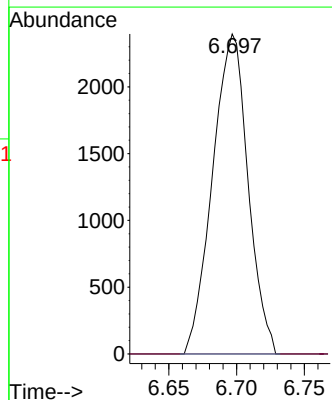
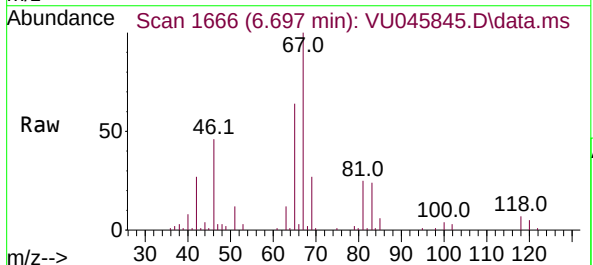
Instrument :
MSVOA_U
ClientSampleId :

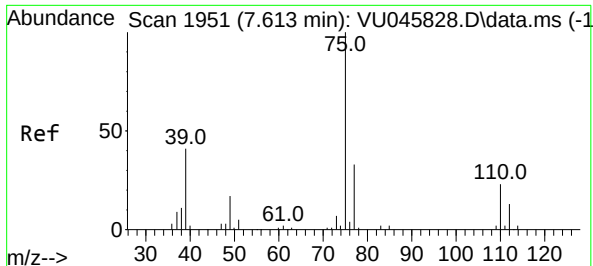
Tgt Ion: 83 Resp: 9534
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045845.D
Acq: 17 Nov 2021 17:16

Tgt Ion: 63 Resp: 4363
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.568 min Scan# 1951

Delta R.T. -0.045 min

Lab File: VU045845.D

Acq: 17 Nov 2021 17:16

Instrument :

MSVOA_U

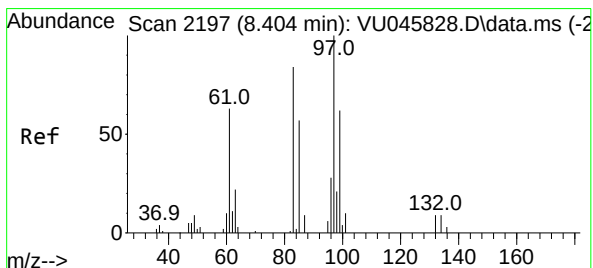
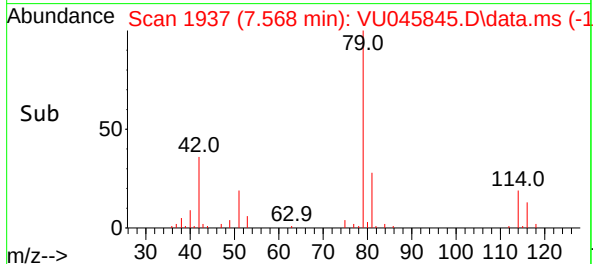
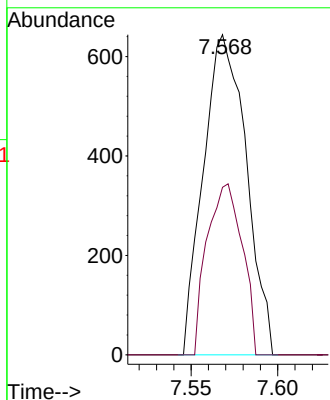
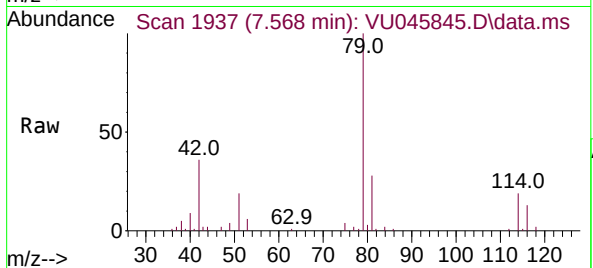
ClientSampleId :

