

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056290.D
 Acq On : 14 Nov 2023 07:47
 Operator : MD/SY
 Sample : 05372-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:37:27 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)

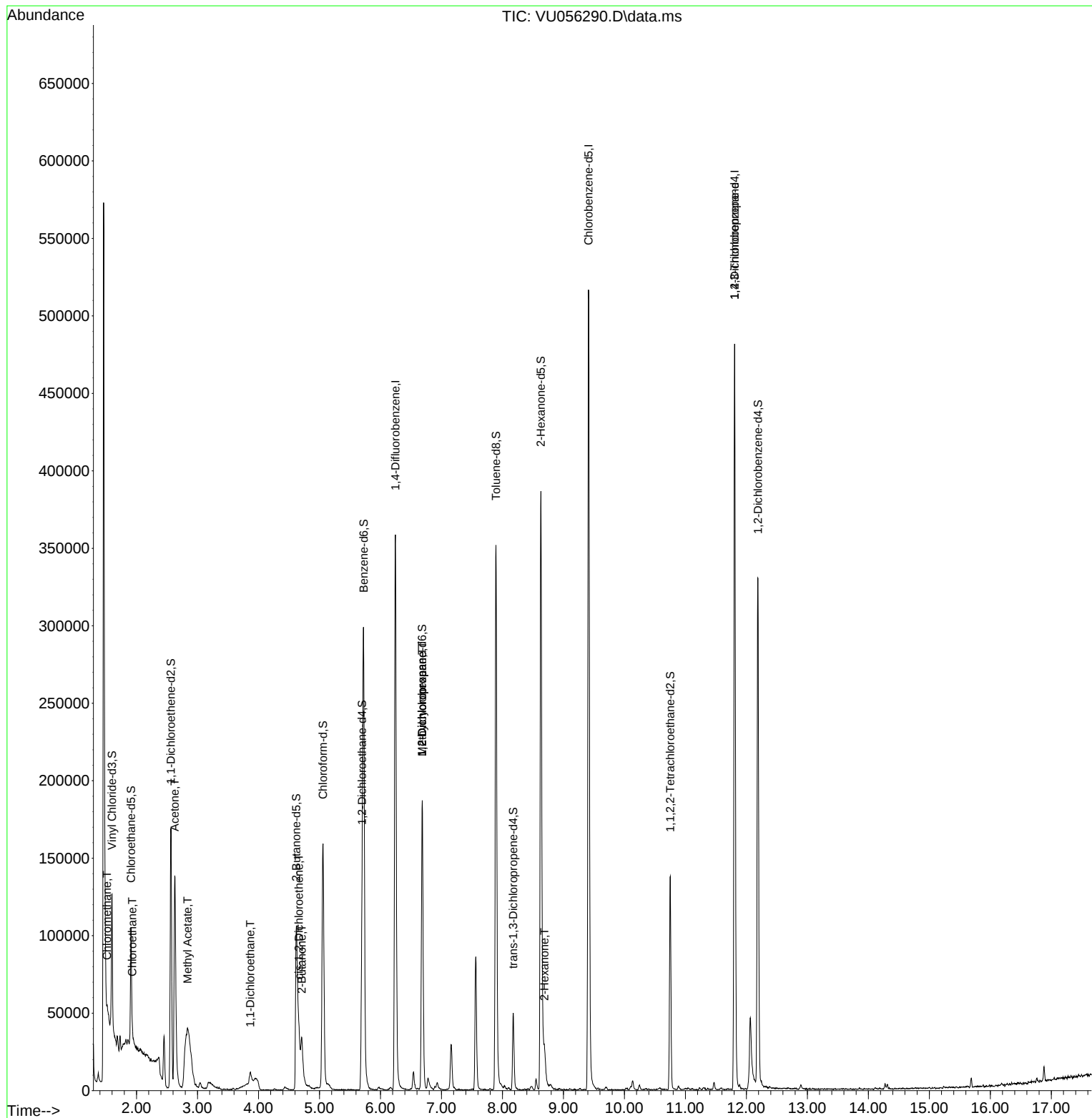
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	295912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	301630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	61877	2.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.000%
7) Chloroethane-d5	1.911	69	53691	3.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.200%#
11) 1,1-Dichloroethene-d2	2.563	65	33372	3.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.621	46	170319	38.591	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.180%
24) Chloroform-d	5.058	84	152296	3.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
26) 1,2-Dichloroethane-d4	5.698	65	72310	3.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
32) Benzene-d6	5.724	84	286551	3.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.800%#
36) 1,2-Dichloropropane-d6	6.685	67	90750	3.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.000%
41) Toluene-d8	7.894	98	250066	3.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	8.177	79	29973	2.885	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.800%
46) 2-Hexanone-d5	8.631	63	136779	33.506	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67993	3.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	89002	3.740	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.800%#
Target Compounds						Qvalue
3) Chloromethane	1.518	50	6058	0.253	ug/L	97
8) Chloroethane	1.930	64	6421	0.455	ug/L #	58
13) Acetone	2.628	43	179538	47.763	ug/L	100
15) Methyl Acetate	2.837	43	1672	0.250	ug/L #	52
19) 1,1-Dichloroethane	3.866	63	7968	0.216	ug/L	96
21) 2-Butanone	4.711	43	47835	9.807	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	10636	0.503	ug/L	97
35) Methylcyclohexane	6.685	83	20290	0.599	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9819	0.437	ug/L #	89
48) 2-Hexanone	8.688	43	15623	1.802	ug/L #	95
61) 1,2,3-Trichloropropane	11.807	75	16225	1.468	ug/L #	67

