

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039444.D
 Acq On : 12 Jul 2022 11:46
 Operator : SY/AP
 Sample : VL0712ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABS01

Quant Time: Jul 13 01:31:07 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 13 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Bromochloromethane	5.684	49	1380576	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	3895122	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.102	117	3926999	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.433 95 2918857 10.019 ppbv 0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.063	85	1874977	9.416	ppbv	98
3) Chlorodifluoromethane	3.005	51	1503627	8.585	ppbv	100
4) Chloromethane	3.157	50	823899	8.601	ppbv	99
5) Vinyl Chloride	3.272	62	811972	8.596	ppbv	98
6) Bromomethane	3.488	94	347481	8.740	ppbv	94
7) Chloroethane	3.575	64	305052	9.079	ppbv	100
8) Dichlorotetrafluoroethane	3.205	85	1973330	9.072	ppbv	99
9) Propene	3.028	41	673548	8.515	ppbv	98
10) Heptane	8.137	43	1733134	9.355	ppbv	100
11) Trichlorofluoromethane	3.967	101	1961225	8.838	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.501	101	1443256	8.725	ppbv	99
13) Ethanol	3.610	45	46637m	10.162	ppbv	
14) Bromoethene	3.758	108	629993	9.059	ppbv	99
15) Acetone	3.864	43	1421971	8.706	ppbv	99
16) 1,3-Butadiene	3.343	39	778724	9.189	ppbv	99
17) tert-Butyl alcohol	4.295	59	1291676	9.318	ppbv	99
18) 1,1-Dichloroethene	4.308	96	648485	8.653	ppbv	96
19) Isopropyl Alcohol	3.973	45	747226	8.577	ppbv #	96
20) Methylene Chloride	4.359	84	549058	8.434	ppbv	96
21) Allyl Chloride	4.427	41	1001048	8.849	ppbv	99
22) trans-1,2-Dichloroethene	4.902	96	680882	9.386	ppbv	96
23) Vinyl Acetate	5.089	43	1122401	10.283	ppbv	99
24) 1,1-Dichloroethane	5.028	63	1457621	9.455	ppbv	97
25) Ethyl Acetate	5.690	43	3090945	9.229	ppbv	99
26) Hexane	5.703	57	1331069	9.860	ppbv	99
27) Carbon Disulfide	4.568	76	1613173	9.900	ppbv	99
28) Methyl tert-Butyl Ether	5.047	73	1402943	9.720	ppbv	98
29) Chloroform	5.771	83	2072523	8.829	ppbv	98
30) Cyclohexane	7.150	84	1127749	9.176	ppbv	99
31) cis-1,2-Dichloroethene	5.565	61	1311559	9.156	ppbv	99
32) 1,1,1-Trichloroethane	6.529	97	2113927	9.124	ppbv	100
34) 2-Butanone	5.256	43	1813078	9.247	ppbv	99
35) Carbon Tetrachloride	7.034	117	2274921	9.452	ppbv	98
36) Benzene	6.909	78	2741915	9.095	ppbv	98
37) 1,2-Dichloroethane	6.320	62	1575622	8.855	ppbv	100
38) Trichloroethene	7.851	130	1465889	8.990	ppbv	99
39) 1,2-Dichloropropane	7.629	63	1039465	9.230	ppbv	96
40) 1,4-Dioxane	7.848	88	398082	8.870	ppbv #	1
41) Tetrahydrofuran	6.063	42	1072941	9.443	ppbv	99
42) Bromodichloromethane	7.809	83	2312212	9.638	ppbv	97
43) Methyl Methacrylate	8.031	69	1120762	9.777	ppbv	99
44) 2,2,4-Trimethylpentane	7.886	57	4593491	8.992	ppbv	99
45) t-1,3-Dichloropropene	9.295	75	1135936	11.130	ppbv	98

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 01:31:07 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

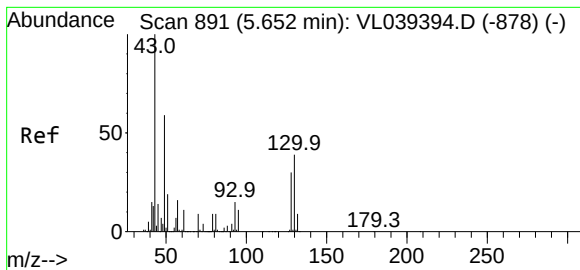
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 13 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

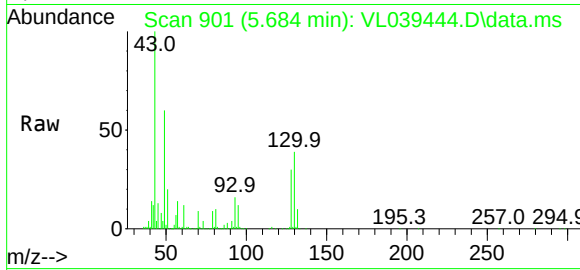
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.719	75	1488771	10.598	ppbv	98
47) 1,1,2-Trichloroethane	9.491	97	1158475	9.168	ppbv	97
48) Dibromochloromethane	10.320	129	2069884	10.306	ppbv	100
49) Bromoform	13.056	173	1746601	10.780	ppbv	100
50) 4-Methyl-2-Pentanone	8.754	43	2862190	9.654	ppbv	100
51) 2-Hexanone	10.147	43	2233717	9.961	ppbv #	98
52) Tetrachloroethene	11.240	164	1100130	9.065	ppbv	98
53) Toluene	9.825	91	3339032	9.602	ppbv	100
54) 1,2-Dibromoethane	10.626	107	1521454	9.676	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.143	131	1507615	8.690	ppbv #	57
57) Chlorobenzene	12.166	112	2531356	8.314	ppbv	98
58) Ethyl Benzene	12.729	91	4435611	8.747	ppbv	98
59) m/p-Xylene	13.008	91	7622564m	17.051	ppbv	
60) o-Xylene	13.706	91	3598750	8.501	ppbv	98
61) Styrene	13.542	104	2212176	9.647	ppbv	99
62) Isopropylbenzene	14.680	105	5443601	8.444	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.690	83	1749792	7.886	ppbv	100
64) n-propylbenzene	15.574	120	1447215	8.857	ppbv	97
65) tert-Butylbenzene	16.761	119	4995126	8.385	ppbv	99
66) Benzyl Chloride	17.002	91	546342	9.651	ppbv	98
67) sec-Butylbenzene	17.310	105	6800903	8.476	ppbv	99
69) p-Isopropyltoluene	17.664	119	5895393	8.659	ppbv	100
70) n-Butylbenzene	18.561	91	5718801	8.655	ppbv	100
71) 2-Chlorotoluene	15.465	91	4002762	8.676	ppbv	100
72) 4-Ethyltoluene	15.851	105	4494812	9.031	ppbv	99
73) 1,3,5-Trimethylbenzene	16.008	105	4038707	8.835	ppbv	98
74) 1,2,4-Trimethylbenzene	16.777	105	4351480	8.605	ppbv	99
75) 1,3-Dichlorobenzene	17.011	146	2610262	8.653	ppbv	100
76) 1,4-Dichlorobenzene	17.150	146	2527512	8.454	ppbv	100
77) 1,2-Dichlorobenzene	17.828	146	2518933	8.425	ppbv	100
78) Hexachloro-1,3-Butadiene	23.387	225	1773873	7.377	ppbv	100
79) Naphthalene	22.210	128	3488534	10.024	ppbv	100
80) Naphthalene,2-methyl-	24.979	142	1212707	10.239	ppbv	96
81) 1,2,4-Trichlorobenzene	21.937	180	2001751	8.831	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.684 min Scan# 90
Delta R.T. 0.032 min
Lab File: VL039444.D
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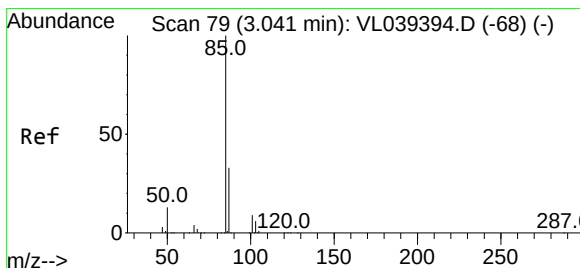
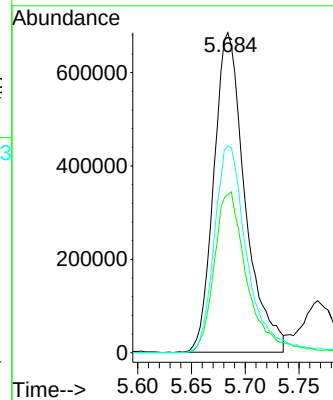
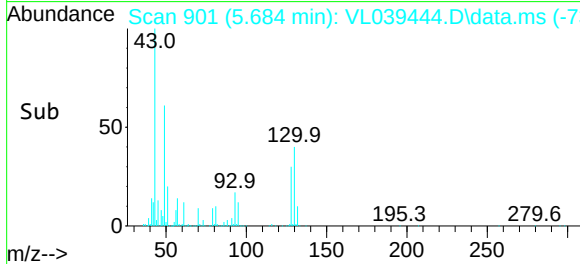
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



Tgt Ion: 49 Resp: 1380570
Ion Ratio Lower Upper
49 100
128 54.1 26.7 80.0
130 69.6 34.3 102.8

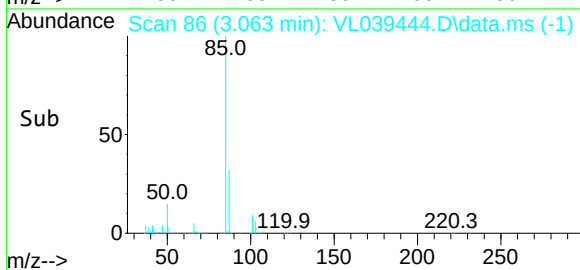
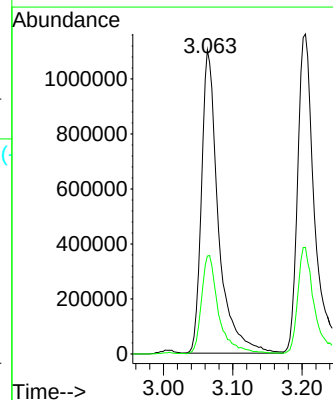
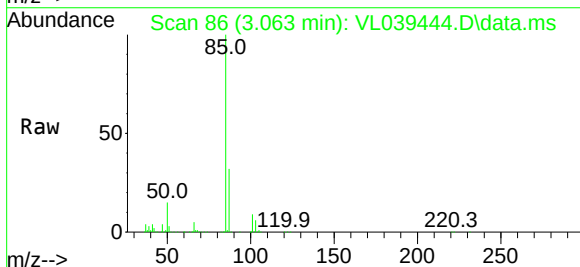
Manual Integrations
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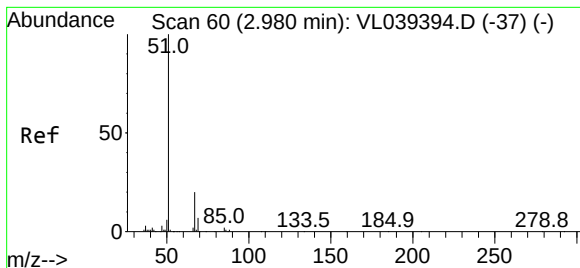
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 9.416 ppbv
RT: 3.063 min Scan# 86
Delta R.T. 0.022 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Tgt Ion: 85 Resp: 1874977
Ion Ratio Lower Upper
85 100
87 32.1 26.7 40.1





