

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056291.D
 Acq On : 14 Nov 2023 08:12
 Operator : MD/SY
 Sample : 05372-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

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

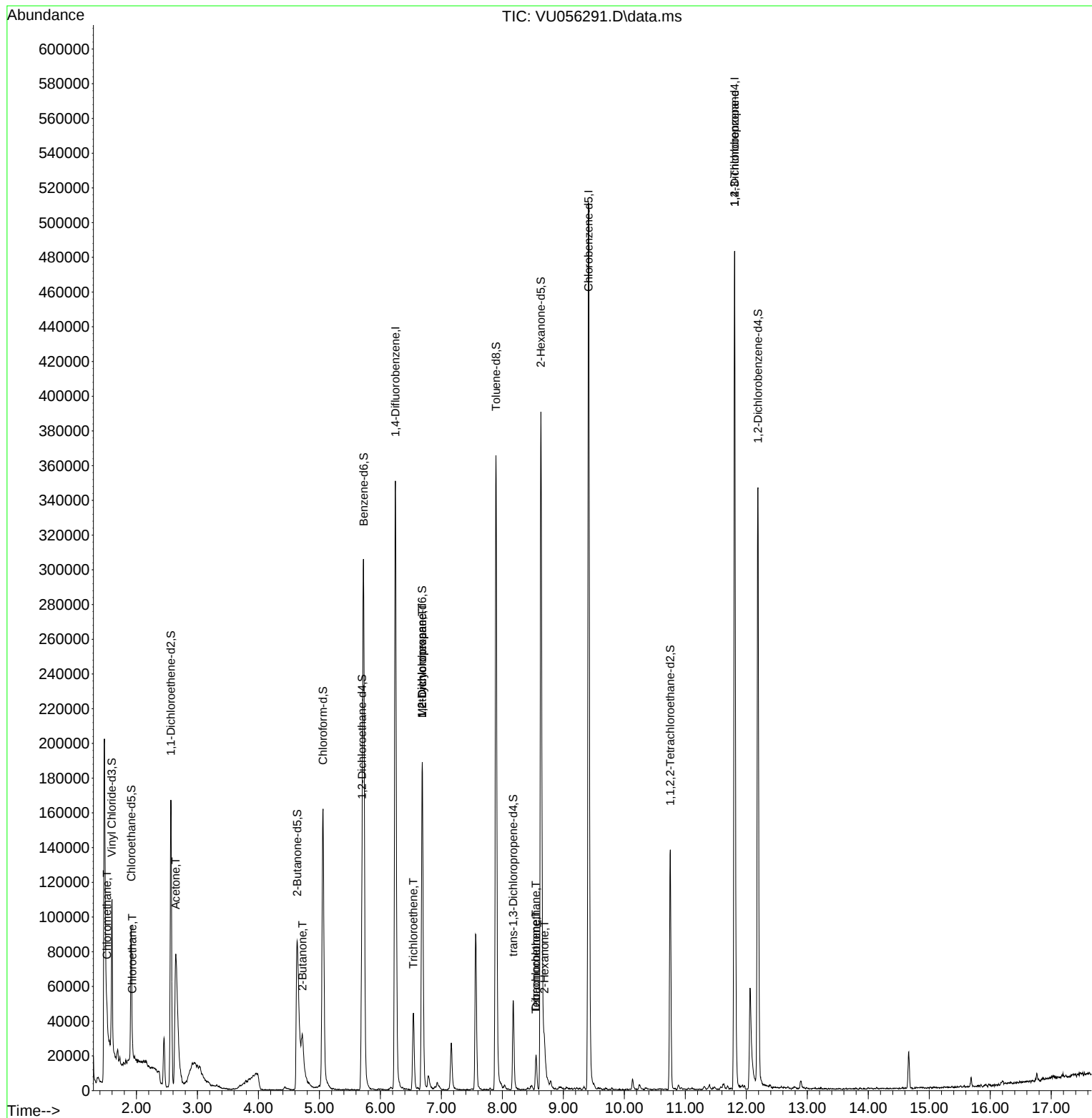
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	291450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	294787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	60451	2.773	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.400%
7) Chloroethane-d5	1.914	69	59818	3.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.563	65	31836	3.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	4.634	46	177495	40.833	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.660%
24) Chloroform-d	5.059	84	153046	3.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.698	65	74000	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
32) Benzene-d6	5.724	84	294026	3.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.000%#
36) 1,2-Dichloropropane-d6	6.685	67	94611	3.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.894	98	251770	3.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	8.177	79	31889	3.141	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.800%
46) 2-Hexanone-d5	8.631	63	142833	35.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69020	3.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	91015	3.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	5478	0.232	ug/L	88
8) Chloroethane	1.933	64	7298	0.525	ug/L #	54
13) Acetone	2.644	43	176606	47.703	ug/L	97
21) 2-Butanone	4.721	43	52041	10.833	ug/L	99
34) Trichloroethene	6.541	95	16395	0.715	ug/L	95
35) Methylcyclohexane	6.685	83	22389	0.677	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9694	0.442	ug/L #	88
47) Tetrachloroethene	8.547	164	3446	0.223	ug/L #	78
48) 2-Hexanone	8.689	43	16733	1.975	ug/L	89
49) Dibromochloromethane	8.550	129	3668	0.221	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	15960	1.434	ug/L #	67

