

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047426.D
 Acq On : 09 Mar 2022 23:51
 Operator : SY/MD
 Sample : N1861-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 01:09:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

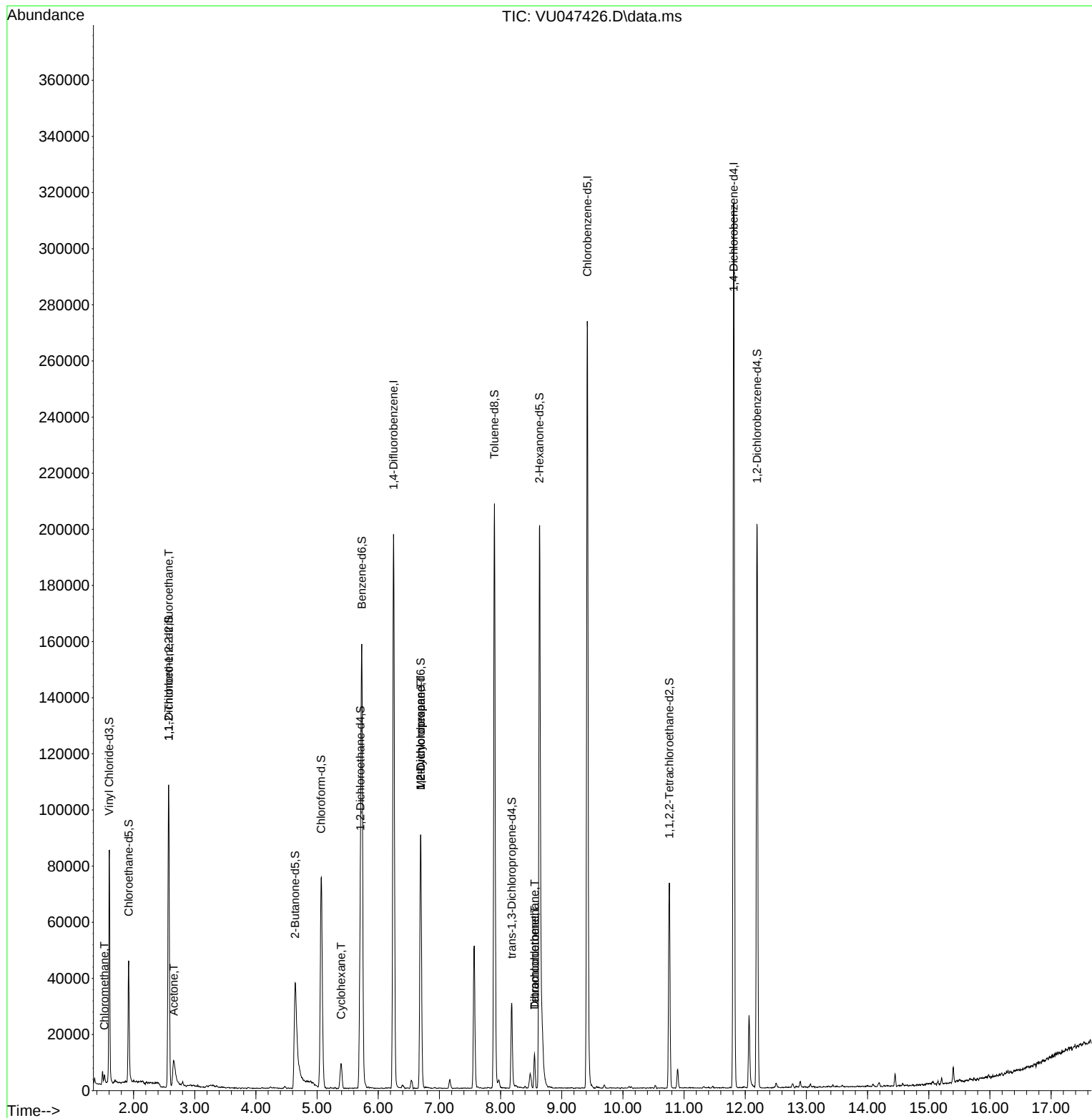
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	170767	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	164122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44094	4.761	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.919	69	32881	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.575	65	19901	4.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.642	46	81584	49.476	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	5.067	84	70119	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.706	65	36503	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.732	84	152069	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.694	67	44802	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.899	98	143588	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.182	79	18402	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.636	63	85882	50.278	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36656	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	56385	5.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
3) Chloromethane	1.523	50	2149	0.168	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	658	0.064	ug/L #	17
13) Acetone	2.655	43	23632	15.598	ug/L	90
30) Cyclohexane	5.395	56	4765	0.292	ug/L	98
35) Methylcyclohexane	6.694	83	10530	0.563	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4495	0.407	ug/L #	88
47) Tetrachloroethene	8.555	164	2642	0.263	ug/L	95
49) Dibromochloromethane	8.555	129	2570	0.234	ug/L #	12

