

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056264.D
 Acq On : 13 Nov 2023 20:30
 Operator : MD/SY
 Sample : 05371-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN2DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 14 21:44:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	331255	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	330283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	149563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	70692	2.853	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	57.000%		
7) Chloroethane-d5	1.907	69	54131	2.849	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	57.000%#		
11) 1,1-Dichloroethene-d2	2.560	65	35135	3.213	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	64.200%		
20) 2-Butanone-d5	4.631	46	193663	39.199	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	78.400%		
24) Chloroform-d	5.055	84	168469	3.515	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	70.400%		
26) 1,2-Dichloroethane-d4	5.695	65	83855	3.787	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	75.800%		
32) Benzene-d6	5.721	84	329691	3.350	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	67.000%#		
36) 1,2-Dichloropropane-d6	6.685	67	106373	3.587	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	71.800%		
41) Toluene-d8	7.894	98	291111	3.350	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	67.000%#		
43) trans-1,3-Dichloroprop...	8.177	79	39836	3.502	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	70.000%		
46) 2-Hexanone-d5	8.643	63	164700	36.846	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery =	73.700%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	78274	3.694	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	73.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	101738	3.682	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	73.600%#		
Target Compounds						
3) Chloromethane	1.515	50	3518	0.131	ug/L	89
13) Acetone	2.640	43	43080	10.238	ug/L	95
16) Methylene chloride	3.039	84	17290	0.644	ug/L	95
17) Methyl tert-butyl Ether	3.364	73	7104	0.144	ug/L #	88
21) 2-Butanone	4.724	43	16479m	3.018	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	3798	0.161	ug/L	93
34) Trichloroethene	6.541	95	18749	0.730	ug/L	95
47) Tetrachloroethene	8.547	164	109893	6.347	ug/L	96

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

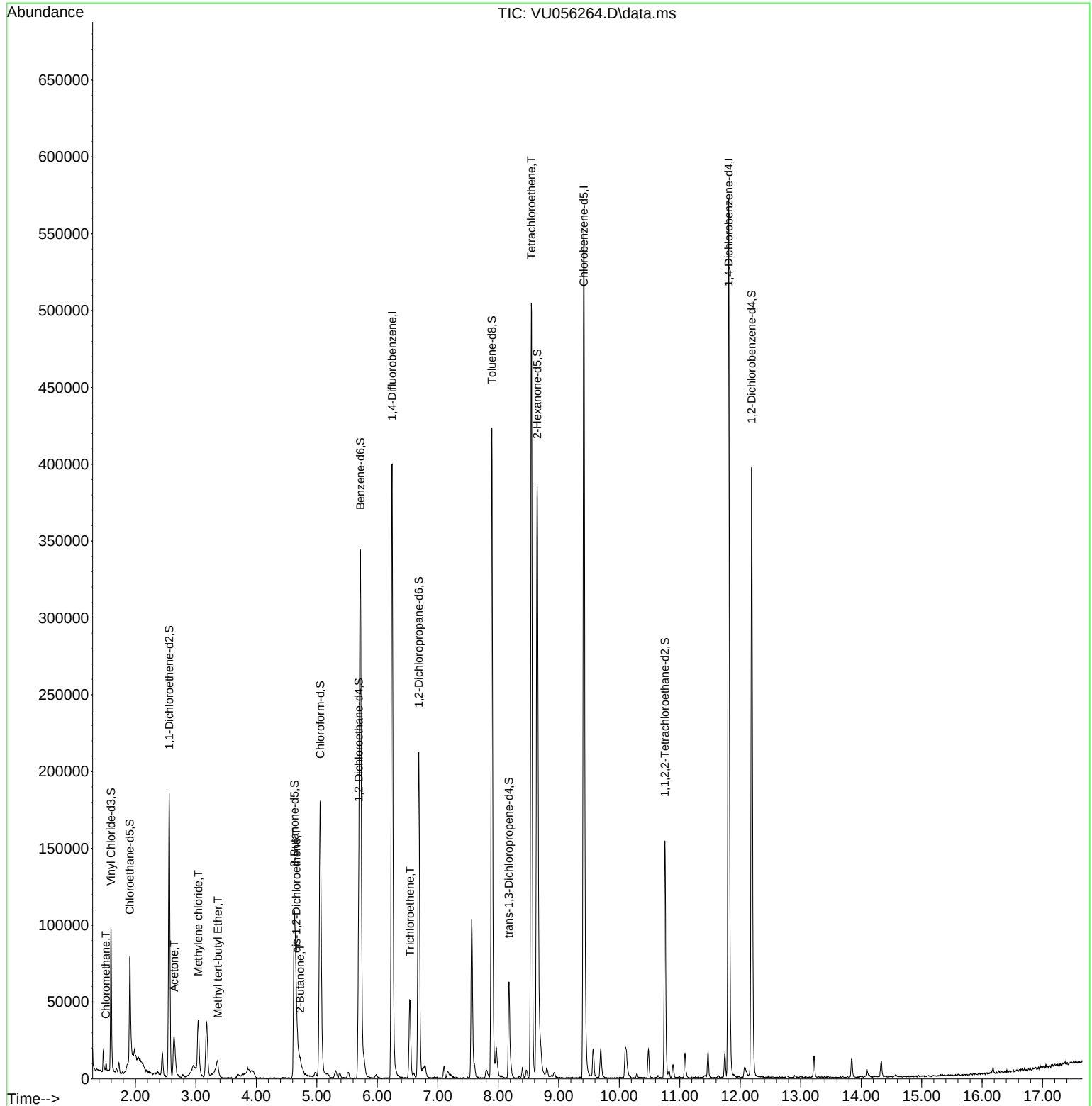
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
Data File : VU056264.D
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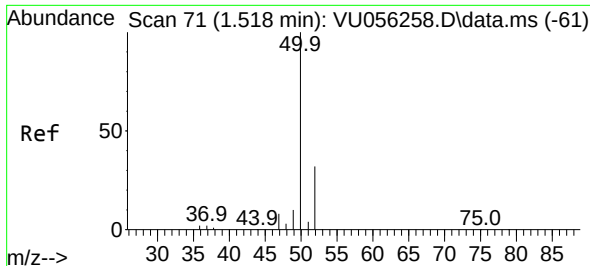
Instrument :
MSVOA_U
ClientSampleId :
GCDN2DL

