

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
 Data File : VU044560.D
 Acq On : 02 Sep 2021 18:12
 Operator : SY/MD
 Sample : M3622-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 03 02:45:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 03 02:43:14 2021
 Response via : Initial Calibration

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

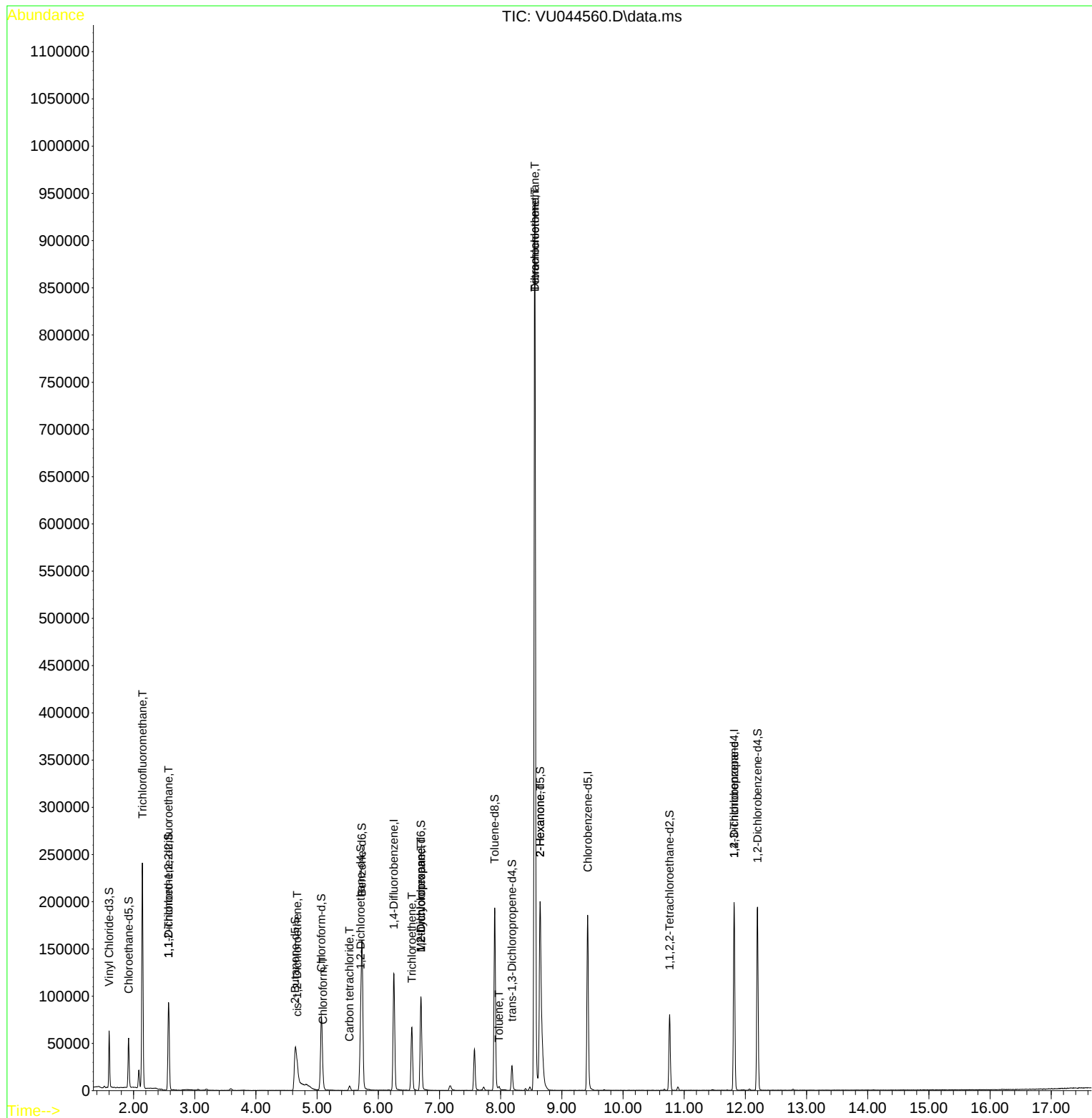
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103133	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	108633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	53951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40690	4.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.919	69	39288	5.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.572	65	17240	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.642	46	80079	34.714	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.420%
24) Chloroform-d	5.070	84	71726	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.710	65	40538	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.732	84	151244	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.697	67	46721	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.903	98	131266	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.186	79	15600	4.439	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.645	63	98011	51.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.140%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41761	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	51034	5.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	154326	10.508	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	923	0.114	ug/L #	23
22) cis-1,2-Dichloroethene	4.674	96	5356	0.607	ug/L	91
25) Chloroform	5.096	83	4582	0.279	ug/L	98
31) Carbon tetrachloride	5.530	117	3180	0.285	ug/L	99
34) Trichloroethene	6.549	95	23630	2.593	ug/L	97
35) Methylcyclohexane	6.697	83	11336	0.746	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4860	0.504	ug/L #	88
42) Toluene	7.973	91	2362	0.062	ug/L	94
47) Tetrachloroethene	8.559	164	215668	34.229	ug/L	96
48) 2-Hexanone	8.645	43	13053	2.792	ug/L #	72
49) Dibromochloromethane	8.559	129	198513	27.257	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6406	0.950	ug/L #	68

