

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056889.D
 Acq On : 15 Dec 2023 19:13
 Operator : MD/SY
 Sample : 05864-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 22:27:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

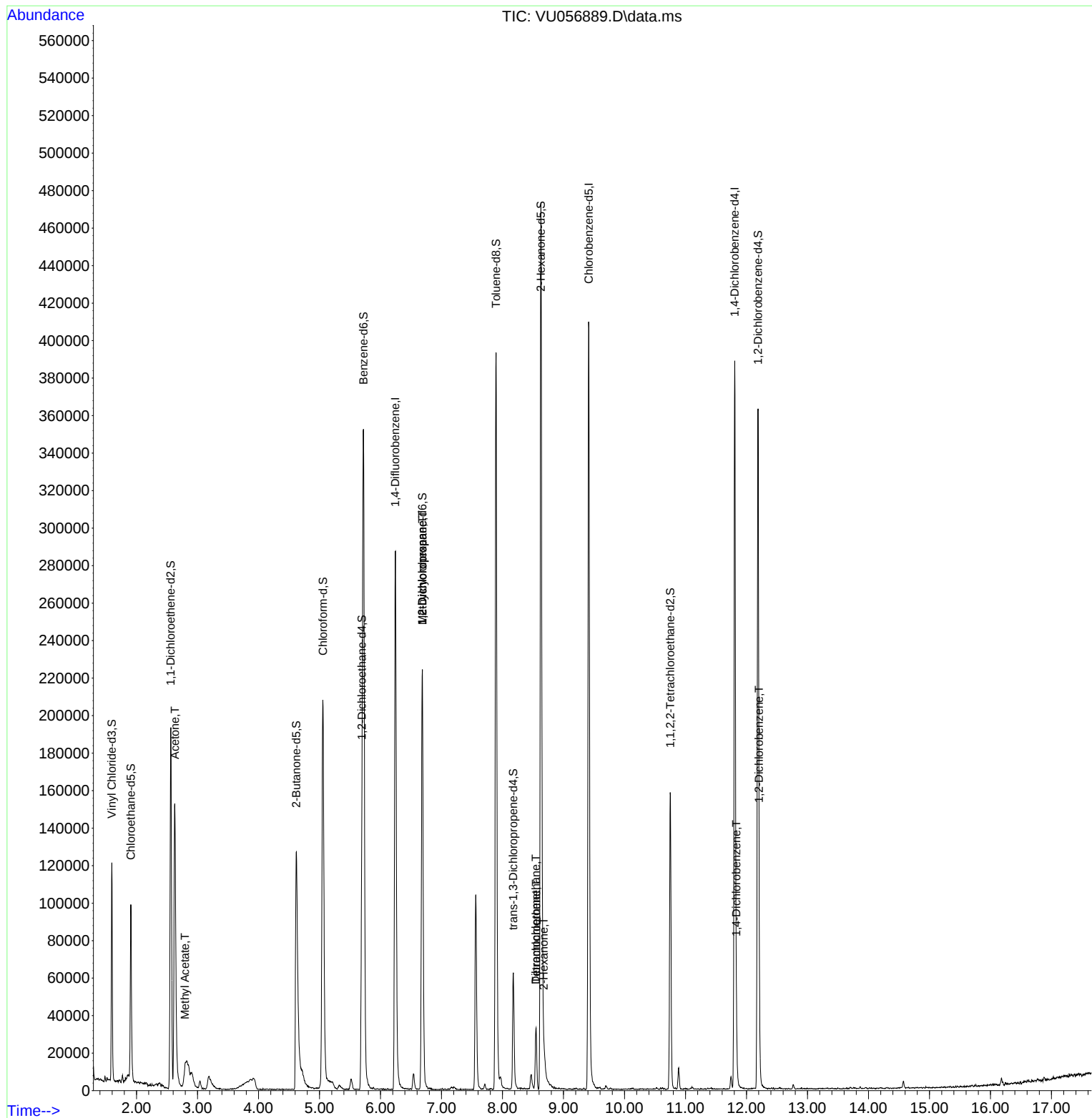
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	235784	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	236196	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	82930	4.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.907	69	68771	4.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.560	65	37468	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	205933	51.595	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.200%
24) Chloroform-d	5.055	84	183352	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	90328	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	343009	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.685	67	110310	4.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.894	98	270692	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.174	79	38101	4.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.627	63	160796	47.943	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	81427	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	96942	4.882	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
13) Acetone	2.628	43	200600	82.471	ug/L	99
15) Methyl Acetate	2.795	43	2698	0.407	ug/L #	49
35) Methylcyclohexane	6.685	83	26262	0.782	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12479	0.588	ug/L #	88
47) Tetrachloroethene	8.550	164	7322	0.459	ug/L	96
48) 2-Hexanone	8.676	43	6287	0.875	ug/L #	61
49) Dibromochloromethane	8.547	129	7152	0.433	ug/L #	11
65) 1,4-Dichlorobenzene	11.833	146	9659	0.260	ug/L	90
67) 1,2-Dichlorobenzene	12.206	146	8674	0.252	ug/L	98

