

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044581.D
 Acq On : 07 Sep 2021 14:13
 Operator : SY/MD
 Sample : M3622-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 02:36:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 08 02:31:37 2021
 Response via : Initial Calibration

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

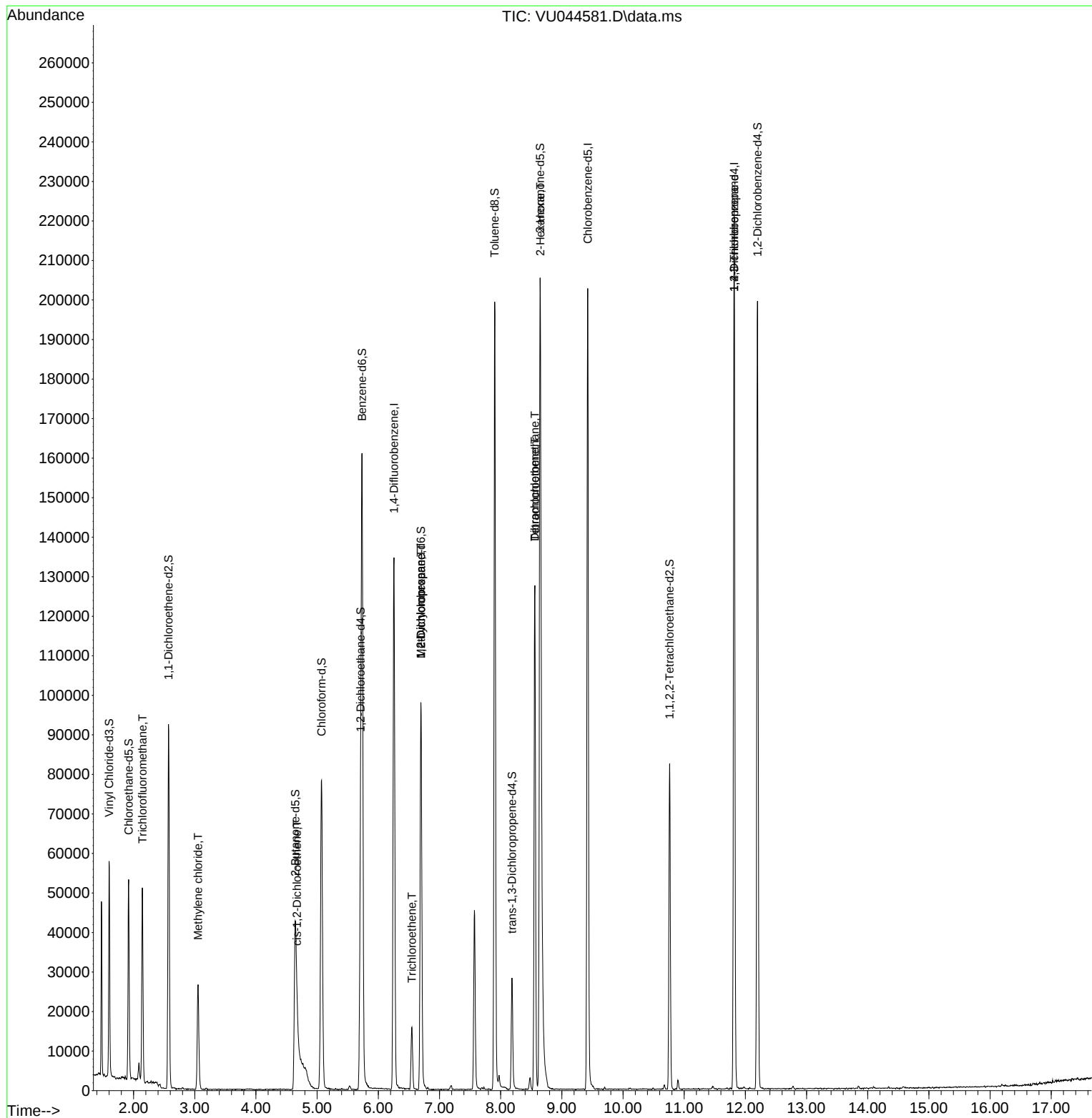
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	113632	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	116664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	60245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38496	4.189	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.919	69	38145	4.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.572	65	17188	4.397	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.000%	
20) 2-Butanone-d5	4.642	46	92683	36.466	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.940%	
24) Chloroform-d	5.073	84	74640	4.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.710	65	40765	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.735	84	152620	4.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.697	67	46549	4.429	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.600%	
41) Toluene-d8	7.903	98	132950	4.564	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	8.186	79	16552	4.385	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.645	63	100088	49.037	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.080%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42145	4.761	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	12.198	152	53790	5.285	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	31852	1.968	ug/L	100
16) Methylene chloride	3.054	84	13895	1.071	ug/L	89
22) cis-1,2-Dichloroethene	4.671	96	1489	0.153	ug/L	96
34) Trichloroethene	6.549	95	5442	0.556	ug/L	97
35) Methylcyclohexane	6.697	83	11378	0.697	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	5069	0.489	ug/L #	88
47) Tetrachloroethene	8.559	164	29159	4.309	ug/L	95
48) 2-Hexanone	8.649	43	13053	2.599	ug/L #	69
49) Dibromochloromethane	8.559	129	27117	3.467	ug/L #	10
61) 1,2,3-Trichloropropane	11.819	75	6958	0.924	ug/L #	66