Quant Time: Nov 14 21:44:44 2023
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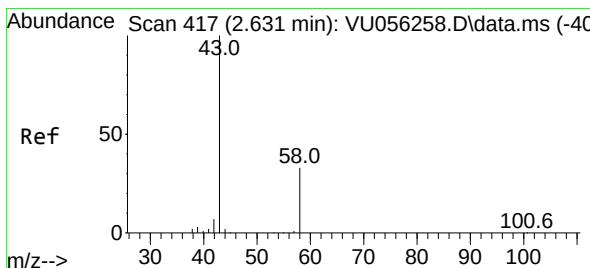
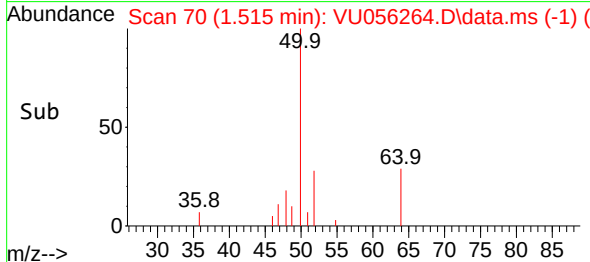
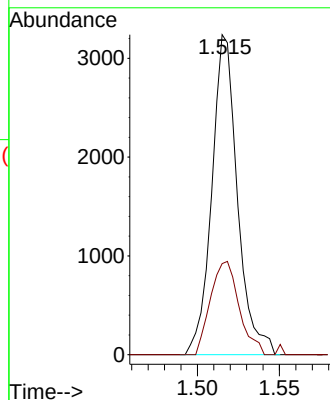
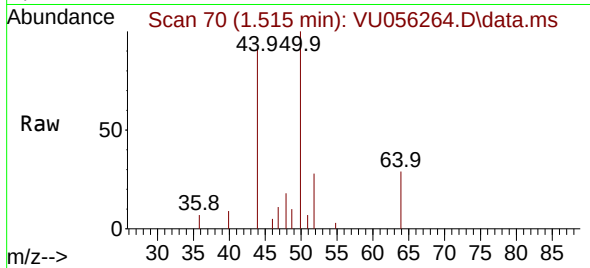
#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU056264.D
Acq: 13 Nov 2023 20:30

