

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039949.D
 Acq On : 1 Dec 2022 19:40
 Operator : SY/MD
 Sample : N5825-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/02/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:34:45 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		5.173	49	1182265	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		6.632	114	3213786	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.452	117	2918687	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.757	95	2379272	10.673	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 106.700%	
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		2.700	85	87798	0.519	ppbv	99
3) Chlorodifluoromethane		2.645	51	3476308	21.308	ppbv	98
4) Chloromethane		2.787	50	15853	0.152	ppbv	91
9) Propene		2.665	41	419095	5.454	ppbv	95
10) Heptane		7.555	43	65176m	0.351	ppbv	
11) Trichlorofluoromethane		3.533	101	40048	0.194	ppbv	90
13) Ethanol		3.218	45	1543421	263.059	ppbv	97
15) Acetone		3.446	43	30966541	197.473	ppbv #	39
17) tert-Butyl alcohol		3.864	59	320724	1.779	ppbv #	72
19) Isopropyl Alcohol		3.555	45	4281863	50.431	ppbv #	29
20) Methylene Chloride		3.912	84	2032386	26.751	ppbv	96
26) Hexane		5.182	57	1411792	11.225	ppbv #	38
29) Chloroform		5.253	83	397392	2.378	ppbv	99
32) 1,1,1-Trichloroethane		5.976	97	15402m	0.074	ppbv	
34) 2-Butanone		4.764	43	954383	6.206	ppbv	97
35) Carbon Tetrachloride		6.472	117	12315m	0.067	ppbv	
36) Benzene		6.349	78	302996	1.109	ppbv	96
38) Trichloroethene		7.269	130	568889	3.725	ppbv	99
42) Bromodichloromethane		7.230	83	72916m	0.359	ppbv	
48) Dibromochloromethane		9.690	129	26154	0.163	ppbv	94
50) 4-Methyl-2-Pentanone		8.163	43	315654	1.146	ppbv	95
51) 2-Hexanone		9.545	43	194354	0.909	ppbv #	92
52) Tetrachloroethene		10.713	164	59869447m	585.854	ppbv	
53) Toluene		9.195	91	373709	1.201	ppbv	98
58) Ethyl Benzene		12.076	91	302081	0.763	ppbv	90
59) m/p-Xylene		12.327	91	982491	2.965	ppbv	98
60) o-Xylene		13.040	91	456655	1.445	ppbv	98
61) Styrene		12.880	104	59578	0.316	ppbv	93
62) Isopropylbenzene		14.011	105	200222	0.439	ppbv	98
64) n-propylbenzene		14.899	120	23313m	0.196	ppbv	
67) sec-Butylbenzene		16.616	105	112551m	0.205	ppbv	
69) p-Isopropyltoluene		16.976	119	123692m	0.274	ppbv	
70) n-Butylbenzene		17.873	91	497040m	1.110	ppbv	
72) 4-Ethyltoluene		15.172	105	126562m	0.356	ppbv	
73) 1,3,5-Trimethylbenzene		15.330	105	249397	0.767	ppbv	95
74) 1,2,4-Trimethylbenzene		16.089	105	803267	2.333	ppbv #	74
76) 1,4-Dichlorobenzene		16.455	146	26835m	0.140	ppbv	
79) Naphthalene		21.365	128	662315	3.214	ppbv	98

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

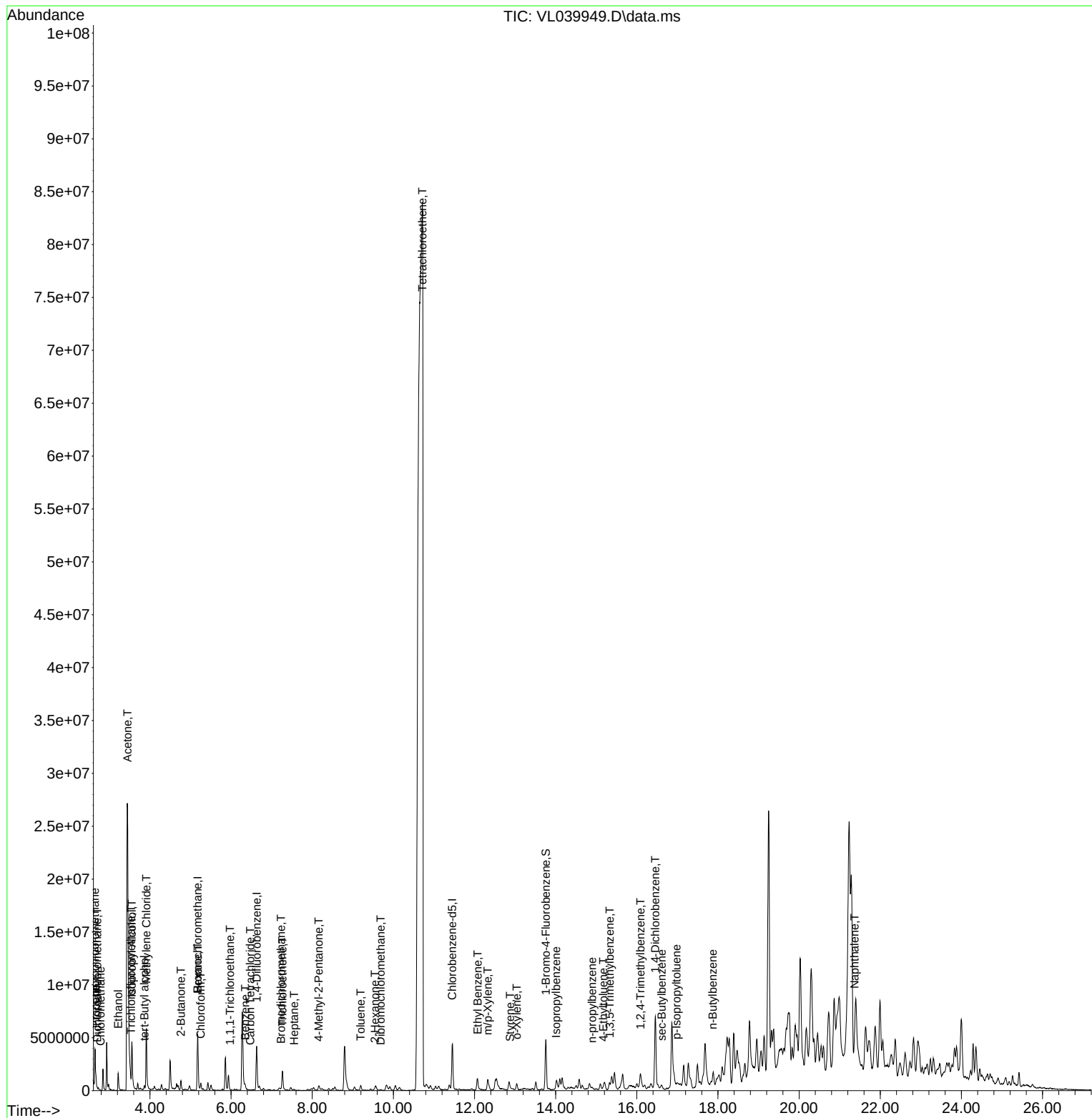
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039949.D
Acq On : 1 Dec 2022 19:40
Operator : SY/MD
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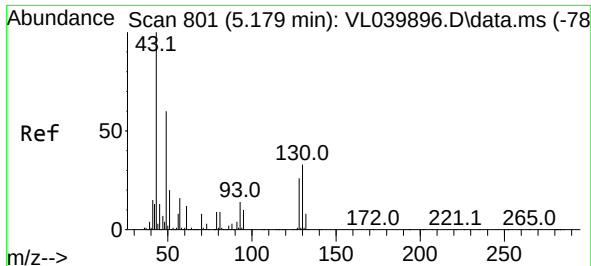
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS

Quant Time: Dec 02 05:34:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

Manual Integrations
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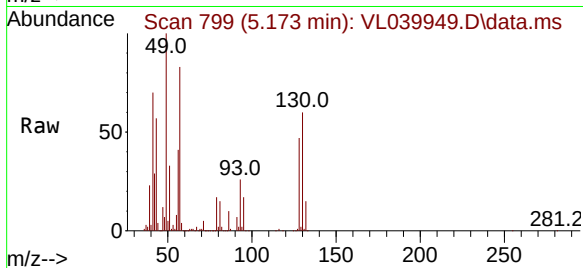
Reviewed By : Semsettin Yesilyurt 12/02/2022
Supervised By : Mahesh Dadoda 12/05/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. -0.000 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

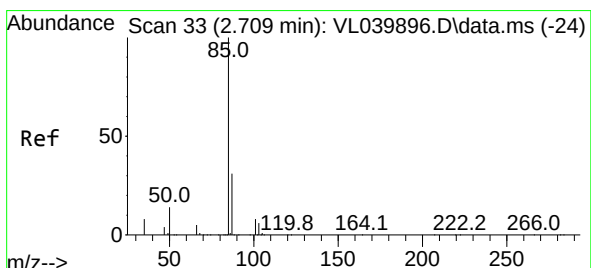
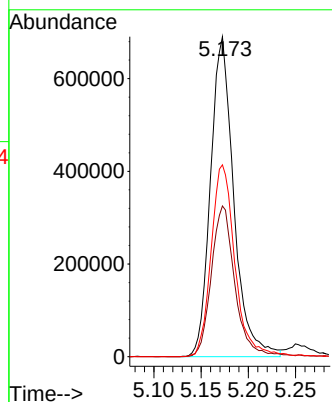
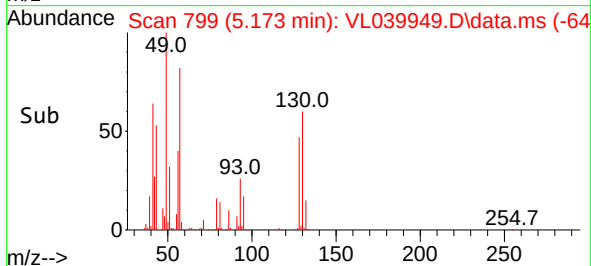
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



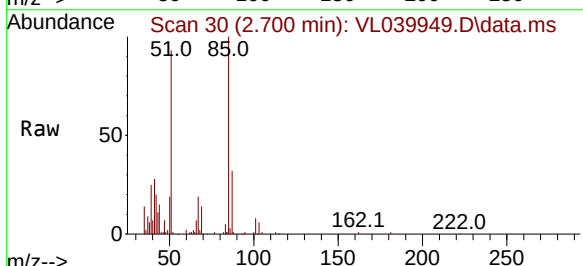
Tgt Ion: 49 Resp: 118226
Ion Ratio Lower Upper
49 100
128 48.2 22.1 66.3
130 62.1 27.7 83.1

Manual Integrations
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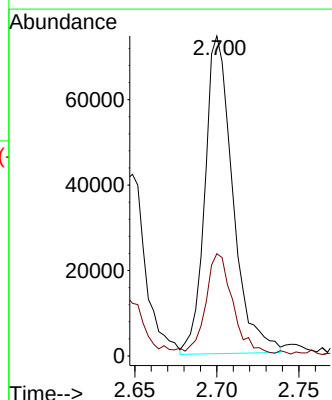
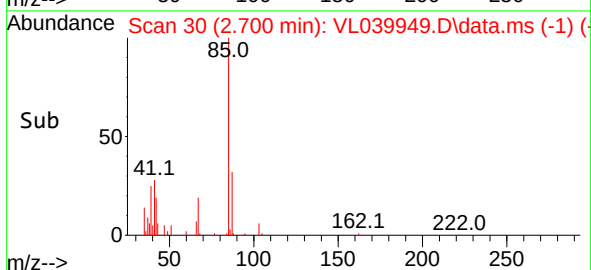
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

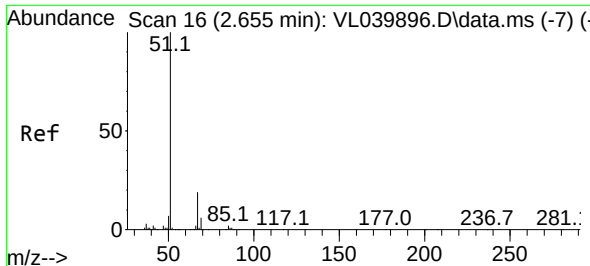


#2
Dichlorodifluoromethane
Concen: 0.519 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40



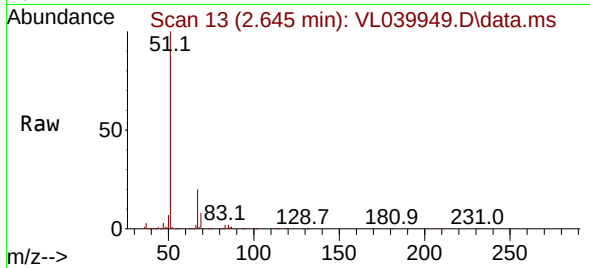
Tgt Ion: 85 Resp: 87798
Ion Ratio Lower Upper
85 100
87 30.9 25.0 37.4





#3
Chlorodifluoromethane
Concen: 21.308 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