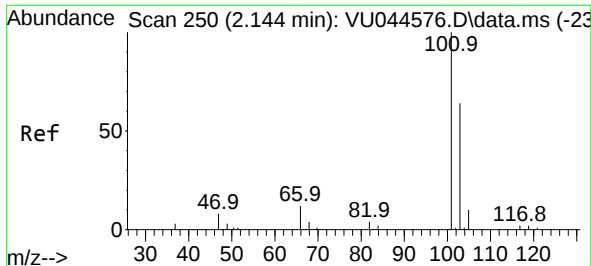
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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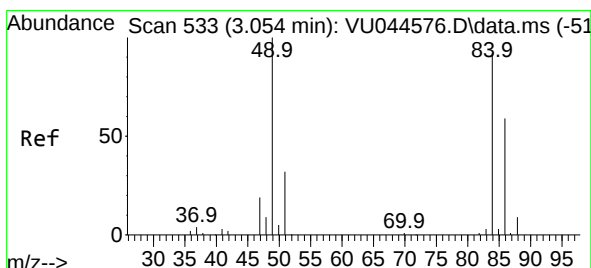
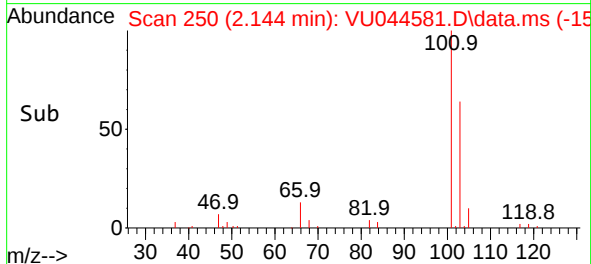
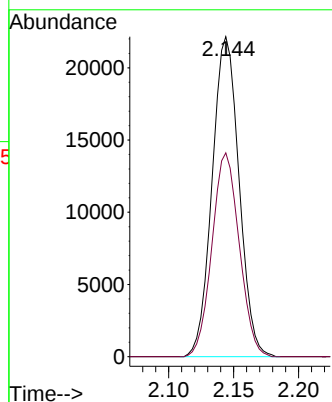
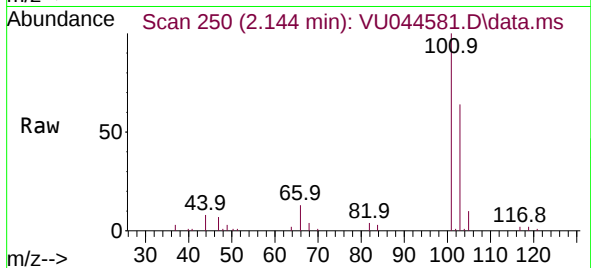




