

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042667.D
 Acq On : 15 Mar 2021 16:08
 Operator : SY/MD
 Sample : M1676-12DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1DL

Quant Time: Mar 16 01:38:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

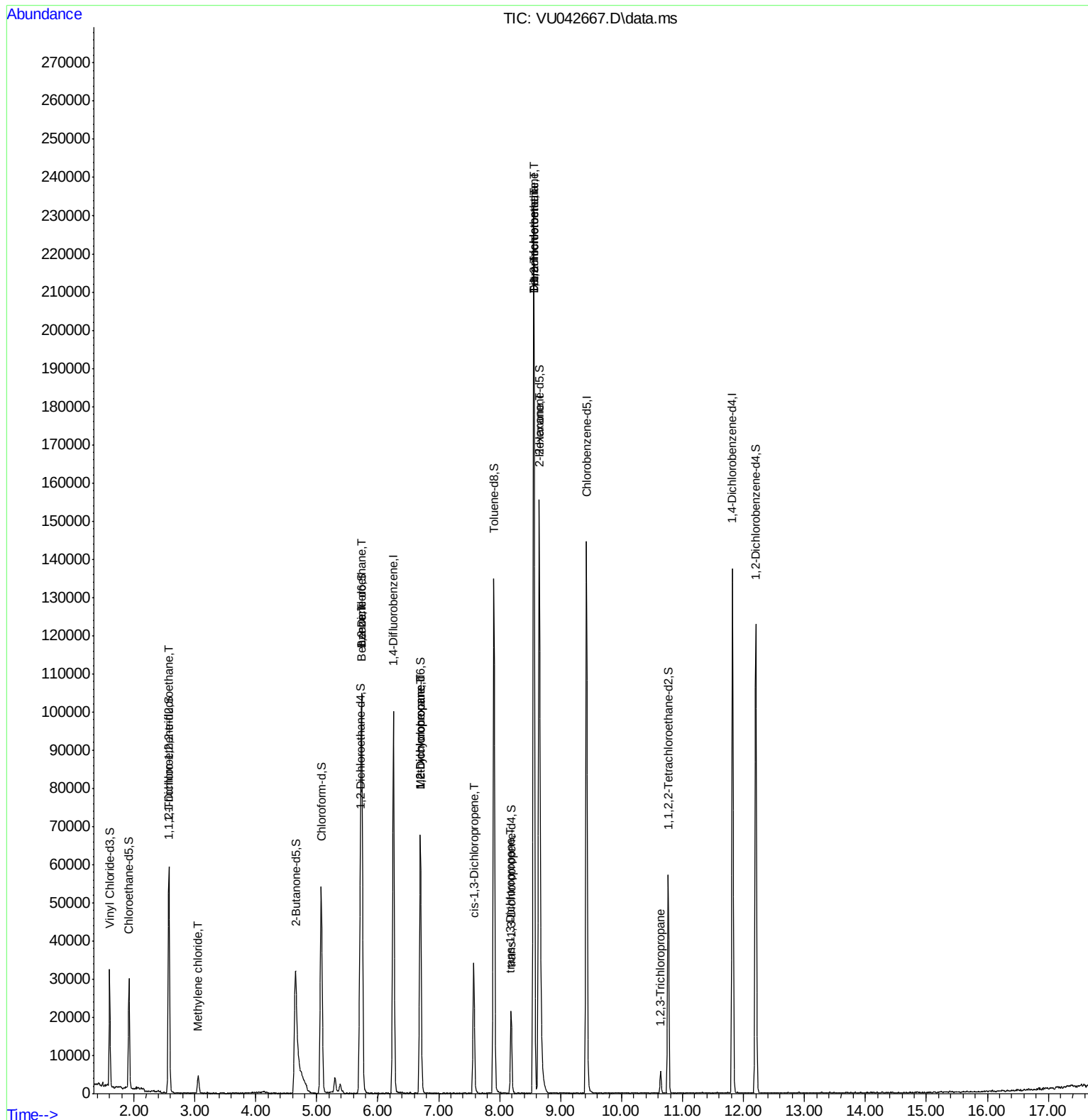
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	76942	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34918	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	20323	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.919	69	18604	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.575	63	36295	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.652	46	71830	42.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.30%
24) Chloroform-d	5.073	84	49483	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.713	65	34111	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.735	84	86746	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.700	67	29069	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.906	98	83886	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.185	79	11272	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.648	63	60348	44.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.68%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25989	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	32681	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	260	0.04	ug/L #	18
16) Methylene chloride	3.051	84	1887	0.29	ug/L	82
27) 1,2-Dichloroethane	5.735	62	599	0.07	ug/L #	75
33) Benzene	5.739	78	795	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7065	0.70	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3407	0.53	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	901	0.10	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	595	0.07	ug/L #	75
45) 1,1,2-Trichloroethane	8.558	97	466	0.10	ug/L #	28
47) Tetrachloroethene	8.562	164	50169	9.33	ug/L	99
48) 2-Hexanone	8.645	43	9845	2.38	ug/L #	69
49) Dibromochloromethane	8.558	129	45034	7.59	ug/L #	12
59) 1,2,3-Trichloropropane	10.639	75	1190	0.25	ug/L #	42

