

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
 Data File : VU053976.D
 Acq On : 28 Apr 2023 17:57
 Operator : JC/MD
 Sample : 02526-09ME
 Misc : 5.72g/5.0mL/100uL//5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:32:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 14 01:54:10 2023
 Response via : Initial Calibration

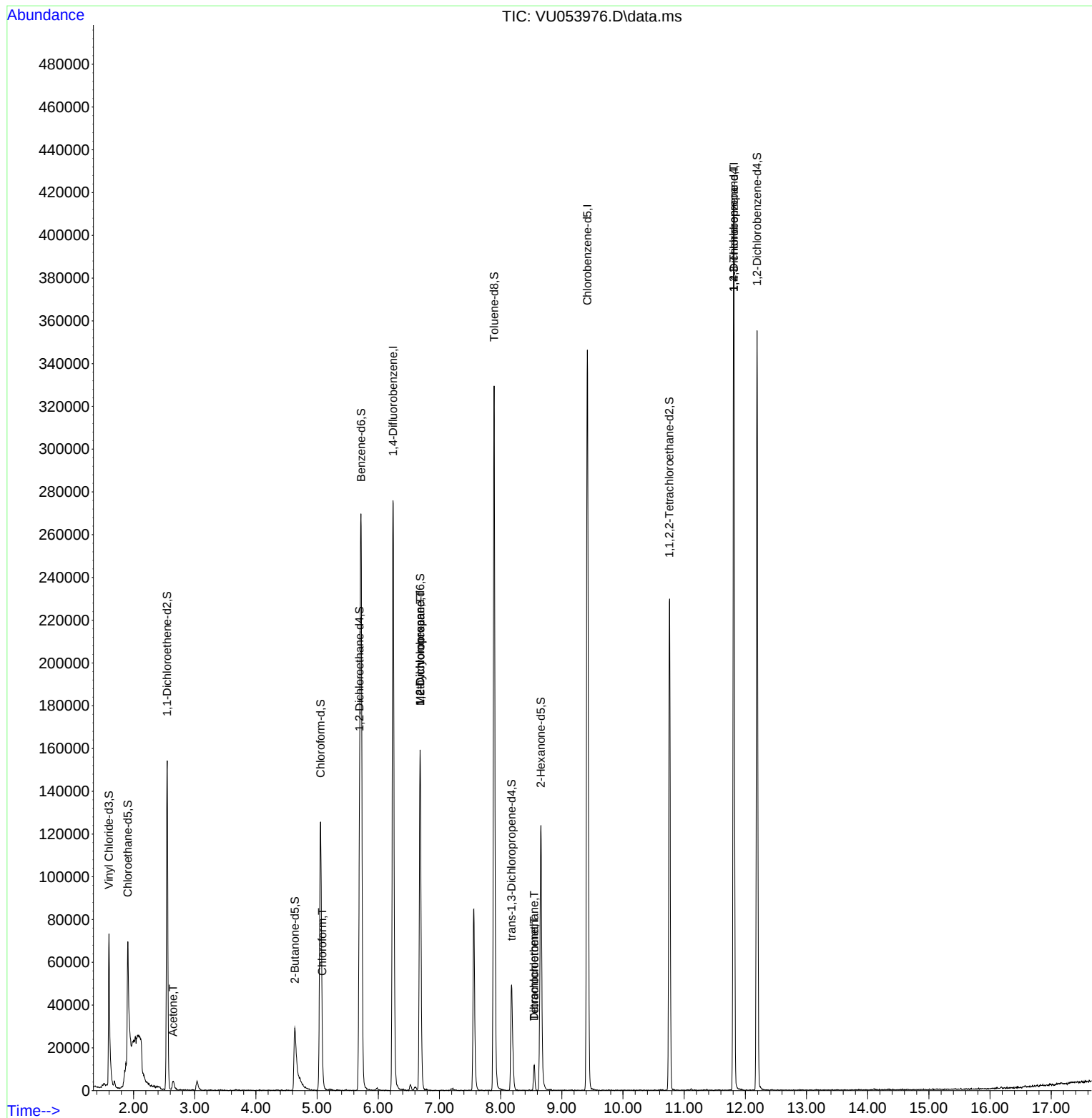
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	249511	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	240954	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	115760	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	67032	34.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.000%
7) Chloroethane-d5	1.906	69	53209	35.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.040%
11) 1,1-Dichloroethene-d2	2.549	63	83697	27.830	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.660%#
21) 2-Butanone-d5	4.636	46	54888	62.399	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.400%
24) Chloroform-d	5.057	84	119625	37.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.460%
26) 1,2-Dichloroethane-d4	5.694	65	76264	40.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.340%
32) Benzene-d6	5.720	84	261567	40.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.440%
36) 1,2-Dichloropropane-d6	6.684	67	80199	40.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.680%
41) Toluene-d8	7.893	98	241312	37.329	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.660%#
43) trans-1,3-Dichloroprop...	8.179	79	38838	37.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.700%
47) 2-Hexanone-d5	8.655	63	53266	78.509	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.510%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	113817	40.621	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.240%
66) 1,2-Dichlorobenzene-d4	12.192	152	95759	39.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.260%#
Target Compounds						
13) Acetone	2.646	43	6901	8.730	ug/L	61
25) Chloroform	5.083	83	6486	2.219	ug/L	95
35) Methylcyclohexane	6.684	83	19082	6.837	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	8436	5.292	ug/L #	86
46) Tetrachloroethene	8.549	164	2900	1.841	ug/L	80
49) Dibromochloromethane	8.549	129	2706	1.487	ug/L #	11
60) 1,2,3-Trichloropropane	11.809	75	12854	7.658	ug/L #	64

