

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044513.D
 Acq On : 23 Aug 2021 20:20
 Operator : SY/MD
 Sample : M3517-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9

Quant Time: Aug 24 06:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 06:16:49 2021
 Response via : Initial Calibration

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

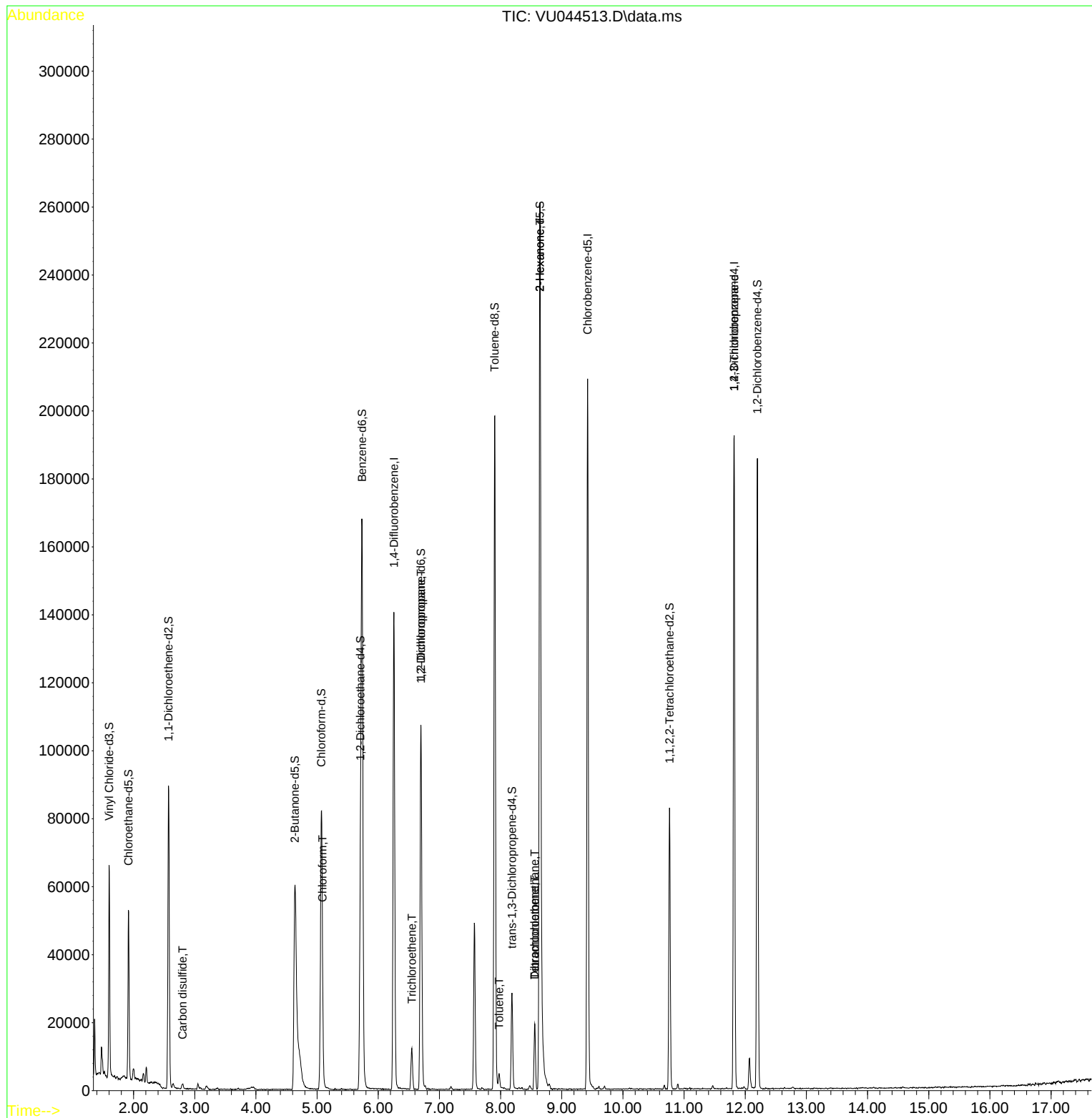
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	111720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36724	4.110	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.200%	
7) Chloroethane-d5	1.916	69	36460	4.695	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.800%	
11) 1,1-Dichloroethene-d2	2.571	65	16795	4.418	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.400%	
20) 2-Butanone-d5	4.636	46	130890	52.964	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.920%	
24) Chloroform-d	5.070	84	76563	4.846	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.710	65	44210	5.131	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.735	84	153777	4.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.697	67	49732	4.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.902	98	129626	4.647	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	8.185	79	16319	4.515	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.642	63	107656	55.080	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.160%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42191	4.978	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	12.198	152	45123	5.444	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						Qvalue
14) Carbon disulfide	2.800	76	1718	0.062	ug/L #	75
25) Chloroform	5.089	83	2609	0.148	ug/L	84
34) Trichloroethene	6.549	95	4084	0.436	ug/L	95
37) 1,2-Dichloropropane	6.700	63	5630	0.567	ug/L #	88
42) Toluene	7.976	91	3053	0.077	ug/L	99
47) Tetrachloroethene	8.558	164	4151	0.641	ug/L	97
48) 2-Hexanone	8.642	43	14342	2.983	ug/L #	68
49) Dibromochloromethane	8.558	129	4032	0.538	ug/L #	10
61) 1,2,3-Trichloropropane	11.819	75	6947	1.133	ug/L #	68

