

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
 Data File : VU048320.D
 Acq On : 27 Apr 2022 17:22
 Operator : SY/MD
 Sample : N2587-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET4

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 04:39:27 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	370936	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	425132	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	258201	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	145643	42.698	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.400%		
7) Chloroethane-d5	1.899	69	123072	51.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.800%		
11) 1,1-Dichloroethene-d2	2.565	63	192504	35.222	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.440%		
21) 2-Butanone-d5	4.620	46	267898	92.084	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.080%		
24) Chloroform-d	5.063	84	276193	44.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.280%		
26) 1,2-Dichloroethane-d4	5.703	65	177546	48.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.740%		
32) Benzene-d6	5.729	84	607585	45.315	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.620%		
36) 1,2-Dichloropropane-d6	6.690	67	192579	43.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.880%		
41) Toluene-d8	7.899	98	570196	46.916	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.840%		
43) trans-1,3-Dichloroprop...	8.182	79	92593	47.339	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.680%		
47) 2-Hexanone-d5	8.626	63	216125m	90.369	ug/L	-0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.370%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	348097	44.776	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.560%		
66) 1,2-Dichlorobenzene-d4	12.195	152	282779	48.685	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.380%		
Target Compounds						Qvalue
13) Acetone	2.623	43	177633	95.108	ug/L	98
15) Methyl Acetate	2.948	43	9893	2.668	ug/L	93
16) Methylene chloride	3.044	84	21769	6.923	ug/L	95
19) 1,1-Dichloroethane	3.870	63	26841	5.066	ug/L	96
20) cis-1,2-Dichloroethene	4.668	96	8729	2.858	ug/L	91
22) 2-Butanone	4.710	43	20384	7.381	ug/L	93
29) Cyclohexane	5.385	56	30300	7.543	ug/L	99
33) Benzene	5.767	78	21154350m	1680.646	ug/L	
37) 1,2-Dichloropropane	6.790	63	7999	2.234	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	11382	2.107	ug/L	97
42) Toluene	7.970	91	1287006	97.389	ug/L	100
48) 2-Hexanone	8.687	43	153856	34.110	ug/L	97
51) Chlorobenzene	9.443	112	22457623m	2357.631	ug/L	
52) Ethylbenzene	9.574	91	11033	0.806	ug/L	89
53) m,p-Xylene	9.693	106	9948	1.842	ug/L	90
54) o-Xylene	10.102	106	10151	1.866	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	37037	4.482	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	335070	39.298	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
 Data File : VU048320.D
 Acq On : 27 Apr 2022 17:22
 Operator : SY/MD
 Sample : N2587-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET4

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 04:39:27 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)
----------	------	------	----------	------	-------	----------

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

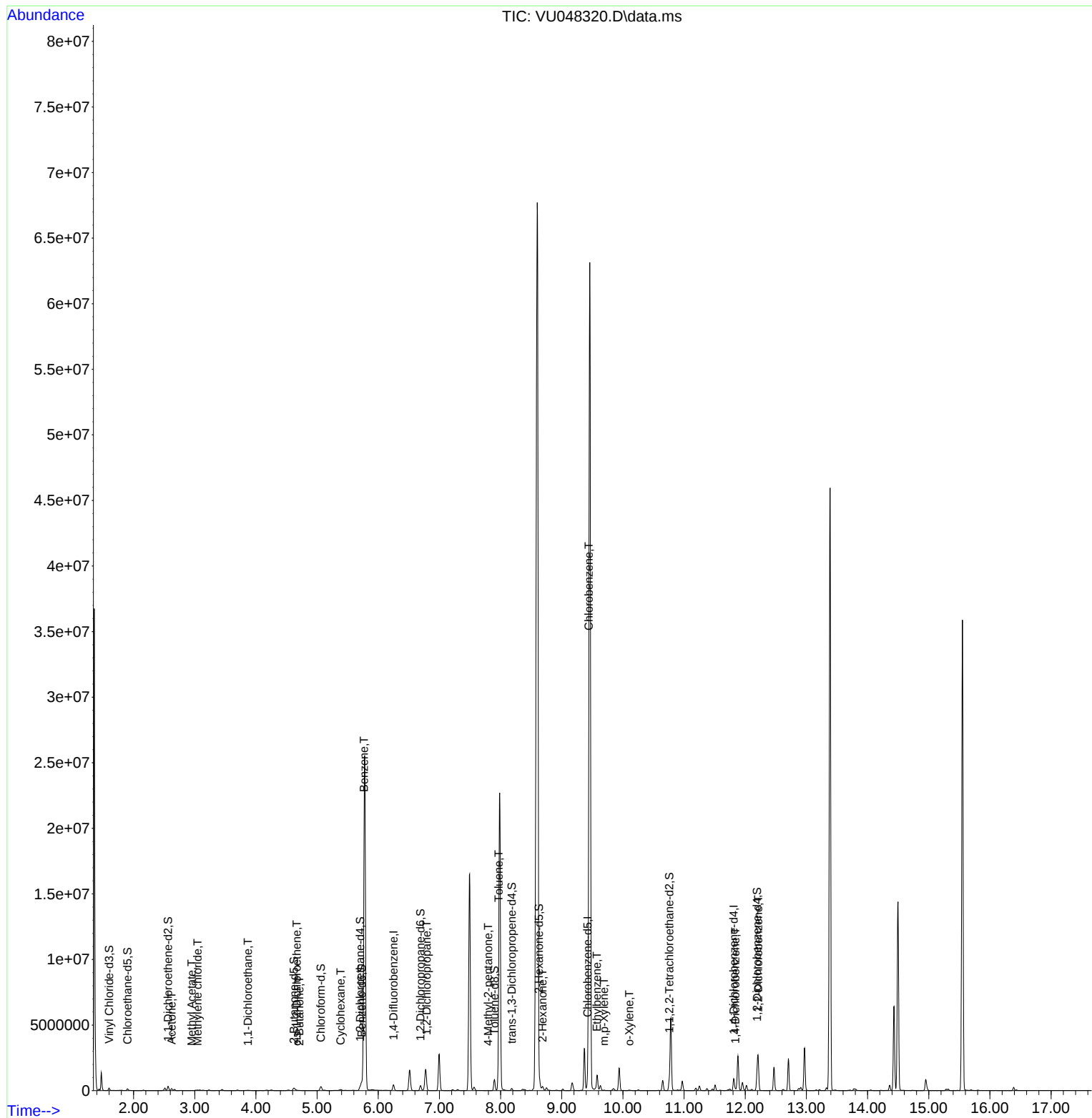
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048320.D
Acq On : 27 Apr 2022 17:22
Operator : SY/MD
Sample : N2587-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