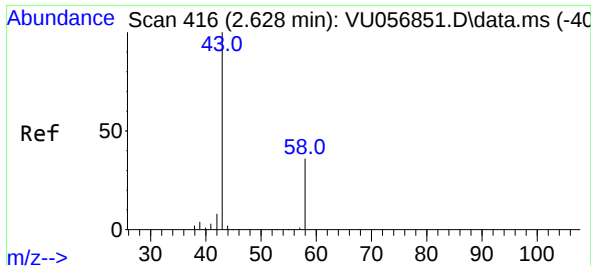
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 82.471 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU056889.D

Acq: 15 Dec 2023 19:13

Instrument :

MSVOA_U

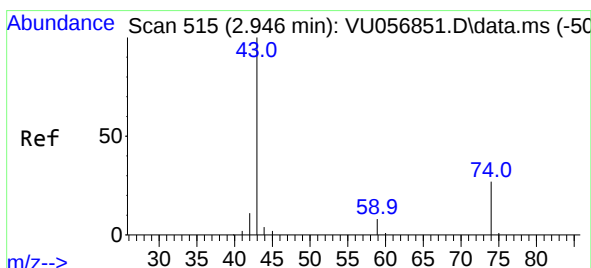
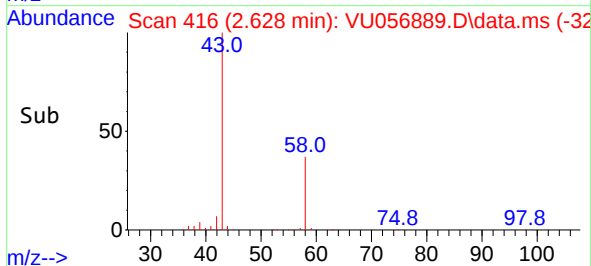
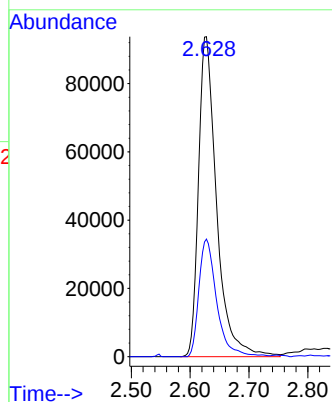
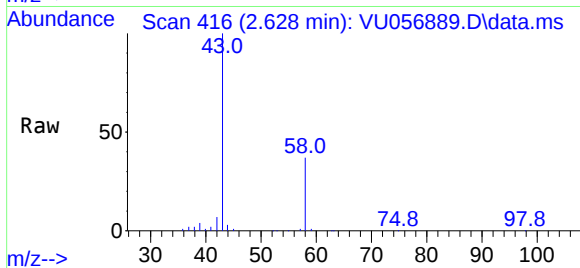
ClientSampleId :