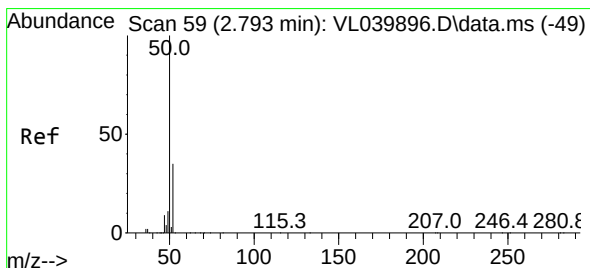
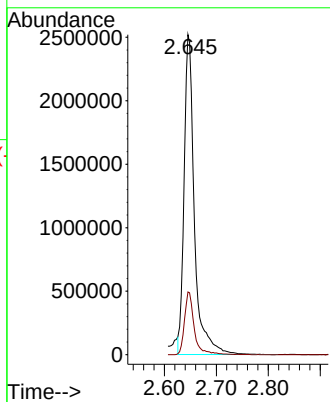
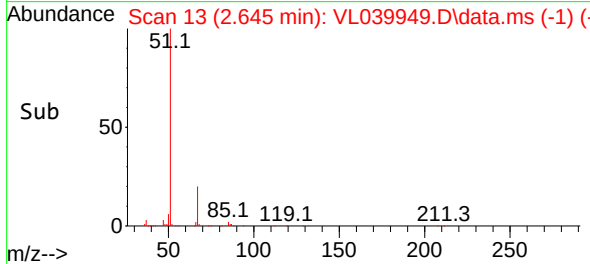
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



Tgt Ion: 51 Resp: 3476308
Ion Ratio Lower Upper
51 100
67 18.6 14.2 21.4

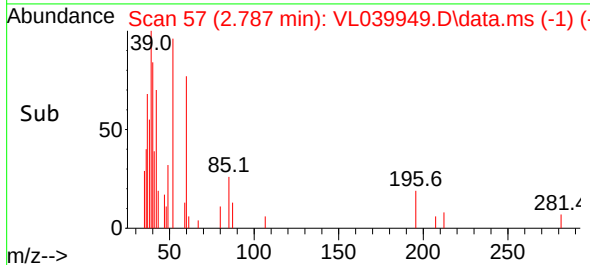
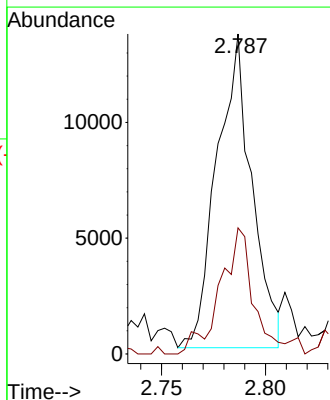
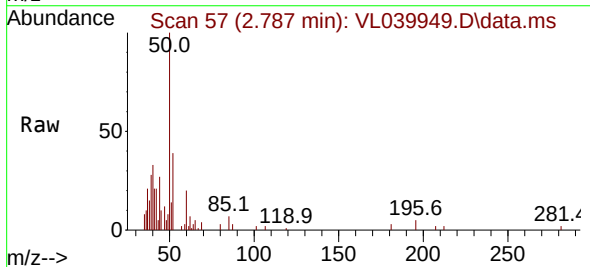
Manual Integrations
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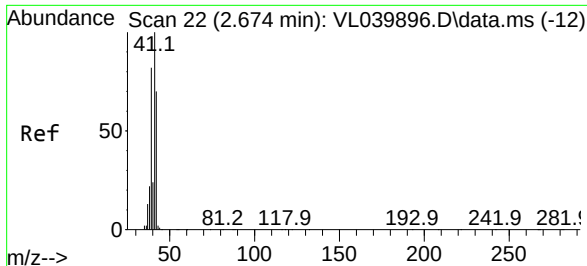
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#4
Chloromethane
Concen: 0.152 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.003 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

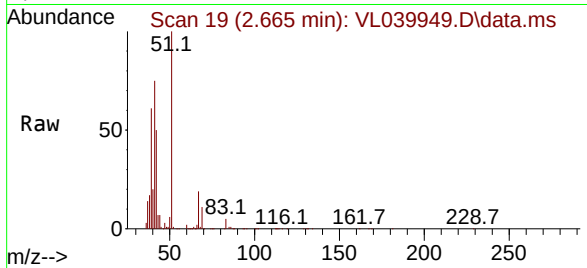
Tgt Ion: 50 Resp: 15853
Ion Ratio Lower Upper
50 100
52 40.2 27.8 41.8





#9
 Propene
 Concen: 5.454 ppbv
 RT: 2.665 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VL039949.D
 Acq: 1 Dec 2022 19:40

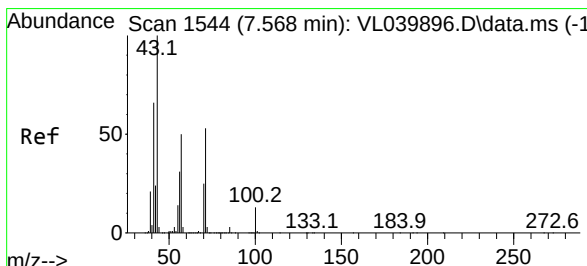
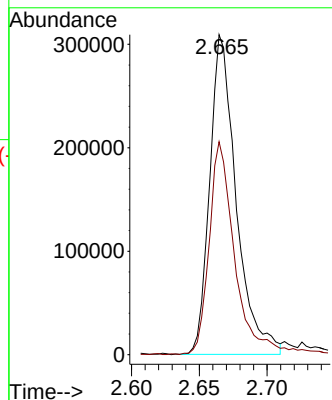
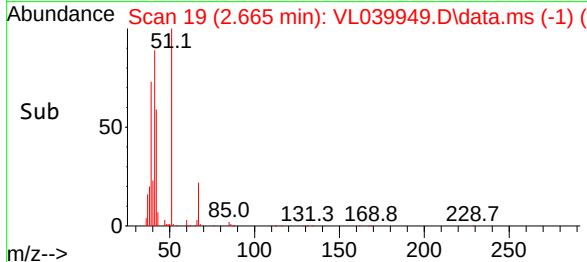
Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SS



Tgt Ion: 41 Resp: 41909
 Ion Ratio Lower Upper
 41 100
 42 65.4 55.8 83.6

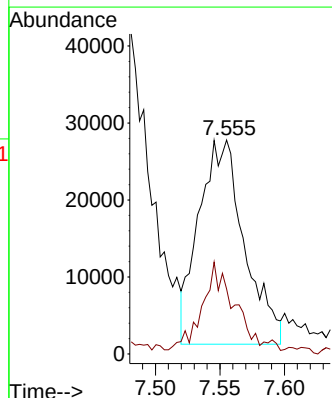
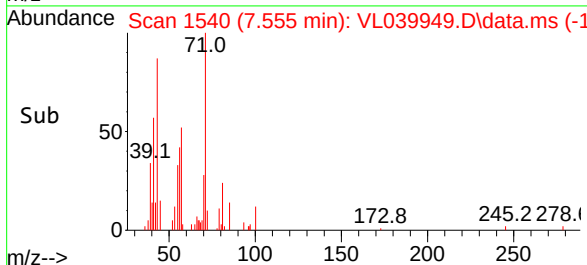
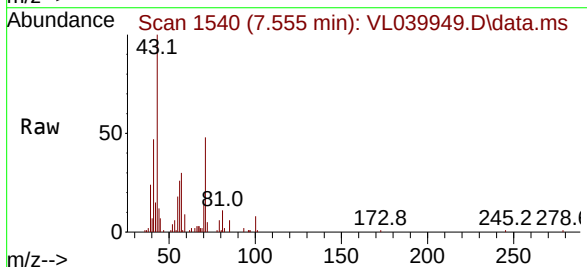
Manual Integrations
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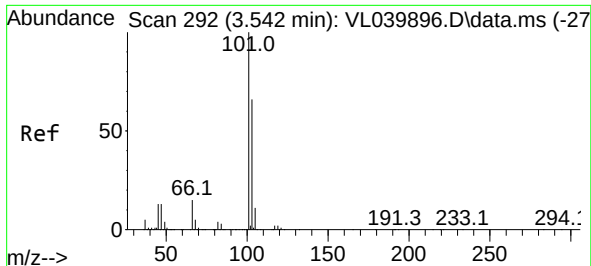
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#10
 Heptane
 Concen: 0.351 ppbv m
 RT: 7.555 min Scan# 1540
 Delta R.T. -0.010 min
 Lab File: VL039949.D
 Acq: 1 Dec 2022 19:40

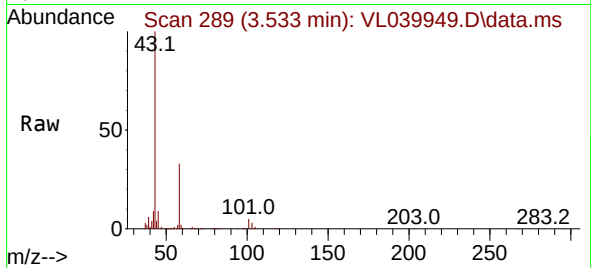
Tgt Ion: 43 Resp: 65176
 Ion Ratio Lower Upper
 43 100
 57 0.0 40.7 61.1#





#11
Trichlorofluoromethane
Concen: 0.194 ppbv
RT: 3.533 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

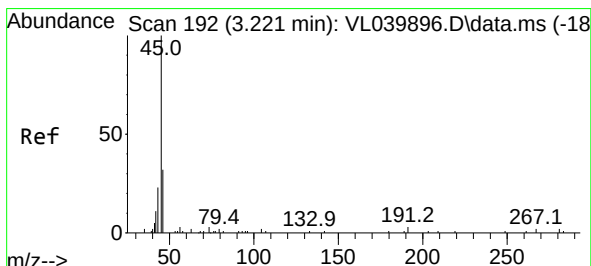
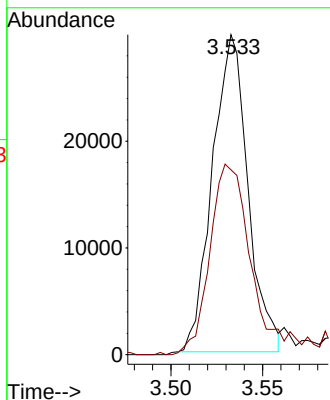
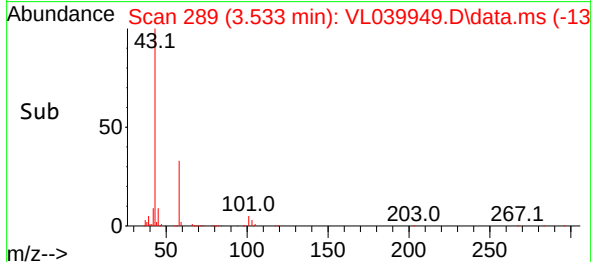
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



Tgt Ion:101 Resp: 40048
Ion Ratio Lower Upper
101 100
103 57.7 52.6 78.8

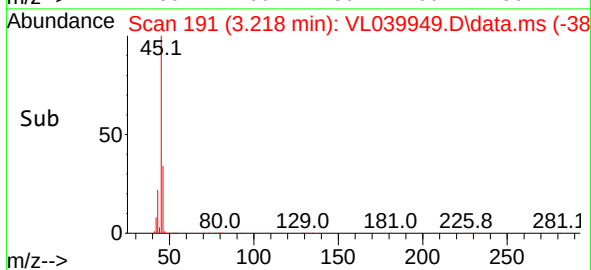
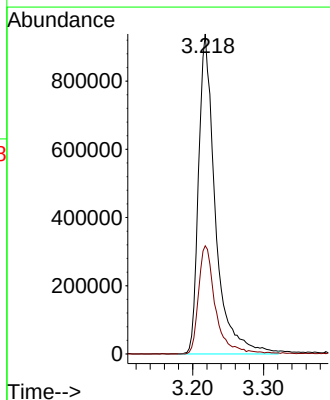
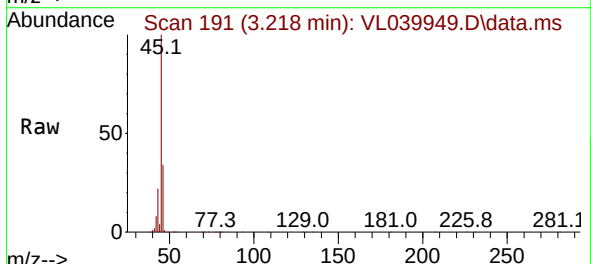
Manual Integrations
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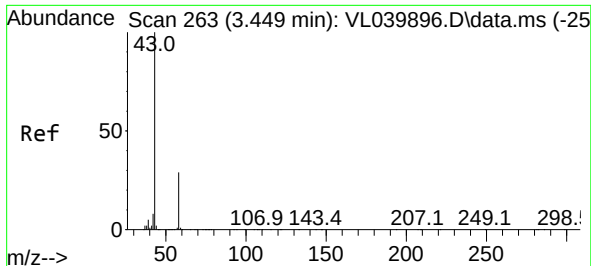
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#13
Ethanol
Concen: 263.059 ppbv
RT: 3.218 min Scan# 191
Delta R.T. -0.010 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