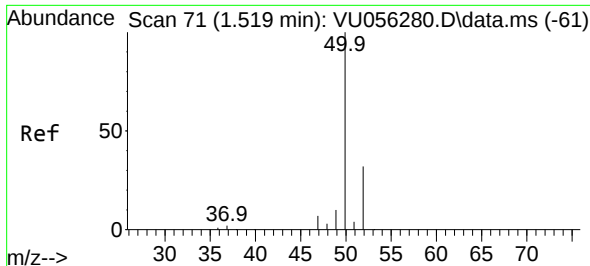
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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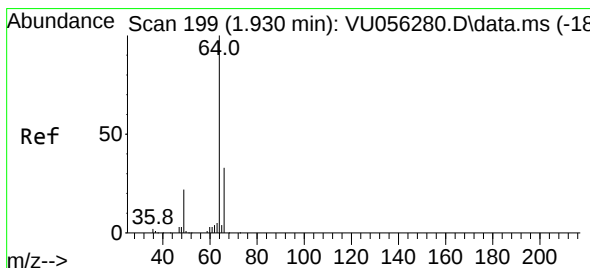
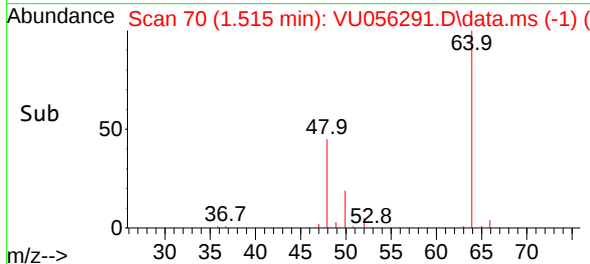
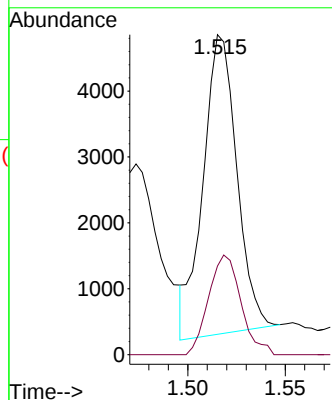
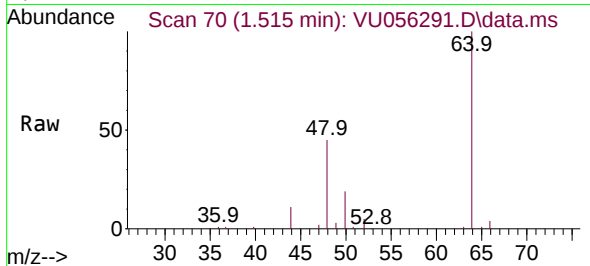




#3
Chloromethane
Concen: 0.232 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU056291.D
Acq: 14 Nov 2023 08:12