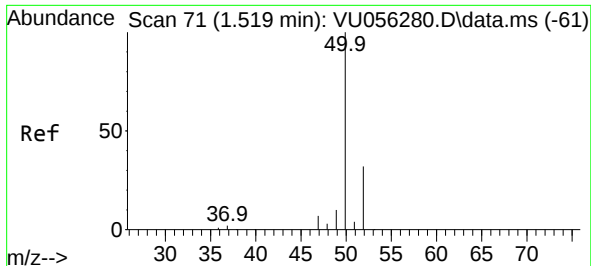
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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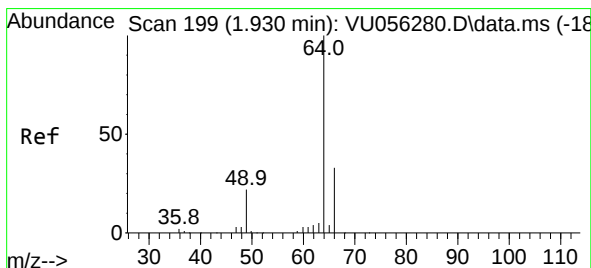
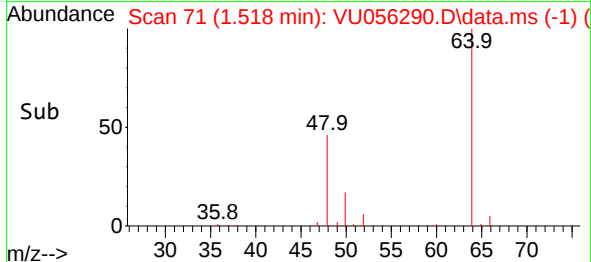
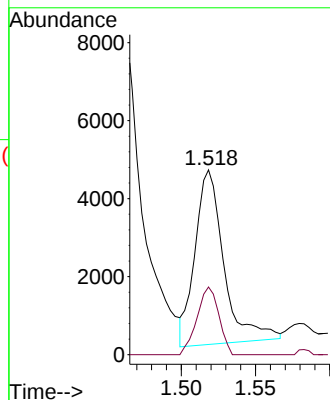
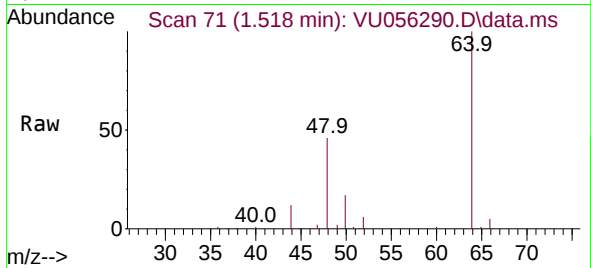