Tgt Ion: 43 Resp: 200600

Ion Ratio Lower Upper

43 100

58 35.9 0.0 72.6



#15

Methyl Acetate

Concen: 0.407 ug/L

RT: 2.795 min Scan# 468

Delta R.T. -0.151 min

Lab File: VU056889.D

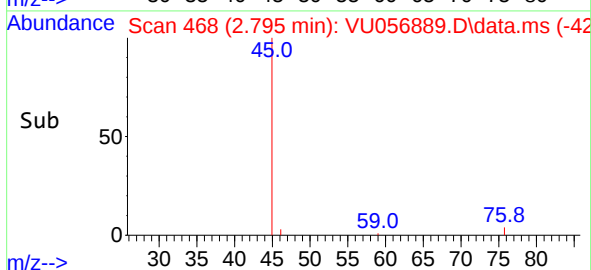
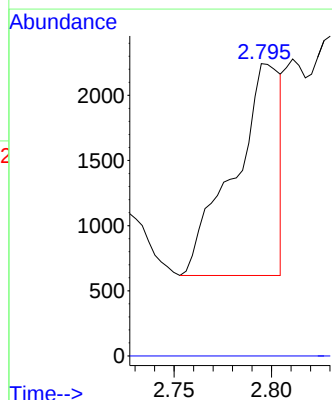
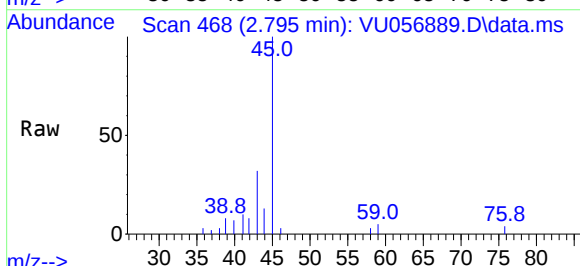
Acq: 15 Dec 2023 19:13

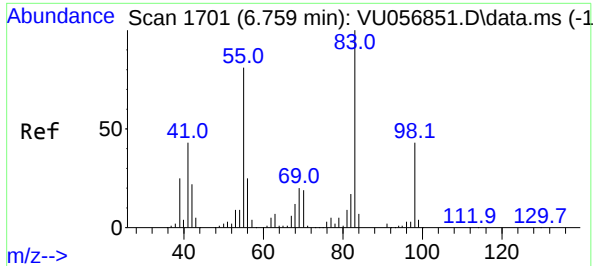
Tgt Ion: 43 Resp: 2698

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#

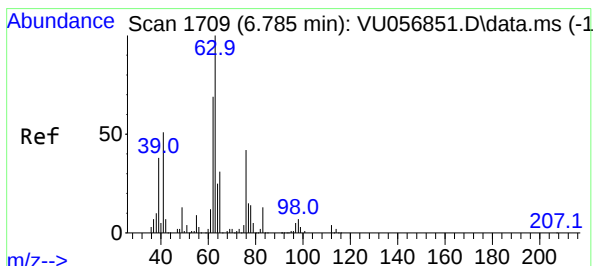
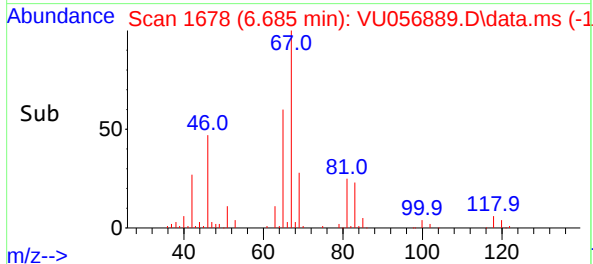
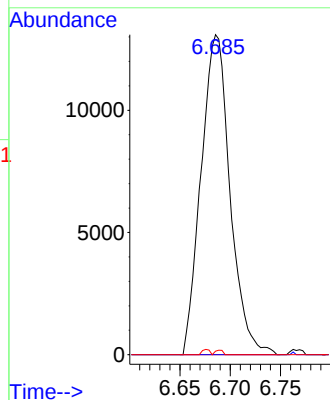
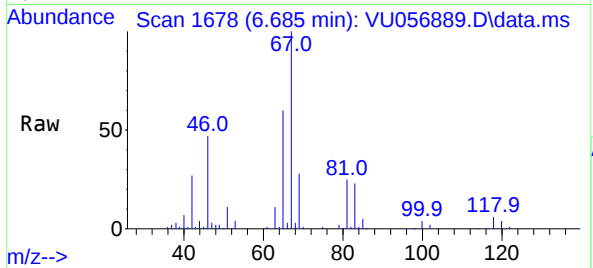




#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056889.D
Acq: 15 Dec 2023 19:13