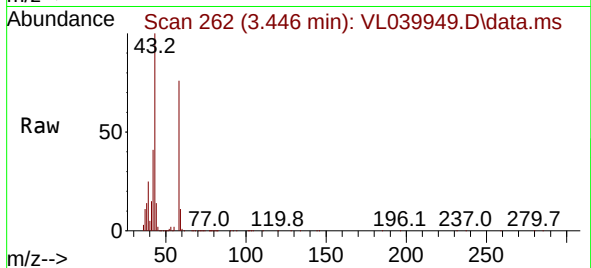
Tgt Ion: 45 Resp: 1543421
Ion Ratio Lower Upper
45 100
46 34.7 14.6 58.2





#15
Acetone
Concen: 197.473 ppbv
RT: 3.446 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

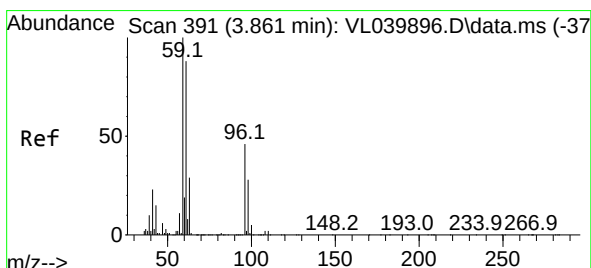
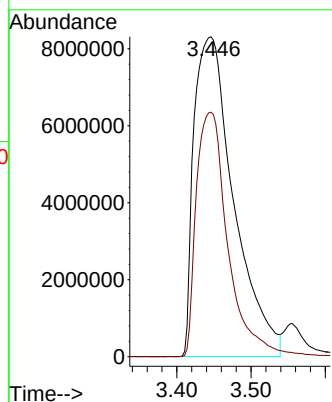
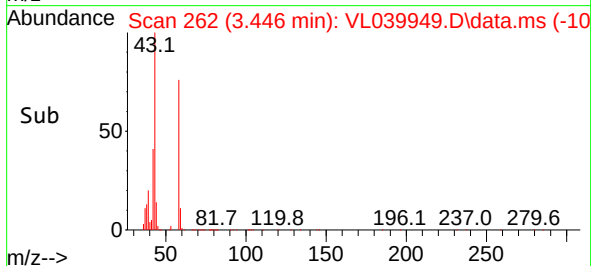
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



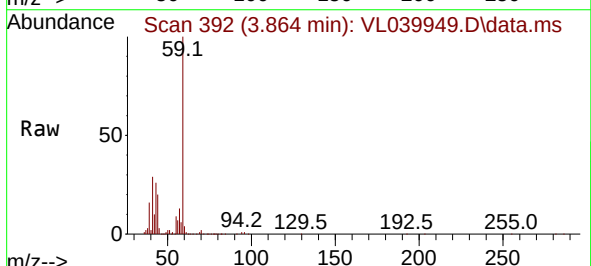
Tgt Ion: 43 Resp: 3096654
Ion Ratio Lower Upper
43 100
58 61.2 22.9 34.3

Manual Integrations
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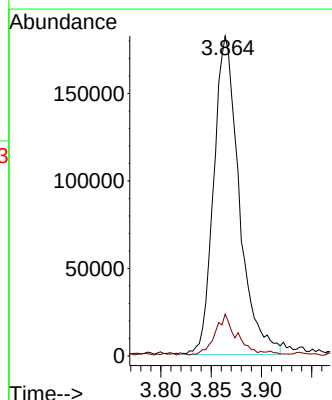
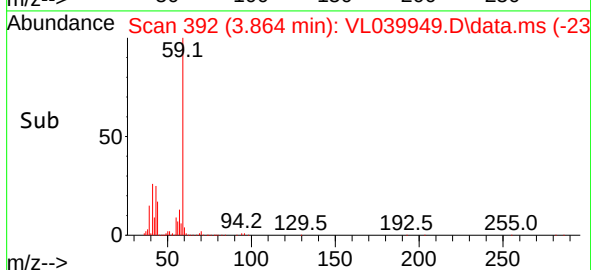
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Supervised By :Mahesh Dadoda 12/05/2022

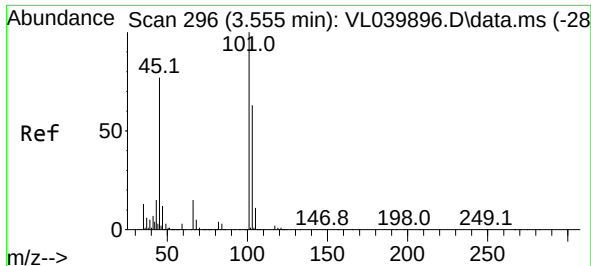


#17
tert-Butyl alcohol
Concen: 1.779 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40



Tgt Ion: 59 Resp: 320724
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5





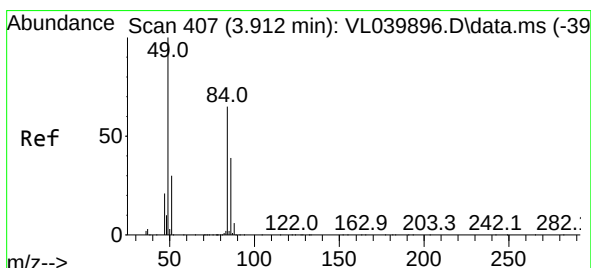
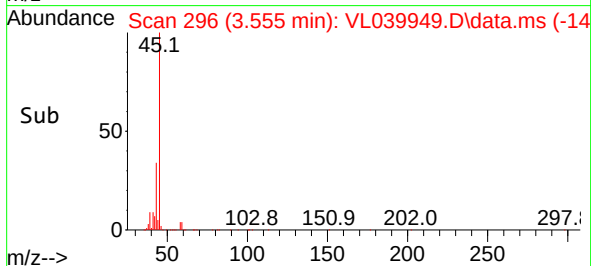
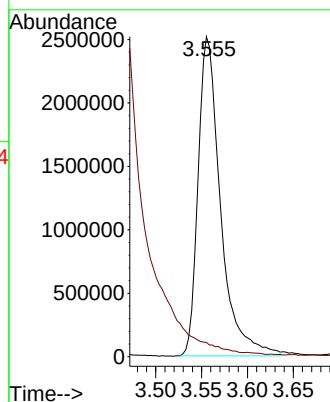
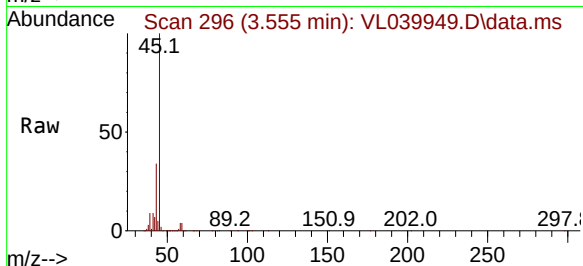
#19
Isopropyl Alcohol
Concen: 50.431 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

Instrument :
MSVOA_L
Client Sample Id :
OTC-SS

Tgt Ion: 45 Resp: 428186
Ion Ratio Lower Upper
45 100
58 0.0 38.7 58.1

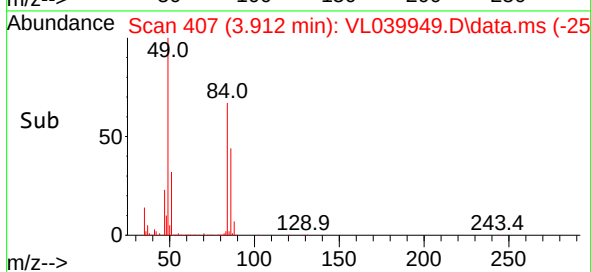
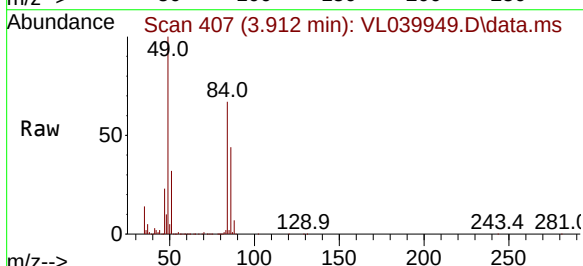
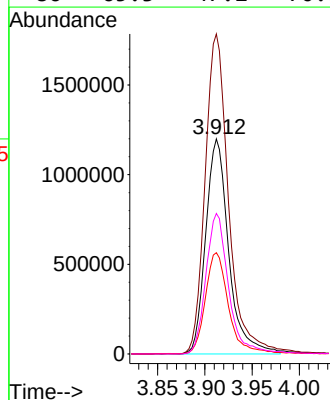
Manual Integrations
APPROVED

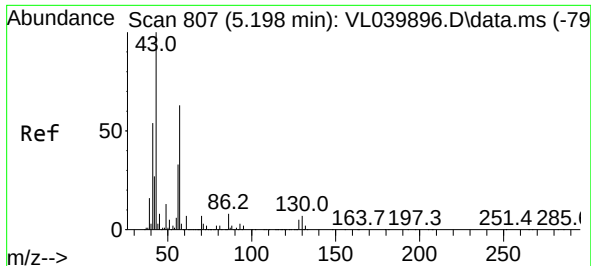
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#20
Methylene Chloride
Concen: 26.751 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.000 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

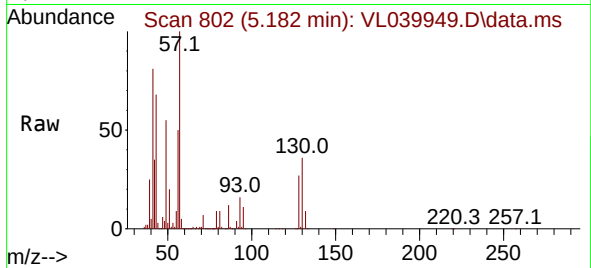
Tgt Ion: 84 Resp: 2032386
Ion Ratio Lower Upper
84 100
49 148.8 122.2 183.4
51 47.0 36.3 54.5
86 65.3 47.2 70.8





#26
Hexane
Concen: 11.225 ppbv
RT: 5.182 min Scan# 807
Delta R.T. -0.013 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

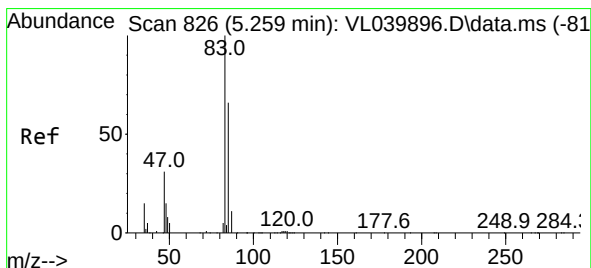
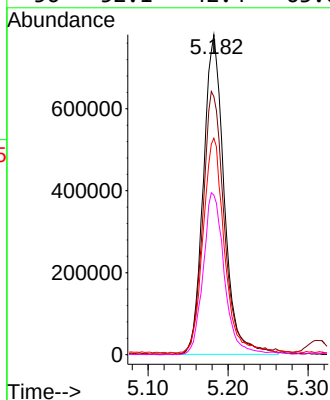
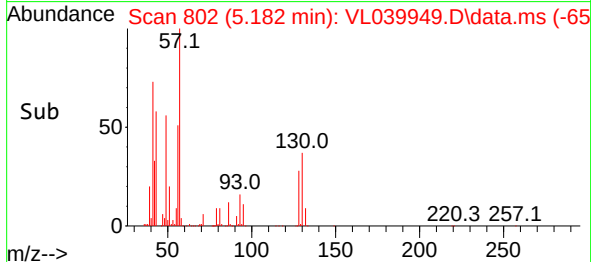
Instrument :
MSVOA_L
Client SampleId :
OTC-SS



Tgt Ion: 57 Resp: 1411792
Ion Ratio Lower Upper
57 100
41 85.4 72.3 108.5
43 71.6 188.7 283.1
56 52.1 42.4 63.6

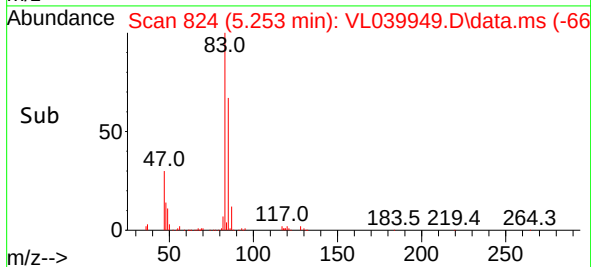
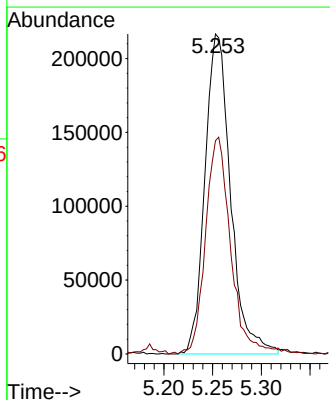
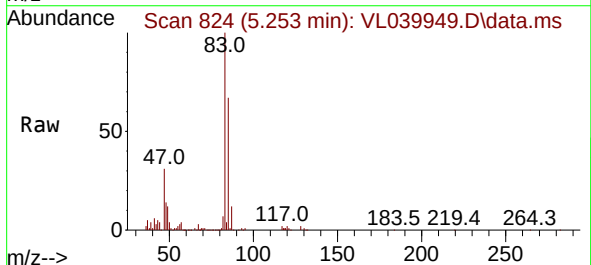
Manual Integrations
APPROVED

