

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050962.D
 Acq On : 27 Sep 2022 17:19
 Operator : JC/MD
 Sample : N4854-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J25

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 02:03:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	1955	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.420	117	4940	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	5226	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	515	25.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.860%#
7) Chloroethane-d5	1.912	69	313	21.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.400%#
11) 1,1-Dichloroethene-d2	2.568	63	852	27.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.060%#
21) 2-Butanone-d5	4.668	46	122m	9.330	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	9.330%#
24) Chloroform-d	5.076	84	1102m	34.717	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.440%#
26) 1,2-Dichloroethane-d4	5.700	65	2067	105.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	211.320%#
32) Benzene-d6	5.729	84	2050	12.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	25.200%#
36) 1,2-Dichloropropane-d6	6.690	67	676m	12.308	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	24.620%#
41) Toluene-d8	7.903	98	2896	20.361	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	40.720%#
43) trans-1,3-Dichloroprop...	8.185	79	486	20.341	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.680%#
47) 2-Hexanone-d5	8.645	63	1405m	62.075	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	62.080%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	2391	28.554	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	57.100%#
66) 1,2-Dichlorobenzene-d4	12.198	152	4151	37.937	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.880%#
Target Compounds						
					Qvalue	
13) Acetone	2.629	43	1118m	100.971	ug/L	
16) Methylene chloride	3.047	84	705m	33.782	ug/L	
17) trans-1,2-Dichloroethene	3.366	96	576	37.391	ug/L	70
18) Methyl tert-butyl Ether	3.366	73	14581	310.489	ug/L	# 92
25) Chloroform	5.089	83	3487	112.408	ug/L	82
34) Trichloroethene	6.542	95	3073	72.769	ug/L	88
38) Bromodichloromethane	7.108	83	2358m	39.783	ug/L	
46) Tetrachloroethene	8.552	164	1768641	58280.723	ug/L	99