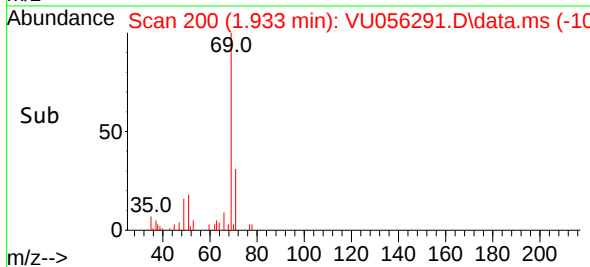
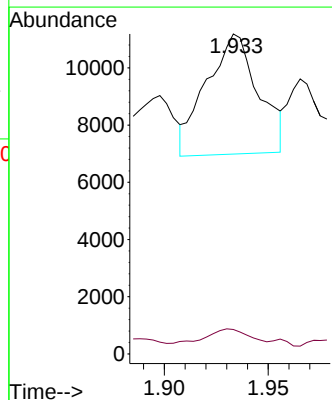
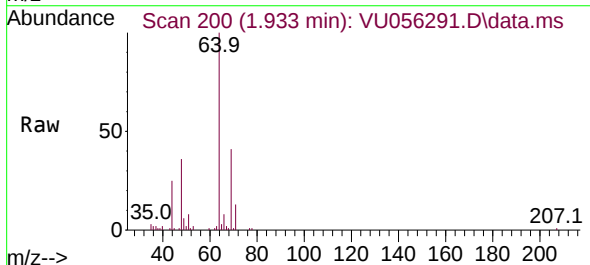
Instrument :
MSVOA_U
ClientSampleId :

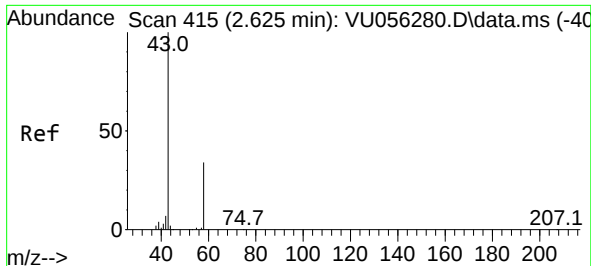
Tgt Ion: 50 Resp: 5478
Ion Ratio Lower Upper
50 100
52 27.7 24.3 45.1



#8
Chloroethane
Concen: 0.525 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056291.D
Acq: 14 Nov 2023 08:12

Tgt Ion: 64 Resp: 7298
Ion Ratio Lower Upper
64 100
66 7.6 23.9 44.5#





#13

Acetone

Concen: 47.703 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU056291.D

Acq: 14 Nov 2023 08:12

Instrument :

MSVOA_U

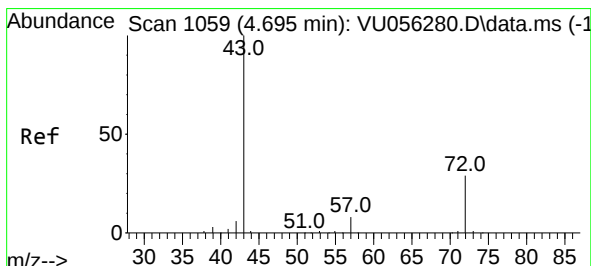
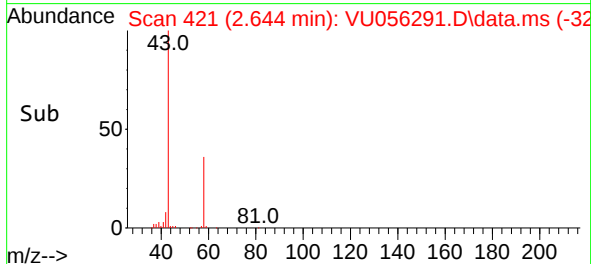
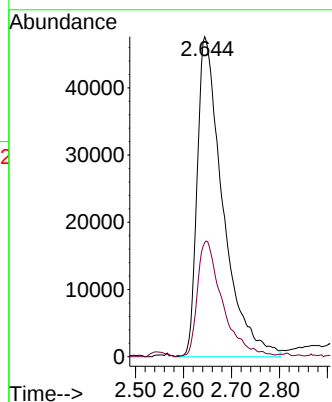
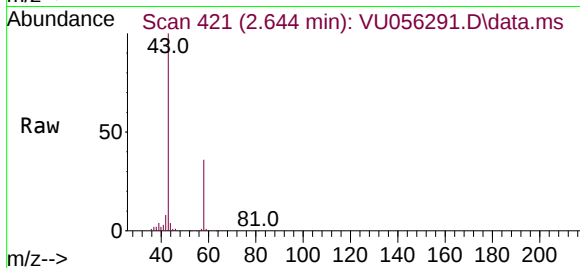
ClientSampleId :

