

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
 Data File : VU048321.D
 Acq On : 27 Apr 2022 17:46
 Operator : SY/MD
 Sample : N2587-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

Quant Time: Apr 28 04:39:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	393122	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	468285	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	275225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	158589	43.869	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	87.740%	
7) Chloroethane-d5	1.894	69	131064	51.650	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	103.300%	
11) 1,1-Dichloroethene-d2	2.562	63	200246	34.571	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	69.140%	
21) 2-Butanone-d5	4.623	46	362664	117.622	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	117.620%	
24) Chloroform-d	5.061	84	286892	43.753	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.500%	
26) 1,2-Dichloroethane-d4	5.704	65	181669	46.695	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.400%	
32) Benzene-d6	5.729	84	626645	42.430	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	84.860%	
36) 1,2-Dichloropropane-d6	6.694	67	200153	40.992	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	81.980%	
41) Toluene-d8	7.900	98	617122	46.098	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	92.200%	
43) trans-1,3-Dichloroprop...	8.189	79	105236	48.844	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	97.680%	
47) 2-Hexanone-d5	8.642	63	8952639m	3398.451	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	3398.450%#	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	381487	44.549	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	89.100%	
66) 1,2-Dichlorobenzene-d4	12.195	152	300532	48.541	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.080%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	49907	14.566	ug/L	# 1
13) Acetone	2.623	43	941177	475.483	ug/L	100
14) Carbon disulfide	2.787	76	4632	0.735	ug/L	99
15) Methyl Acetate	2.955	43	8144	2.073	ug/L	90
16) Methylene chloride	3.045	84	224017	67.218	ug/L	95
19) 1,1-Dichloroethane	3.868	63	211436	37.652	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	23550	7.275	ug/L	# 99
22) 2-Butanone	4.707	43	102321	34.957	ug/L	96
29) Cyclohexane	5.385	56	22847	5.164	ug/L	# 97
33) Benzene	5.761	78	26580587m	1917.144	ug/L	
34) Trichloroethene	6.543	95	61796	18.184	ug/L	98
37) 1,2-Dichloropropane	6.794	63	17319	4.390	ug/L	98
40) 4-Methyl-2-pentanone	7.806	43	108132	18.174	ug/L	98
42) Toluene	7.974	91	2471955	169.819	ug/L	100
48) 2-Hexanone	8.694	43	317857	63.976	ug/L	94
51) Chlorobenzene	9.453	112	11713360	1116.367	ug/L	97
52) Ethylbenzene	9.575	91	13469	0.893	ug/L	95
53) m,p-Xylene	9.697	106	13027	2.190	ug/L	98
54) o-Xylene	10.105	106	13038	2.176	ug/L	85

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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.472	105	13015	1.044	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	18206	2.067	ug/L	98
67) 1,2-Dichlorobenzene	12.215	146	169836	18.687	ug/L	99

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

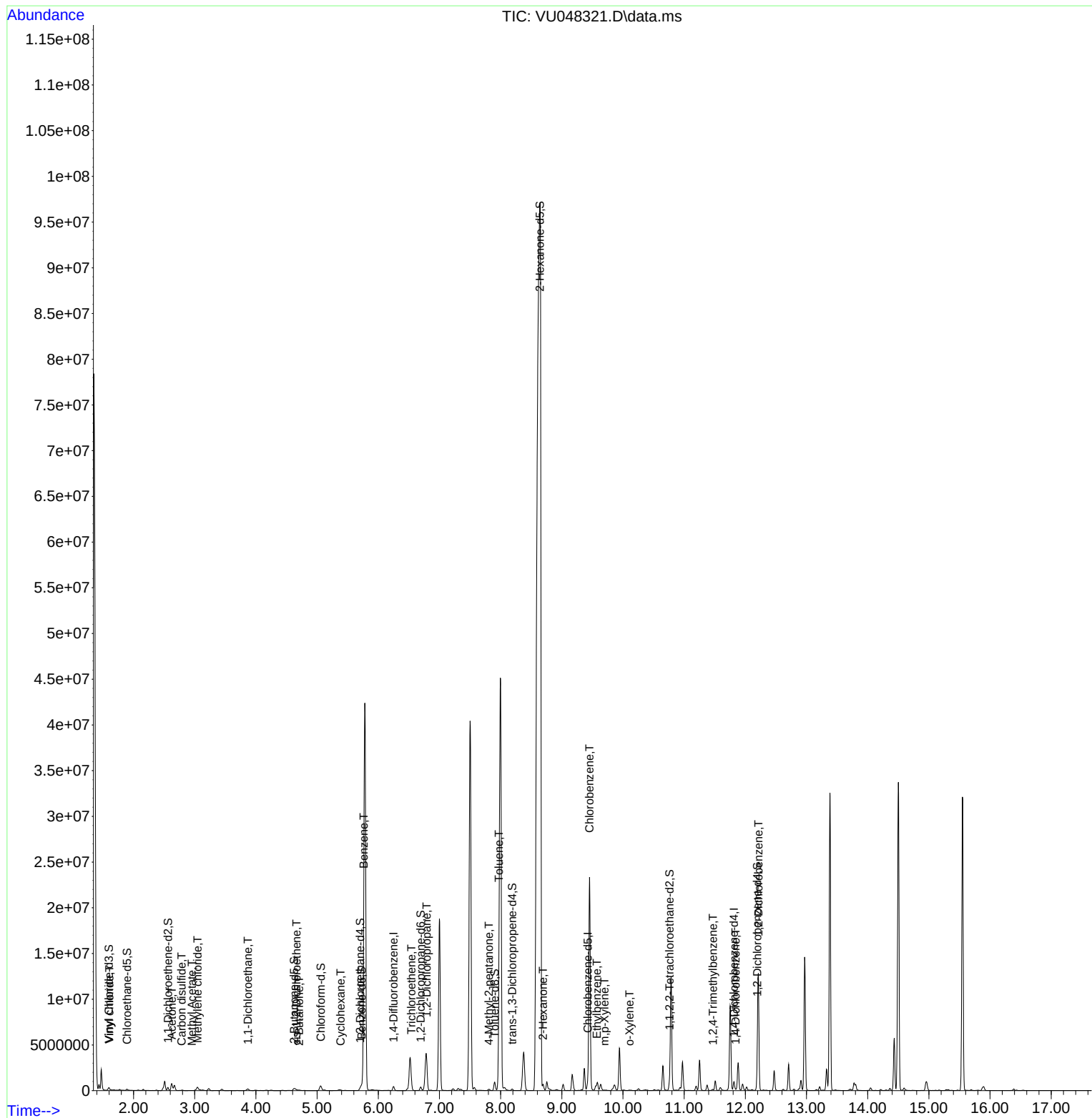
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048321.D
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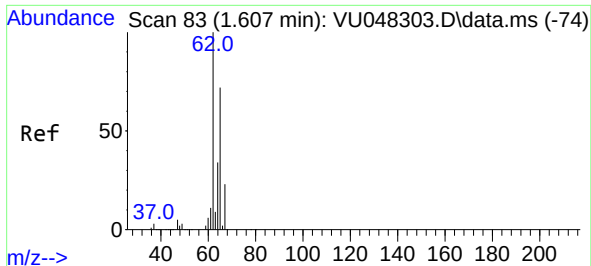
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
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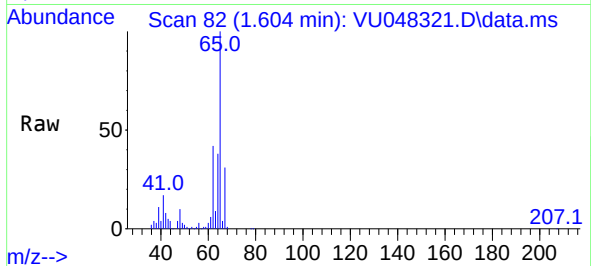
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022