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

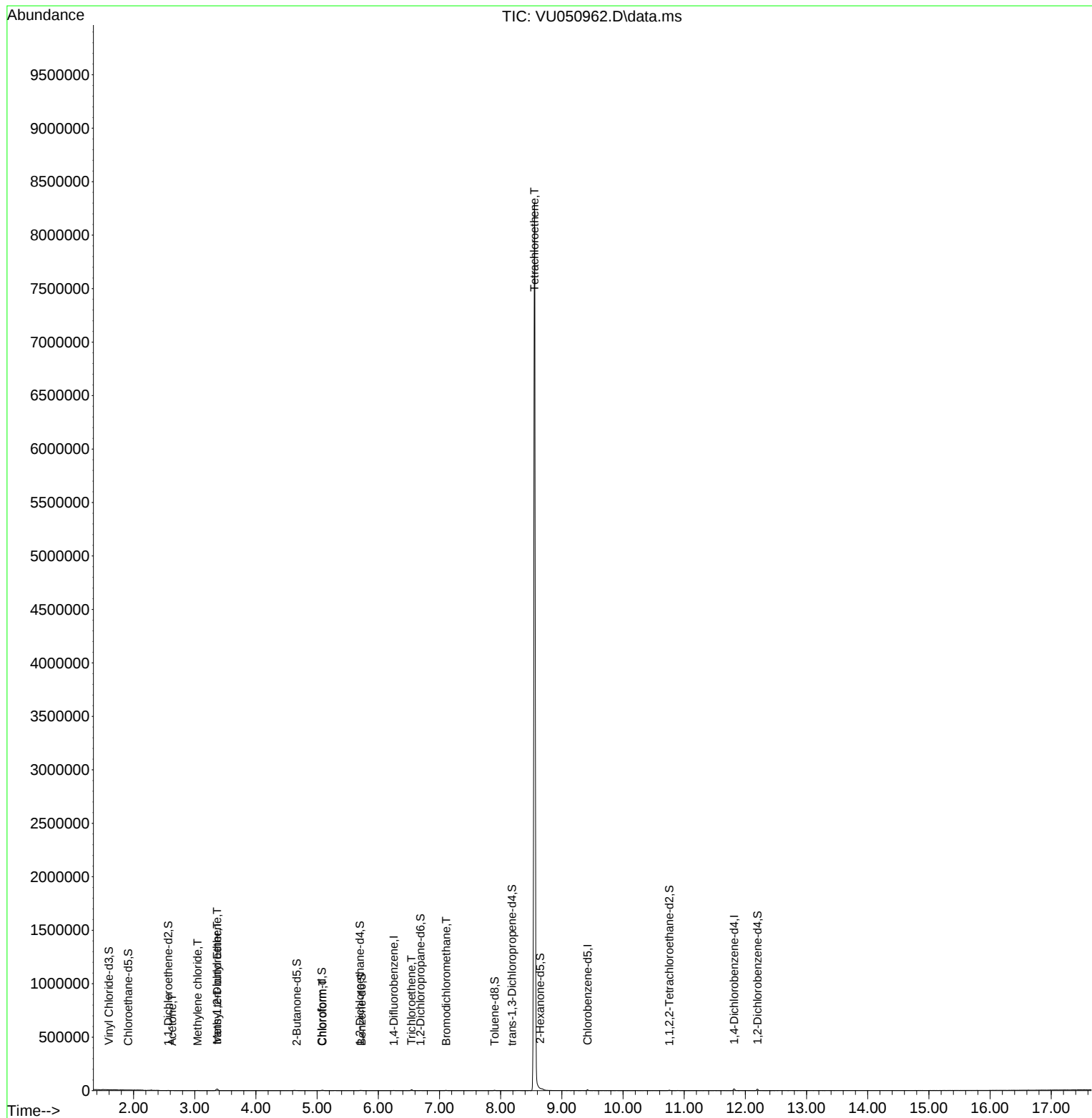
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
Data File : VU050962.D
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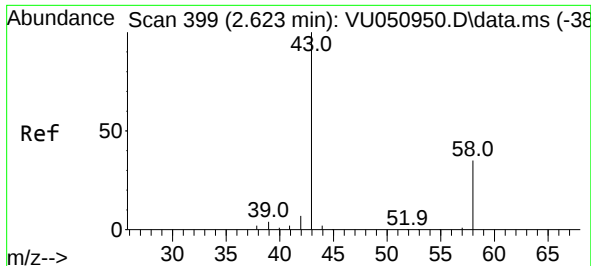
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Sep 28 02:03:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
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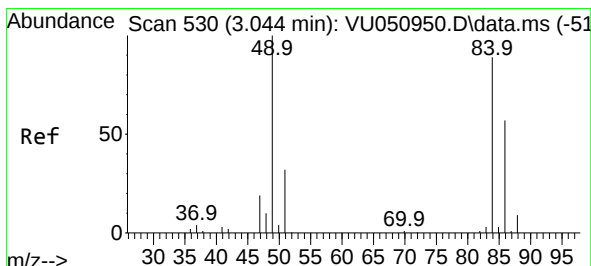
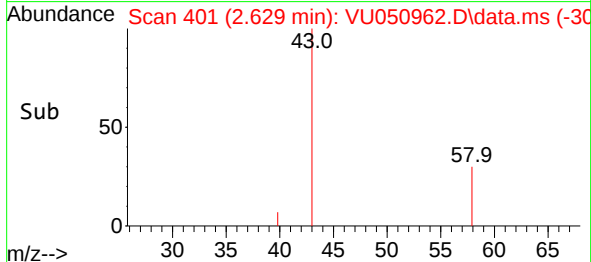
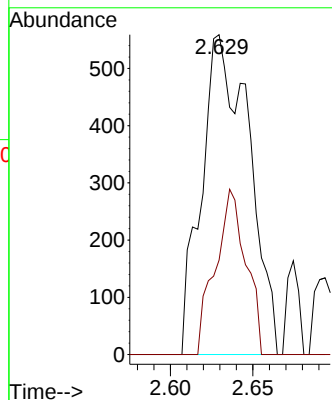
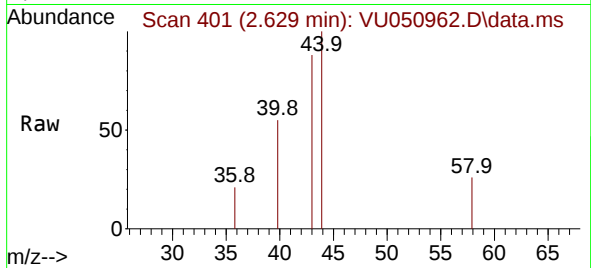
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Acetone
Concen: 100.971 ug/L m
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
F5J25

Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
58 33.3 0.0 71.4

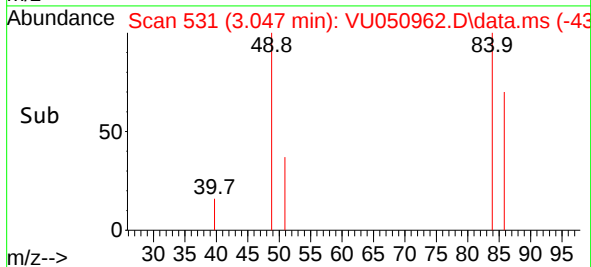
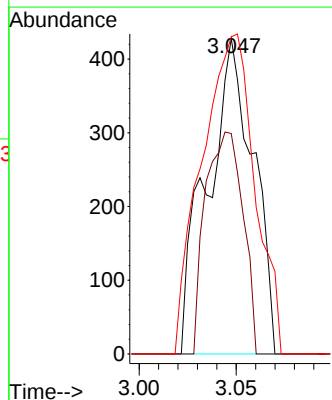
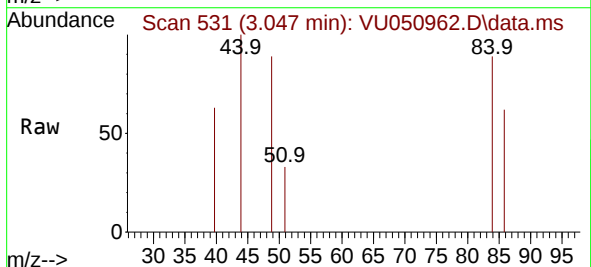
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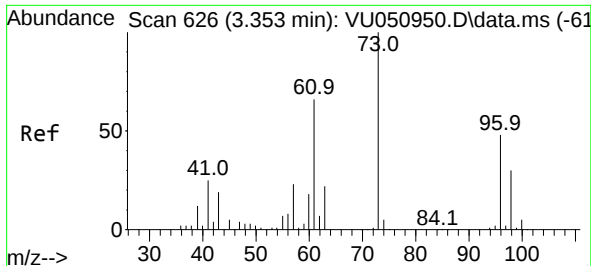
Reviewed By :Krupa Patel 09/28/2022
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#16
Methylene chloride
Concen: 33.782 ug/L m
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

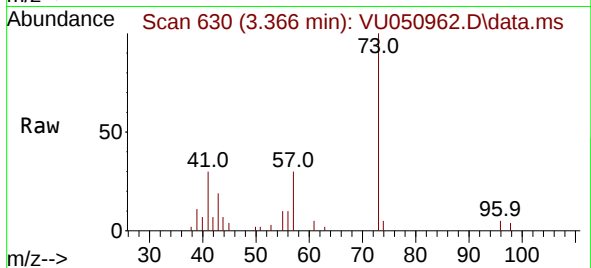
Tgt Ion: 84 Resp: 705
Ion Ratio Lower Upper
84 100
86 69.9 44.4 82.5
49 100.5 83.3 154.7





#17
trans-1,2-Dichloroethene
Concen: 37.391 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

