

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055635.D
 Acq On : 03 Oct 2023 12:52
 Operator : MD/SY
 Sample : 04679-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:42:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

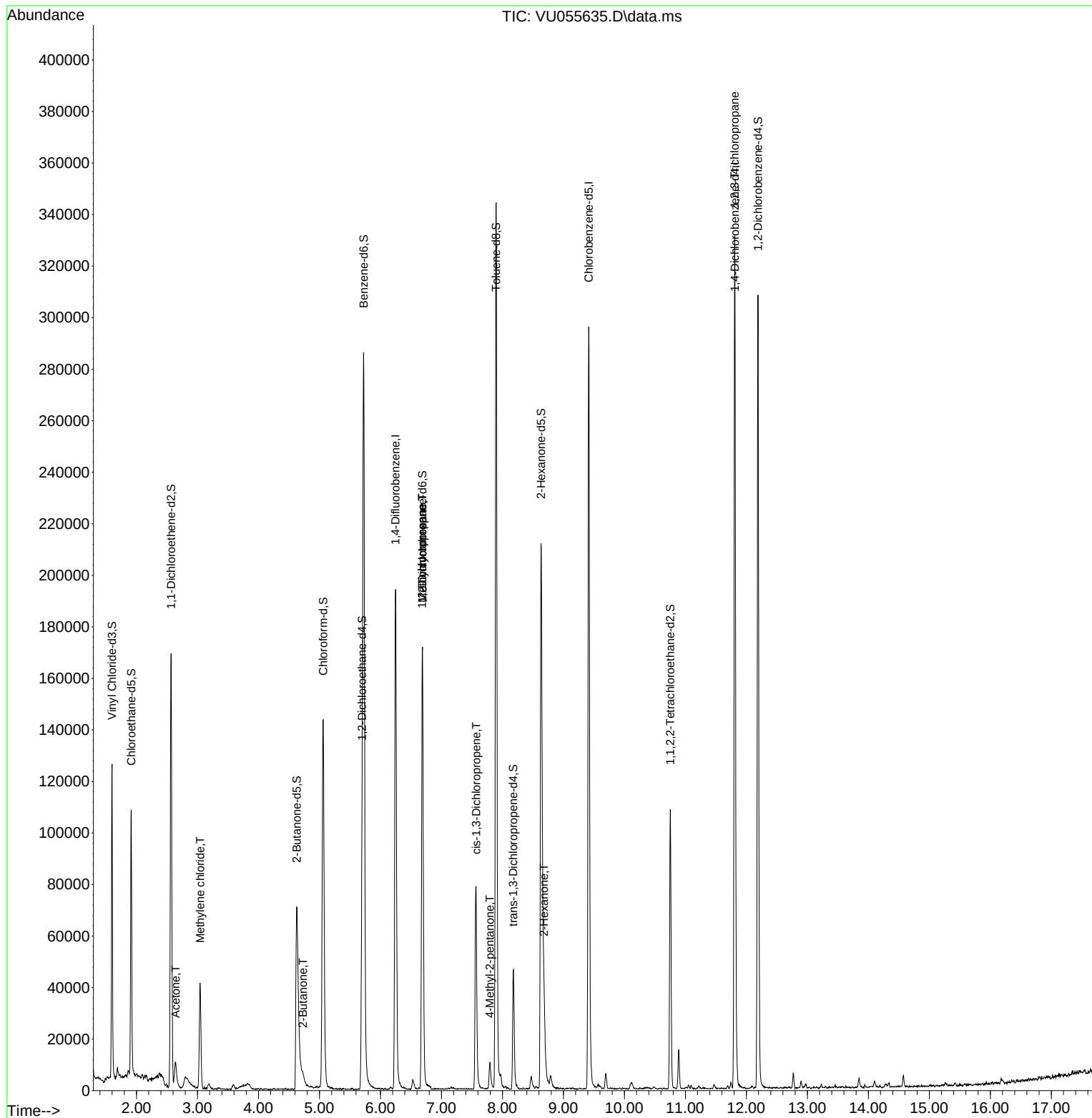
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167113	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	83519	5.082	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.600%	
7) Chloroethane-d5	1.914	69	70614	4.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.567	65	32446	4.797	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.000%	
20) 2-Butanone-d5	4.628	46	120844	40.713	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.420%	
24) Chloroform-d	5.062	84	134723	4.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.698	65	65495	4.581	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.724	84	278013	4.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.689	67	83974	4.808	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.898	98	239906	4.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	8.177	79	28334	4.623	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.634	63	67044	35.963	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.920%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55109	4.210	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	78570	4.443	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						
					Qvalue	
13) Acetone	2.641	43	15672	9.263	ug/L	96
16) Methylene chloride	3.046	84	19211	1.411	ug/L	99
21) 2-Butanone	4.727	43	6832	2.753	ug/L #	63
35) Methylcyclohexane	6.689	83	18448	0.941	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	9274	0.737	ug/L #	90
39) cis-1,3-Dichloropropene	7.570	75	2431	0.145	ug/L	84
40) 4-Methyl-2-pentanone	7.795	43	8001	1.402	ug/L #	81
48) 2-Hexanone	8.682	43	17029	3.851	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	12126	1.773	ug/L #	67