#9
Trichlorofluoromethane
Concen: 1.968 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044581.D
Acq: 07 Sep 2021 14:13

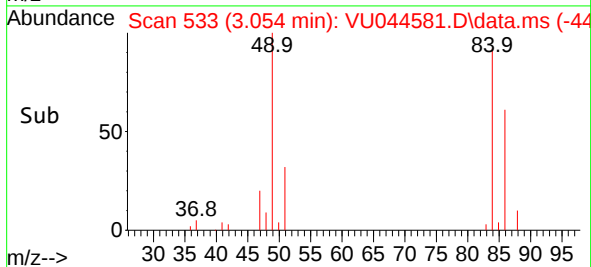
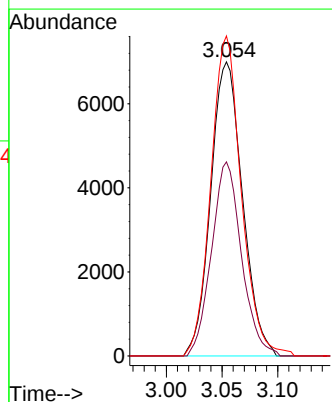
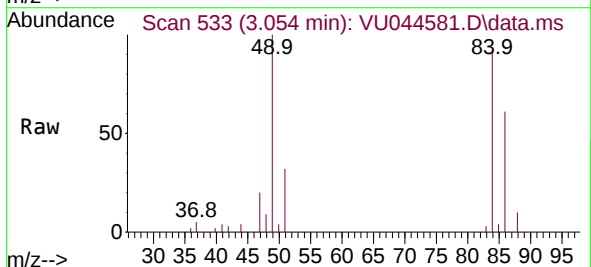
Instrument :
MSVOA_U
ClientSampled :

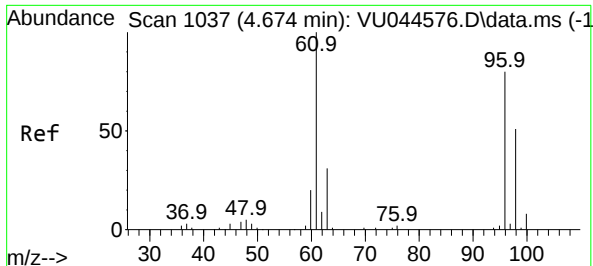
Tgt Ion:101 Resp: 31852
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4



#16
Methylene chloride
Concen: 1.071 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044581.D
Acq: 07 Sep 2021 14:13

Tgt Ion: 84 Resp: 13895
Ion Ratio Lower Upper
84 100
86 66.0 45.2 84.0
49 108.8 88.8 165.0

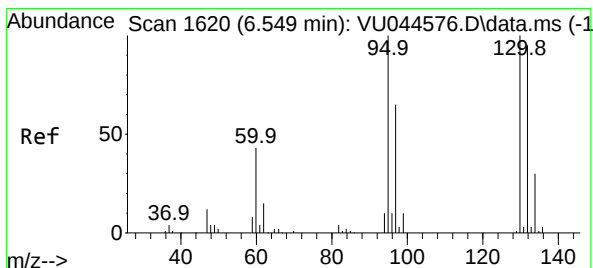
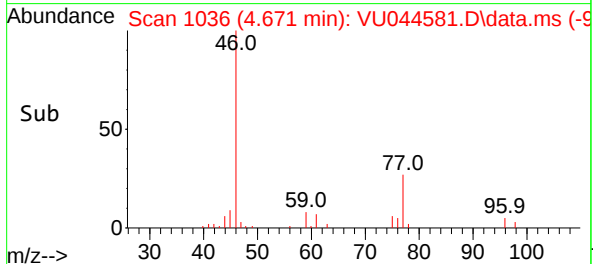
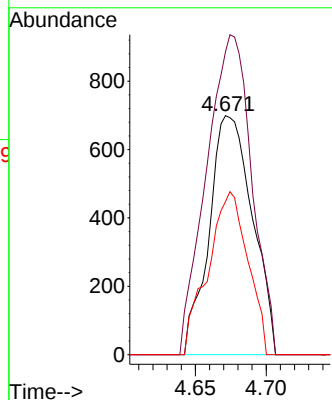
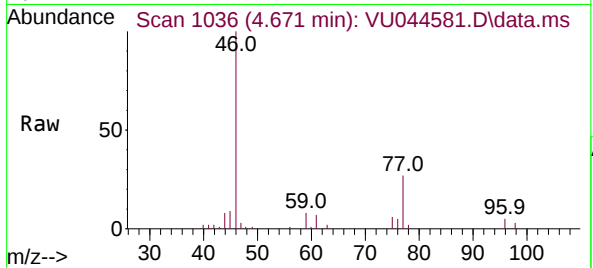