#3
Chloromethane
Concen: 0.253 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU056290.D
Acq: 14 Nov 2023 07:47

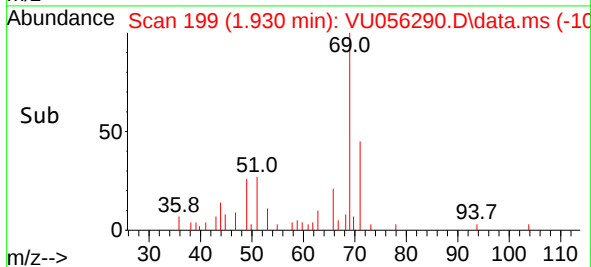
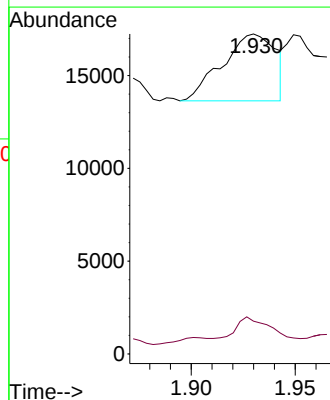
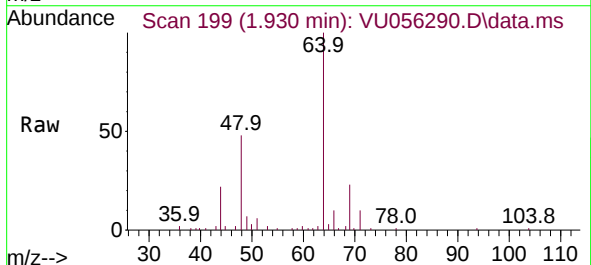
Instrument :
MSVOA_U
ClientSampleId :

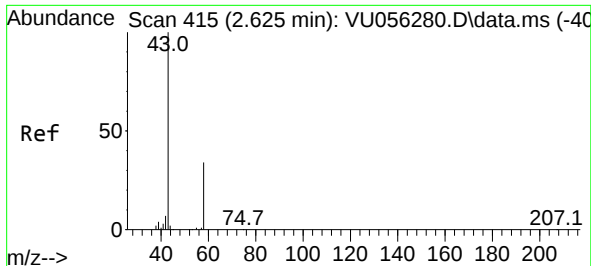
Tgt Ion: 50 Resp: 6058
Ion Ratio Lower Upper
50 100
52 36.6 24.3 45.1



#8
Chloroethane
Concen: 0.455 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056290.D
Acq: 14 Nov 2023 07:47

Tgt Ion: 64 Resp: 6421
Ion Ratio Lower Upper
64 100
66 10.3 23.9 44.5#





#13

Acetone

Concen: 47.763 ug/L

RT: 2.628 min Scan# 415

Delta R.T. 0.003 min

Lab File: VU056290.D

Acq: 14 Nov 2023 07:47

Instrument :