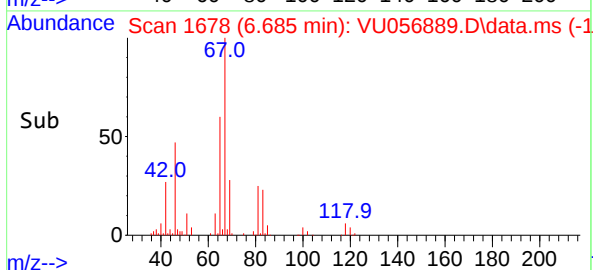
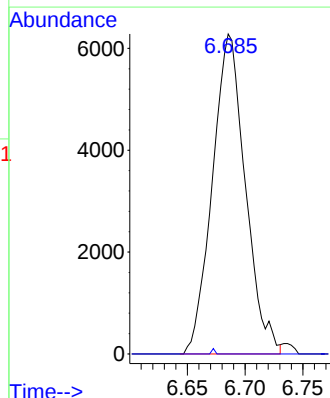
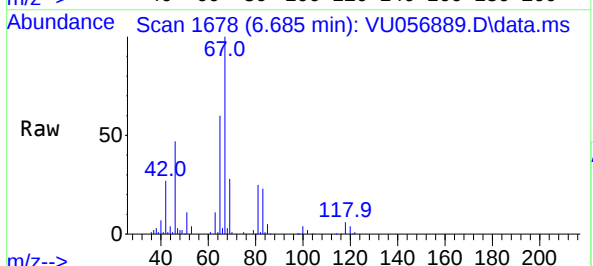
Instrument :
MSVOA_U
ClientSampleId :

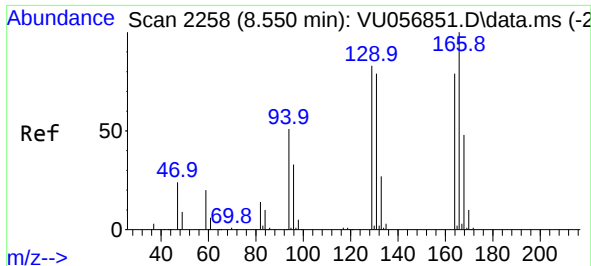
Tgt Ion:	83	Resp:	26262
Ion	Ratio	Lower	Upper
83	100		
55	0.1	64.6	97.0#
98	0.4	36.1	54.1#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056889.D
Acq: 15 Dec 2023 19:13

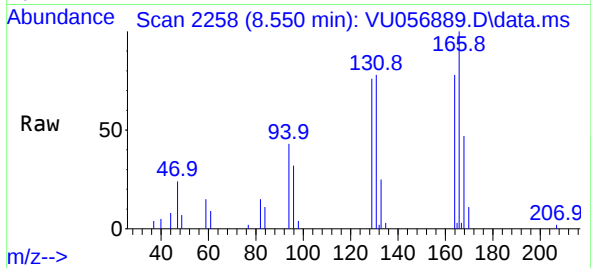
Tgt Ion:	63	Resp:	12479
Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#



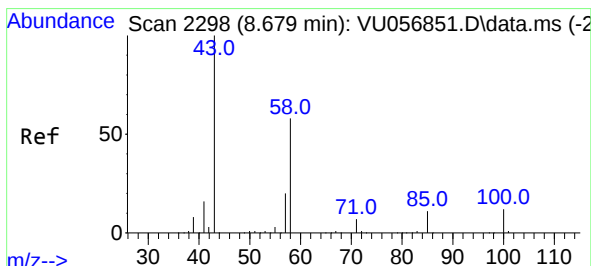
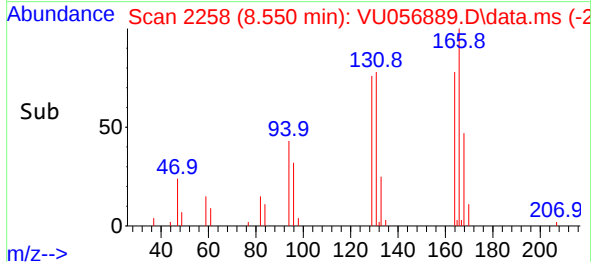
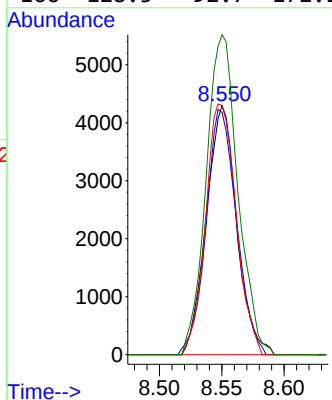


