

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\Not Reviewed Data\
 Data File : VU044582.D
 Acq On : 07 Sep 2021 14:37
 Operator : SY/MD
 Sample : M3622-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 13:15:38 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)

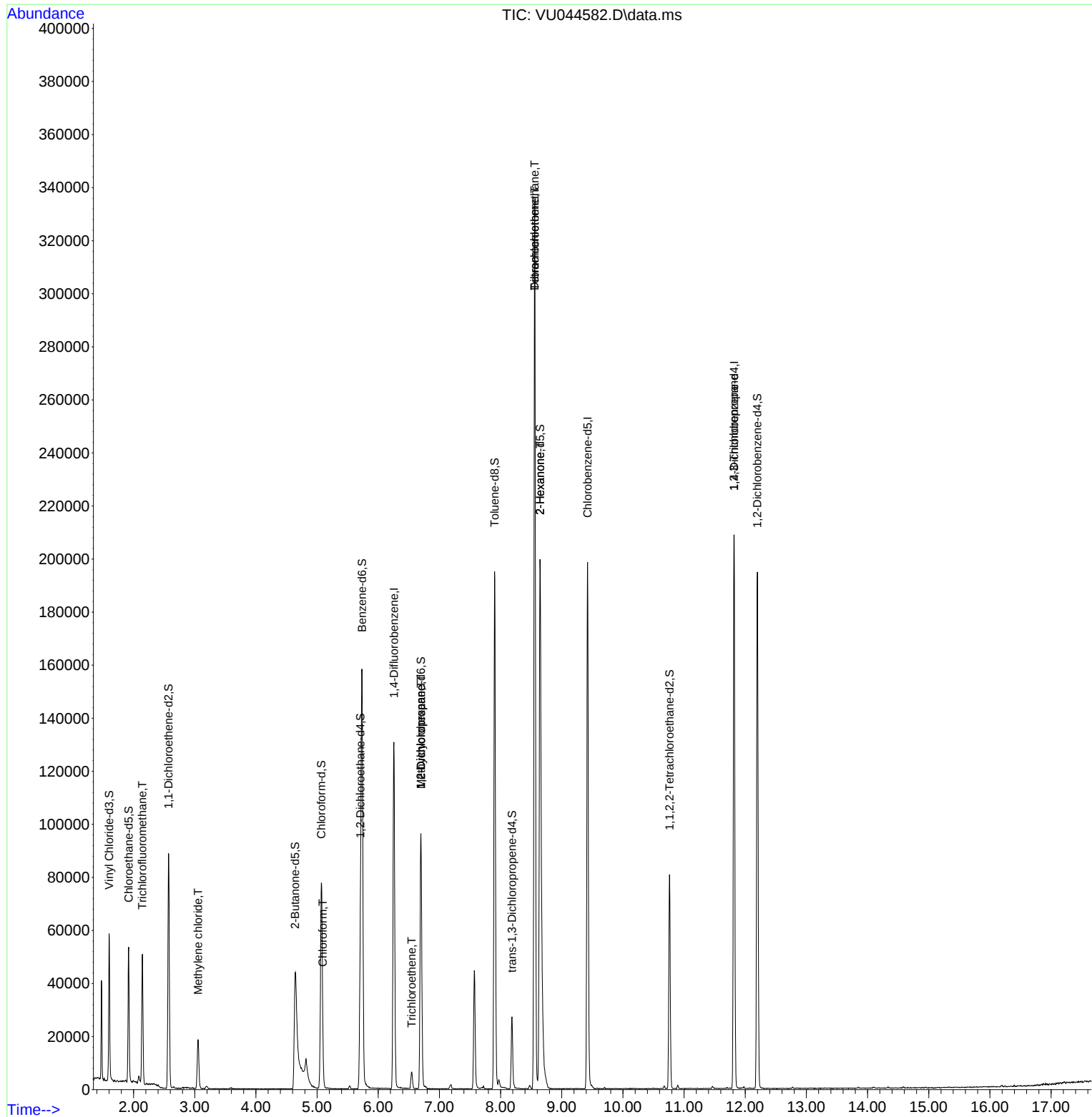
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110425	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	114813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	58195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38491	4.310	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.919	69	37700	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.571	65	16524	4.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.642	46	87923	35.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.200%
24) Chloroform-d	5.070	84	72218	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.710	65	40329	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.735	84	150352	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.697	67	46071	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.902	98	131649	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.185	79	16087	4.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.645	63	98011	48.794	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.580%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41142	4.723	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	52248	5.314	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.144	101	30539	1.942	ug/L	98
16) Methylene chloride	3.054	84	9494	0.753	ug/L	88
25) Chloroform	5.092	83	2714	0.154	ug/L	90
34) Trichloroethene	6.546	95	2057	0.214	ug/L	93
35) Methylcyclohexane	6.697	83	11299	0.703	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4871	0.478	ug/L #	88
47) Tetrachloroethene	8.558	164	74456	11.181	ug/L	96
48) 2-Hexanone	8.645	43	13084	2.648	ug/L #	63
49) Dibromochloromethane	8.558	129	69169	8.986	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	6685	0.919	ug/L #	68