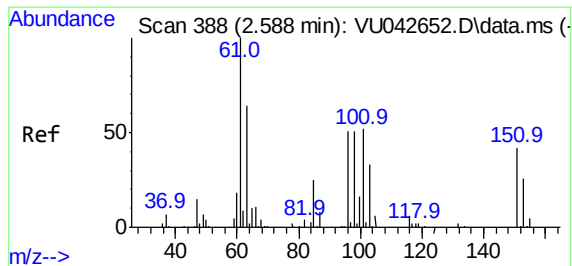
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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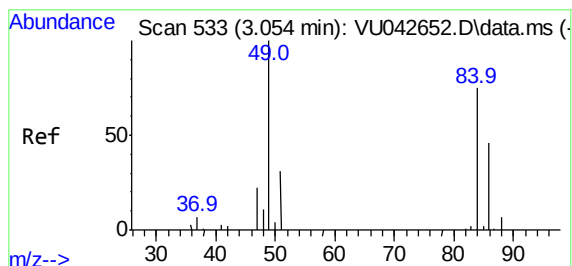
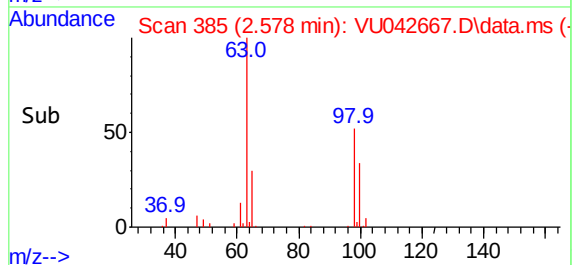
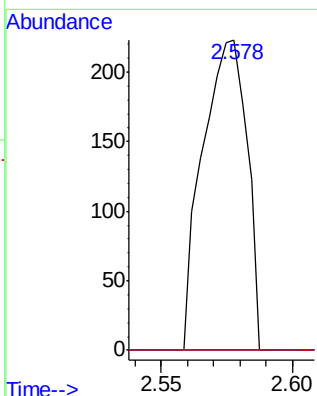
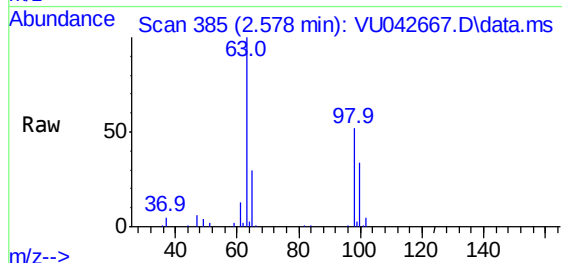




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.04 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042667.D
 Acq: 15 Mar 2021 16:08