#47
Tetrachloroethene
Concen: 0.459 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056889.D
Acq: 15 Dec 2023 19:13

Instrument :
MSVOA_U
ClientSampleId :

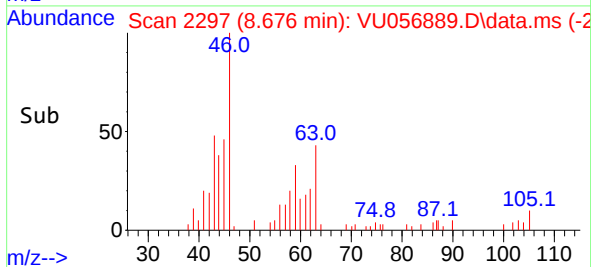
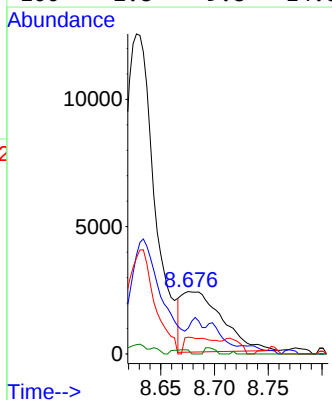
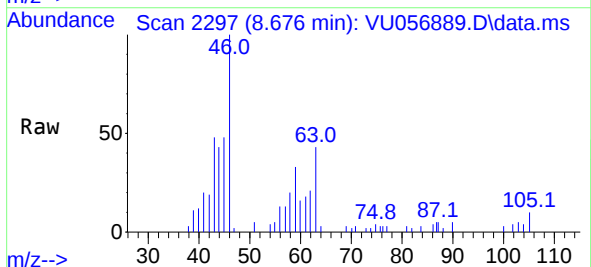


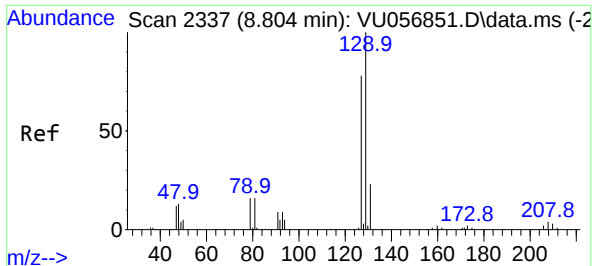
Tgt Ion:164 Resp: 7322
Ion Ratio Lower Upper
164 100
129 97.3 73.4 136.4
131 100.0 71.5 132.9
166 128.5 92.7 172.1



#48
2-Hexanone
Concen: 0.875 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.003 min
Lab File: VU056889.D
Acq: 15 Dec 2023 19:13

Tgt Ion: 43 Resp: 6287
Ion Ratio Lower Upper
43 100
58 17.9 47.5 71.3#
57 19.9 17.0 25.4
100 2.8 9.8 14.8#





#49

Dibromochloromethane

Concen: 0.433 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056889.D

Acq: 15 Dec 2023 19:13

Instrument :

MSVOA_U

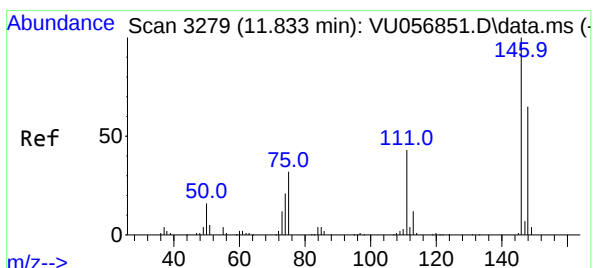
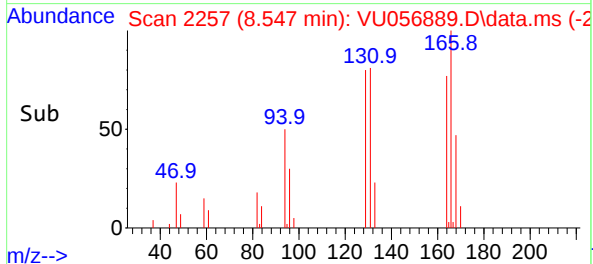
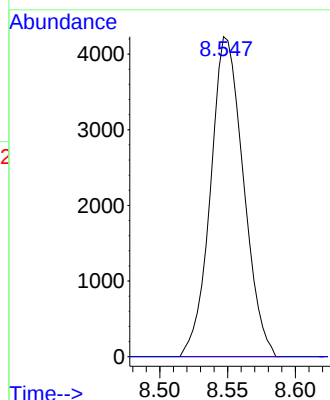
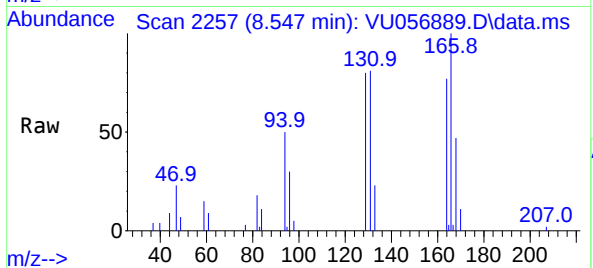
ClientSampleId :

