

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055942.D
 Acq On : 28 Oct 2023 00:04
 Operator : MD/SY
 Sample : 05113-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 02:00:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

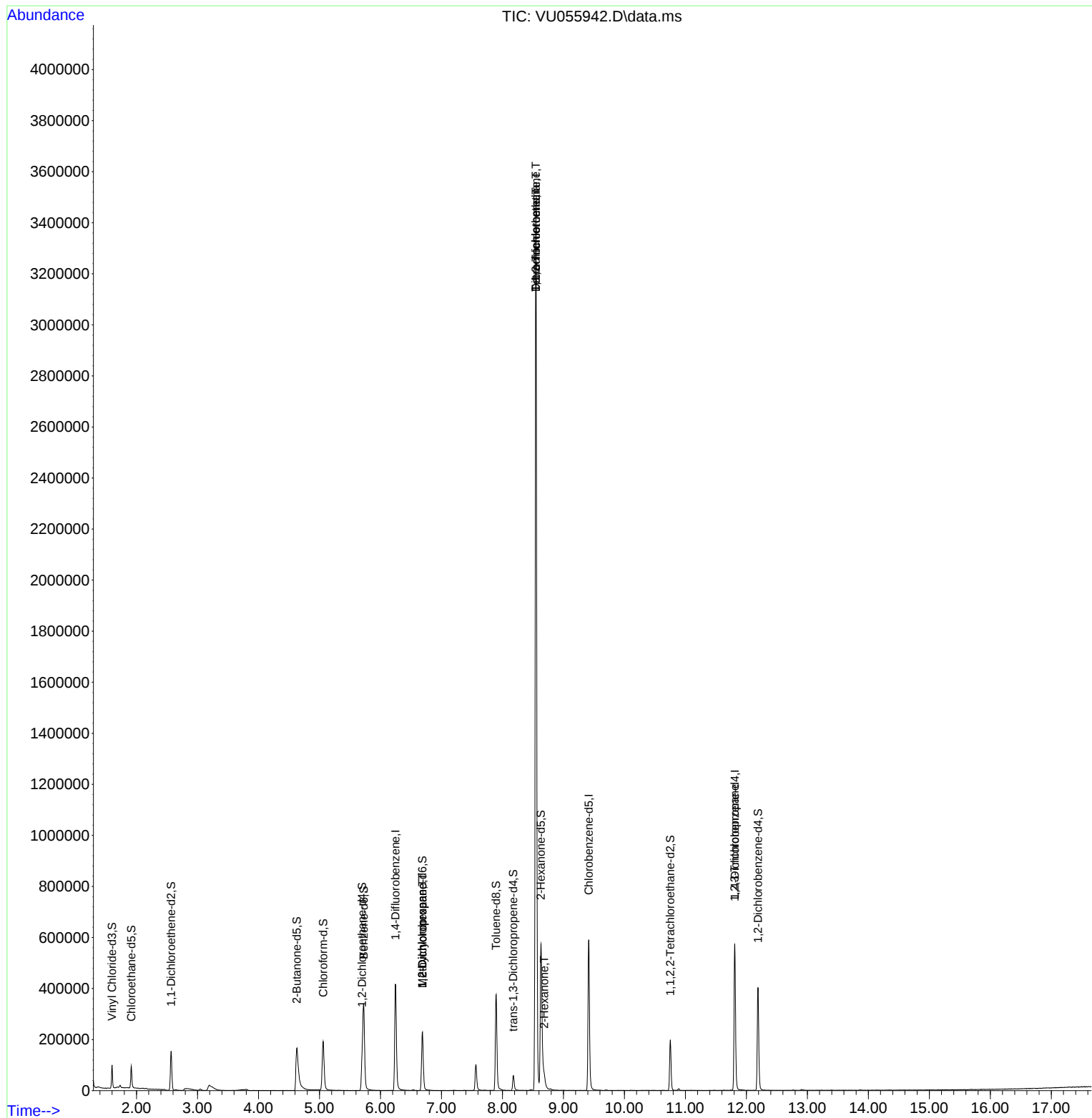
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	358316	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	352841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	163167	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	64735	2.284	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.600%
7) Chloroethane-d5	1.914	69	66667	3.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.400%#
11) 1,1-Dichloroethene-d2	2.567	65	29390	2.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.800%#
20) 2-Butanone-d5	4.628	46	271078	53.608	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.220%
24) Chloroform-d	5.062	84	185420	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
26) 1,2-Dichloroethane-d4	5.698	65	92197	3.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
32) Benzene-d6	5.724	84	332329	3.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.200%#
36) 1,2-Dichloropropane-d6	6.689	67	117335	3.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.898	98	270057	2.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.600%#
43) trans-1,3-Dichloroprop...	8.177	79	37743	3.097	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.000%
46) 2-Hexanone-d5	8.631	63	210335	67.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.000%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101995	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	115403	3.791	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.800%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.689	83	27439	0.933	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	12241	0.592	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	6586	0.453	ug/L #	1
47) Tetrachloroethene	8.550	164	785735	51.511	ug/L	97
48) 2-Hexanone	8.685	43	23521	3.002	ug/L #	77
49) Dibromochloromethane	8.550	129	779469	48.844	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	19066	1.702	ug/L #	66