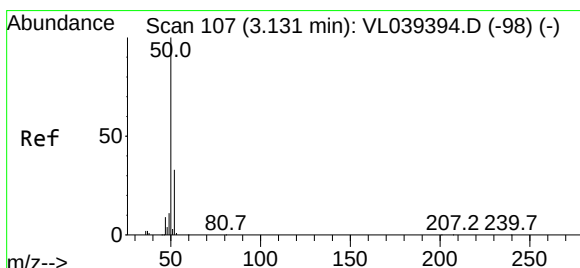
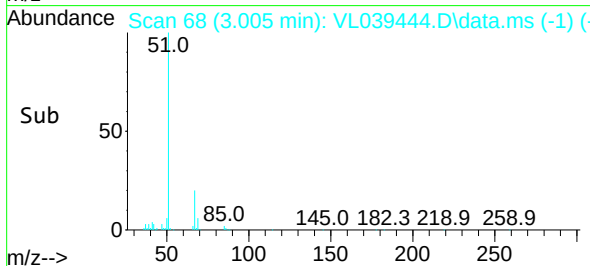
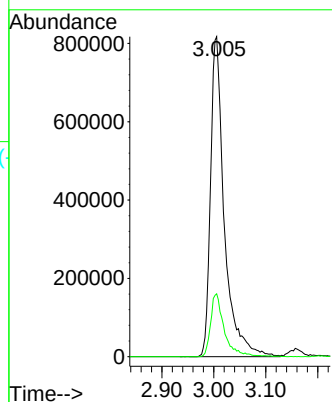
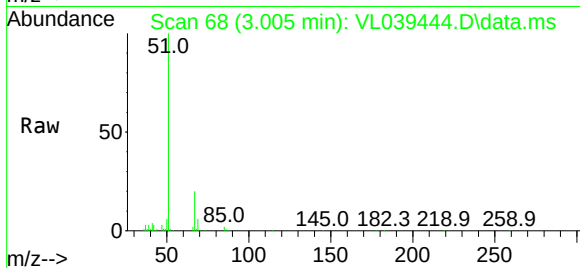
#3
Chlorodifluoromethane
Concen: 8.585 ppbv
RT: 3.005 min Scan# 60
Delta R.T. 0.026 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01

Tgt Ion: 51 Resp: 150362
Ion Ratio Lower Upper
51 100
67 19.7 15.7 23.5

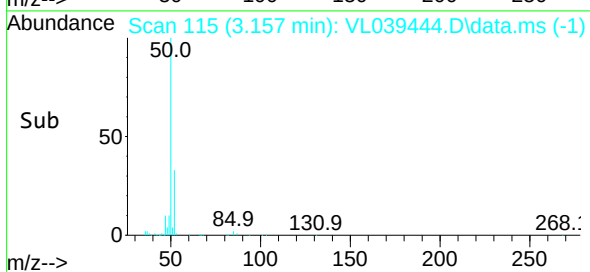
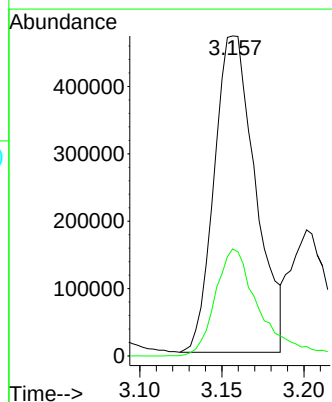
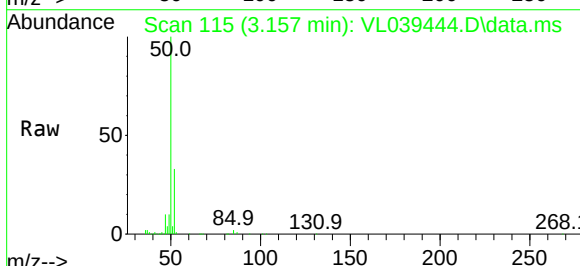
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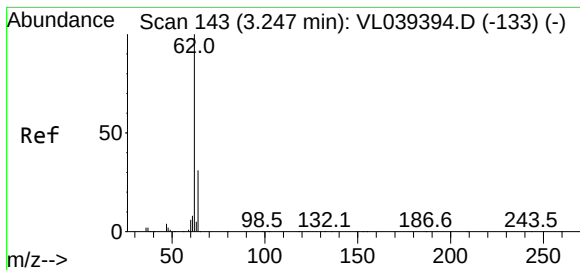
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#4
Chloromethane
Concen: 8.601 ppbv
RT: 3.157 min Scan# 115
Delta R.T. 0.026 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Tgt Ion: 50 Resp: 823899
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7





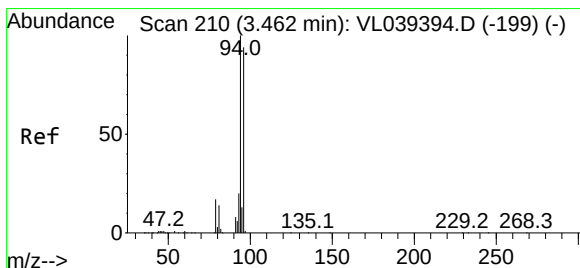
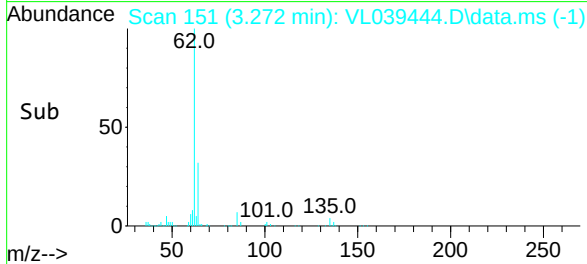
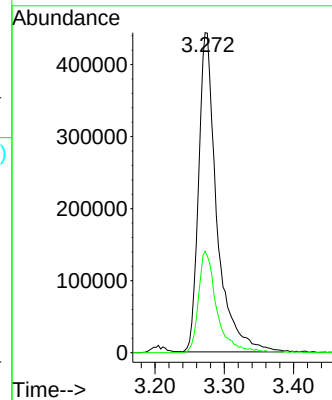
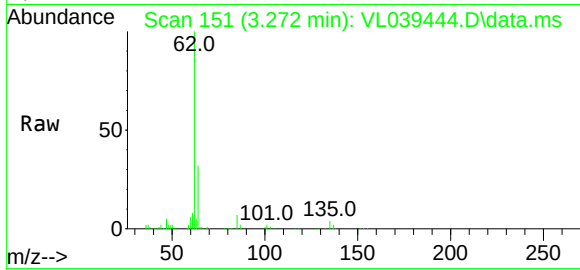
#5
 Vinyl Chloride
 Concen: 8.596 ppbv
 RT: 3.272 min Scan# 11
 Delta R.T. 0.026 min
 Lab File: VL039444.D
 Acq: 12 Jul 2022 11:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABS01

Tgt Ion: 62 Resp: 811972
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.6 36.8

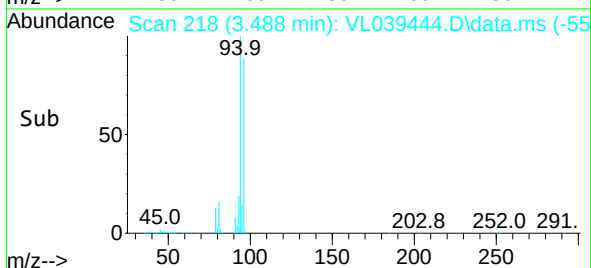
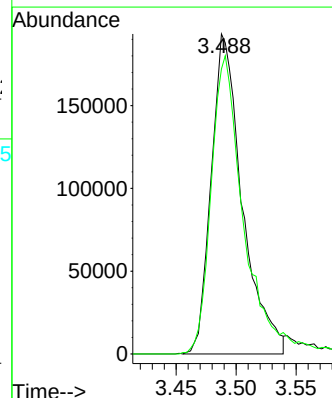
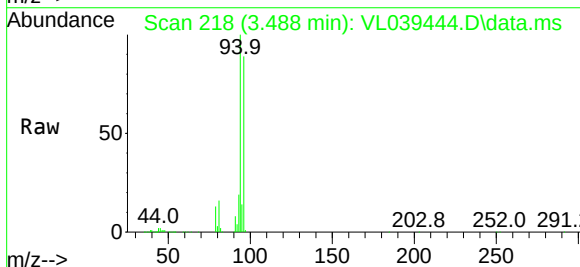
Manual Integrations
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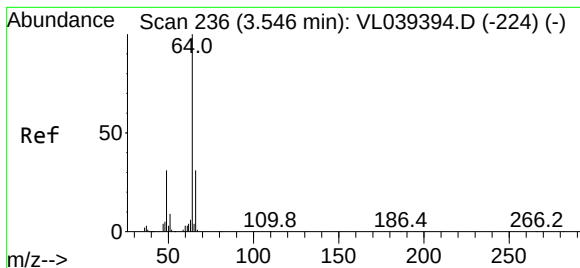
Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#6
 Bromomethane
 Concen: 8.740 ppbv
 RT: 3.488 min Scan# 218
 Delta R.T. 0.026 min
 Lab File: VL039444.D
 Acq: 12 Jul 2022 11:46

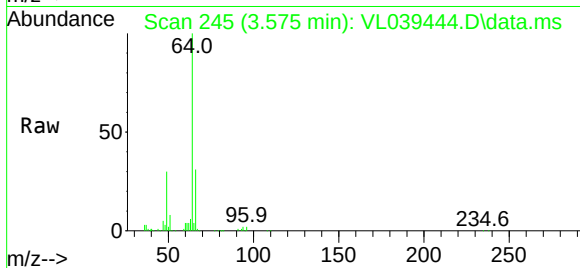
Tgt Ion: 94 Resp: 347481
 Ion Ratio Lower Upper
 94 100
 96 88.6 75.6 113.4





#7
Chloroethane
Concen: 9.079 ppbv
RT: 3.575 min Scan# 245
Delta R.T. 0.029 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

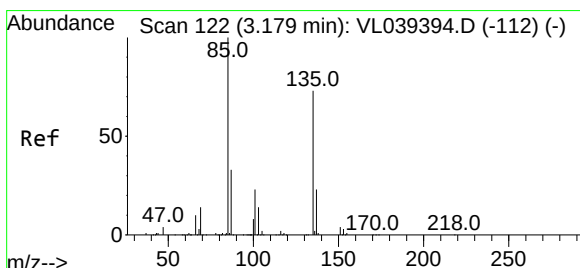
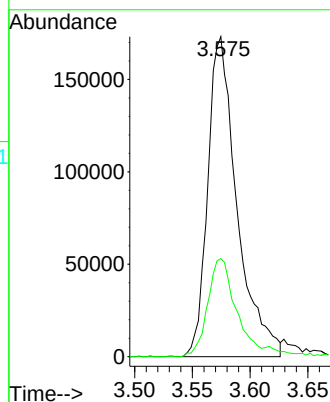
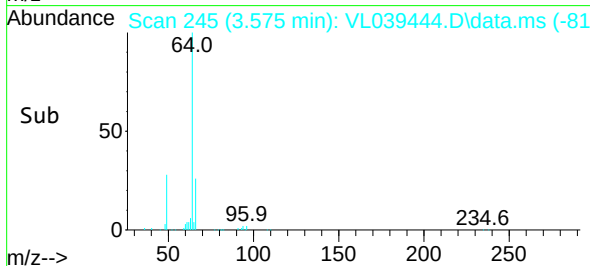
Instrument : MSVOA_L
ClientSampleId : VL0712ABS01



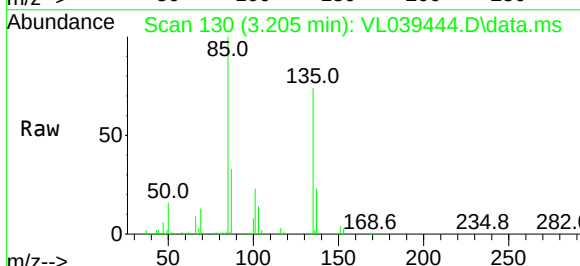
Tgt Ion: 64 Resp: 305052
Ion Ratio Lower Upper
64 100
66 30.6 24.7 37.1