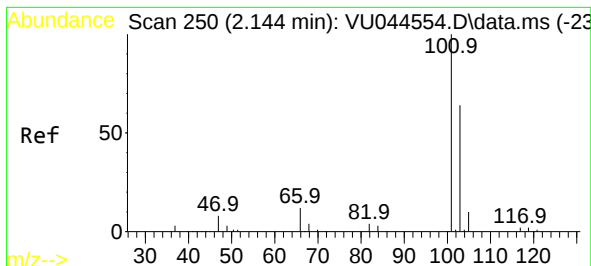
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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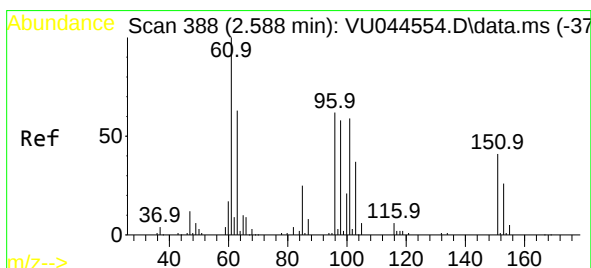
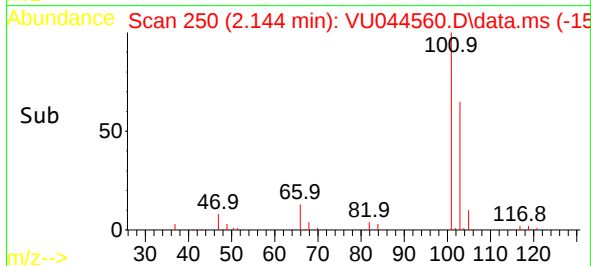
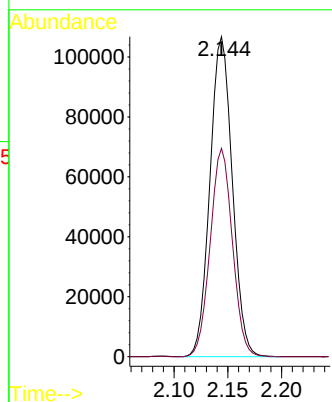
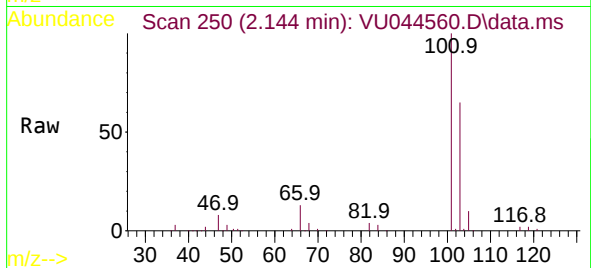


#9

Trichlorofluoromethane
Concen: 10.508 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

Instrument :
MSVOA_U
ClientSampleId :