MSVOA_U

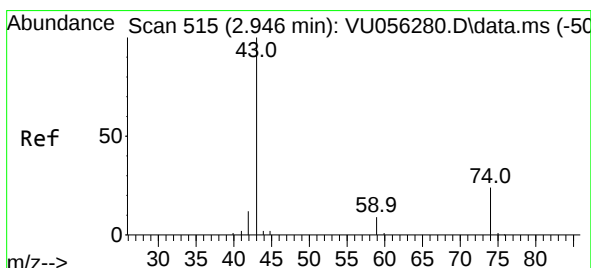
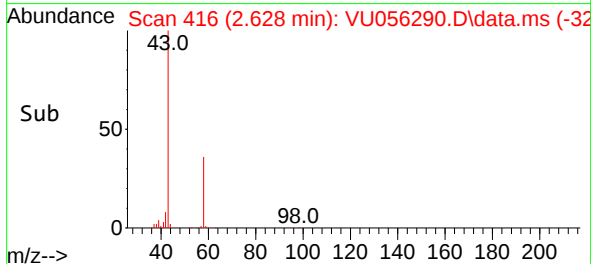
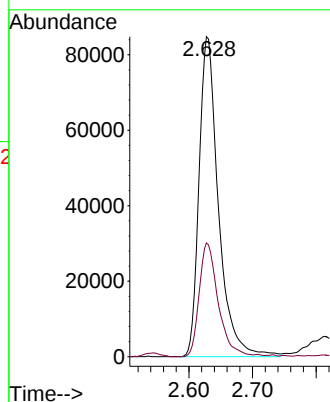
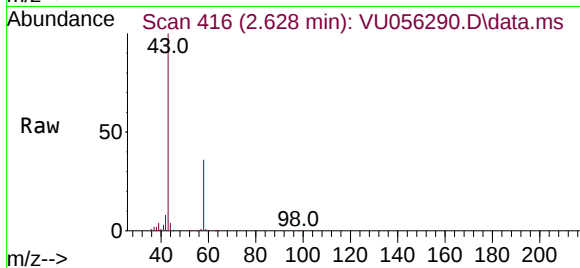
ClientSampleId :

Tgt Ion: 43 Resp: 179538

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.0



#15

Methyl Acetate

Concen: 0.250 ug/L

RT: 2.837 min Scan# 481

Delta R.T. -0.110 min

Lab File: VU056290.D

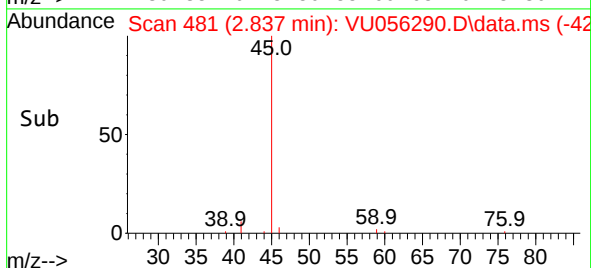
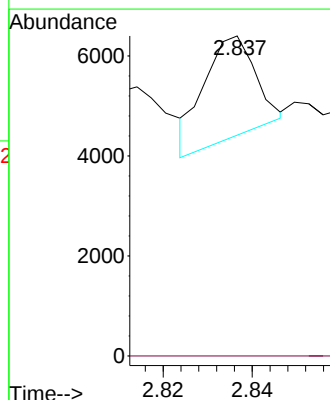
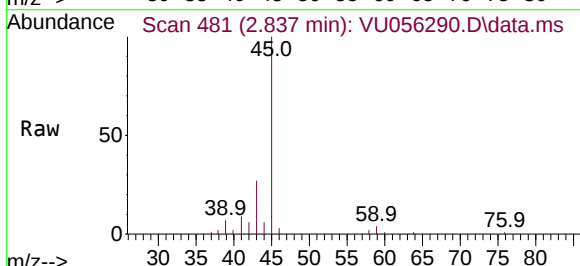
Acq: 14 Nov 2023 07:47

