

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111423\
 Data File : VU056329.D
 Acq On : 15 Nov 2023 02:21
 Operator : MD/SY
 Sample : 05373-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 01:23:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 03:03:12 2023
 Response via : Initial Calibration

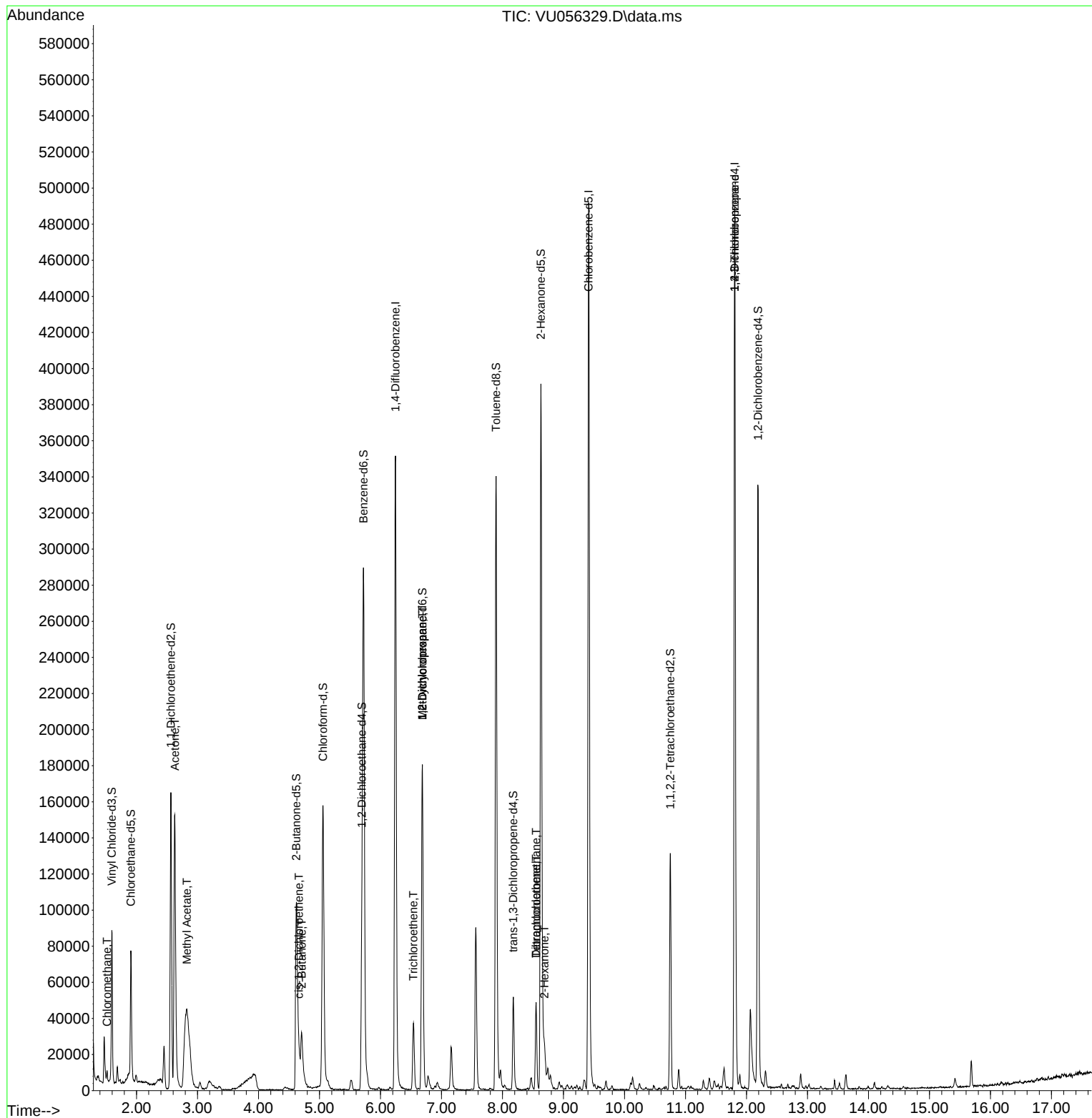
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	287497	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	281910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57570	2.677	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	53.600%	
7) Chloroethane-d5	1.907	69	50551	3.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	61.400%#	
11) 1,1-Dichloroethene-d2	2.563	65	31316	3.300	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	4.618	46	164292	38.315	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.640%	
24) Chloroform-d	5.055	84	146138	3.513	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.200%	
26) 1,2-Dichloroethane-d4	5.695	65	71001	3.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
32) Benzene-d6	5.721	84	279450	3.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	66.600%#	
36) 1,2-Dichloropropane-d6	6.685	67	90076	3.558	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	71.200%	
41) Toluene-d8	7.894	98	238306	3.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.200%#	
43) trans-1,3-Dichloroprop...	8.177	79	31404	3.235	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	64.600%	
46) 2-Hexanone-d5	8.630	63	134587	35.276	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.560%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	67788	3.748	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	86223	3.693	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	73.800%#	
Target Compounds						
3) Chloromethane	1.518	50	3737	0.161	ug/L	96
13) Acetone	2.628	43	192153	52.616	ug/L	99
15) Methyl Acetate	2.827	43	1537	0.236	ug/L #	49
21) 2-Butanone	4.708	43	46718	9.859	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	2164	0.105	ug/L	92
34) Trichloroethene	6.537	95	13390	0.611	ug/L	95
35) Methylcyclohexane	6.685	83	21046	0.665	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9166	0.437	ug/L #	89
47) Tetrachloroethene	8.550	164	8888	0.601	ug/L	97
48) 2-Hexanone	8.688	43	8983	1.109	ug/L	90
49) Dibromochloromethane	8.550	129	9387	0.591	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	15399	1.420	ug/L #	68