Manual Integrations
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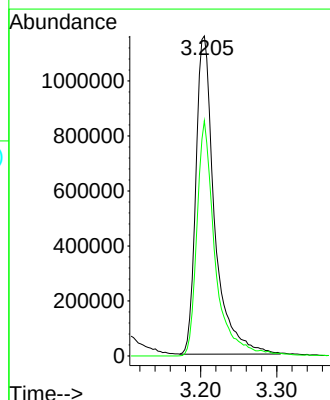
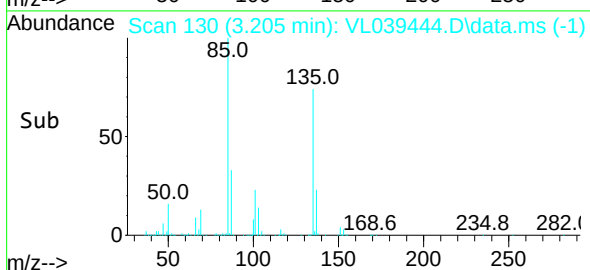
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

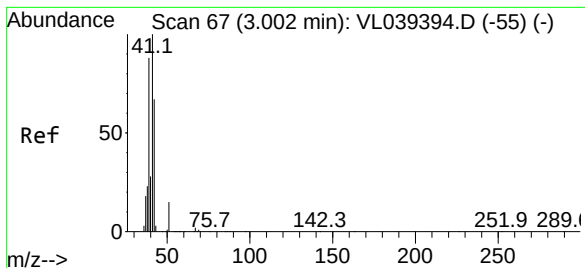


#8
Dichlorotetrafluoroethane
Concen: 9.072 ppbv
RT: 3.205 min Scan# 130
Delta R.T. 0.026 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



Tgt Ion: 85 Resp: 1973330
Ion Ratio Lower Upper
85 100
135 72.8 59.0 88.4





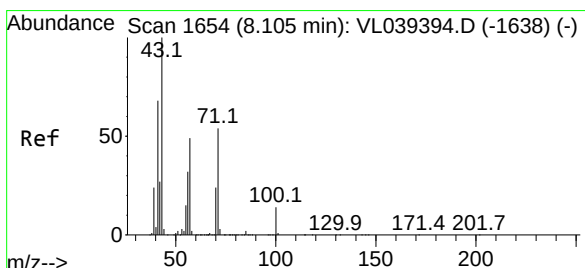
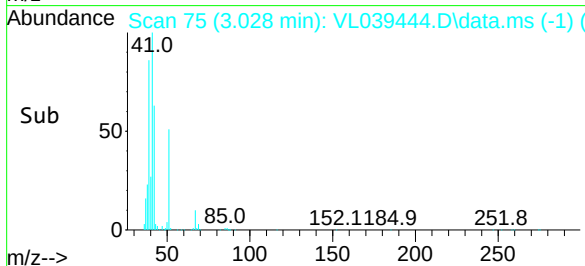
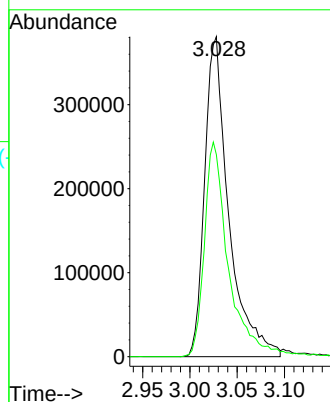
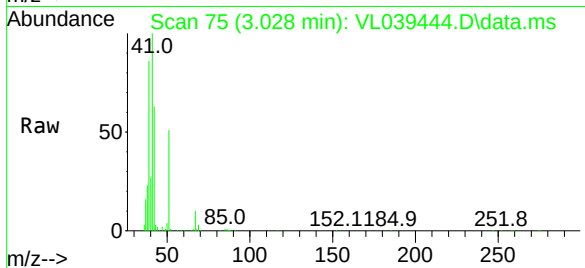
#9
 Propene
 Concen: 8.515 ppbv
 RT: 3.028 min Scan# 71
 Delta R.T. 0.026 min
 Lab File: VL039444.D
 Acq: 12 Jul 2022 11:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABS01

Tgt Ion: 41 Resp: 673548
 Ion Ratio Lower Upper
 41 100
 42 67.7 55.2 82.8

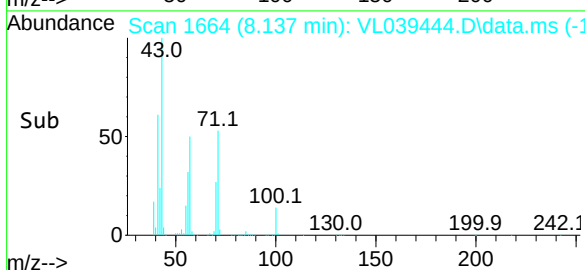
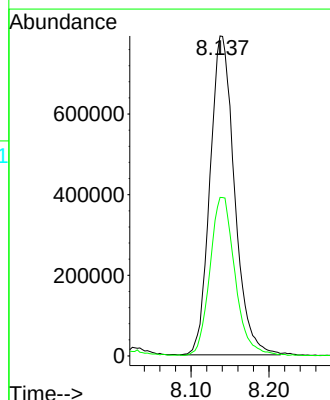
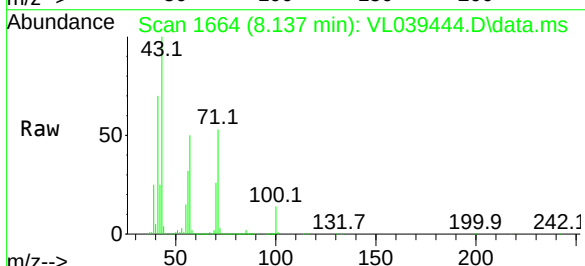
Manual Integrations
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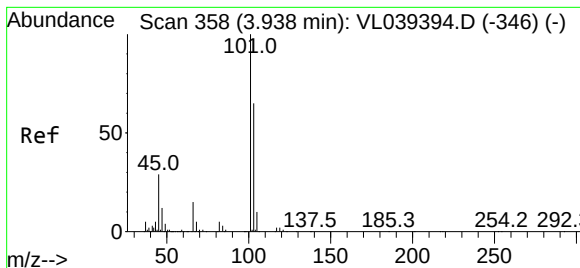
Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#10
 Heptane
 Concen: 9.355 ppbv
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.032 min
 Lab File: VL039444.D
 Acq: 12 Jul 2022 11:46

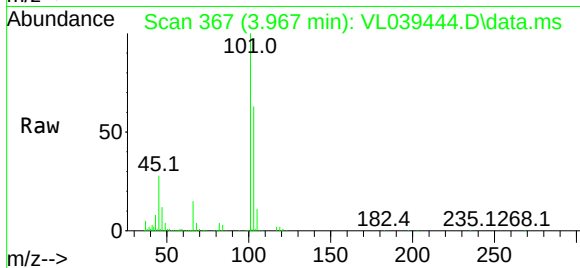
Tgt Ion: 43 Resp: 1733134
 Ion Ratio Lower Upper
 43 100
 57 50.9 40.5 60.7





#11
Trichlorofluoromethane
Concen: 8.838 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.029 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

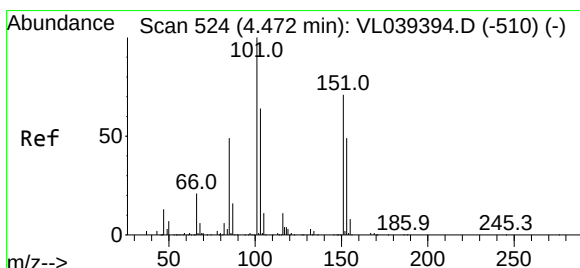
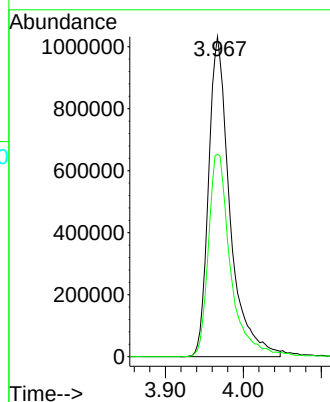
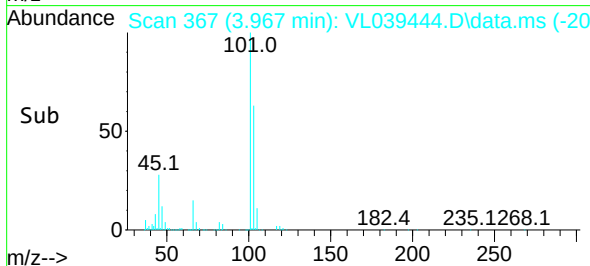
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



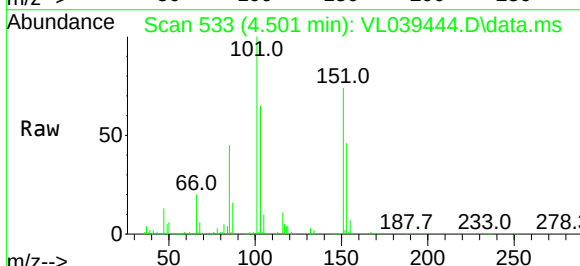
Tgt Ion:101 Resp: 1961225
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8

Manual Integrations
APPROVED

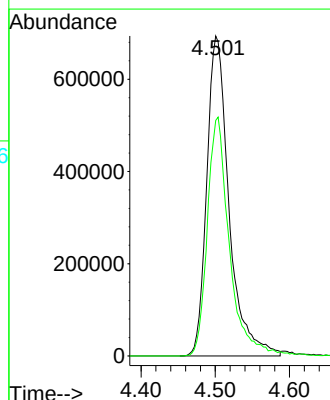
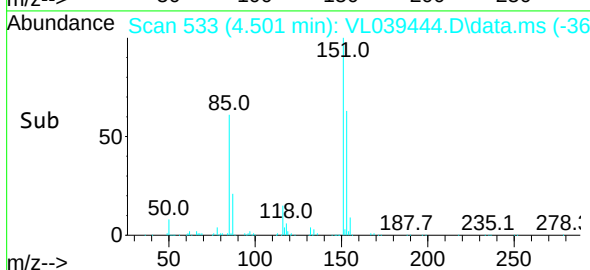
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

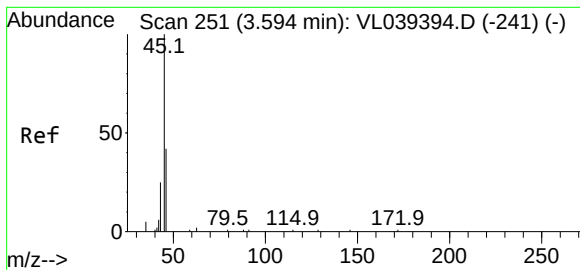


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.725 ppbv
RT: 4.501 min Scan# 533
Delta R.T. 0.029 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



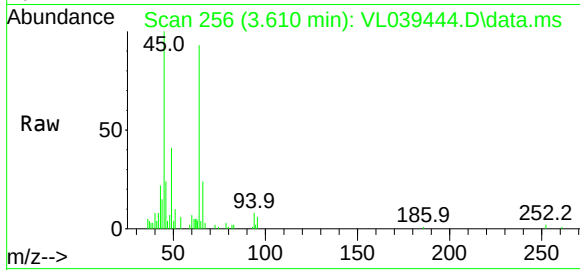
Tgt Ion:101 Resp: 1443256
Ion Ratio Lower Upper
101 100
151 74.3 58.9 88.3





#13
Ethanol
Concen: 10.162 ppbv m
RT: 3.610 min Scan# 210
Delta R.T. 0.016 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

