

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056818.D
 Acq On : 13 Dec 2023 05:25
 Operator : MD/SY
 Sample : 05684-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06H8

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2023
 Supervised By : Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 06:09:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235603	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	139803	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88223	4.369	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	87.400%		
7) Chloroethane-d5	1.907	69	76236	5.045	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	100.800%		
11) 1,1-Dichloroethene-d2	2.563	65	39739	4.599	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	92.000%		
20) 2-Butanone-d5	4.615	46	201119	50.428	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	100.860%		
24) Chloroform-d	5.055	84	189855	4.965	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.200%		
26) 1,2-Dichloroethane-d4	5.695	65	94097	5.200	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	104.000%		
32) Benzene-d6	5.721	84	368078	4.919	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.400%		
36) 1,2-Dichloropropane-d6	6.685	67	115669	4.939	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.800%		
41) Toluene-d8	7.891	98	304166	4.548	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.000%		
43) trans-1,3-Dichloroprop...	8.177	79	40810	4.493	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.800%		
46) 2-Hexanone-d5	8.627	63	177940	51.942	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	103.880%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85442	5.042	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	100.800%		
66) 1,2-Dichlorobenzene-d4	12.193	152	132745	4.830	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	96.600%		
Target Compounds						
13) Acetone	2.618	43	237686	97.793	ug/L	99
21) 2-Butanone	4.717	43	9959	2.430	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	22598	1.071	ug/L	99
33) Benzene	5.769	78	13153	0.155	ug/L	100
34) Trichloroethene	6.537	95	59002	2.537	ug/L	97
47) Tetrachloroethene	8.550	164	25944	1.594	ug/L	97
51) Chlorobenzene	9.441	112	5679550	101.575	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	11332394	216.887	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	21478691m	417.477	ug/L	
67) 1,2-Dichlorobenzene	12.206	146	21366125m	448.881	ug/L	