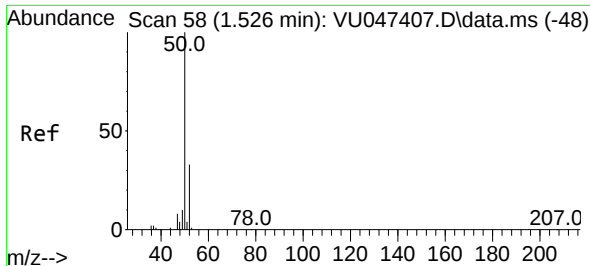
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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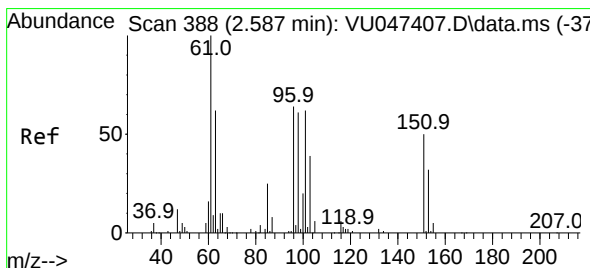
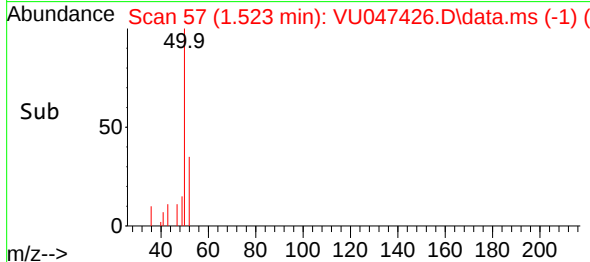
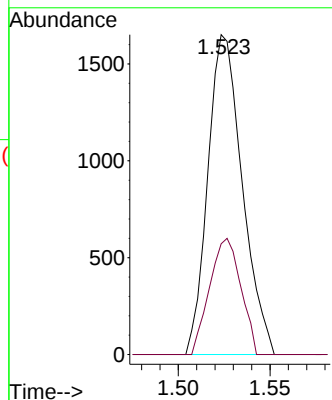
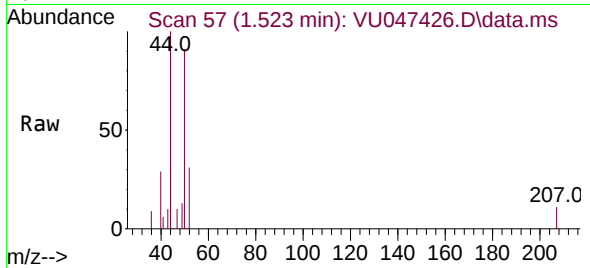




#3
Chloromethane
Concen: 0.168 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047426.D
Acq: 09 Mar 2022 23:51

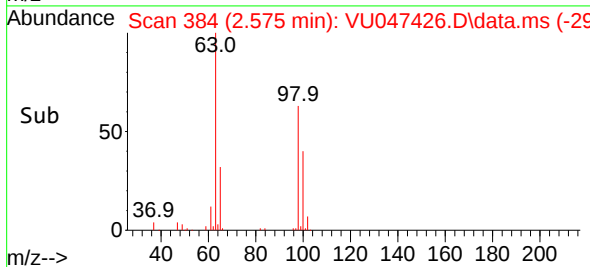
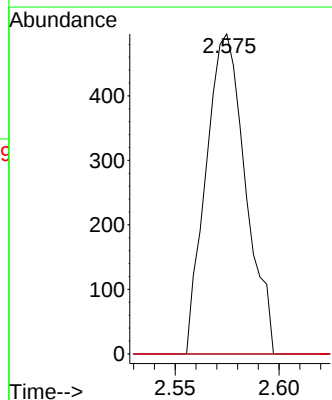
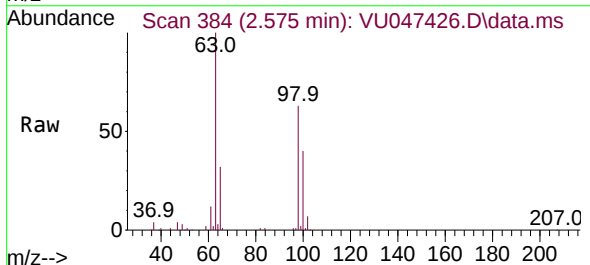
Instrument :
MSVOA_U
ClientSampleId :

