

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055982.D
 Acq On : 28 Oct 2023 18:30
 Operator : MD/SY
 Sample : 05114-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:56:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

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

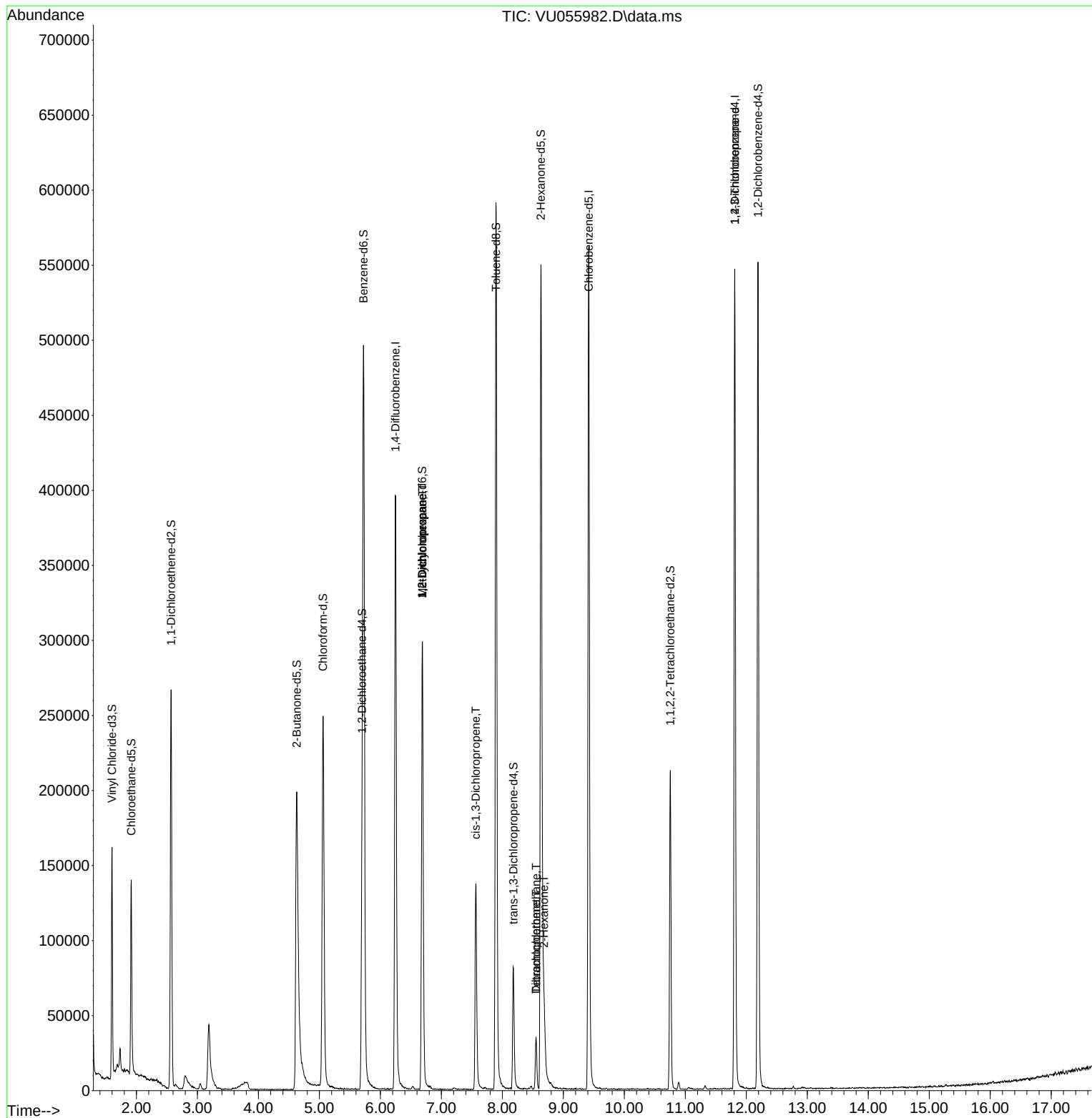
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	340159	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	338268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	159371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	111493	4.143	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.914	69	97629	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.567	65	51022	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.628	46	245956	51.237	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.480%
24) Chloroform-d	5.059	84	243360	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.698	65	115193	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.724	84	497473	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.686	67	151264	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	426391	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.181	79	52011	4.452	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.631	63	196810	66.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.720%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	111782	5.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	155657	5.235	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.689	83	35889	1.273	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	15994	0.807	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3634	0.129	ug/L #	59
47) Tetrachloroethene	8.554	164	8524	0.583	ug/L	88
48) 2-Hexanone	8.682	43	18484	2.460	ug/L #	78
49) Dibromochloromethane	8.554	129	7856	0.513	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	17646	1.613	ug/L #	67