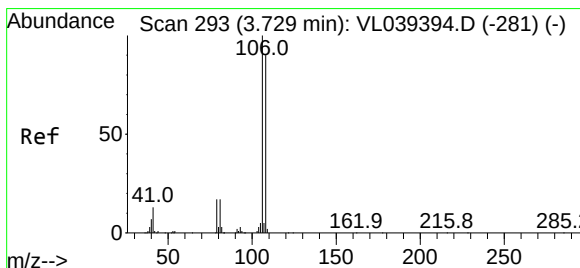
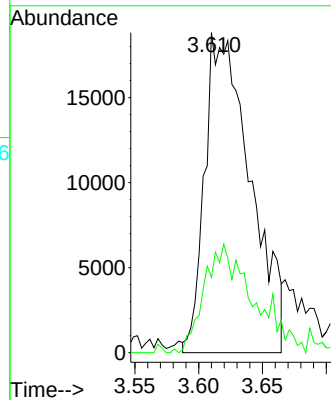
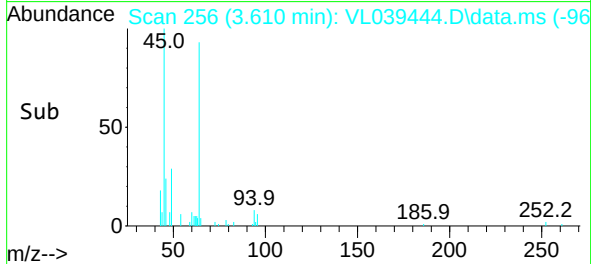
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



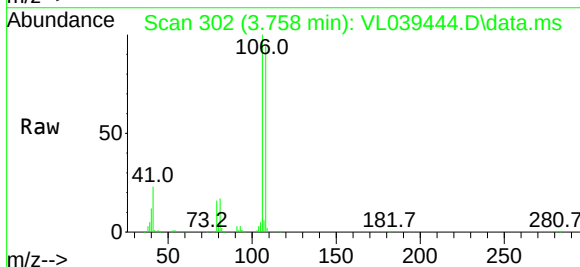
Tgt Ion: 45 Resp: 4663
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

Manual Integrations
APPROVED

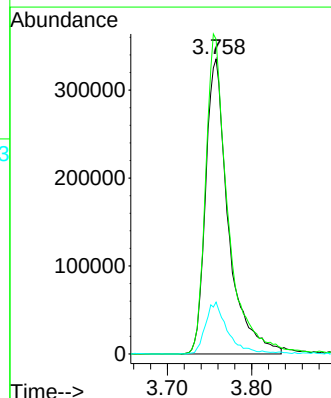
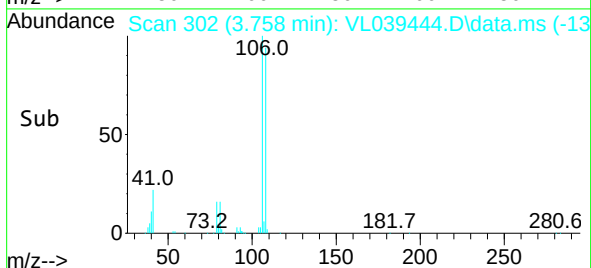
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

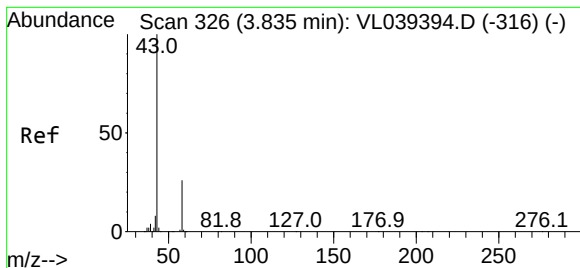


#14
Bromoethene
Concen: 9.059 ppbv
RT: 3.758 min Scan# 302
Delta R.T. 0.029 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



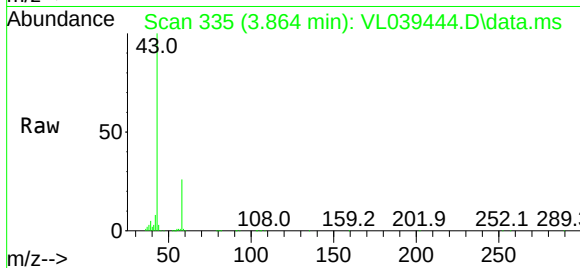
Tgt Ion:108 Resp: 629993
Ion Ratio Lower Upper
108 100
106 107.8 87.1 130.7
79 17.6 14.6 22.0





#15
Acetone
Concen: 8.706 ppbv
RT: 3.864 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

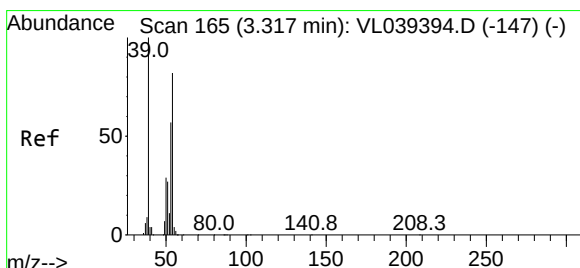
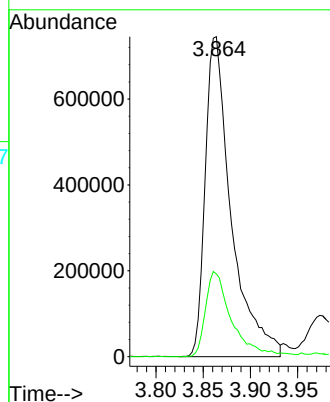
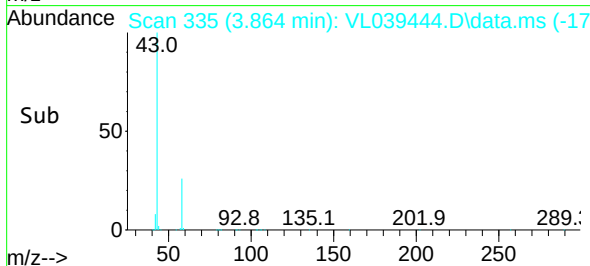
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



Tgt Ion: 43 Resp: 142197
Ion Ratio Lower Upper
43 100
58 27.0 21.0 31.6

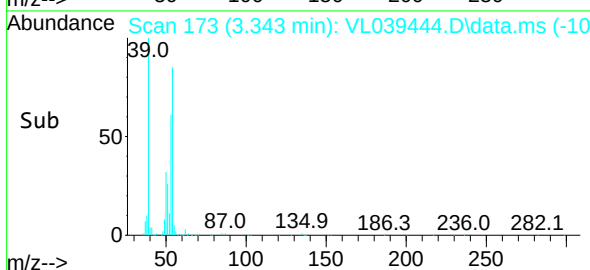
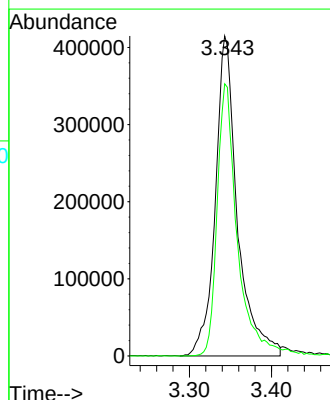
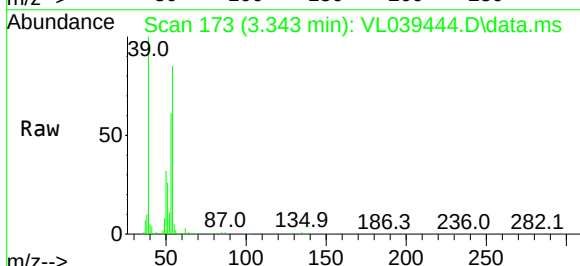
Manual Integrations
APPROVED

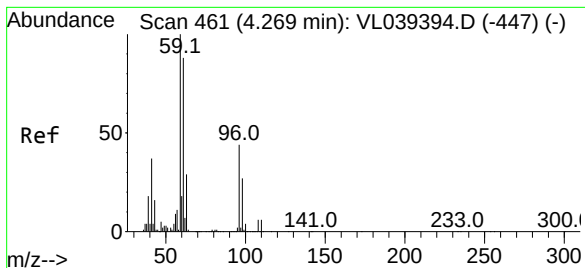
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#16
1,3-Butadiene
Concen: 9.189 ppbv
RT: 3.343 min Scan# 173
Delta R.T. 0.026 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

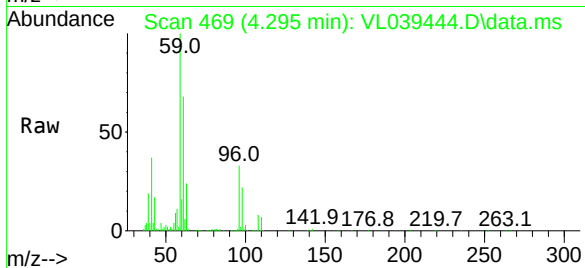
Tgt Ion: 39 Resp: 778724
Ion Ratio Lower Upper
39 100
54 78.6 63.7 95.5





#17
tert-Butyl alcohol
Concen: 9.318 ppbv
RT: 4.295 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

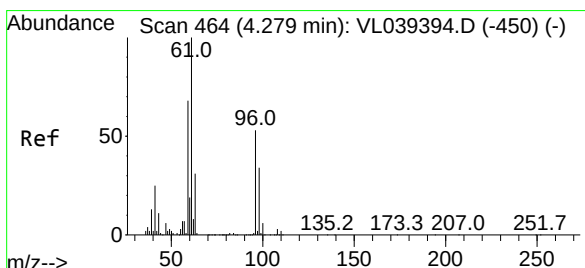
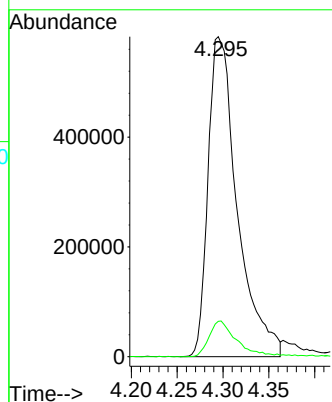
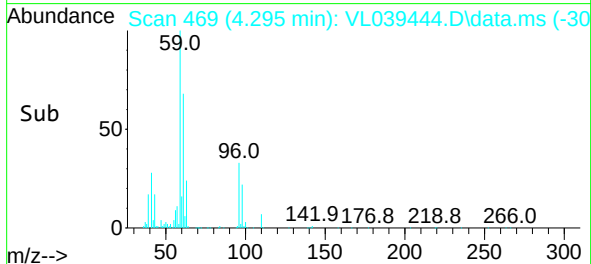
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



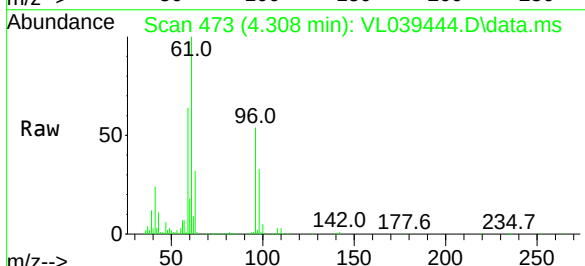
Tgt Ion: 59 Resp: 1291670
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1

Manual Integrations
APPROVED

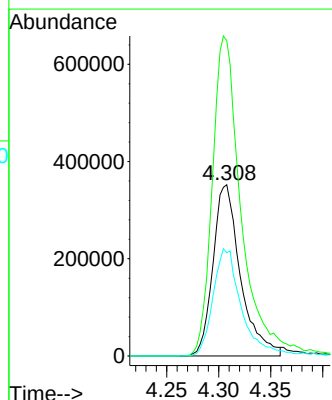
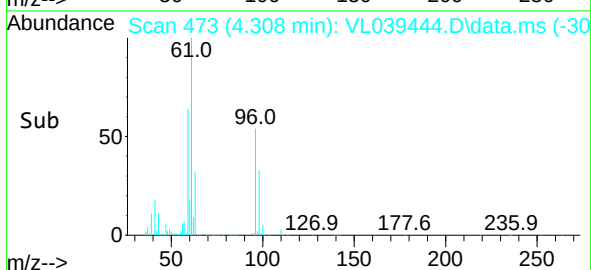
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