Tgt Ion: 43 Resp: 176606

Ion Ratio Lower Upper

43 100

58 33.5 0.0 70.0



#21

2-Butanone

Concen: 10.833 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.026 min

Lab File: VU056291.D

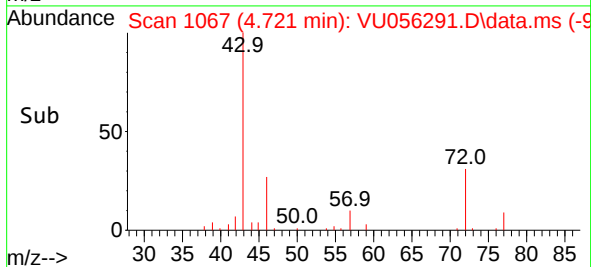
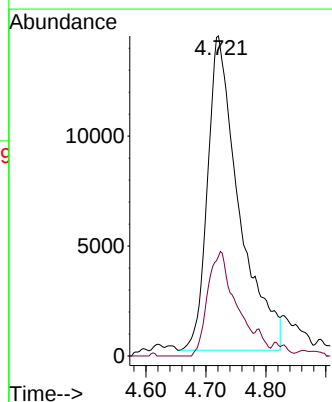
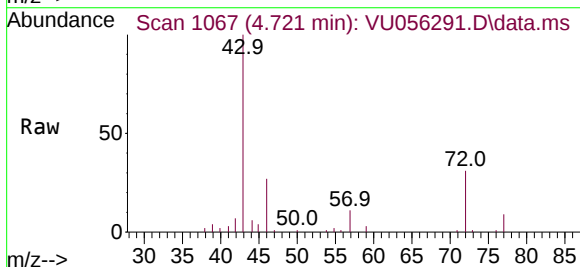
Acq: 14 Nov 2023 08:12

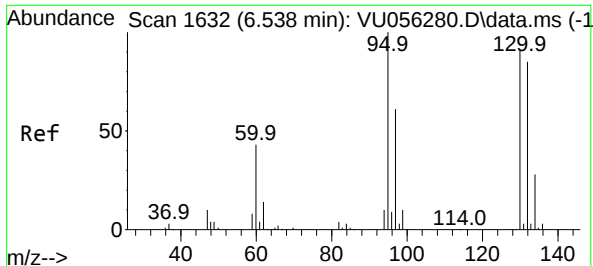
Tgt Ion: 43 Resp: 52041

Ion Ratio Lower Upper

43 100

72 29.1 14.2 42.6

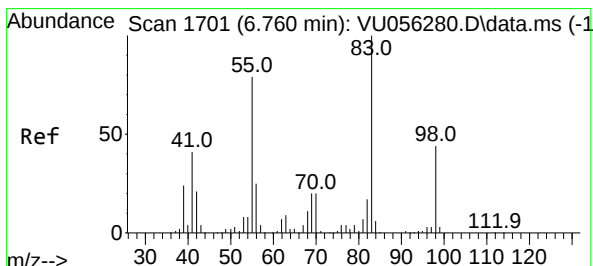
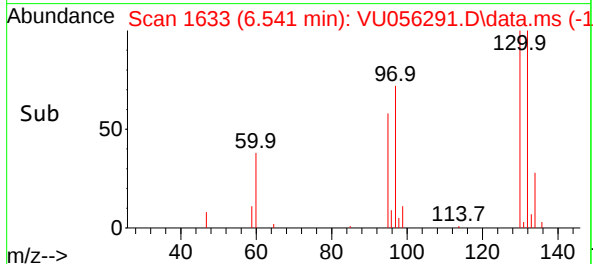
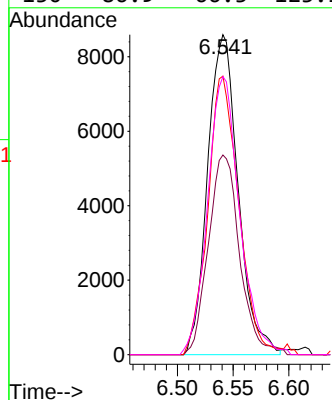
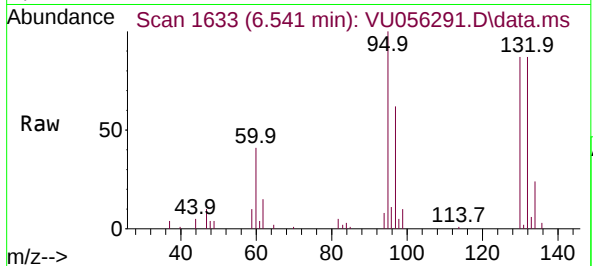