#22
cis-1,2-Dichloroethene
Concen: 0.153 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044581.D
Acq: 07 Sep 2021 14:13

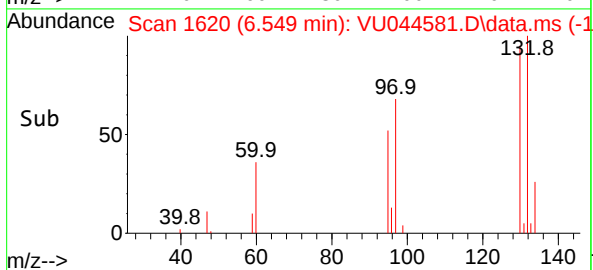
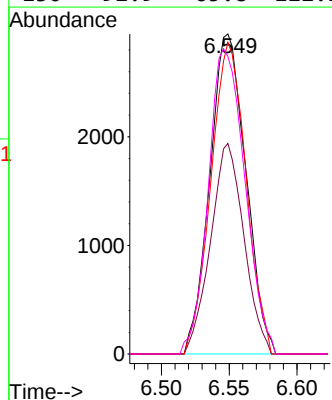
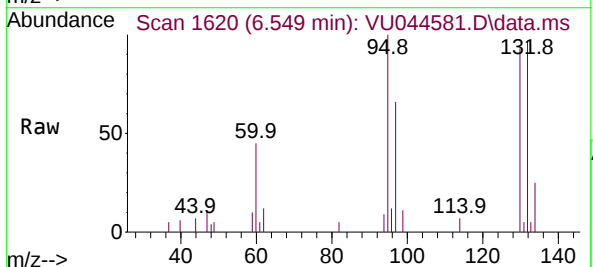
Instrument :
MSVOA_U
ClientSampled :

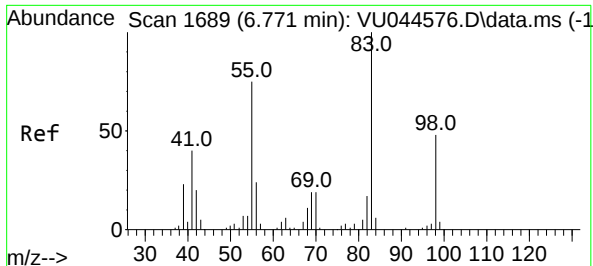
Tgt Ion: 96 Resp: 1489
Ion Ratio Lower Upper
96 100
61 126.8 93.9 174.5
98 64.1 44.7 83.1



#34
Trichloroethene
Concen: 0.556 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044581.D
Acq: 07 Sep 2021 14:13

Tgt Ion: 95 Resp: 5442
Ion Ratio Lower Upper
95 100
97 65.8 45.6 84.8
132 97.4 63.4 117.8
130 92.9 65.8 122.2