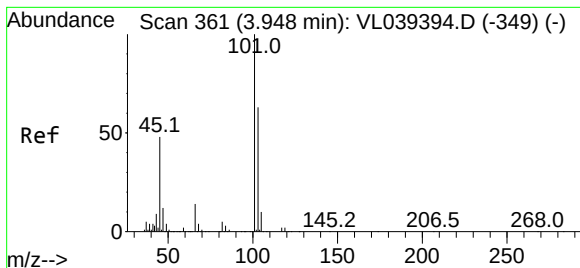


#18
1,1-Dichloroethene
Concen: 8.653 ppbv
RT: 4.308 min Scan# 473
Delta R.T. 0.029 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



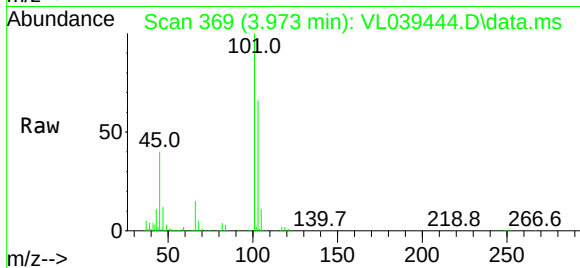
Tgt Ion: 96 Resp: 648485
Ion Ratio Lower Upper
96 100
61 184.3 152.2 228.4
98 60.4 51.8 77.6





#19
Isopropyl Alcohol
Concen: 8.577 ppbv
RT: 3.973 min Scan# 361
Delta R.T. 0.026 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

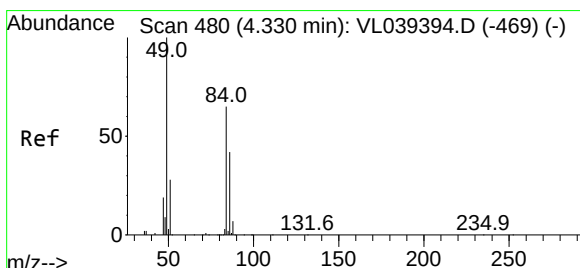
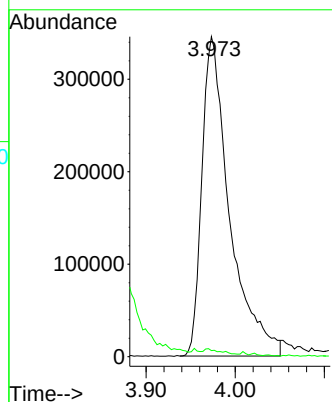
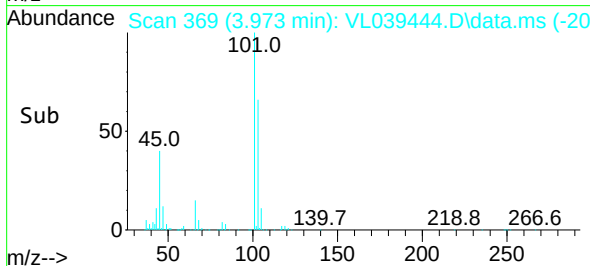
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



Tgt Ion: 45 Resp: 747220
Ion Ratio Lower Upper
45 100
58 2.8 3.2 4.8

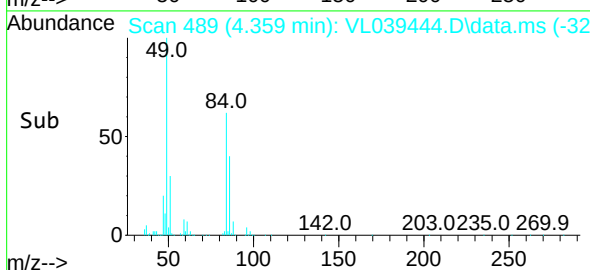
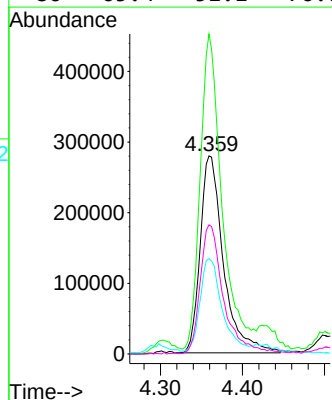
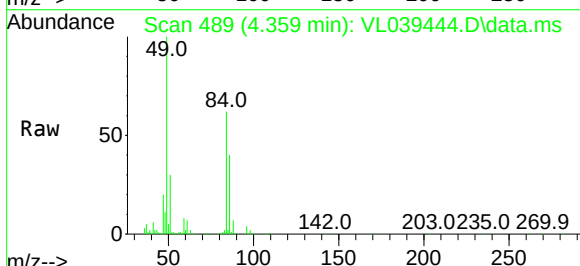
Manual Integrations
APPROVED

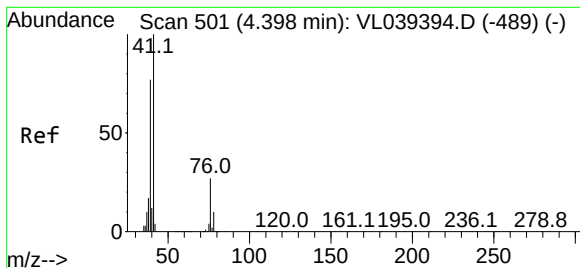
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 8.434 ppbv
RT: 4.359 min Scan# 489
Delta R.T. 0.029 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Tgt Ion: 84 Resp: 549058
Ion Ratio Lower Upper
84 100
49 159.6 123.1 184.7
51 46.9 34.4 51.6
86 65.4 51.1 76.7





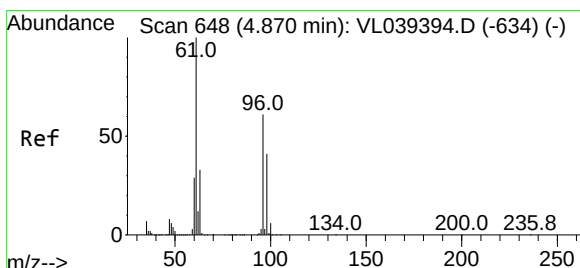
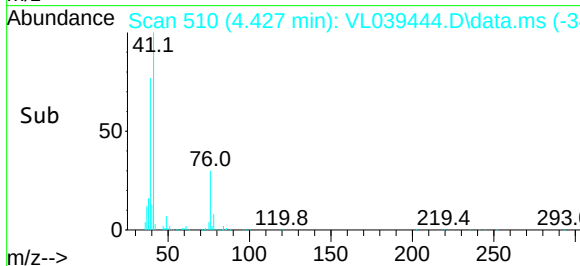
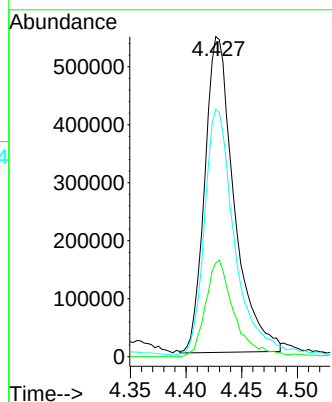
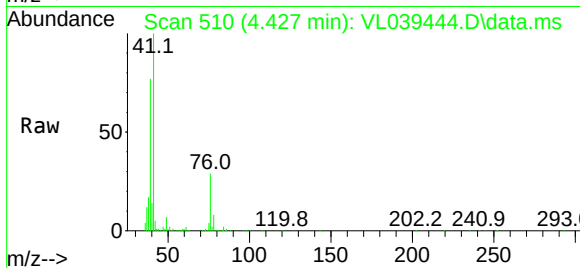
#21
 Allyl Chloride
 Concen: 8.849 ppbv
 RT: 4.427 min Scan# 510
 Delta R.T. 0.029 min
 Lab File: VL039444.D
 Acq: 12 Jul 2022 11:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABS01

Tgt Ion: 41 Resp: 1001048
 Ion Ratio Lower Upper
 41 100
 76 29.9 24.4 36.6
 39 80.6 63.5 95.3

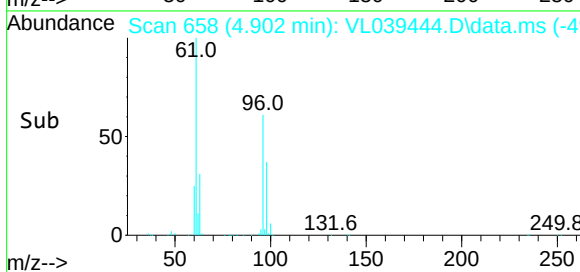
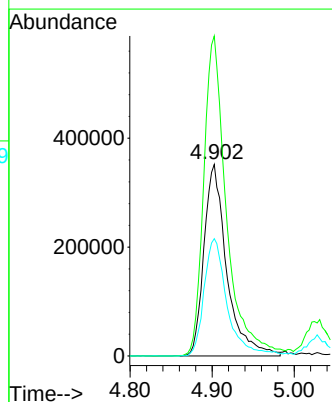
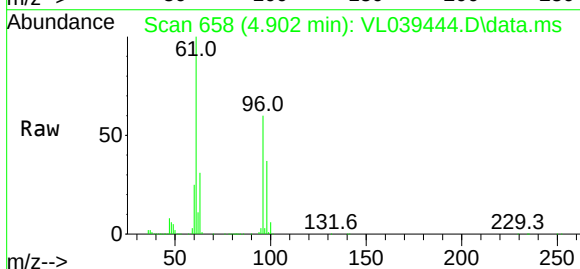
Manual Integrations
 APPROVED

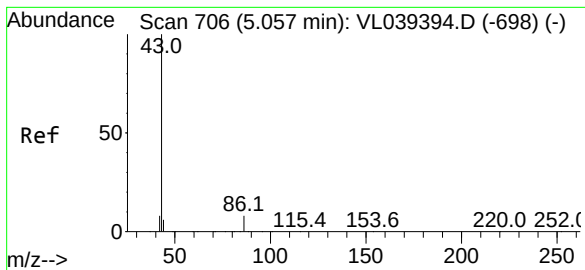
Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.386 ppbv
 RT: 4.902 min Scan# 658
 Delta R.T. 0.032 min
 Lab File: VL039444.D
 Acq: 12 Jul 2022 11:46

Tgt Ion: 96 Resp: 680882
 Ion Ratio Lower Upper
 96 100
 61 166.8 130.6 195.8
 98 61.2 53.4 80.0





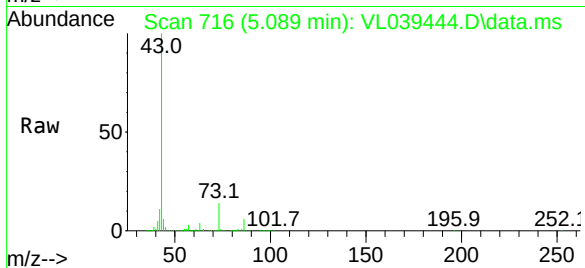
#23
 Vinyl Acetate
 Concen: 10.283 ppbv
 RT: 5.089 min Scan# 716
 Delta R.T. 0.032 min
 Lab File: VL039444.D
 Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01