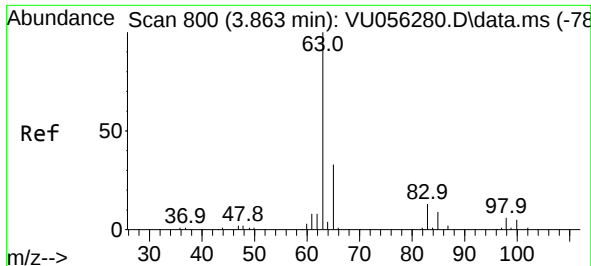
Tgt Ion: 43 Resp: 1672

Ion Ratio Lower Upper

43 100

74 1.2 20.6 31.0#





#19

1,1-Dichloroethane

Concen: 0.216 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU056290.D

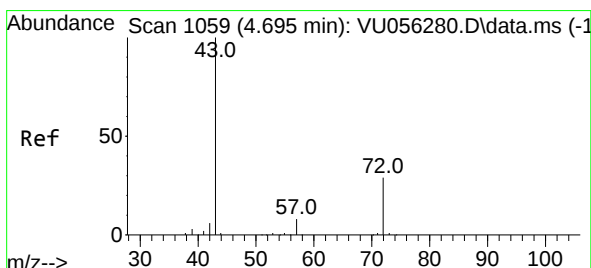
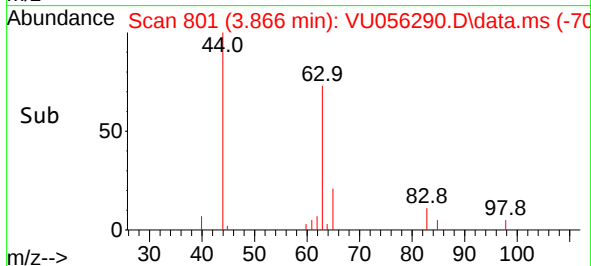
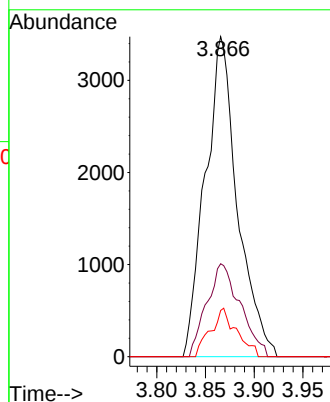
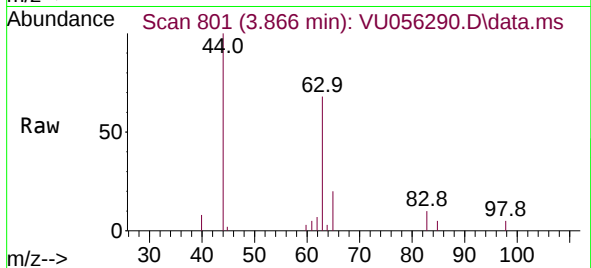
Acq: 14 Nov 2023 07:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 7968	
Ion Ratio	Lower	Upper
63	100	
65	27.8	21.8 40.6
83	13.8	9.7 17.9



#21

2-Butanone

Concen: 9.807 ug/L

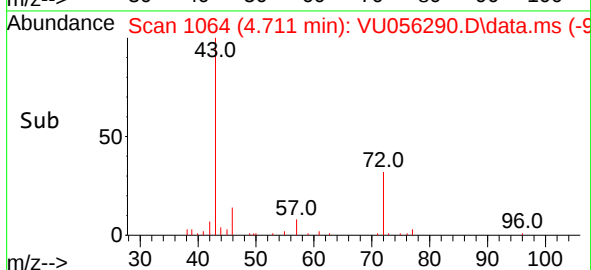
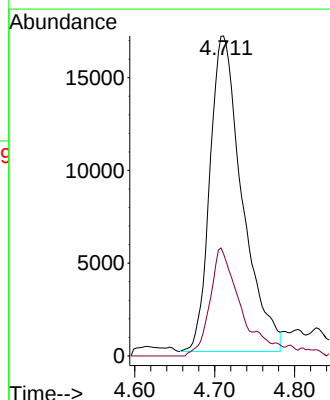
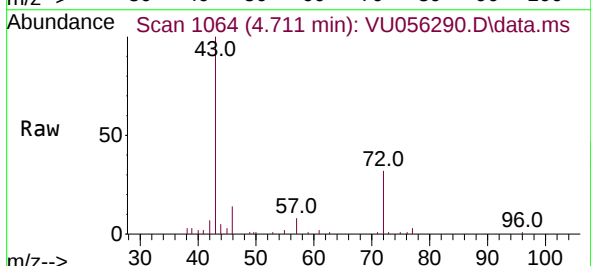
RT: 4.711 min Scan# 1064