Instrument :
MSVOA_U
ClientSampleId :
GCDN2DL

Tgt Ion: 50 Resp: 3518
Ion Ratio Lower Upper
50 100
52 28.5 24.3 45.1

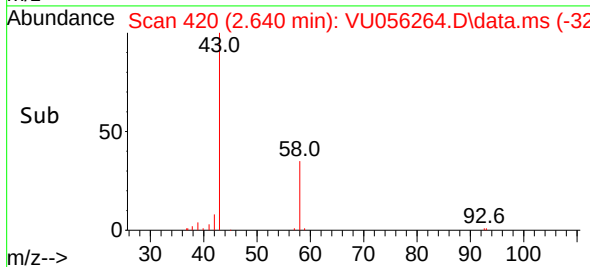
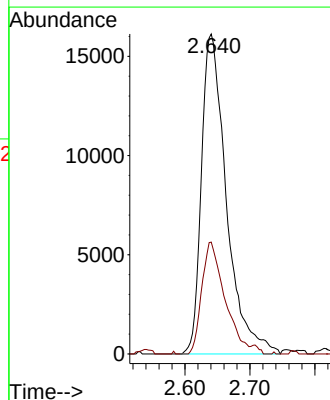
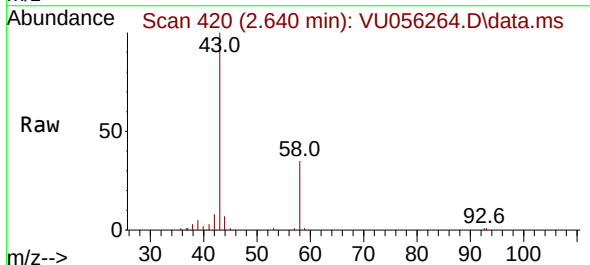
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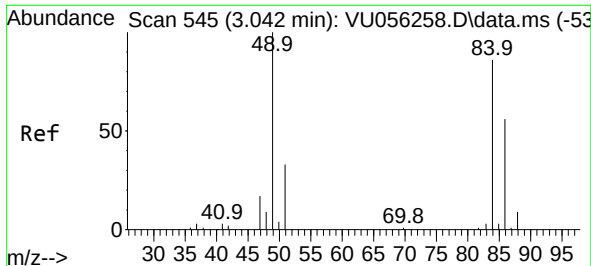
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#13
Acetone
Concen: 10.238 ug/L
RT: 2.640 min Scan# 420
Delta R.T. 0.010 min
Lab File: VU056264.D
Acq: 13 Nov 2023 20:30

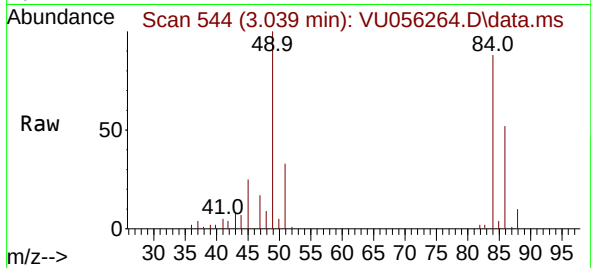
Tgt Ion: 43 Resp: 43080
Ion Ratio Lower Upper
43 100
58 32.4 0.0 70.0





#16
Methylene chloride
Concen: 0.644 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056264.D
Acq: 13 Nov 2023 20:30