#5
 Vinyl chloride
 Concen: 14.566 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048321.D
 Acq: 27 Apr 2022 17:46

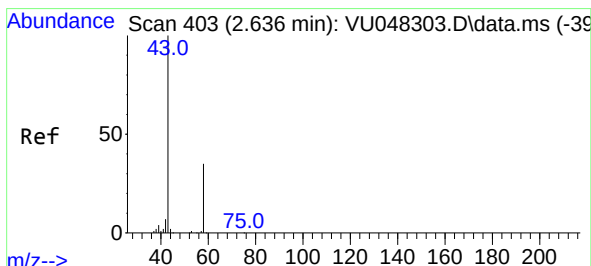
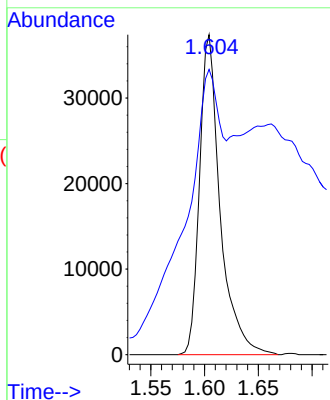
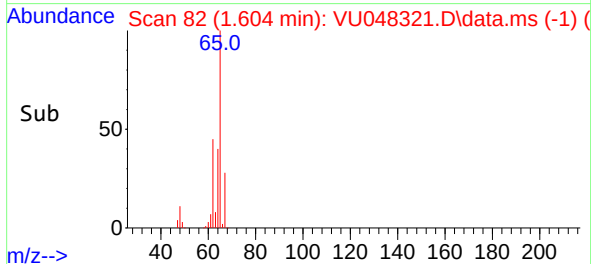
Instrument :
 MSVOA_U
 ClientSampleId :
 EXET5



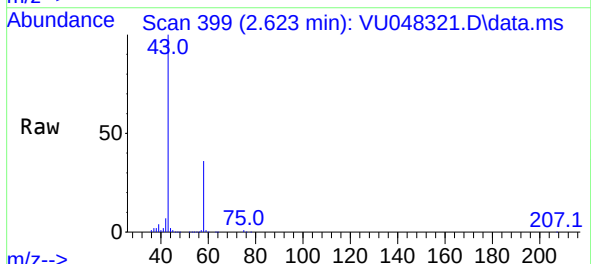
Tgt Ion: 62 Resp: 4990
 Ion Ratio Lower Upper
 62 100
 64 89.2 22.5 41.7

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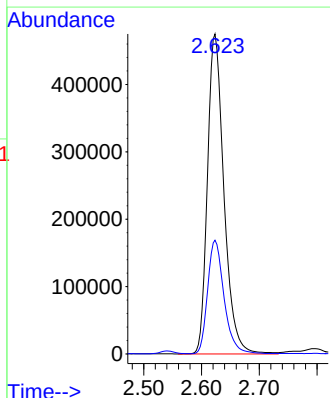
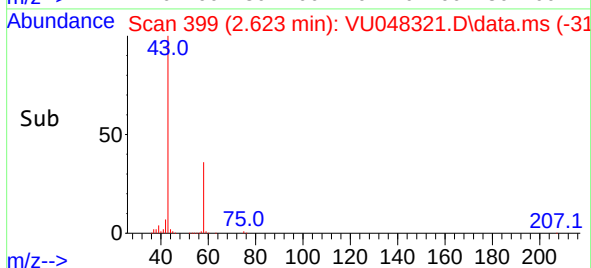
Reviewed By :Krupa Patel 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

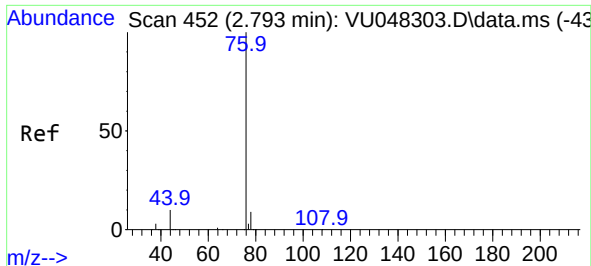


#13
 Acetone
 Concen: 475.483 ug/L
 RT: 2.623 min Scan# 399
 Delta R.T. -0.012 min
 Lab File: VU048321.D
 Acq: 27 Apr 2022 17:46



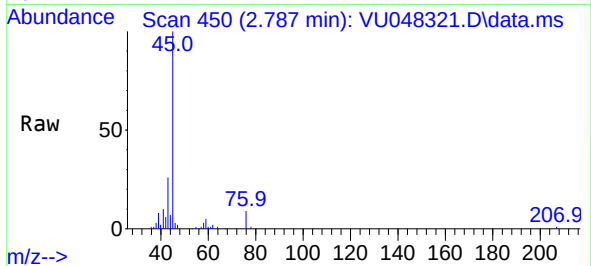
Tgt Ion: 43 Resp: 941177
 Ion Ratio Lower Upper
 43 100
 58 35.3 0.0 71.2





#14
Carbon disulfide
Concen: 0.735 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.006 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

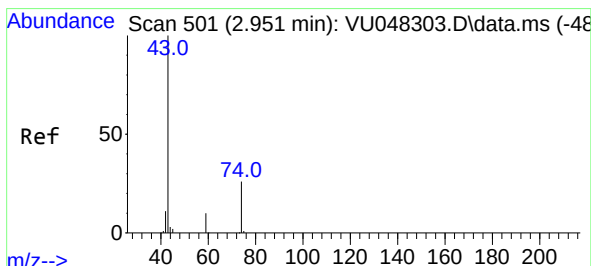
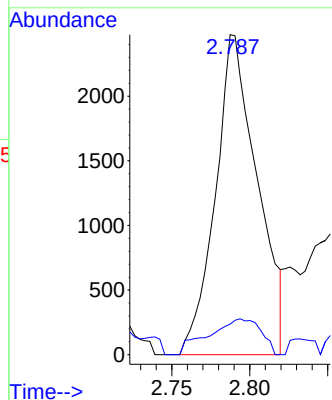
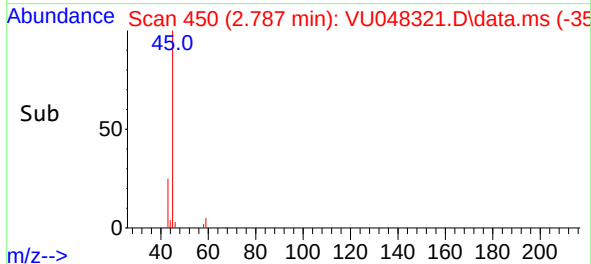
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 76 Resp: 4632
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