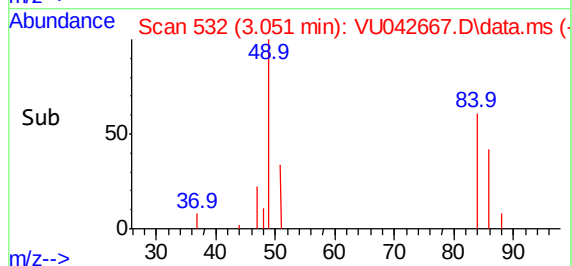
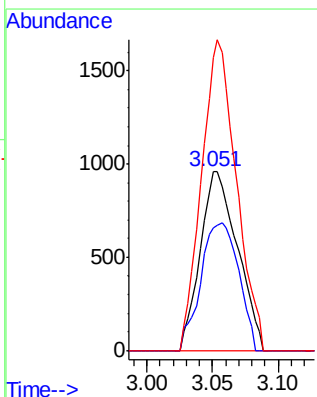
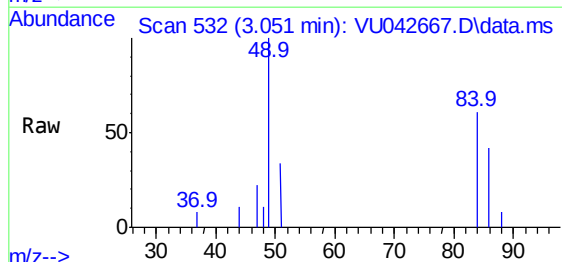
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1DL

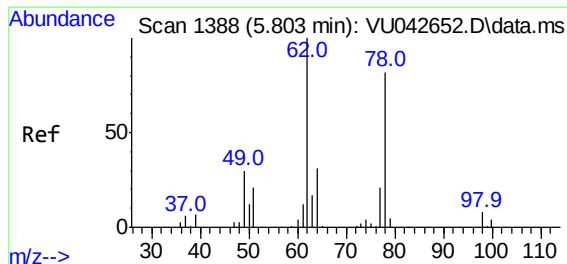
Tgt Ion:101 Resp: 260
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#16
 Methylene chloride
 Concen: 0.29 ug/L
 RT: 3.051 min Scan# 532
 Delta R.T. -0.003 min
 Lab File: VU042667.D
 Acq: 15 Mar 2021 16:08

Tgt Ion: 84 Resp: 1887
 Ion Ratio Lower Upper
 84 100
 86 68.9 44.1 81.9
 49 163.8 95.0 176.4

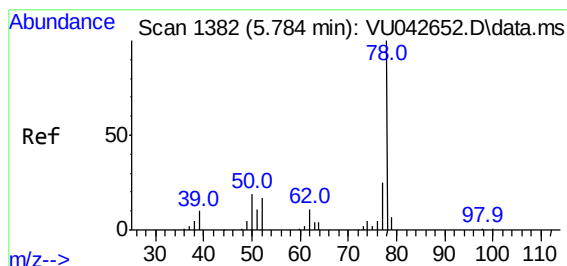
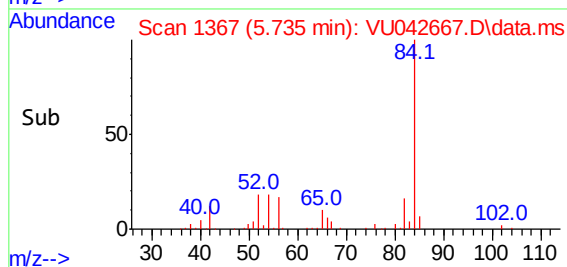
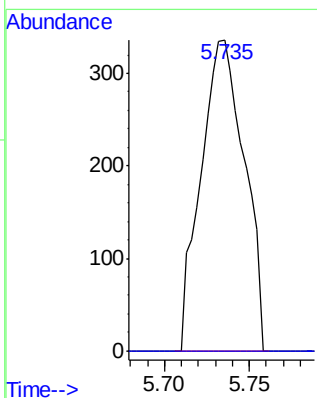
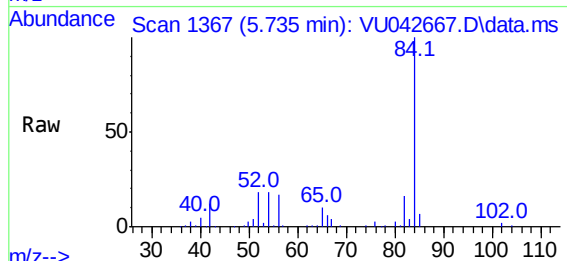




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042667.D
Acq: 15 Mar 2021 16:08