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

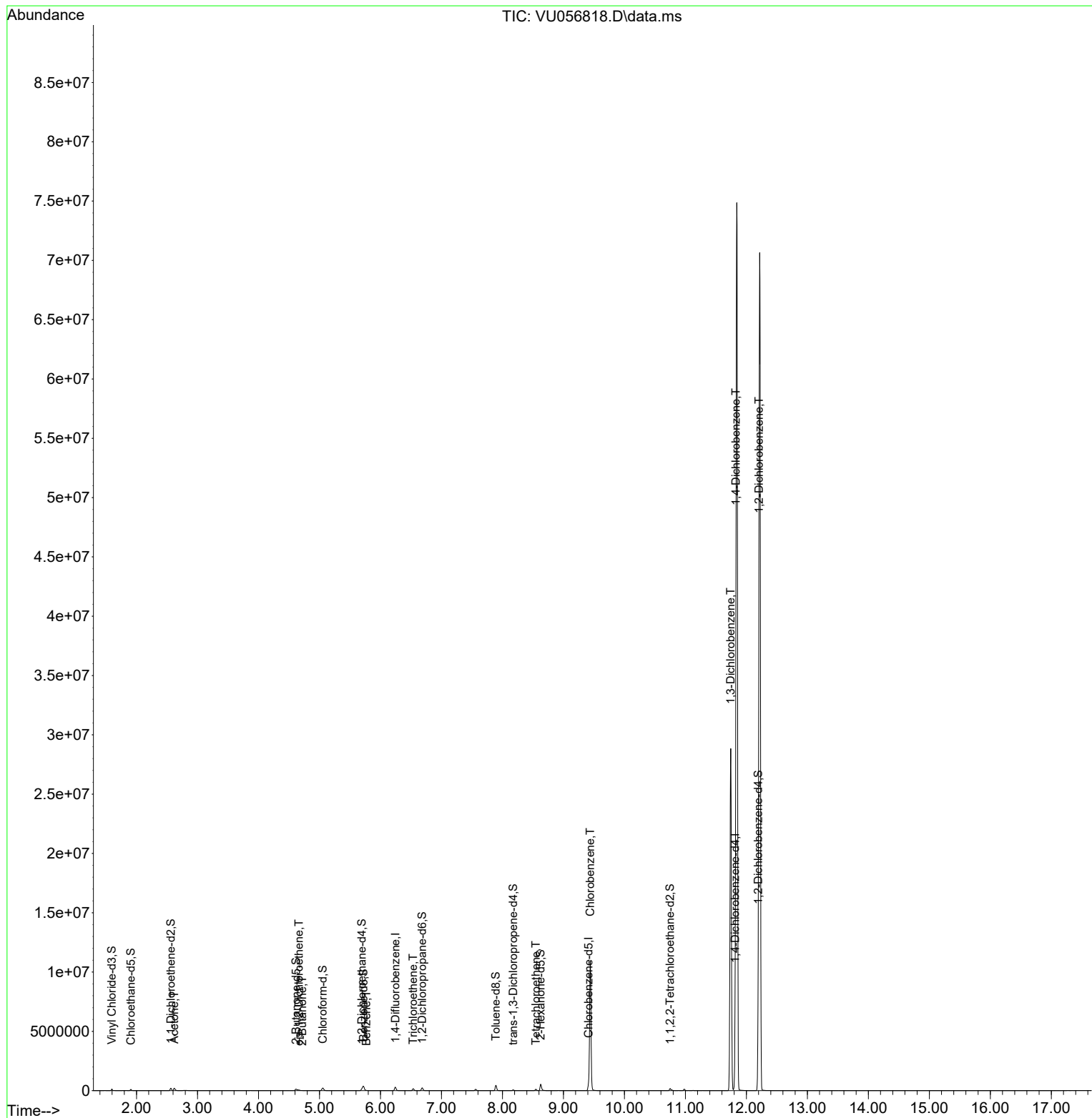
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
Data File : VU056818.D
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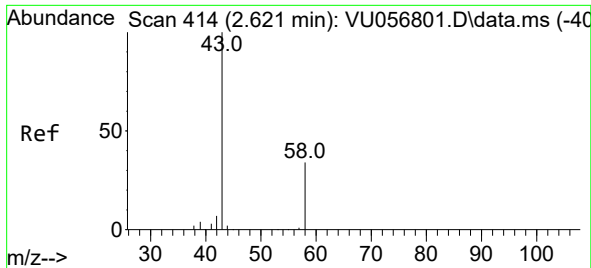
Instrument :
MSVOA_U
ClientSampleId :
E06H8

Quant Time: Dec 13 06:09:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
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#13

Acetone

Concen: 97.793 ug/L

RT: 2.618 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056818.D

Acq: 13 Dec 2023 05:25

Instrument :

MSVOA_U

ClientSampleId :

E06H8

Tgt Ion: 43 Resp: 23768

Ion Ratio Lower Upper

43 100

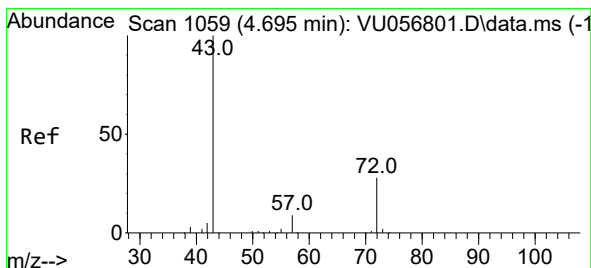
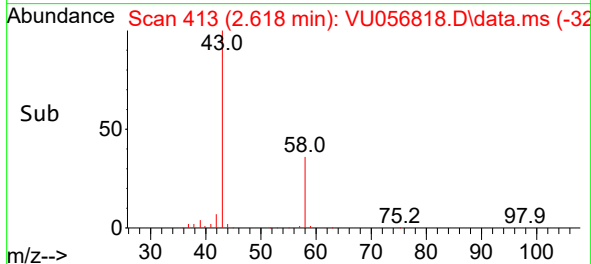
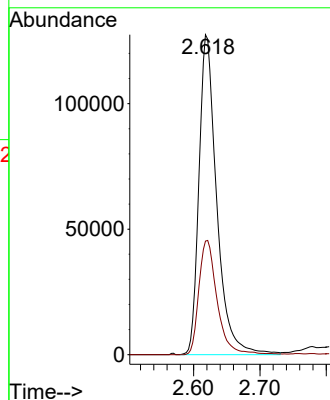
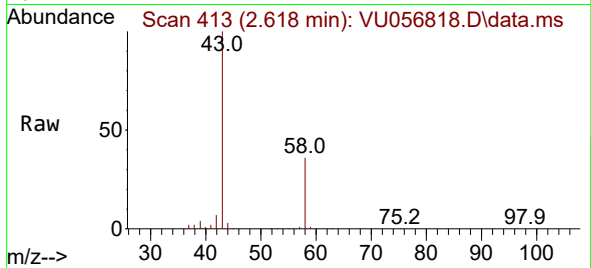
58 36.9 0.0 72.6