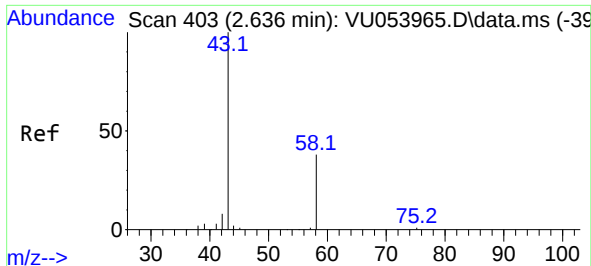
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 14 01:54:10 2023
Response via : Initial Calibration





#13

Acetone

Concen: 8.730 ug/L

RT: 2.646 min Scan# 403

Delta R.T. 0.029 min

Lab File: VU053976.D

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Instrument :

MSVOA_U

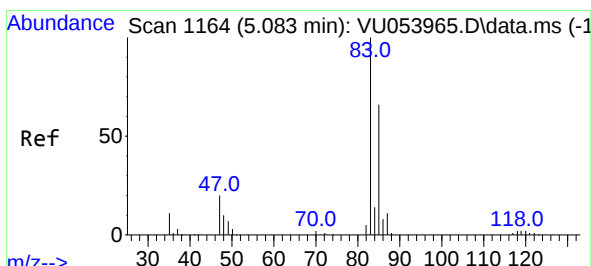
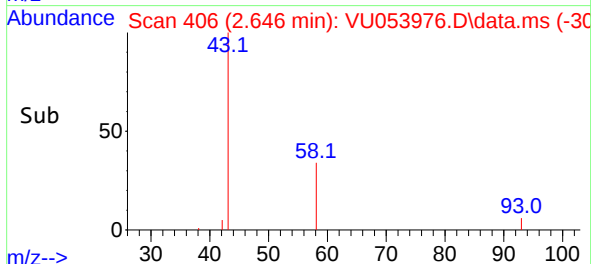
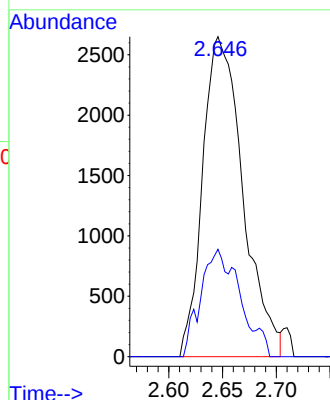
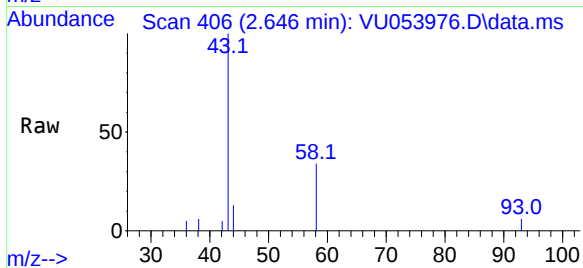
ClientSampleId :