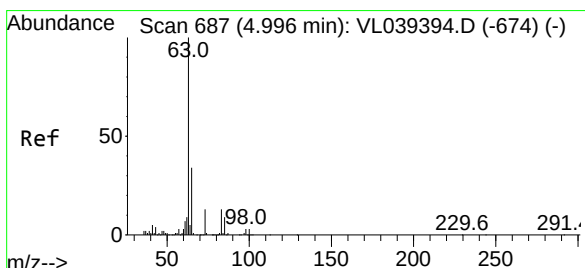
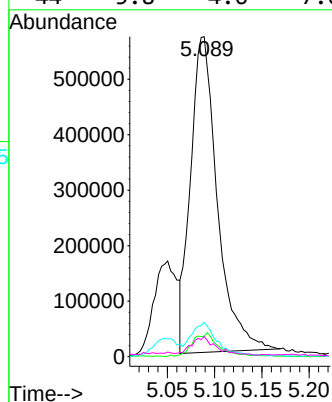
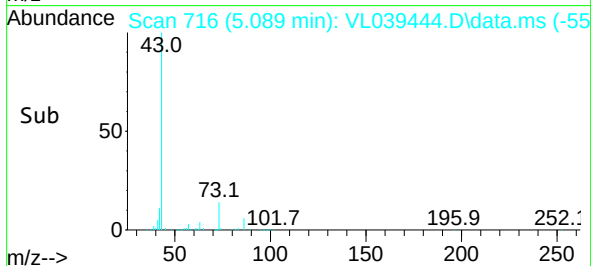
Tgt Ion: 43 Resp: 112240

Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.0	7.6
42	10.3	7.7	11.5
44	5.8	4.6	7.0

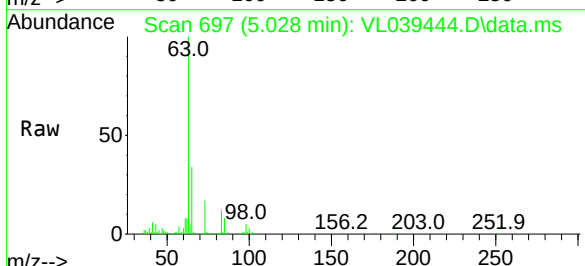
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

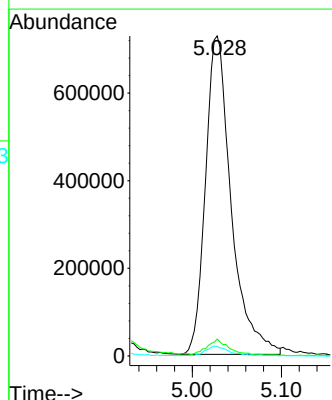
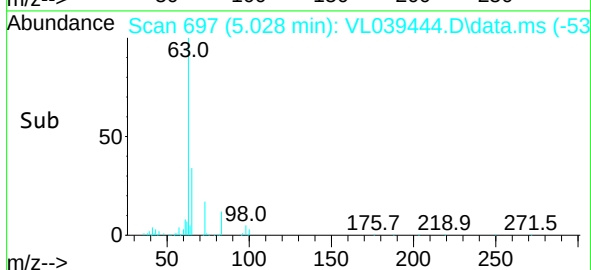


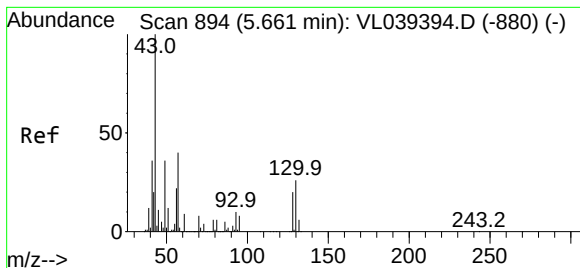
#24
 1,1-Dichloroethane
 Concen: 9.455 ppbv
 RT: 5.028 min Scan# 697
 Delta R.T. 0.032 min
 Lab File: VL039444.D
 Acq: 12 Jul 2022 11:46



Tgt Ion: 63 Resp: 1457621

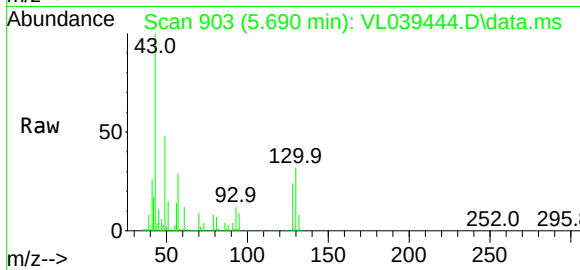
Ion	Ratio	Lower	Upper
63	100		
98	5.1	1.8	5.3
100	3.0	1.5	4.4





#25
Ethyl Acetate
Concen: 9.229 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.029 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

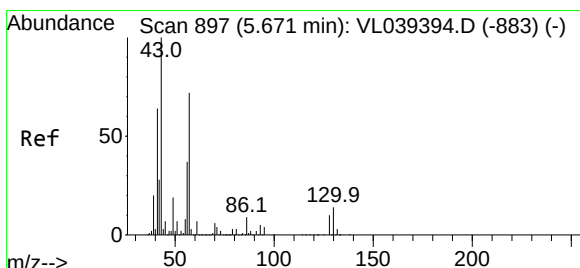
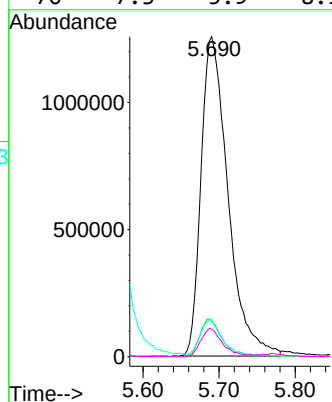
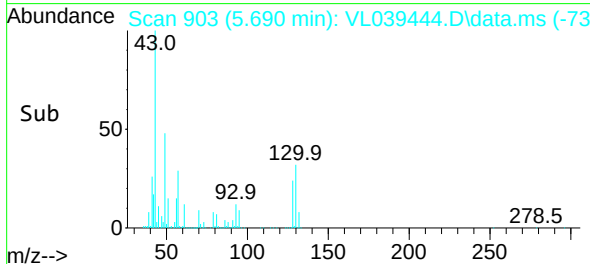
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



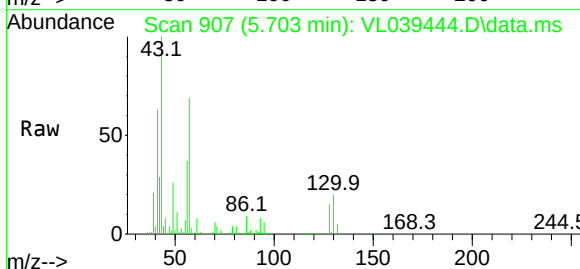
Tgt Ion: 43 Resp: 3090949
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 9.8 8.3 12.5
70 7.3 5.9 8.9

Manual Integrations
APPROVED

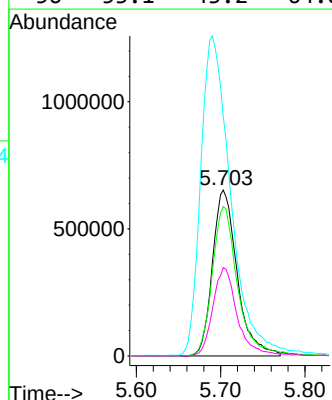
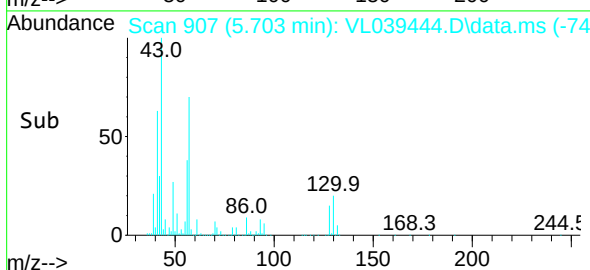
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

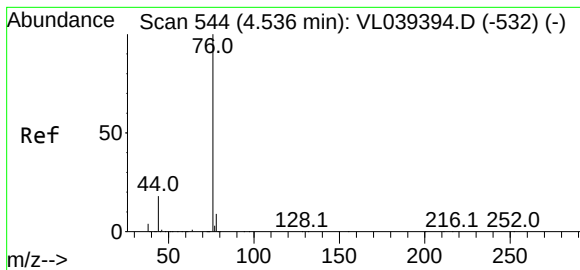


#26
Hexane
Concen: 9.860 ppbv
RT: 5.703 min Scan# 907
Delta R.T. 0.032 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



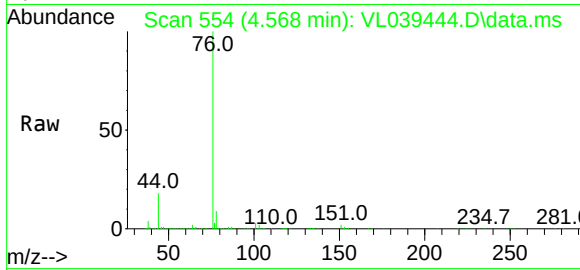
Tgt Ion: 57 Resp: 1331069
Ion Ratio Lower Upper
57 100
41 93.4 76.9 115.3
43 238.9 191.0 286.6
56 53.1 43.2 64.8





#27
Carbon Disulfide
Concen: 9.900 ppbv
RT: 4.568 min Scan# 51
Delta R.T. 0.032 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

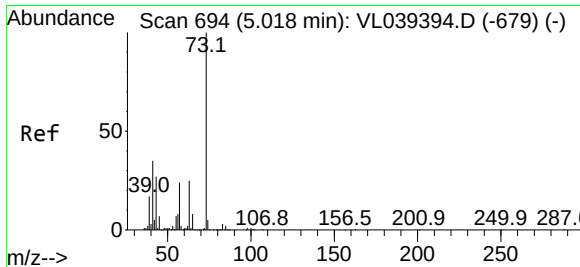
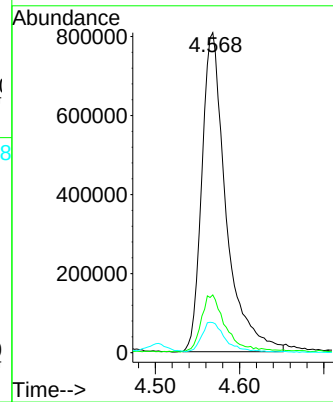
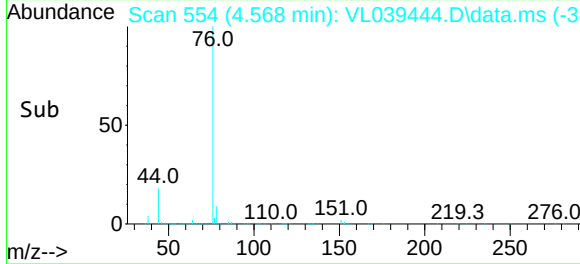
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



Tgt Ion: 76 Resp: 161317
Ion Ratio Lower Upper
76 100
44 19.0 14.6 21.8
78 9.8 7.8 11.6

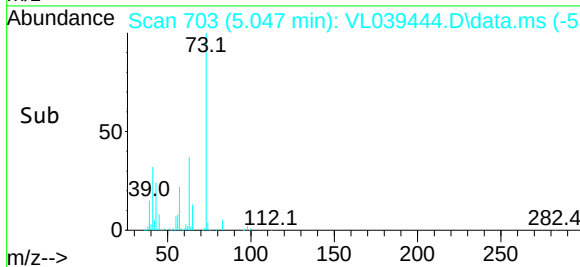
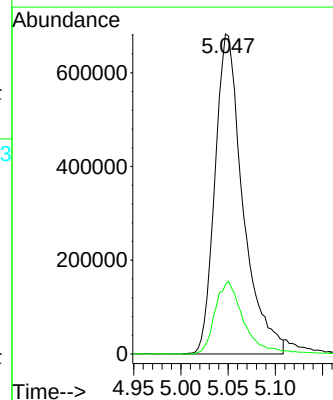
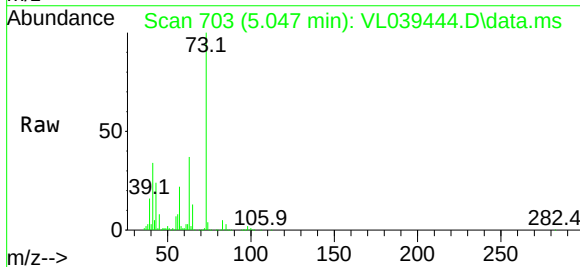
Manual Integrations
APPROVED