Tgt Ion:129 Resp: 7152

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#65

1,4-Dichlorobenzene

Concen: 0.260 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VU056889.D

Acq: 15 Dec 2023 19:13

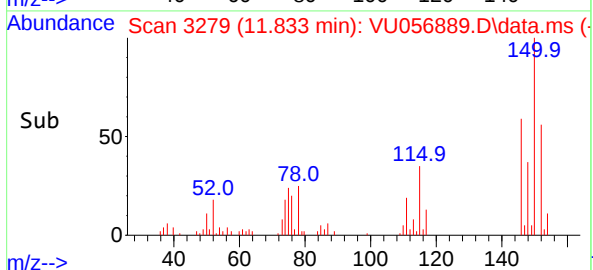
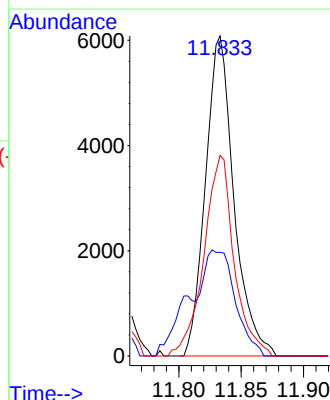
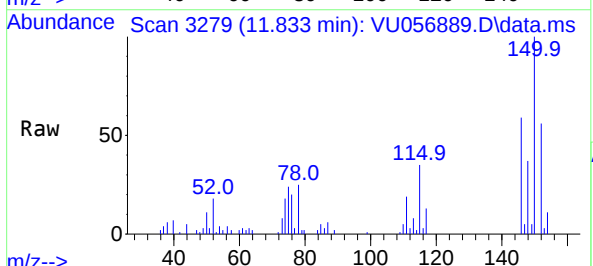
Tgt Ion:146 Resp: 9659

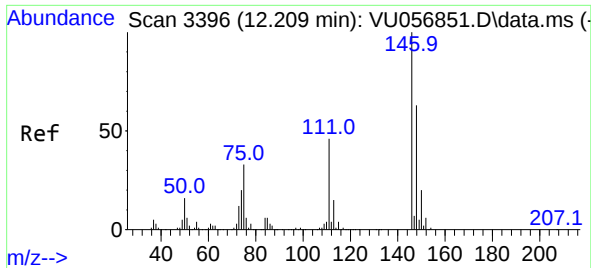
Ion Ratio Lower Upper

146 100

111 32.4 31.2 58.0

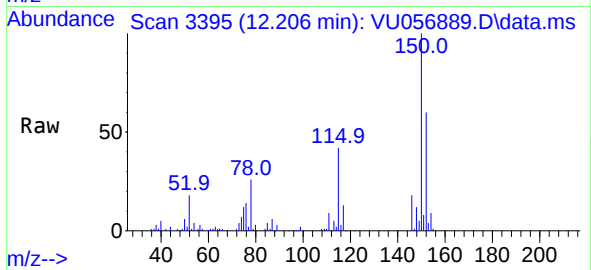
148 62.7 45.6 84.8





#67
1,2-Dichlorobenzene
Concen: 0.252 ug/L
RT: 12.206 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056889.D
Acq: 15 Dec 2023 19:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	146	Resp:	8674
Ion	Ratio	Lower	Upper
146	100		
111	47.9	36.9	55.3
148	65.4	53.0	79.4