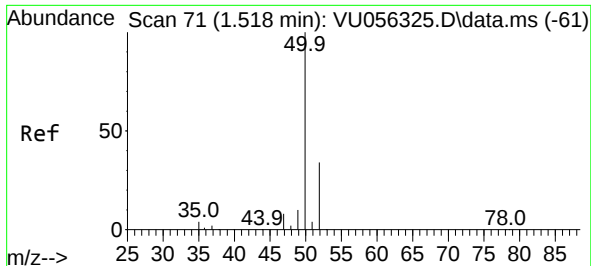
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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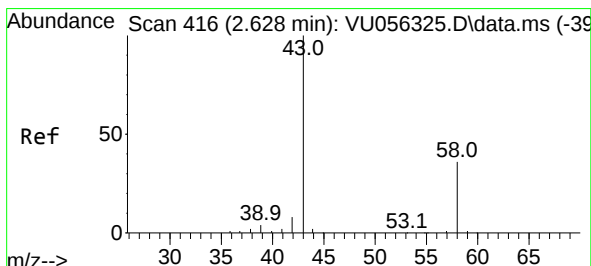
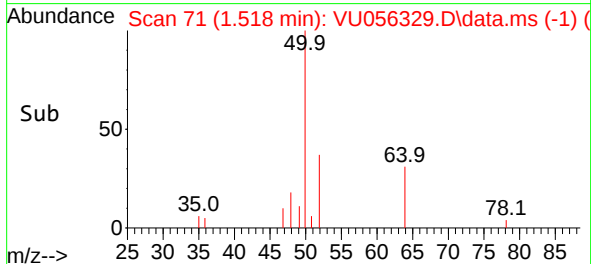
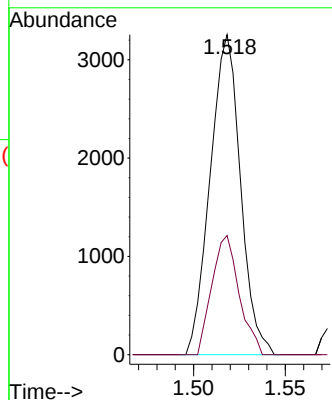
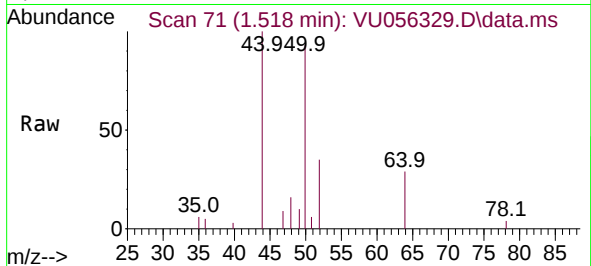