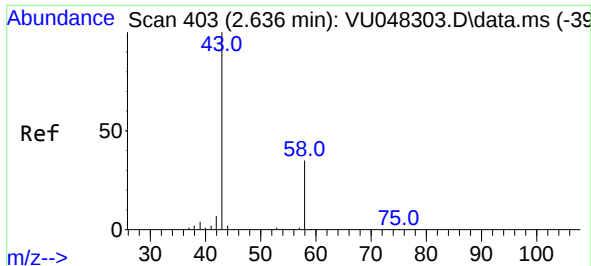
Instrument :
MSVOA_U
ClientSampleId :
EXET4

Quant Time: Apr 28 04:39:27 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

Manual Integrations
APPROVED

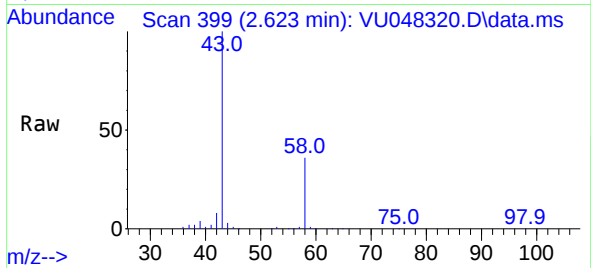
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022





#13
Acetone
Concen: 95.108 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

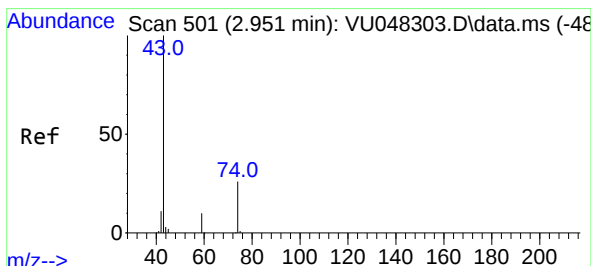
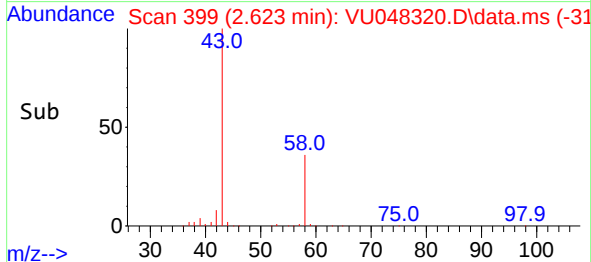
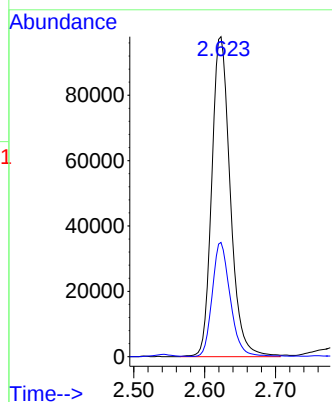
Instrument :
MSVOA_U
ClientSampleId :
EXET4



Tgt Ion: 43 Resp: 17763
Ion Ratio Lower Upper
43 100
58 34.4 0.0 71.2

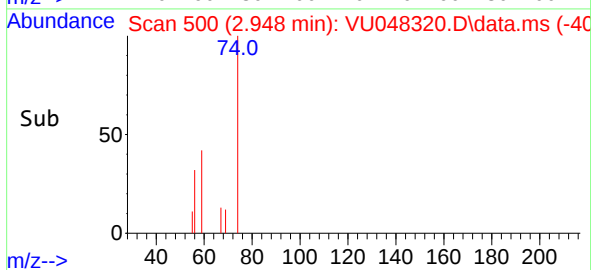
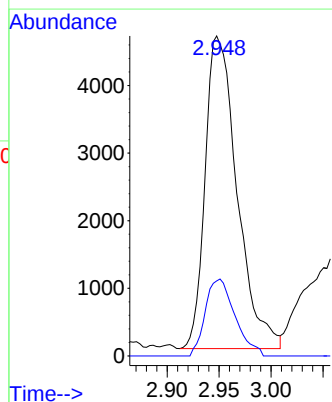
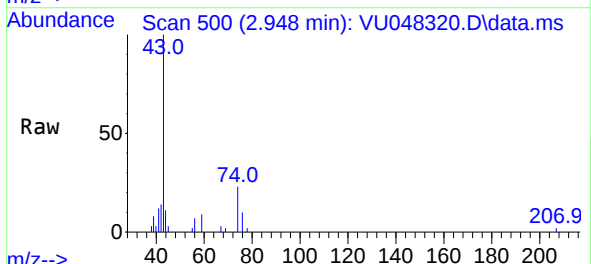
Manual Integrations
APPROVED

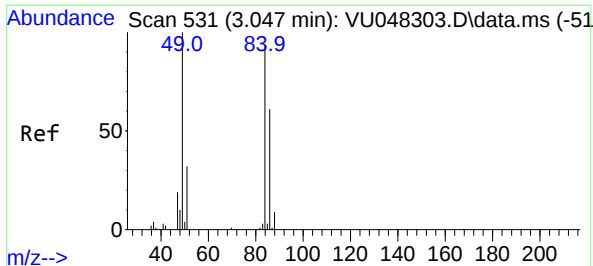
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#15
Methyl Acetate
Concen: 2.668 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.003 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