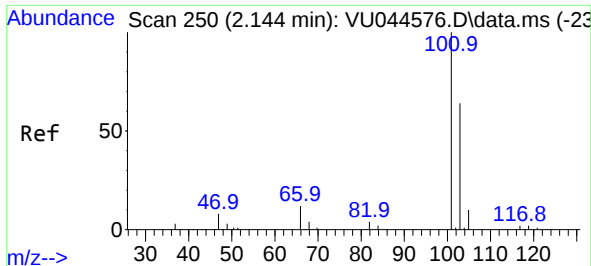
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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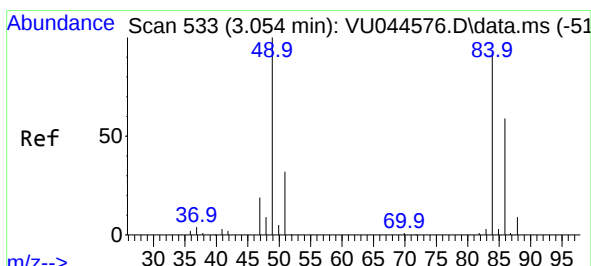
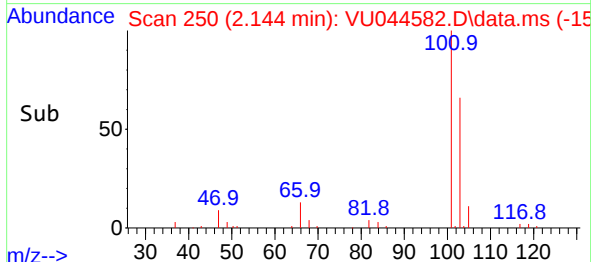
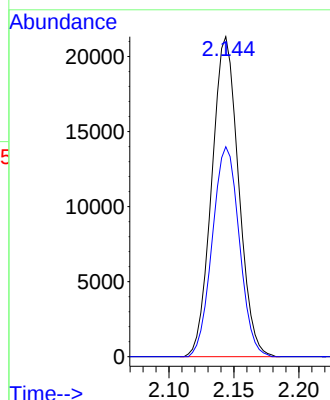
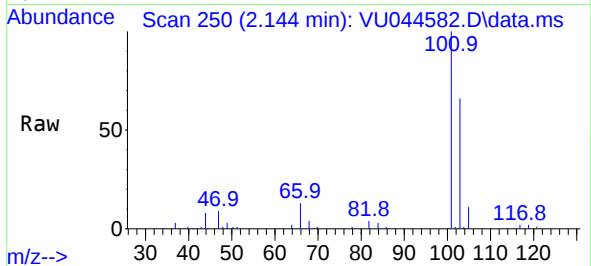