Tgt Ion: 43 Resp: 6901

Ion Ratio Lower Upper

43 100

58 12.3 0.0 70.2



#25

Chloroform

Concen: 2.219 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053976.D

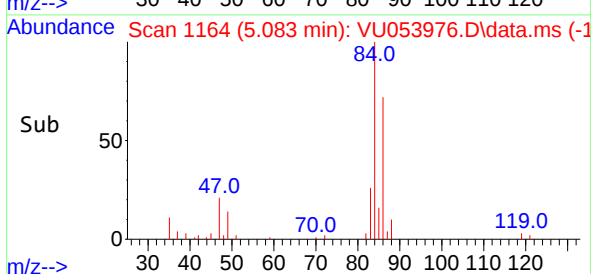
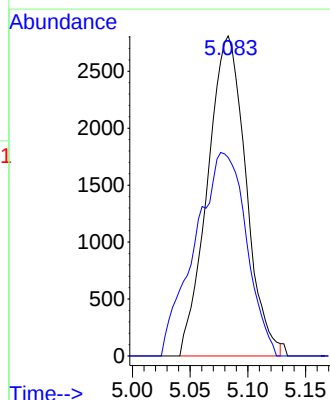
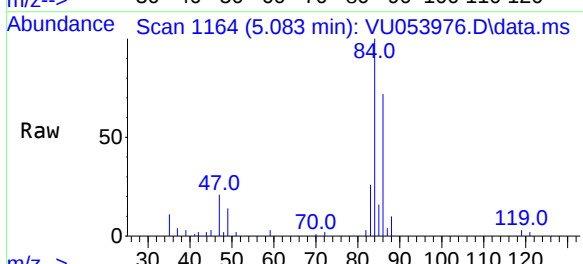
Acq: 28 Apr 2023 17:57

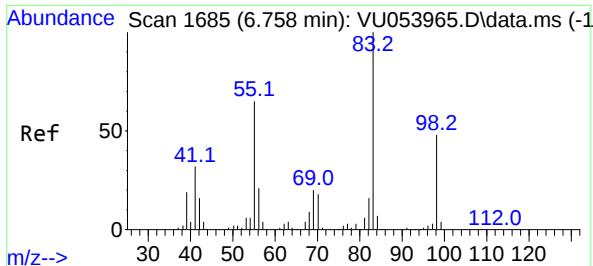
Tgt Ion: 83 Resp: 6486

Ion Ratio Lower Upper

83 100

85 62.0 46.1 85.5





#35

Methylcyclohexane

Concen: 6.837 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053976.D

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MSVOA_U

ClientSampleId :

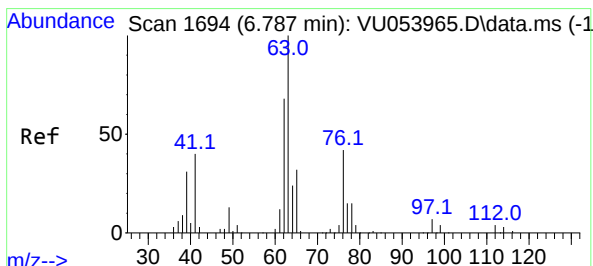
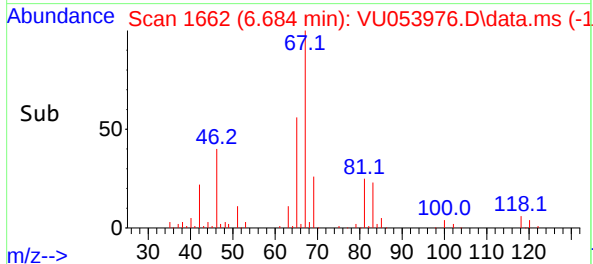
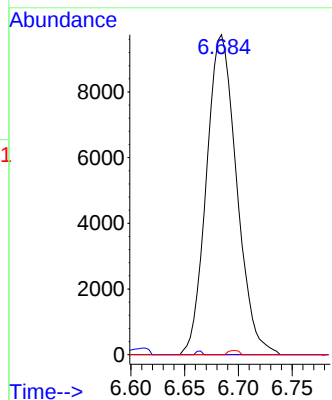
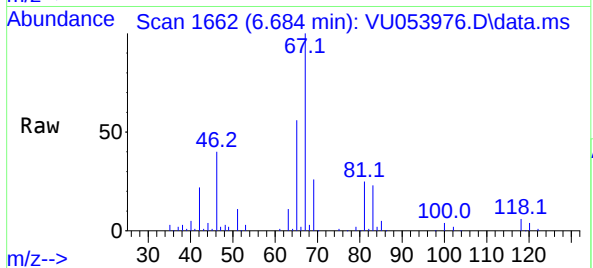
Tgt Ion: 83 Resp: 19082