Manual Integrations

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#21

2-Butanone

Concen: 2.430 ug/L

RT: 4.717 min Scan# 1066

Delta R.T. 0.022 min

Lab File: VU056818.D

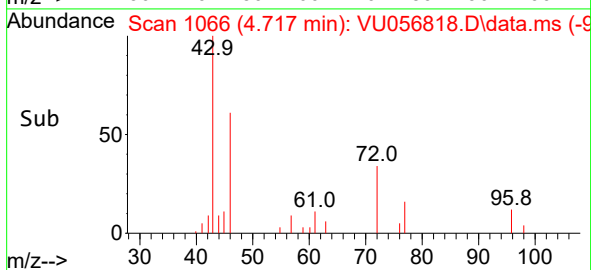
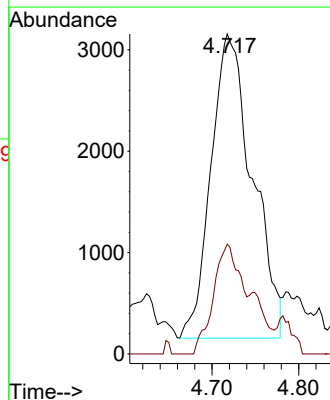
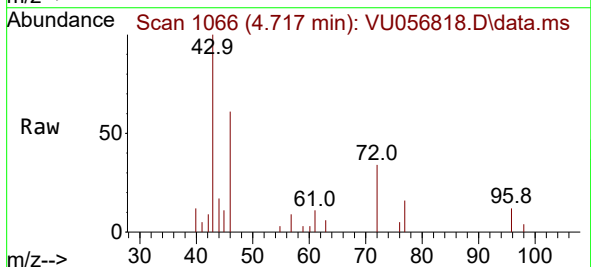
Acq: 13 Dec 2023 05:25

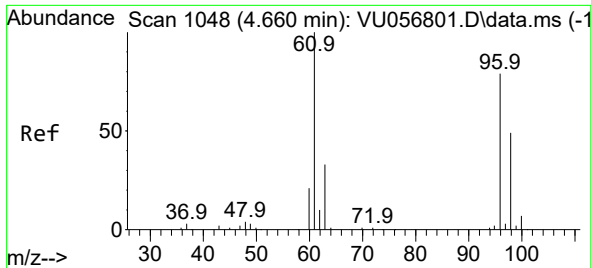
Tgt Ion: 43 Resp: 9959

Ion Ratio Lower Upper

43 100

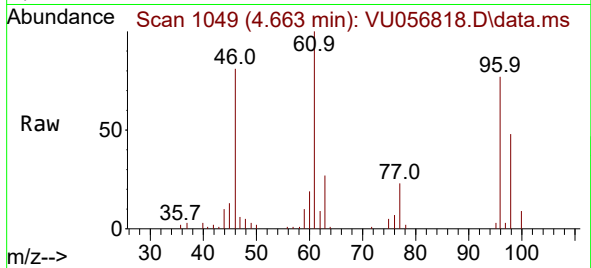
72 23.8 14.6 43.8





#22
cis-1,2-Dichloroethene
Concen: 1.071 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