#34
Trichloroethene
Concen: 0.715 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056291.D
Acq: 14 Nov 2023 08:12

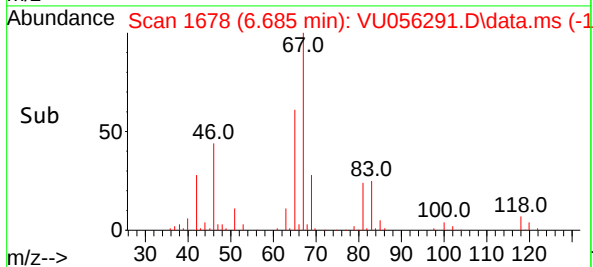
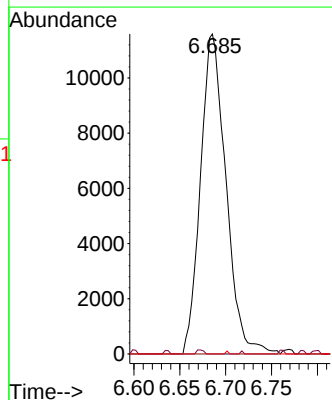
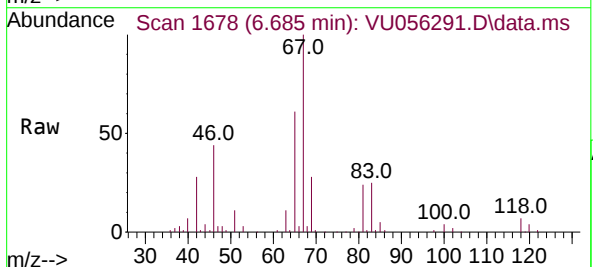
Instrument :
MSVOA_U
ClientSampleId :

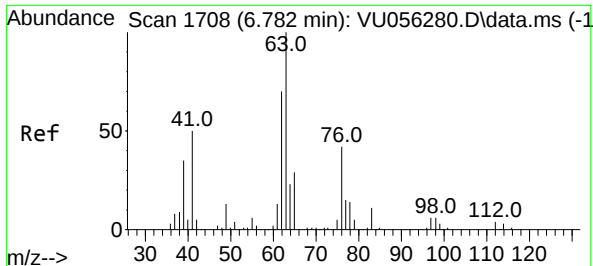
Tgt Ion: 95 Resp: 16395
Ion Ratio Lower Upper
95 100
97 62.4 46.5 86.3
132 87.0 62.0 115.2
130 86.9 66.3 123.1



#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056291.D
Acq: 14 Nov 2023 08:12

Tgt Ion: 83 Resp: 22389
Ion Ratio Lower Upper
83 100
55 0.3 62.9 94.3#
98 0.0 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.442 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU056291.D

Acq: 14 Nov 2023 08:12

Instrument :

MSVOA_U

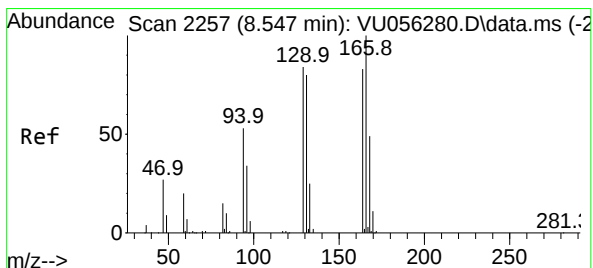
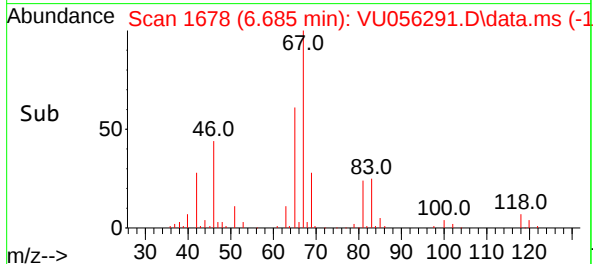
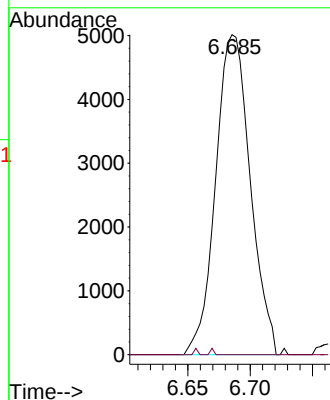
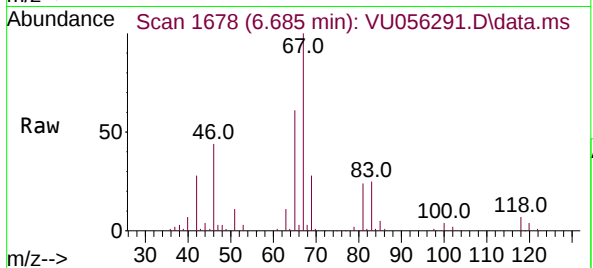
ClientSampleId :