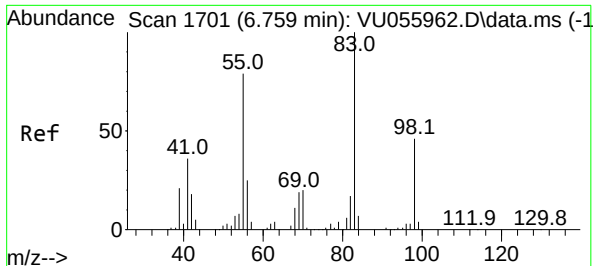
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 30 04:51:15 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 1.273 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055982.D

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Instrument :

MSVOA_U

ClientSampleId :

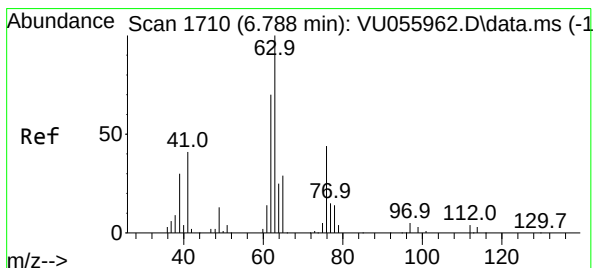
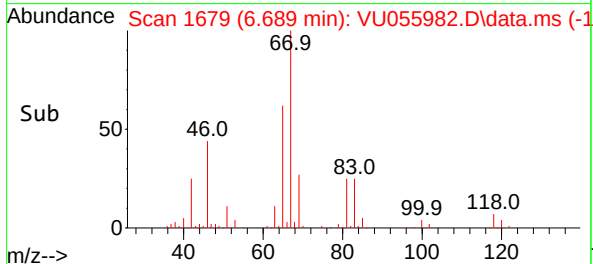
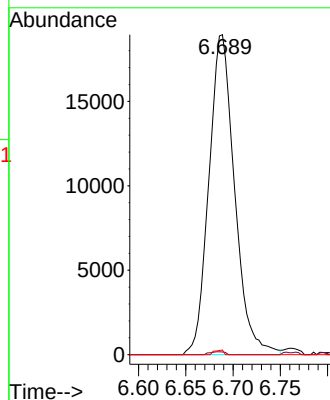
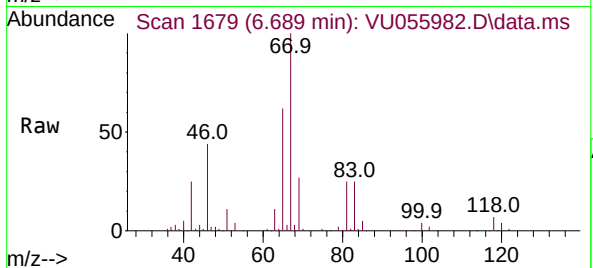
Tgt Ion: 83 Resp: 35889

Ion Ratio Lower Upper

83 100

55 0.5 62.4 93.6#

98 0.5 37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.807 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU055982.D