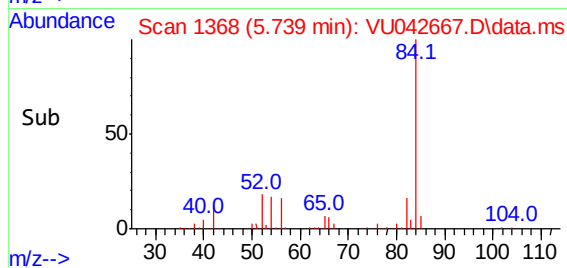
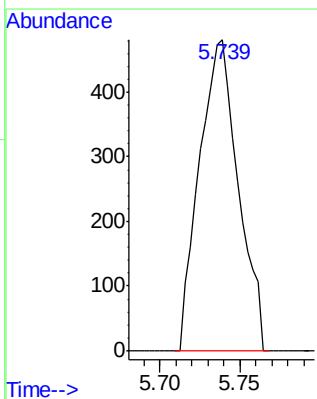
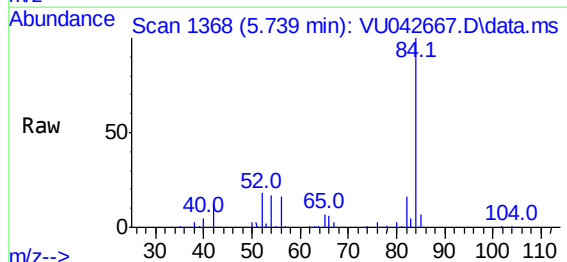
Instrument :
MSVOA_U
ClientSampleId :
C0AE1DL

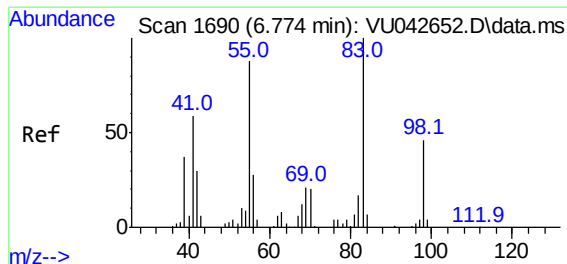
Tgt Ion: 62 Resp: 599
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042667.D
Acq: 15 Mar 2021 16:08

Tgt Ion: 78 Resp: 795

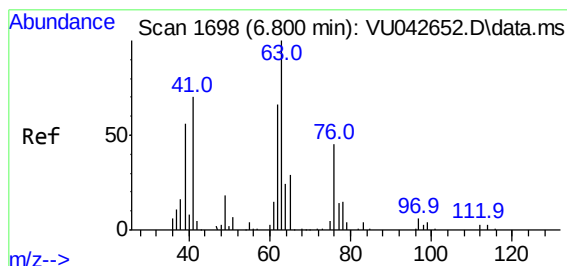
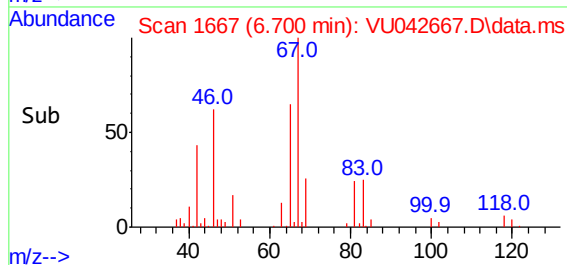
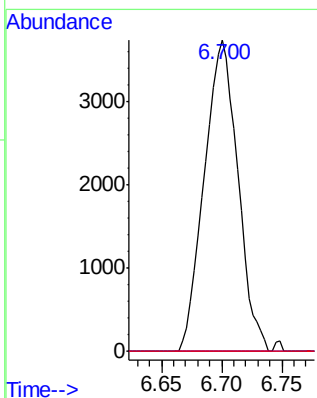
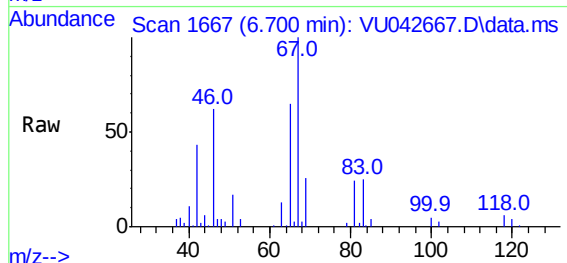




#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042667.D
Acq: 15 Mar 2021 16:08