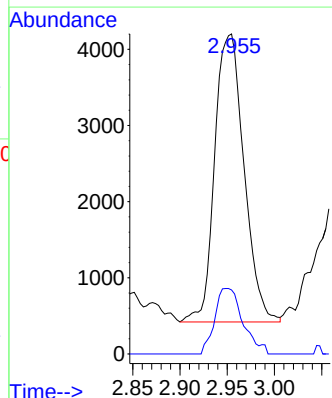
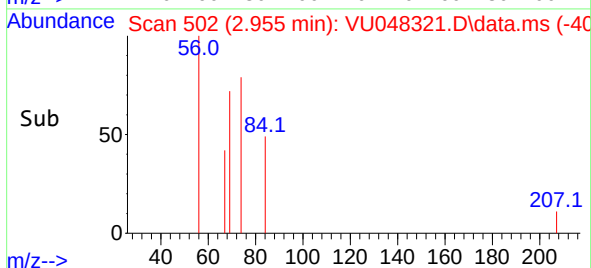
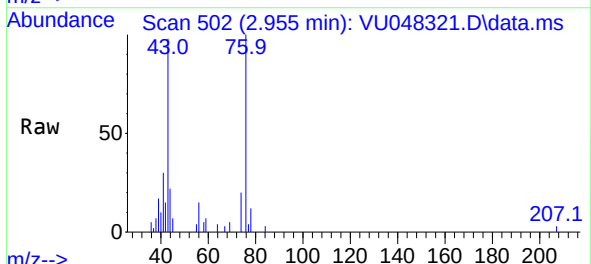
Manual Integrations
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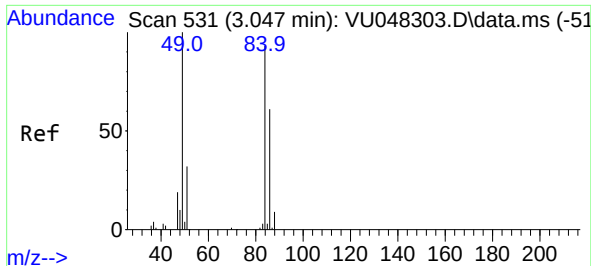
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#15
Methyl Acetate
Concen: 2.073 ug/L
RT: 2.955 min Scan# 502
Delta R.T. 0.004 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

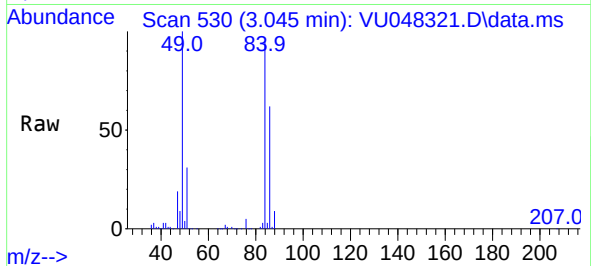
Tgt Ion: 43 Resp: 8144
Ion Ratio Lower Upper
43 100
74 21.2 21.0 31.6





#16
Methylene chloride
Concen: 67.218 ug/L
RT: 3.045 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

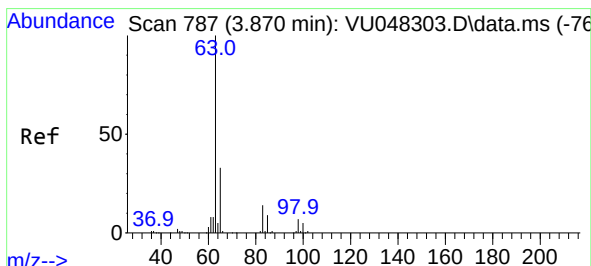
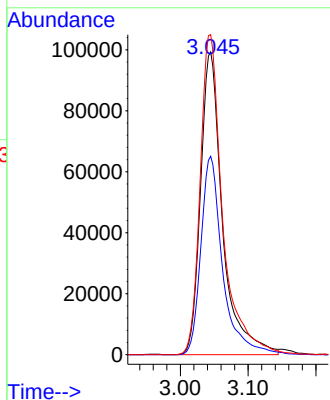
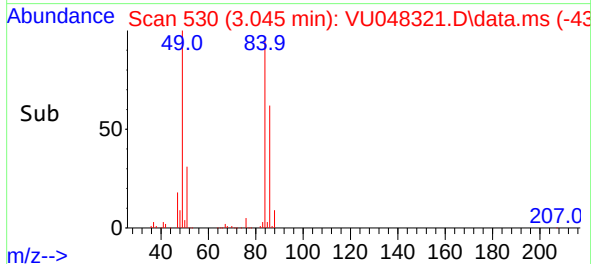
Instrument :
MSVOA_U
ClientSampleId :
EXET5



Tgt Ion: 84 Resp: 224017
Ion Ratio Lower Upper
84 100
86 65.6 45.4 84.2
49 105.7 79.2 147.0

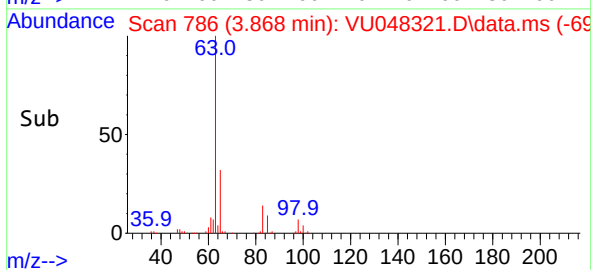
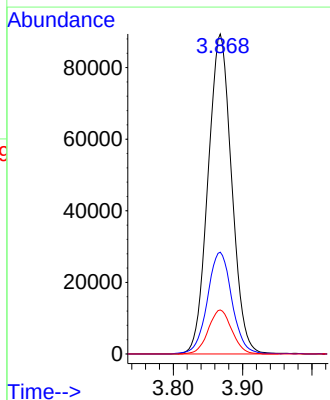
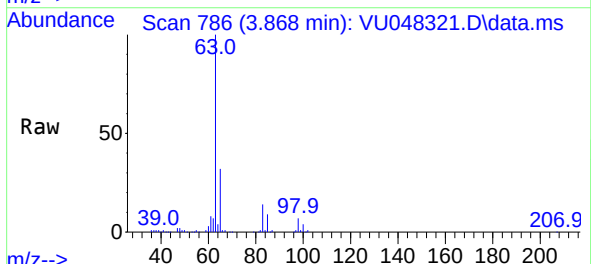
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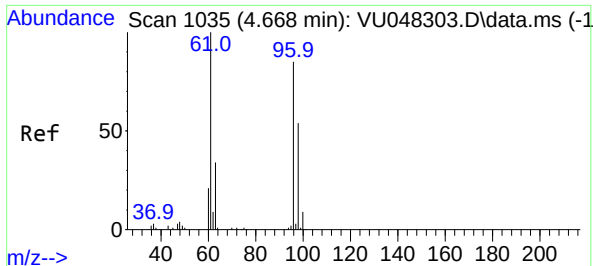
Reviewed By :Krupa Patel 04/28/2022
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#19
1,1-Dichloroethane
Concen: 37.652 ug/L
RT: 3.868 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