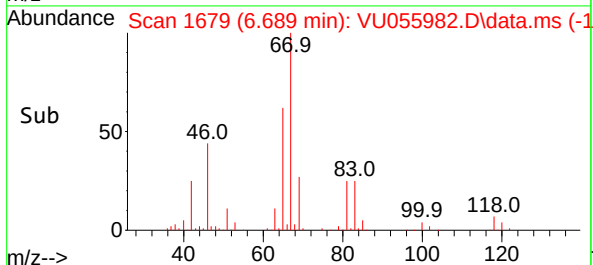
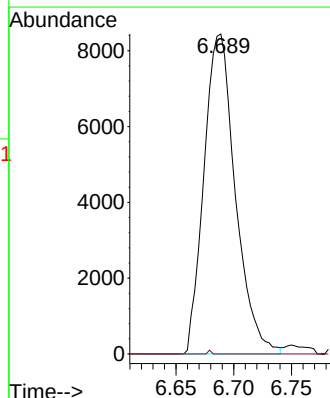
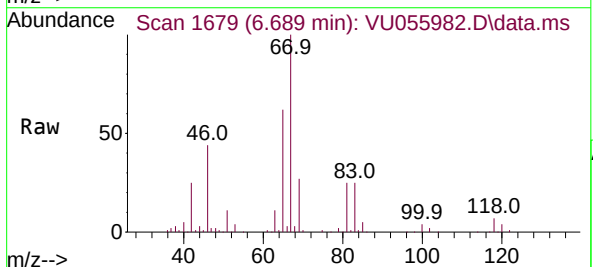
Acq: 28 Oct 2023 18:30

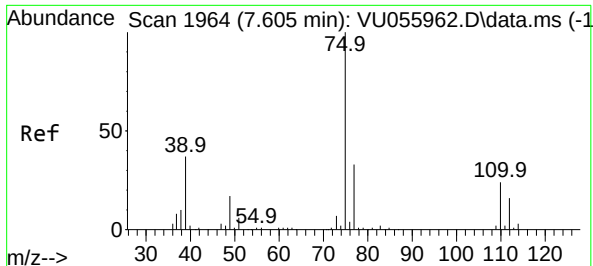
Tgt Ion: 63 Resp: 15994

Ion Ratio Lower Upper

63 100

112 0.1 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055982.D

Acq: 28 Oct 2023 18:30

Instrument :

MSVOA_U

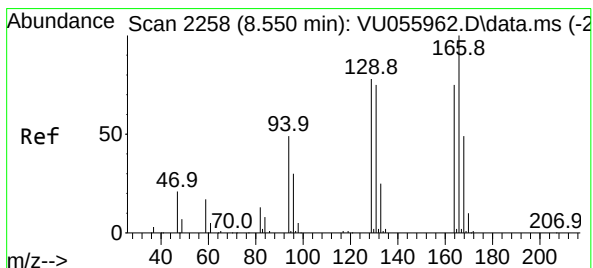
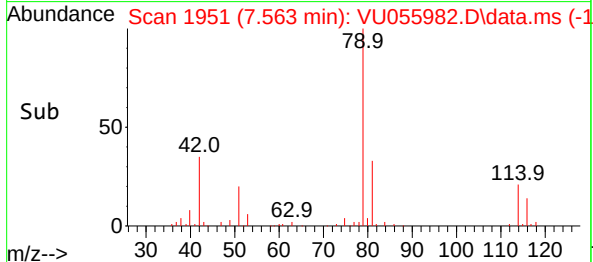
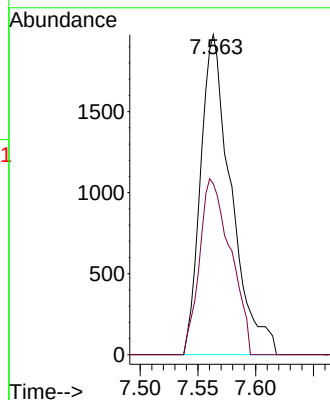
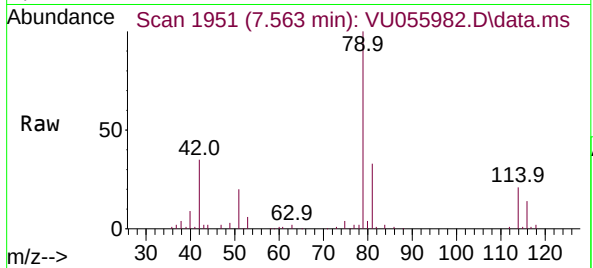
ClientSampleId :

