

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057535.D
 Acq On : 15 Jan 2024 17:25
 Operator : MD/SY
 Sample : P1062-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH273

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/17/2024
 Supervised By :Semsettin Yesilyurt 01/17/2024

Quant Time: Jan 16 00:37:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.242	114	150261	5.000 ug/L	0.00
28) Chlorobenzene-d5	9.412	117	141426	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49183	5.000 ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.589	65	81007	5.313 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 106.200%
7) Chloroethane-d5	1.904	69	83113	7.006 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 140.200%#
11) 1,1-Dichloroethene-d2	2.554	65	28257	4.383 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 87.600%
20) 2-Butanone-d5	4.727	46	181212	62.841 ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	= 125.680%
24) Chloroform-d	5.055	84	190693	7.240 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 144.800%#
26) 1,2-Dichloroethane-d4	5.698	65	103629	8.169 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 163.400%#
32) Benzene-d6	5.718	84	296226	5.743 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 114.800%
36) 1,2-Dichloropropane-d6	6.682	67	116023	7.215 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 144.200%#
41) Toluene-d8	7.894	98	175951	4.041 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 80.800%
43) trans-1,3-Dichloroprop...	8.177	79	30544	5.463 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 109.200%
46) 2-Hexanone-d5	8.640	63	151148	74.663 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 149.320%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82261	7.572 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 151.400%#
66) 1,2-Dichlorobenzene-d4	12.187	152	62028	6.280 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 125.600%#

Target Compounds

					Qvalue
5) Vinyl chloride	1.596	62	13364	1.179 ug/L #	8
12) 1,1-Dichloroethene	2.570	96	118166	13.460 ug/L #	73
13) Acetone	2.811	43	22134m	12.768 ug/L	
14) Carbon disulfide	2.779	76	32061	1.307 ug/L	100
15) Methyl Acetate	2.998	43	62391	15.920 ug/L	96
16) Methylene chloride	3.033	84	7801	0.657 ug/L	89
17) Methyl tert-butyl Ether	3.370	73	5438	0.250 ug/L	97
19) 1,1-Dichloroethane	3.856	63	519508	26.422 ug/L	99
21) 2-Butanone	4.808	43	33995m	13.863 ug/L	
22) cis-1,2-Dichloroethene	4.660	96	12762	1.258 ug/L	89
27) 1,2-Dichloroethane	5.795	62	9705	0.790 ug/L	98
33) Benzene	5.766	78	27001	0.650 ug/L	100
34) Trichloroethene	6.538	95	8106	0.743 ug/L	88
37) 1,2-Dichloropropane	6.788	63	5595	0.475 ug/L #	94
42) Toluene	7.972	91	7733	0.189 ug/L	89

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

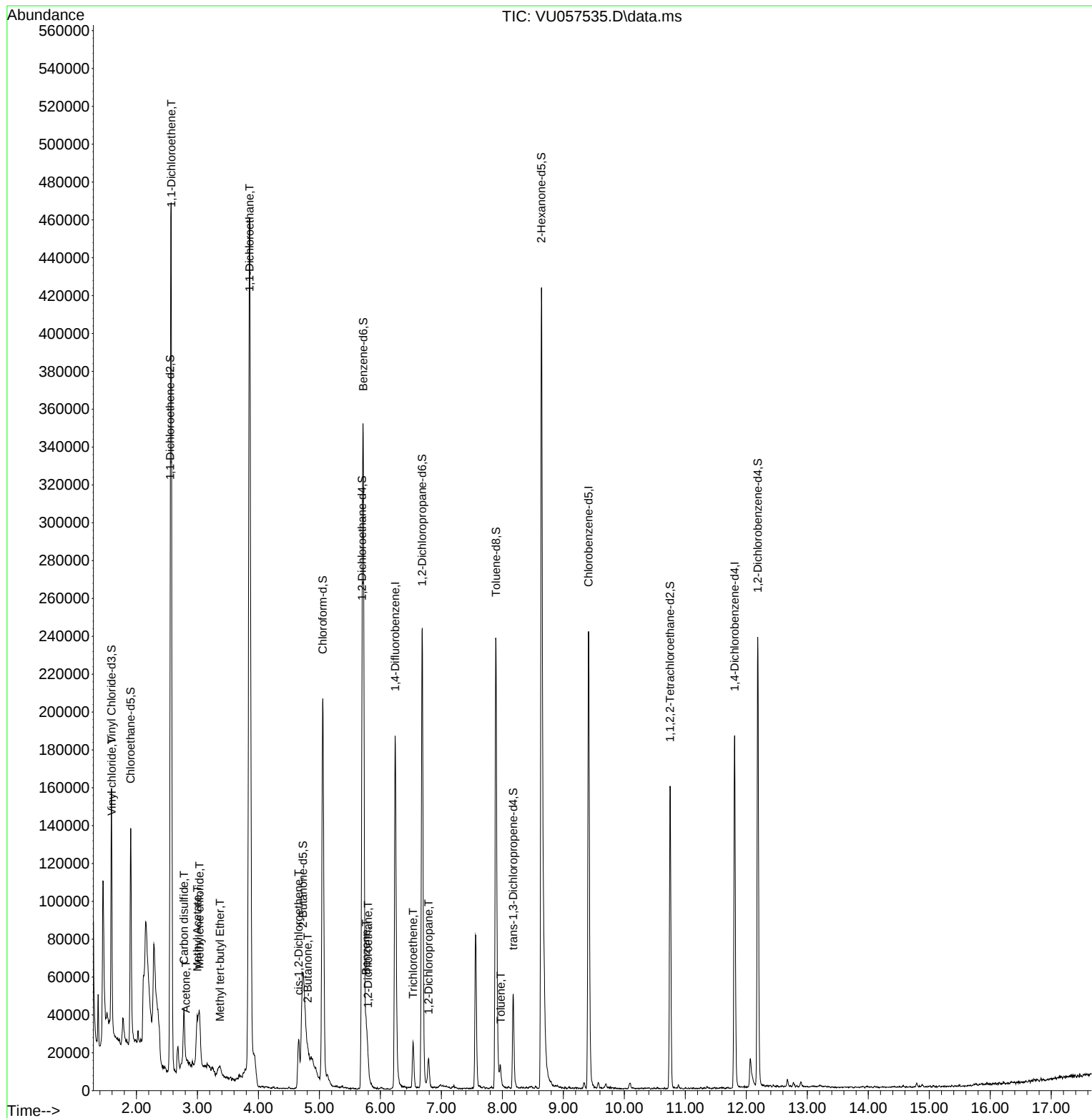
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
Data File : VU057535.D
Acq On : 15 Jan 2024 17:25
Operator : MD/SY
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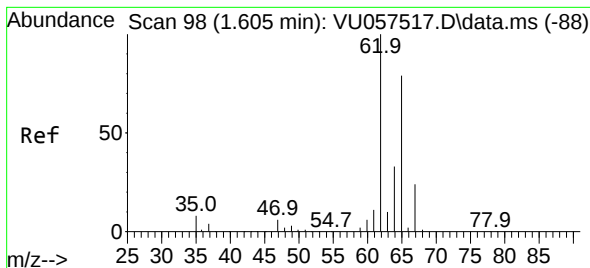
Instrument :
MSVOA_U
ClientSampleId :
BH273