#35

Methylcyclohexane

Concen: 0.697 ug/L

RT: 6.697 min Scan# 1666

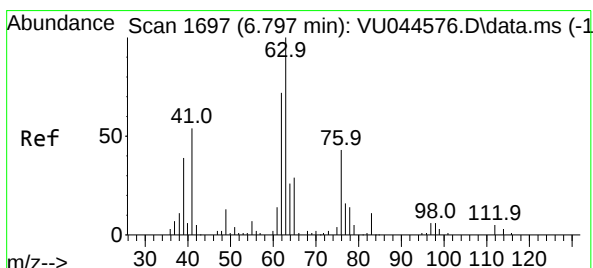
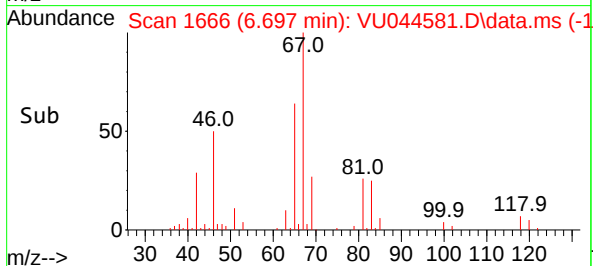
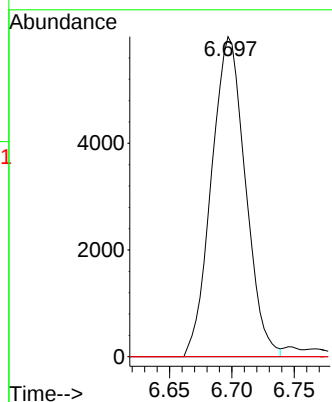
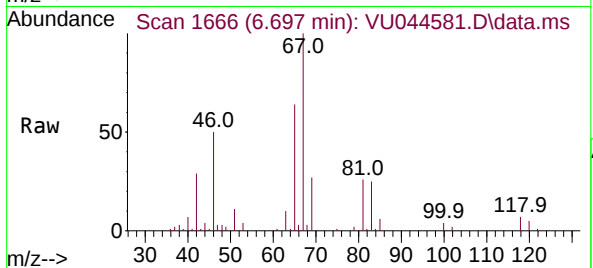
Delta R.T. -0.074 min

Lab File: VU044581.D

Acq: 07 Sep 2021 14:13

Tgt Ion:	83	Resp:	11378
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	3.9	37.5	56.3#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.489 ug/L

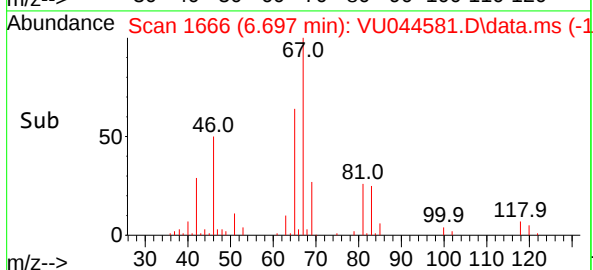
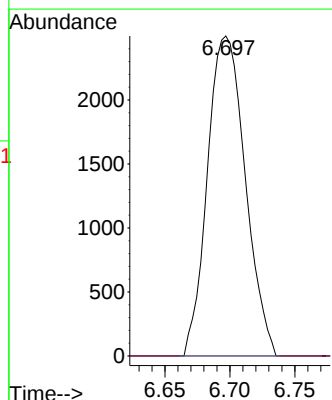
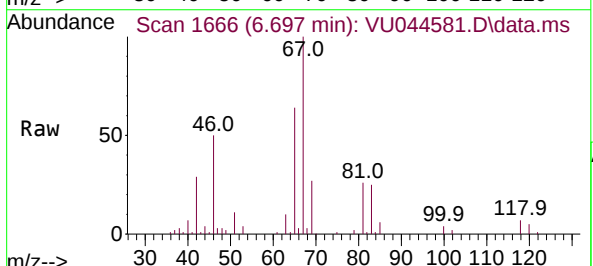
RT: 6.697 min Scan# 1666