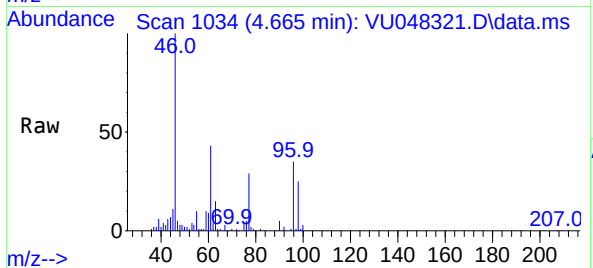
Tgt Ion: 63 Resp: 211436
Ion Ratio Lower Upper
63 100
65 31.8 22.0 40.8
83 13.8 8.8 16.4





#20
cis-1,2-Dichloroethene
Concen: 7.275 ug/L
RT: 4.665 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

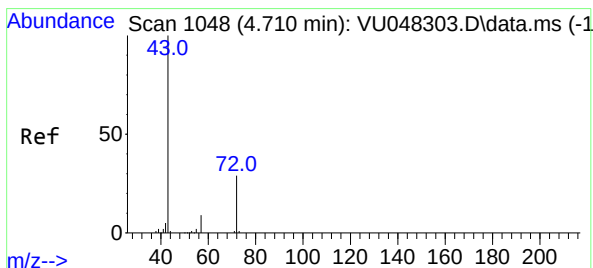
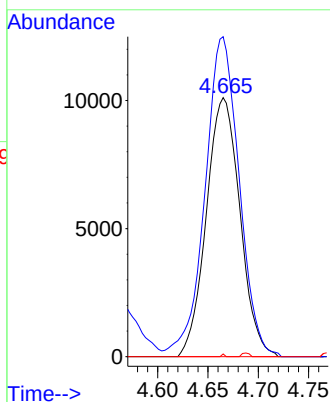
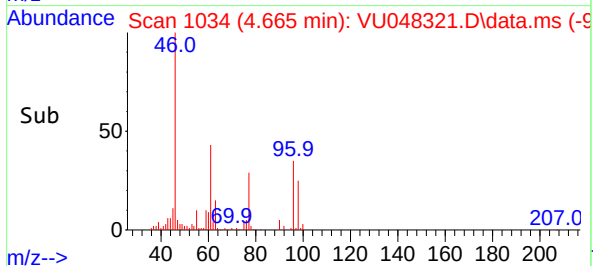
Instrument :
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Tgt Ion: 96 Resp: 23550
Ion Ratio Lower Upper
96 100
61 123.5 87.0 161.6
68 1.0 0.0 0.0

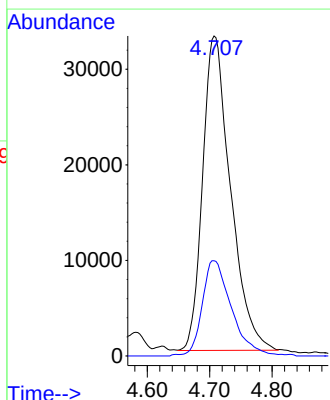
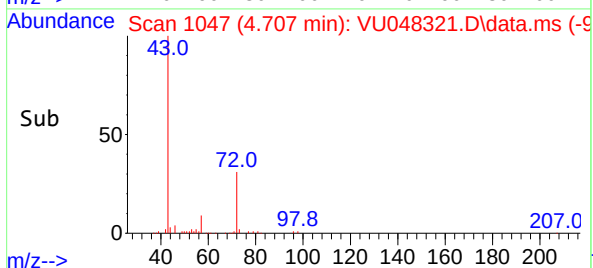
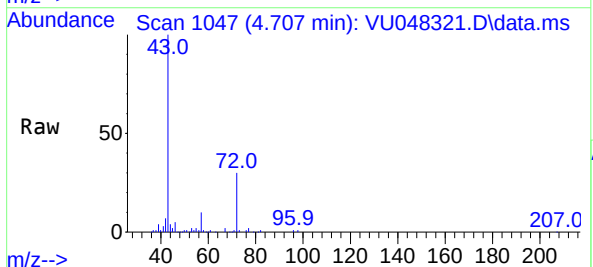
Manual Integrations
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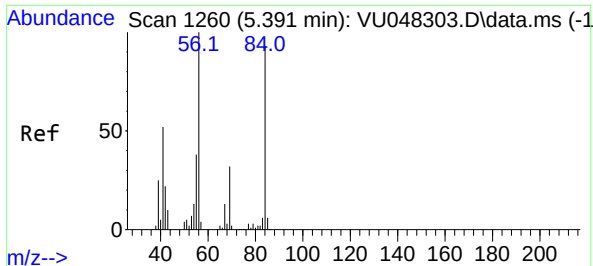
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#22
2-Butanone
Concen: 34.957 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU048321.D
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Tgt Ion: 43 Resp: 102321
Ion Ratio Lower Upper
43 100
72 31.6 14.6 43.8





#29

Cyclohexane

Concen: 5.164 ug/L

RT: 5.385 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU048321.D

Acq: 27 Apr 2022 17:46

Instrument :

MSVOA_U

ClientSampleId :

EXET5

Tgt Ion: 56 Resp: 2284

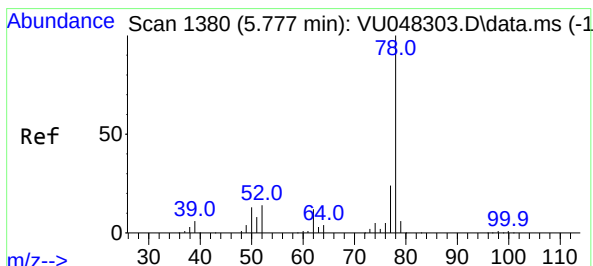
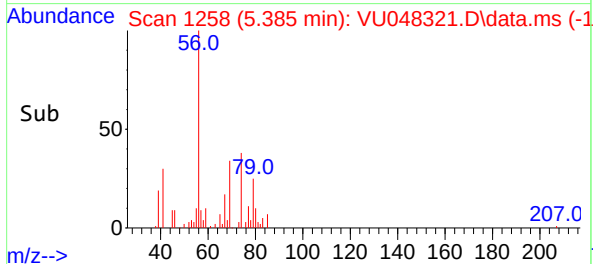
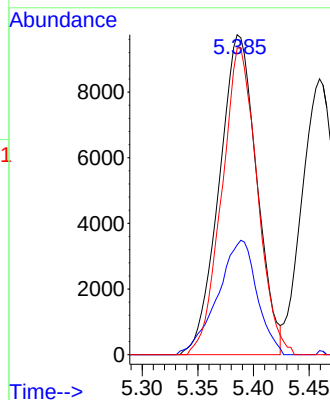
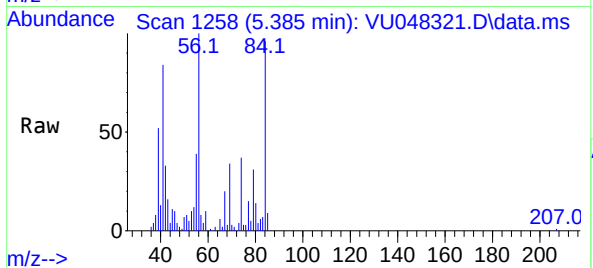
Ion	Ratio	Lower	Upper
56	100		
69	37.5	24.2	36.4
84	90.4	72.2	108.2