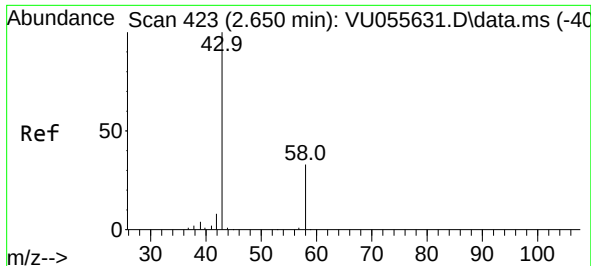
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.263 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU055635.D

Acq: 03 Oct 2023 12:52

Instrument :

MSVOA_U

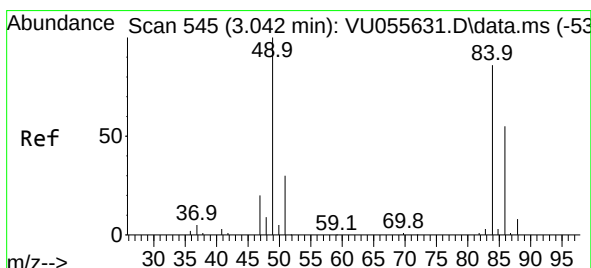
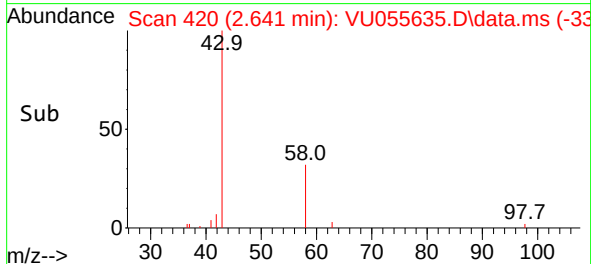
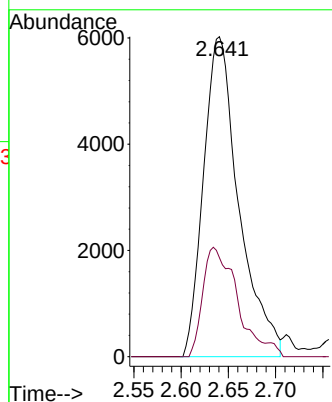
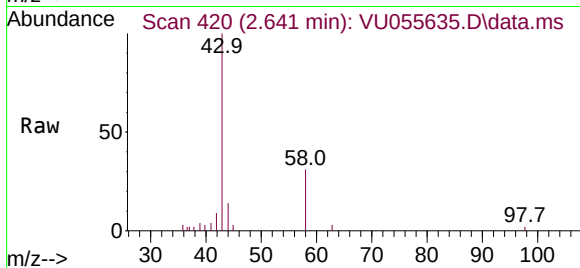
ClientSampleId :