#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU056329.D
Acq: 15 Nov 2023 02:21

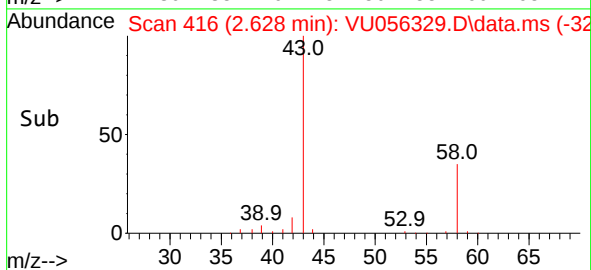
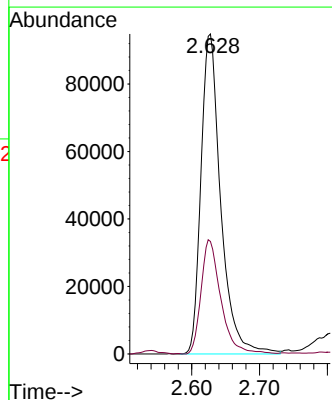
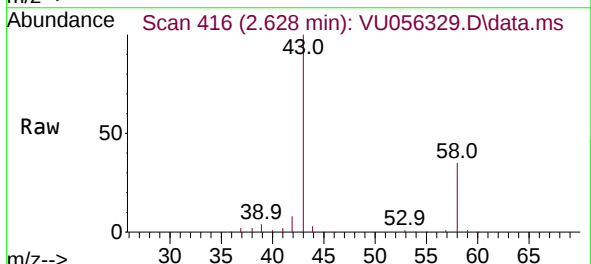
Instrument :
MSVOA_U
ClientSampleId :

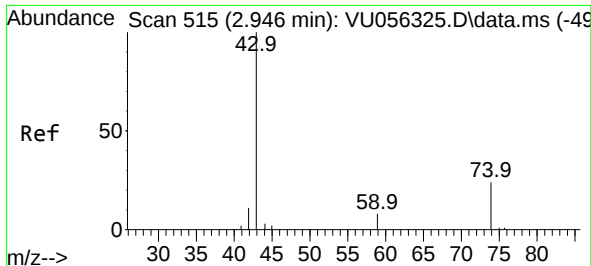
Tgt Ion: 50 Resp: 3737
Ion Ratio Lower Upper
50 100
52 37.3 24.3 45.1



#13
Acetone
Concen: 52.616 ug/L
RT: 2.628 min Scan# 416
Delta R.T. -0.000 min
Lab File: VU056329.D
Acq: 15 Nov 2023 02:21

Tgt Ion: 43 Resp: 192153
Ion Ratio Lower Upper
43 100
58 35.7 0.0 70.0

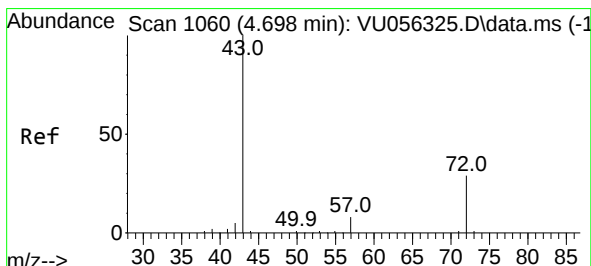
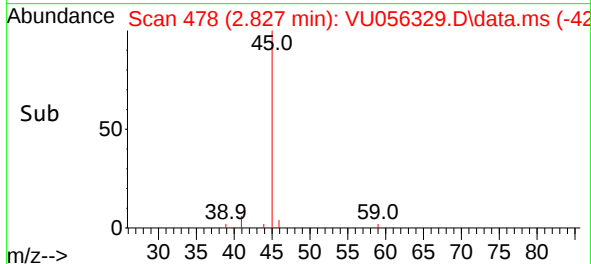
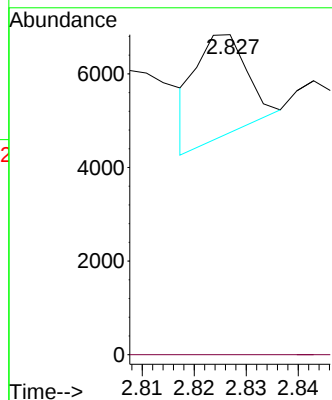
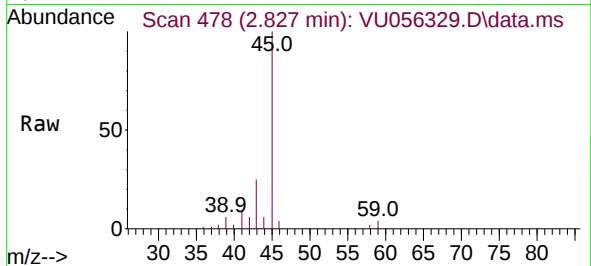