Ion Ratio Lower Upper

83 100

55 0.2 53.0 79.6#

98 0.5 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 5.292 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053976.D

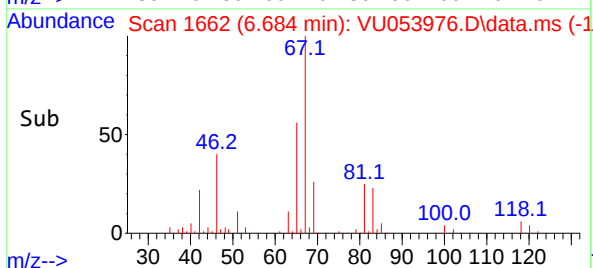
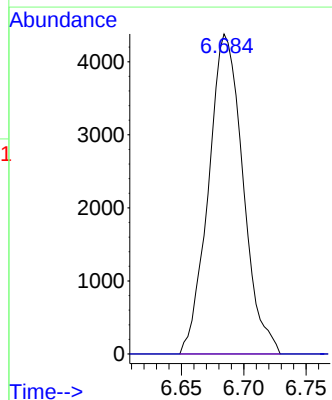
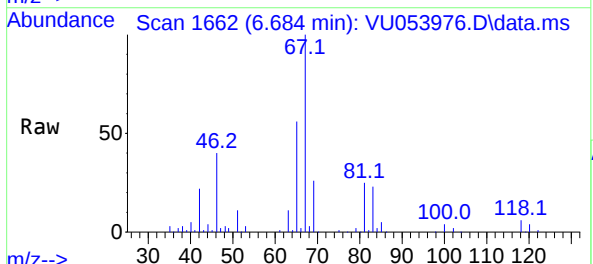
Acq: 28 Apr 2023 17:57