Tgt Ion: 43 Resp: 15672

Ion Ratio Lower Upper

43 100

58 33.7 0.0 72.2



#16

Methylene chloride

Concen: 1.411 ug/L

RT: 3.046 min Scan# 546

Delta R.T. 0.003 min

Lab File: VU055635.D

Acq: 03 Oct 2023 12:52

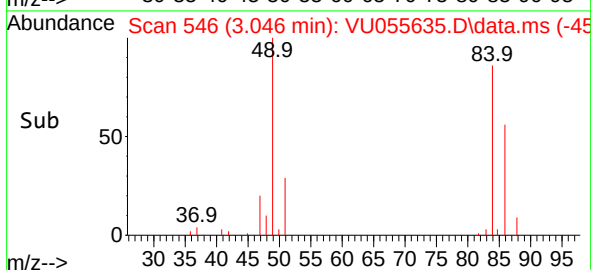
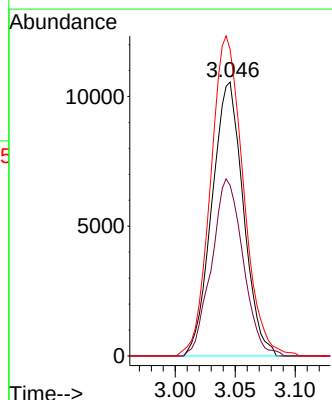
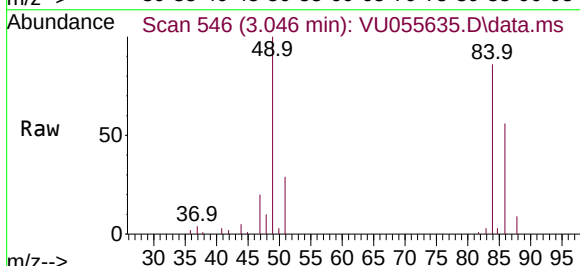
Tgt Ion: 84 Resp: 19211

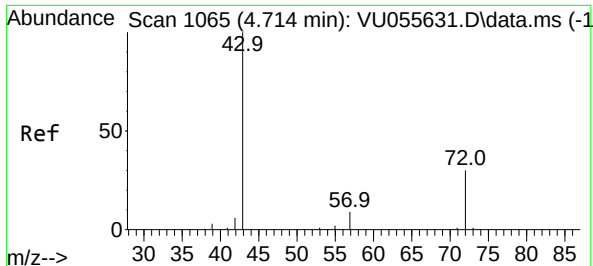
Ion Ratio Lower Upper

84 100

86 62.3 44.9 83.3

49 111.9 78.8 146.3

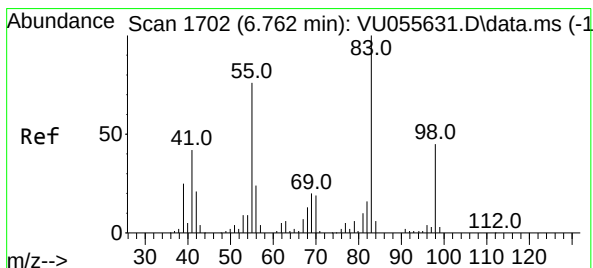
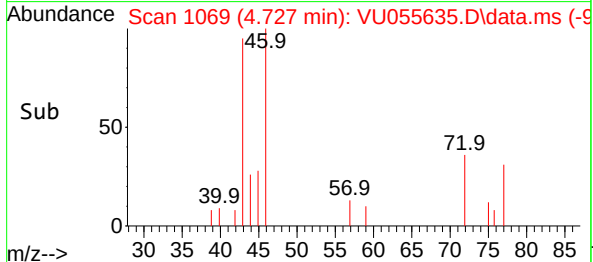
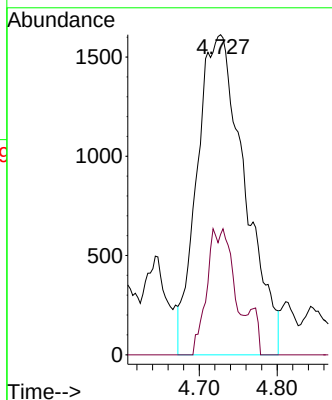
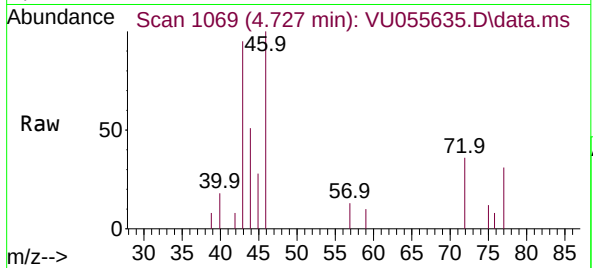




#21
2-Butanone
Concen: 2.753 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.013 min
Lab File: VU055635.D
Acq: 03 Oct 2023 12:52