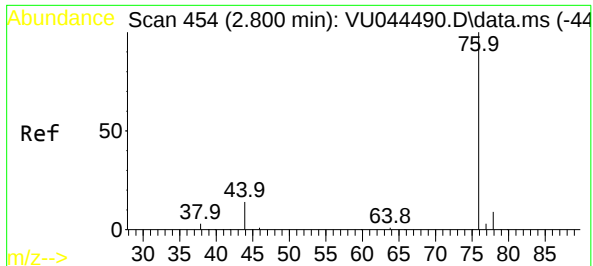
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 28 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
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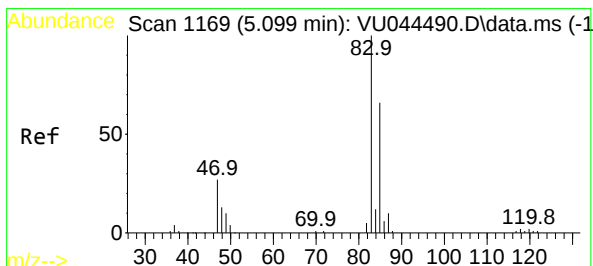
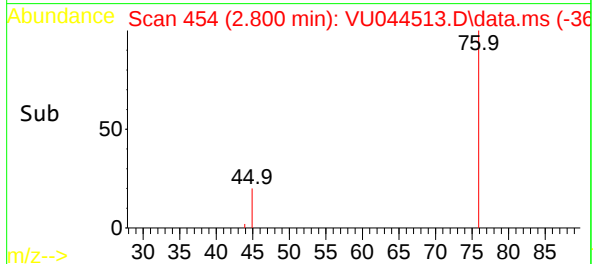
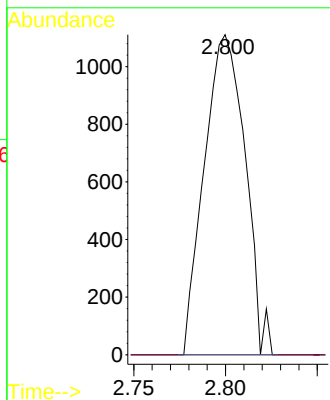
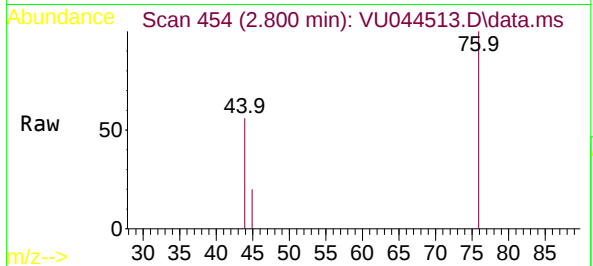




#14
Carbon disulfide
Concen: 0.062 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044513.D
Acq: 23 Aug 2021 20:20