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#33

Benzene

Concen: 1917.144 ug/L m

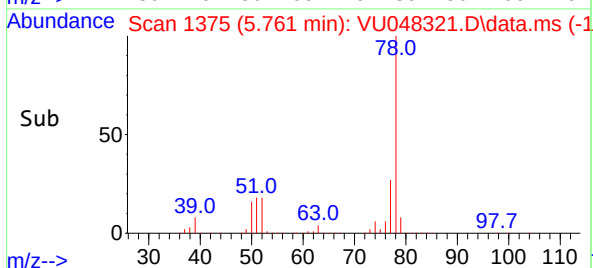
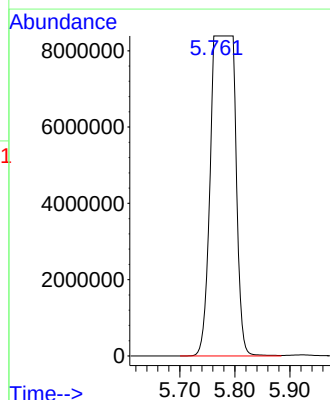
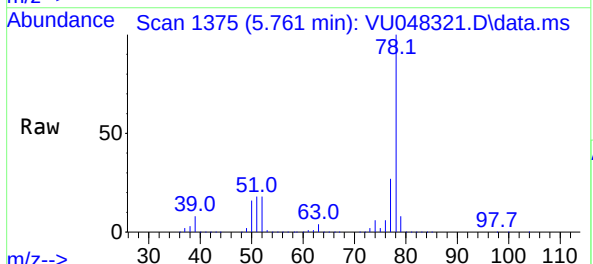
RT: 5.761 min Scan# 1375

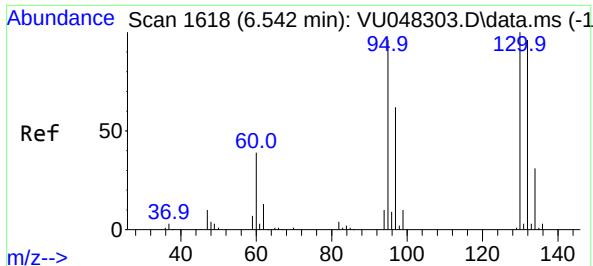
Delta R.T. -0.016 min

Lab File: VU048321.D

Acq: 27 Apr 2022 17:46

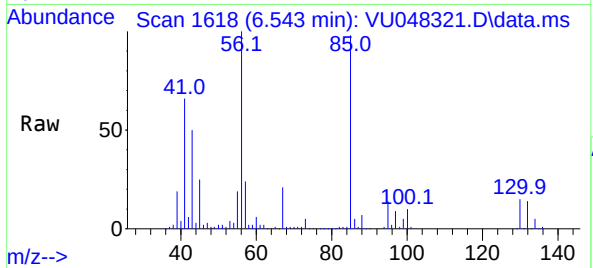
Tgt Ion: 78 Resp:26580587





#34
Trichloroethene
Concen: 18.184 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VU048321.D
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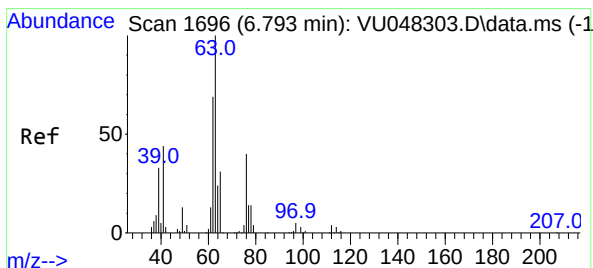
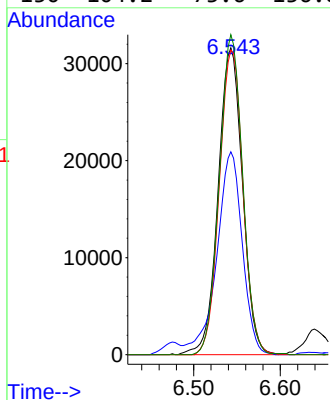
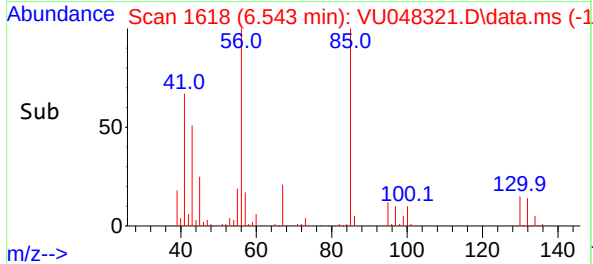
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ClientSampleId :
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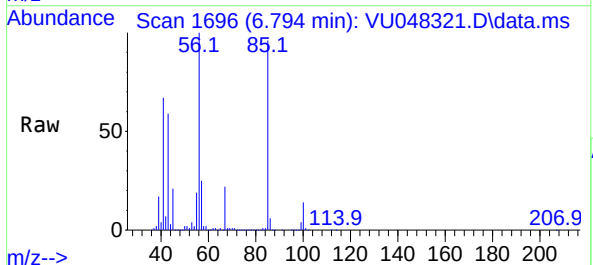
Tgt Ion: 95 Resp: 61790
Ion Ratio Lower Upper
95 100
97 66.1 45.8 85.2
132 99.2 71.6 133.0
130 104.2 73.6 136.8

Manual Integrations
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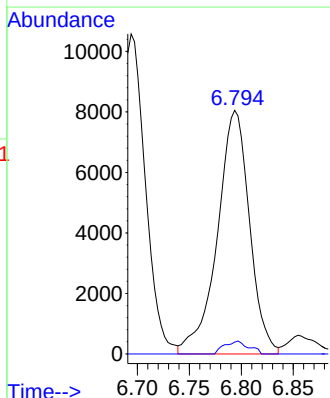
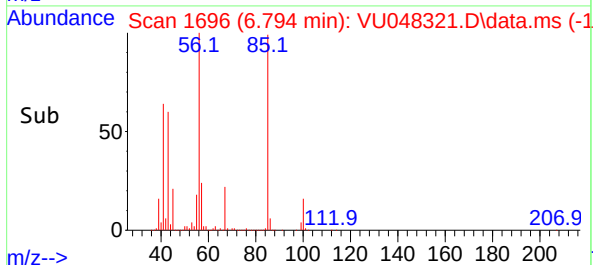
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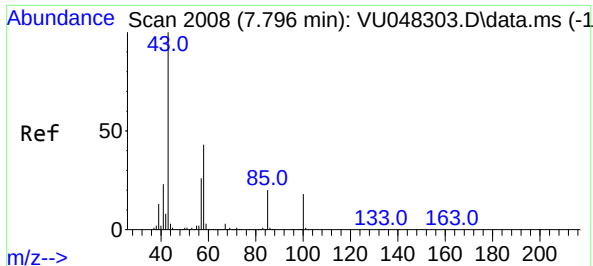


#37
1,2-Dichloropropane
Concen: 4.390 ug/L
RT: 6.794 min Scan# 1696
Delta R.T. 0.001 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46