#15
Methyl Acetate
Concen: 0.236 ug/L
RT: 2.827 min Scan# 41
Delta R.T. -0.119 min
Lab File: VU056329.D
Acq: 15 Nov 2023 02:21

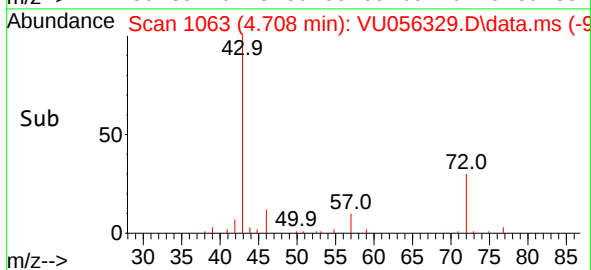
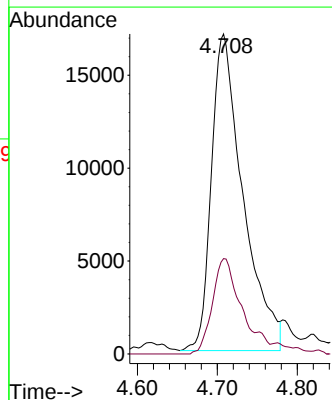
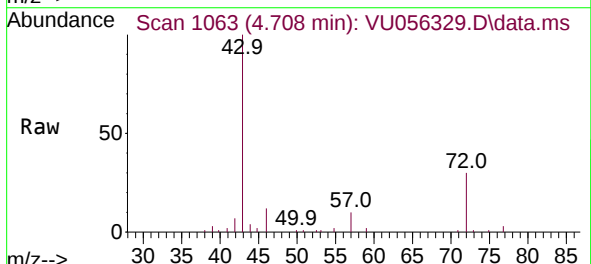
Instrument :
MSVOA_U
ClientSampleId :

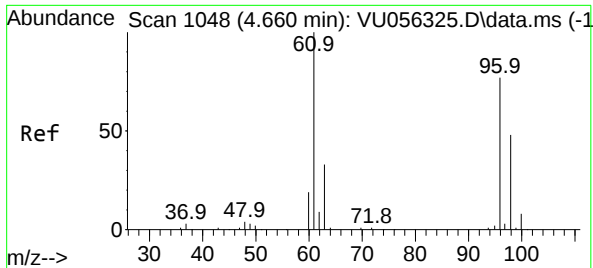
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#21
2-Butanone
Concen: 9.859 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.009 min
Lab File: VU056329.D
Acq: 15 Nov 2023 02:21

Tgt Ion: 43 Resp: 46718
Ion Ratio Lower Upper
43 100
72 28.1 14.2 42.6





#22

cis-1,2-Dichloroethene

Concen: 0.105 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056329.D

Acq: 15 Nov 2023 02:21

Instrument :

MSVOA_U

ClientSampleId :