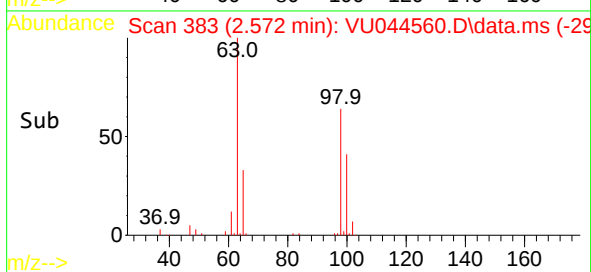
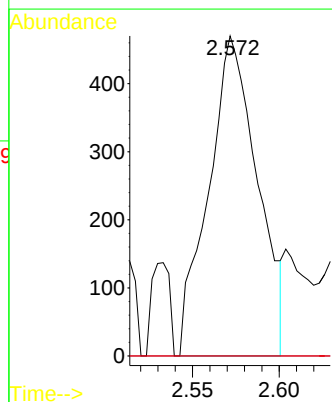
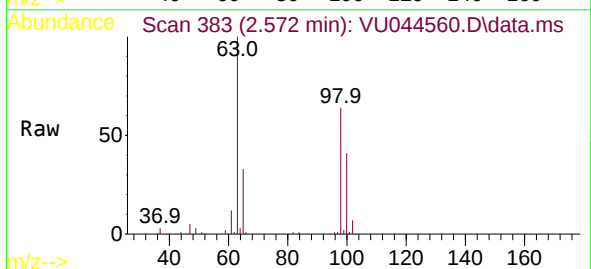
Tgt Ion:101 Resp: 154326
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

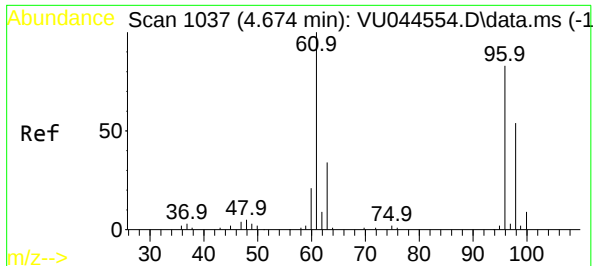


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.114 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

Tgt Ion:101 Resp: 923
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.0 79.6#





#22

cis-1,2-Dichloroethene

Concen: 0.607 ug/L

RT: 4.674 min Scan# 1037

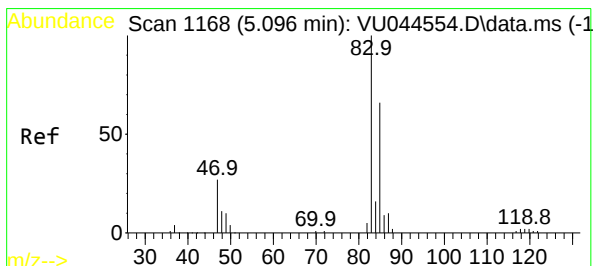
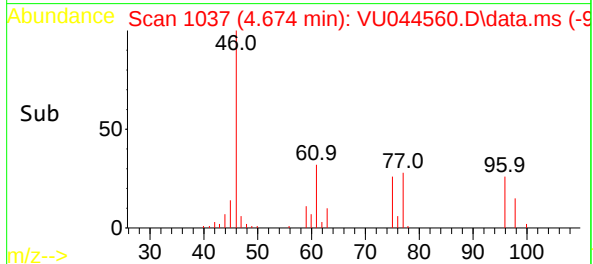
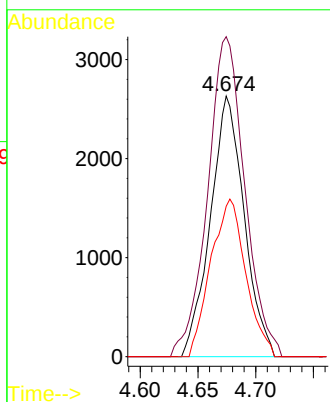
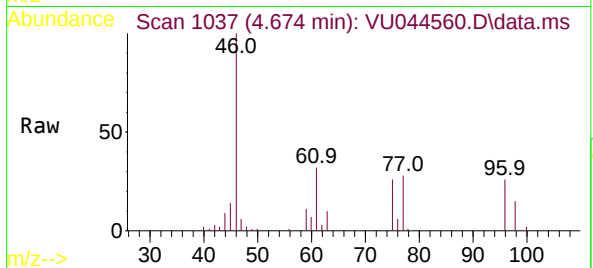
Delta R.T. -0.000 min

Lab File: VU044560.D

Acq: 02 Sep 2021 18:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	96	Resp:	5356
Ion	Ratio	Lower	Upper
96	100		
61	122.8	93.9	174.5
98	57.7	44.7	83.1