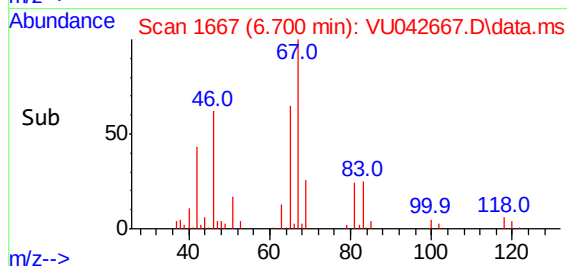
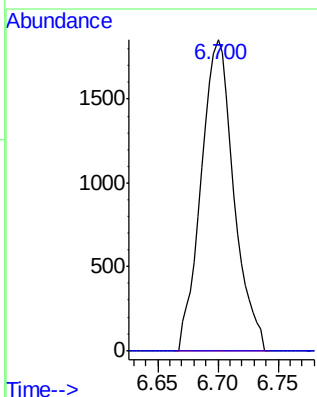
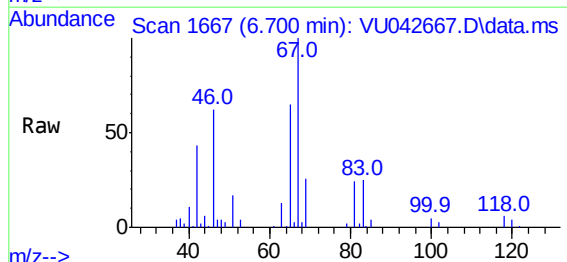
Instrument :
MSVOA_U
ClientSampleId :
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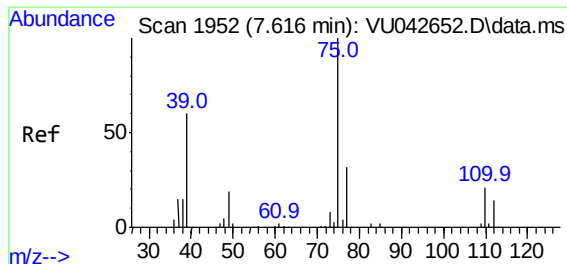
Tgt Ion: 83 Resp: 7065
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042667.D
Acq: 15 Mar 2021 16:08

Tgt Ion: 63 Resp: 3407
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

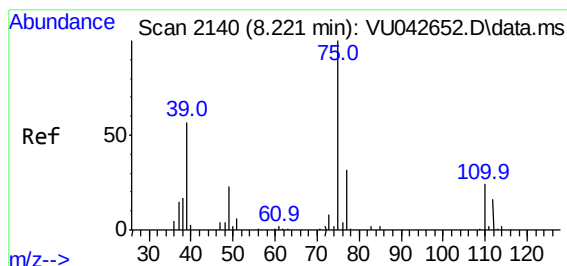
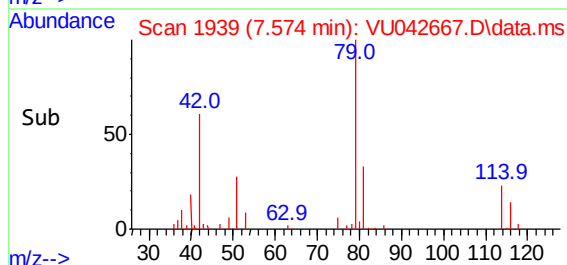
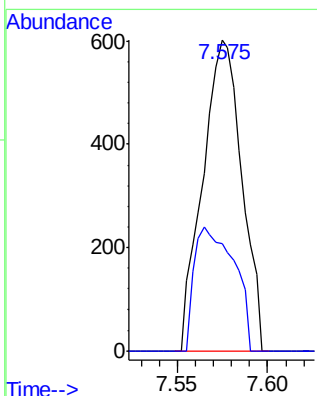
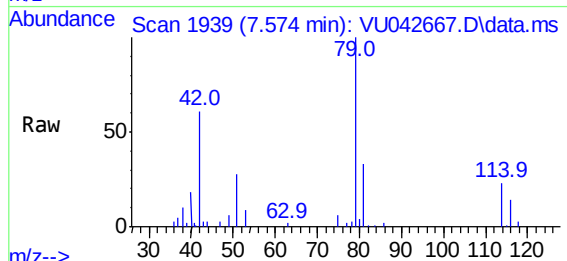