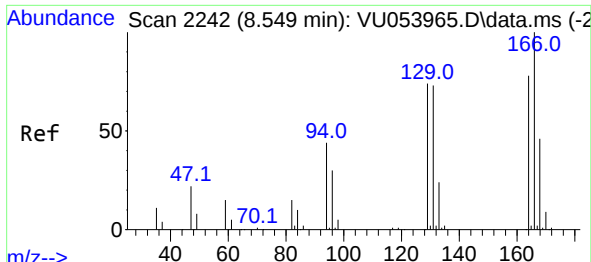
Tgt Ion: 63 Resp: 8436

Ion Ratio Lower Upper

63 100

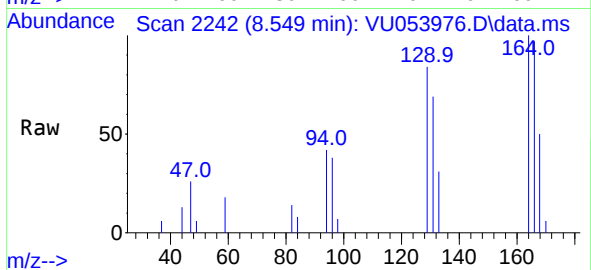
112 0.0 3.8 5.6#



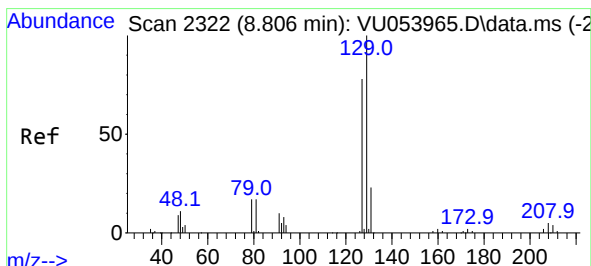
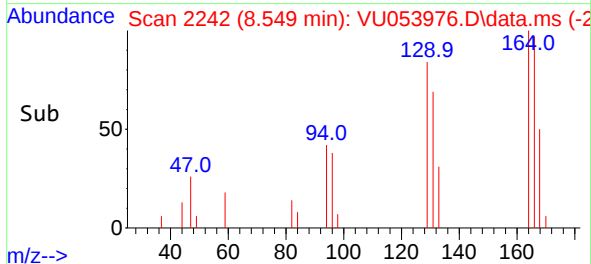
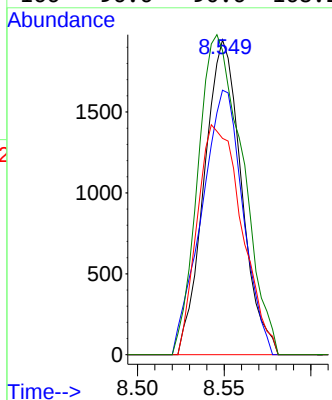


#46
Tetrachloroethene
Concen: 1.841 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053976.D
Acq: 28 Apr 2023 17:57

Instrument :
MSVOA_U
ClientSampleId :

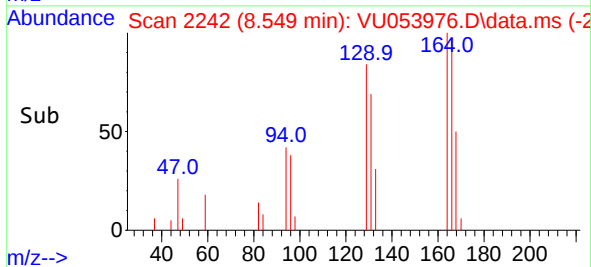
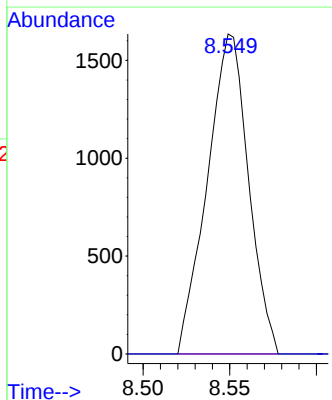
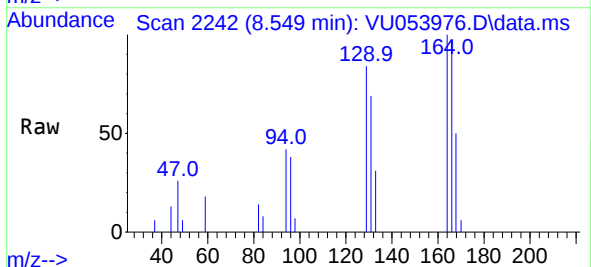


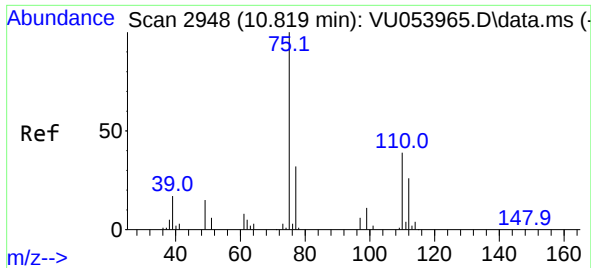
Tgt Ion:164 Resp: 2900
Ion Ratio Lower Upper
164 100
129 84.0 64.0 119.0
131 68.7 61.9 115.1
166 96.6 90.6 168.2



#49
Dibromochloromethane
Concen: 1.487 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053976.D
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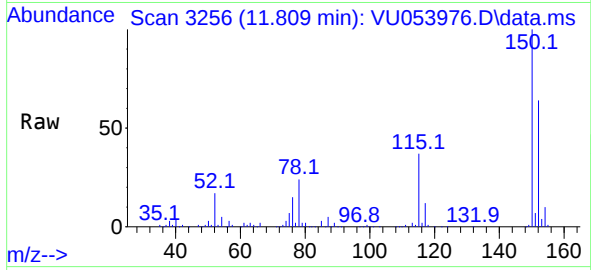
Tgt Ion:129 Resp: 2706
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#60
1,2,3-Trichloropropane
Concen: 7.658 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU053976.D
Acq: 28 Apr 2023 17:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	12854
Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.0	39.0
110	1.8	32.6	48.8#