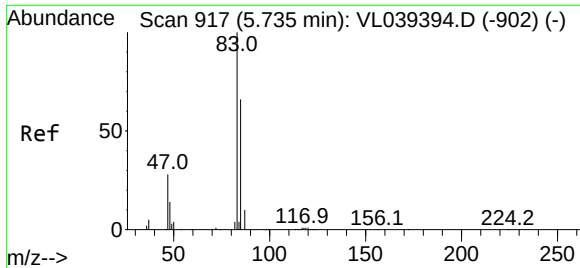
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#28
Methyl tert-Butyl Ether
Concen: 9.720 ppbv
RT: 5.047 min Scan# 703
Delta R.T. 0.029 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

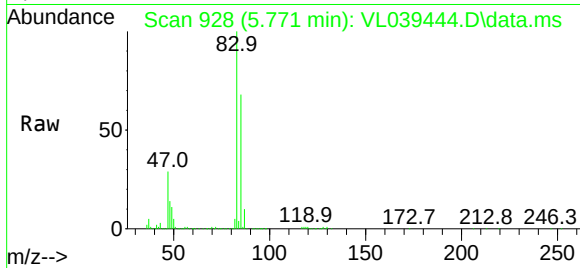
Tgt Ion: 73 Resp: 1402943
Ion Ratio Lower Upper
73 100
57 23.6 19.8 29.8





#29
Chloroform
Concen: 8.829 ppbv
RT: 5.771 min Scan# 917
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

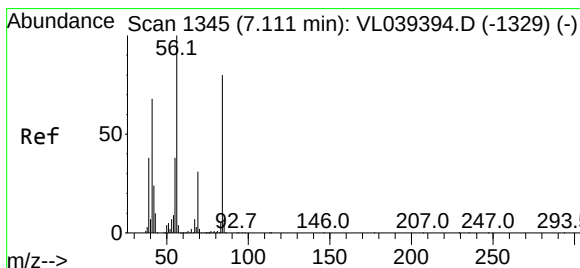
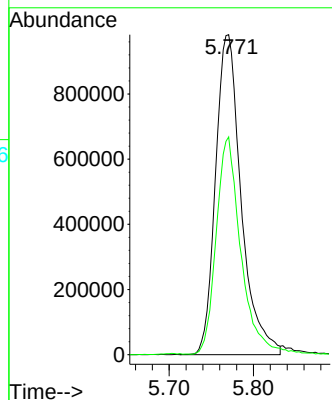
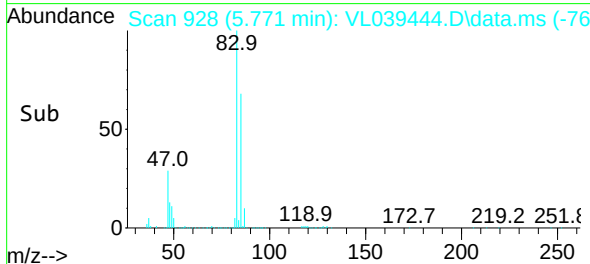
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



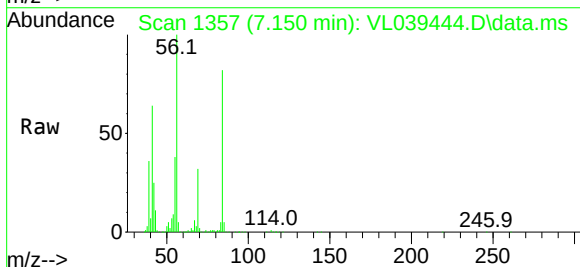
Tgt Ion: 83 Resp: 207252
Ion Ratio Lower Upper
83 100
85 67.7 52.8 79.2

Manual Integrations
APPROVED

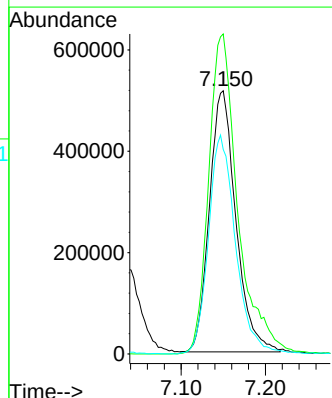
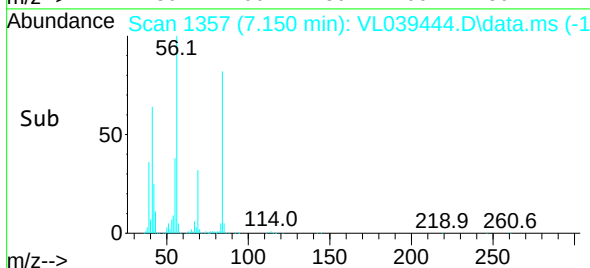
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

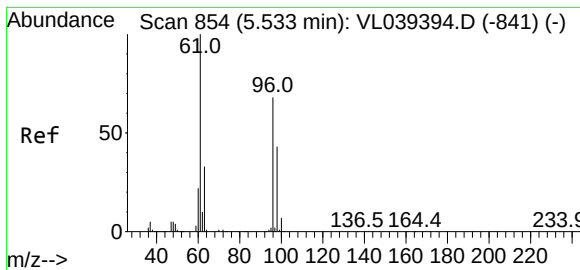


#30
Cyclohexane
Concen: 9.176 ppbv
RT: 7.150 min Scan# 1357
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



Tgt Ion: 84 Resp: 1127749
Ion Ratio Lower Upper
84 100
56 135.4 107.7 161.5
41 85.5 67.7 101.5





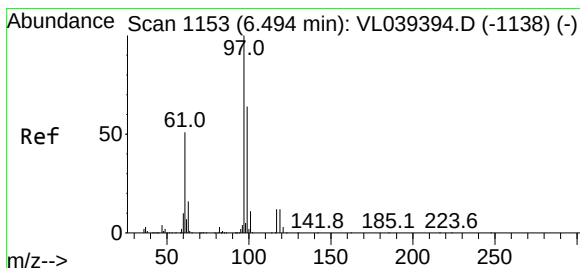
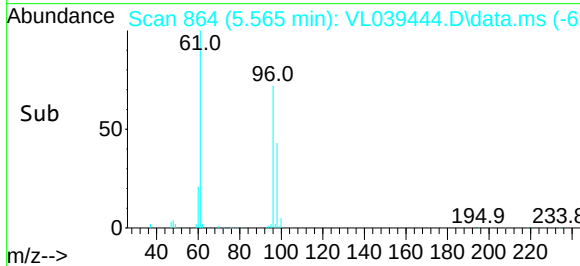
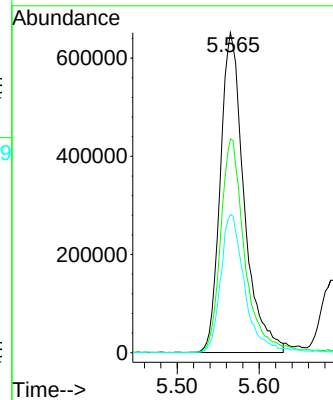
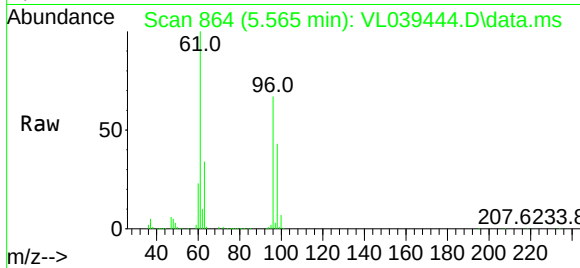
#31
cis-1,2-Dichloroethene
Concen: 9.156 ppbv
RT: 5.565 min Scan# 80
Delta R.T. 0.032 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01

Tgt Ion: 61 Resp: 131155
Ion Ratio Lower Upper
61 100
96 66.7 54.1 81.1
98 43.2 34.6 52.0

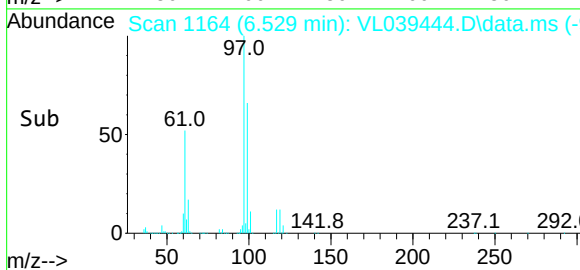
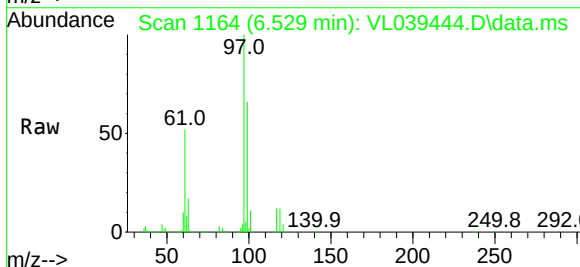
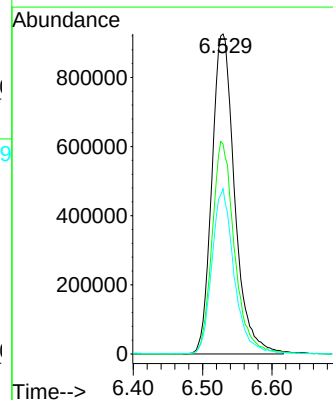
Manual Integrations
APPROVED

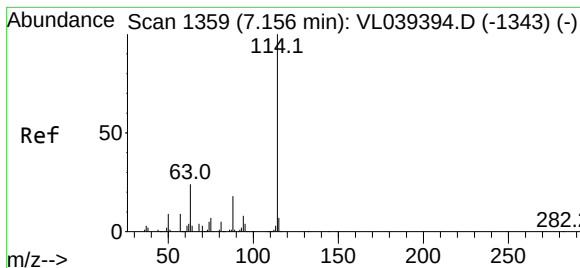
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#32
1,1,1-Trichloroethane
Concen: 9.124 ppbv
RT: 6.529 min Scan# 1164
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Tgt Ion: 97 Resp: 2113927
Ion Ratio Lower Upper
97 100
99 65.4 52.3 78.5
61 50.7 40.9 61.3





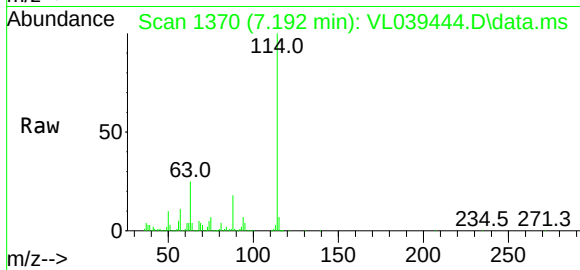
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.192 min Scan# 111
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01

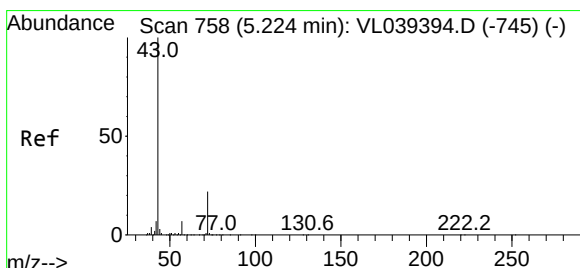
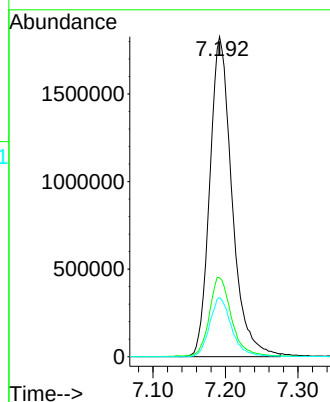
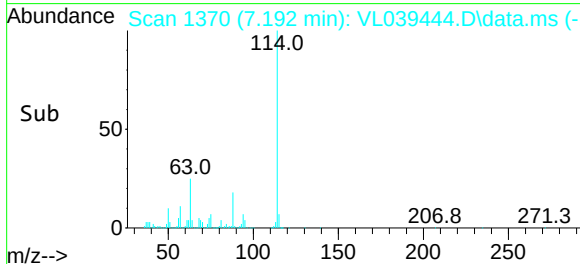