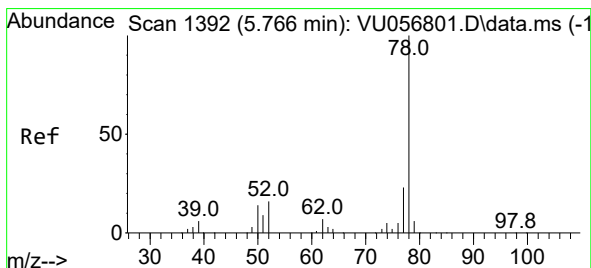
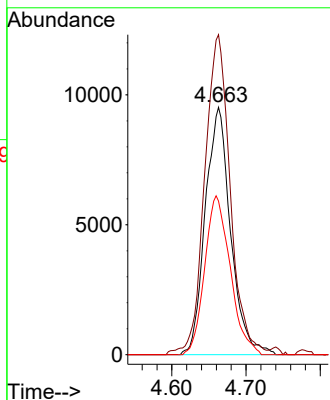
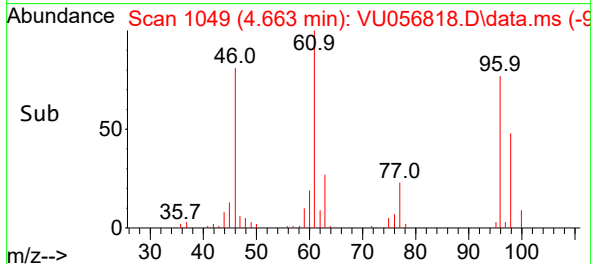
Instrument :
MSVOA_U
ClientSampleId :
E06H8



Tgt Ion: 96 Resp: 22598
Ion Ratio Lower Upper
96 100
61 129.3 91.3 169.6
98 62.1 44.2 82.0

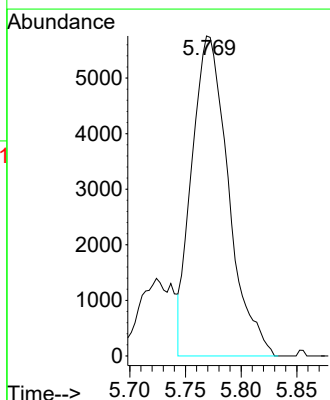
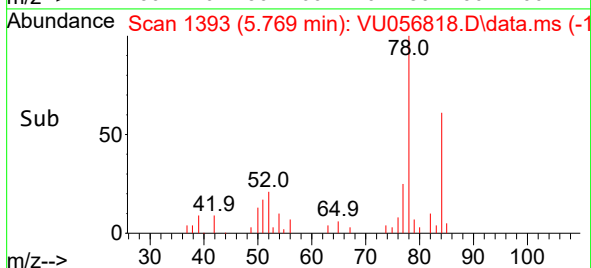
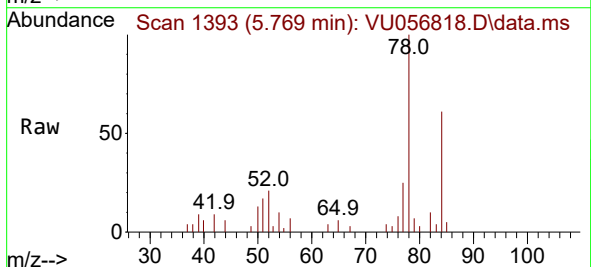
Manual Integrations
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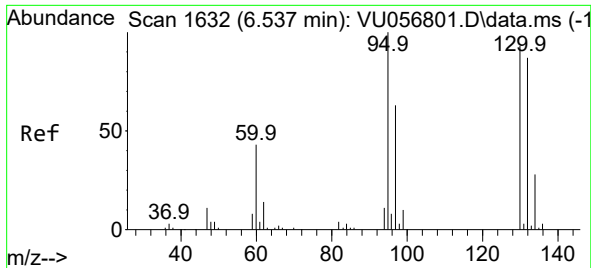
Reviewed By :Semsettin Yesilyurt 12/16/2023
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#33
Benzene
Concen: 0.155 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

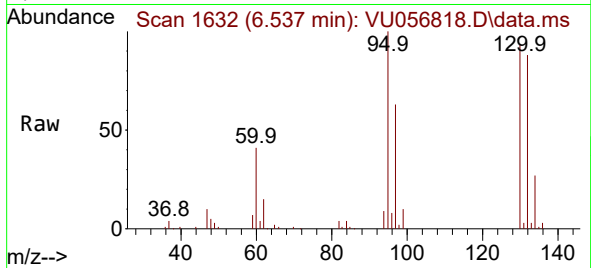
Tgt Ion: 78 Resp: 13153





#34
Trichloroethene
Concen: 2.537 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