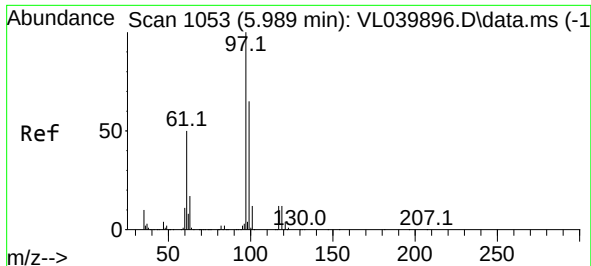
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#29
Chloroform
Concen: 2.378 ppbv
RT: 5.253 min Scan# 824
Delta R.T. -0.003 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

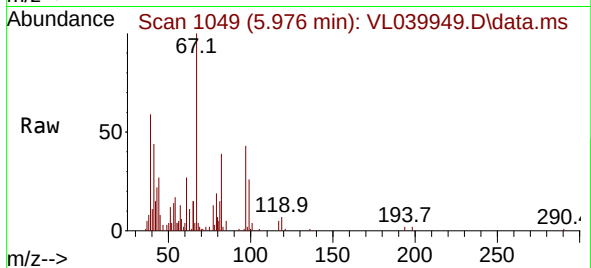
Tgt Ion: 83 Resp: 397392
Ion Ratio Lower Upper
83 100
85 66.7 52.4 78.6





#32
1,1,1-Trichloroethane
Concen: 0.074 ppbv m
RT: 5.976 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

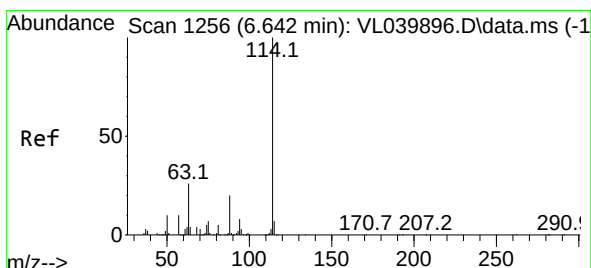
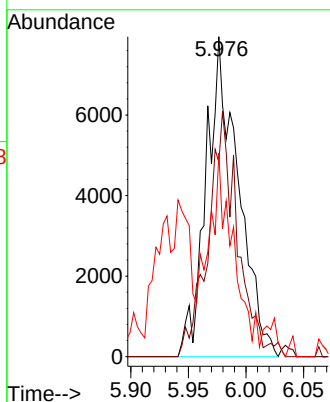
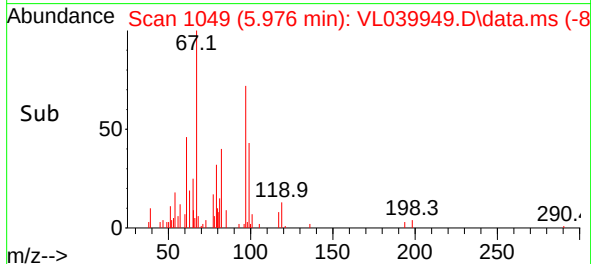
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



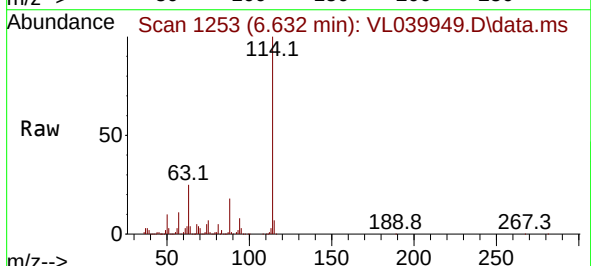
Tgt Ion: 97 Resp: 1540
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0
61 0.0 40.7 61.1

Manual Integrations
APPROVED

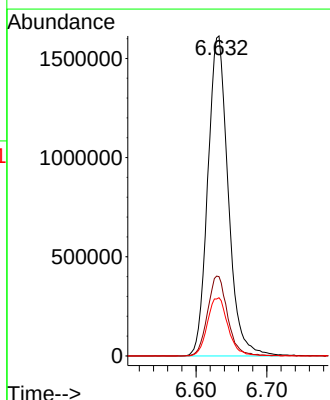
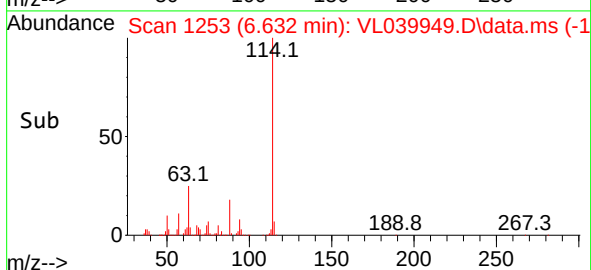
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

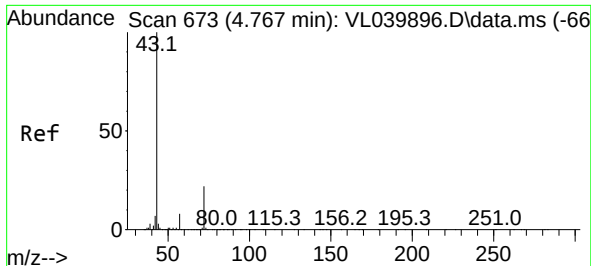


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.003 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40



Tgt Ion:114 Resp: 3213786
Ion Ratio Lower Upper
114 100
63 24.7 21.4 32.0
88 18.5 15.3 22.9





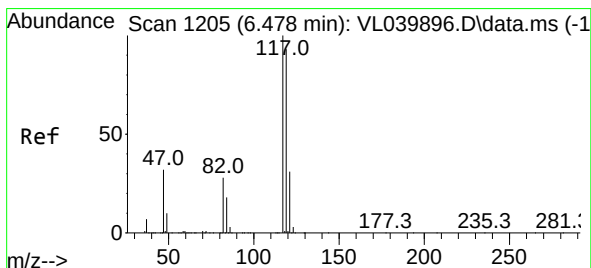
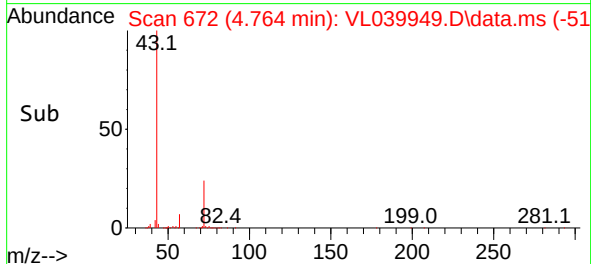
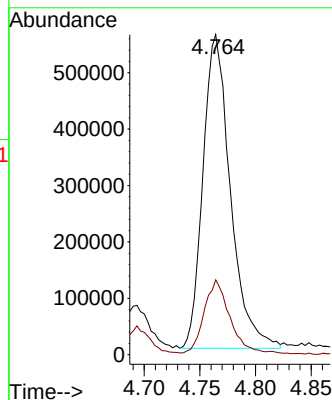
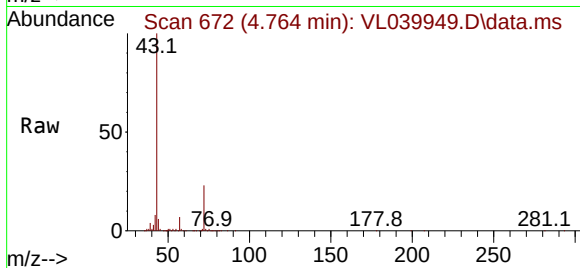
#34
2-Butanone
Concen: 6.206 ppbv
RT: 4.764 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

Instrument :
MSVOA_L
ClientSampleId :
OTC-SS

Tgt Ion: 43 Resp: 95438
Ion Ratio Lower Upper
43 100
72 23.1 17.4 26.2

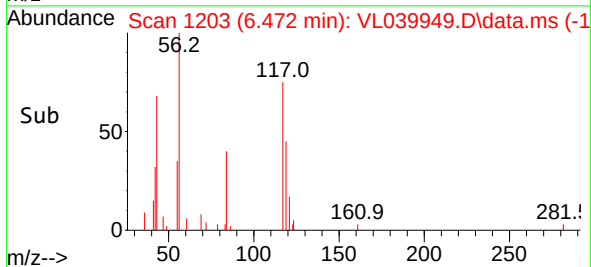
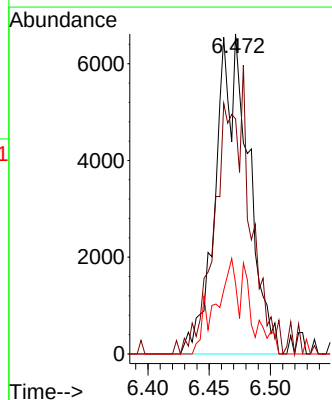
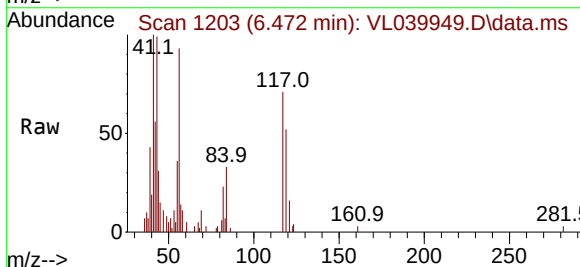
Manual Integrations
APPROVED

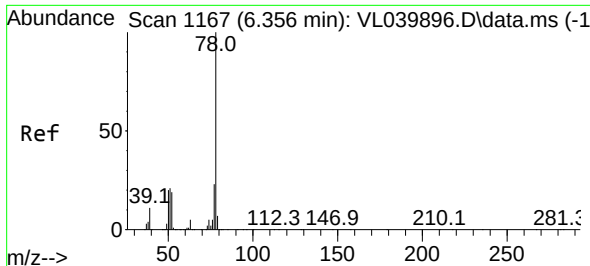
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#35
Carbon Tetrachloride
Concen: 0.067 ppbv m
RT: 6.472 min Scan# 1203
Delta R.T. -0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

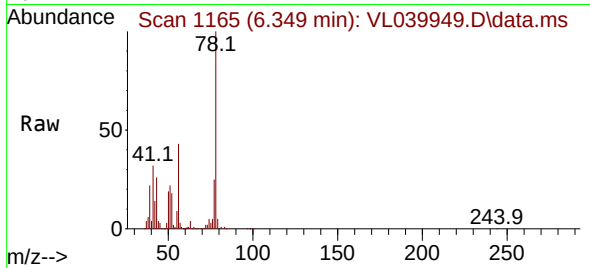
Tgt Ion:117 Resp: 12315
Ion Ratio Lower Upper
117 100
119 73.4 74.7 112.1#
121 22.1 24.5 36.7#





#36
Benzene
Concen: 1.109 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

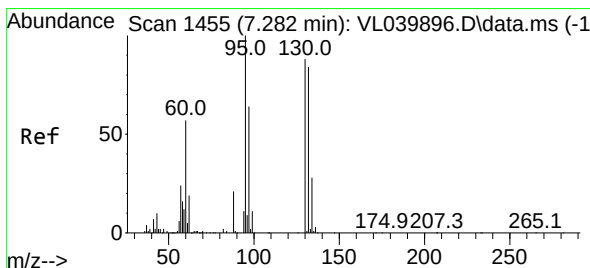
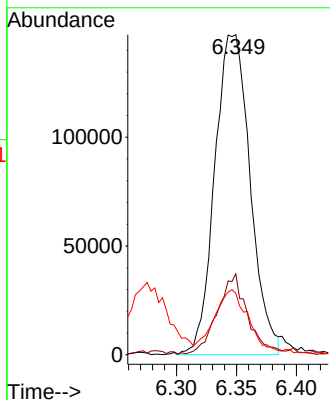
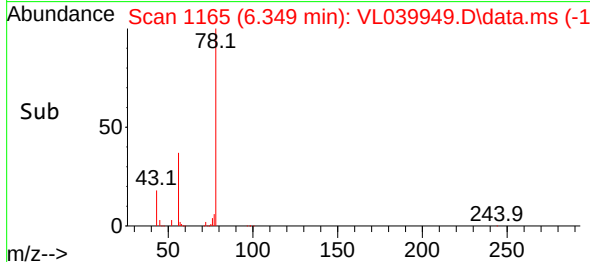
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



Tgt Ion: 78 Resp: 302990
Ion Ratio Lower Upper
78 100
77 25.0 18.2 27.2
50 17.9 15.8 23.8