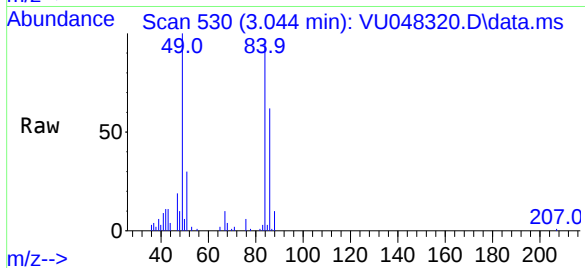
Tgt Ion: 43 Resp: 9893
Ion Ratio Lower Upper
43 100
74 22.8 21.0 31.6





#16
Methylene chloride
Concen: 6.923 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

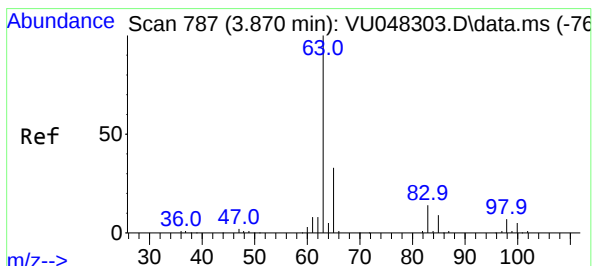
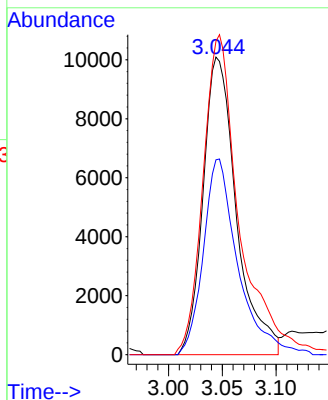
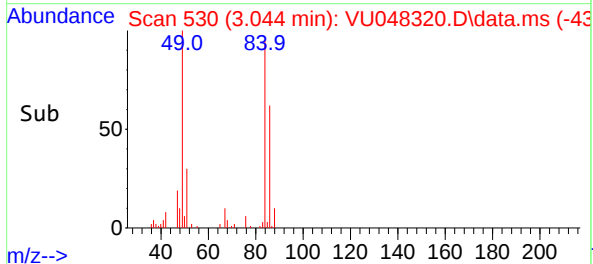
Instrument :
MSVOA_U
ClientSampleId :
EXET4



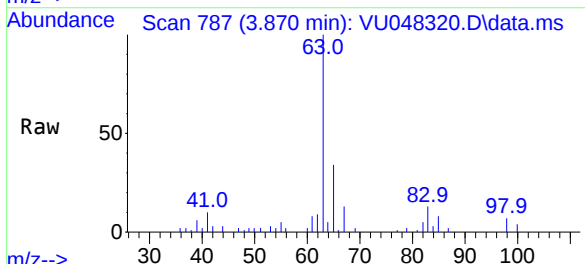
Tgt Ion: 84 Resp: 21769
Ion Ratio Lower Upper
84 100
86 65.5 45.4 84.2
49 105.3 79.2 147.0

Manual Integrations
APPROVED

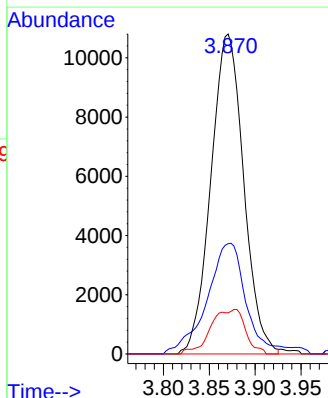
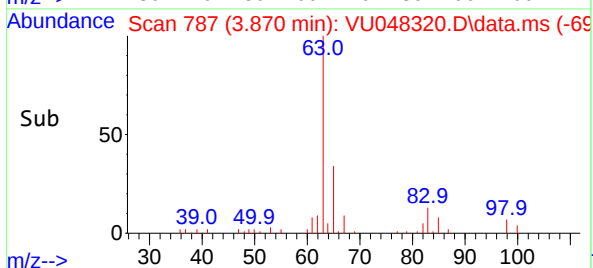
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

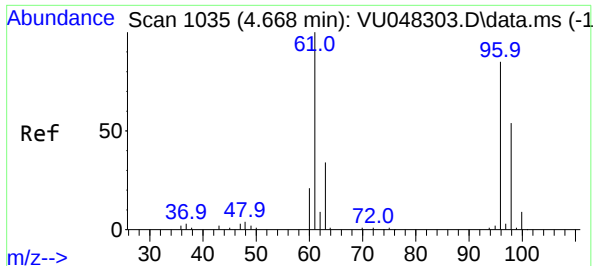


#19
1,1-Dichloroethane
Concen: 5.066 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.000 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22



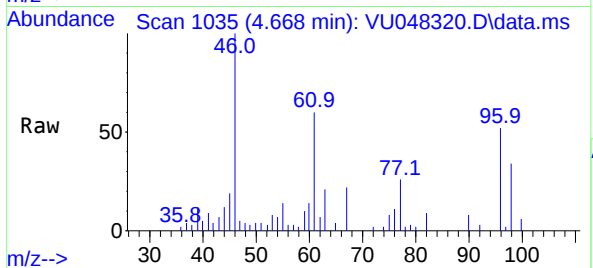
Tgt Ion: 63 Resp: 26841
Ion Ratio Lower Upper
63 100
65 34.4 22.0 40.8
83 12.9 8.8 16.4





#20
cis-1,2-Dichloroethene
Concen: 2.858 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