Tgt Ion: 75 Resp: 3634

Ion Ratio Lower Upper

75 100

77 53.4 21.7 40.3#



#47

Tetrachloroethene

Concen: 0.583 ug/L

RT: 8.554 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU055982.D

Acq: 28 Oct 2023 18:30

Tgt Ion: 164 Resp: 8524

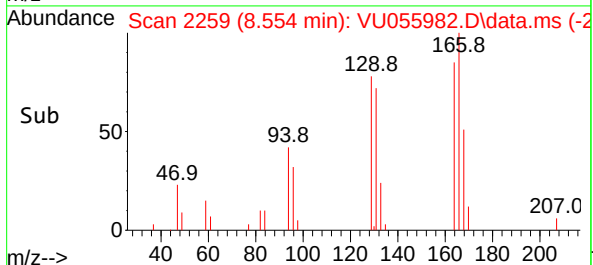
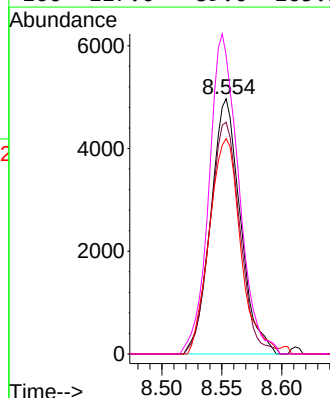
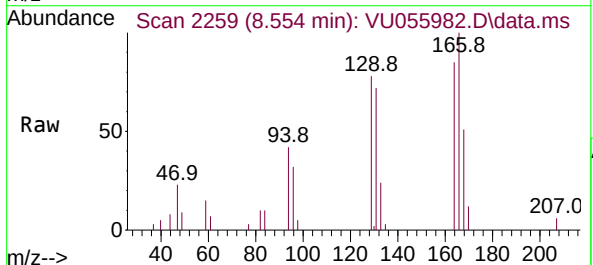
Ion Ratio Lower Upper

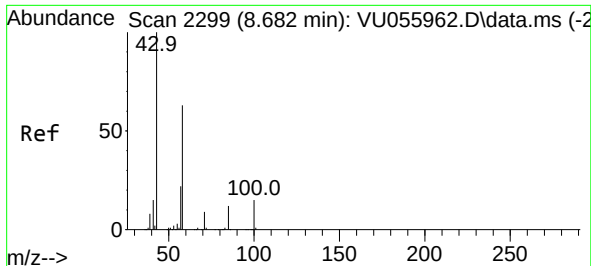
164 100

129 90.7 72.2 134.0

131 84.3 70.8 131.6

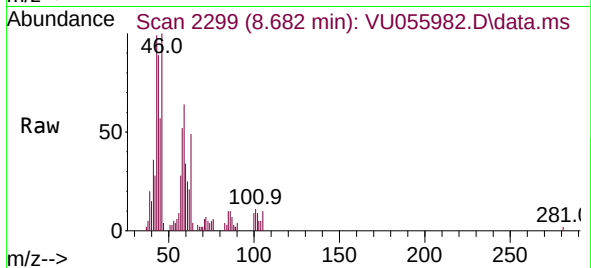
166 117.0 89.0 165.2



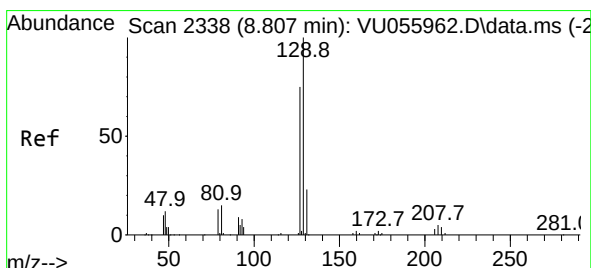
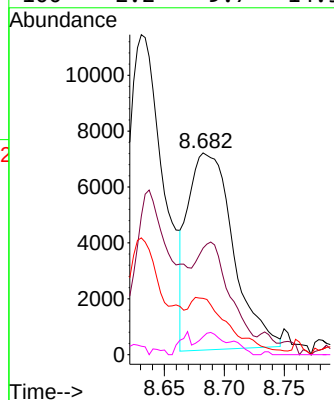
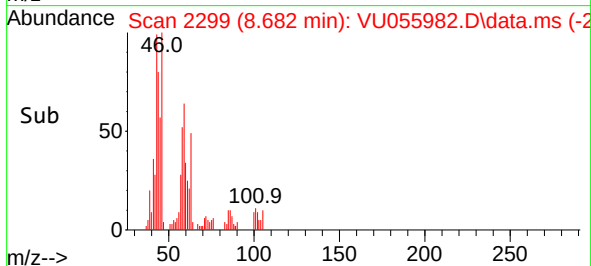