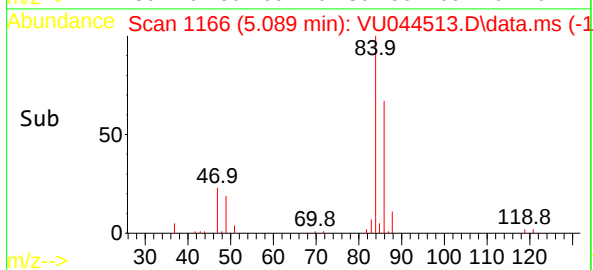
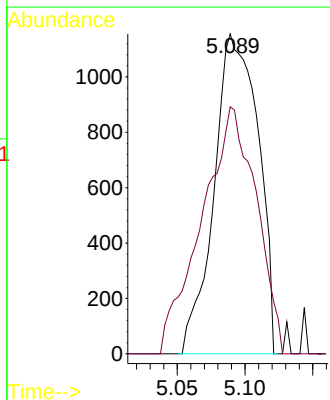
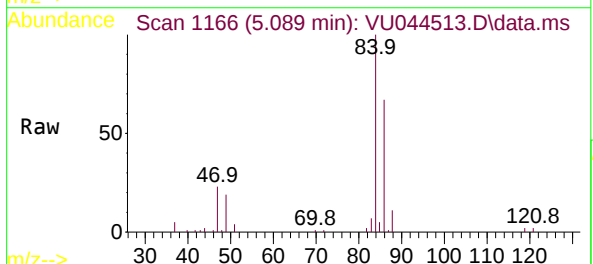
Instrument :
MSVOA_U
ClientSampled :
C0AB9

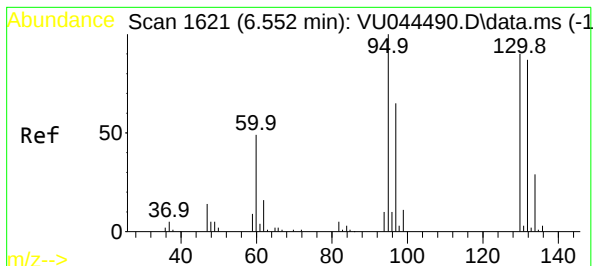
Tgt Ion: 76 Resp: 1718
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
Chloroform
Concen: 0.148 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.010 min
Lab File: VU044513.D
Acq: 23 Aug 2021 20:20

Tgt Ion: 83 Resp: 2609
Ion Ratio Lower Upper
83 100
85 77.2 45.3 84.1





#34

Trichloroethene

Concen: 0.436 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU044513.D

Acq: 23 Aug 2021 20:20

Tgt Ion: 95 Resp: 4084

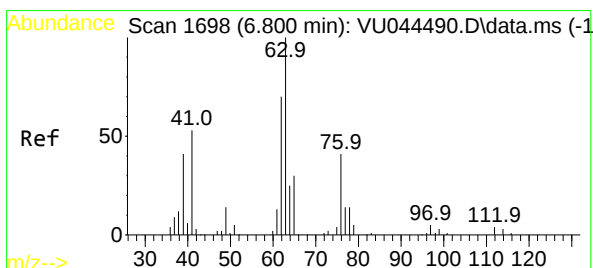
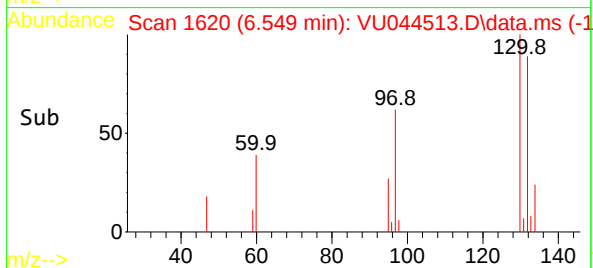
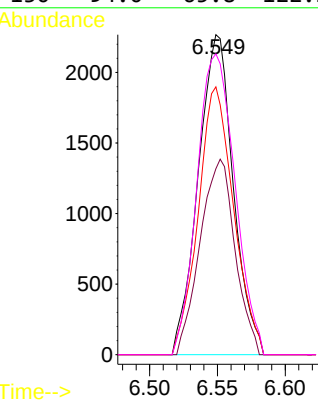
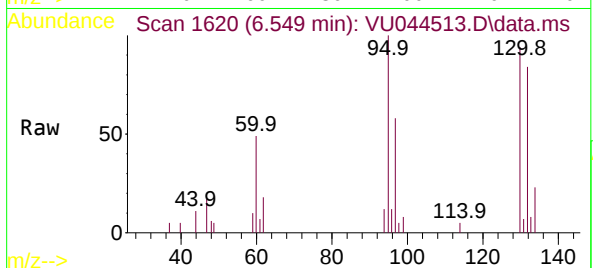
Ion Ratio Lower Upper