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 7.574 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU042667.D
 Acq: 15 Mar 2021 16:08

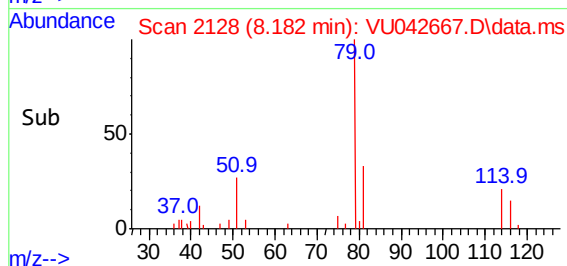
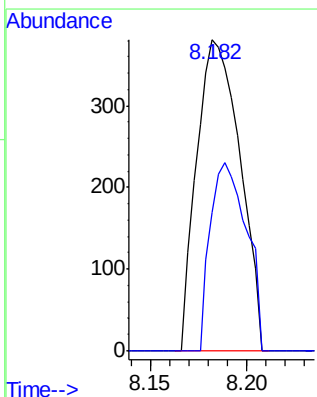
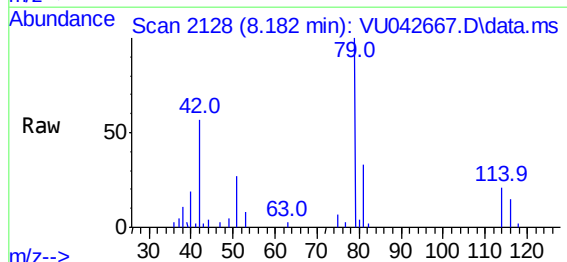
Instrument :
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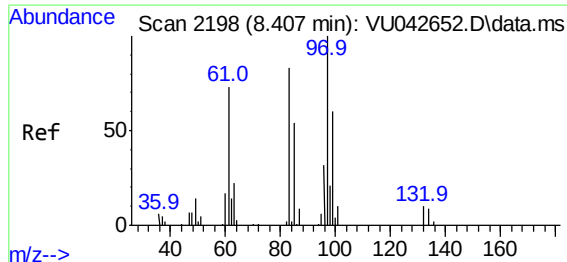
Tgt Ion: 75 Resp: 901
 Ion Ratio Lower Upper
 75 100
 77 34.4 22.0 40.8



#44
 trans-1,3-Dichloropropene
 Concen: 0.07 ug/L
 RT: 8.182 min Scan# 2128
 Delta R.T. -0.039 min
 Lab File: VU042667.D
 Acq: 15 Mar 2021 16:08

Tgt Ion: 75 Resp: 595
 Ion Ratio Lower Upper
 75 100
 77 44.6 21.8 40.4#



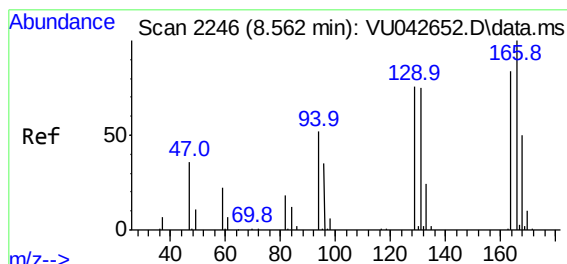
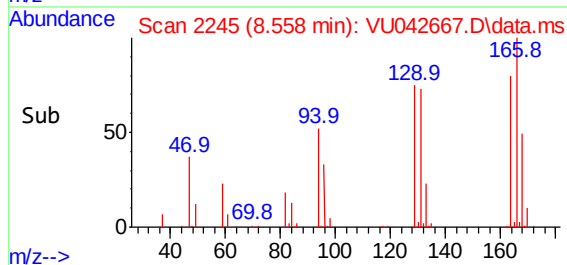
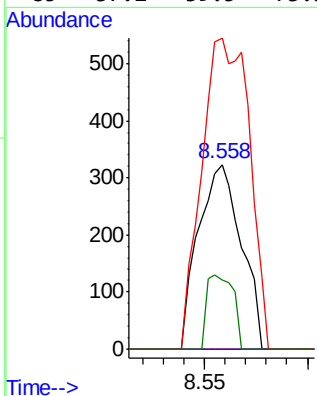
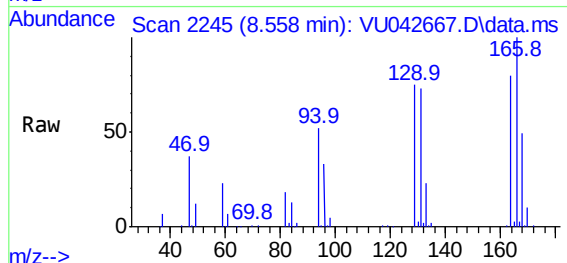