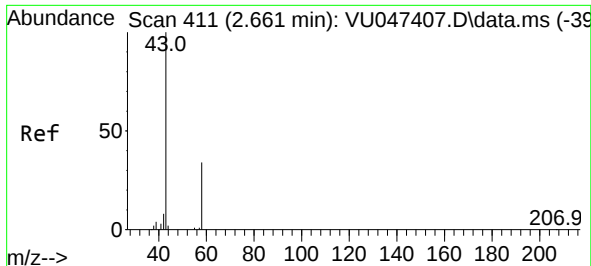
Tgt Ion: 50 Resp: 2149
Ion Ratio Lower Upper
50 100
52 34.6 22.5 41.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047426.D
Acq: 09 Mar 2022 23:51

Tgt Ion: 101 Resp: 658
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#

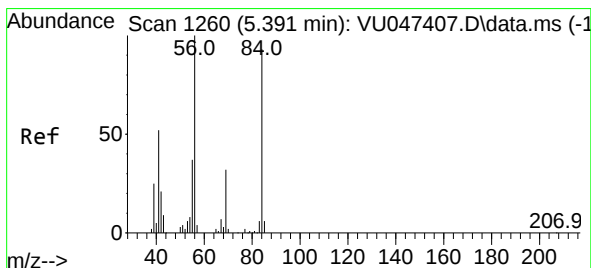
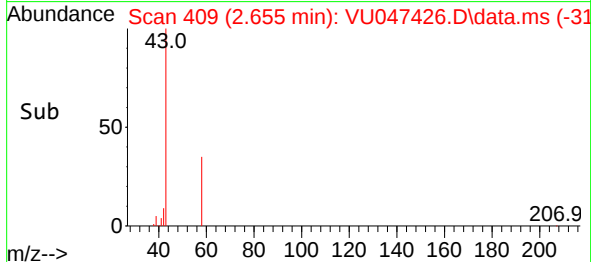
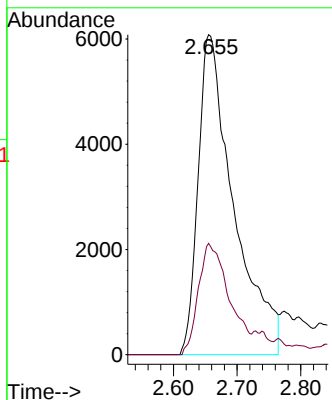
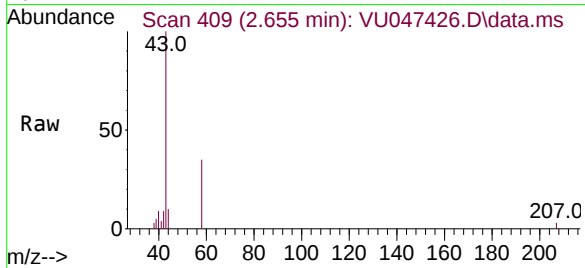




#13
Acetone
Concen: 15.598 ug/L
RT: 2.655 min Scan# 411
Delta R.T. -0.006 min
Lab File: VU047426.D
Acq: 09 Mar 2022 23:51

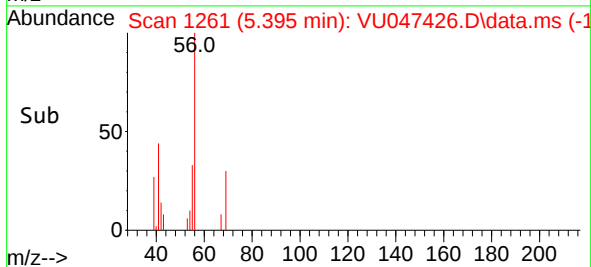
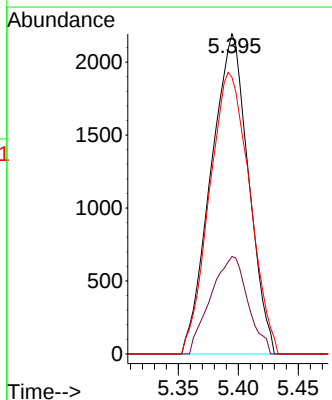
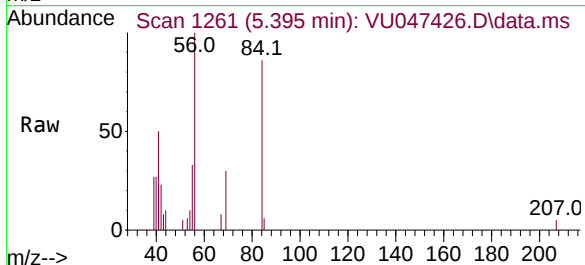
Instrument :
MSVOA_U
ClientSampleId :