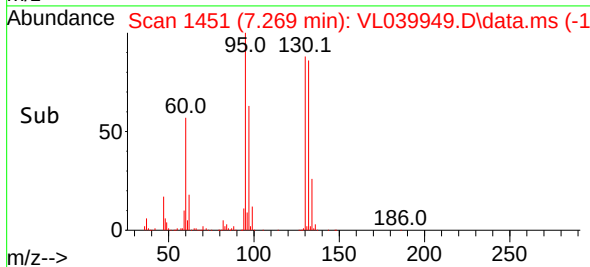
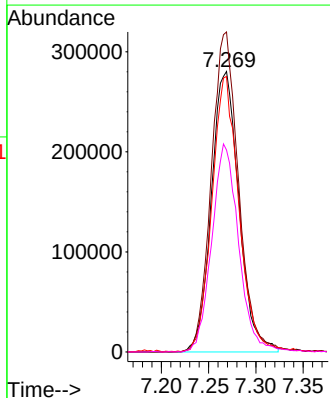
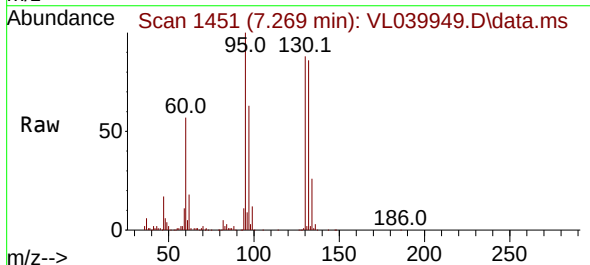
Manual Integrations
APPROVED

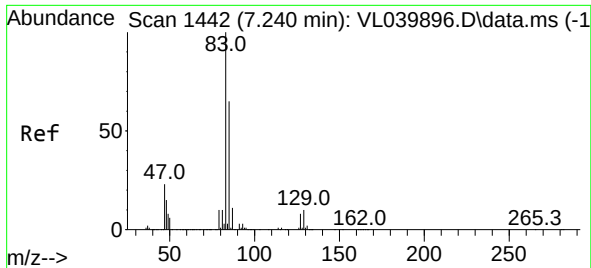
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#38
Trichloroethene
Concen: 3.725 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

Tgt Ion:130 Resp: 568889
Ion Ratio Lower Upper
130 100
95 114.0 90.6 135.8
132 97.9 76.2 114.4
97 71.9 58.0 87.0





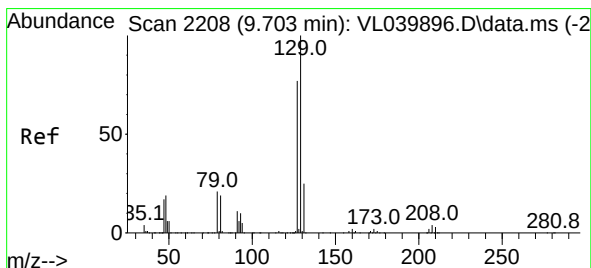
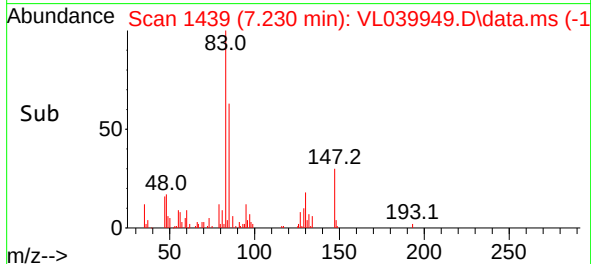
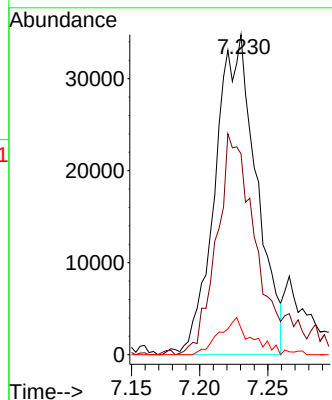
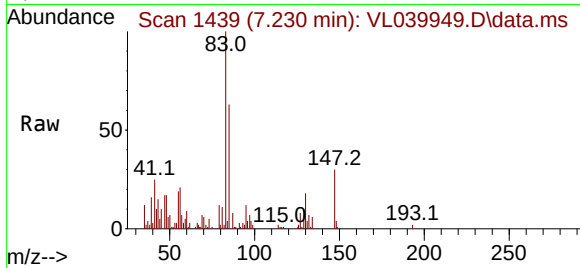
#42
Bromodichloromethane
Concen: 0.359 ppbv m
RT: 7.230 min Scan# 1442
Delta R.T. -0.003 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

Instrument :
MSVOA_L
ClientSampleId :
OTC-SS

Tgt Ion: 83 Resp: 72910
Ion Ratio Lower Upper
83 100
85 62.8 52.0 78.0
127 8.2 6.5 9.7

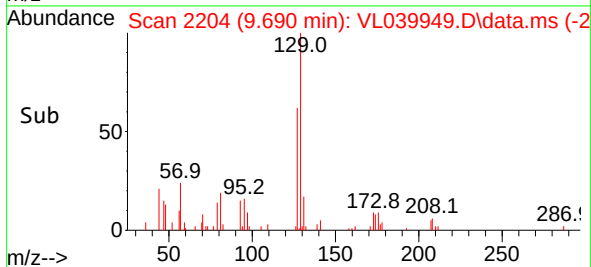
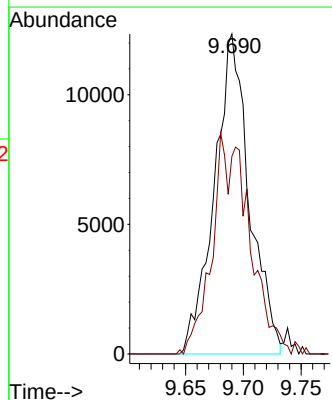
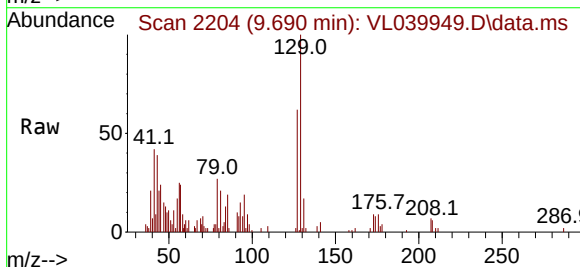
Manual Integrations
APPROVED

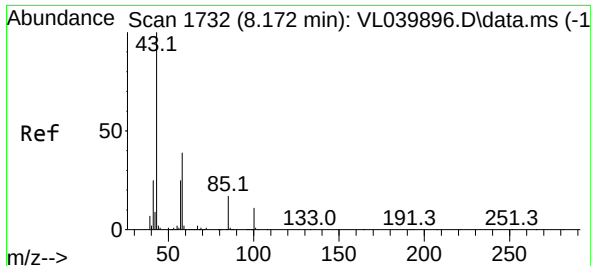
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#48
Dibromochloromethane
Concen: 0.163 ppbv
RT: 9.690 min Scan# 2204
Delta R.T. -0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

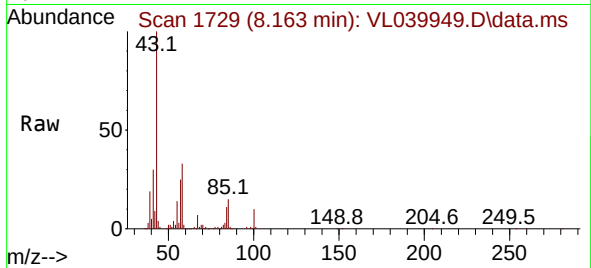
Tgt Ion:129 Resp: 26154
Ion Ratio Lower Upper
129 100
127 73.3 39.1 117.3





#50
4-Methyl-2-Pentanone
Concen: 1.146 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. -0.003 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

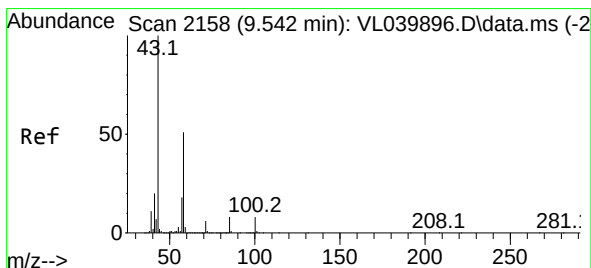
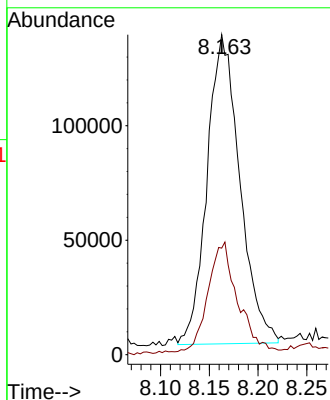
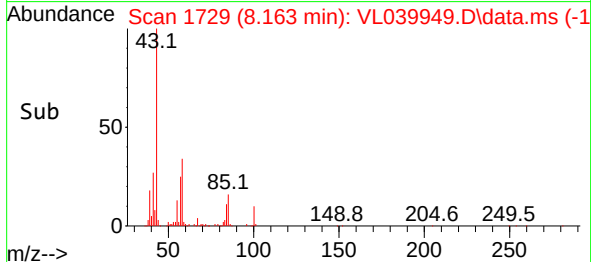
Instrument : MSVOA_L
ClientSampleId : OTC-SS



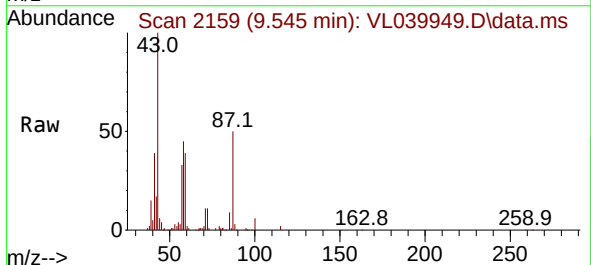
Tgt Ion: 43 Resp: 315654
Ion Ratio Lower Upper
43 100
58 34.0 29.8 44.6

Manual Integrations
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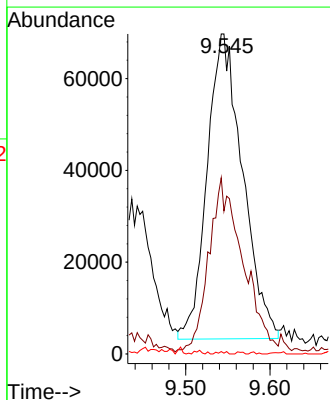
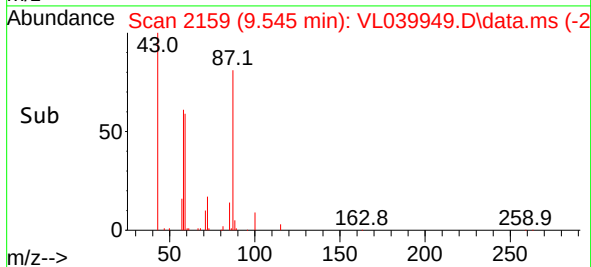
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

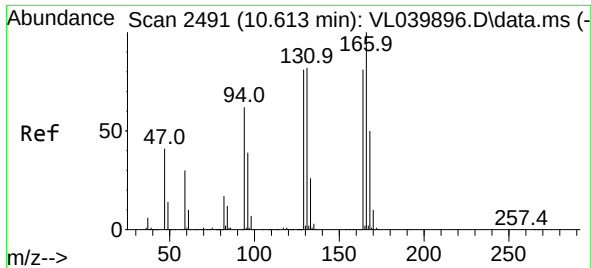


#51
2-Hexanone
Concen: 0.909 ppbv
RT: 9.545 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40



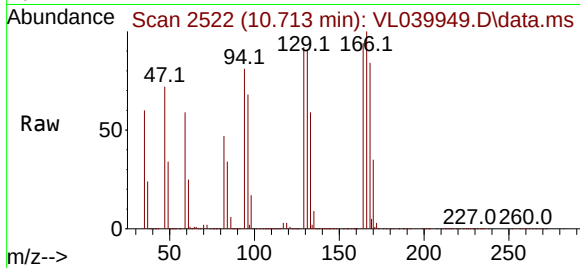
Tgt Ion: 43 Resp: 194354
Ion Ratio Lower Upper
43 100
58 55.6 40.2 60.4
98 0.0 0.1 0.1#





#52
Tetrachloroethene
Concen: 585.854 ppbv m
RT: 10.713 min Scan# 2
Delta R.T. 0.109 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

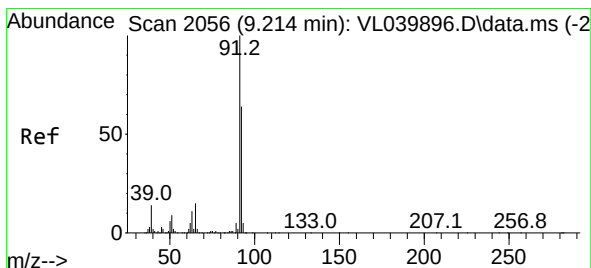
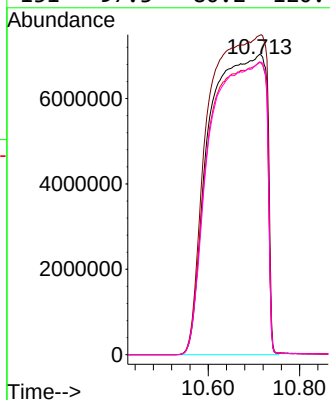
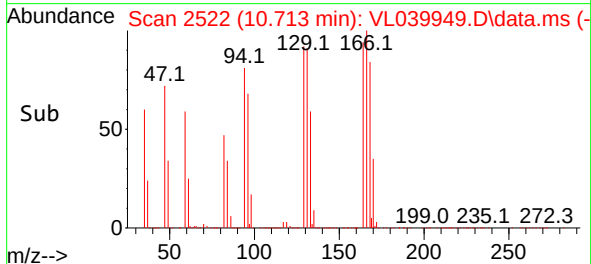
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