Quant Time: Jan 16 00:37:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 00:31:32 2024
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#5

Vinyl chloride

Concen: 1.179 ug/L

RT: 1.596 min Scan# 91

Delta R.T. -0.009 min

Lab File: VU057535.D

Acq: 15 Jan 2024 17:25

Instrument :

MSVOA_U

ClientSampleId :

BH273

Tgt Ion: 62 Resp: 13364

Ion Ratio Lower Upper

62 100

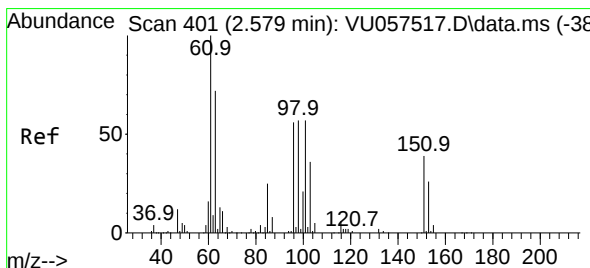
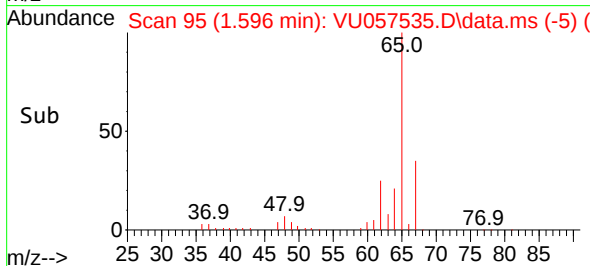
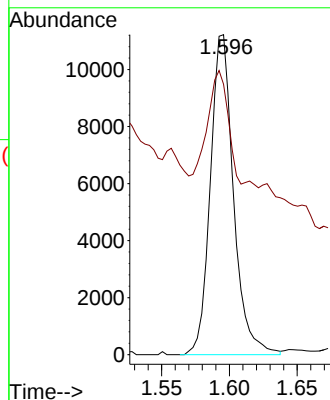
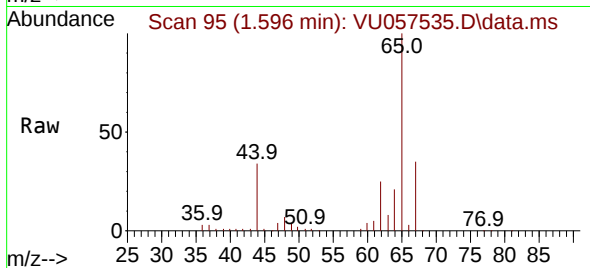
64 84.5 22.9 42.5