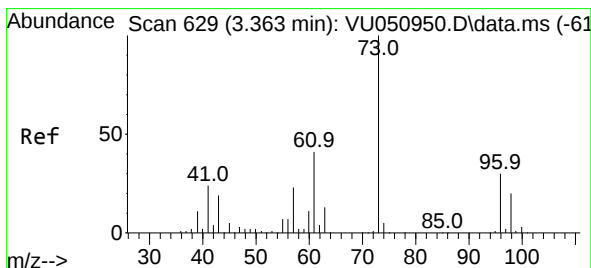
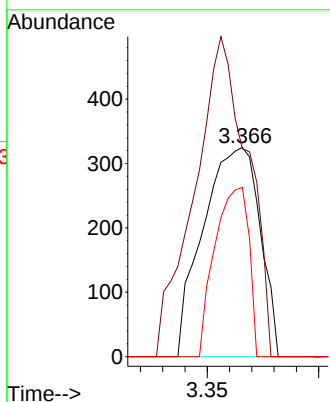
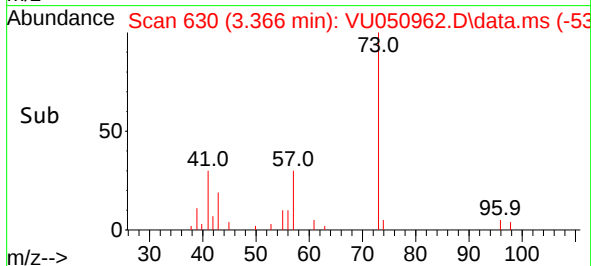
Instrument :
MSVOA_U
ClientSampleId :
F5J25



Tgt Ion: 96 Resp: 570
Ion Ratio Lower Upper
96 100
61 99.4 98.0 182.0
98 80.9 44.3 82.3

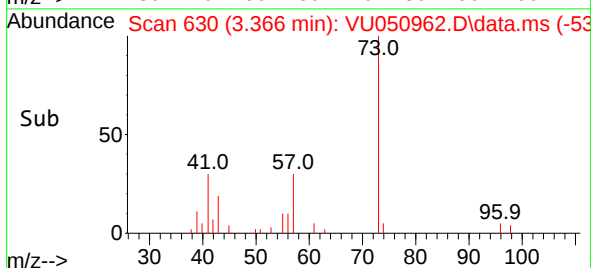
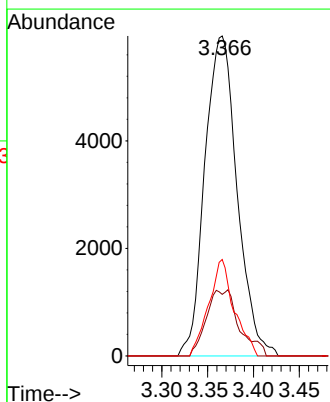
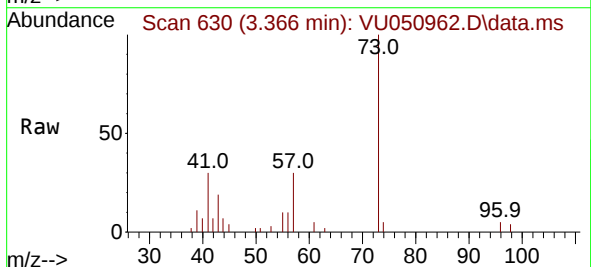
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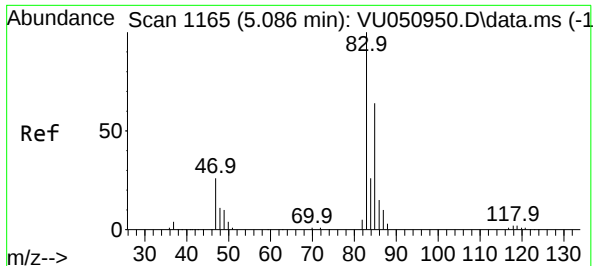
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#18
Methyl tert-butyl Ether
Concen: 310.489 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion: 73 Resp: 14581
Ion Ratio Lower Upper
73 100
43 10.6 14.4 21.6#
57 23.7 18.6 27.8