95 100

97 58.1 45.6 84.8

132 83.7 63.4 117.8

130 94.0 65.8 122.2



#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.100 min

Lab File: VU044513.D

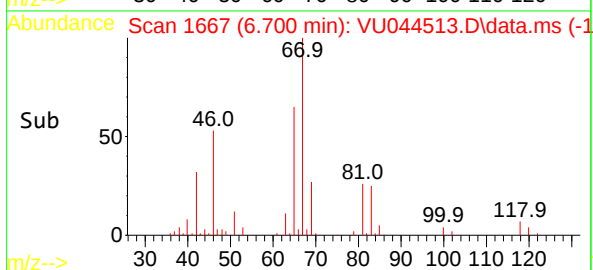
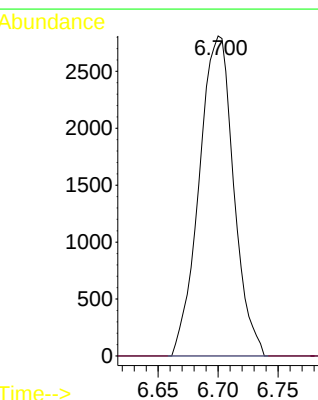
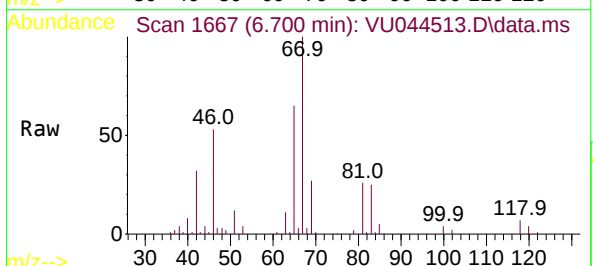
Acq: 23 Aug 2021 20:20

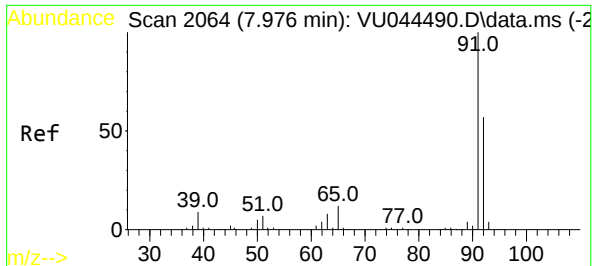
Tgt Ion: 63 Resp: 5630

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

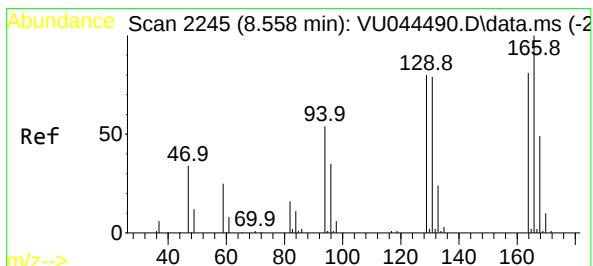
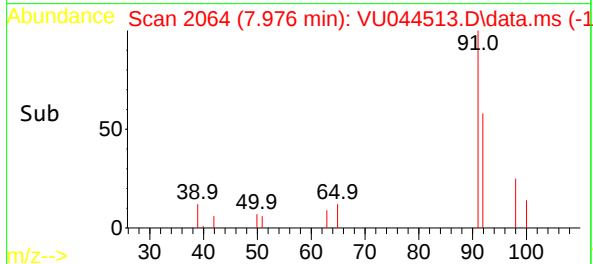
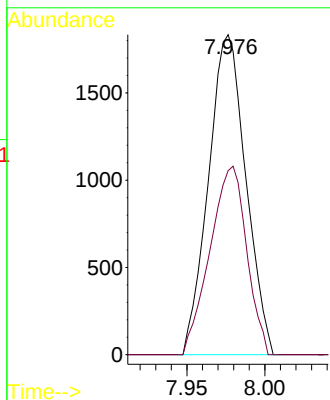
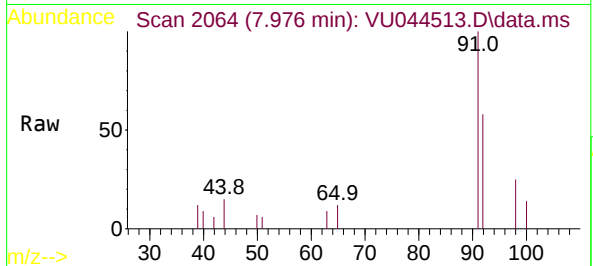