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#12

1,1-Dichloroethene

Concen: 13.460 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.009 min

Lab File: VU057535.D

Acq: 15 Jan 2024 17:25

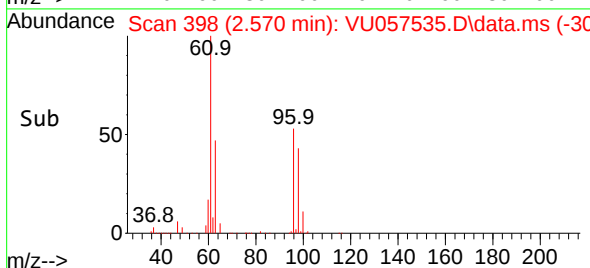
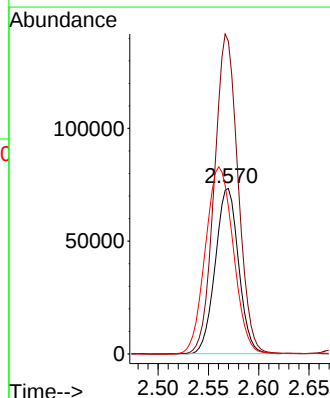
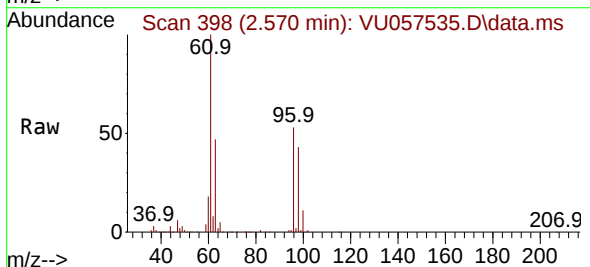
Tgt Ion: 96 Resp: 118166

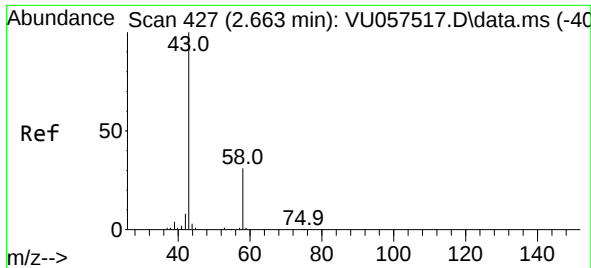
Ion Ratio Lower Upper

96 100

61 188.9 130.9 243.1

63 89.2 114.8 213.2





#13

Acetone

Concen: 12.768 ug/L m

RT: 2.811 min Scan# 41

Delta R.T. 0.148 min

Lab File: VU057535.D

Acq: 15 Jan 2024 17:25

Instrument :

MSVOA_U

ClientSampleId :

BH273

Tgt Ion: 43 Resp: 22134

Ion Ratio Lower Upper

43 100

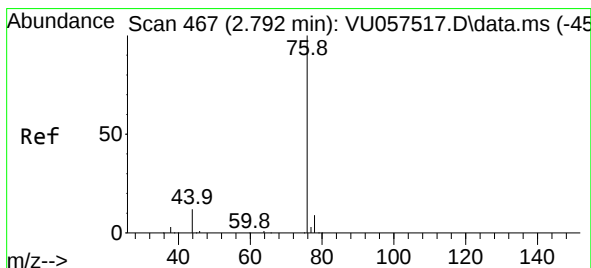
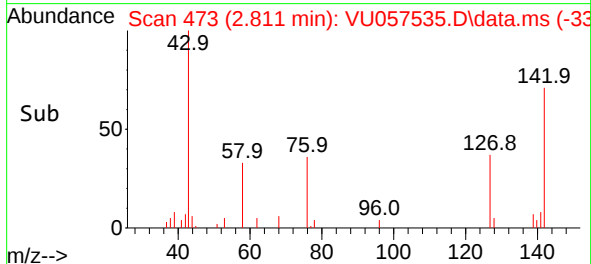
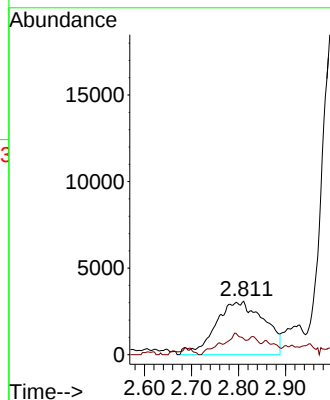
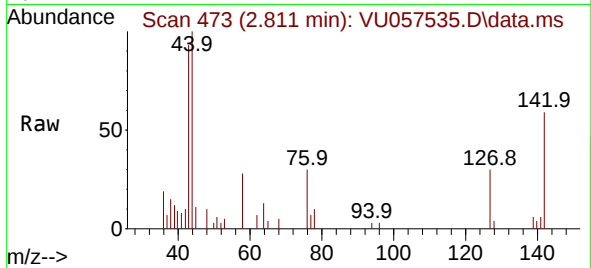
58 7.6 0.0 67.8

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#14

Carbon disulfide

Concen: 1.307 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.013 min

Lab File: VU057535.D

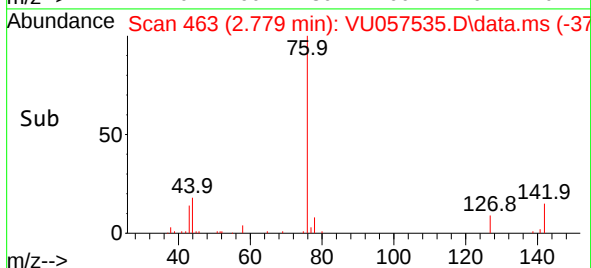
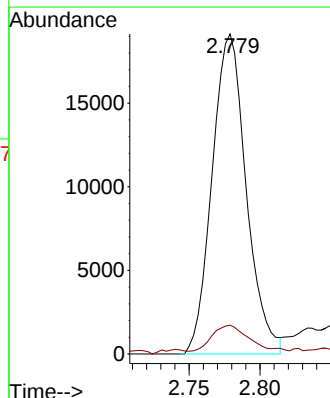
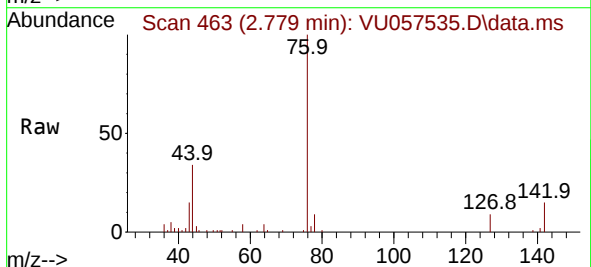
Acq: 15 Jan 2024 17:25

