Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Manual Integrations APPROVED

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

Quant Time: Apr 28 04:40:14 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	418023	50.000 ug/L	0.00
28) Chlorobenzene-d5	9.423	117	447399	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	263224	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.597	65	167154	43.484 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.960%	
7) Chloroethane-d5	1.896	69	127236	47.155 ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.300%	
11) 1,1-Dichloroethene-d2	2.562	63	213560	34.673 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.340%	
21) 2-Butanone-d5	4.616	46	340129	103.742 ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.740%	
24) Chloroform-d	5.060	84	303335	43.505 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.020%	
26) 1,2-Dichloroethane-d4	5.703	65	193764	46.838 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.680%	
32) Benzene-d6	5.729	84	668365	47.367 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.740%	
36) 1,2-Dichloropropane-d6	6.690	67	212746	45.605 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.220%	
41) Toluene-d8	7.899	98	640093	50.046 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.100%	
43) trans-1,3-Dichloroprop...	8.179	79	102681	49.883 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.760%	
47) 2-Hexanone-d5	8.632	63	304833	121.118 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.120%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	370011	45.226 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.460%	
66) 1,2-Dichlorobenzene-d4	12.195	152	288719	48.759 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.520%	
Target Compounds					Qvalue
13) Acetone	2.620	43	2335886	1109.793 ug/L	100
14) Carbon disulfide	2.790	76	5562	0.830 ug/L	99
15) Methyl Acetate	2.944	43	30197	7.227 ug/L	99
16) Methylene chloride	3.044	84	5304	1.497 ug/L	85
19) 1,1-Dichloroethane	3.867	63	68462	11.465 ug/L	97
22) 2-Butanone	4.697	43	517714	166.338 ug/L	98
29) Cyclohexane	5.388	56	53619	12.684 ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	11384	2.250 ug/L	97
33) Benzene	5.764	78	24263612m	1831.728 ug/L	
40) 4-Methyl-2-pentanone	7.793	43	116652	20.522 ug/L	97
42) Toluene	7.970	91	5606387	403.128 ug/L	100
48) 2-Hexanone	8.687	43	184197	38.805 ug/L	94
51) Chlorobenzene	9.443	112	21635218m	2158.251 ug/L	
52) Ethylbenzene	9.571	91	338571	23.507 ug/L	99
53) m,p-Xylene	9.693	106	189983	33.426 ug/L	100
54) o-Xylene	10.098	106	128403	22.426 ug/L	98
61) Isopropylbenzene	10.484	105	45771	3.110 ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	20259	2.612 ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	121706	10.205 ug/L	98