Tgt Ion: 75 Resp: 1108

Ion Ratio Lower Upper

75 100

77 52.3 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.122 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.154 min

Lab File: VU045845.D

Acq: 17 Nov 2021 17:16

Tgt Ion: 97 Resp: 648

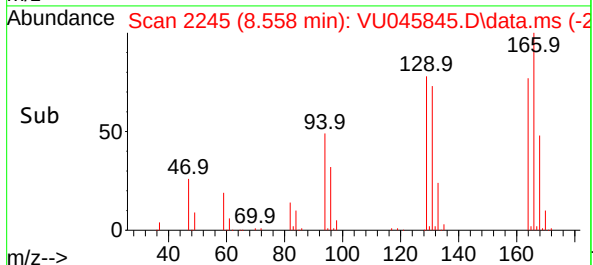
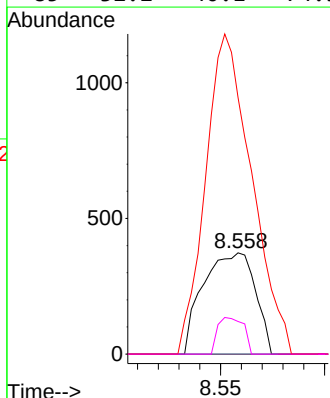
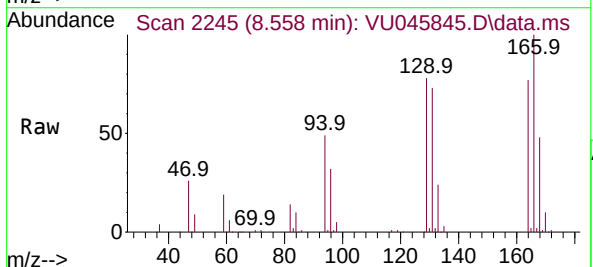
Ion Ratio Lower Upper