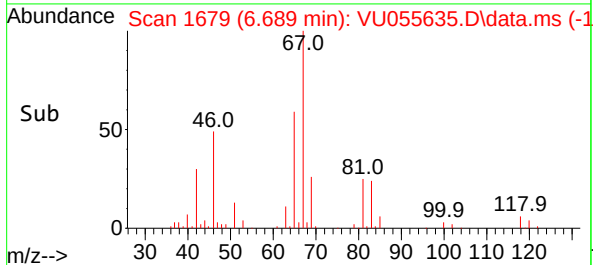
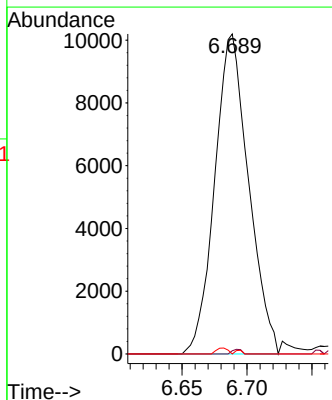
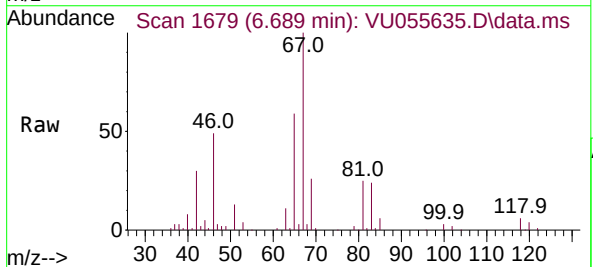
Instrument :
MSVOA_U
ClientSampleId :

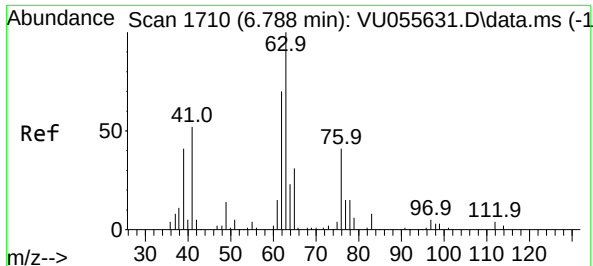
Tgt Ion: 43 Resp: 6832
Ion Ratio Lower Upper
43 100
72 10.1 15.1 45.3#



#35
Methylcyclohexane
Concen: 0.941 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055635.D
Acq: 03 Oct 2023 12:52

Tgt Ion: 83 Resp: 18448
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 0.2 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.737 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055635.D

Acq: 03 Oct 2023 12:52

Instrument :

MSVOA_U

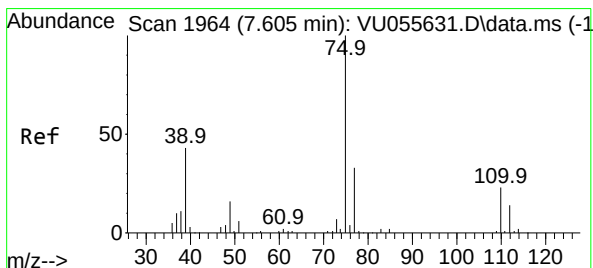
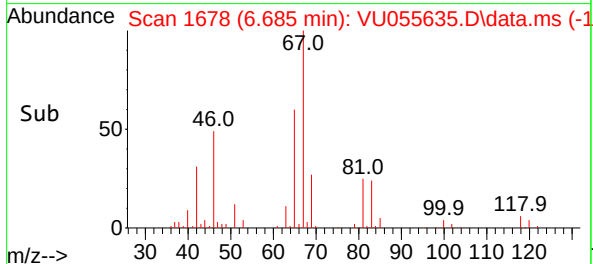
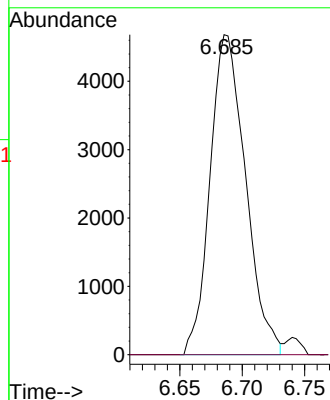
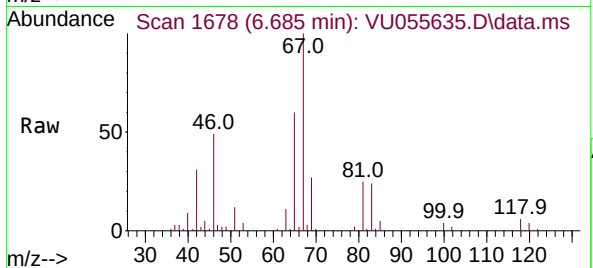
ClientSampleId :