#25

Chloroform

Concen: 0.279 ug/L

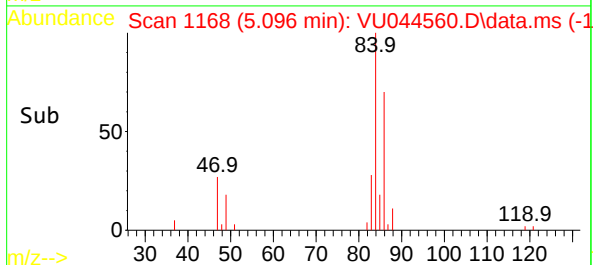
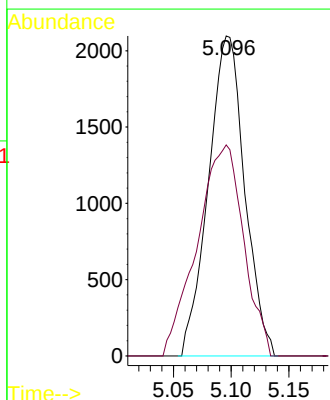
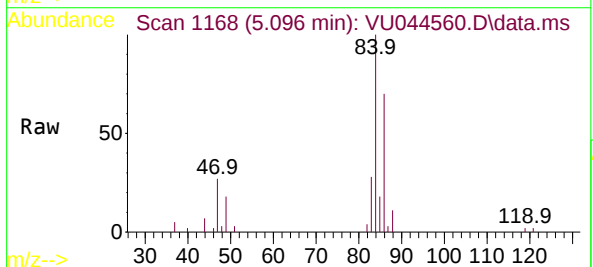
RT: 5.096 min Scan# 1168

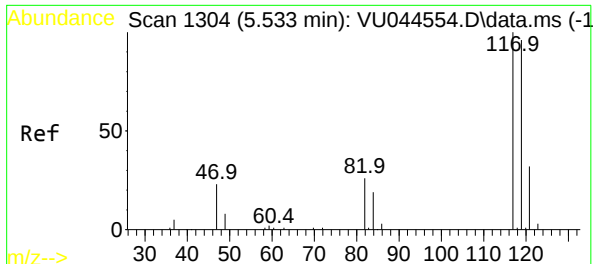
Delta R.T. -0.000 min

Lab File: VU044560.D

Acq: 02 Sep 2021 18:12

Tgt Ion:	83	Resp:	4582
Ion	Ratio	Lower	Upper
83	100		
85	66.0	45.3	84.1

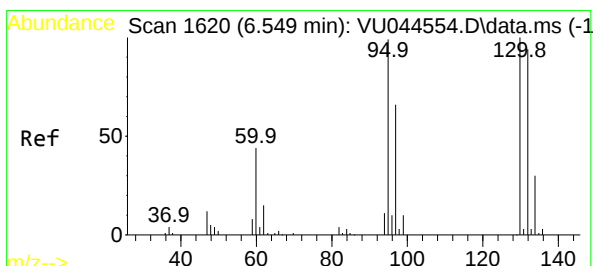
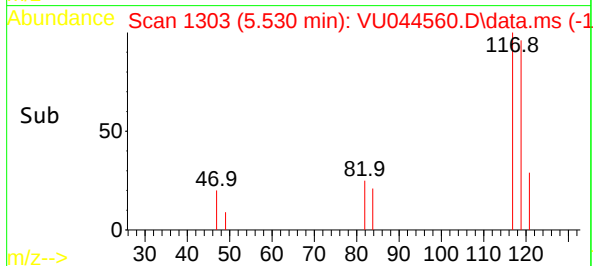
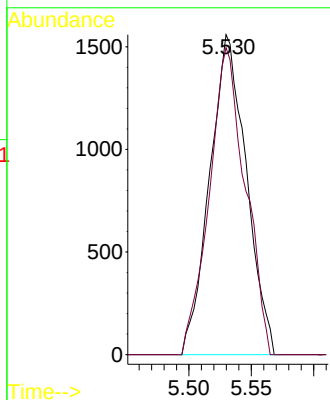
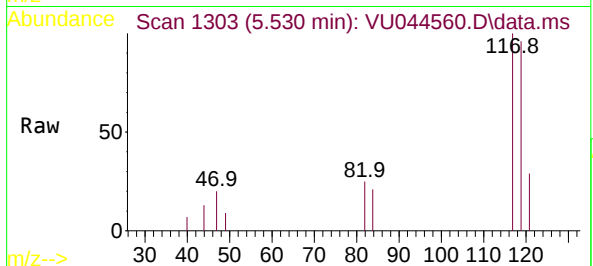