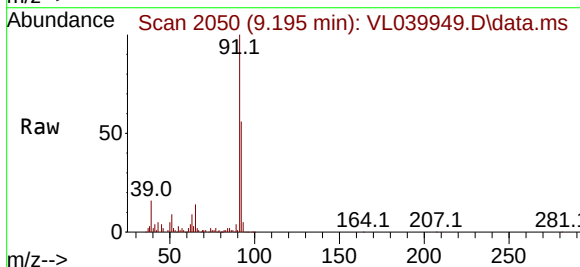
Tgt Ion:164 Resp:5986944
Ion Ratio Lower Upper
164 100
166 106.3 98.3 147.5
129 97.5 79.7 119.5
131 97.3 80.2 120.4

Manual Integrations
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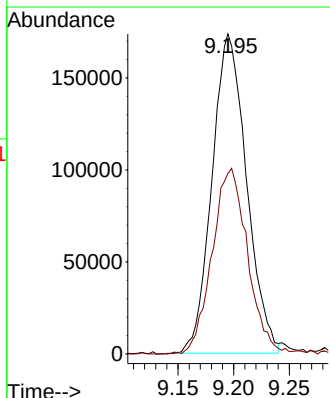
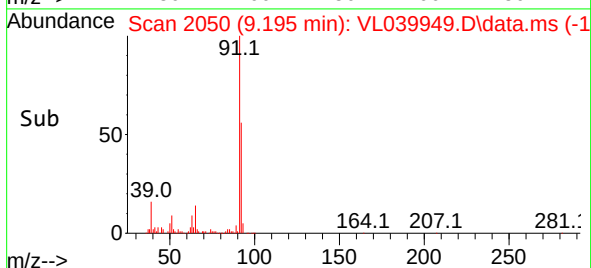
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

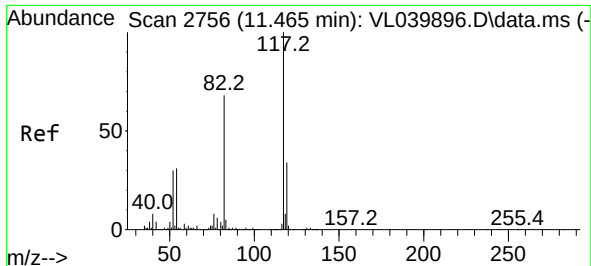


#53
Toluene
Concen: 1.201 ppbv
RT: 9.195 min Scan# 2050
Delta R.T. -0.010 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40



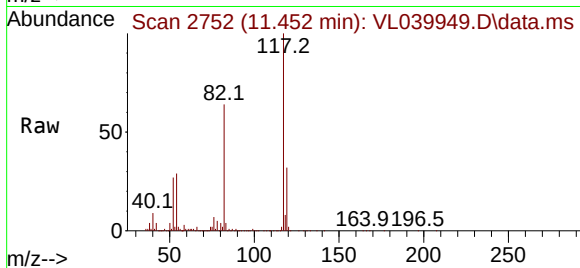
Tgt Ion: 91 Resp: 373709
Ion Ratio Lower Upper
91 100
92 60.4 49.8 74.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

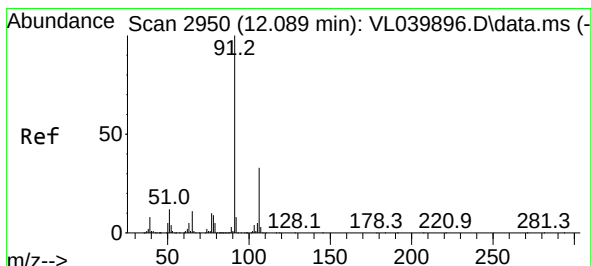
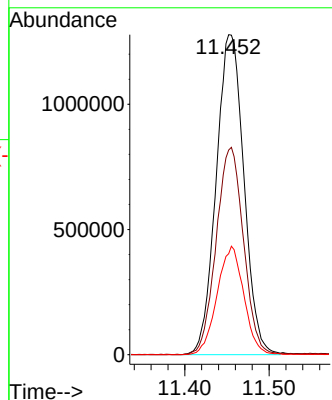
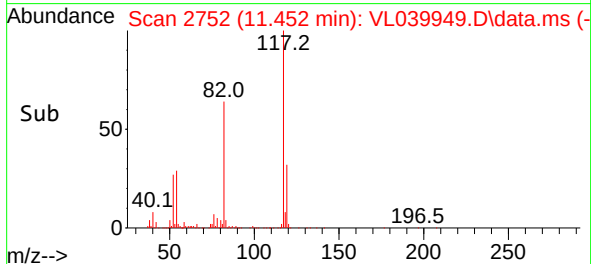
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



Tgt Ion:117 Resp: 291868
Ion Ratio Lower Upper
117 100
82 64.0 52.3 78.5
119 32.8 25.7 38.5

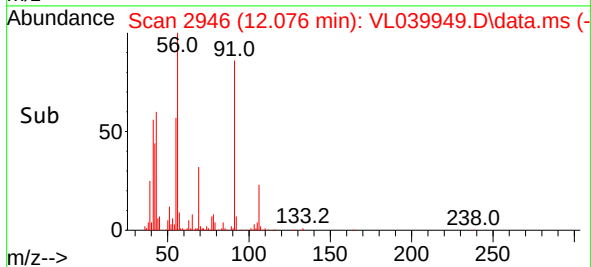
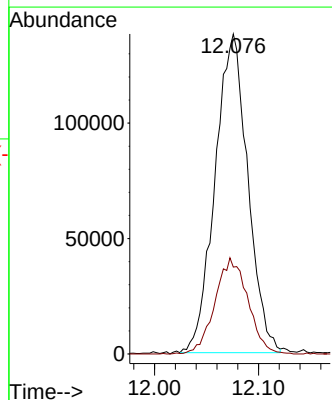
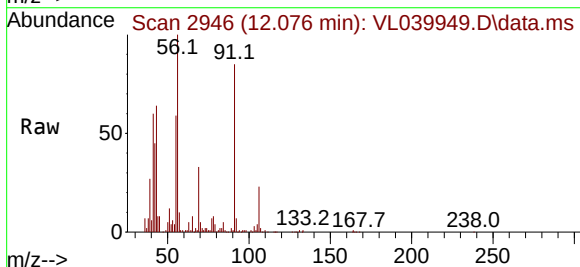
Manual Integrations
APPROVED

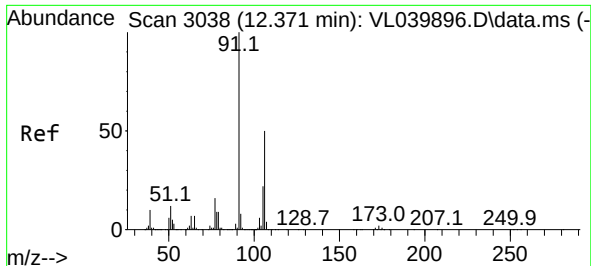
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#58
Ethyl Benzene
Concen: 0.763 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.000 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

Tgt Ion: 91 Resp: 302081
Ion Ratio Lower Upper
91 100
106 27.1 26.1 39.1





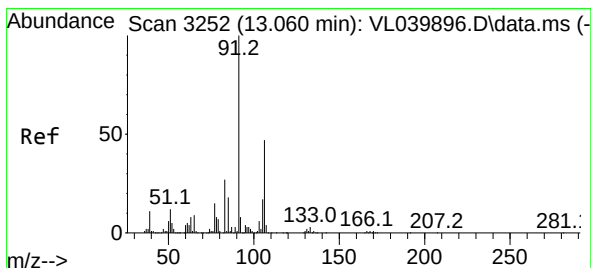
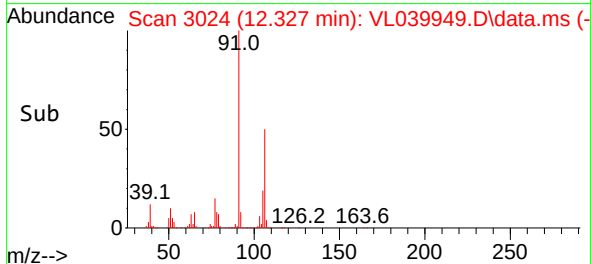
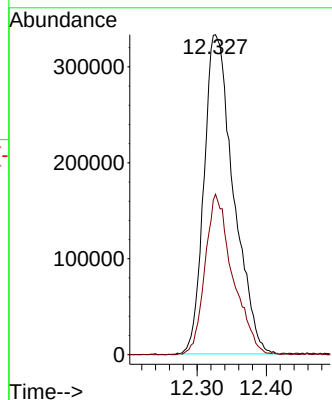
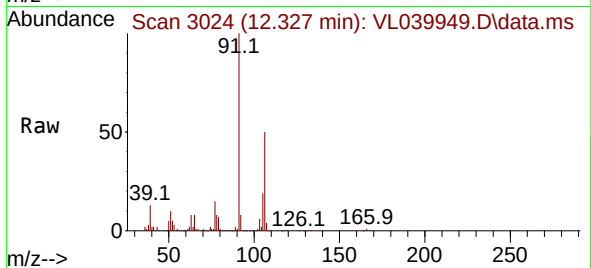
#59
m/p-Xylene
Concen: 2.965 ppbv
RT: 12.327 min Scan# 3038
Delta R.T. -0.032 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

Instrument : MSVOA_L
ClientSampleId : OTC-SS

Tgt Ion: 91 Resp: 98249
Ion Ratio Lower Upper
91 100
106 47.5 37.0 55.6

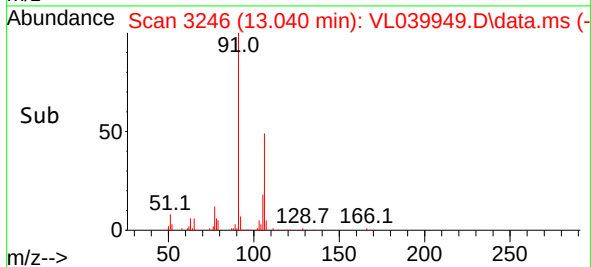
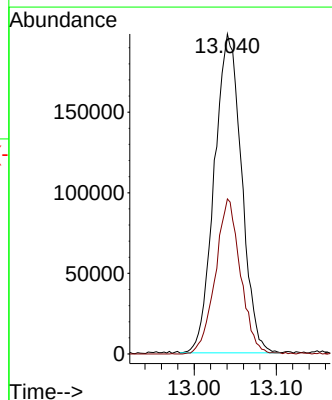
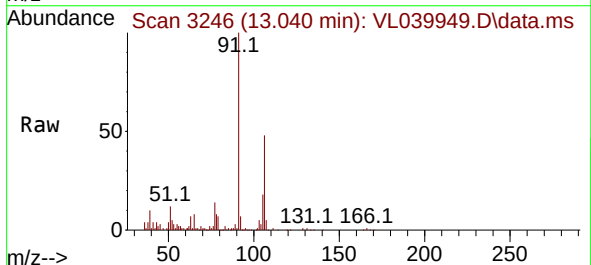
Manual Integrations
APPROVED

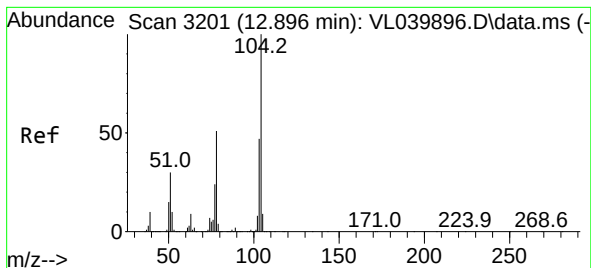
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#60
o-Xylene
Concen: 1.445 ppbv
RT: 13.040 min Scan# 3246
Delta R.T. -0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

Tgt Ion: 91 Resp: 456655
Ion Ratio Lower Upper
91 100
106 44.9 23.2 69.6





#61

Styrene

Concen: 0.316 ppbv

RT: 12.880 min Scan# 3196

Delta R.T. -0.010 min

Lab File: VL039949.D

Acq: 1 Dec 2022 19:40

Instrument :

MSVOA_L

ClientSampleId :