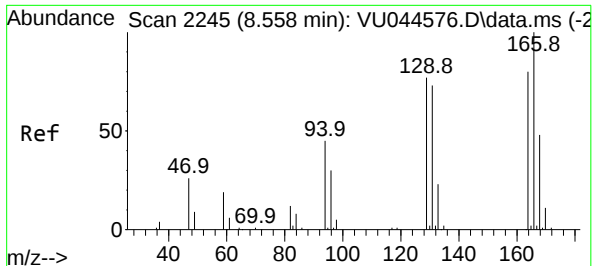
Delta R.T. -0.100 min

Lab File: VU044581.D

Acq: 07 Sep 2021 14:13

Tgt Ion:	63	Resp:	5069
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#47

Tetrachloroethene

Concen: 4.309 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU044581.D

Acq: 07 Sep 2021 14:13

Tgt Ion:164 Resp: 29159

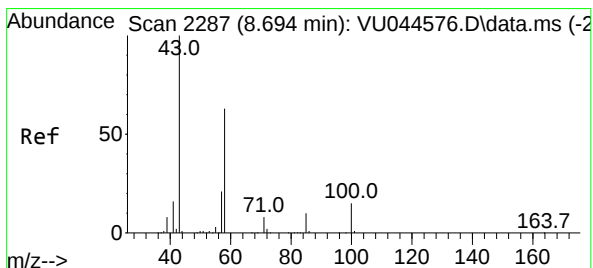
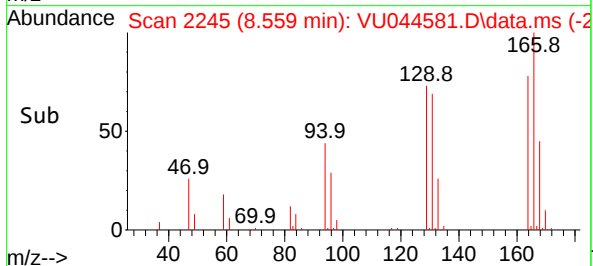
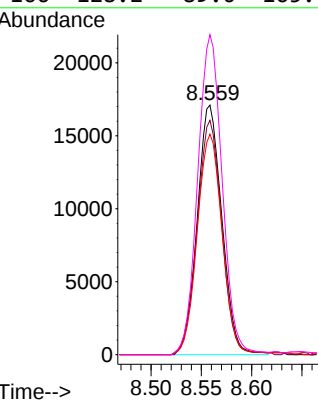
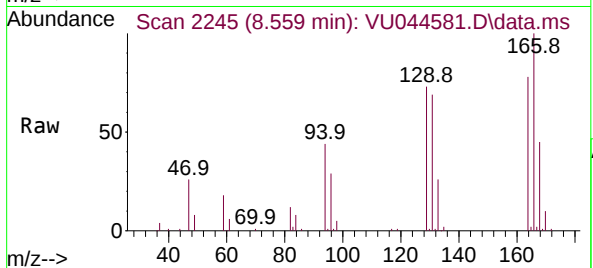
Ion Ratio Lower Upper

164 100

129 93.9 71.0 131.8

131 88.3 68.0 126.4

166 128.2 89.0 165.4



#48

2-Hexanone

Concen: 2.599 ug/L

RT: 8.649 min Scan# 2273

Delta R.T. -0.045 min

Lab File: VU044581.D

Acq: 07 Sep 2021 14:13

Tgt Ion: 43 Resp: 13053

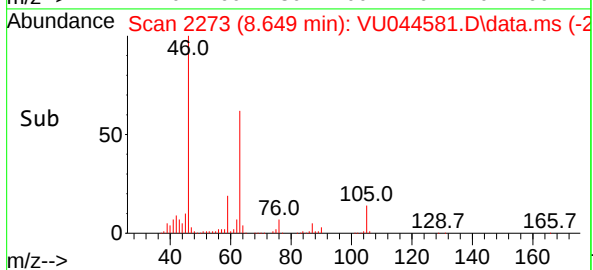
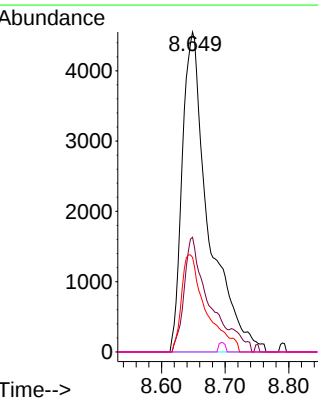
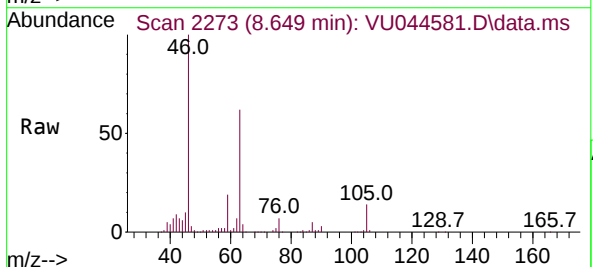
Ion Ratio Lower Upper