#25

Chloroform

Concen: 112.408 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050962.D

Acq: 27 Sep 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

F5J25

Tgt Ion: 83 Resp: 348

Ion Ratio Lower Upper

83 100

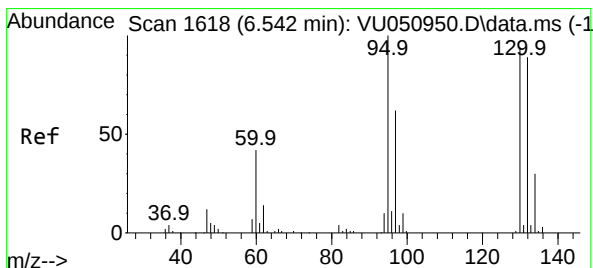
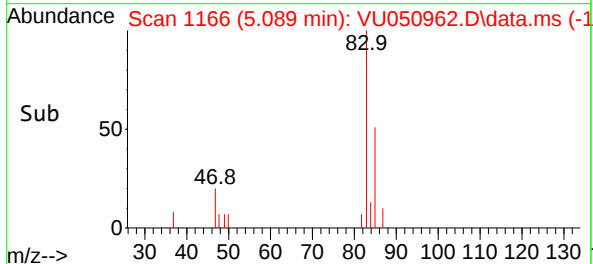
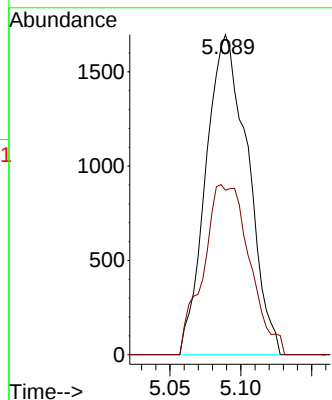
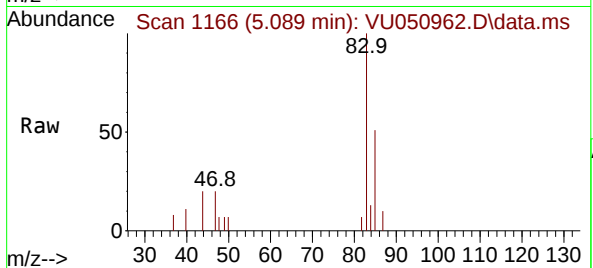
85 51.4 45.7 84.9

Manual Integrations

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#34

Trichloroethene

Concen: 72.769 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050962.D

Acq: 27 Sep 2022 17:19

Tgt Ion: 95 Resp: 3073

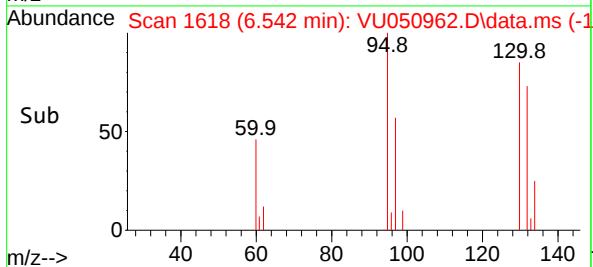
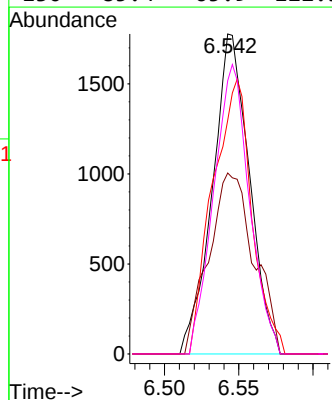
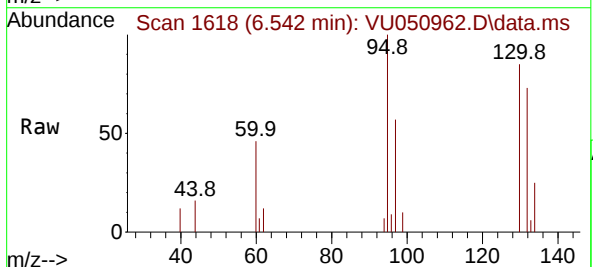
Ion Ratio Lower Upper