#31
Carbon tetrachloride
Concen: 0.285 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

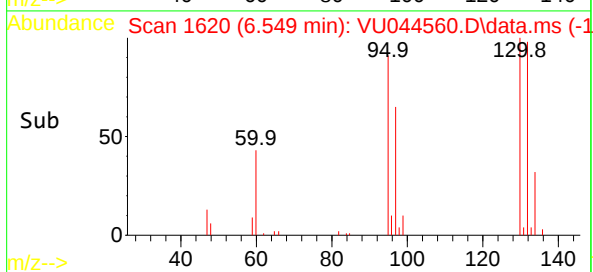
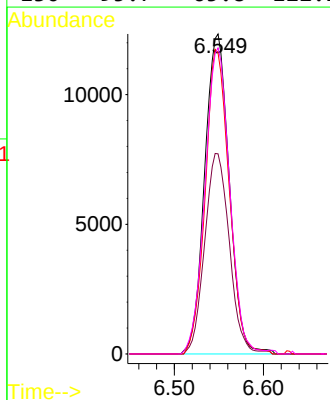
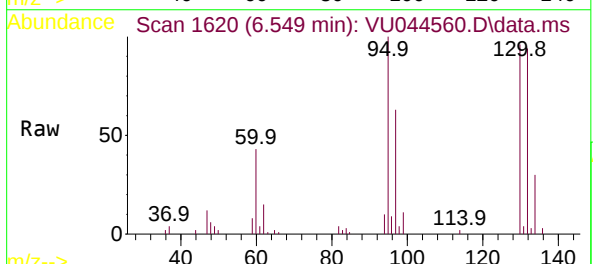
Instrument :
MSVOA_U
ClientSampleId :

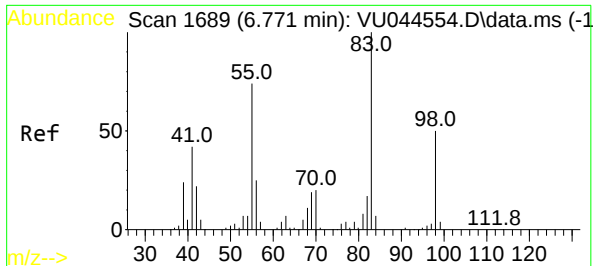
Tgt Ion:117 Resp: 3180
Ion Ratio Lower Upper
117 100
119 94.3 76.6 114.8



#34
Trichloroethene
Concen: 2.593 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

Tgt Ion: 95 Resp: 23630
Ion Ratio Lower Upper
95 100
97 62.6 45.6 84.8
132 94.1 63.4 117.8
130 95.7 65.8 122.2

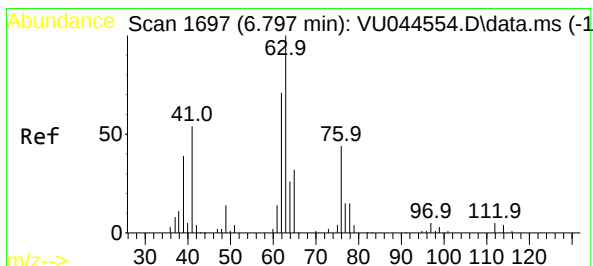
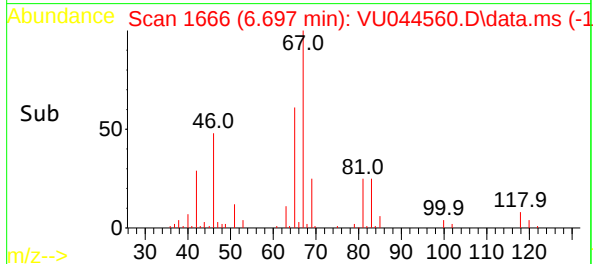
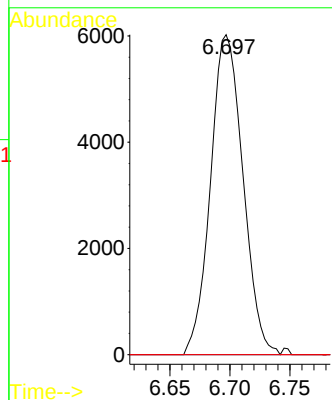
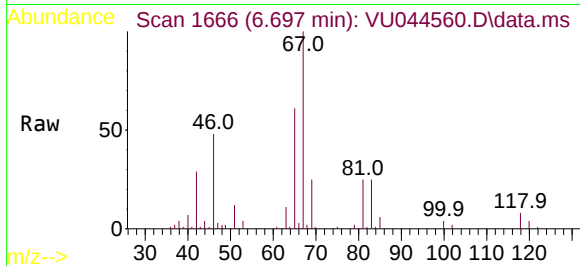