#45
1,1,2-Trichloroethane
Concen: 0.10 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU042667.D
Acq: 15 Mar 2021 16:08

Instrument :
MSVOA_U
ClientSampleId :
C0AE1DL

Tgt Ion: 97 Resp: 466

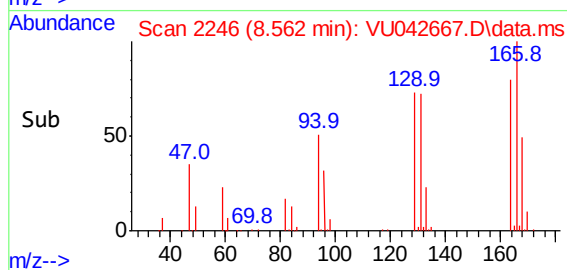
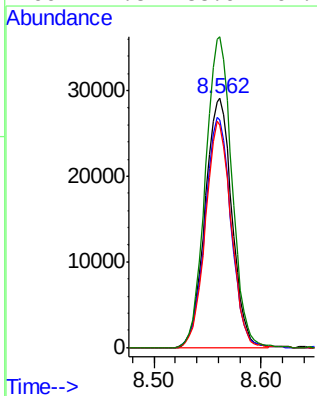
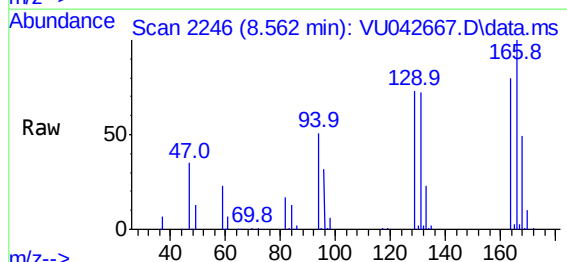
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.0	81.8#
83	168.7	57.6	107.0#
85	37.2	39.5	73.3#

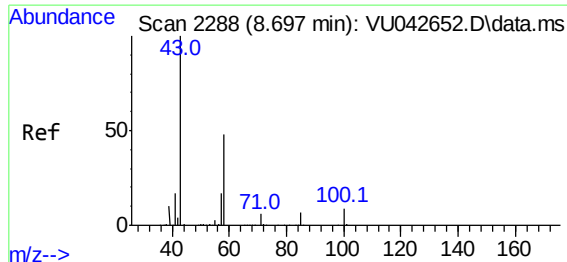


#47
Tetrachloroethene
Concen: 9.33 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042667.D
Acq: 15 Mar 2021 16:08

Tgt Ion: 164 Resp: 50169

Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.3	119.5
131	89.5	62.2	115.6
166	124.8	88.6	164.6