#42
Toluene
Concen: 0.077 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044513.D
Acq: 23 Aug 2021 20:20

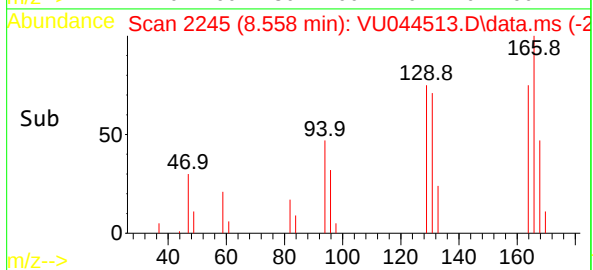
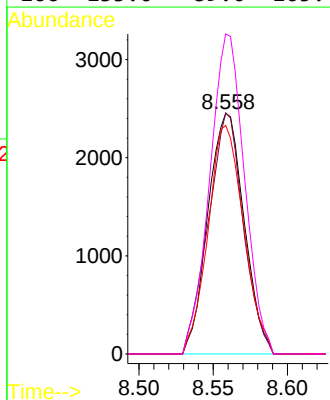
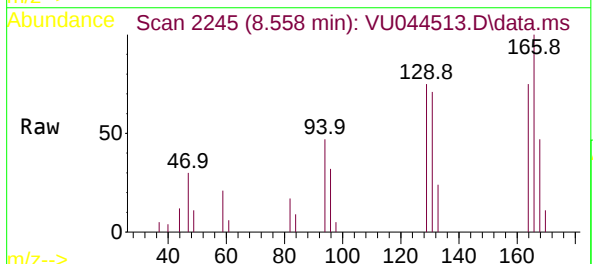
Instrument :
MSVOA_U
ClientSampleId :
C0AB9

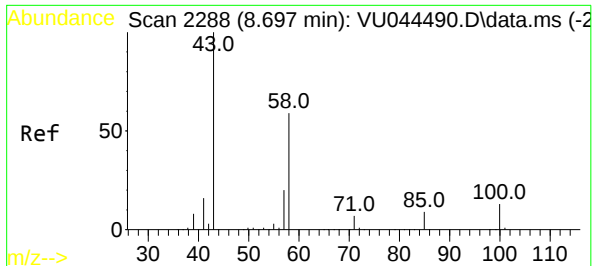
Tgt Ion: 91 Resp: 3053
Ion Ratio Lower Upper
91 100
92 57.5 40.7 75.5



#47
Tetrachloroethene
Concen: 0.641 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044513.D
Acq: 23 Aug 2021 20:20

Tgt Ion: 164 Resp: 4151
Ion Ratio Lower Upper
164 100
129 100.2 71.0 131.8
131 95.0 68.0 126.4
166 133.0 89.0 165.4

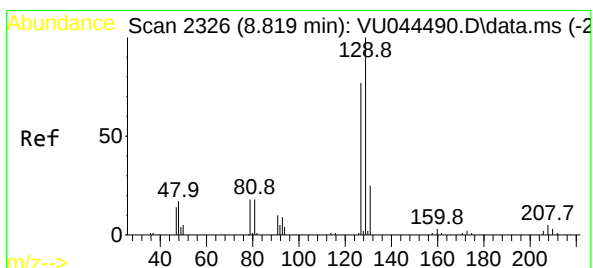
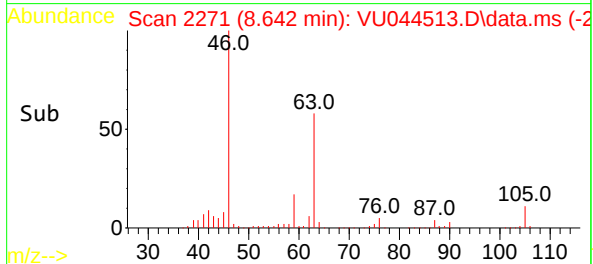
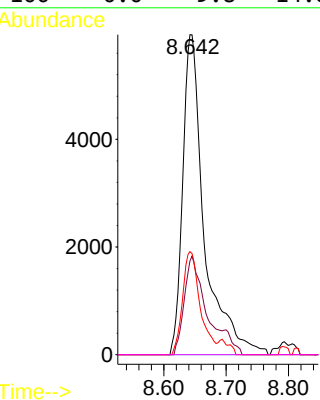
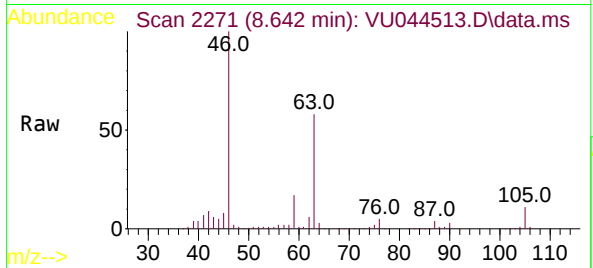