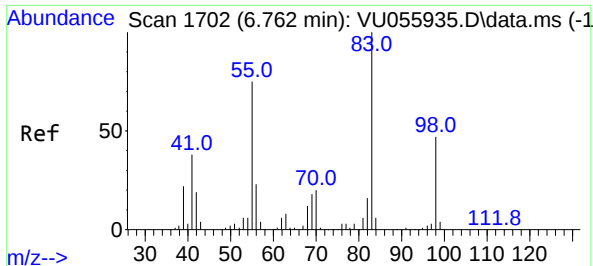
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 25 05:19:13 2023
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#35

Methylcyclohexane

Concen: 0.933 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055942.D

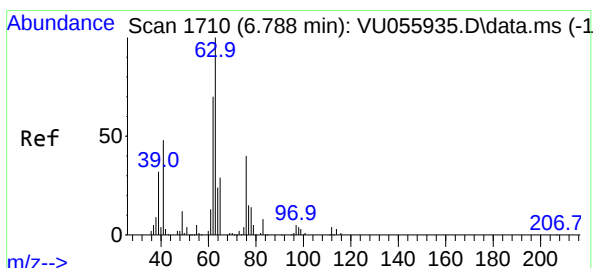
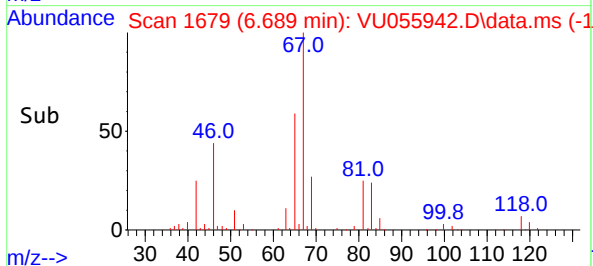
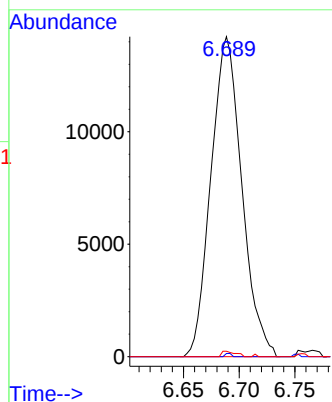
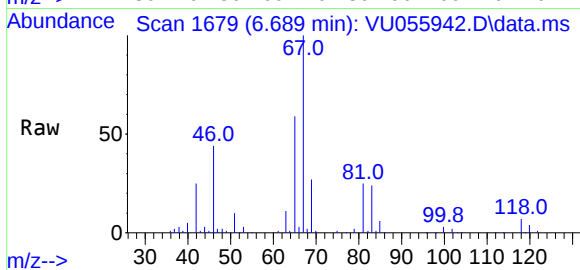
Acq: 28 Oct 2023 00:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	27439
Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.4	93.6#
98	0.8	37.4	56.2#