Tgt Ion: 63 Resp: 9274

Ion Ratio Lower Upper

63 100

112 0.5 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.145 ug/L

RT: 7.570 min Scan# 1953

Delta R.T. -0.035 min

Lab File: VU055635.D

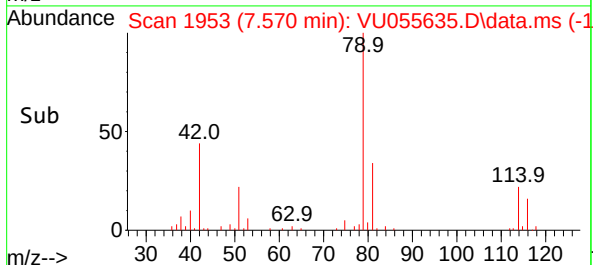
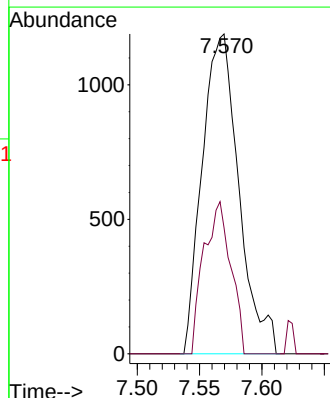
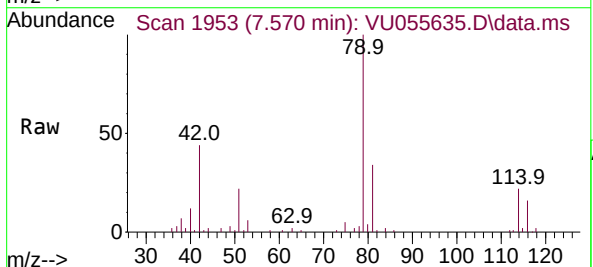
Acq: 03 Oct 2023 12:52

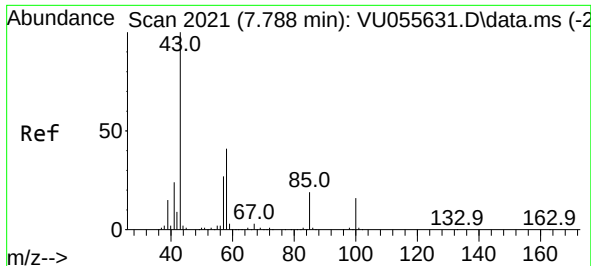
Tgt Ion: 75 Resp: 2431

Ion Ratio Lower Upper

75 100

77 39.4 21.6 40.2

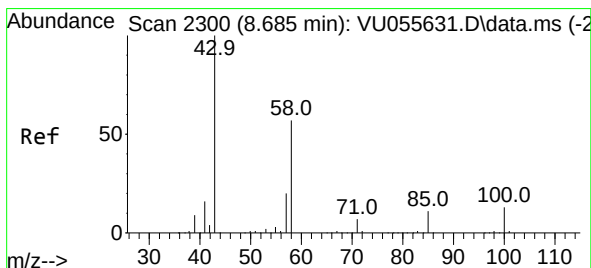
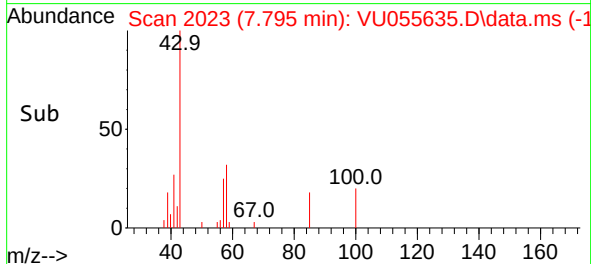
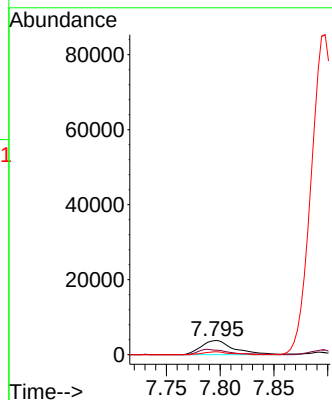
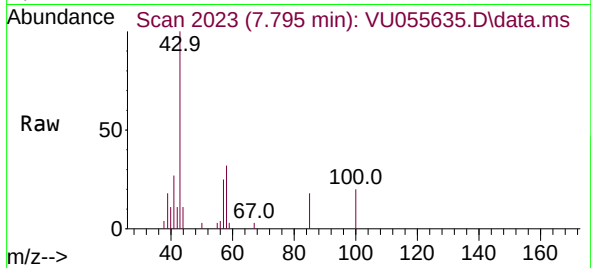