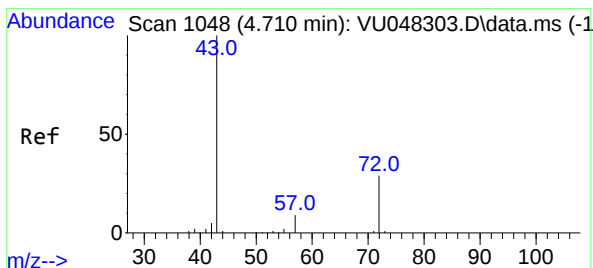
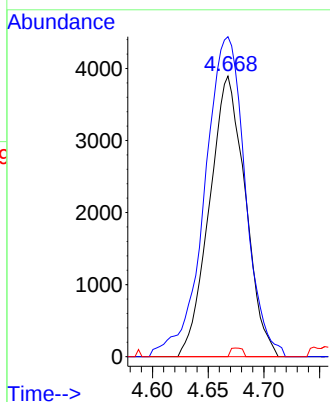
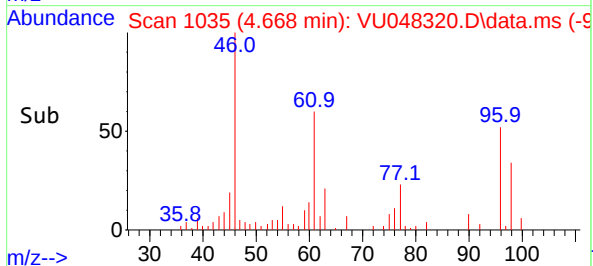
Instrument :
MSVOA_U
ClientSampleId :
EXET4



Tgt Ion: 96 Resp: 8729
Ion Ratio Lower Upper
96 100
61 114.0 87.0 161.6
68 0.0 0.0 0.0

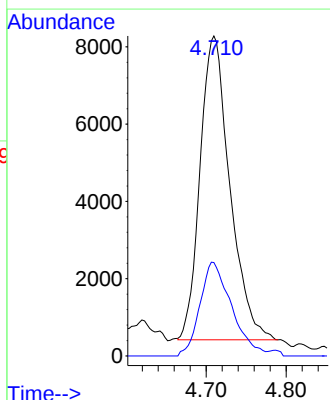
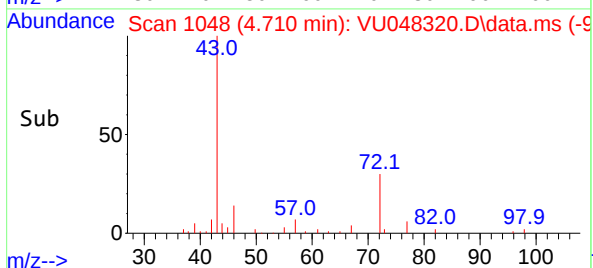
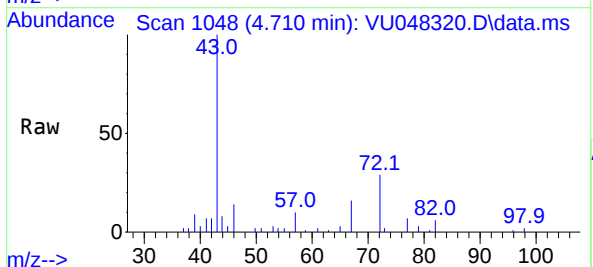
Manual Integrations
APPROVED

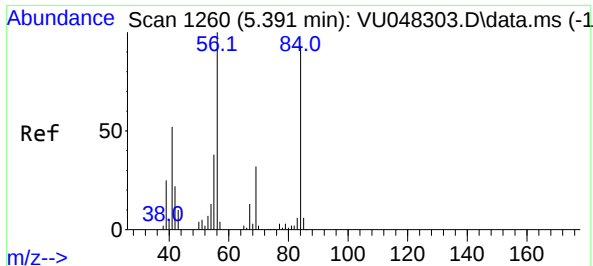
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#22
2-Butanone
Concen: 7.381 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

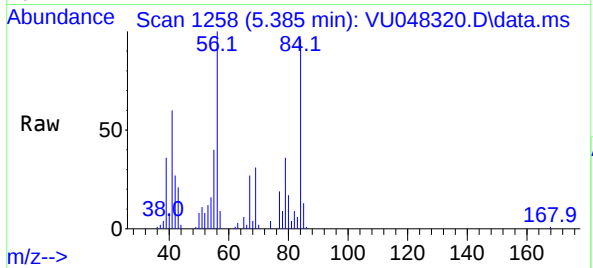
Tgt Ion: 43 Resp: 20384
Ion Ratio Lower Upper
43 100
72 32.7 14.6 43.8





#29
Cyclohexane
Concen: 7.543 ug/L
RT: 5.385 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

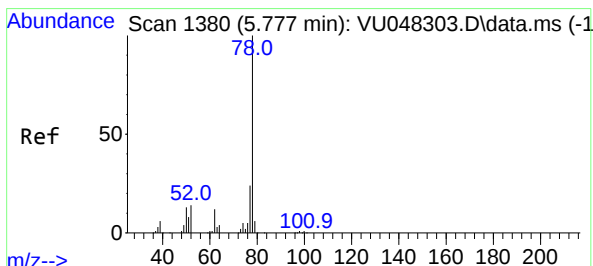
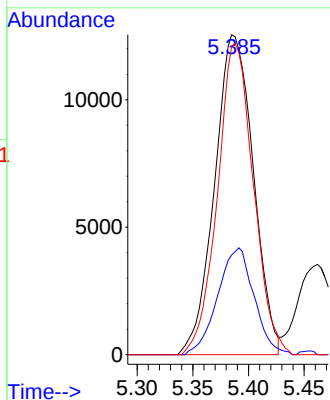
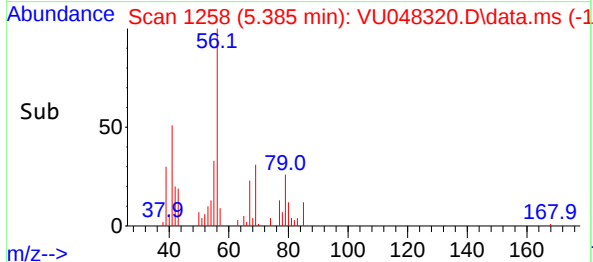
Instrument :
MSVOA_U
ClientSampleId :
EXET4



Tgt Ion: 56 Resp: 30300
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.4
84 90.4 72.2 108.2