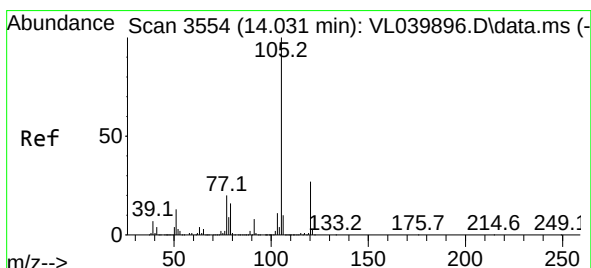
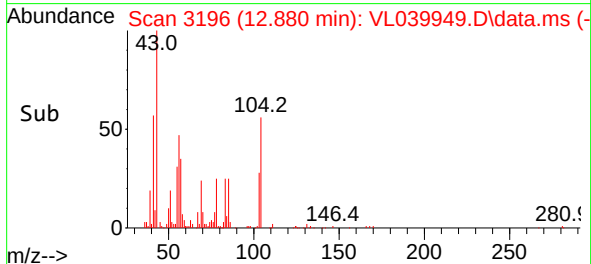
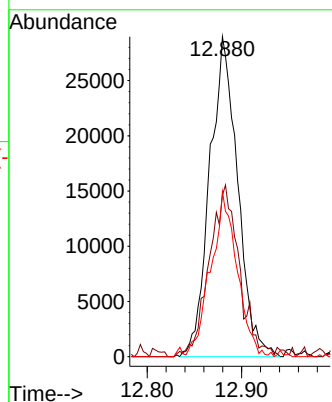
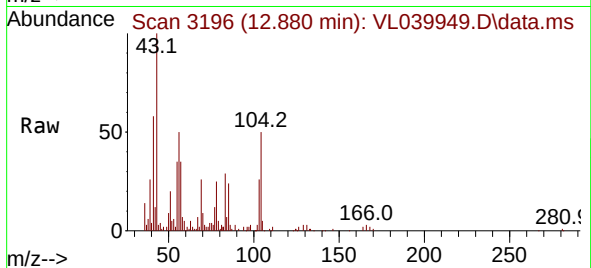
OTC-SS

Tgt Ion:104 Resp: 59578
 Ion Ratio Lower Upper
 104 100
 78 59.0 41.8 62.8
 103 49.7 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#62

Isopropylbenzene

Concen: 0.439 ppbv

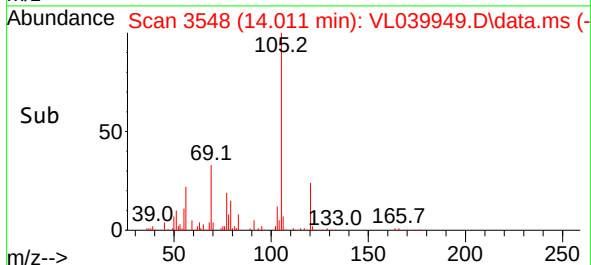
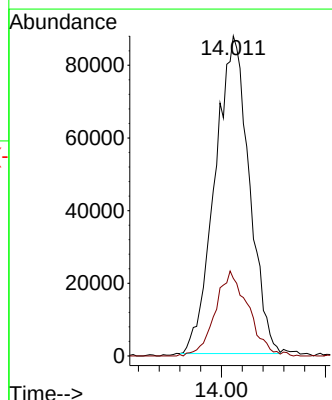
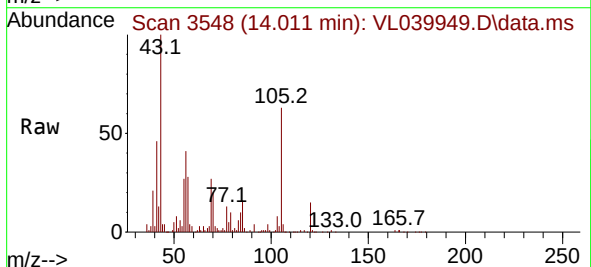
RT: 14.011 min Scan# 3548

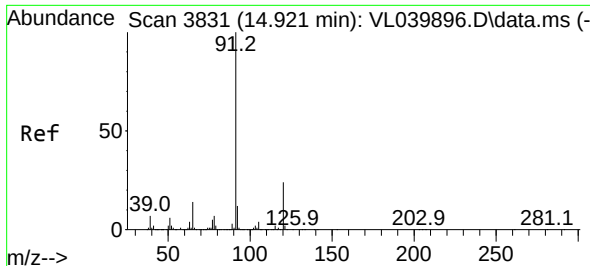
Delta R.T. -0.006 min

Lab File: VL039949.D

Acq: 1 Dec 2022 19:40

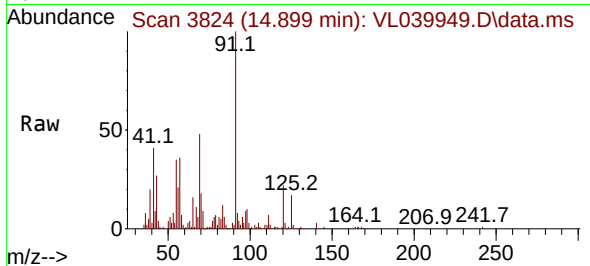
Tgt Ion:105 Resp: 200222
 Ion Ratio Lower Upper
 105 100
 120 25.9 21.4 32.2





#64
n-propylbenzene
Concen: 0.196 ppbv m
RT: 14.899 min Scan# 3824
Delta R.T. -0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

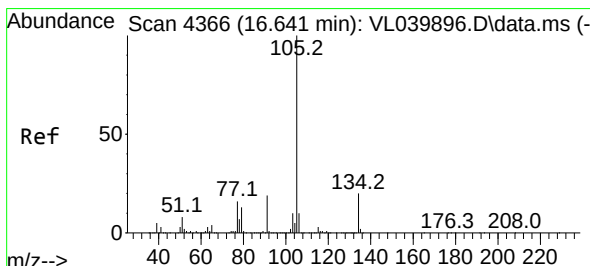
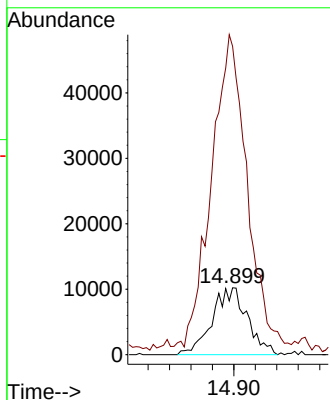
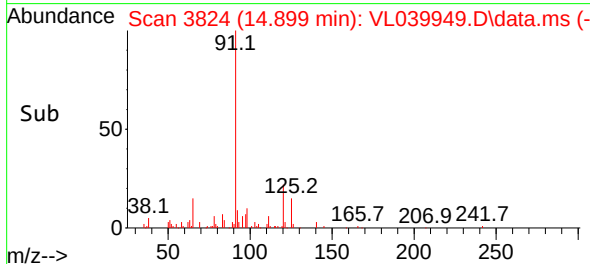
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



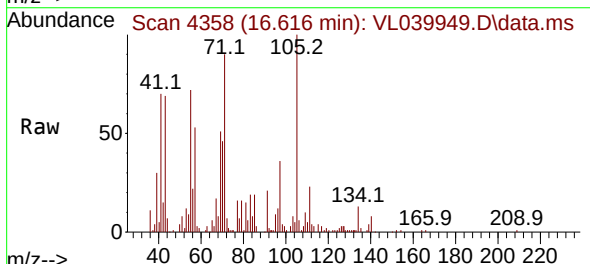
Tgt Ion:120 Resp: 2331
Ion Ratio Lower Upper
120 100
91 0.0 353.7 530.5

Manual Integrations
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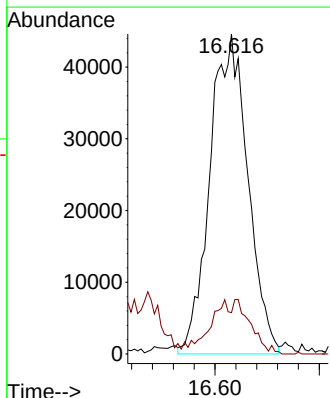
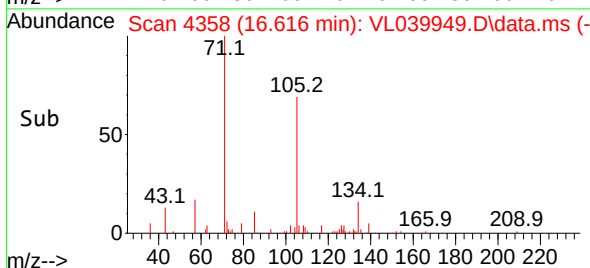
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

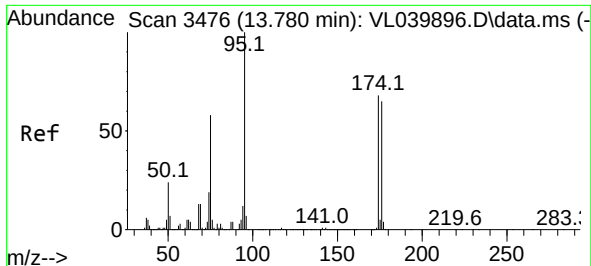


#67
sec-Butylbenzene
Concen: 0.205 ppbv m
RT: 16.616 min Scan# 4358
Delta R.T. -0.010 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40



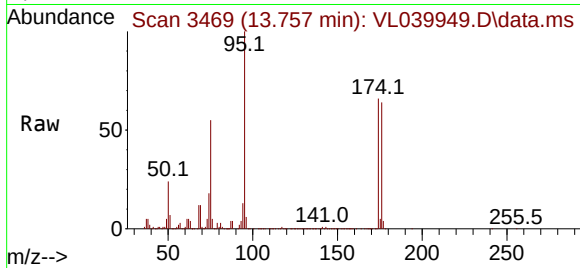
Tgt Ion:105 Resp: 112551
Ion Ratio Lower Upper
105 100
134 18.0 15.0 22.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.673 ppbv
RT: 13.757 min Scan# 3476
Delta R.T. -0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

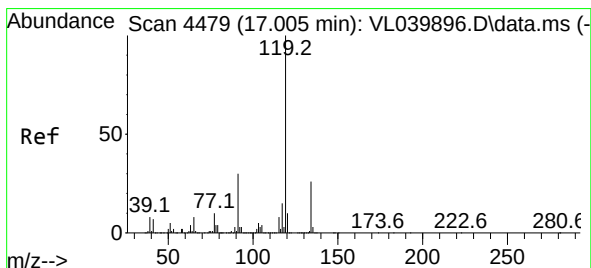
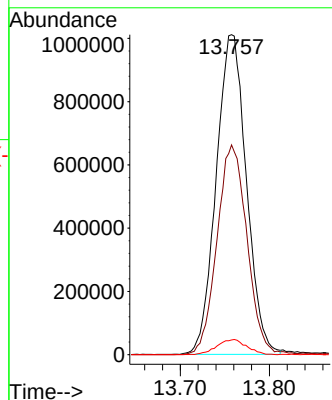
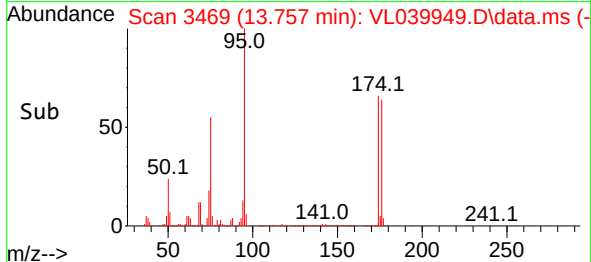
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



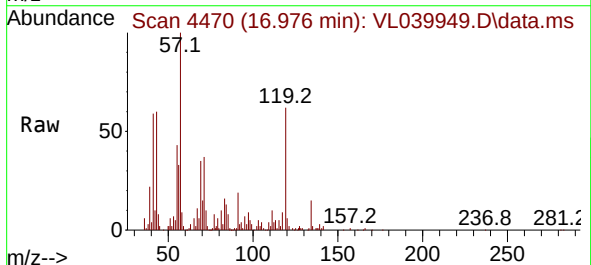
Tgt Ion: 95 Resp: 237927
Ion Ratio Lower Upper
95 100
174 65.7 53.7 80.5
175 4.8 4.0 6.0

Manual Integrations
APPROVED

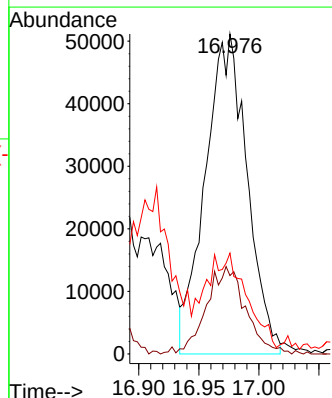
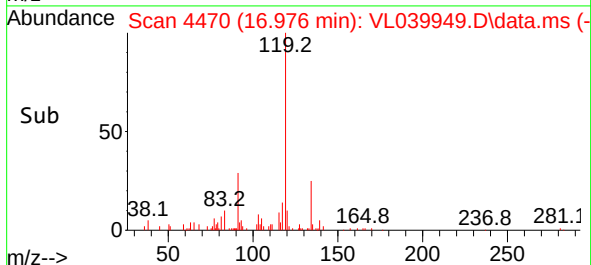
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