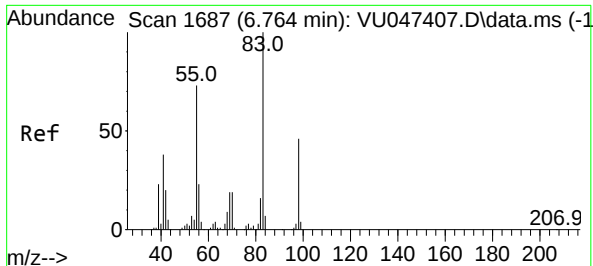
Tgt Ion: 43 Resp: 23632
Ion Ratio Lower Upper
43 100
58 30.4 0.0 72.6



#30
Cyclohexane
Concen: 0.292 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VU047426.D
Acq: 09 Mar 2022 23:51

Tgt Ion: 56 Resp: 4765
Ion Ratio Lower Upper
56 100
69 30.2 26.0 39.0
84 94.1 76.3 114.5





#35

Methylcyclohexane

Concen: 0.563 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU047426.D

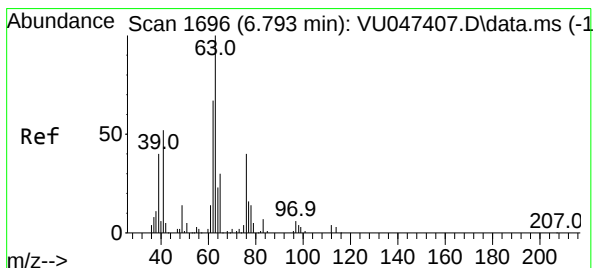
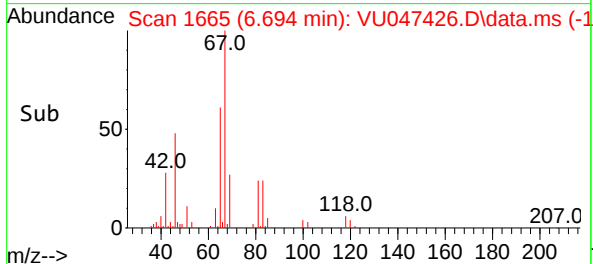
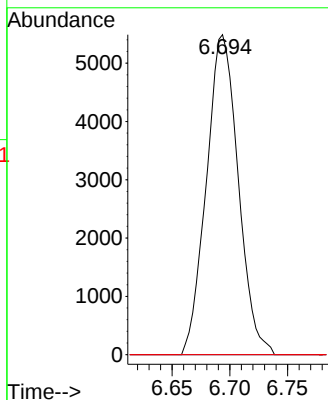
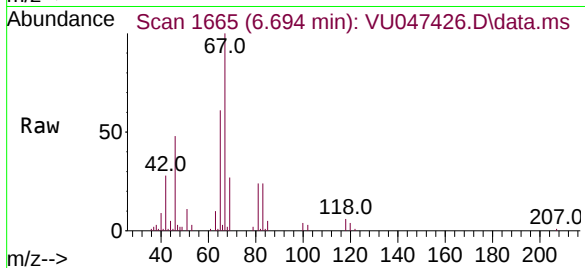
Acq: 09 Mar 2022 23:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	10530
Ion Ratio	Lower	Upper	
83	100		
55	0.0	57.8	86.8#
98	0.0	38.0	57.0#



#37

1,2-Dichloropropane

Concen: 0.407 ug/L

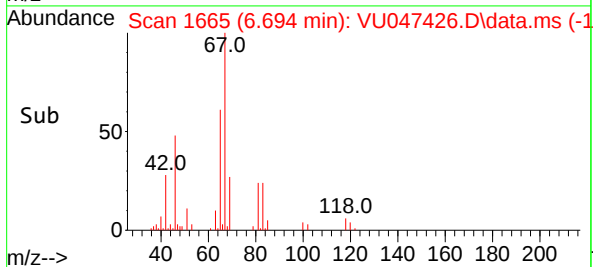
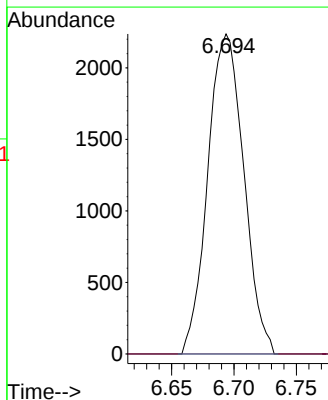
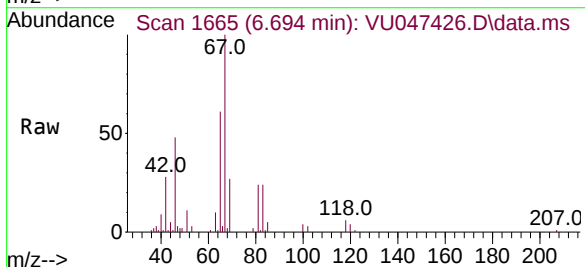
RT: 6.694 min Scan# 1665