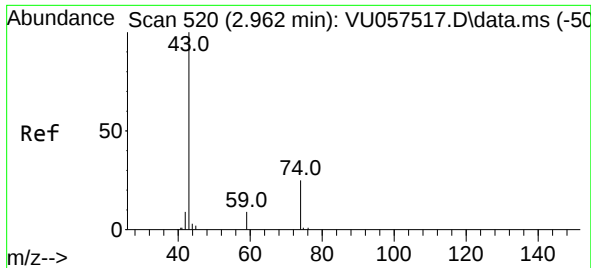
Tgt Ion: 76 Resp: 32061

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





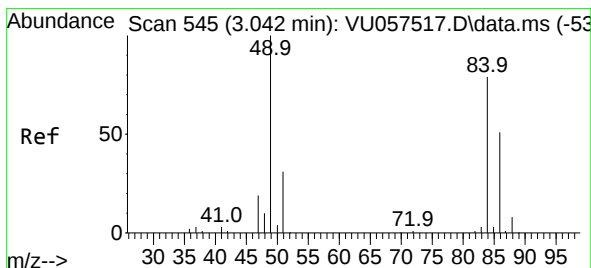
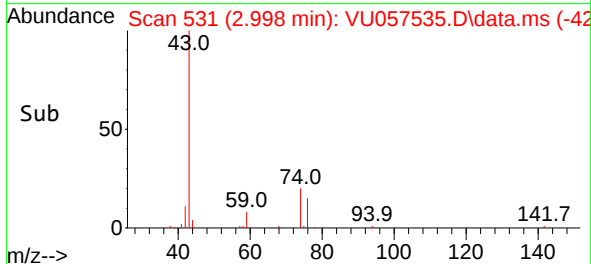
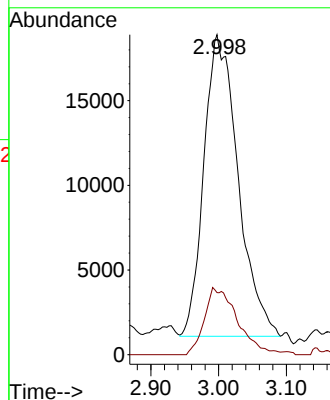
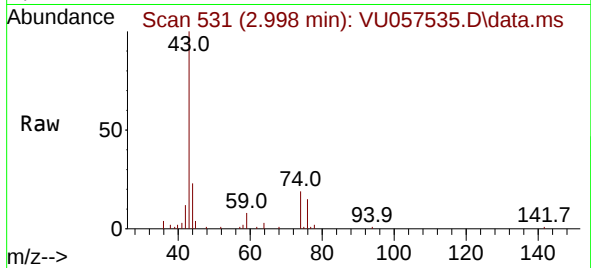
#15
Methyl Acetate
Concen: 15.920 ug/L
RT: 2.998 min Scan# 51
Delta R.T. 0.036 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Instrument :
MSVOA_U
ClientSampleId :
BH273

Tgt Ion: 43 Resp: 6239
Ion Ratio Lower Upper
43 100
74 21.5 18.6 27.8

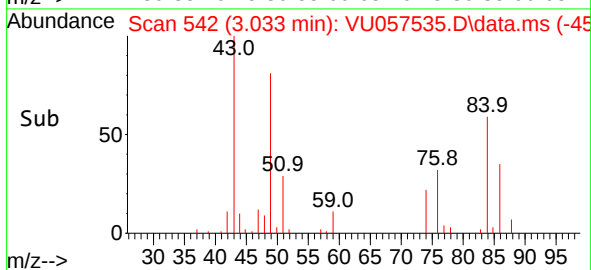
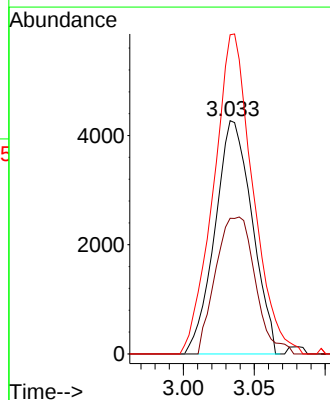
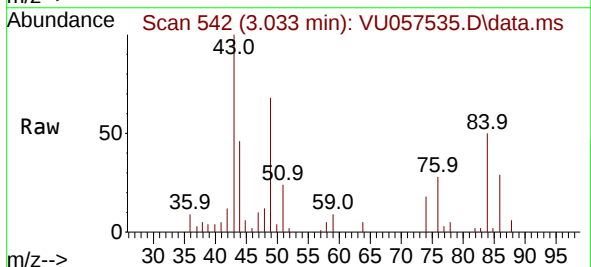
Manual Integrations
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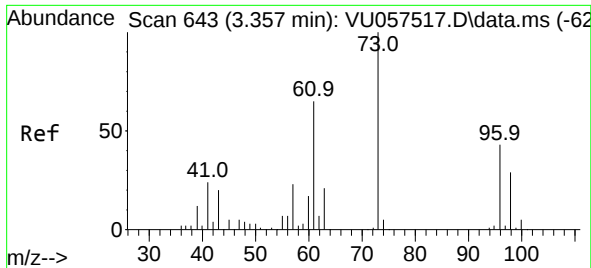
Reviewed By :Mahesh Dadoda 01/17/2024
Supervised By :Semsettin Yesilyurt 01/17/2024