Tgt Ion: 63 Resp: 17319
Ion Ratio Lower Upper
63 100
112 3.3 3.1 4.7





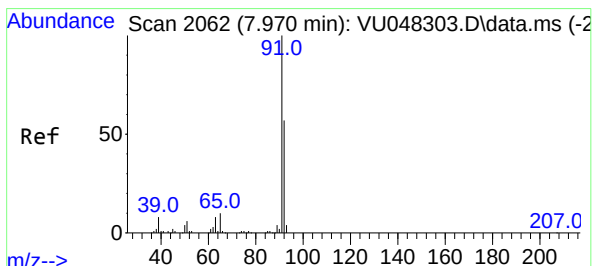
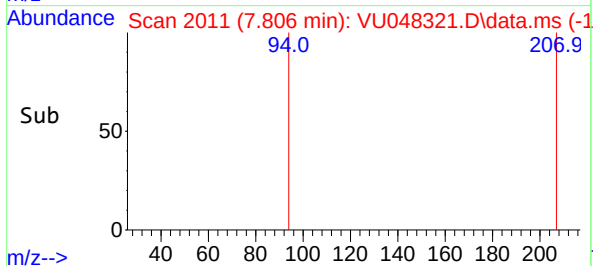
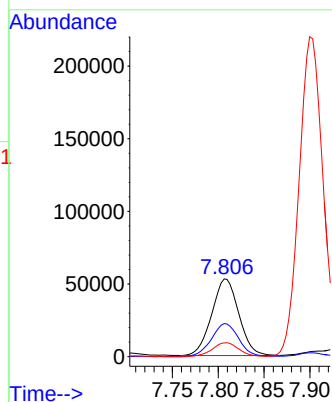
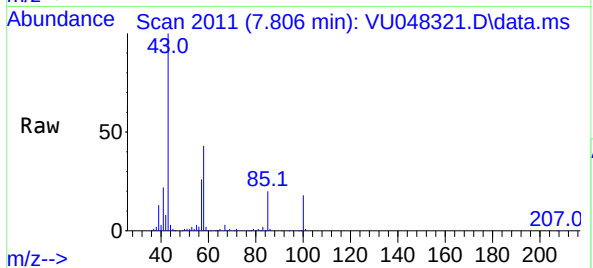
#40
4-Methyl-2-pentanone
Concen: 18.174 ug/L
RT: 7.806 min Scan# 2008
Delta R.T. 0.010 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

Instrument :
MSVOA_U
ClientSampleId :
EXET5

Tgt Ion: 43 Resp: 10813
Ion Ratio Lower Upper
43 100
58 43.9 34.4 51.6
100 18.2 13.6 20.4

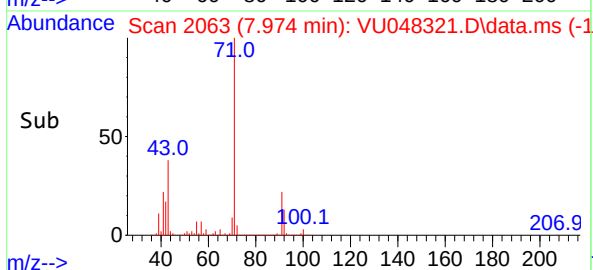
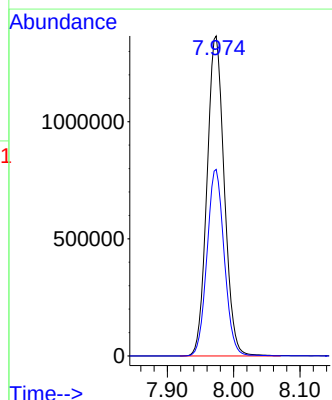
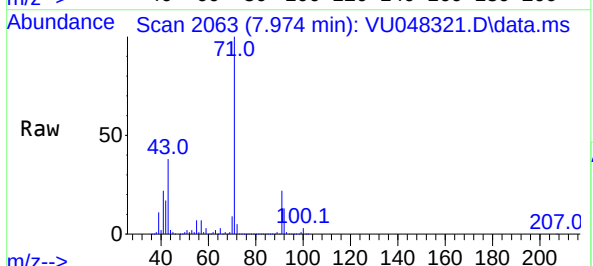
Manual Integrations
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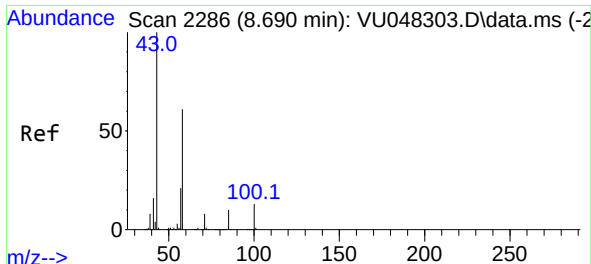
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#42
Toluene
Concen: 169.819 ug/L
RT: 7.974 min Scan# 2063
Delta R.T. 0.004 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

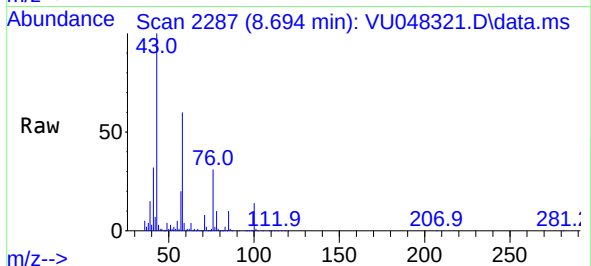
Tgt Ion: 91 Resp: 2471955
Ion Ratio Lower Upper
91 100
92 58.3 40.9 76.0





#48
2-Hexanone
Concen: 63.976 ug/L
RT: 8.694 min Scan# 2175
Delta R.T. 0.004 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

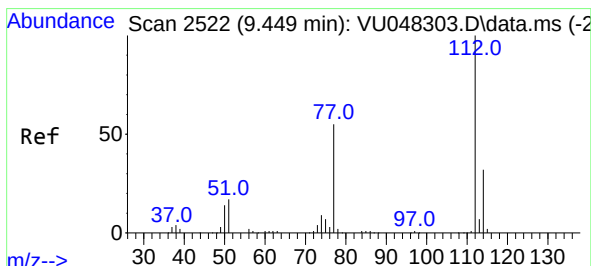
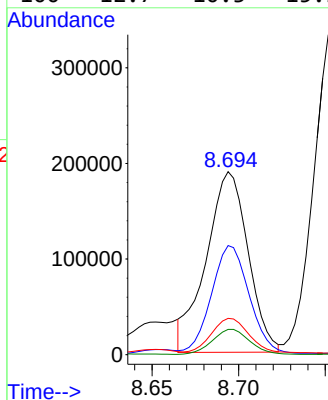
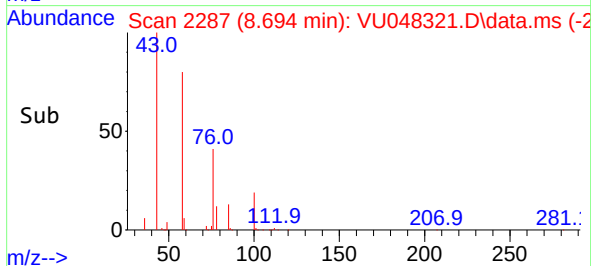
Instrument :
MSVOA_U
ClientSampleId :
EXET5



Tgt Ion: 43 Resp: 31785
Ion Ratio Lower Upper
43 100
58 53.6 48.1 72.1
57 18.9 16.2 24.4
100 12.7 10.3 15.5