#9
Trichlorofluoromethane
Concen: 1.942 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044582.D
Acq: 07 Sep 2021 14:37

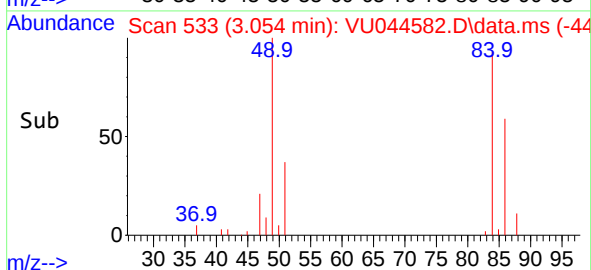
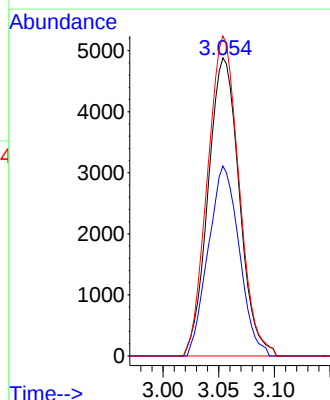
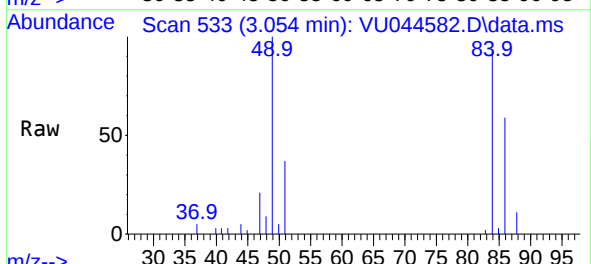
Instrument :
MSVOA_U
ClientSampled :

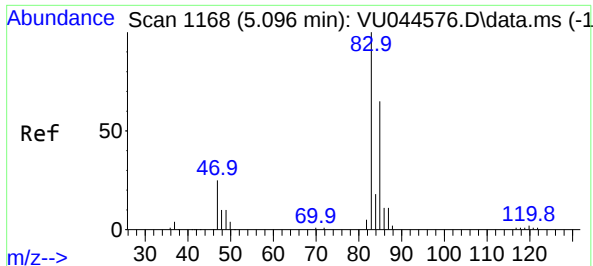
Tgt Ion:101 Resp: 30539
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4



#16
Methylene chloride
Concen: 0.753 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044582.D
Acq: 07 Sep 2021 14:37

Tgt Ion: 84 Resp: 9494
Ion Ratio Lower Upper
84 100
86 63.7 45.2 84.0
49 107.4 88.8 165.0



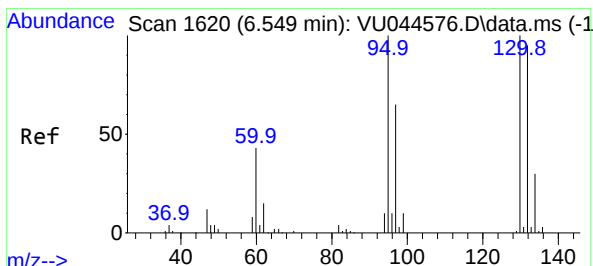
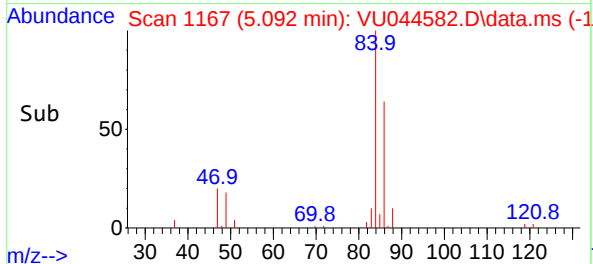
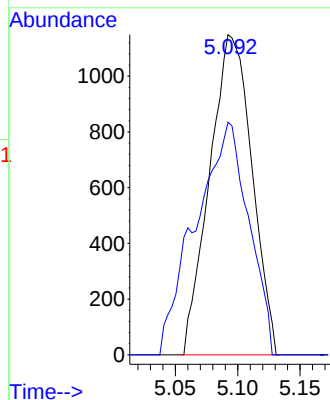
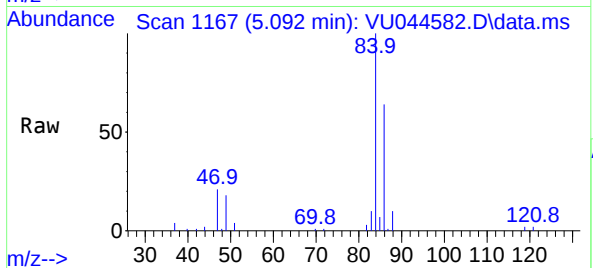