#48
2-Hexanone
Concen: 2.460 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055982.D
Acq: 28 Oct 2023 18:30

Instrument :
MSVOA_U
ClientSampleId :

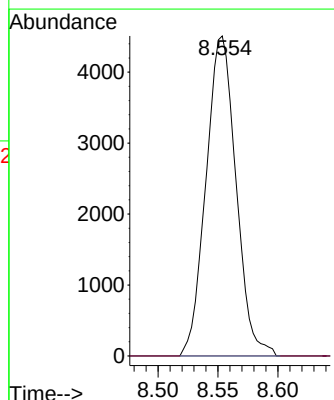
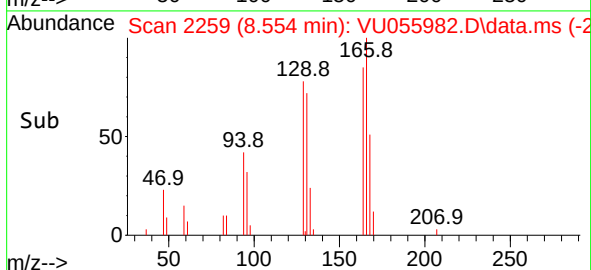
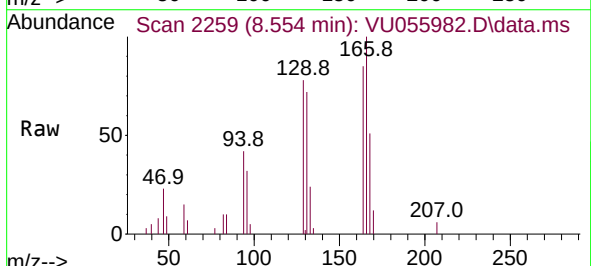


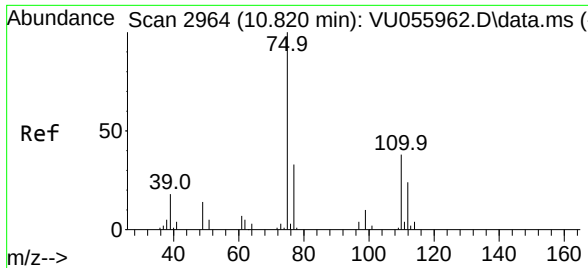
Tgt Ion: 43 Resp: 18484
Ion Ratio Lower Upper
43 100
58 43.4 49.5 74.3#
57 26.7 16.9 25.3#
100 2.2 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.513 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055982.D
Acq: 28 Oct 2023 18:30

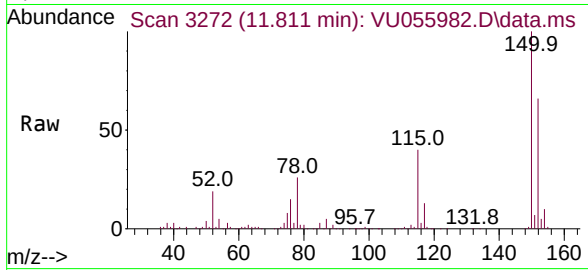
Tgt Ion: 129 Resp: 7856
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.613 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055982.D
Acq: 28 Oct 2023 18:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	17646
Ion	Ratio	Lower	Upper
75	100		
110	2.9	29.0	43.6#
77	33.6	24.5	36.7