#40
4-Methyl-2-pentanone
Concen: 1.402 ug/L
RT: 7.795 min Scan# 2021
Delta R.T. 0.007 min
Lab File: VU055635.D
Acq: 03 Oct 2023 12:52

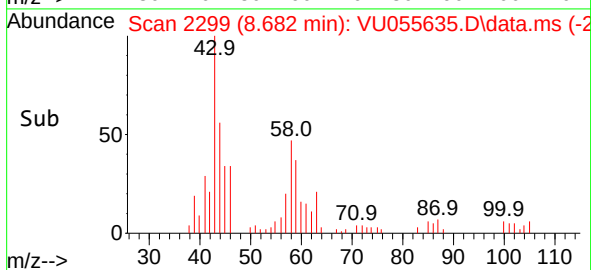
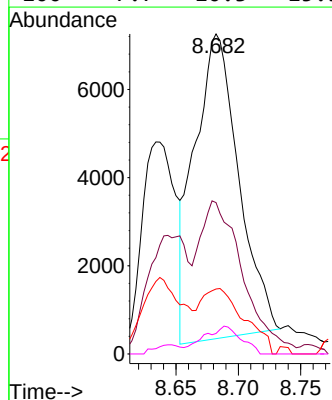
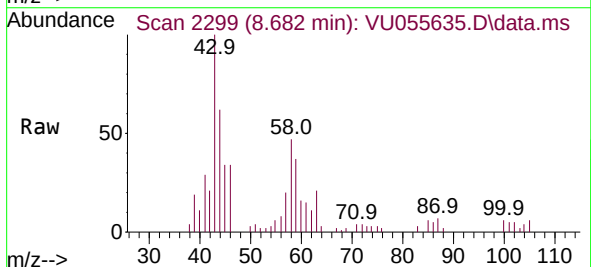
Instrument :
MSVOA_U
ClientSampleId :

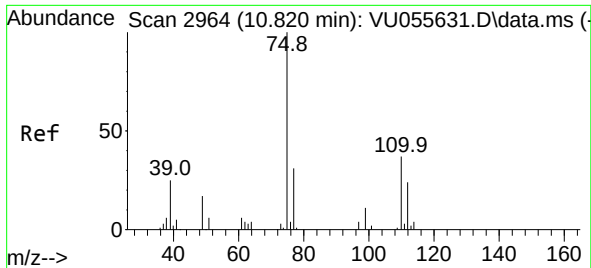
Tgt Ion: 43 Resp: 8001
Ion Ratio Lower Upper
43 100
58 35.2 34.2 51.4
100 0.0 13.4 20.0#



#48
2-Hexanone
Concen: 3.851 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU055635.D
Acq: 03 Oct 2023 12:52

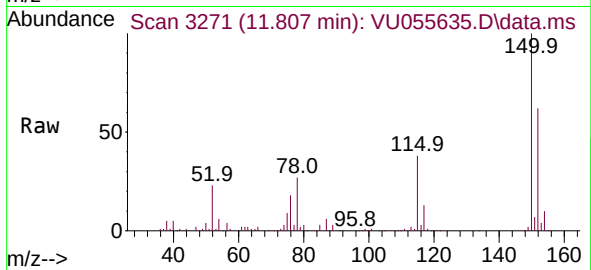
Tgt Ion: 43 Resp: 17029
Ion Ratio Lower Upper
43 100
58 49.6 48.5 72.7
57 21.7 17.0 25.4
100 7.7 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.773 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055635.D
 Acq: 03 Oct 2023 12:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12126
 Ion Ratio Lower Upper
 75 100
 110 1.2 30.6 45.8#
 77 33.7 26.7 40.1