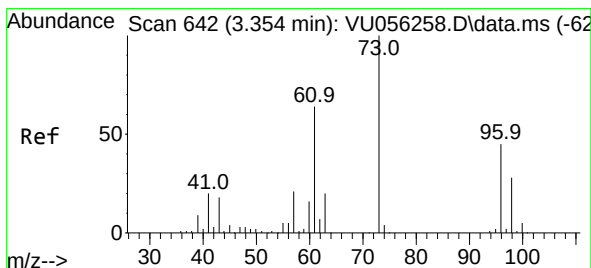
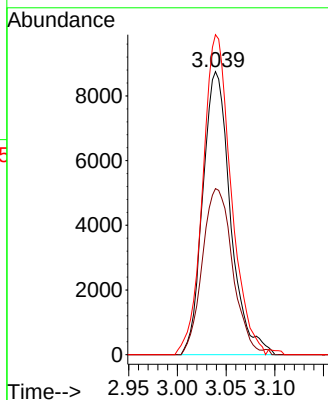
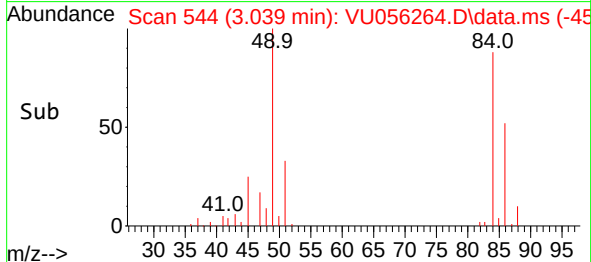
Instrument :
MSVOA_U
ClientSampleId :
GCDN2DL



Tgt Ion: 84 Resp: 17290
Ion Ratio Lower Upper
84 100
86 58.7 44.7 83.1
49 113.0 81.8 152.0

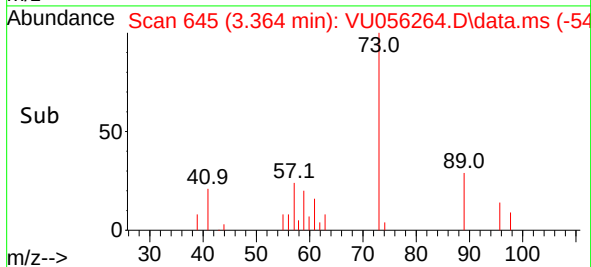
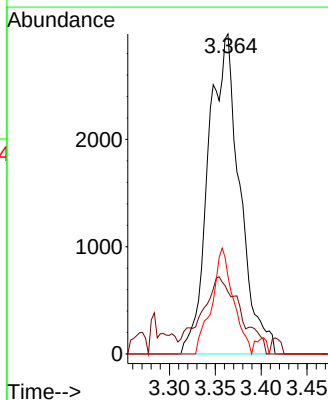
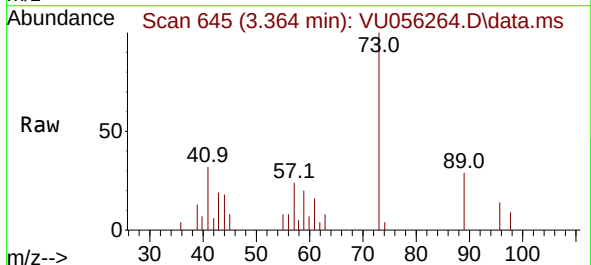
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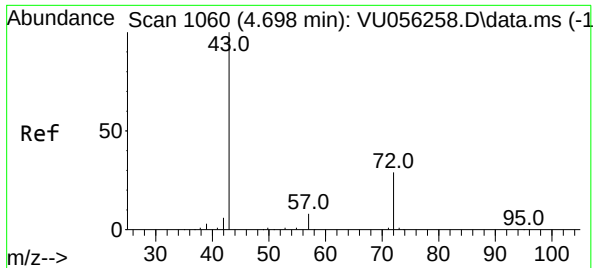
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#17
Methyl tert-butyl Ether
Concen: 0.144 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.010 min
Lab File: VU056264.D
Acq: 13 Nov 2023 20:30