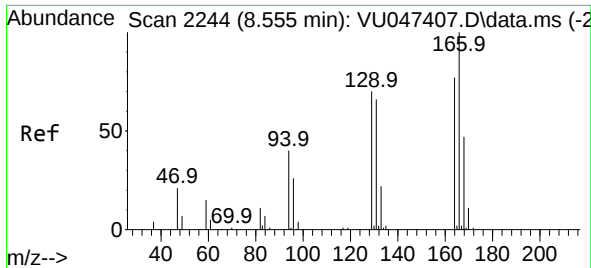
Delta R.T. -0.099 min

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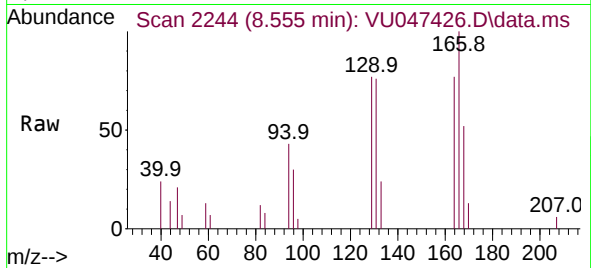
Tgt Ion:	63	Resp:	4495
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#



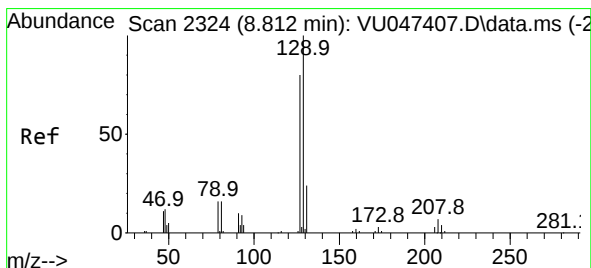
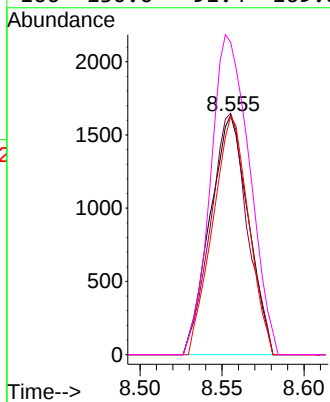
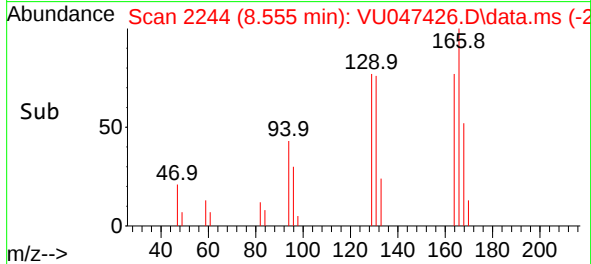


#47
Tetrachloroethene
Concen: 0.263 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047426.D
Acq: 09 Mar 2022 23:51

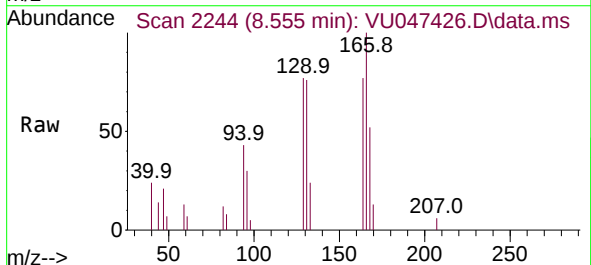
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 2642
Ion Ratio Lower Upper
164 100
129 100.9 64.9 120.5
131 99.6 63.6 118.2
166 130.6 91.4 169.8



#49
Dibromochloromethane
Concen: 0.234 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047426.D
Acq: 09 Mar 2022 23:51



Tgt Ion:129 Resp: 2570
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#