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 28 04:40:14 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

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Manual Integrations APPROVED

Reviewed By :Krupa Patel
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04/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,3-Dichlorobenzene	11.745	146	11960	1.449	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	64235	7.625	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	127270	14.642	ug/L	99

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

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On    : 27 Apr 2022  18:10
Operator  : SY/MD
Sample    : N2587-10
Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 22   Sample Multiplier: 1

Quant Time: Apr 28 04:40:14 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
```

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Manual Integrations APPROVED

Reviewed By :Krupa Patel
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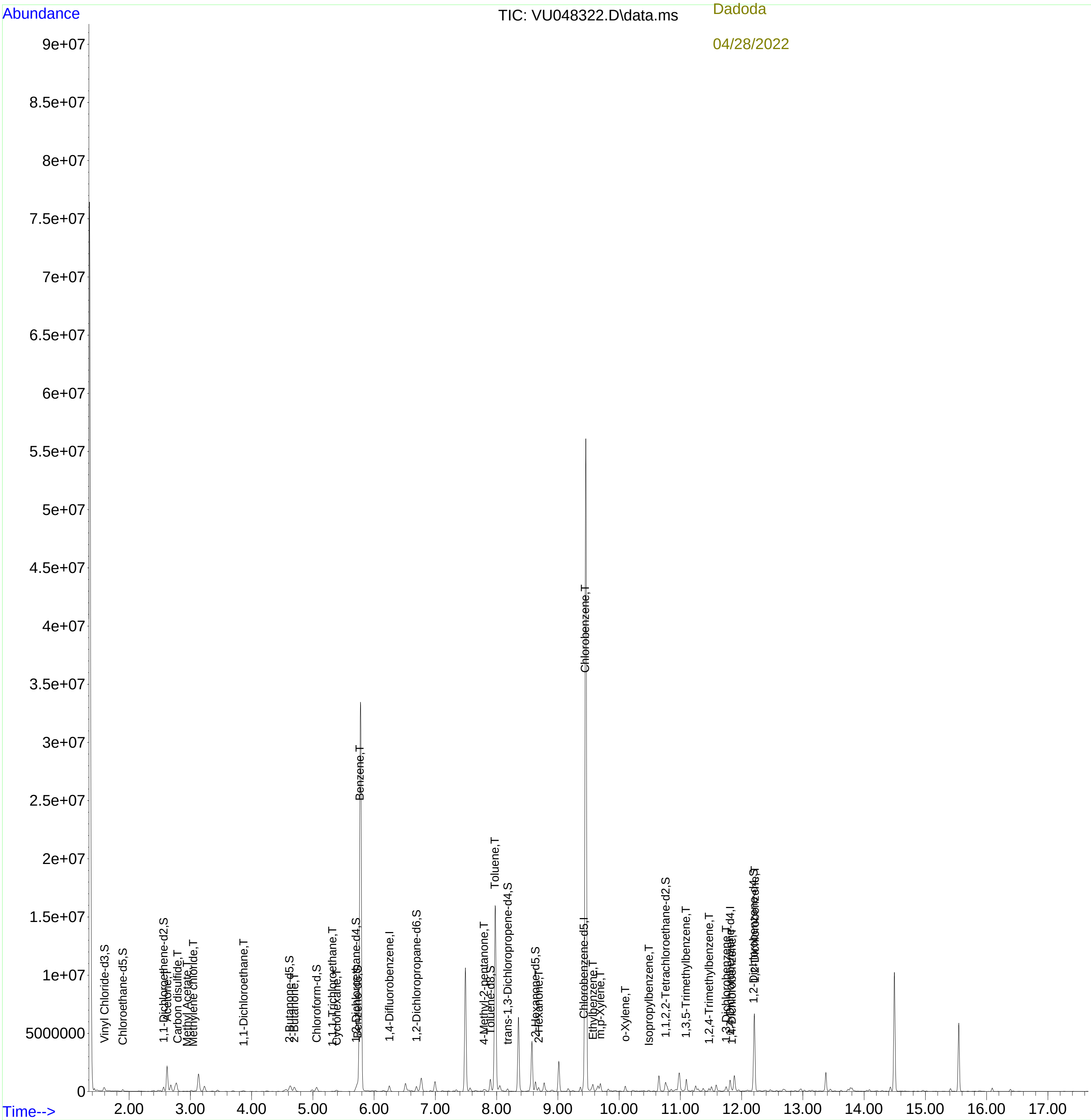

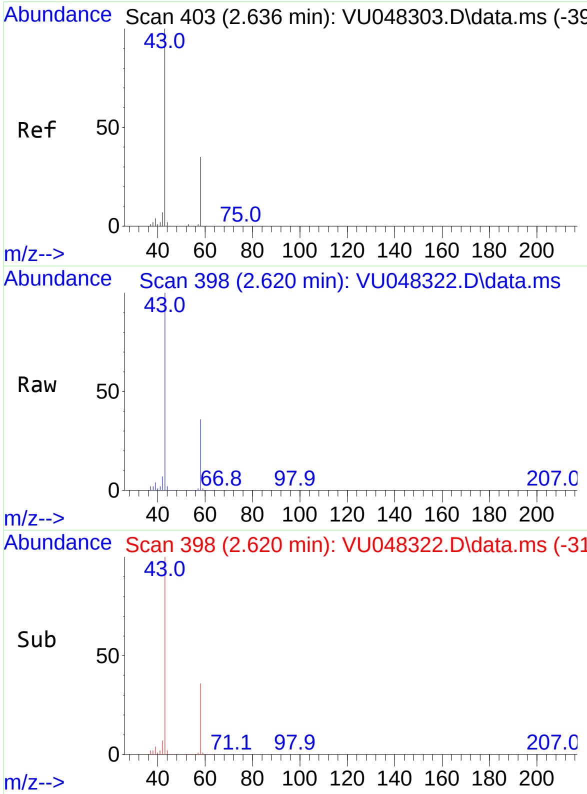

#13
Acetone
Concen: 1109.793 ug/L
RT: 2.620 min Scan# 39
Delta R.T. -0.016 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Tgt Ion: 43 Resp: 2335886

Ion	Ratio	Lower	Upper
43	100		
58	35.6	0.0	71.2

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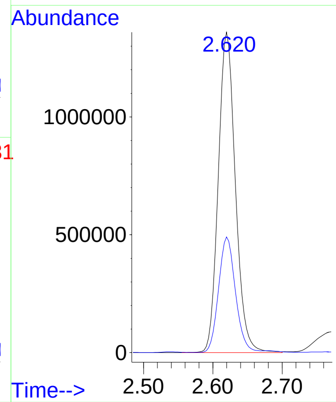
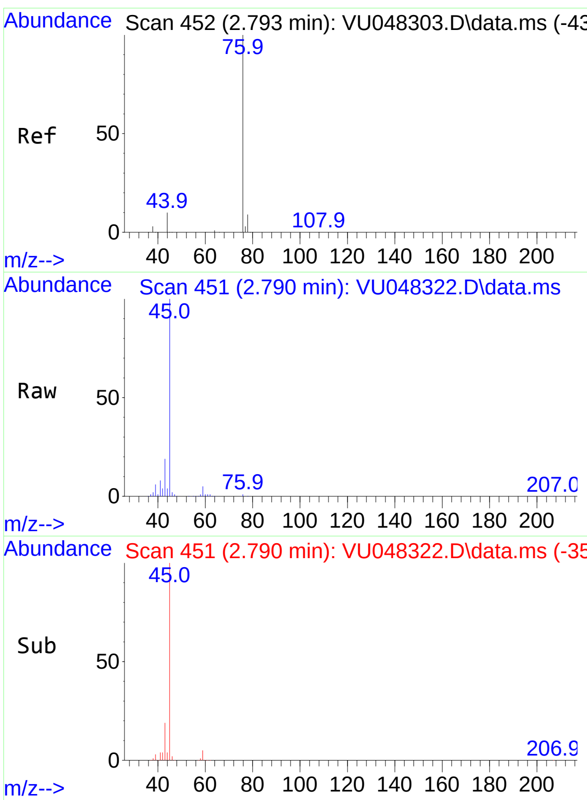