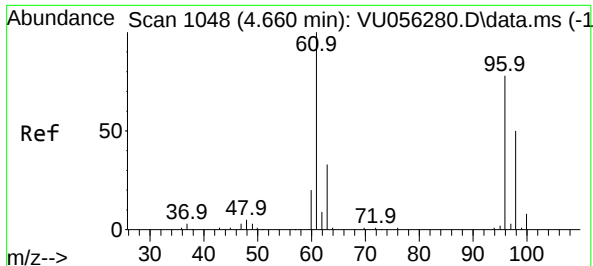
Delta R.T. 0.016 min

Lab File: VU056290.D

Acq: 14 Nov 2023 07:47

Tgt Ion: 43	Resp: 47835
Ion Ratio	Lower Upper
43 100	
72 32.8	14.2 42.6

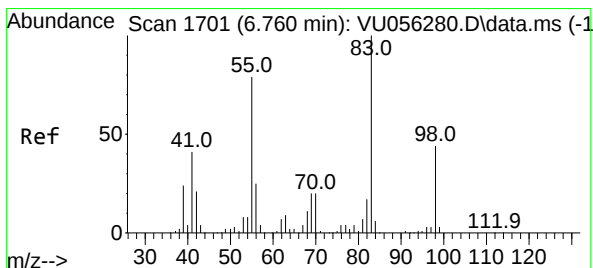
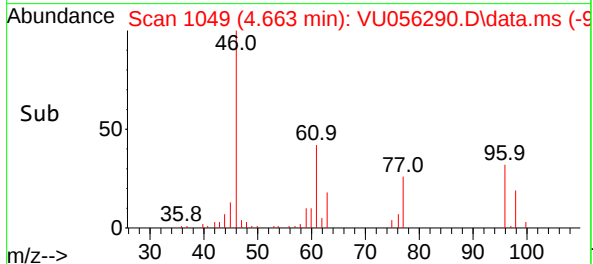
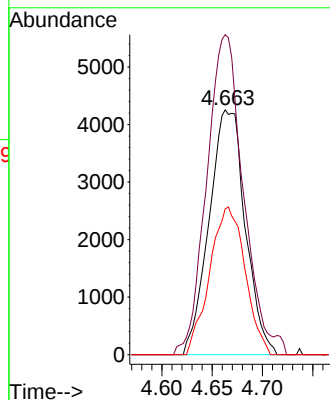
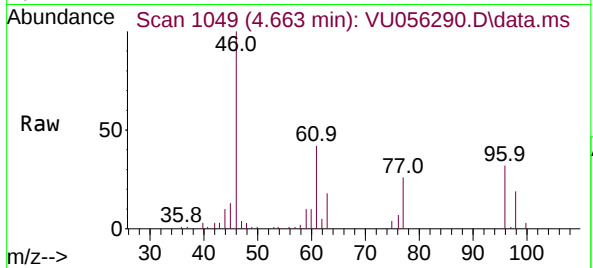




#22
 cis-1,2-Dichloroethene
 Concen: 0.503 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056290.D
 Acq: 14 Nov 2023 07:47