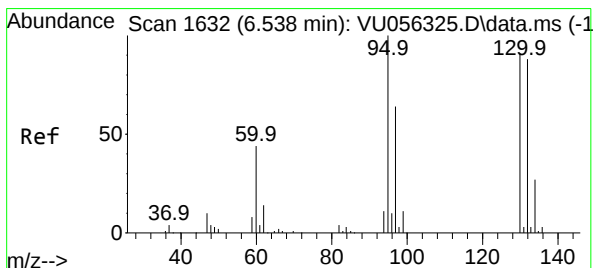
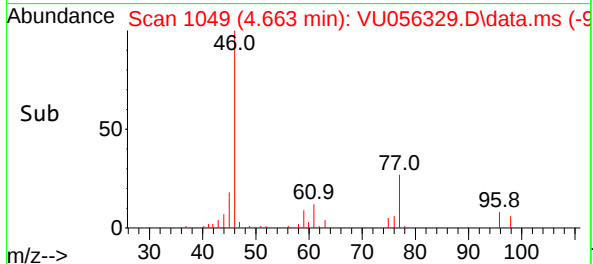
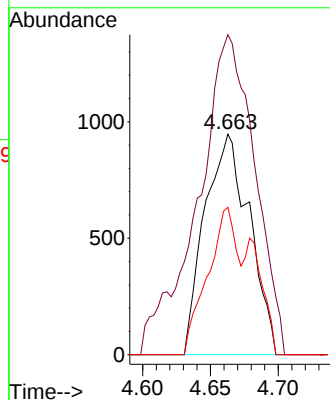
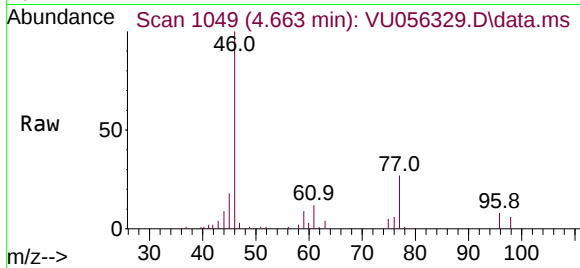
Tgt Ion: 96 Resp: 2164

Ion Ratio Lower Upper

96 100

61 145.1 93.2 173.2

98 66.8 44.8 83.2



#34

Trichloroethene

Concen: 0.611 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056329.D

Acq: 15 Nov 2023 02:21

Tgt Ion: 95 Resp: 13390

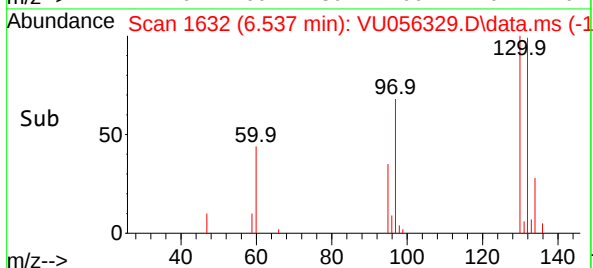
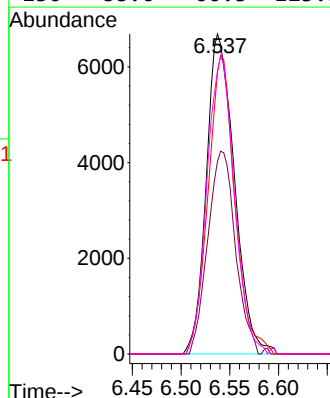
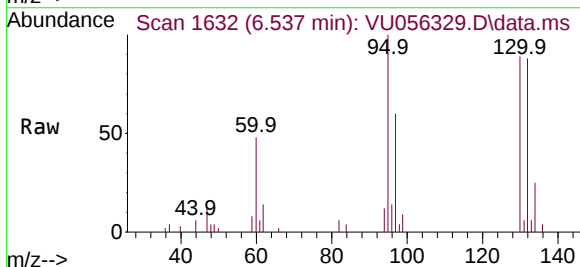
Ion Ratio Lower Upper