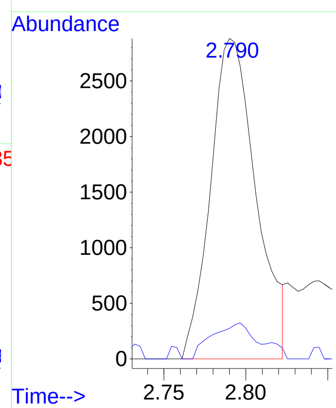


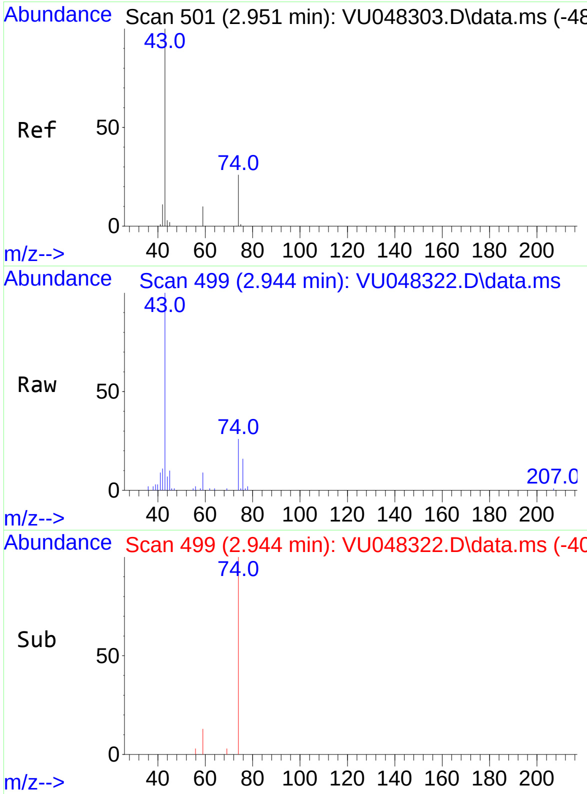


#14
Carbon disulfide
Concen: 0.830 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion: 76 Resp: 5562

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2





#15
Methyl Acetate
Concen: 7.227 ug/L
RT: 2.944 min Scan# 49
Delta R.T. -0.006 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion: 43 Resp: 3019

Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.0	31.6

Instrument :
MSVOA_U
ClientSampleId :
EXET6

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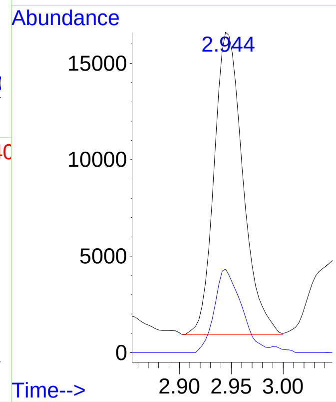
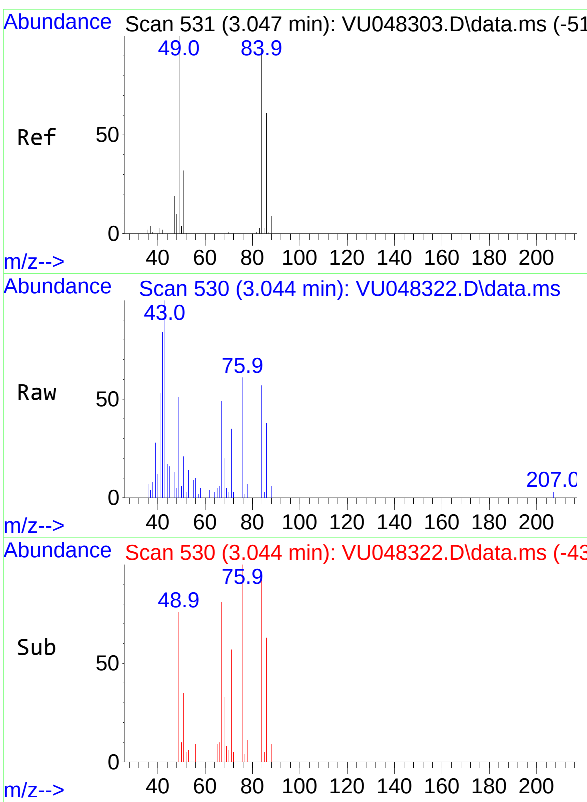
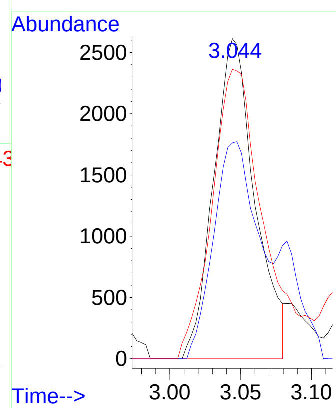


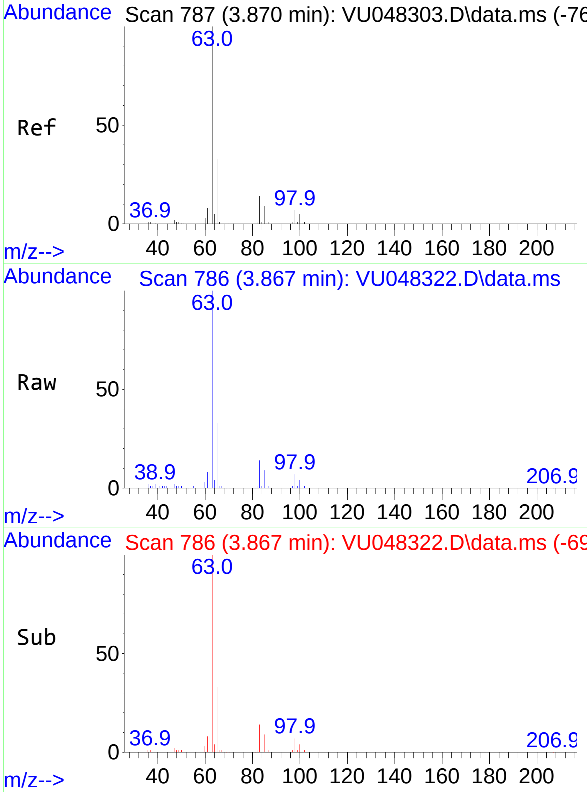


#16
Methylene chloride
Concen: 1.497 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion: 84 Resp: 5304

Ion	Ratio	Lower	Upper
84	100		
86	67.5	45.4	84.2
49	90.4	79.2	147.0





#19
1,1-Dichloroethane
Concen: 11.465 ug/L
RT: 3.867 min   Scan# 78
Delta R.T.   -0.003 min
Lab File: VU048322.D
Acq: 27 Apr 2022   18:10

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Tgt Ion: 63 Resp: 68462

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.0	40.8
83	13.7	8.8	16.4

Manual Integrations APPROVED

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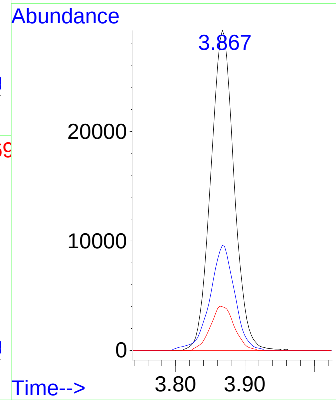
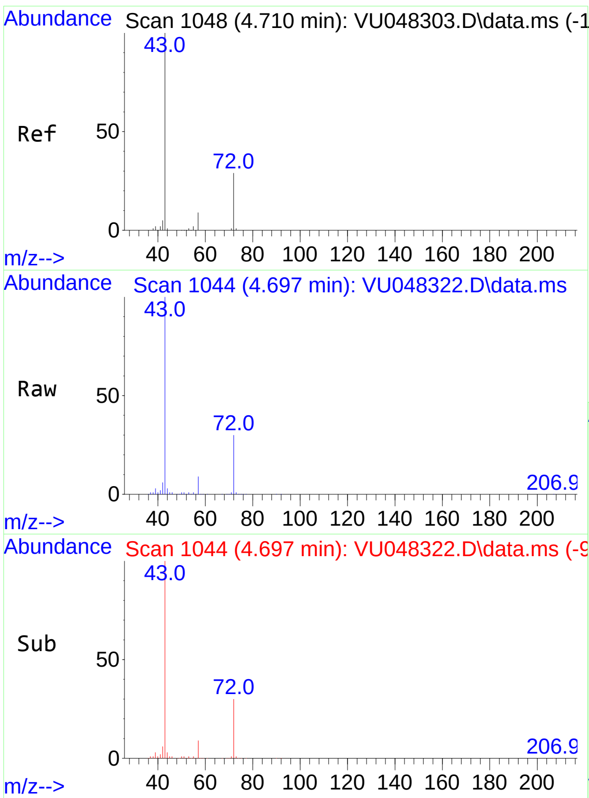
Supervised By :Mahesh Dadoda

04/28/2022