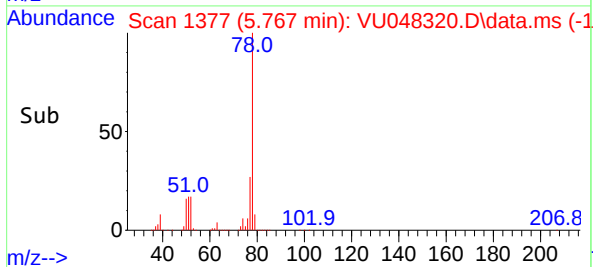
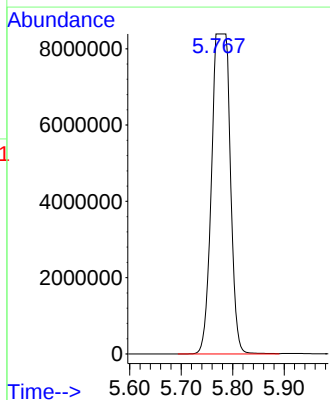
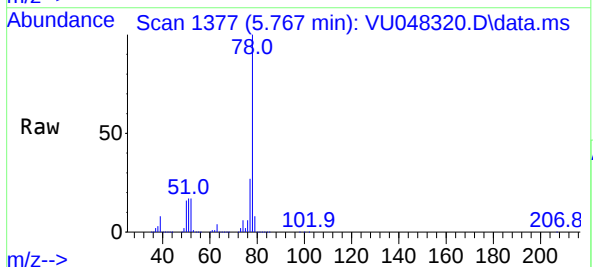
Manual Integrations
APPROVED

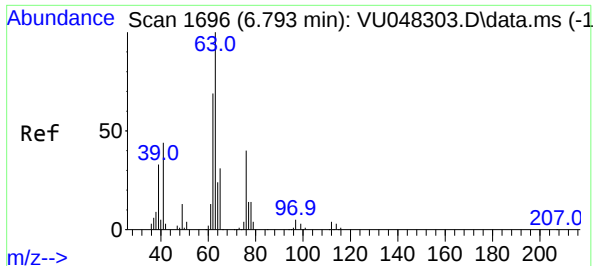
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#33
Benzene
Concen: 1680.646 ug/L m
RT: 5.767 min Scan# 1377
Delta R.T. -0.010 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

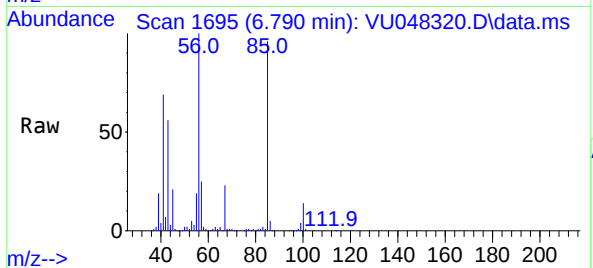
Tgt Ion: 78 Resp:21154350





#37
1,2-Dichloropropane
Concen: 2.234 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

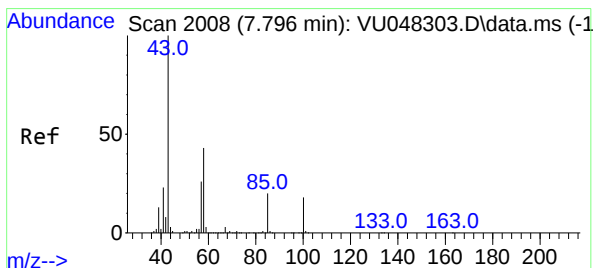
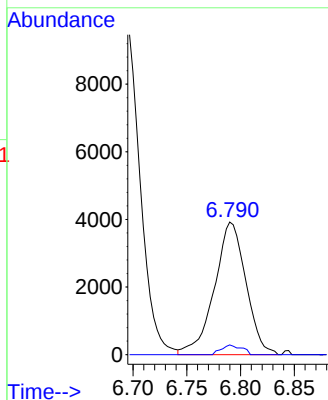
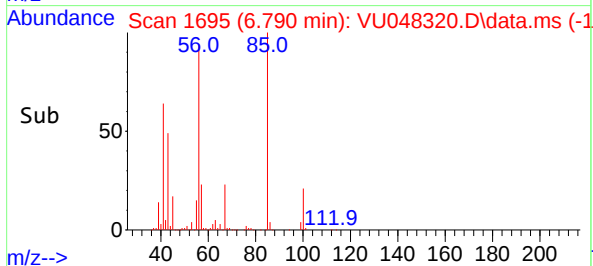
Instrument :
MSVOA_U
ClientSampleId :
EXET4



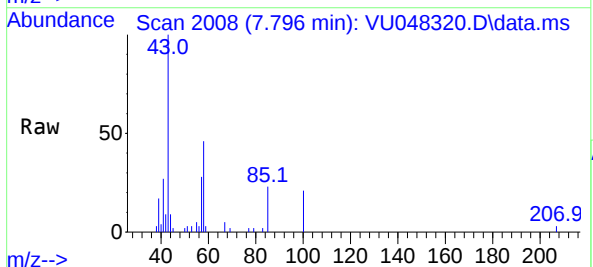
Tgt Ion: 63 Resp: 799
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7

Manual Integrations
APPROVED

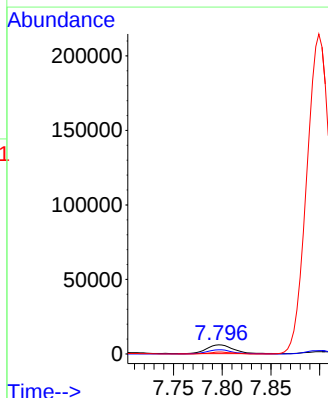
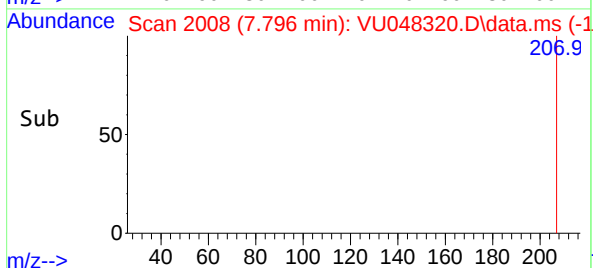
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