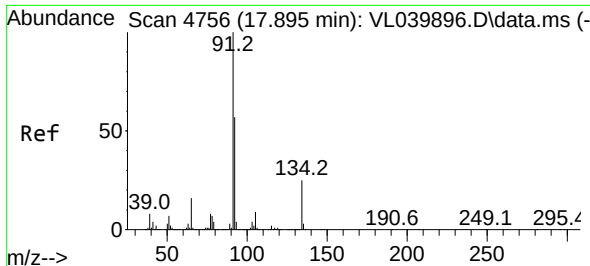


#69
p-Isopropyltoluene
Concen: 0.274 ppbv m
RT: 16.976 min Scan# 4470
Delta R.T. -0.010 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40



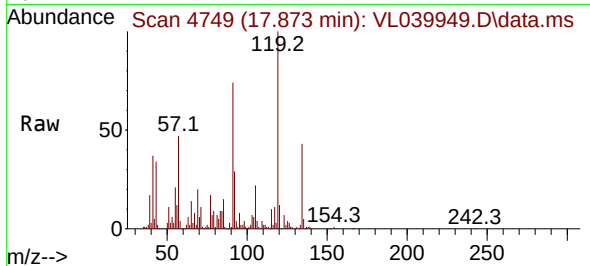
Tgt Ion:119 Resp: 123692
Ion Ratio Lower Upper
119 100
134 36.5 21.0 31.4#
91 46.5 24.4 36.6#





#70
n-Butylbenzene
Concen: 1.110 ppbv m
RT: 17.873 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

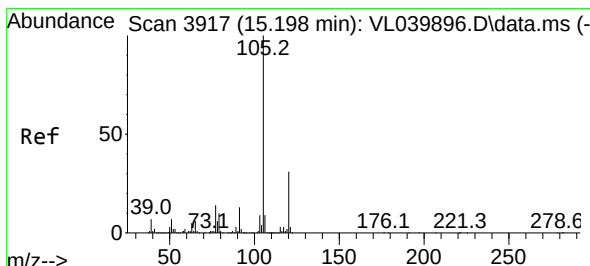
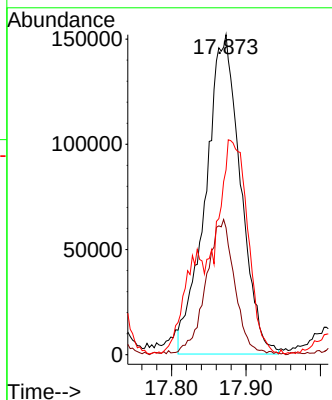
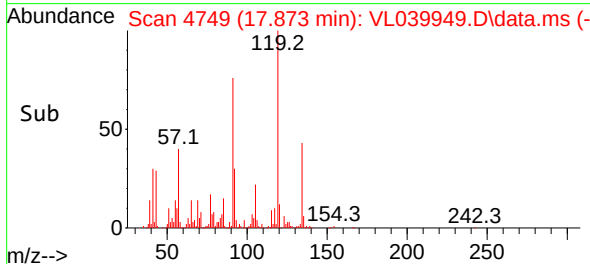
Instrument :
MSVOA_L
ClientSampleId :
OTC-SS



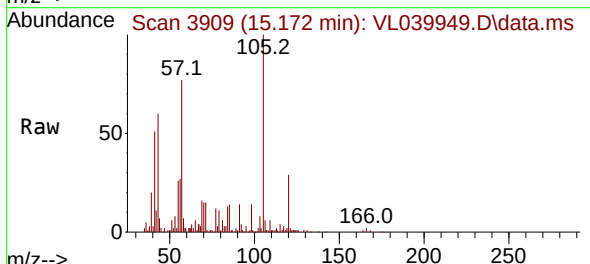
Tgt Ion: 91 Resp: 497040
Ion Ratio Lower Upper
91 100
92 35.3 44.2 66.2
134 78.7 18.8 28.2

Manual Integrations
APPROVED

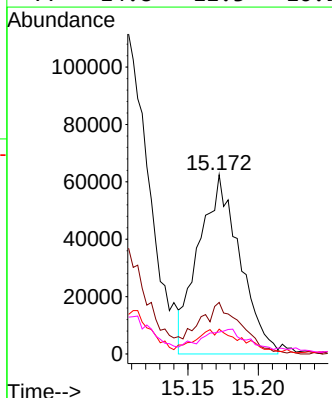
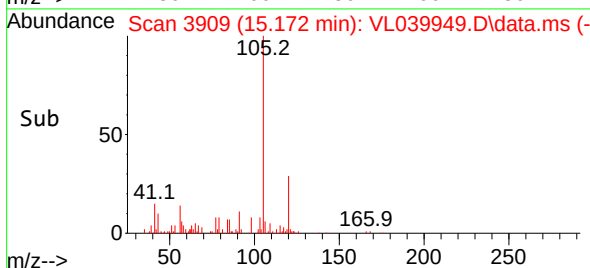
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

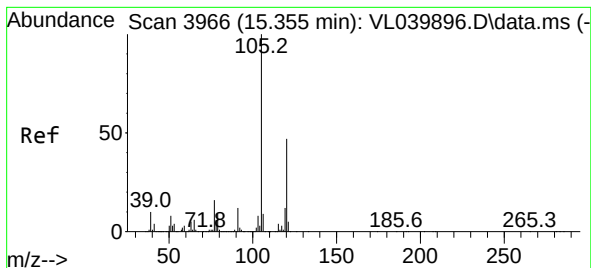


#72
4-Ethyltoluene
Concen: 0.356 ppbv m
RT: 15.172 min Scan# 3909
Delta R.T. -0.010 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40



Tgt Ion:105 Resp: 126562
Ion Ratio Lower Upper
105 100
120 30.4 24.5 36.7
91 14.7 10.4 15.6
77 14.8 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 0.767 ppbv

RT: 15.330 min Scan# 3966

Delta R.T. -0.013 min

Lab File: VL039949.D

Acq: 1 Dec 2022 19:40

Instrument :

MSVOA_L

ClientSampleId :

OTC-SS

Tgt Ion:105 Resp: 24939

Ion Ratio Lower Upper

105 100

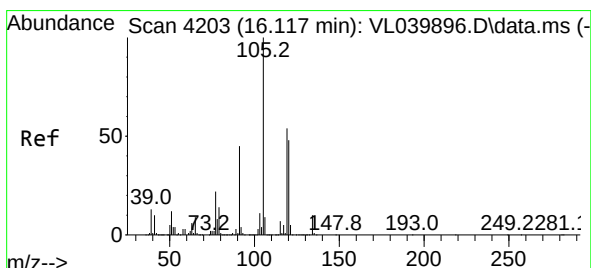
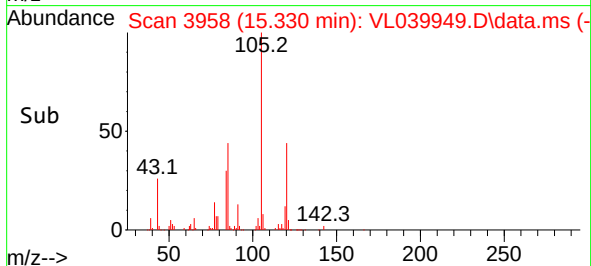
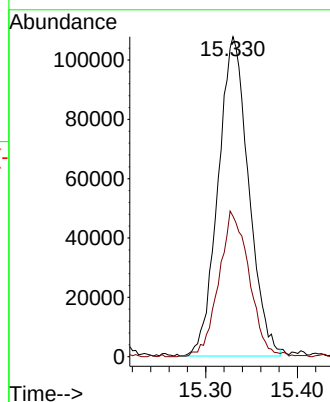
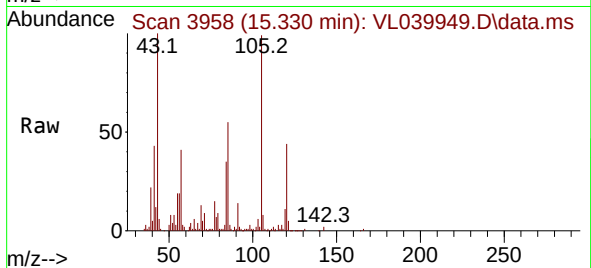
120 43.8 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#74

1,2,4-Trimethylbenzene

Concen: 2.333 ppbv

RT: 16.089 min Scan# 4194

Delta R.T. -0.010 min

Lab File: VL039949.D

Acq: 1 Dec 2022 19:40

Tgt Ion:105 Resp: 803267

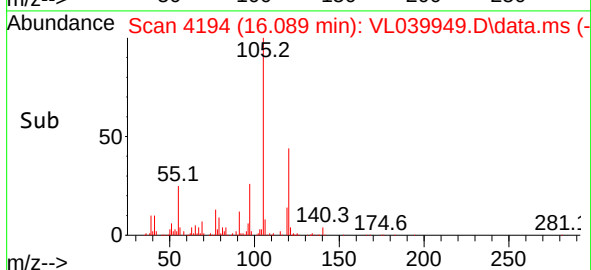
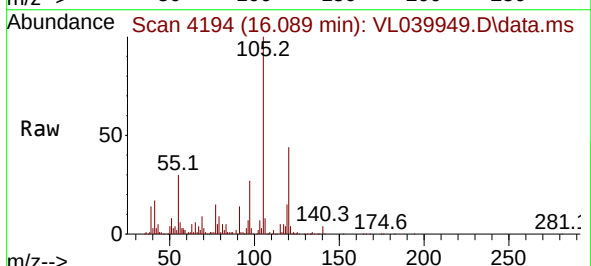
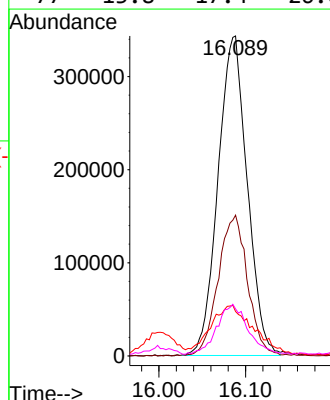
Ion Ratio Lower Upper

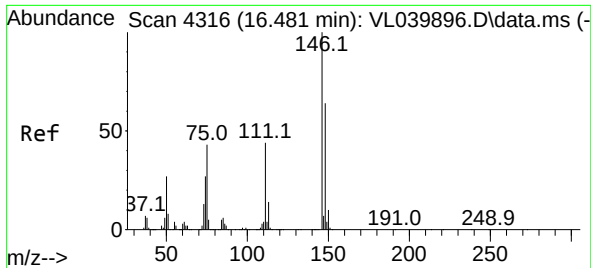
105 100

120 43.9 38.7 58.1

91 11.4 36.4 54.6#

77 13.8 17.4 26.0#





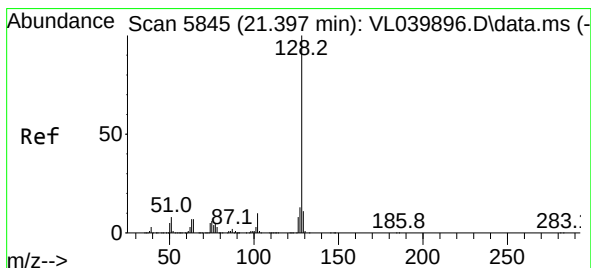
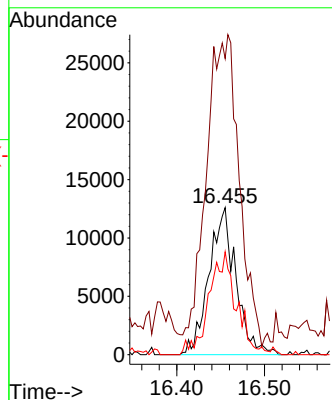
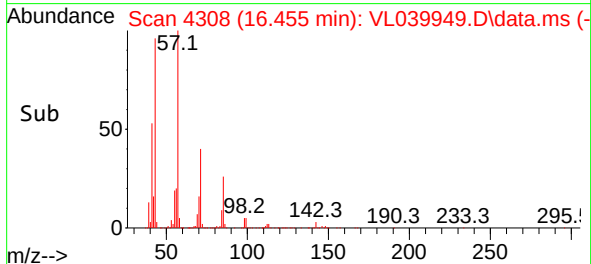
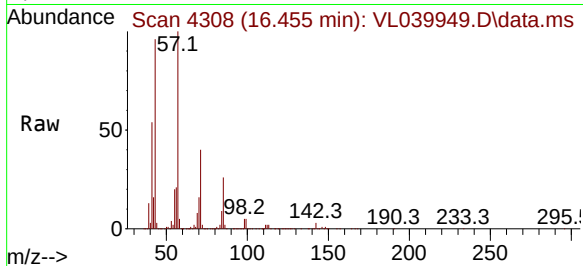
#76
1,4-Dichlorobenzene
Concen: 0.140 ppbv m
RT: 16.455 min Scan# 4316
Delta R.T. -0.013 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

Instrument :
MSVOA_L
ClientSampleId :
OTC-SS

Tgt Ion:146 Resp: 26835
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.3
148 0.0 32.3 96.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#79
Naphthalene
Concen: 3.214 ppbv
RT: 21.365 min Scan# 5835
Delta R.T. -0.006 min
Lab File: VL039949.D
Acq: 1 Dec 2022 19:40

Tgt Ion:128 Resp: 662315
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.0 8.8 13.2