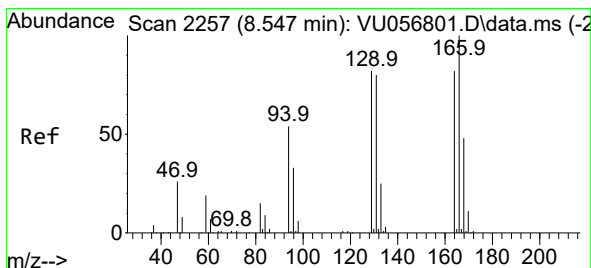
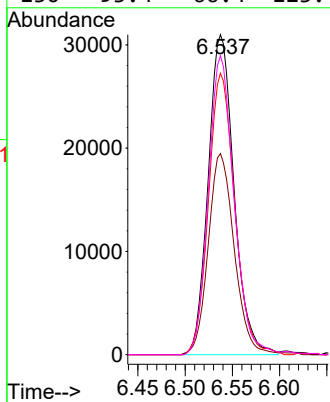
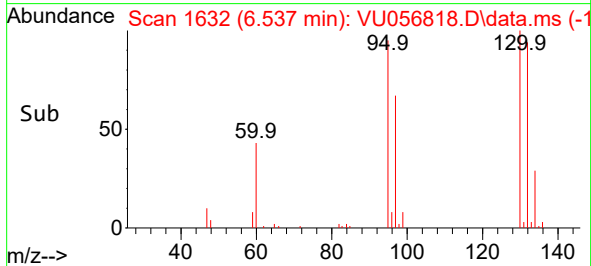
Instrument :
MSVOA_U
ClientSampleId :
E06H8



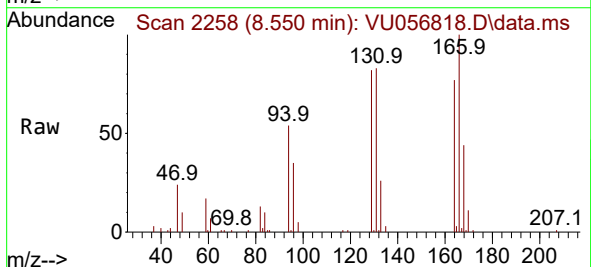
Tgt Ion: 95 Resp: 5900
Ion Ratio Lower Upper
95 100
97 62.8 46.1 85.5
132 88.0 63.6 118.0
130 93.4 66.4 123.4

Manual Integrations
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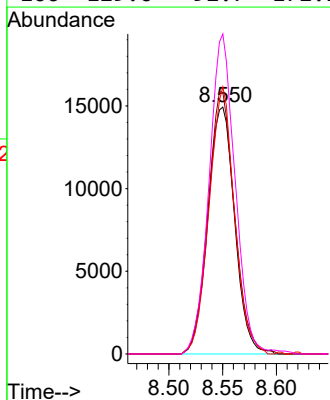
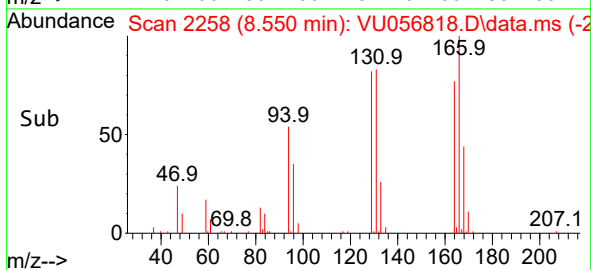
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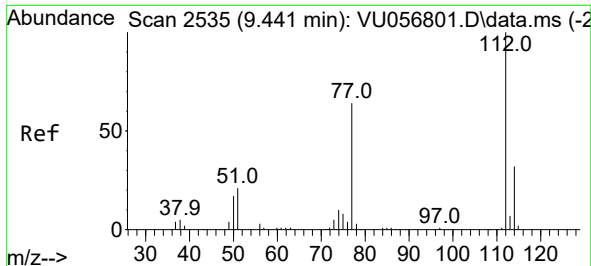