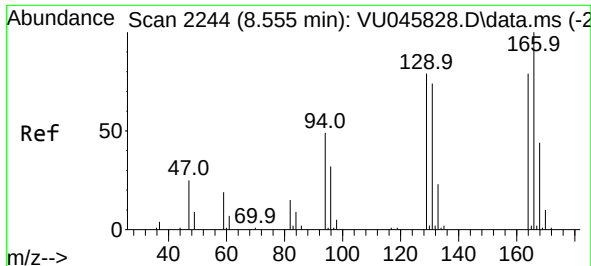
97 100

99 0.0 42.3 78.5#

83 253.6 62.0 115.2#

85 32.2 40.1 74.5#





#47

Tetrachloroethene

Concen: 14.489 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

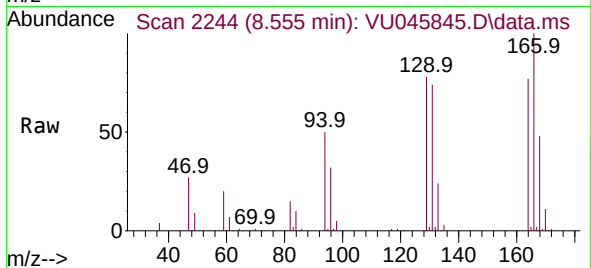
Lab File: VU045845.D

Acq: 17 Nov 2021 17:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 70791

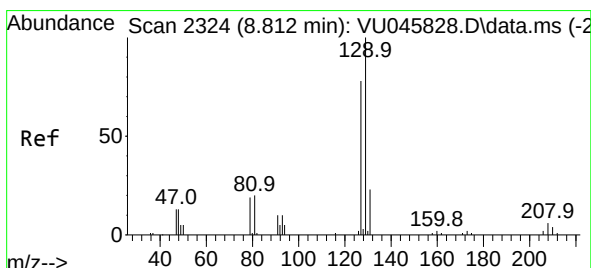
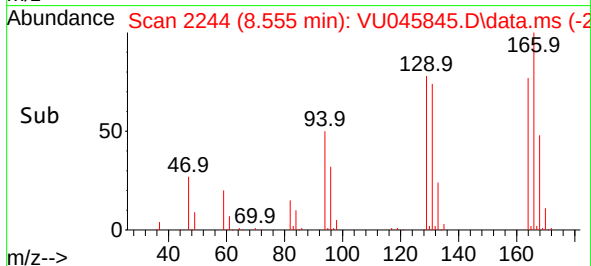
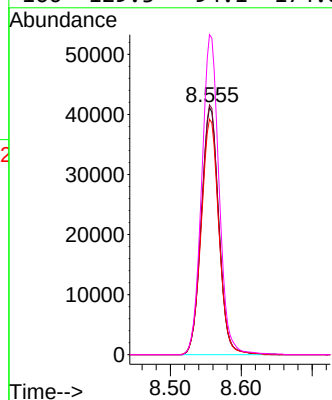
Ion Ratio Lower Upper

164 100

129 101.0 71.8 133.4

131 95.2 68.5 127.3

166 129.3 94.1 174.8



#49

Dibromochloromethane

Concen: 11.791 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045845.D

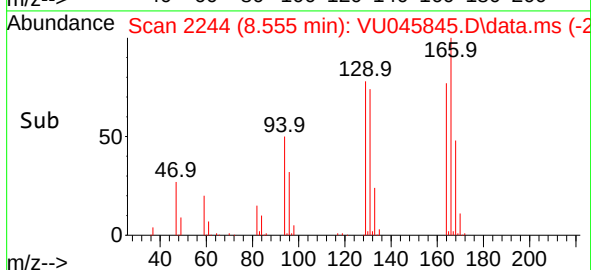
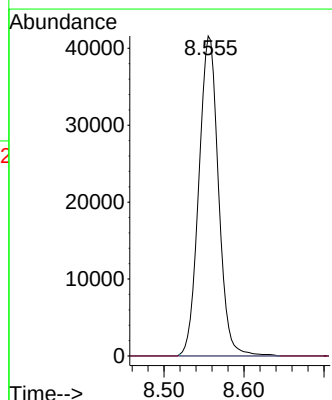
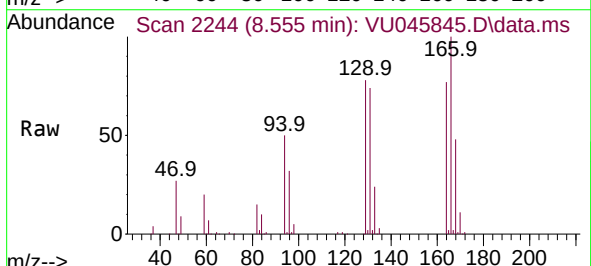
Acq: 17 Nov 2021 17:16

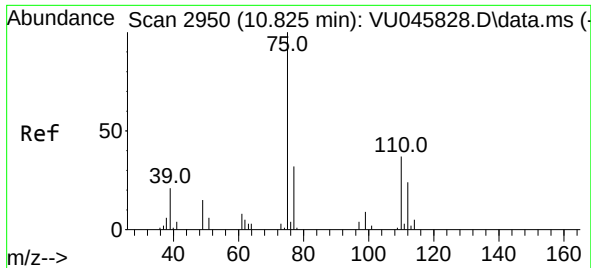
Tgt Ion:129 Resp: 71057

Ion Ratio Lower Upper

129 100

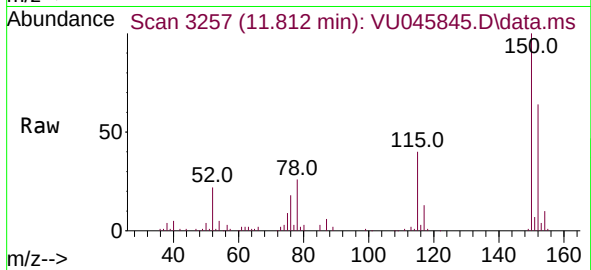
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.313 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045845.D
 Acq: 17 Nov 2021 17:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5944
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 29.3 25.5 38.3