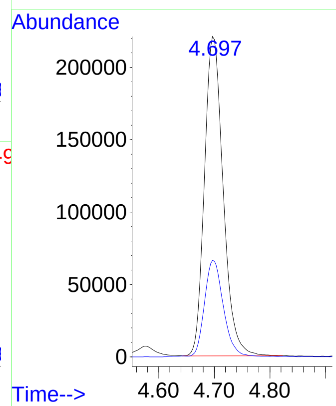


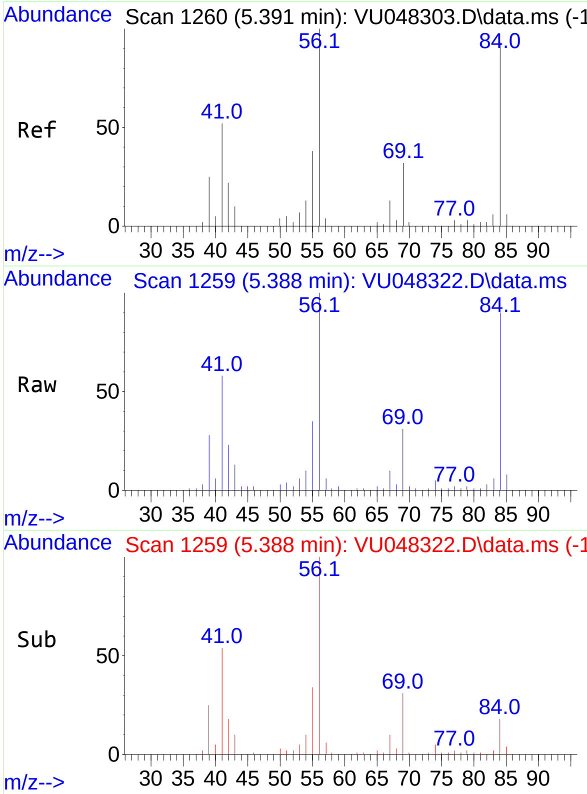


#22
2-Butanone
Concen: 166.338 ug/L
RT: 4.697 min   Scan# 1044
Delta R.T.   -0.013 min
Lab File: VU048322.D
Acq: 27 Apr 2022   18:10

Tgt Ion: 43 Resp: 517714

Ion	Ratio	Lower	Upper
43	100		
72	30.1	14.6	43.8

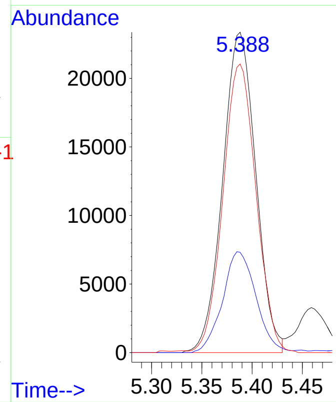




#29
Cyclohexane
Concen: 12.684 ug/L
RT: 5.388 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion: 56 Resp: 5361

Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.2	36.4
84	90.1	72.2	108.2



Instrument :
MSVOA_U
ClientSampleId :
EXET6

Manual Integrations APPROVED

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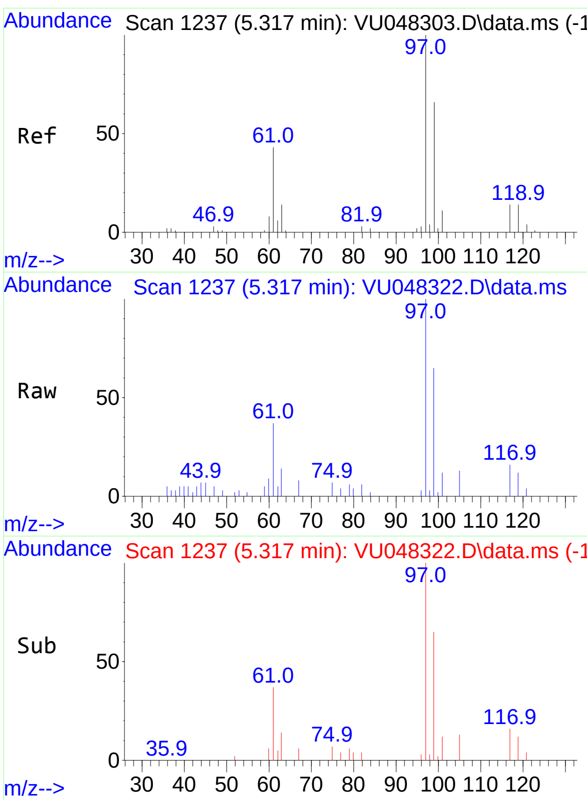
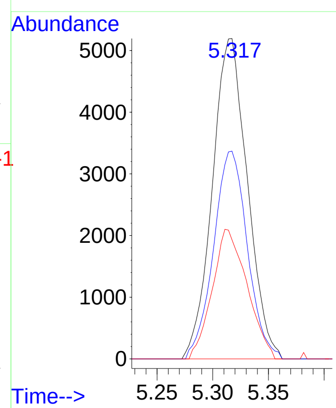
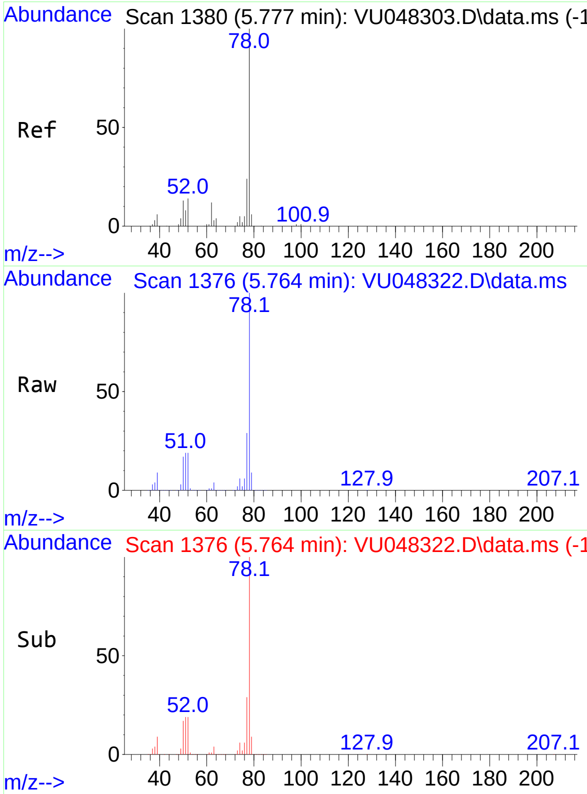


#30
1,1,1-Trichloroethane
Concen: 2.250 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion: 97 Resp: 11384

Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.8	77.8
61	40.1	33.9	50.9





#33
Benzene
Concen: 1831.728 ug/L m
RT: 5.764 min Scan# 1
Delta R.T. -0.013 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion: 78 Resp:2426361

Instrument :
MSVOA_U
ClientSampleId :
EXET6

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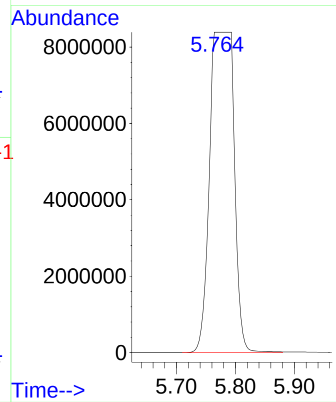
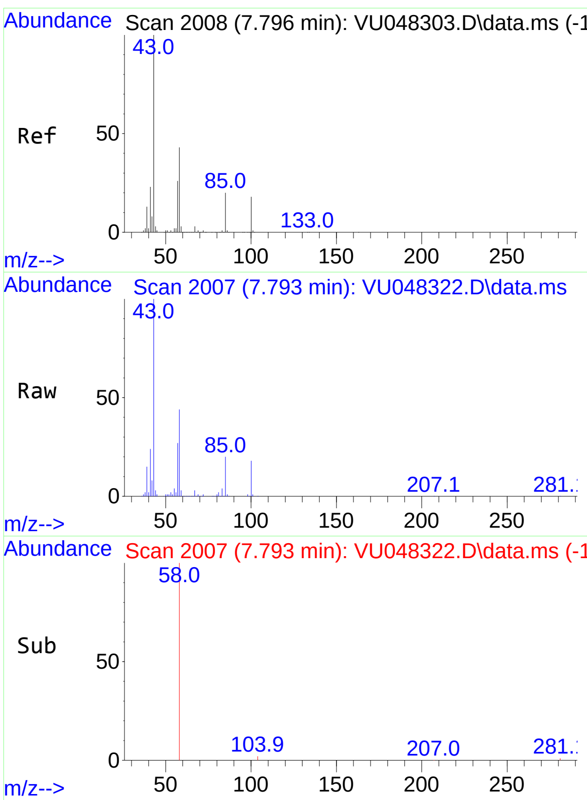
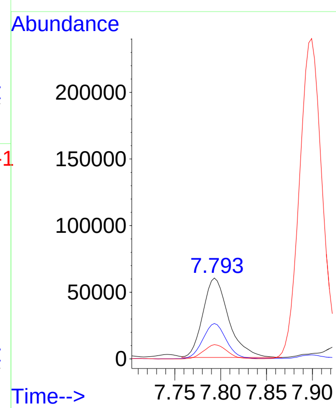


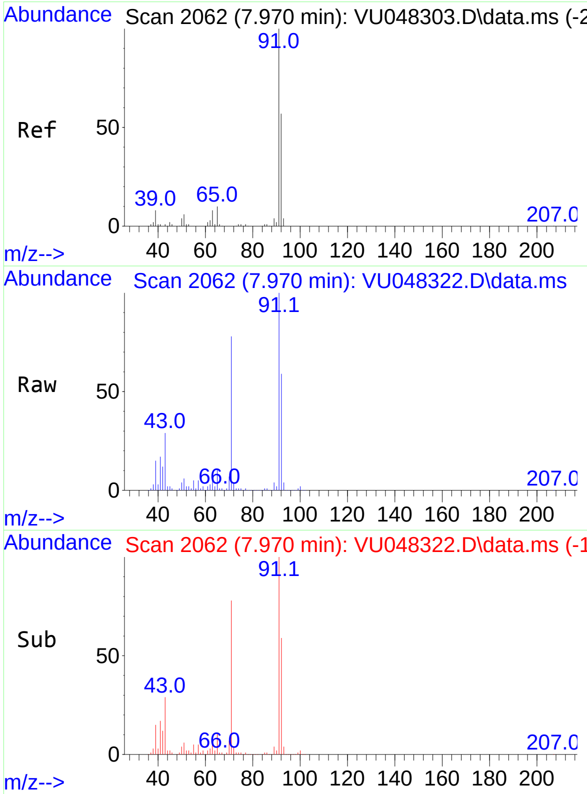


#40