Tgt Ion: 63 Resp: 9694

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.223 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU056291.D

Acq: 14 Nov 2023 08:12

Tgt Ion: 164 Resp: 3446

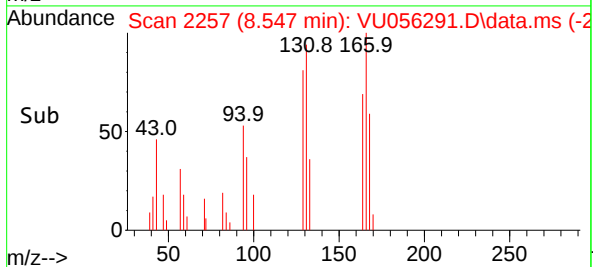
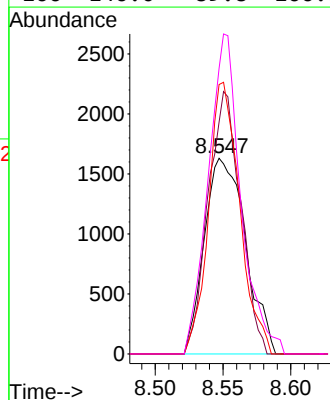
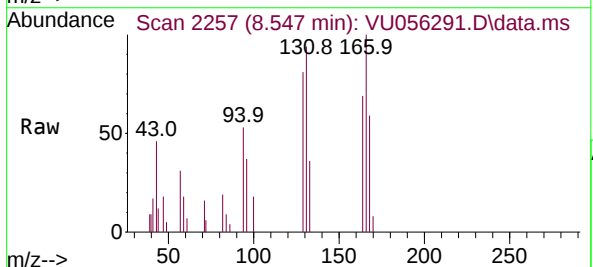
Ion Ratio Lower Upper

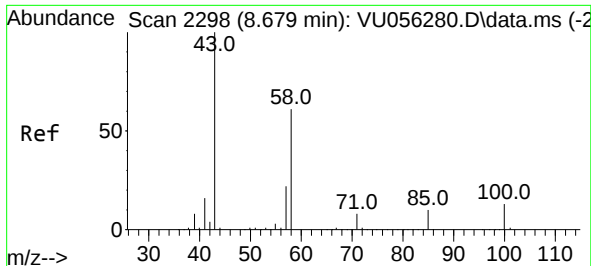
164 100

129 118.5 71.0 131.9

131 137.7 70.3 130.7#

166 146.0 89.8 166.8

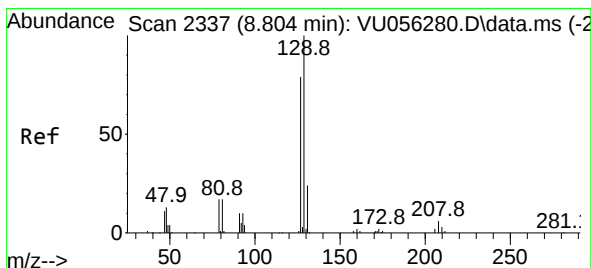
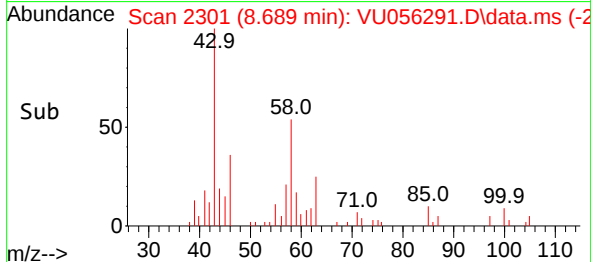
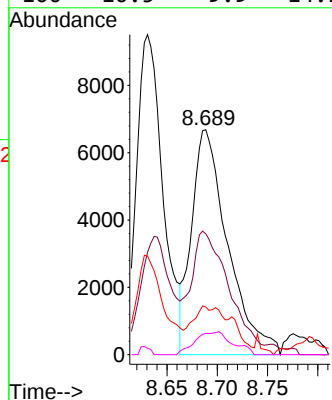
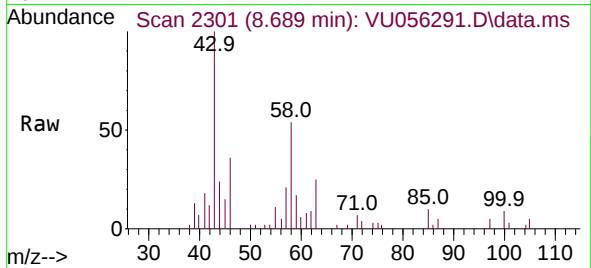