#16
Methylene chloride
Concen: 0.657 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.009 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

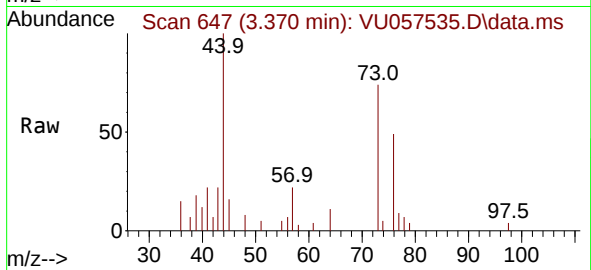
Tgt Ion: 84 Resp: 7801
Ion Ratio Lower Upper
84 100
86 58.2 45.8 85.2
49 136.9 86.7 161.1





#17
Methyl tert-butyl Ether
Concen: 0.250 ug/L
RT: 3.370 min Scan# 643
Delta R.T. 0.013 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

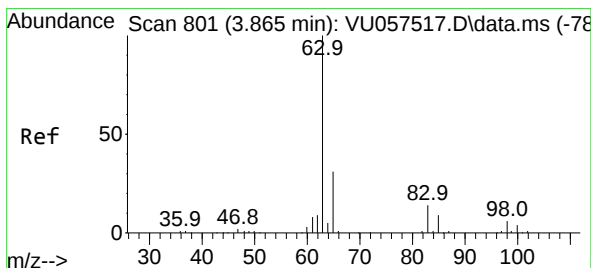
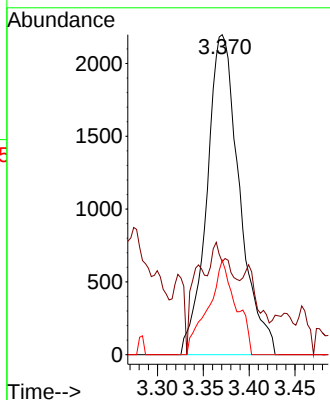
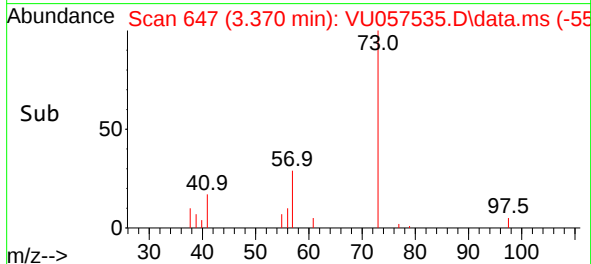
Instrument :
MSVOA_U
ClientSampleId :
BH273



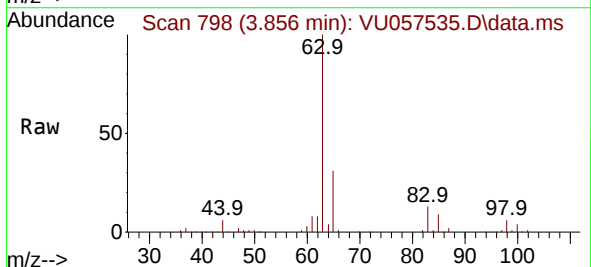
Tgt Ion: 73 Resp: 5438
Ion Ratio Lower Upper
73 100
43 19.7 16.1 24.1
57 25.3 18.2 27.4

Manual Integrations
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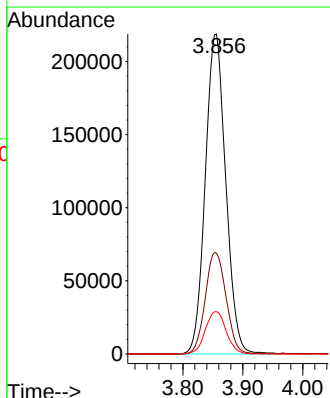
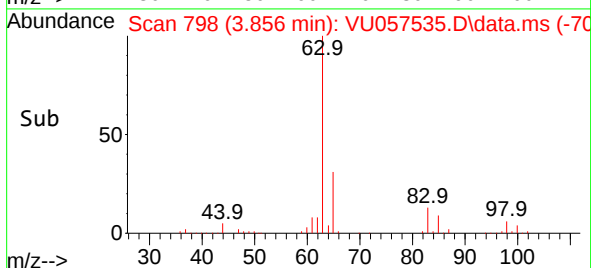
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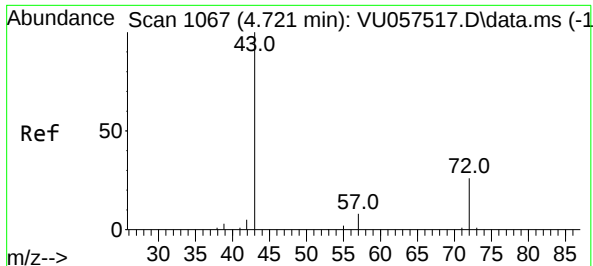