4-Methyl-2-pentanone
Concen: 20.522 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.003 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion: 43 Resp: 116652

Ion	Ratio	Lower	Upper
43	100		
58	40.3	34.4	51.6
100	16.4	13.6	20.4





#42
Toluene
Concen: 403.128 ug/L
RT: 7.970 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Tgt Ion: 91 Resp: 560638

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.9	76.0

Manual Integrations APPROVED

Reviewed By :Krupa Patel
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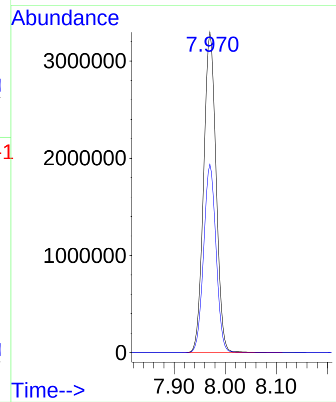
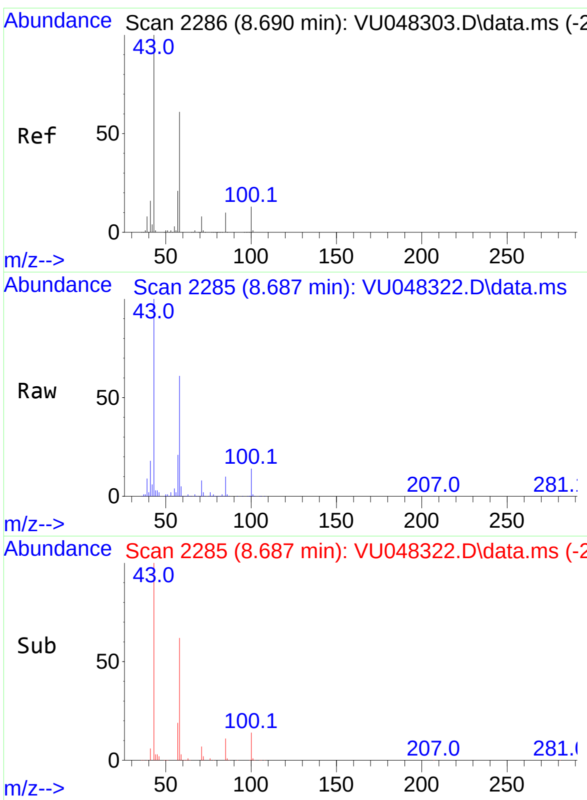
04/28/2022

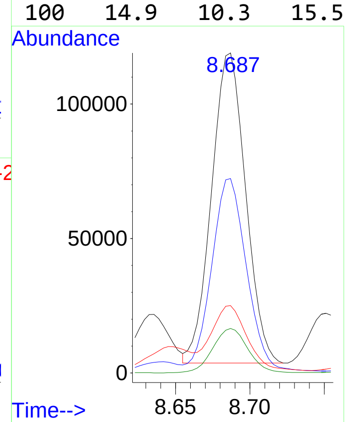


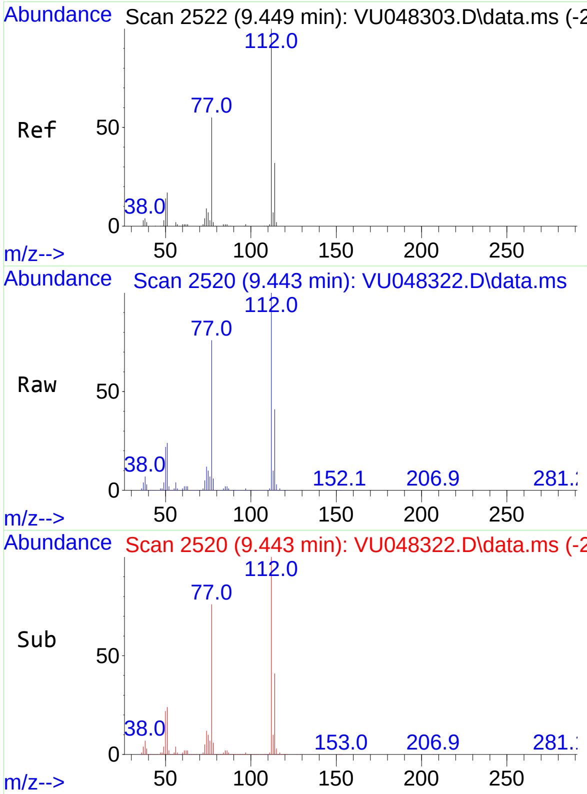


#48
2-Hexanone
Concen: 38.805 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion: 43 Resp: 184197

Ion	Ratio	Lower	Upper
43	100		
58	65.1	48.1	72.1
57	22.6	16.2	24.4
100	14.9	10.3	15.5





#51
Chlorobenzene
Concen: 2158.251 ug/L m
RT: 9.443 min Scan# 2
Delta R.T. -0.006 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion:112 Resp:2163521

Ion	Ratio	Lower	Upper
112	100		
114	41.5	22.7	42.1
77	75.8	44.3	66.5#

Instrument :
MSVOA_U
ClientSampleId :
EXET6

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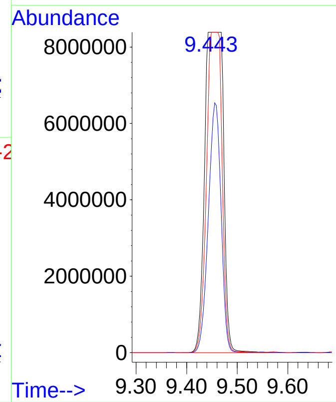
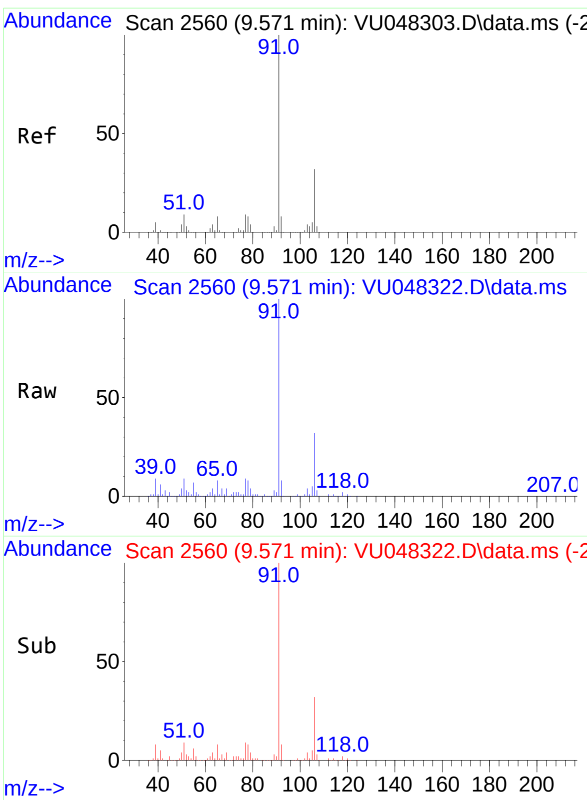
04/28/2022

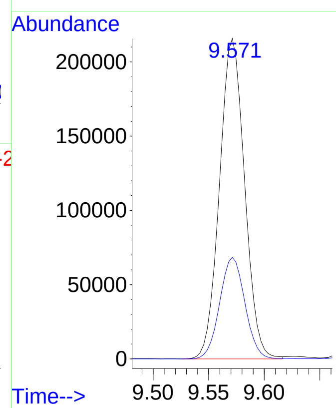


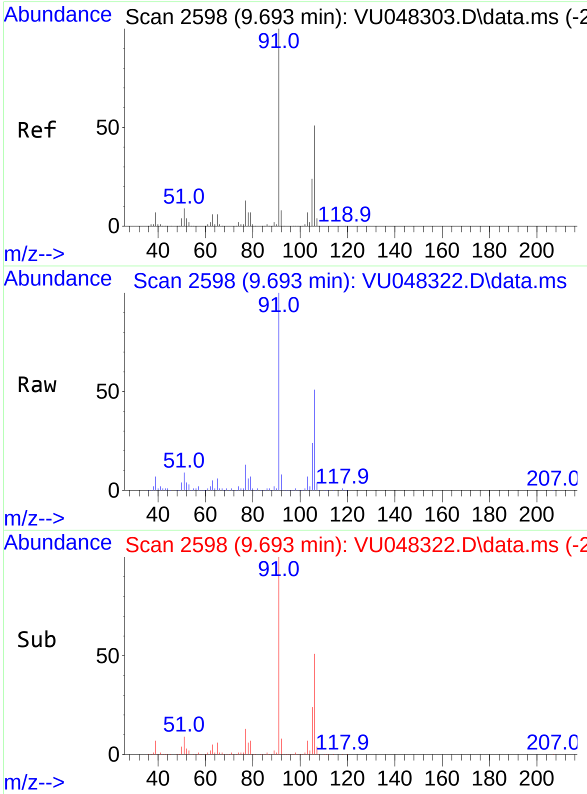