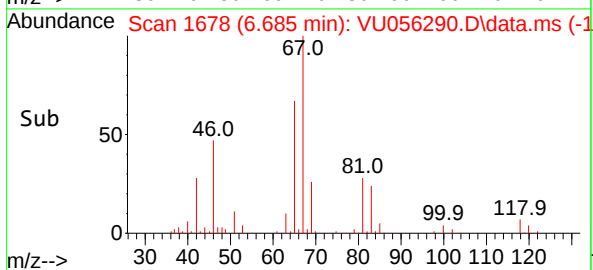
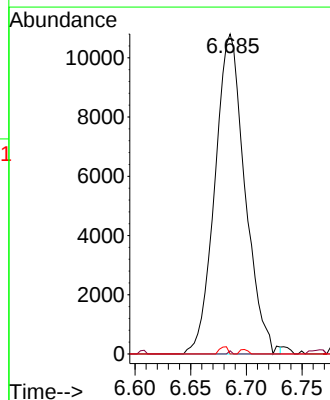
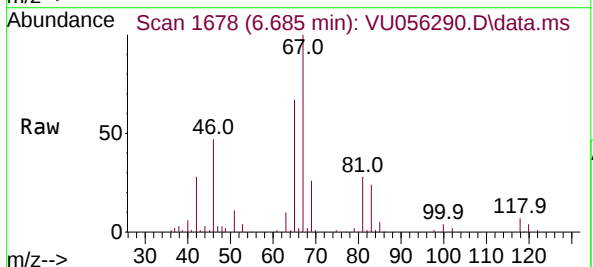
Instrument :
 MSVOA_U
 ClientSampleId :

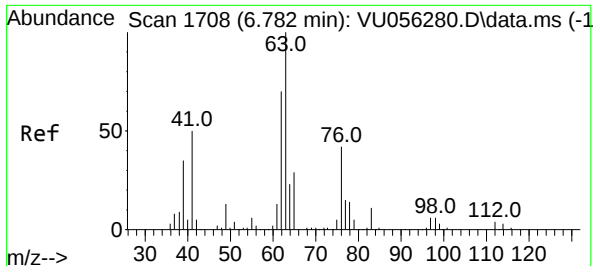
Tgt Ion: 96 Resp: 10636
 Ion Ratio Lower Upper
 96 100
 61 130.7 93.2 173.2
 98 59.6 44.8 83.2



#35
 Methylcyclohexane
 Concen: 0.599 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.074 min
 Lab File: VU056290.D
 Acq: 14 Nov 2023 07:47

Tgt Ion: 83 Resp: 20290
 Ion Ratio Lower Upper
 83 100
 55 0.1 62.9 94.3#
 98 0.6 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.437 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU056290.D

Acq: 14 Nov 2023 07:47

Instrument :

MSVOA_U

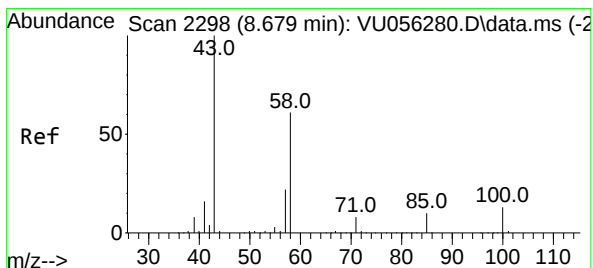
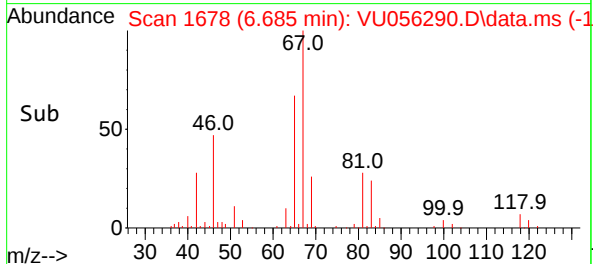
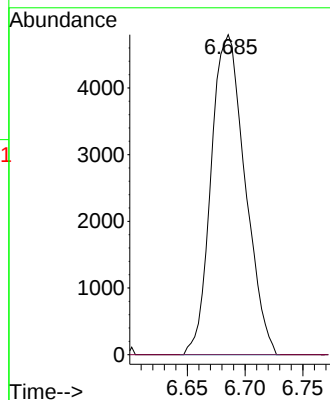
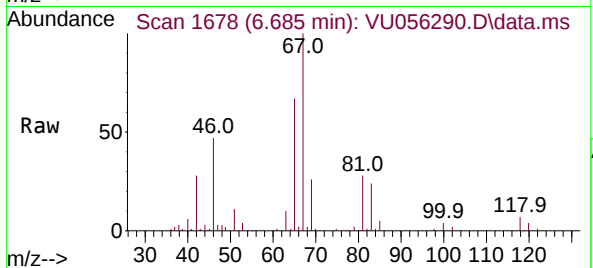
ClientSampleId :