#19
1,1-Dichloroethane
Concen: 26.422 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.009 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25



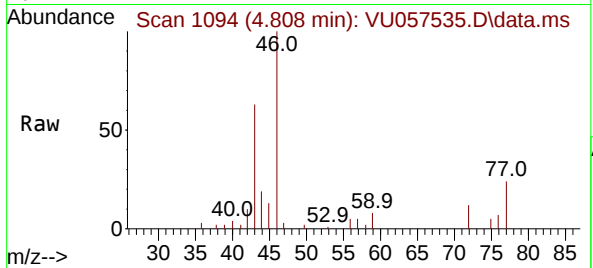
Tgt Ion: 63 Resp: 519508
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.3
83 13.2 9.1 16.9





#21
2-Butanone
Concen: 13.863 ug/L m
RT: 4.808 min Scan# 1094
Delta R.T. 0.087 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

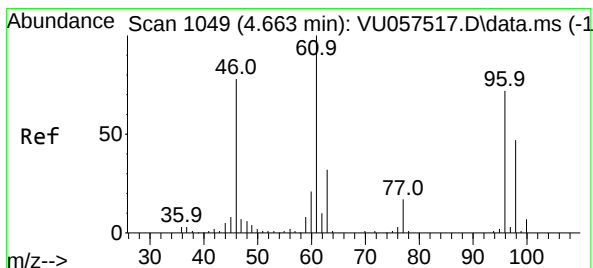
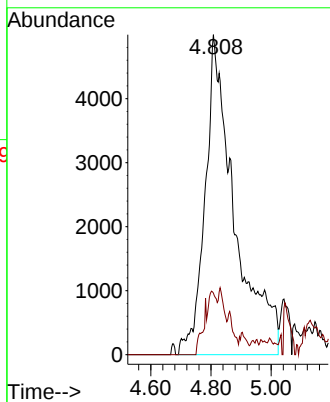
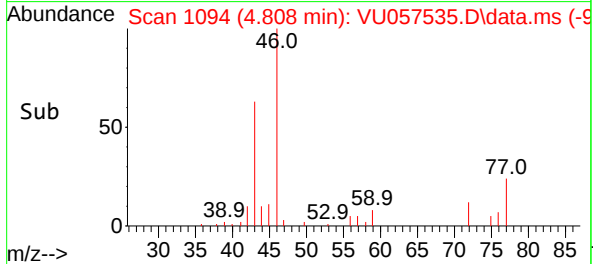
Instrument :
MSVOA_U
ClientSampleId :
BH273



Tgt Ion: 43 Resp: 3399
Ion Ratio Lower Upper
43 100
72 5.3 12.7 38.0

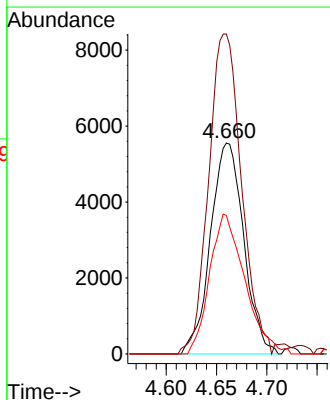
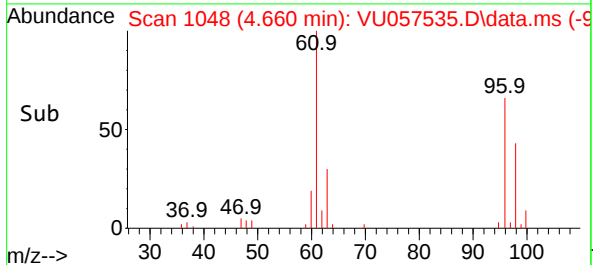
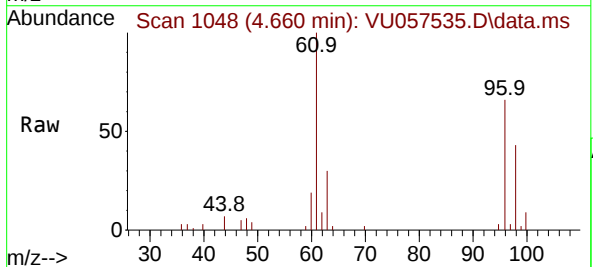
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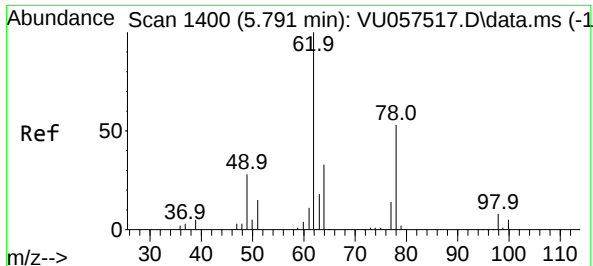
Reviewed By :Mahesh Dadoda 01/17/2024
Supervised By :Semsettin Yesilyurt 01/17/2024



#22
cis-1,2-Dichloroethene
Concen: 1.258 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Tgt Ion: 96 Resp: 12762
Ion Ratio Lower Upper
96 100
61 151.7 93.4 173.4
98 65.7 44.9 83.3