#37

1,2-Dichloropropane

Concen: 0.592 ug/L

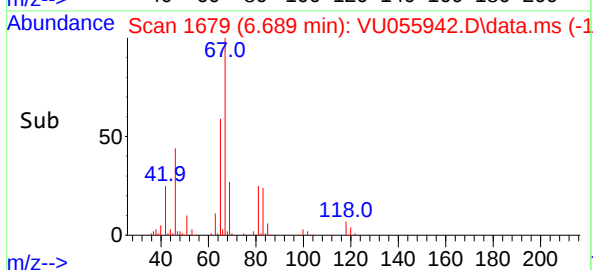
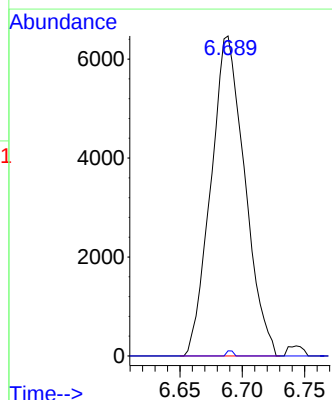
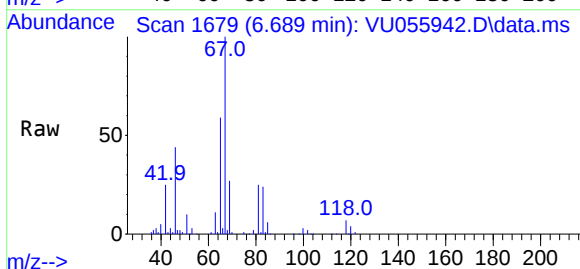
RT: 6.689 min Scan# 1679

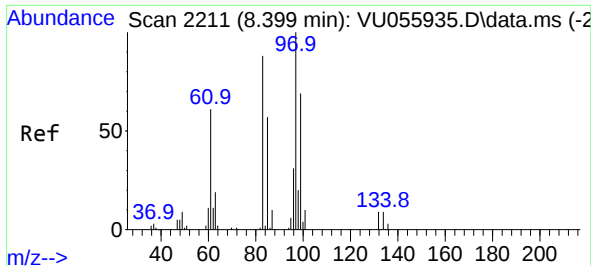
Delta R.T. -0.097 min

Lab File: VU055942.D

Acq: 28 Oct 2023 00:04

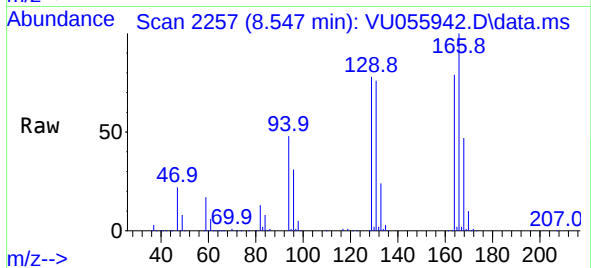
Tgt Ion:	63	Resp:	12241
Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.1	4.7#





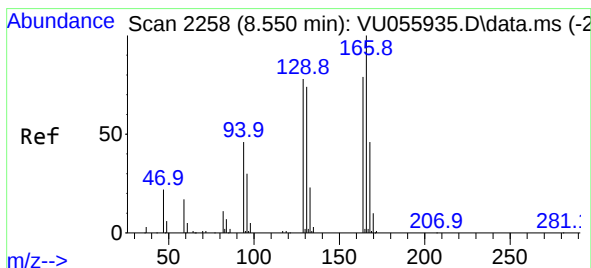
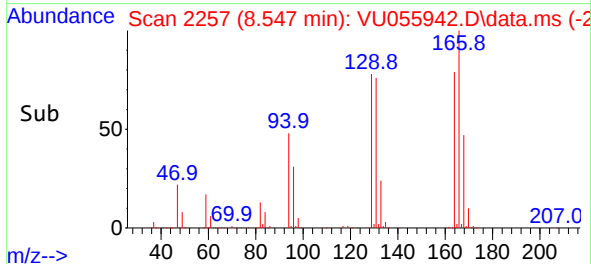
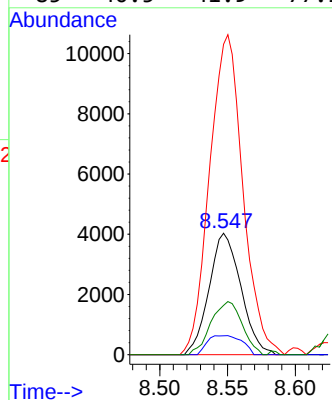
#45
1,1,2-Trichloroethane
Concen: 0.453 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.151 min
Lab File: VU055942.D
Acq: 28 Oct 2023 00:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 6586