#47
Tetrachloroethene
Concen: 1.594 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25



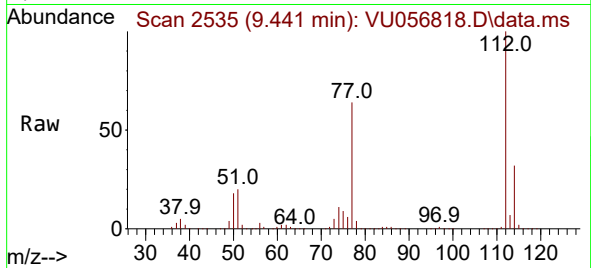
Tgt Ion:164 Resp: 25944
Ion Ratio Lower Upper
164 100
129 105.9 73.4 136.4
131 108.1 71.5 132.9
166 129.6 92.7 172.1





#51
Chlorobenzene
Concen: 101.575 ug/L
RT: 9.441 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

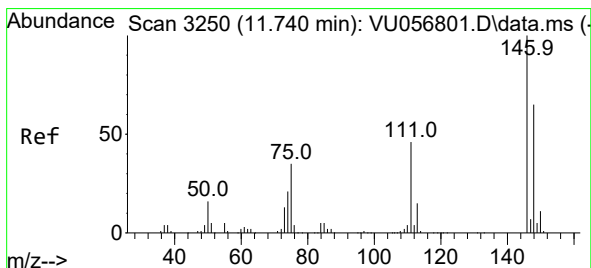
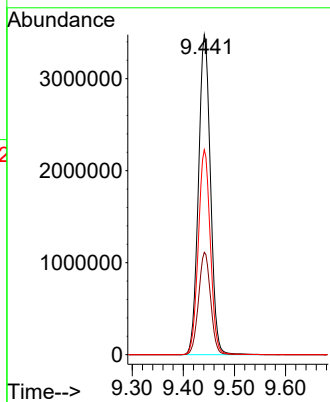
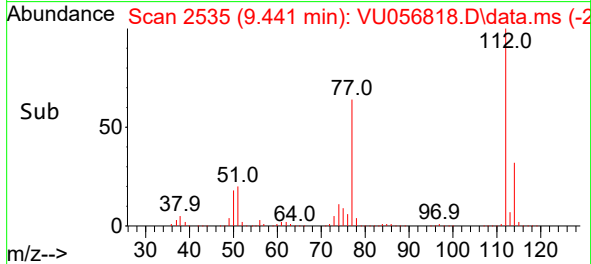
Instrument :
MSVOA_U
ClientSampleId :
E06H8



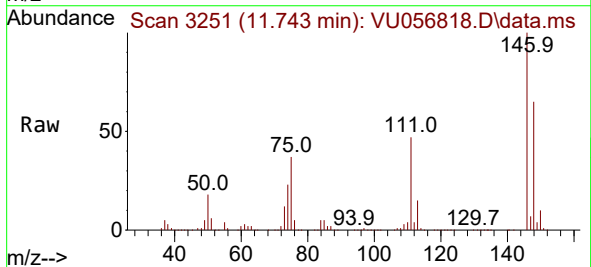
Tgt Ion:112 Resp: 5679550
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 64.1 51.6 77.4

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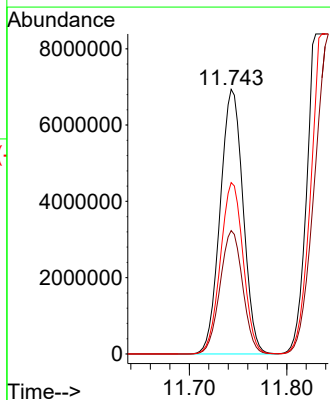
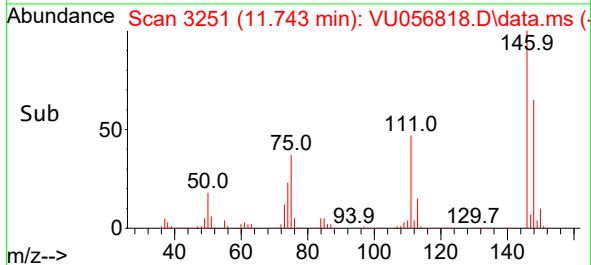
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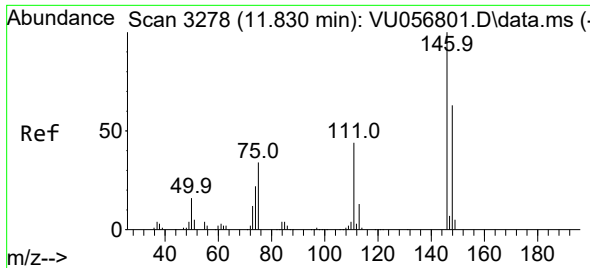