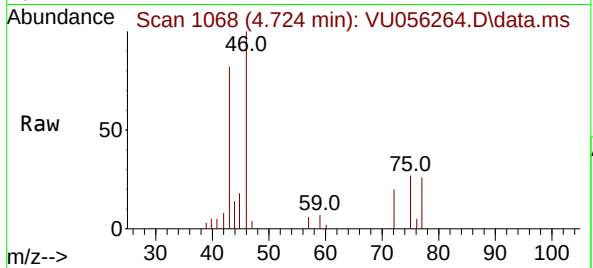
Tgt Ion: 73 Resp: 7104
Ion Ratio Lower Upper
73 100
43 30.5 15.1 22.7#
57 22.5 17.8 26.8





#21
2-Butanone
Concen: 3.018 ug/L m
RT: 4.724 min Scan# 1068
Delta R.T. 0.026 min
Lab File: VU056264.D
Acq: 13 Nov 2023 20:30

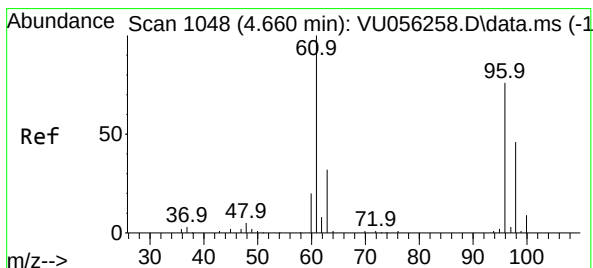
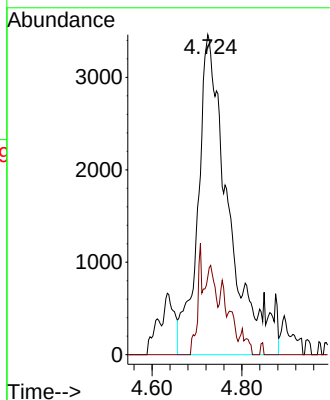
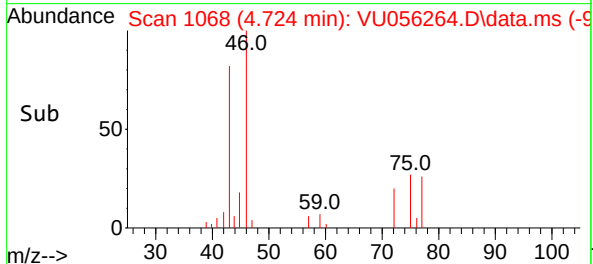
Instrument :
MSVOA_U
ClientSampleId :
GCDN2DL



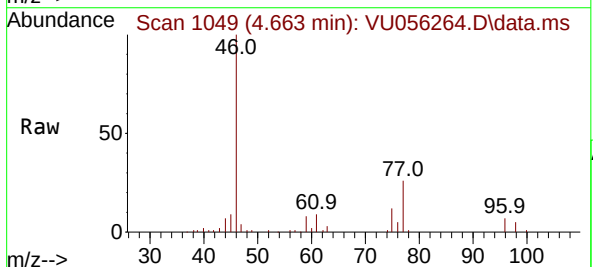
Tgt Ion: 43 Resp: 16479
Ion Ratio Lower Upper
43 100
72 5.6 14.2 42.6

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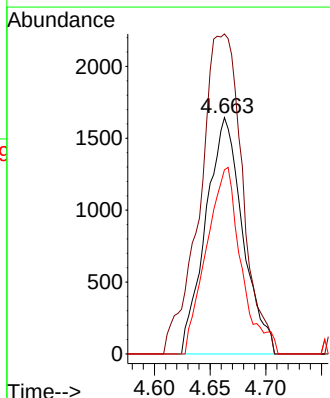
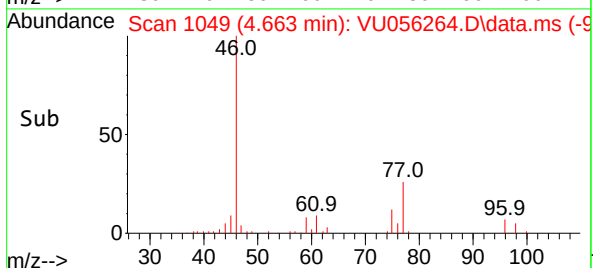
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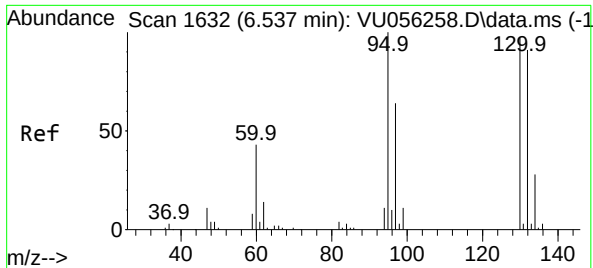