#48
2-Hexanone
Concen: 1.975 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056291.D
Acq: 14 Nov 2023 08:12

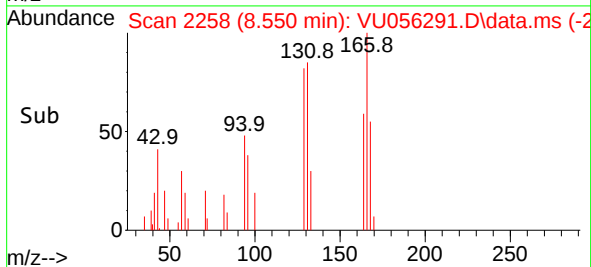
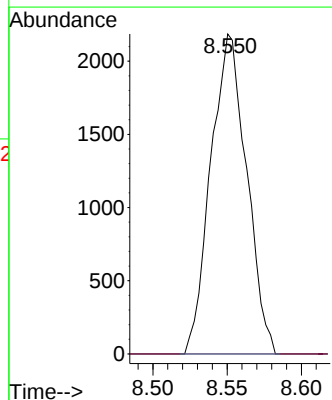
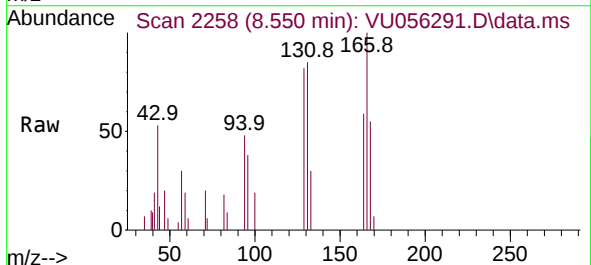
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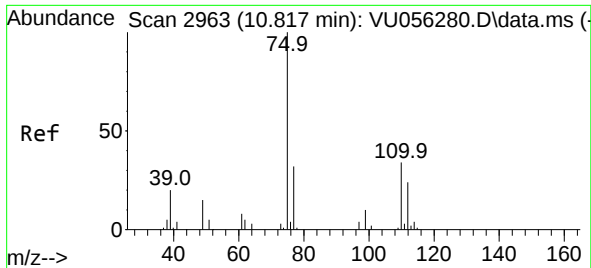
Tgt Ion: 43	Resp: 16733
Ion Ratio	Lower Upper
43 100	
58 50.9	48.7 73.1
57 24.4	16.8 25.2
100 10.5	9.9 14.9



#49
Dibromochloromethane
Concen: 0.221 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056291.D
Acq: 14 Nov 2023 08:12

Tgt Ion:129	Resp:	3668	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.9	98.3#





#61

1,2,3-Trichloropropane

Concen: 1.434 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

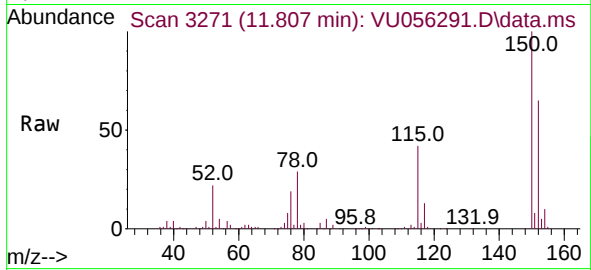
Lab File: VU056291.D

Acq: 14 Nov 2023 08:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 15960

Ion Ratio Lower Upper

75 100

110 2.5 30.4 45.6#

77 32.1 27.0 40.6