#25

Chloroform
Concen: 0.154 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044582.D
Acq: 07 Sep 2021 14:37

Instrument :
MSVOA_U
ClientSampled :

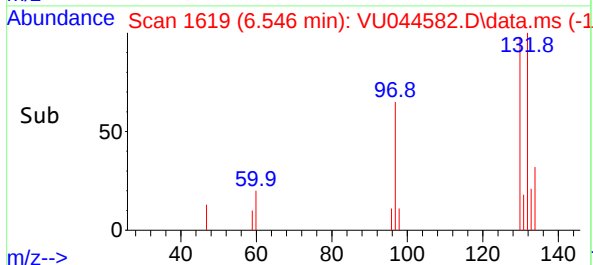
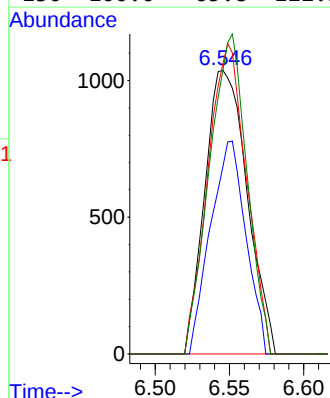
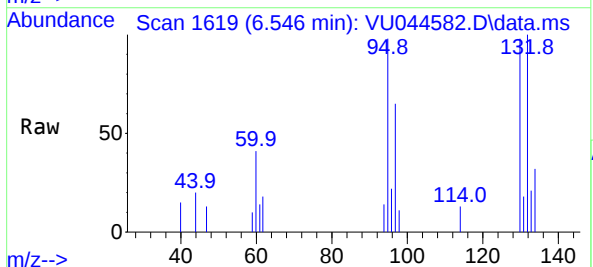
Tgt Ion: 83 Resp: 2714
Ion Ratio Lower Upper
83 100
85 72.7 45.3 84.1

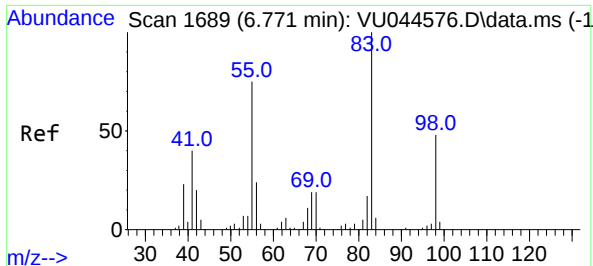


#34

Trichloroethene
Concen: 0.214 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044582.D
Acq: 07 Sep 2021 14:37

Tgt Ion: 95 Resp: 2057
Ion Ratio Lower Upper
95 100
97 66.1 45.6 84.8
132 102.4 63.4 117.8
130 100.0 65.8 122.2