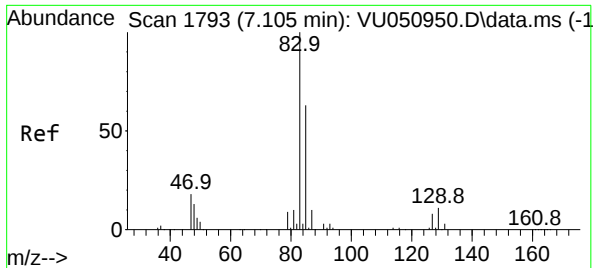
95 100

97 56.6 43.9 81.5

132 73.0 63.1 117.1

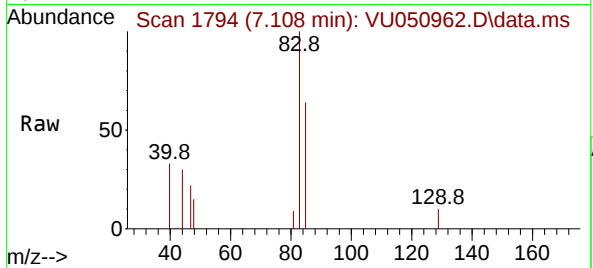
130 85.4 65.9 122.3





#38
Bromodichloromethane
Concen: 39.783 ug/L m
RT: 7.108 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

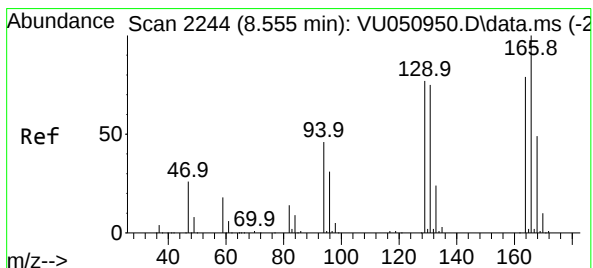
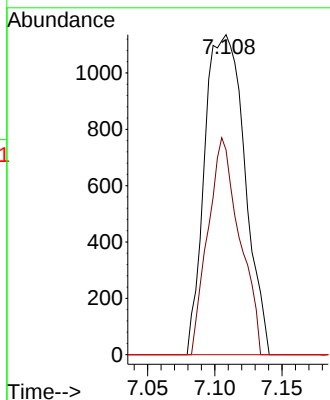
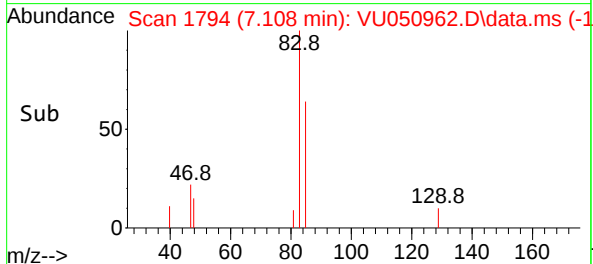
Instrument :
MSVOA_U
ClientSampleId :
F5J25



Tgt Ion: 83 Resp: 235
Ion Ratio Lower Upper
83 100
85 64.0 44.3 82.3
127 0.0 6.4 9.6

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Supervised By :Mahesh Dadoda 09/28/2022



#46
Tetrachloroethene
Concen: 58280.723 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050962.D
Acq: 27 Sep 2022 17:19

Tgt Ion:164 Resp: 1768641
Ion Ratio Lower Upper
164 100
129 99.5 68.5 127.3
131 95.1 66.1 122.7
166 126.5 88.8 164.8