#22
cis-1,2-Dichloroethene
Concen: 0.161 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056264.D
Acq: 13 Nov 2023 20:30



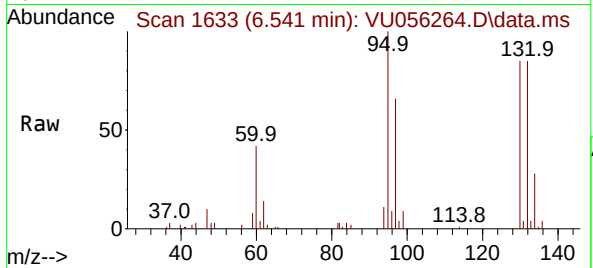
Tgt Ion: 96 Resp: 3798
Ion Ratio Lower Upper
96 100
61 135.4 93.2 173.2
98 77.9 44.8 83.2





#34
Trichloroethene
Concen: 0.730 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056264.D
Acq: 13 Nov 2023 20:30

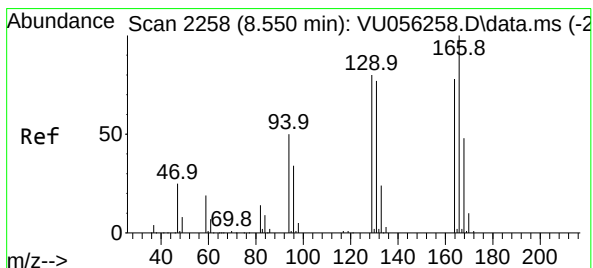
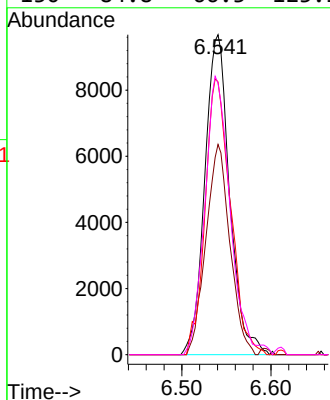
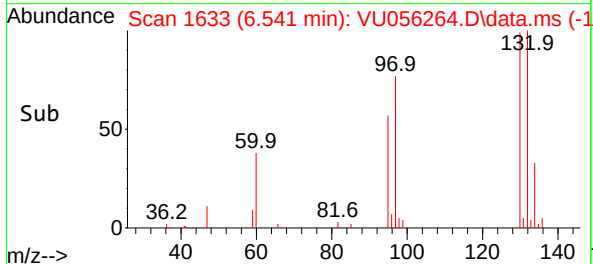
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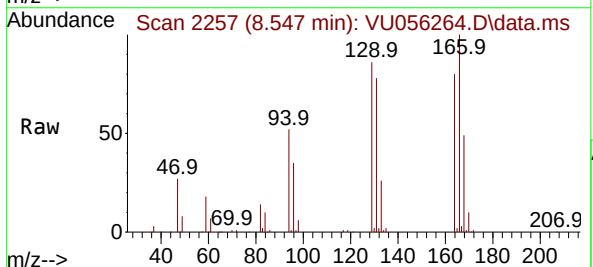
Tgt Ion: 95 Resp: 18749
Ion Ratio Lower Upper
95 100
97 65.7 46.5 86.3
132 85.2 62.0 115.2
130 84.8 66.3 123.1

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#47
Tetrachloroethene
Concen: 6.347 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056264.D
Acq: 13 Nov 2023 20:30



Tgt Ion:164 Resp: 109893
Ion Ratio Lower Upper
164 100
129 106.5 71.0 131.9
131 97.2 70.3 130.7
166 124.4 89.8 166.8