#35
Methylcyclohexane
Concen: 0.746 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

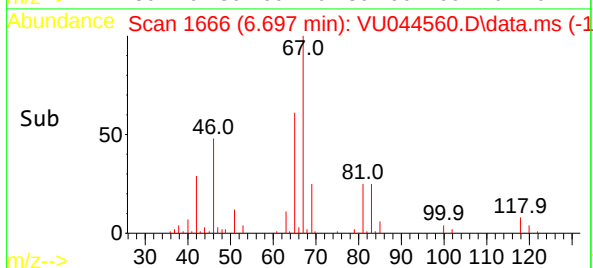
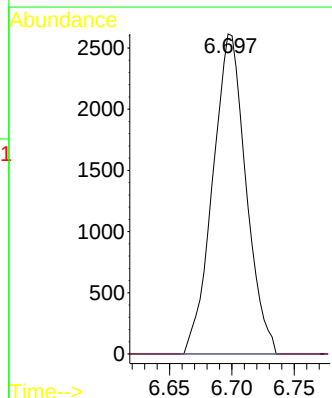
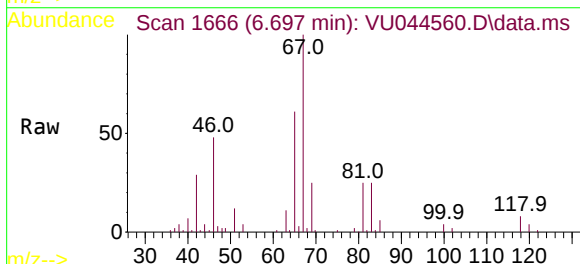
Instrument :
MSVOA_U
ClientSampleId :

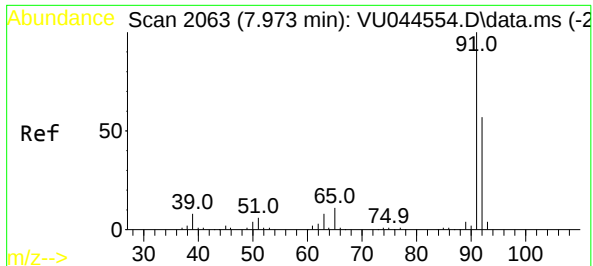
Tgt Ion: 83	Resp: 11336
Ion Ratio	Lower Upper
83 100	
55 0.0	64.8 97.2#
98 2.0	37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

Tgt Ion: 63	Resp: 4860
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#

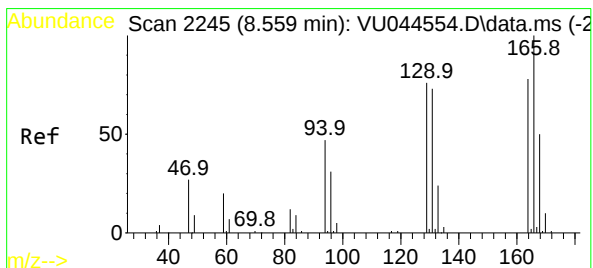
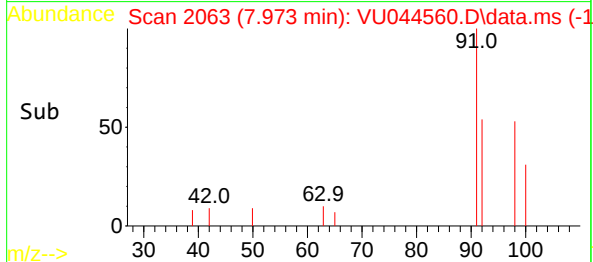
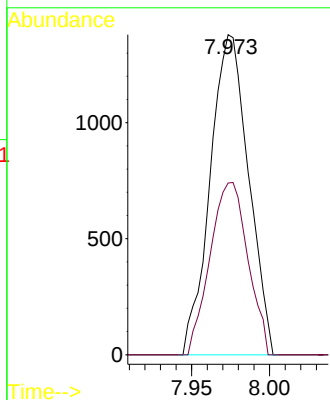
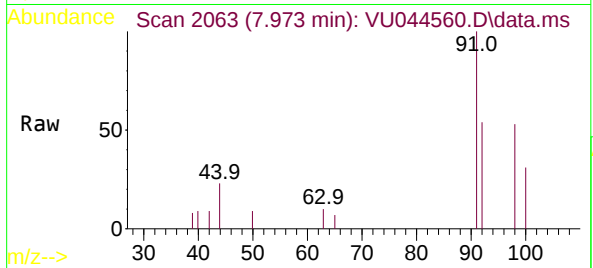