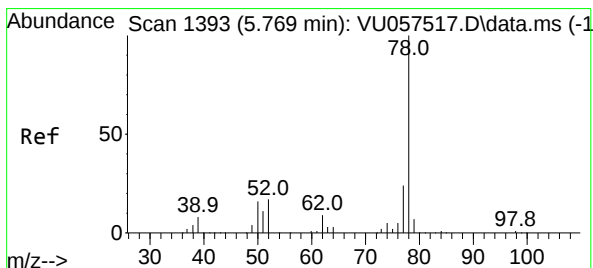
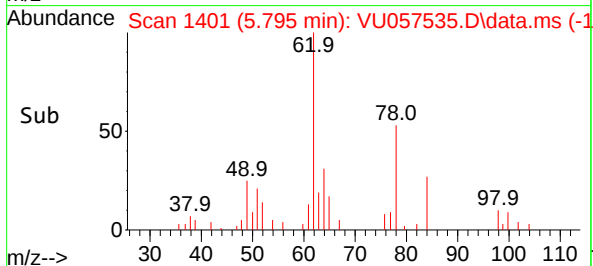
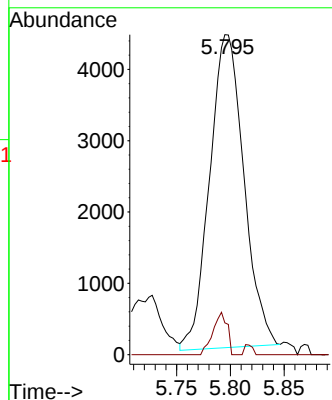
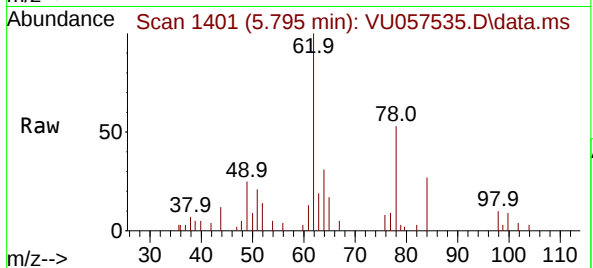
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1,2-Dichloroethane
Concen: 0.790 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.003 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Instrument :
MSVOA_U
ClientSampleId :
BH273

Tgt Ion: 62 Resp: 970
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0

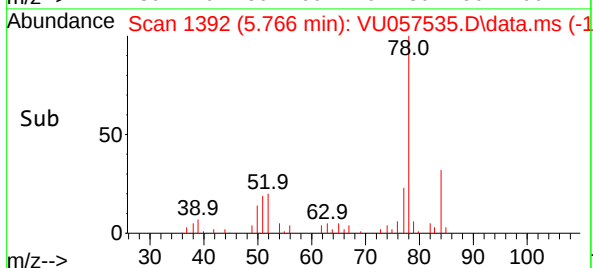
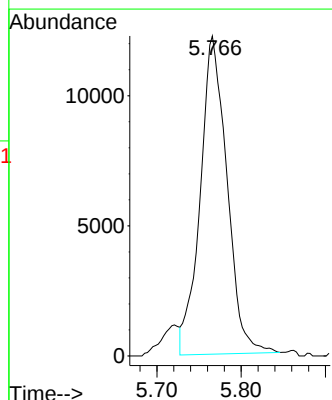
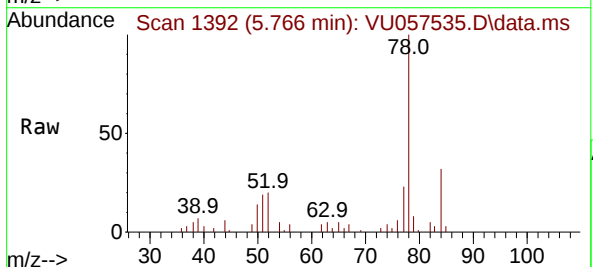
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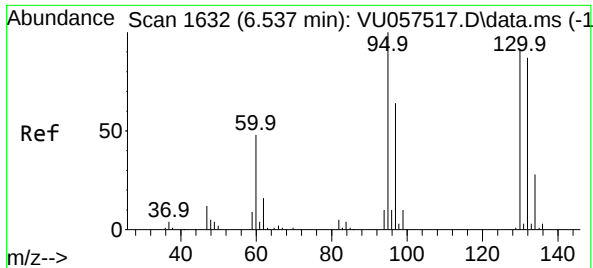
Reviewed By :Mahesh Dadoda 01/17/2024
Supervised By :Semsettin Yesilyurt 01/17/2024



#33
Benzene
Concen: 0.650 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

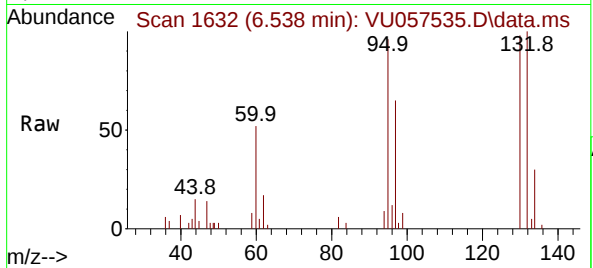
Tgt Ion: 78 Resp: 27001





#34
Trichloroethene
Concen: 0.743 ug/L
RT: 6.538 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