#52
Ethylbenzene
Concen: 23.507 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion: 91 Resp: 338571

Ion	Ratio	Lower	Upper
91	100		
106	31.7	22.5	41.9





#53
m,p-Xylene
Concen: 33.426 ug/L
RT: 9.693 min Scan# 2!
Delta R.T. 0.000 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion:106 Resp: 18998

Ion	Ratio	Lower	Upper
106	100		
91	196.0	137.4	255.2

Instrument :
MSVOA_U
ClientSampleId :
EXET6

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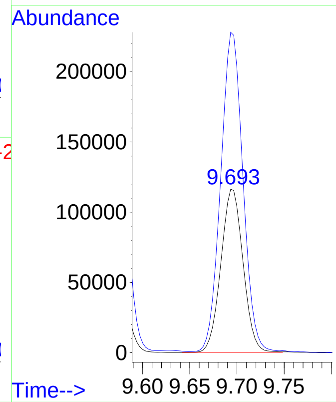
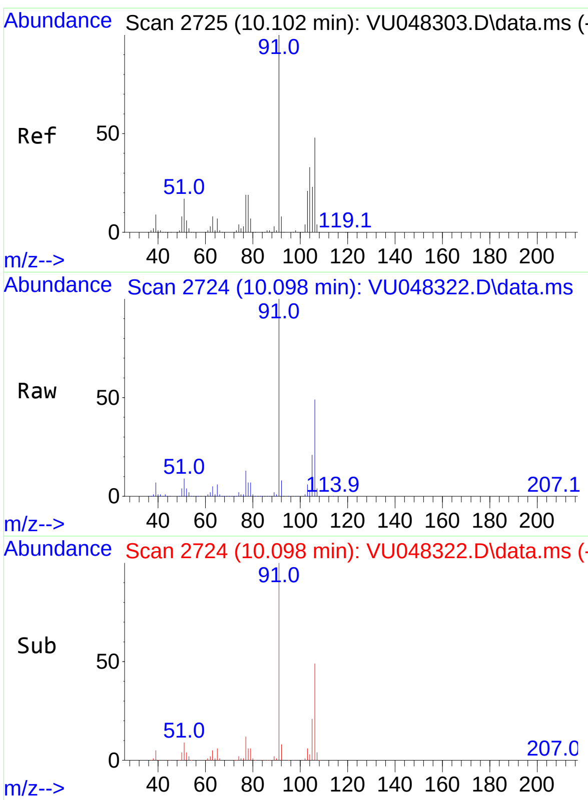
04/28/2022

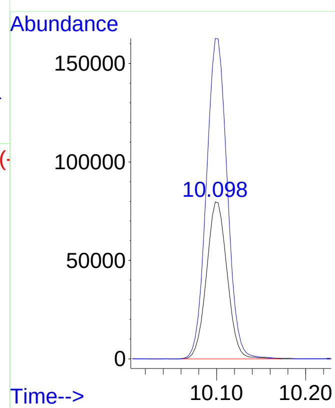


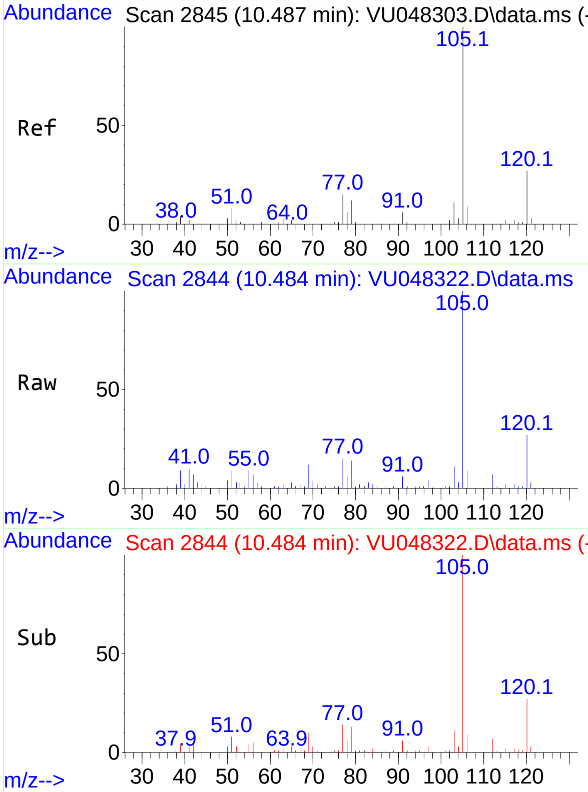


#54
o-Xylene
Concen: 22.426 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion:106 Resp: 128403

Ion	Ratio	Lower	Upper
106	100		
91	204.0	145.3	269.8

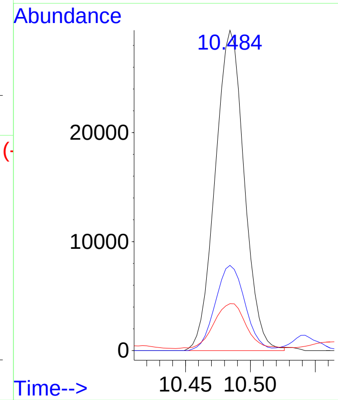




#61
Isopropylbenzene
Concen: 3.110 ug/L
RT: 10.484 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion:105 Resp: 4577

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.7	32.5
77	15.5	11.7	17.5

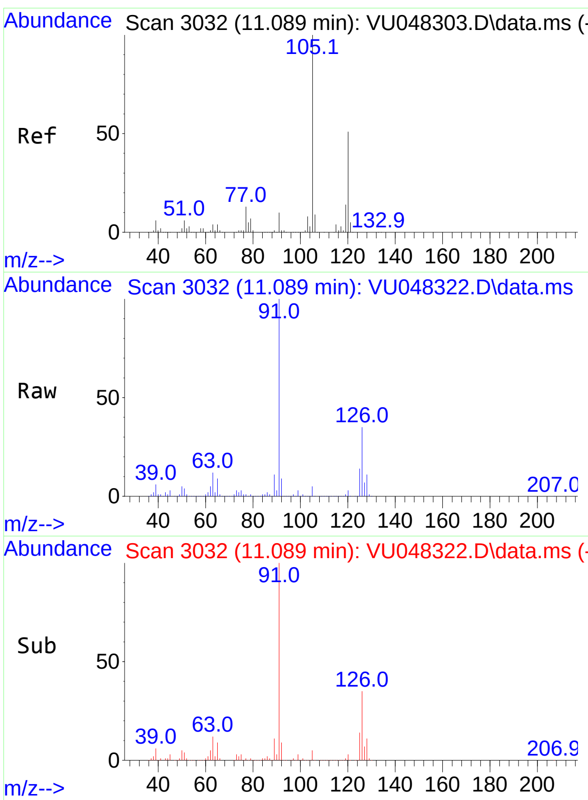


Instrument :
MSVOA_U
ClientSampleId :
EXET6

Manual Integrations APPROVED

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

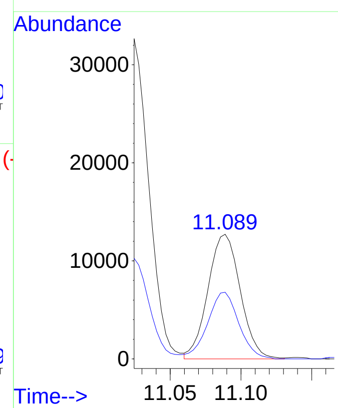
04/28/2022

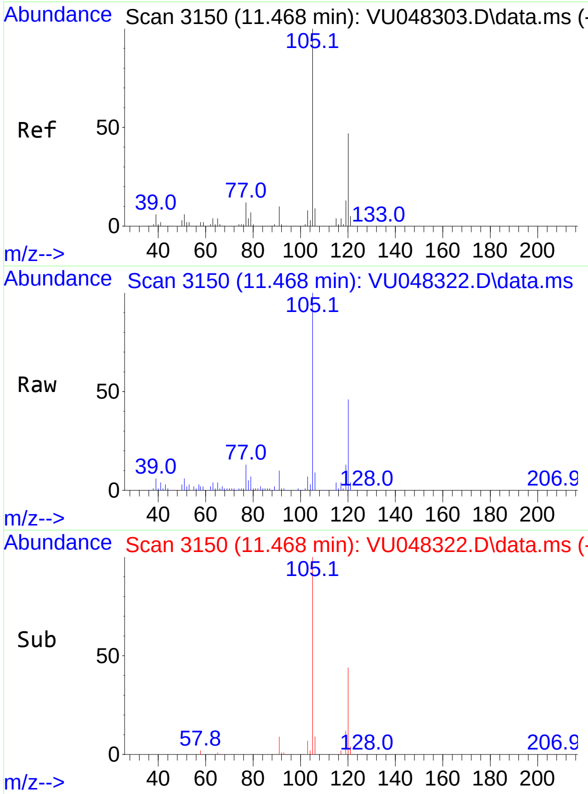


#62
1,3,5-Trimethylbenzene
Concen: 2.612 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion:105 Resp: 20259