#42
Toluene
Concen: 0.062 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

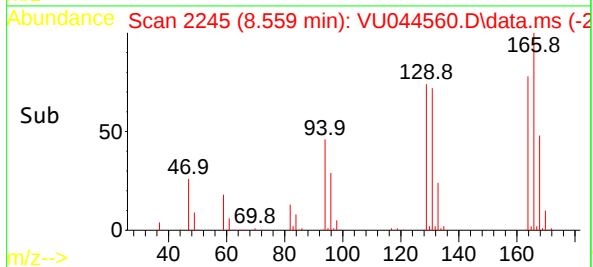
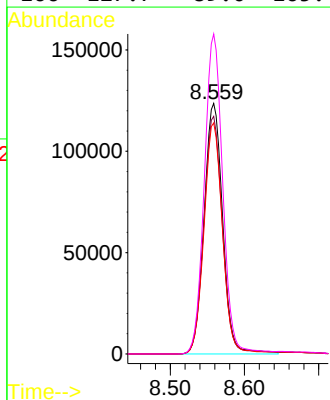
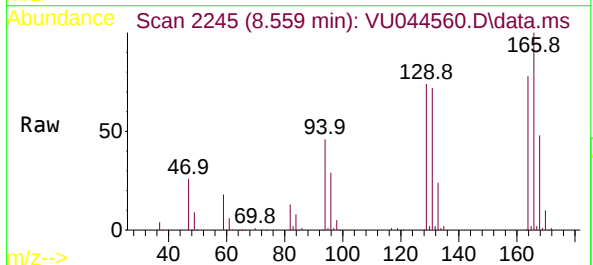
Instrument :
MSVOA_U
ClientSampled :

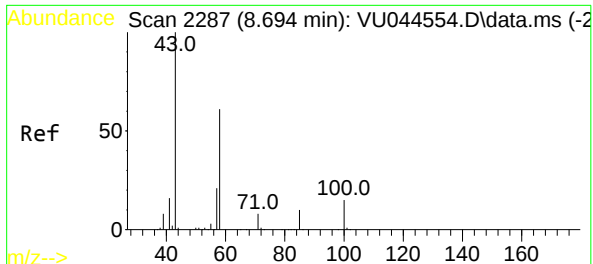
Tgt Ion: 91 Resp: 2362
Ion Ratio Lower Upper
91 100
92 53.7 40.7 75.5



#47
Tetrachloroethene
Concen: 34.229 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

Tgt Ion: 164 Resp: 215668
Ion Ratio Lower Upper
164 100
129 94.8 71.0 131.8
131 92.2 68.0 126.4
166 127.7 89.0 165.4

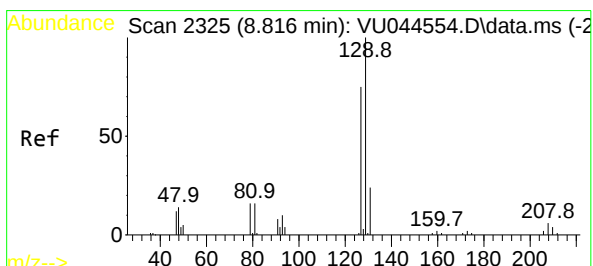
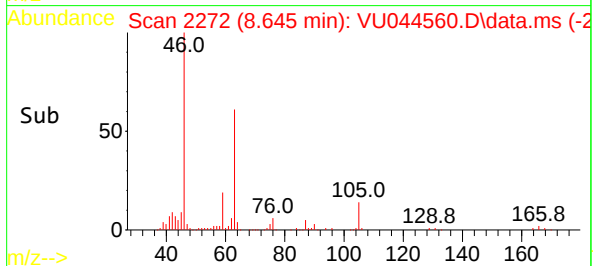
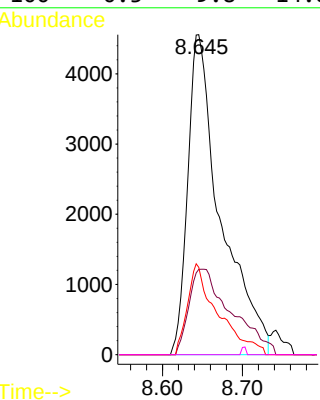
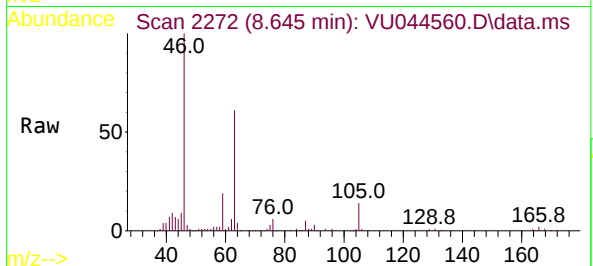