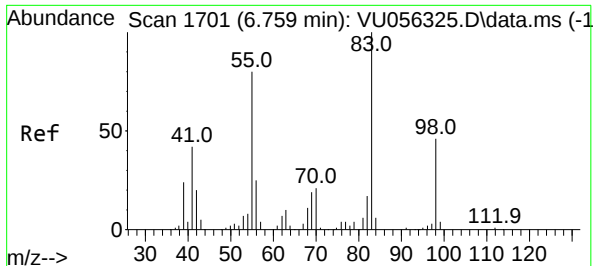
95 100

97 60.1 46.5 86.3

132 87.9 62.0 115.2

130 88.6 66.3 123.1





#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056329.D

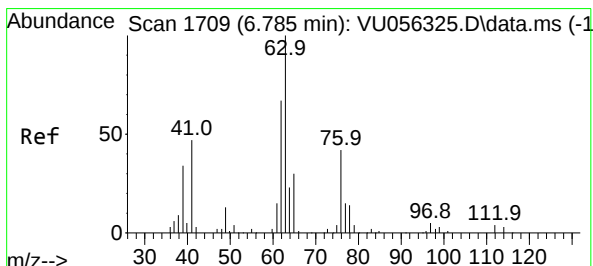
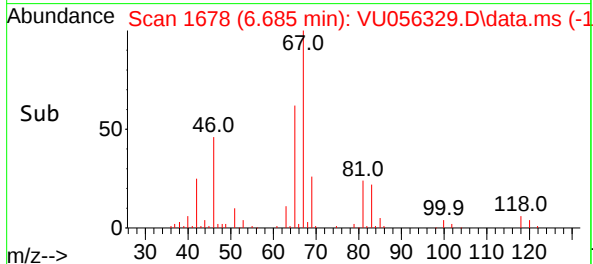
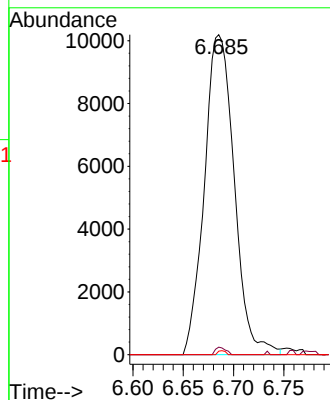
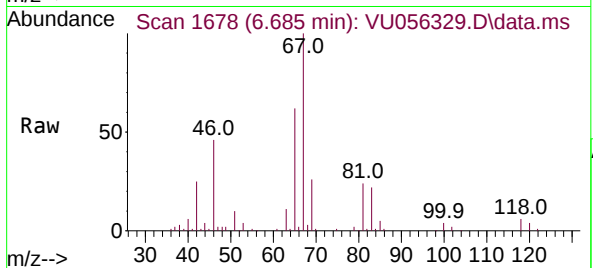
Acq: 15 Nov 2023 02:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 21046
Ion Ratio	Lower Upper
83 100	
55 0.8	62.9 94.3#
98 0.3	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.437 ug/L

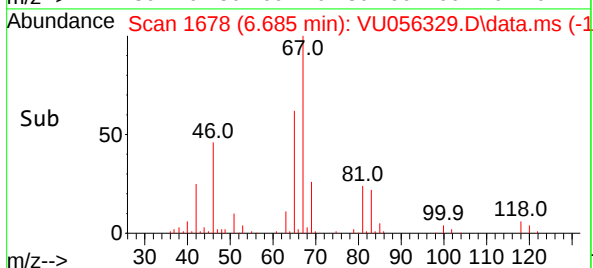
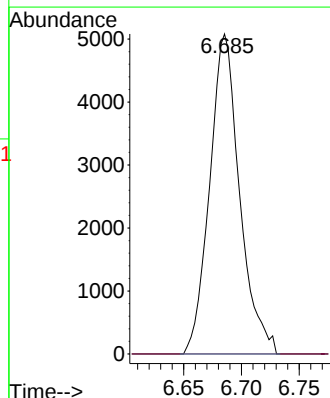
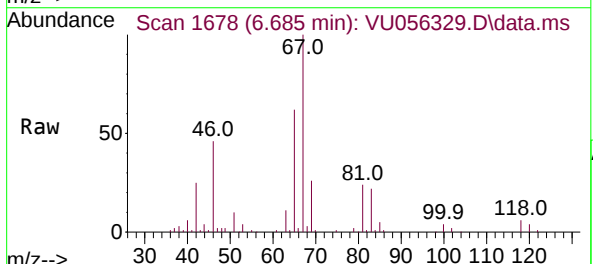
RT: 6.685 min Scan# 1678