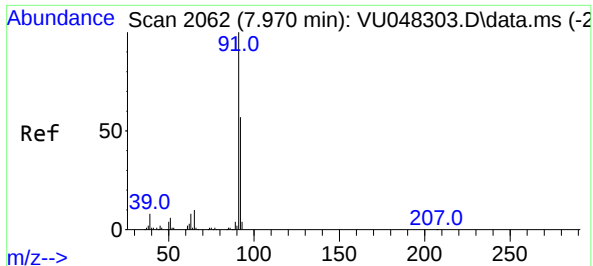


#40
4-Methyl-2-pentanone
Concen: 2.107 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22



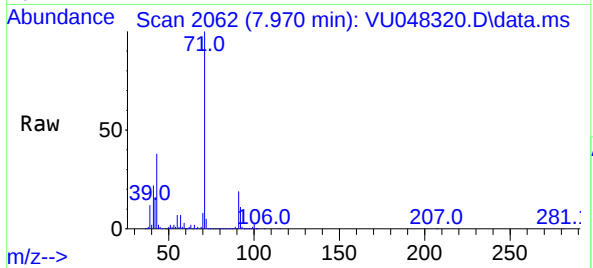
Tgt Ion: 43 Resp: 11382
Ion Ratio Lower Upper
43 100
58 44.7 34.4 51.6
100 18.6 13.6 20.4





#42
Toluene
Concen: 97.389 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

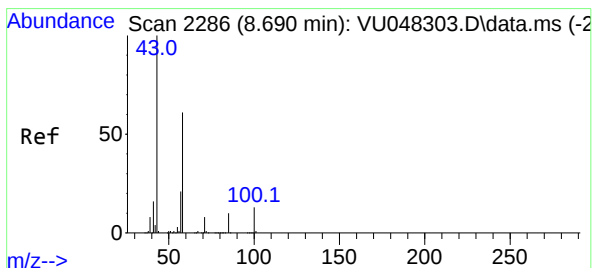
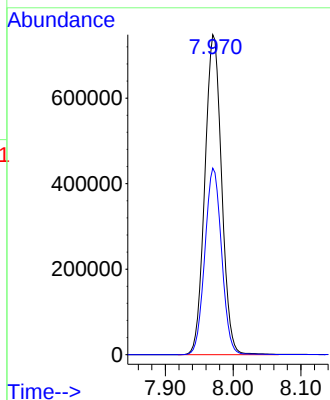
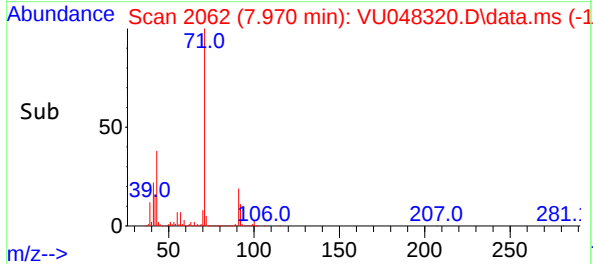
Instrument :
MSVOA_U
ClientSampleId :
EXET4



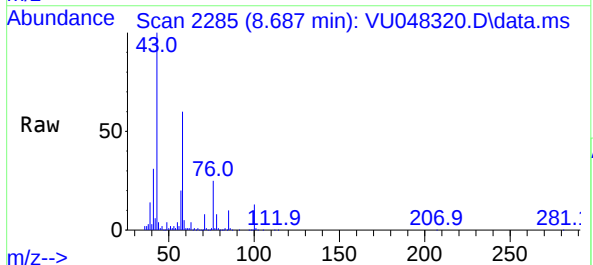
Tgt Ion: 91 Resp: 1287000
Ion Ratio Lower Upper
91 100
92 58.3 40.9 76.0

Manual Integrations
APPROVED

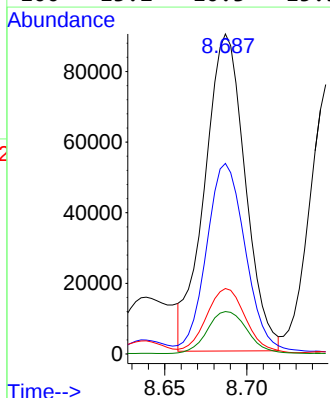
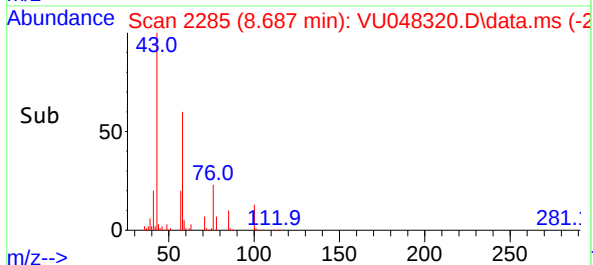
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

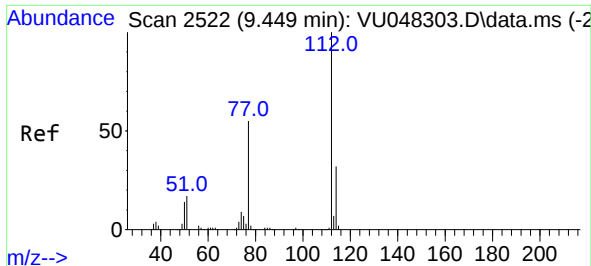


#48
2-Hexanone
Concen: 34.110 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22



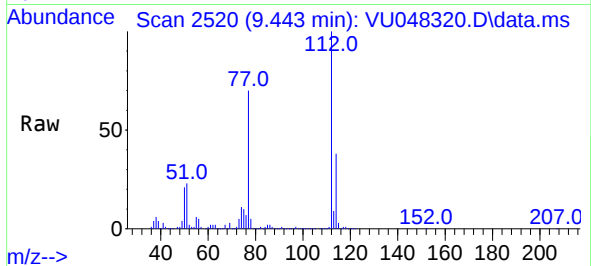
Tgt Ion: 43 Resp: 153856
Ion Ratio Lower Upper
43 100
58 57.4 48.1 72.1
57 19.7 16.2 24.4
100 13.2 10.3 15.5





#51
Chlorobenzene
Concen: 2357.631 ug/L m
RT: 9.443 min Scan# 2522
Delta R.T. -0.006 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