#48
2-Hexanone
Concen: 2.792 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

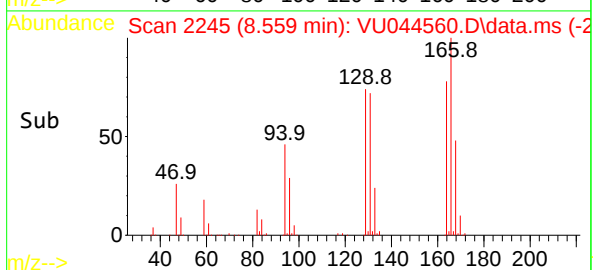
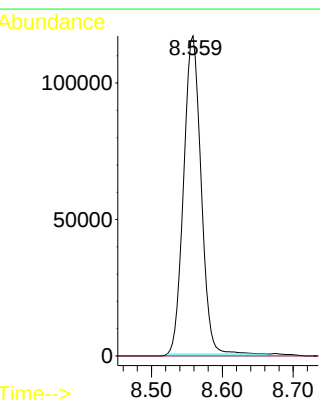
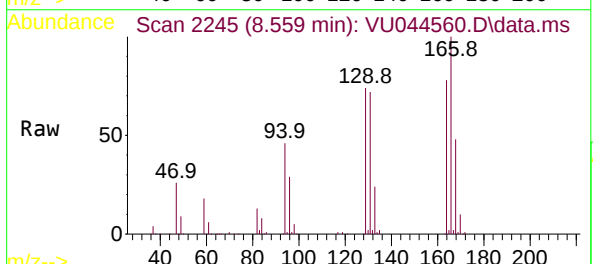
Instrument :
MSVOA_U
ClientSampled :

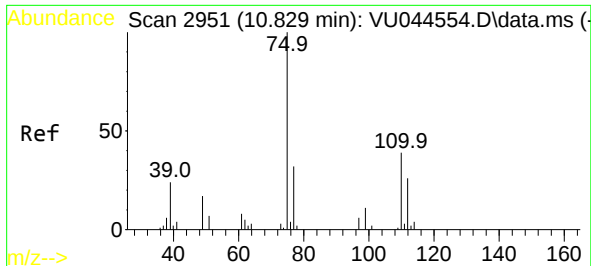
Tgt Ion: 43	Resp: 13053
Ion Ratio	Lower Upper
43 100	
58 34.3	46.5 69.7#
57 26.1	15.8 23.8#
100 0.3	9.8 14.8#



#49
Dibromochloromethane
Concen: 27.257 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

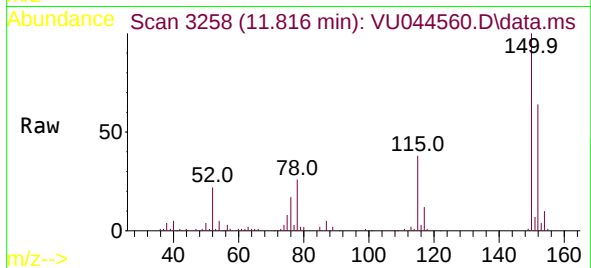
Tgt Ion: 129	Resp: 198513
Ion Ratio	Lower Upper
129 100	
127 0.0	54.7 101.7#





#61
1,2,3-Trichloropropane
Concen: 0.950 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044560.D
Acq: 02 Sep 2021 18:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 6406
Ion Ratio Lower Upper
75 100
110 0.3 28.4 42.6#
77 32.0 26.5 39.7