#48
2-Hexanone
Concen: 2.983 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.055 min
Lab File: VU044513.D
Acq: 23 Aug 2021 20:20

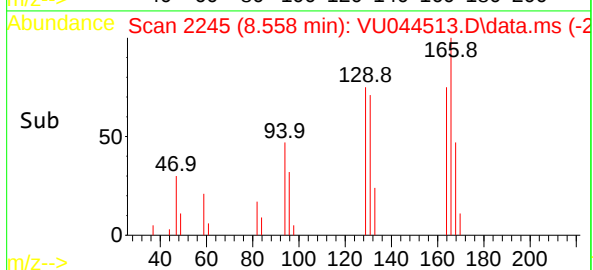
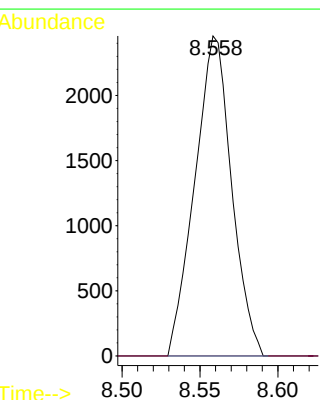
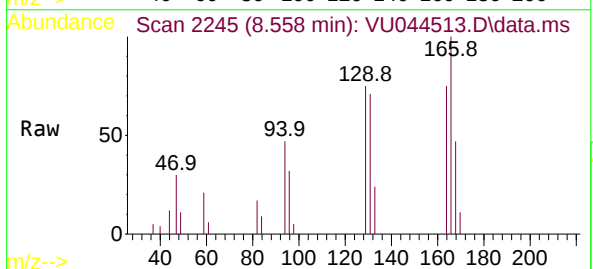
Instrument :
MSVOA_U
ClientSampled :
C0AB9

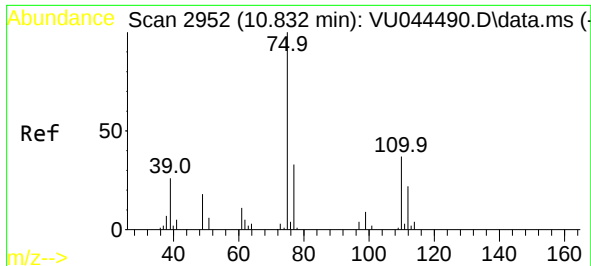
Tgt Ion:	43	Resp:	14342
Ion	Ratio	Lower	Upper
43	100		
58	29.5	46.5	69.7#
57	26.2	15.8	23.8#
100	0.0	9.8	14.8#



#49
Dibromochloromethane
Concen: 0.538 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU044513.D
Acq: 23 Aug 2021 20:20

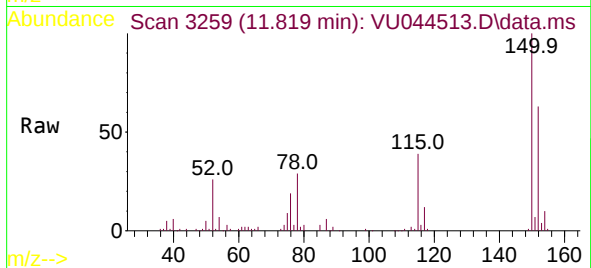
Tgt Ion:	129	Resp:	4032
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61
1,2,3-Trichloropropane
Concen: 1.133 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU044513.D
Acq: 23 Aug 2021 20:20

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 6947
Ion Ratio Lower Upper
75 100
110 0.7 28.4 42.6#
77 31.3 26.5 39.7