#35

Methylcyclohexane

Concen: 0.703 ug/L

RT: 6.697 min Scan# 1666

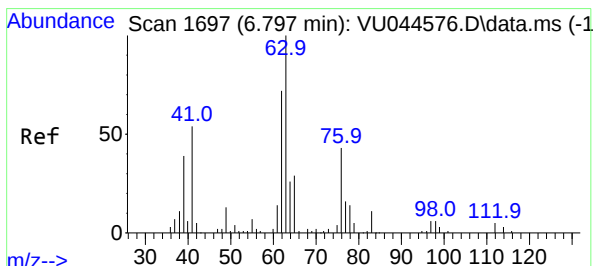
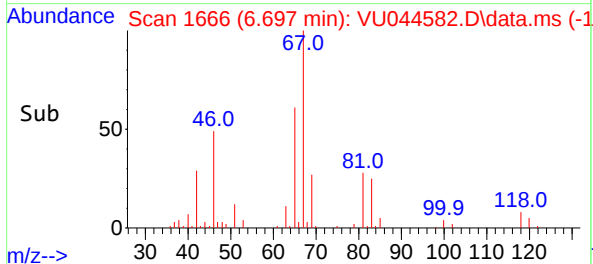
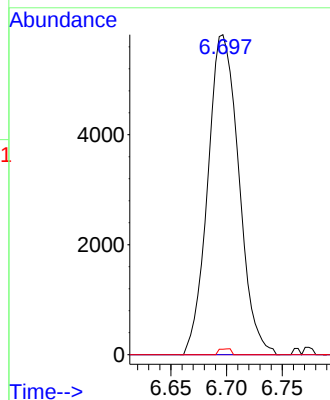
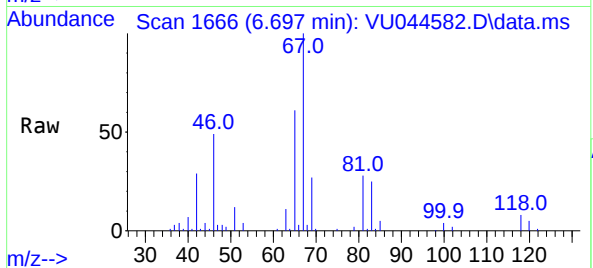
Delta R.T. -0.074 min

Lab File: VU044582.D

Acq: 07 Sep 2021 14:37

Tgt Ion:	83	Resp:	11299
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.7	37.5	56.3#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.478 ug/L

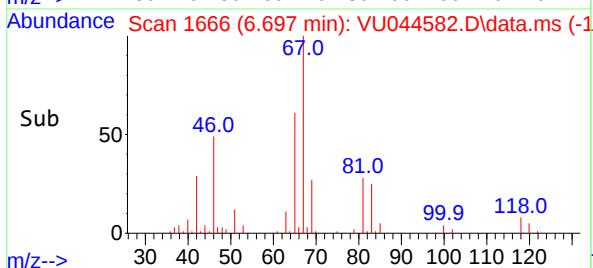
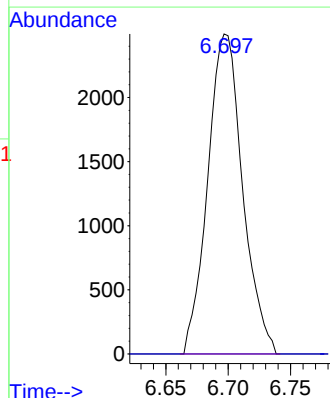
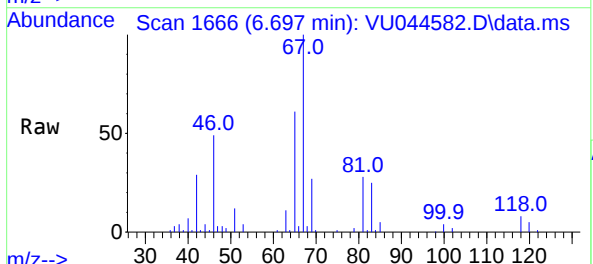
RT: 6.697 min Scan# 1666