#64
1,3-Dichlorobenzene
Concen: 216.887 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25



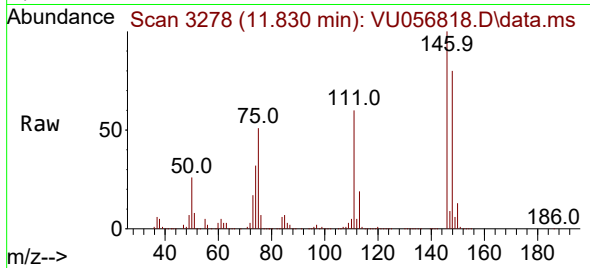
Tgt Ion:146 Resp:11332394
Ion Ratio Lower Upper
146 100
111 46.6 31.7 58.9
148 64.8 44.3 82.3





#65
1,4-Dichlorobenzene
Concen: 417.477 ug/L m
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25

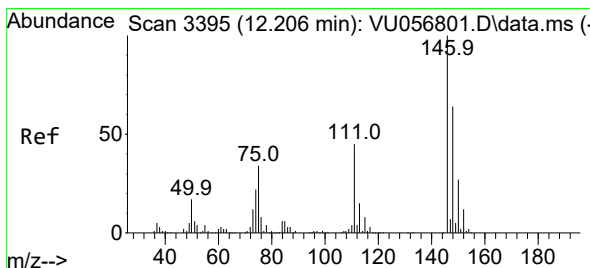
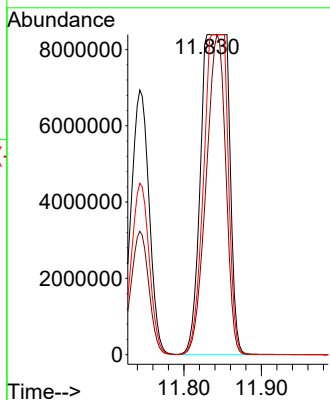
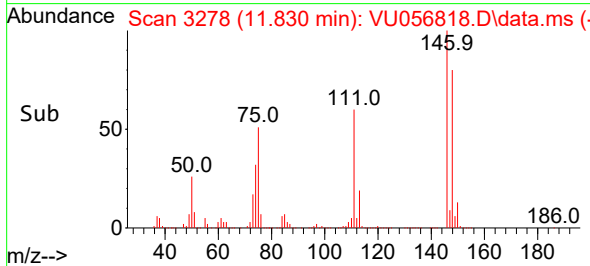
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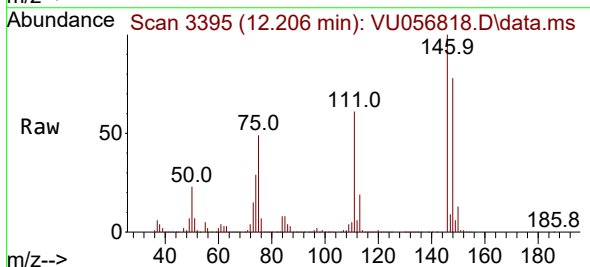
Tgt Ion:146 Resp:2147869
Ion Ratio Lower Upper
146 100
111 59.5 31.2 58.0
148 80.4 45.6 84.8

Manual Integrations
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#67
1,2-Dichlorobenzene
Concen: 448.881 ug/L m
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU056818.D
Acq: 13 Dec 2023 05:25



Tgt Ion:146 Resp:21366125
Ion Ratio Lower Upper
146 100
111 61.2 36.9 55.3
148 78.4 53.0 79.4