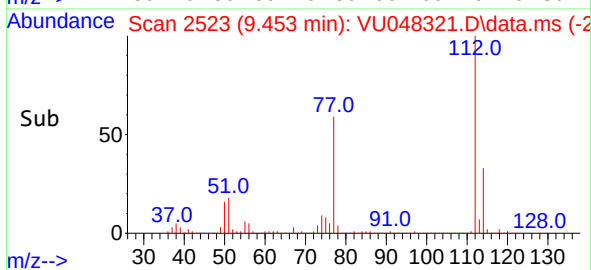
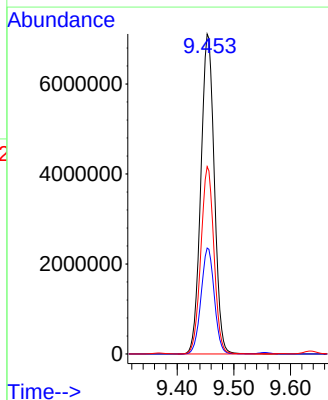
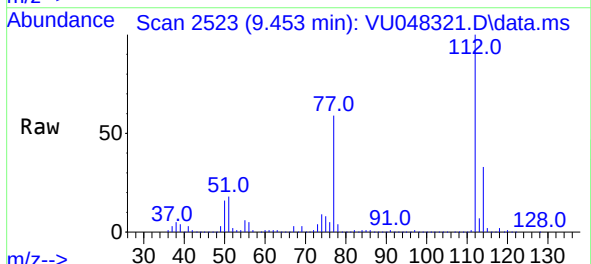
Manual Integrations
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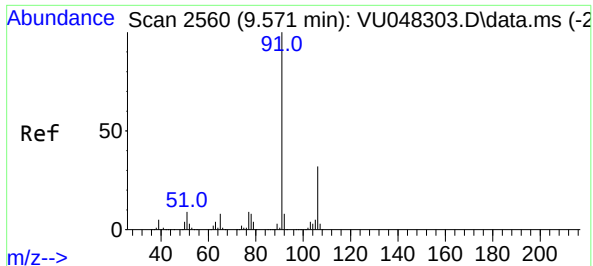
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#51
Chlorobenzene
Concen: 1116.367 ug/L
RT: 9.453 min Scan# 2523
Delta R.T. 0.004 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

Tgt Ion:112 Resp:11713360
Ion Ratio Lower Upper
112 100
114 33.1 22.7 42.1
77 58.6 44.3 66.5





#52

Ethylbenzene

Concen: 0.893 ug/L

RT: 9.575 min Scan# 2560

Delta R.T. 0.004 min

Lab File: VU048321.D

Acq: 27 Apr 2022 17:46

Instrument :

MSVOA_U

ClientSampleId :

EXET5

Tgt Ion: 91 Resp: 13469

Ion Ratio Lower Upper

91 100

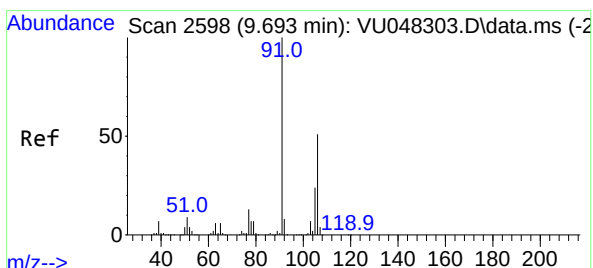
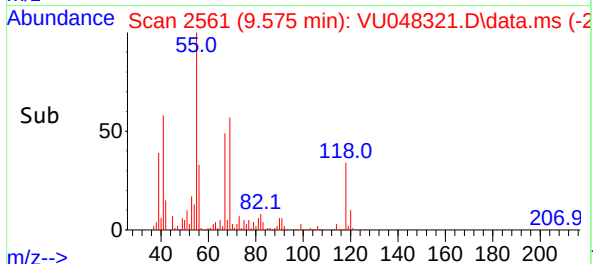
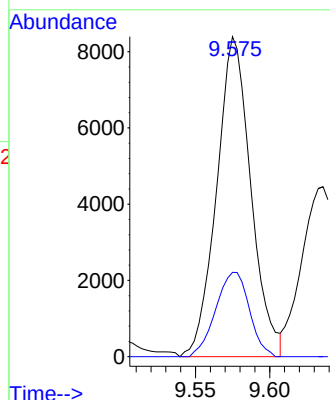
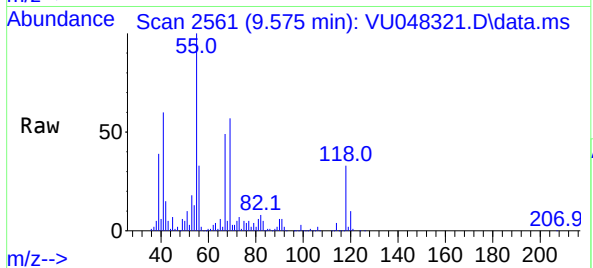
106 29.3 22.5 41.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#53

m,p-Xylene

Concen: 2.190 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.004 min

Lab File: VU048321.D

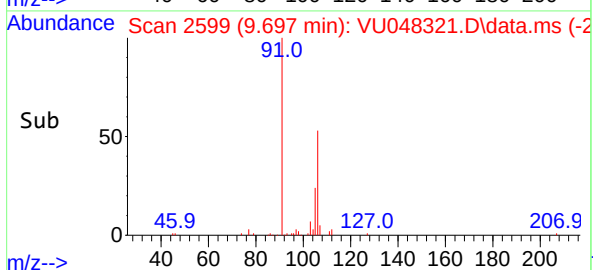
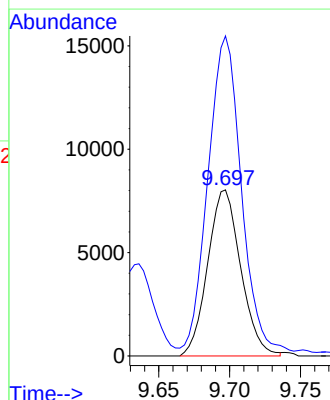
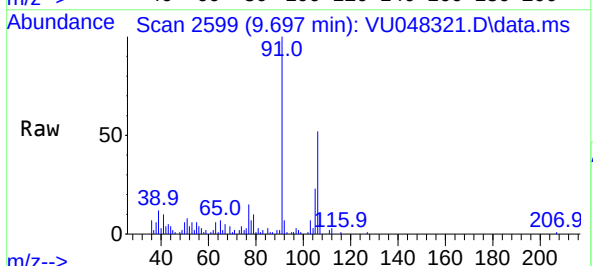
Acq: 27 Apr 2022 17:46