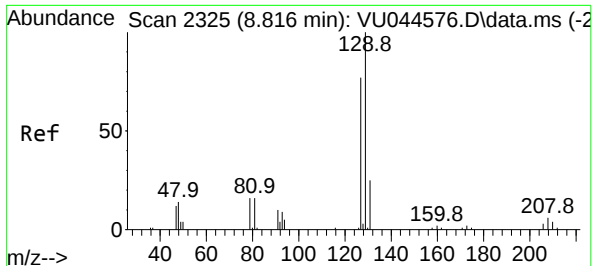
43 100

58 31.4 46.5 69.7#

57 28.1 15.8 23.8#

100 0.7 9.8 14.8#





#49

Dibromochloromethane

Concen: 3.467 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU044581.D

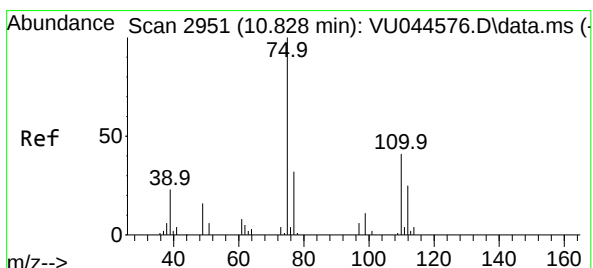
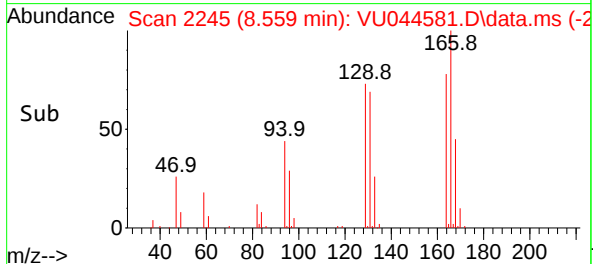
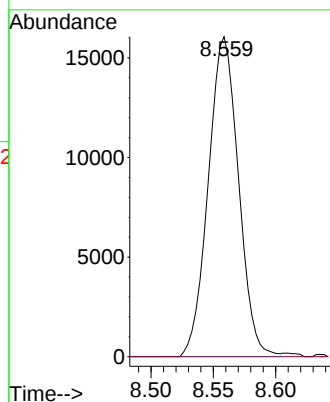
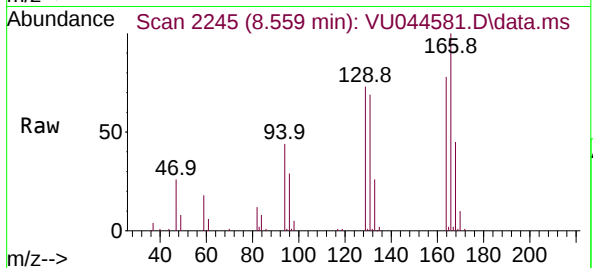
Acq: 07 Sep 2021 14:13

Tgt Ion:129 Resp: 27117

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.924 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.990 min

Lab File: VU044581.D

Acq: 07 Sep 2021 14:13

Tgt Ion: 75 Resp: 6958

Ion Ratio Lower Upper

75 100

110 0.6 28.4 42.6#

77 29.8 26.5 39.7