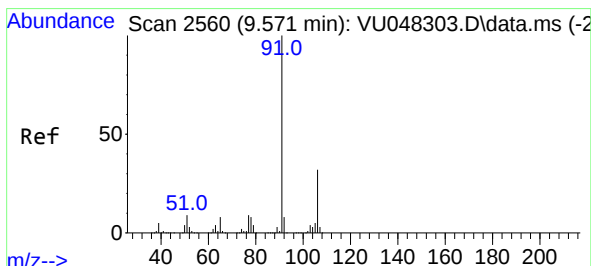
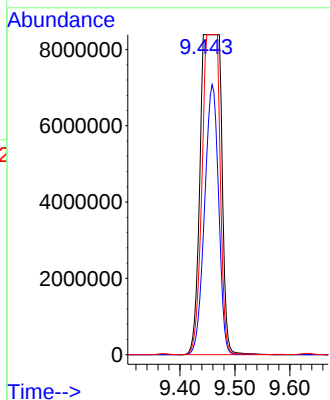
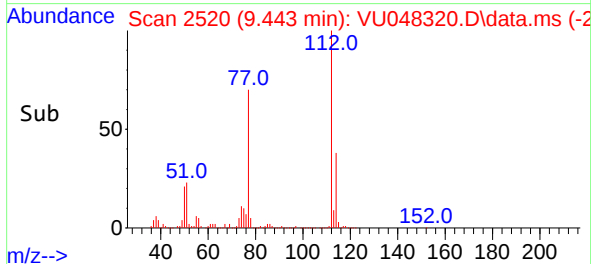
Instrument :
MSVOA_U
ClientSampleId :
EXET4



Tgt Ion:112 Resp:2245762
Ion Ratio Lower Upper
112 100
114 37.6 22.7 42.1
77 70.0 44.3 66.5

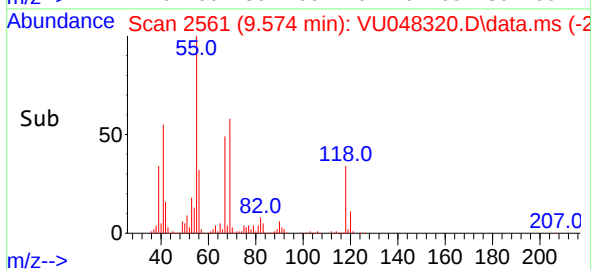
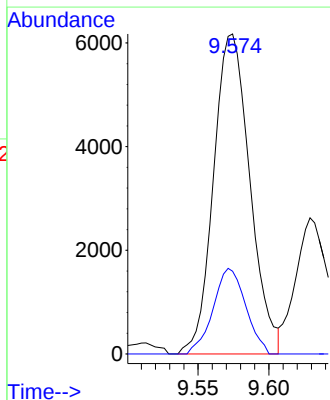
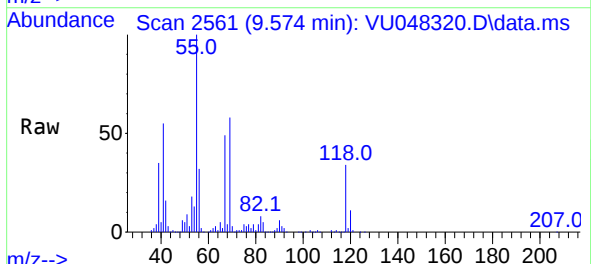
Manual Integrations
APPROVED

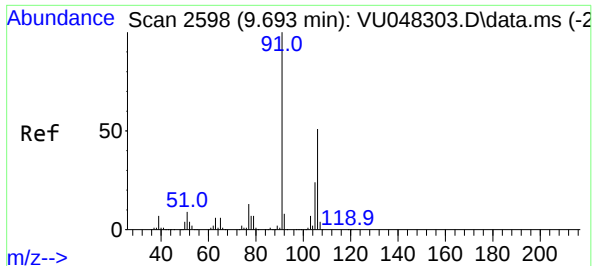
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#52
Ethylbenzene
Concen: 0.806 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

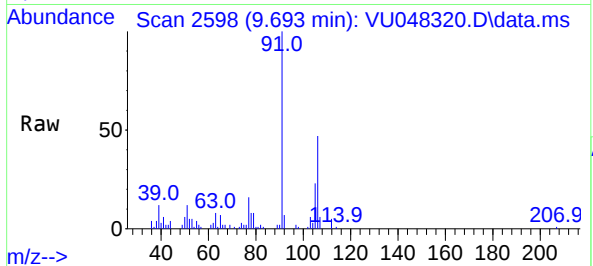
Tgt Ion: 91 Resp: 11033
Ion Ratio Lower Upper
91 100
106 25.8 22.5 41.9





#53
m,p-Xylene
Concen: 1.842 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

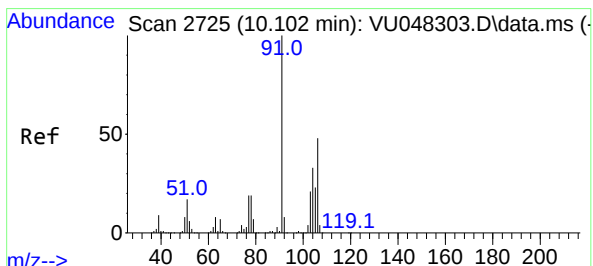
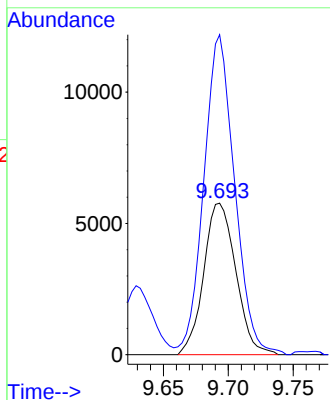
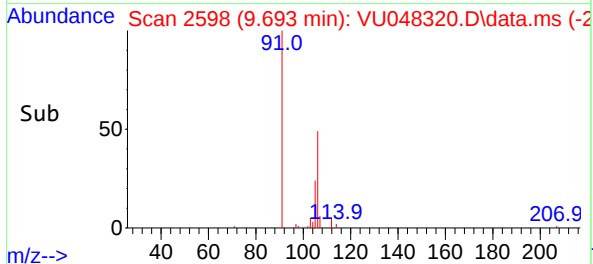
Instrument :
MSVOA_U
ClientSampleId :
EXET4