Ion	Ratio	Lower	Upper
105	100		
120	51.8	40.7	61.1

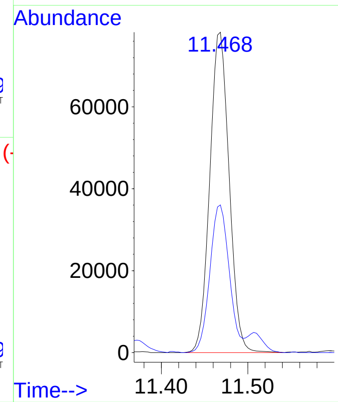




#63
1,2,4-Trimethylbenzene
Concen: 10.205 ug/L
RT: 11.468 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion:105 Resp: 12170

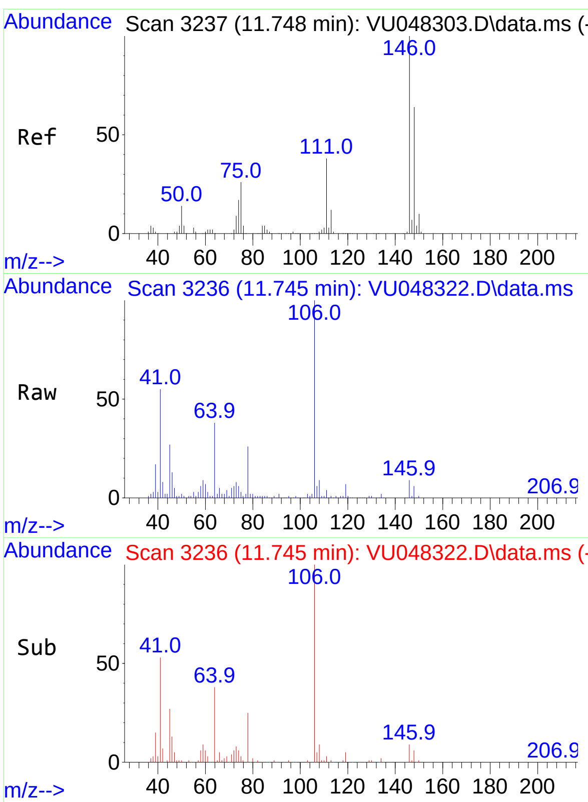
Ion	Ratio	Lower	Upper
105	100		
120	46.2	38.0	57.0



Instrument :
MSVOA_U
ClientSampleId :
EXET6

Manual Integrations APPROVED

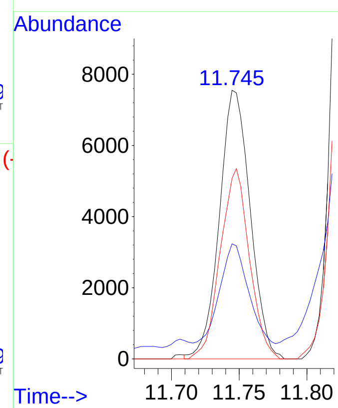
Reviewed By :Krupa Patel
04/28/2022
Supervised By :Mahesh Dadoda
04/28/2022

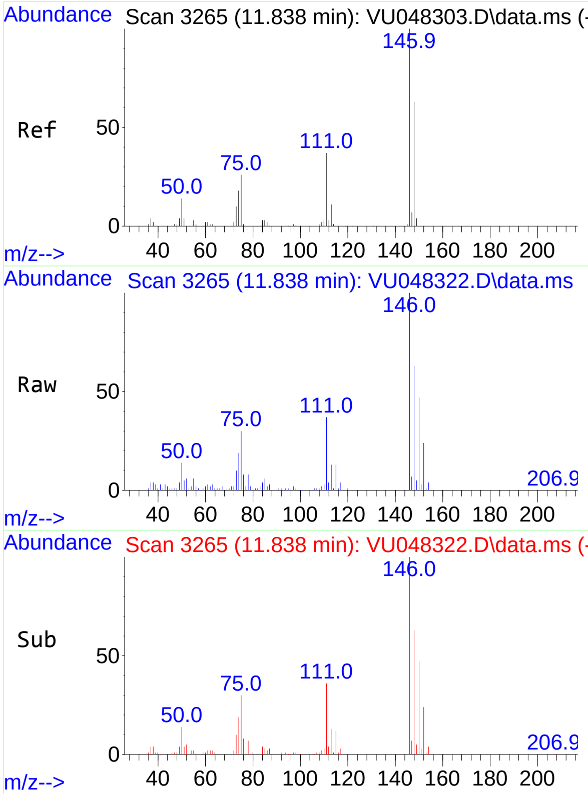


#64
1,3-Dichlorobenzene
Concen: 1.449 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion:146 Resp: 11960

Ion	Ratio	Lower	Upper
146	100		
111	42.8	26.7	49.7
148	67.2	44.9	83.5

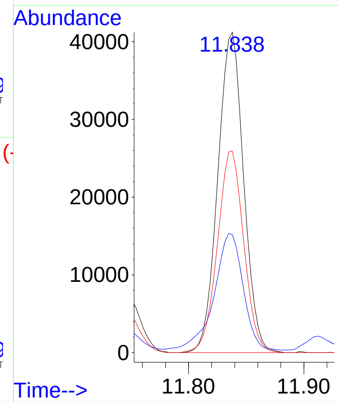




#65
1,4-Dichlorobenzene
Concen: 7.625 ug/L
RT: 11.838 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion:146 Resp: 6423

Ion	Ratio	Lower	Upper
146	100		
111	36.8	25.9	48.1
148	62.9	45.1	83.7

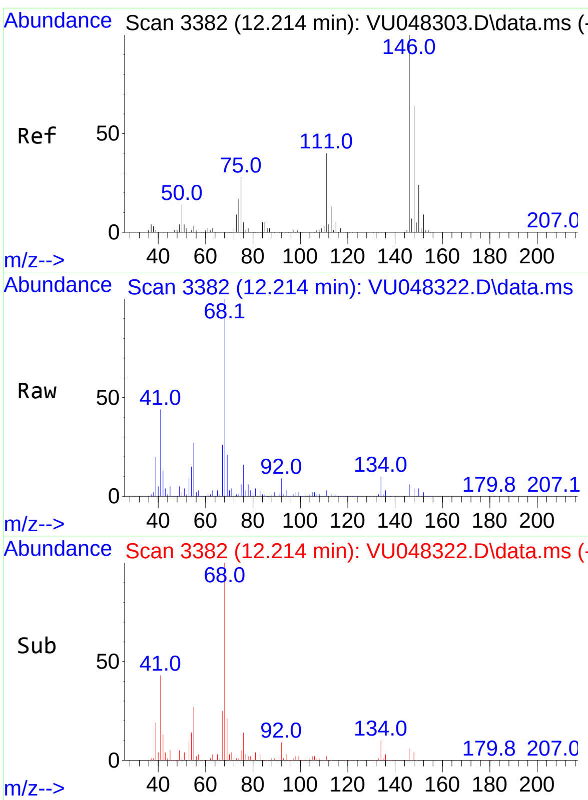


Instrument :
MSVOA_U
ClientSampleId :
EXET6

Manual Integrations APPROVED

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

04/28/2022



#67
1,2-Dichlorobenzene
Concen: 14.642 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048322.D
Acq: 27 Apr 2022 18:10

Tgt Ion:146 Resp: 127270

Ion	Ratio	Lower	Upper
146	100		
111	40.2	31.7	47.5
148	63.8	50.9	76.3