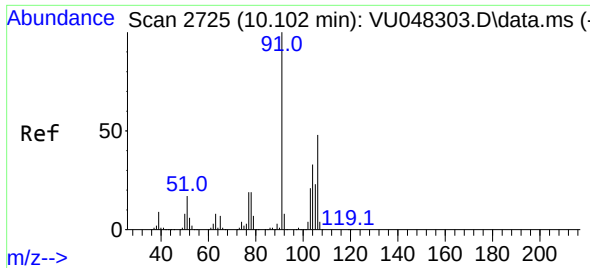
Tgt Ion:106 Resp: 13027

Ion Ratio Lower Upper

106 100

91 192.7 137.4 255.2





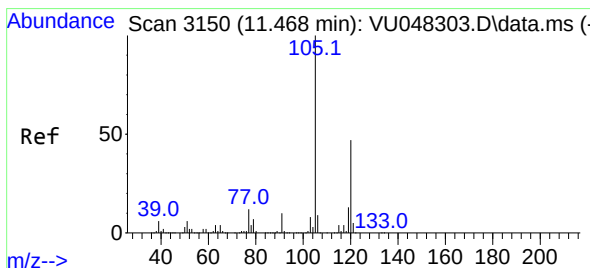
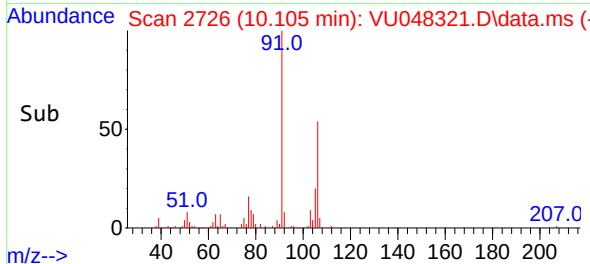
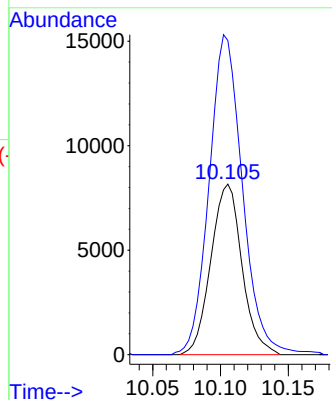
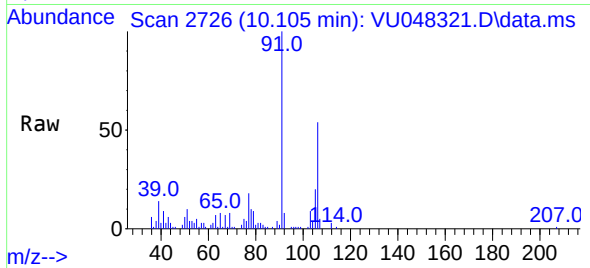
#54
o-Xylene
Concen: 2.176 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

Instrument :
MSVOA_U
ClientSampleId :
EXET5

Tgt Ion:106 Resp: 13038
Ion Ratio Lower Upper
106 100
91 184.2 145.3 269.8

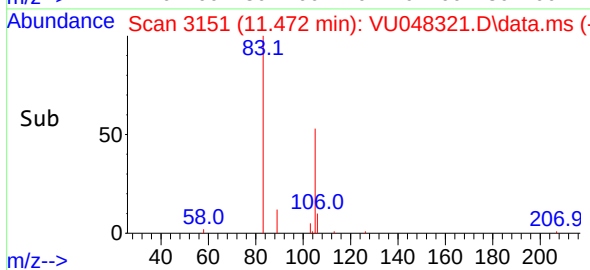
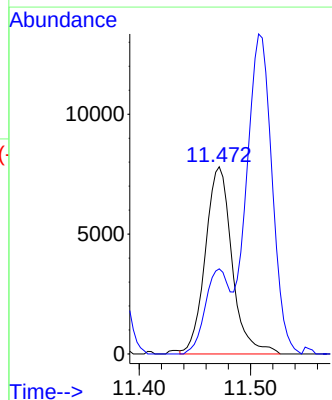
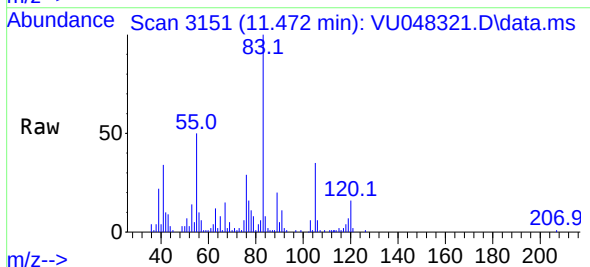
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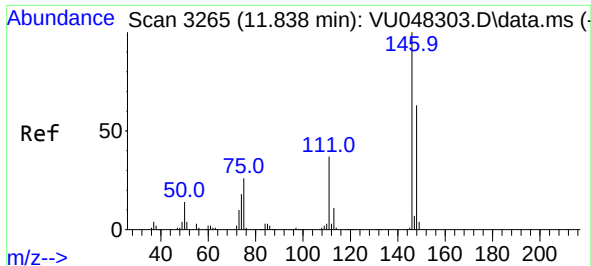
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#63
1,2,4-Trimethylbenzene
Concen: 1.044 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

Tgt Ion:105 Resp: 13015
Ion Ratio Lower Upper
105 100
120 43.2 38.0 57.0





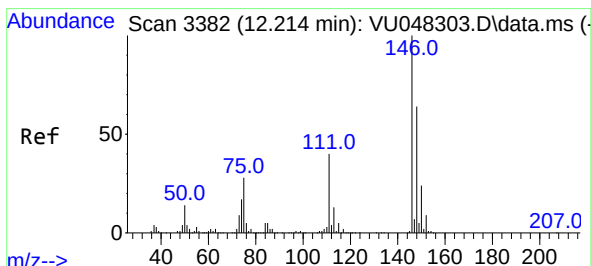
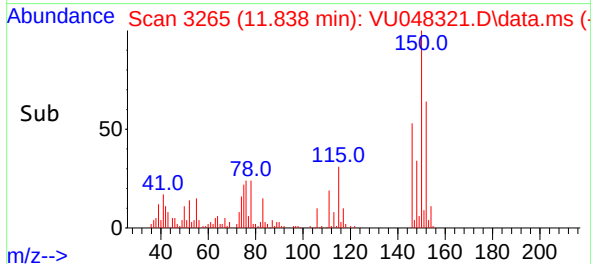
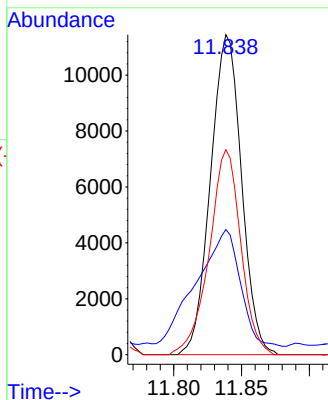
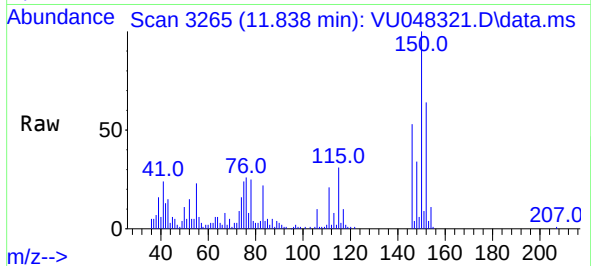
#65
1,4-Dichlorobenzene
Concen: 2.067 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

Instrument :
MSVOA_U
ClientSampleId :
EXET5

Tgt Ion:146 Resp: 18200
Ion Ratio Lower Upper
146 100
111 39.1 25.9 48.1
148 64.0 45.1 83.7

Manual Integrations
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Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#67
1,2-Dichlorobenzene
Concen: 18.687 ug/L
RT: 12.215 min Scan# 3382
Delta R.T. 0.001 min
Lab File: VU048321.D
Acq: 27 Apr 2022 17:46

Tgt Ion:146 Resp: 169836
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 64.2 50.9 76.3