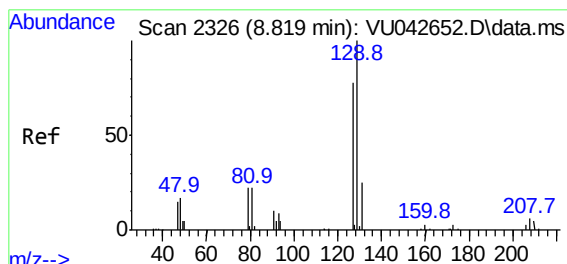
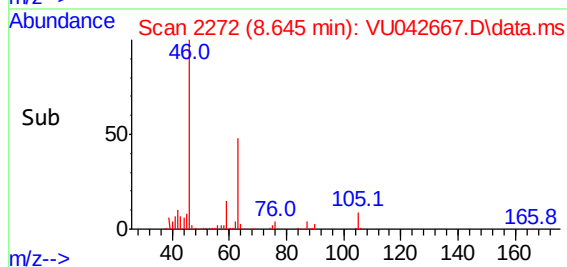
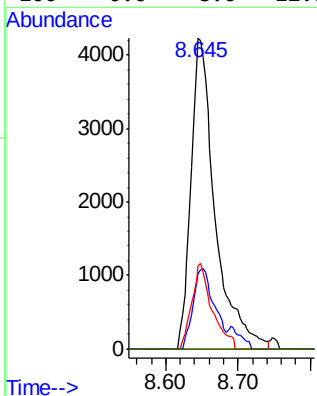
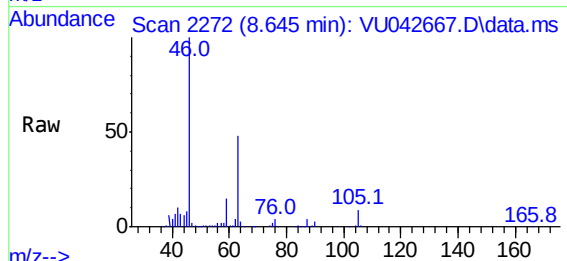




#48
2-Hexanone
Concen: 2.38 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042667.D
Acq: 15 Mar 2021 16:08

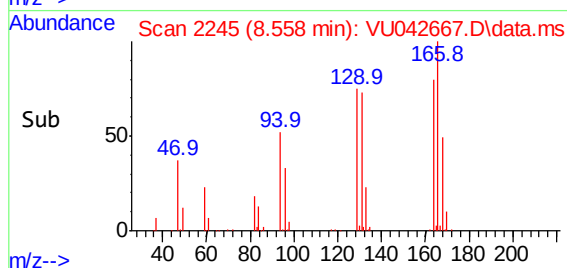
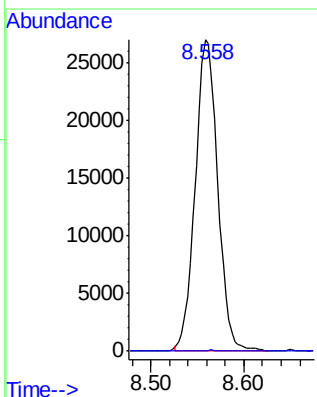
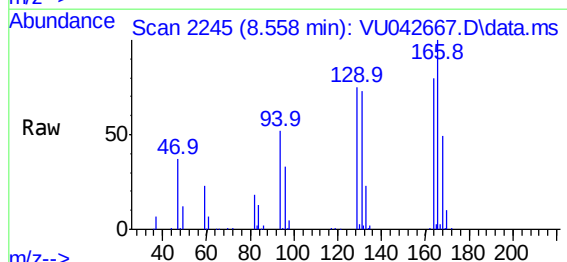
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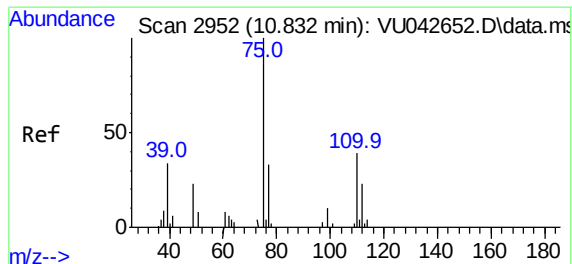
Tgt Ion: 43 Resp: 9845
Ion Ratio Lower Upper
43 100
58 23.0 40.6 61.0#
57 23.0 14.9 22.3#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 7.59 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042667.D
Acq: 15 Mar 2021 16:08

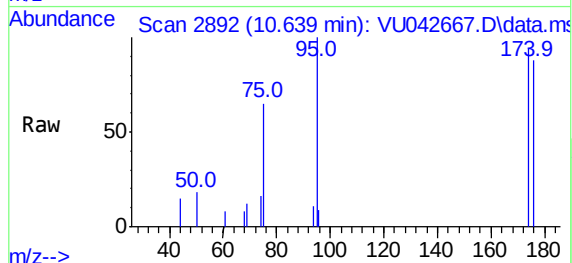
Tgt Ion: 129 Resp: 45034
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.25 ug/L
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042667.D
 Acq: 15 Mar 2021 16:08

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1DL



Tgt Ion: 75 Resp: 1190
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