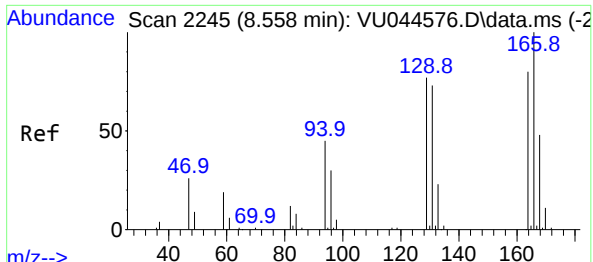
Delta R.T. -0.100 min

Lab File: VU044582.D

Acq: 07 Sep 2021 14:37

Tgt Ion:	63	Resp:	4871
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



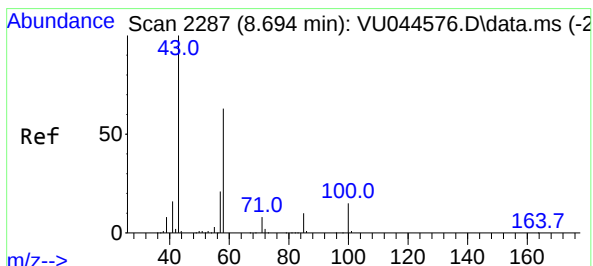
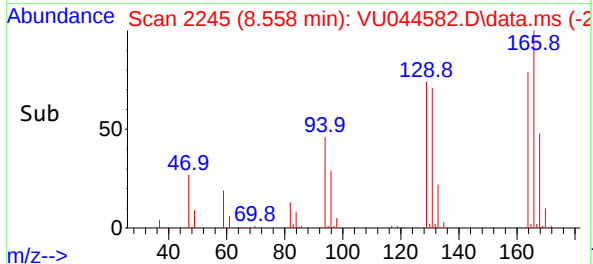
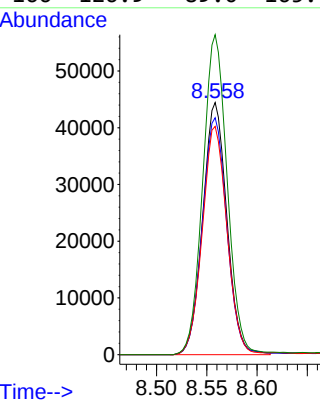
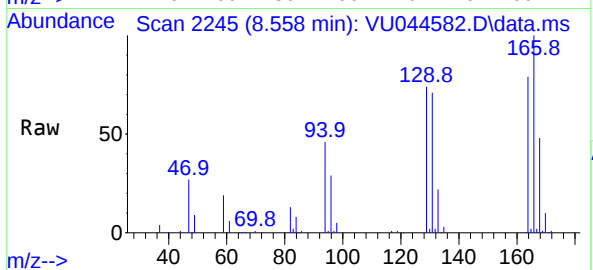


#47
Tetrachloroethene
Concen: 11.181 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044582.D
Acq: 07 Sep 2021 14:37

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 74456

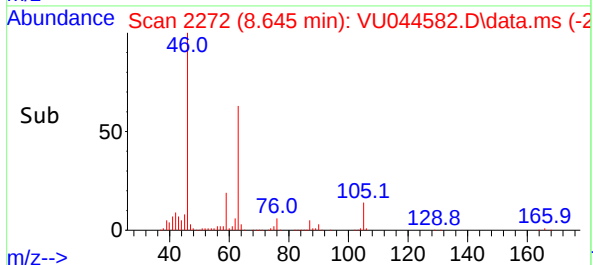
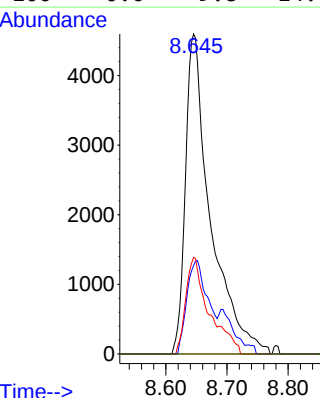
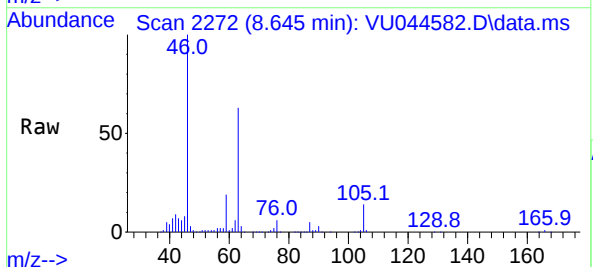
Ion	Ratio	Lower	Upper
164	100		
129	94.0	71.0	131.8
131	90.6	68.0	126.4
166	126.9	89.0	165.4