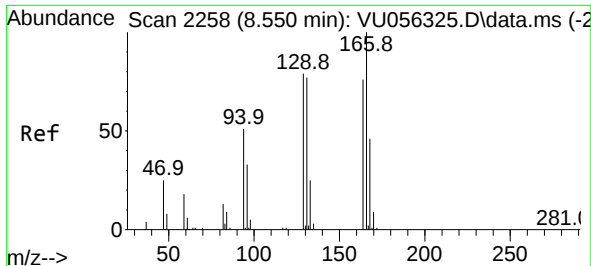
Delta R.T. -0.100 min

Lab File: VU056329.D

Acq: 15 Nov 2023 02:21

Tgt Ion: 63	Resp: 9166
Ion Ratio	Lower Upper
63 100	
112 0.2	3.2 4.8#





#47

Tetrachloroethene

Concen: 0.601 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

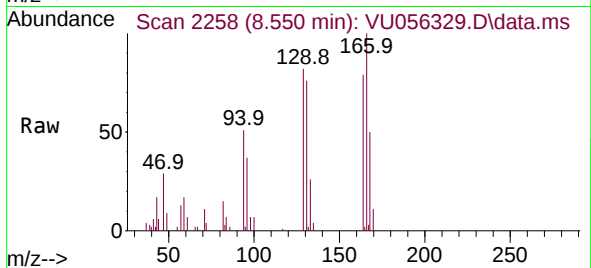
Lab File: VU056329.D

Acq: 15 Nov 2023 02:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 8888

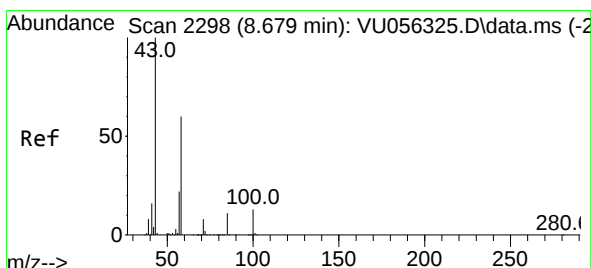
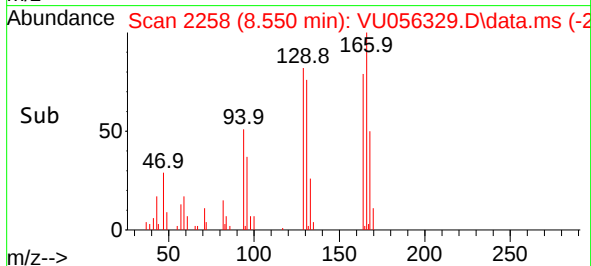
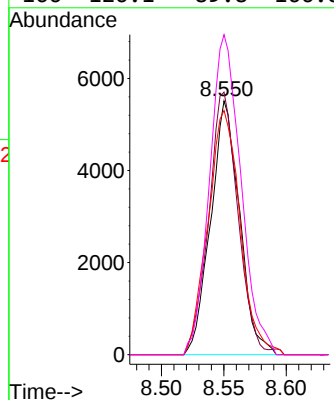
Ion Ratio Lower Upper

164 100

129 103.5 71.0 131.9

131 96.2 70.3 130.7

166 126.1 89.8 166.8



#48

2-Hexanone

Concen: 1.109 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.009 min

Lab File: VU056329.D

Acq: 15 Nov 2023 02:21

Tgt Ion: 43 Resp: 8983

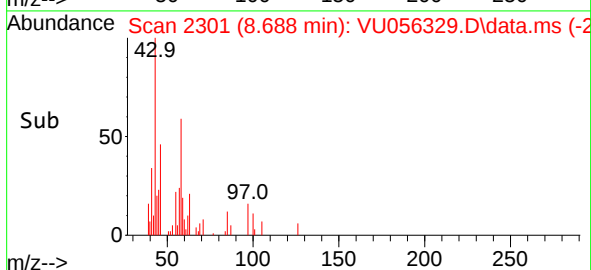
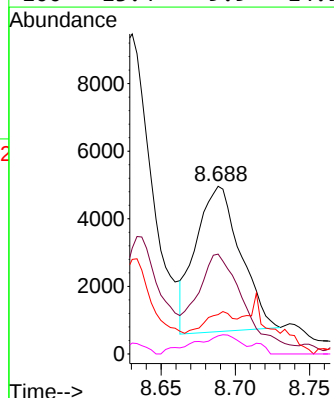
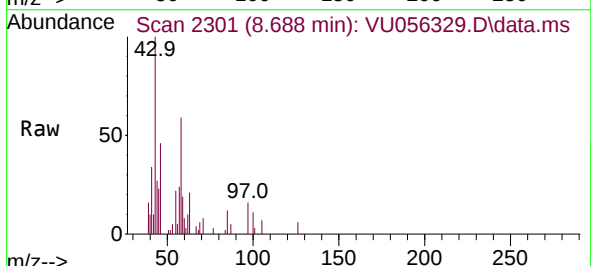
Ion Ratio Lower Upper