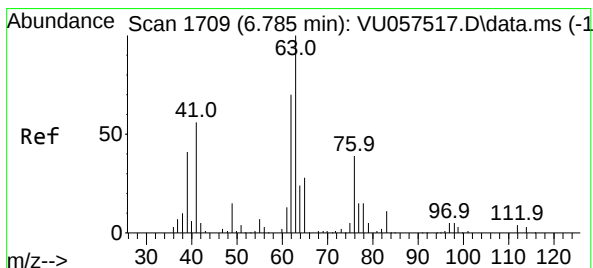
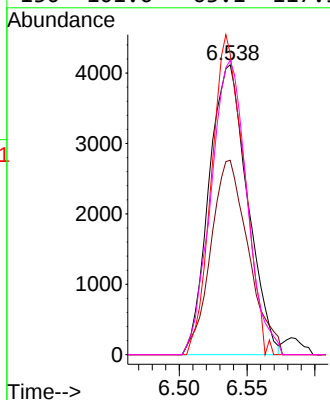
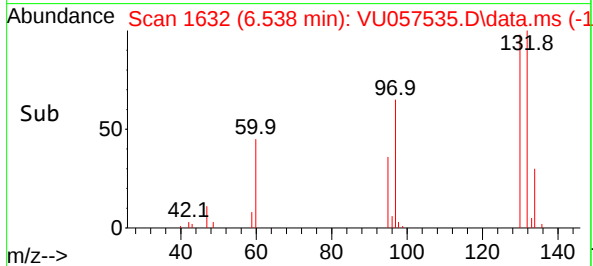
Instrument :
MSVOA_U
ClientSampleId :
BH273



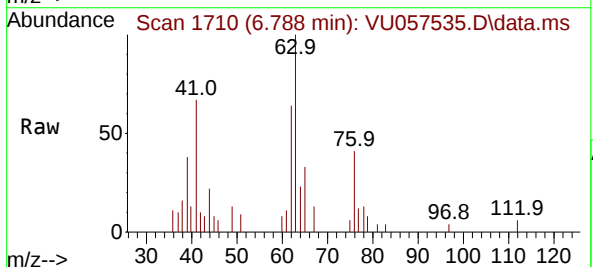
Tgt Ion: 95 Resp: 8100
Ion Ratio Lower Upper
95 100
97 67.0 45.0 83.6
132 103.8 61.7 114.5
130 101.6 63.1 117.3

Manual Integrations
APPROVED

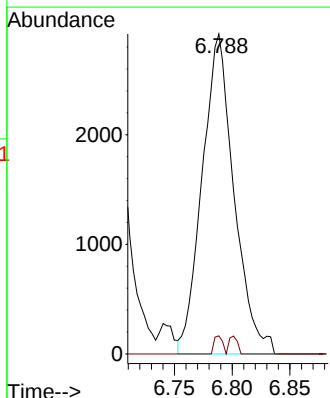
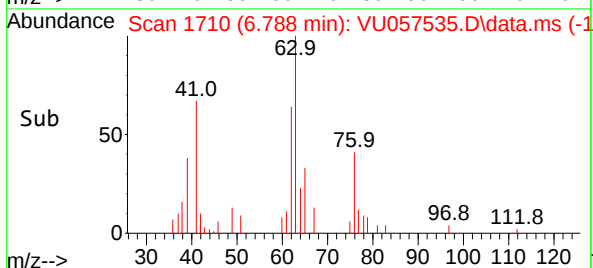
Reviewed By :Mahesh Dadoda 01/17/2024
Supervised By :Semsettin Yesilyurt 01/17/2024

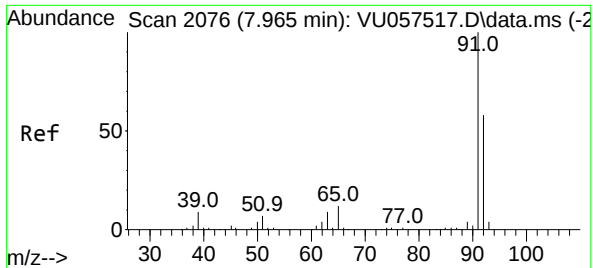


#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25



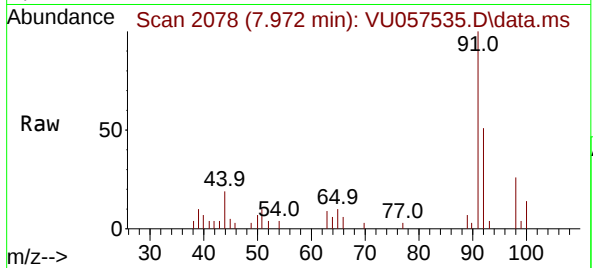
Tgt Ion: 63 Resp: 5595
Ion Ratio Lower Upper
63 100
112 1.5 2.7 4.1#





#42
Toluene
Concen: 0.189 ug/L
RT: 7.972 min Scan# 2078
Delta R.T. 0.007 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Instrument :
MSVOA_U
ClientSampleId :
BH273



Tgt Ion: 91 Resp: 773
Ion Ratio Lower Upper
91 100
92 50.9 41.2 76.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/17/2024
Supervised By :Semsettin Yesilyurt 01/17/2024