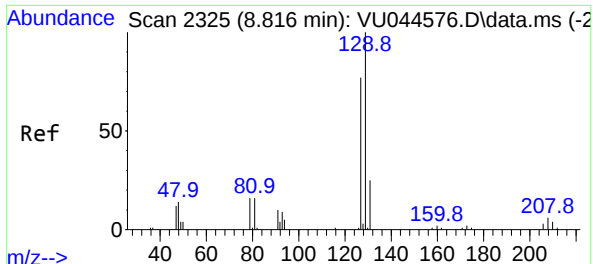


#48
2-Hexanone
Concen: 2.648 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044582.D
Acq: 07 Sep 2021 14:37

Tgt Ion: 43 Resp: 13084

Ion	Ratio	Lower	Upper
43	100		
58	24.8	46.5	69.7#
57	27.9	15.8	23.8#
100	0.0	9.8	14.8#





#49

Dibromochloromethane

Concen: 8.986 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU044582.D

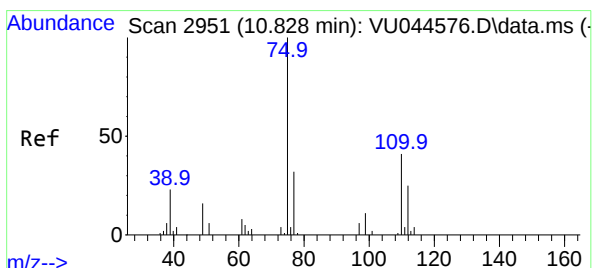
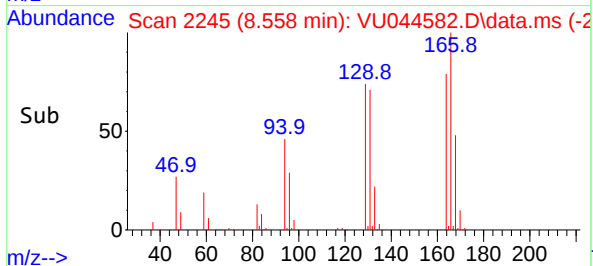
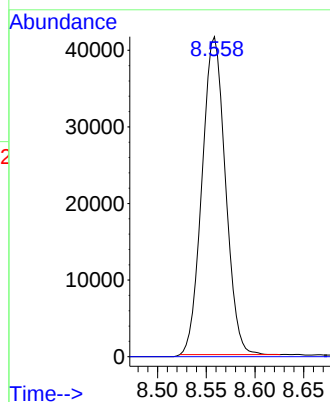
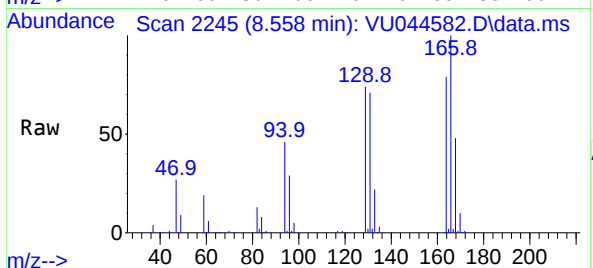
Acq: 07 Sep 2021 14:37

Tgt Ion:129 Resp: 69169

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.919 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.987 min

Lab File: VU044582.D

Acq: 07 Sep 2021 14:37

Tgt Ion: 75 Resp: 6685

Ion Ratio Lower Upper

75 100

110 0.3 28.4 42.6#

77 33.7 26.5 39.7