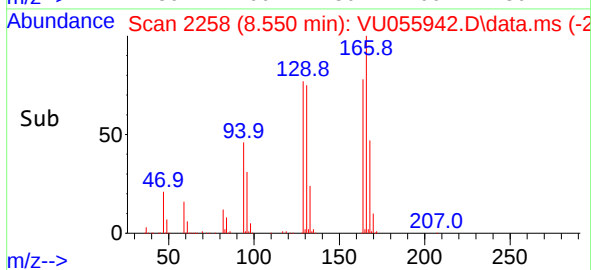
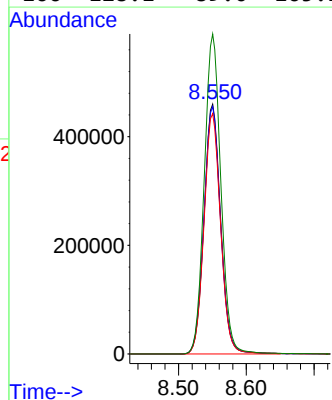
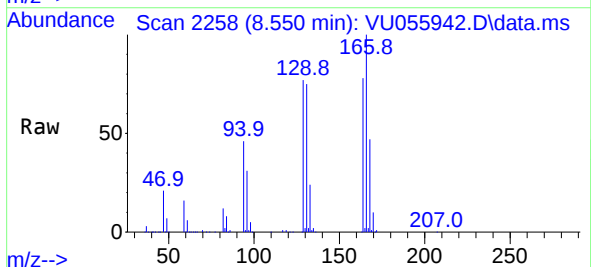
Ion	Ratio	Lower	Upper
97	100		
99	15.6	45.3	84.1#
83	255.5	61.9	115.1#
85	40.5	41.9	77.9#

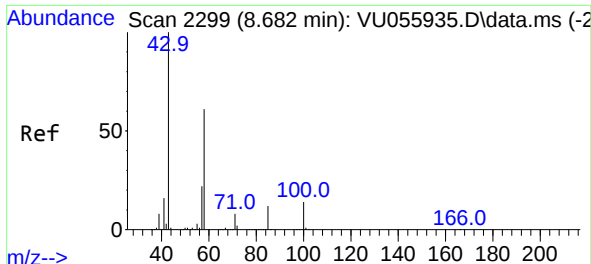


#47
Tetrachloroethene
Concen: 51.511 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055942.D
Acq: 28 Oct 2023 00:04

Tgt Ion:164 Resp: 785735

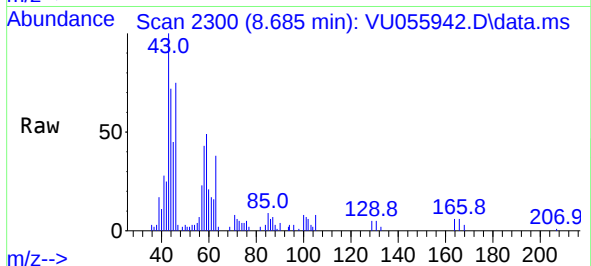
Ion	Ratio	Lower	Upper
164	100		
129	99.1	72.2	134.0
131	96.2	70.8	131.6
166	128.1	89.0	165.2