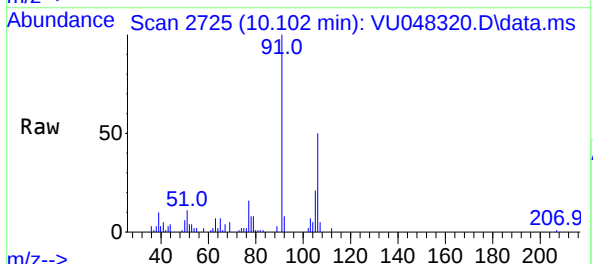
Tgt Ion:106 Resp: 9948
Ion Ratio Lower Upper
106 100
91 211.2 137.4 255.2

Manual Integrations
APPROVED

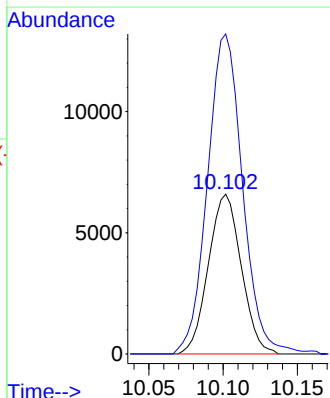
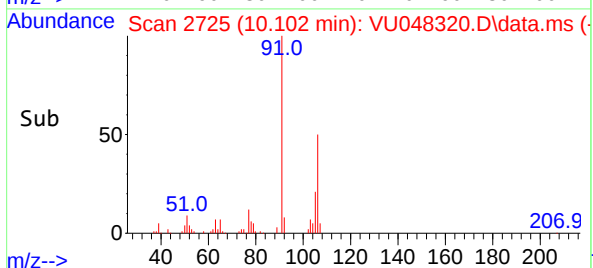
Reviewed By :Krupa Patel 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

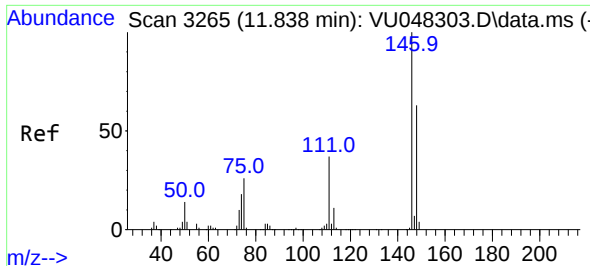


#54
o-Xylene
Concen: 1.866 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22



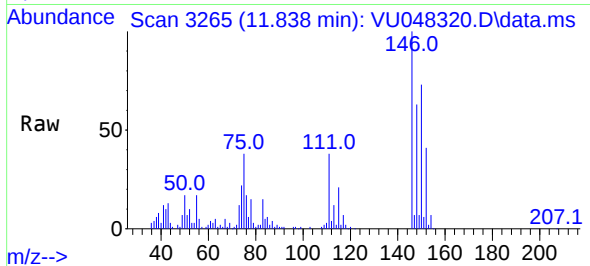
Tgt Ion:106 Resp: 10151
Ion Ratio Lower Upper
106 100
91 200.2 145.3 269.8





#65
1,4-Dichlorobenzene
Concen: 4.482 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22

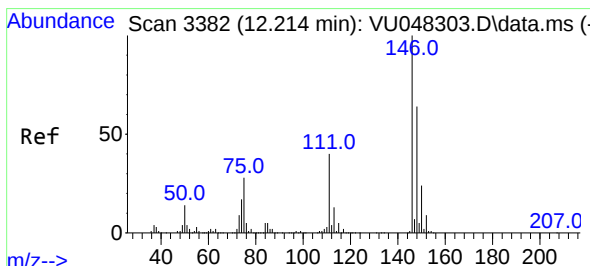
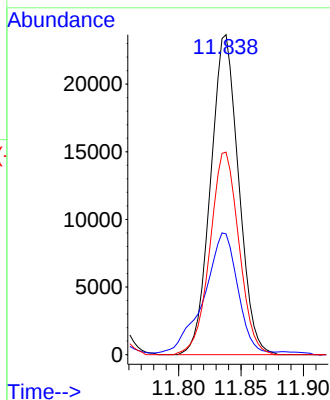
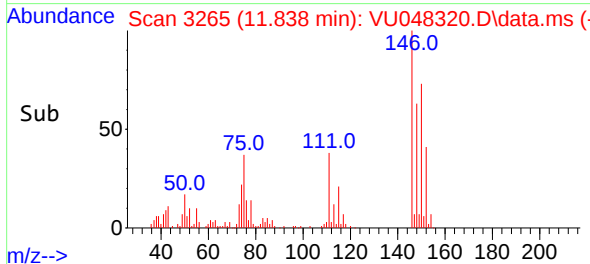
Instrument :
MSVOA_U
ClientSampleId :
EXET4



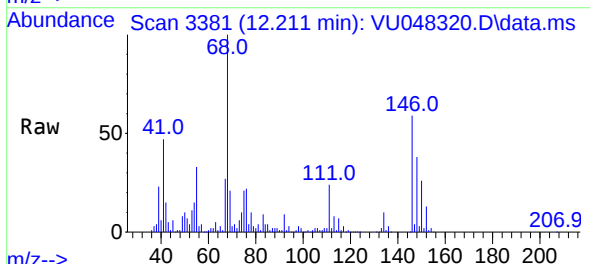
Tgt Ion:146 Resp: 3703
Ion Ratio Lower Upper
146 100
111 37.8 25.9 48.1
148 63.3 45.1 83.7

Manual Integrations
APPROVED

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



#67
1,2-Dichlorobenzene
Concen: 39.298 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048320.D
Acq: 27 Apr 2022 17:22



Tgt Ion:146 Resp: 335070
Ion Ratio Lower Upper
146 100
111 40.8 31.7 47.5
148 64.5 50.9 76.3