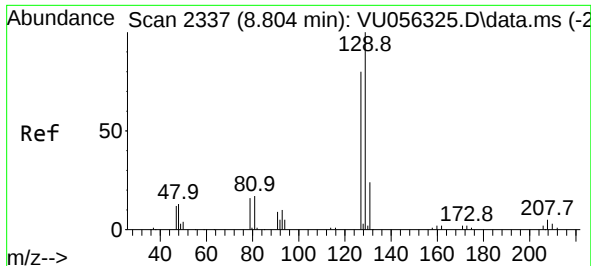
43 100

58 71.4 48.7 73.1

57 23.7 16.8 25.2

100 13.4 9.9 14.9





#49

Dibromochloromethane

Concen: 0.591 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU056329.D

Acq: 15 Nov 2023 02:21

Instrument :

MSVOA_U

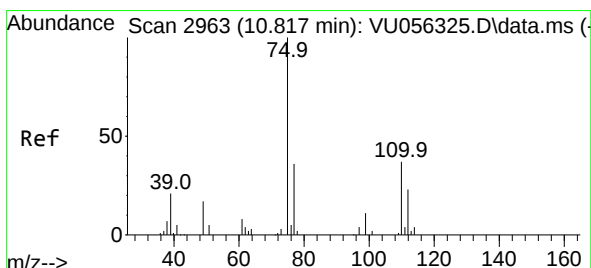
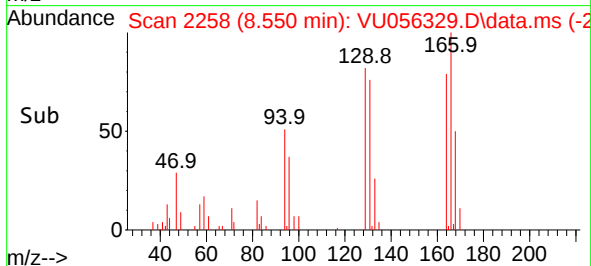
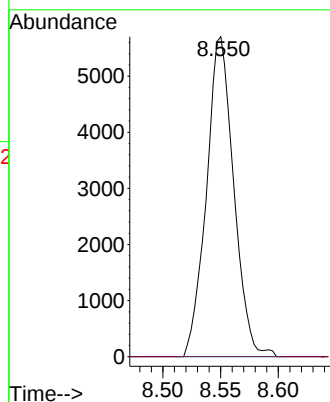
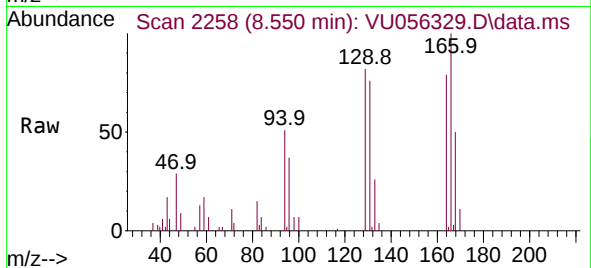
ClientSampleId :

Tgt Ion:129 Resp: 9387

Ion Ratio Lower Upper

129 100

127 0.0 52.9 98.3#



#61

1,2,3-Trichloropropane

Concen: 1.420 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056329.D

Acq: 15 Nov 2023 02:21

Tgt Ion: 75 Resp: 15399

Ion Ratio Lower Upper

75 100

110 2.8 30.4 45.6#

77 34.9 27.0 40.6