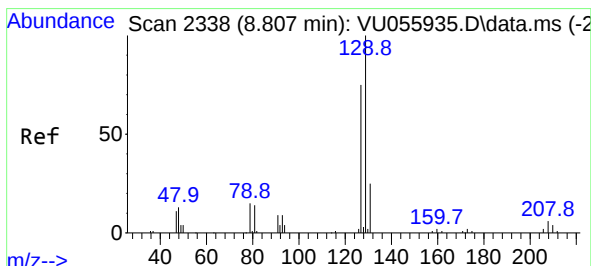
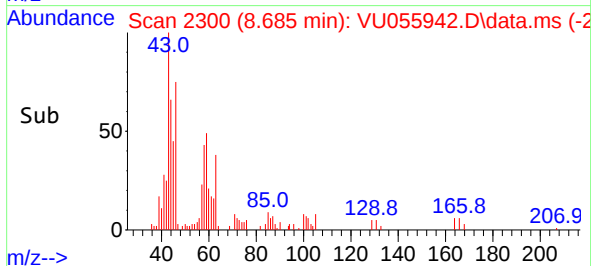
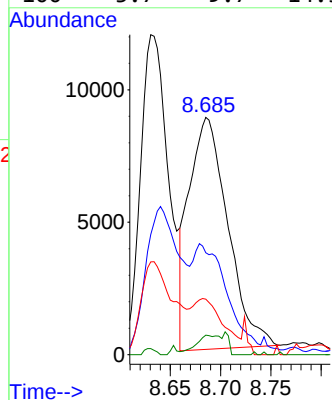


#48
2-Hexanone
Concen: 3.002 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055942.D
Acq: 28 Oct 2023 00:04

Instrument :
MSVOA_U
ClientSampleId :

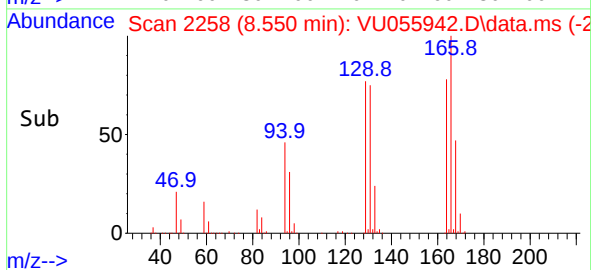
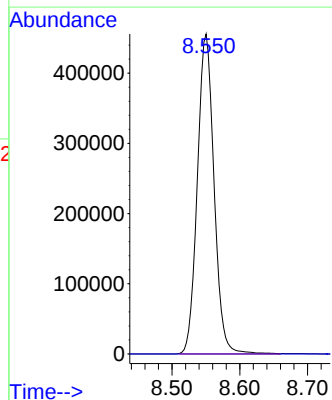
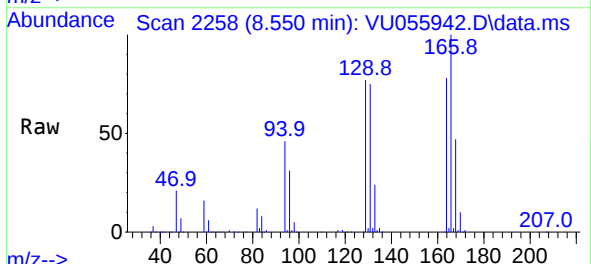


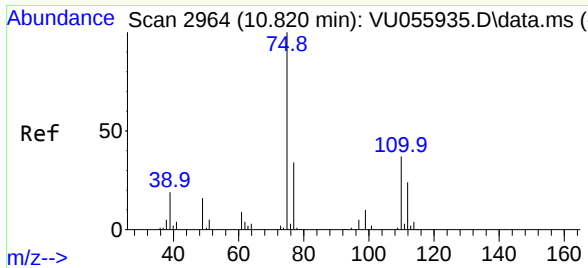
Tgt Ion: 43 Resp: 23521
Ion Ratio Lower Upper
43 100
58 40.1 49.5 74.3#
57 18.3 16.9 25.3
100 3.7 9.7 14.5#



#49
Dibromochloromethane
Concen: 48.844 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055942.D
Acq: 28 Oct 2023 00:04

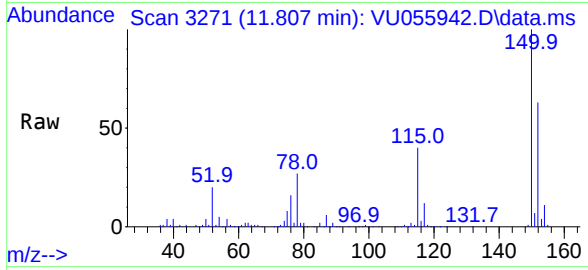
Tgt Ion: 129 Resp: 779469
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.702 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055942.D
Acq: 28 Oct 2023 00:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 19066
Ion Ratio Lower Upper
75 100
110 1.8 29.0 43.6#
77 33.7 24.5 36.7