Tgt Ion: 63 Resp: 9819

Ion Ratio Lower Upper

63 100

112 0.5 3.2 4.8#



#48

2-Hexanone

Concen: 1.802 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.009 min

Lab File: VU056290.D

Acq: 14 Nov 2023 07:47

Tgt Ion: 43 Resp: 15623

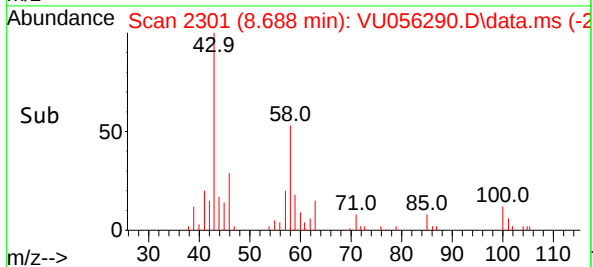
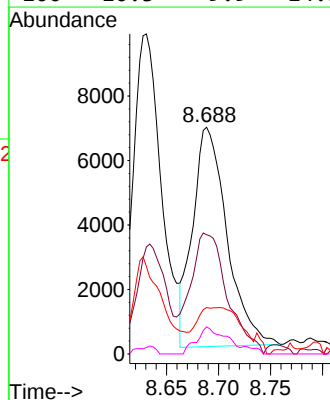
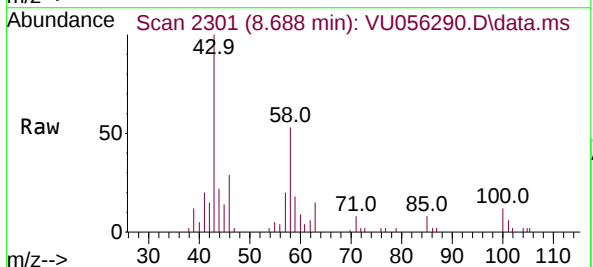
Ion Ratio Lower Upper

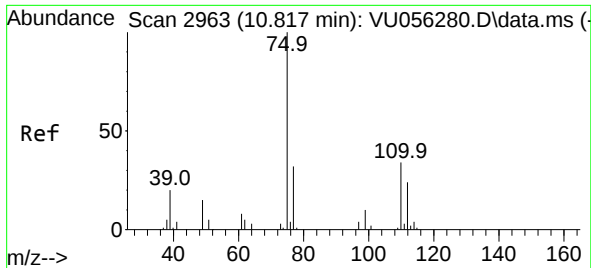
43 100

58 59.6 48.7 73.1

57 27.3 16.8 25.2#

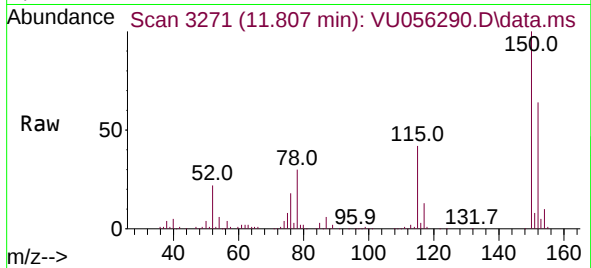
100 10.3 9.9 14.9





#61
1,2,3-Trichloropropane
Concen: 1.468 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056290.D
Acq: 14 Nov 2023 07:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 16225
Ion Ratio Lower Upper
75 100
110 2.1 30.4 45.6#
77 35.6 27.0 40.6