Tgt Ion:114 Resp: 389512
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.2 14.5 21.7

Manual Integrations

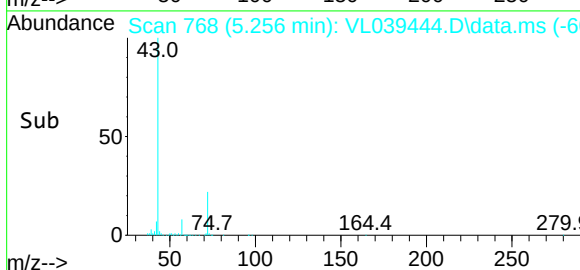
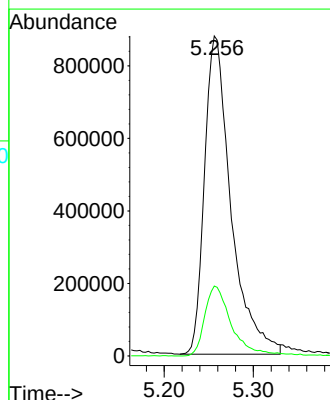
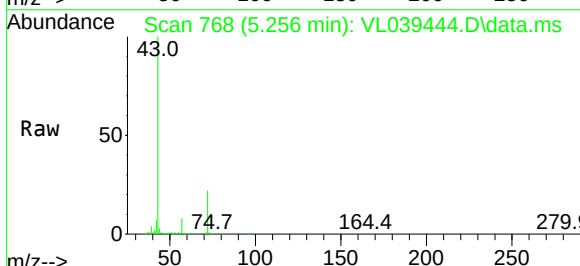
APPROVED

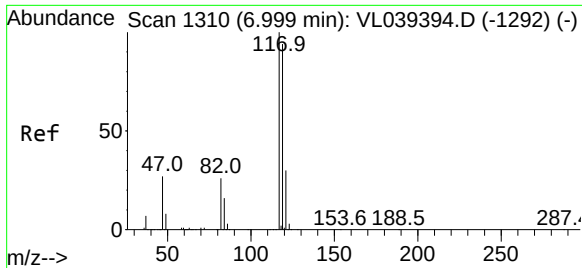
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#34
2-Butanone
Concen: 9.247 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.032 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

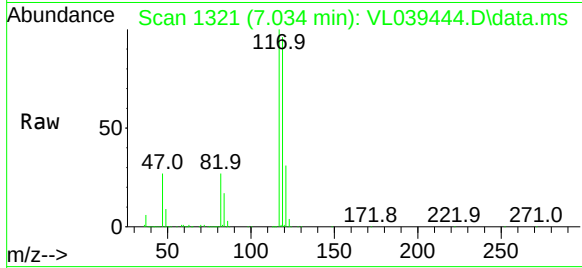
Tgt Ion: 43 Resp: 1813078
Ion Ratio Lower Upper
43 100
72 22.9 17.9 26.9





#35
Carbon Tetrachloride
Concen: 9.452 ppbv
RT: 7.034 min Scan# 11
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01

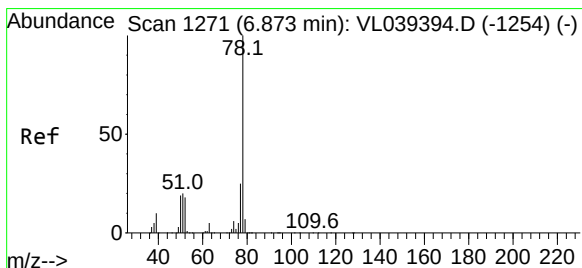
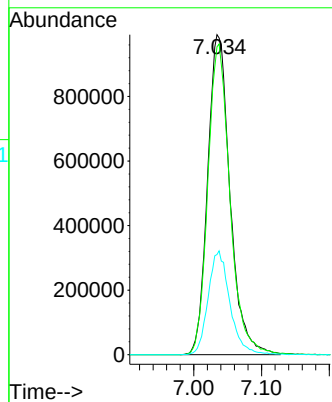
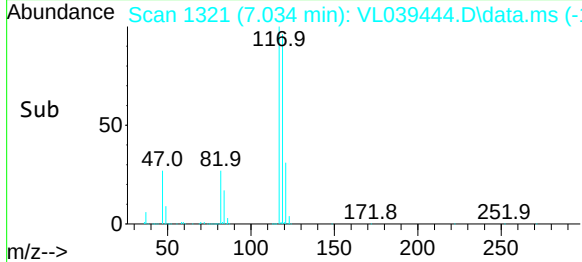


Tgt Ion: 117 Resp: 227492

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.2
121	31.3	24.2	36.2

Manual Integrations
APPROVED

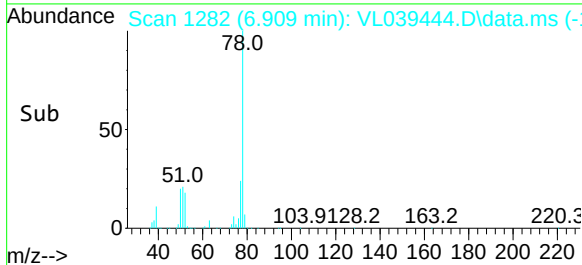
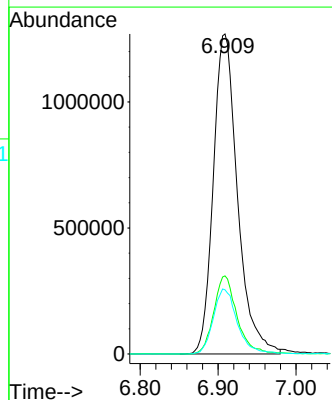
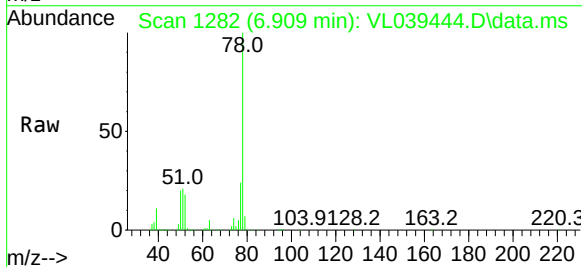
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

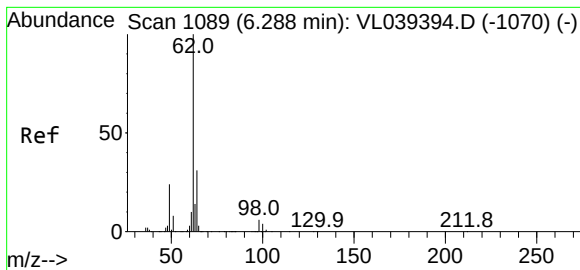


#36
Benzene
Concen: 9.095 ppbv
RT: 6.909 min Scan# 1282
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Tgt Ion: 78 Resp: 2741915

Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.3	30.5
50	20.0	15.5	23.3





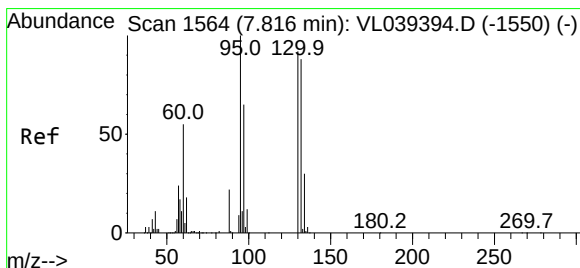
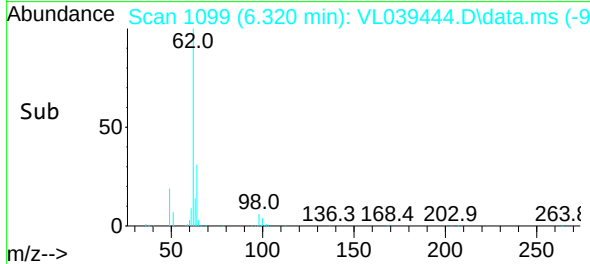
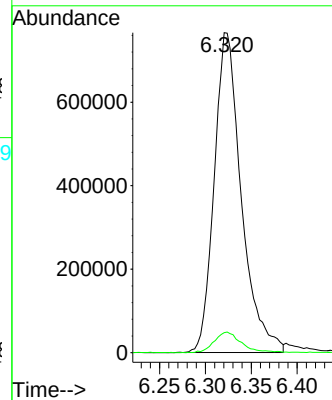
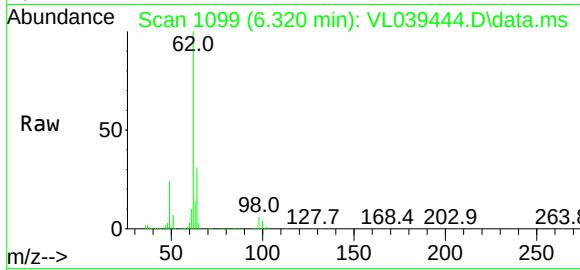
#37
1,2-Dichloroethane
Concen: 8.855 ppbv
RT: 6.320 min Scan# 1089
Delta R.T. 0.032 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01

Tgt Ion: 62 Resp: 157562
Ion Ratio Lower Upper
62 100
98 6.5 5.1 7.7

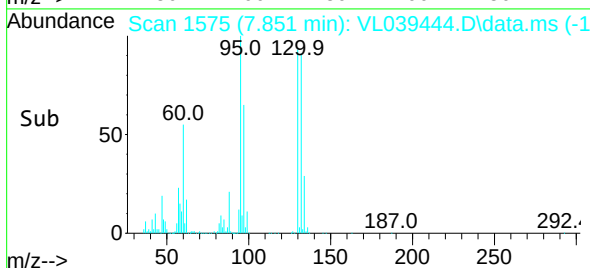
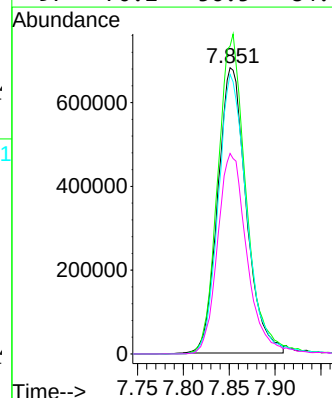
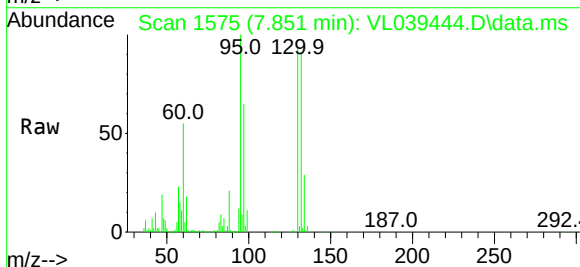
Manual Integrations
APPROVED

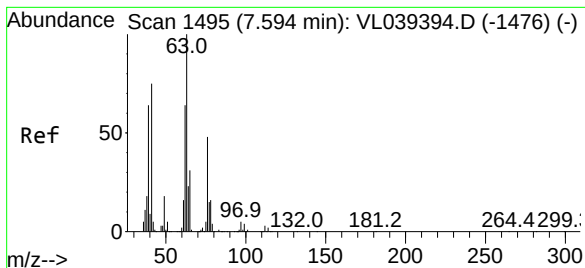
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#38
Trichloroethene
Concen: 8.990 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

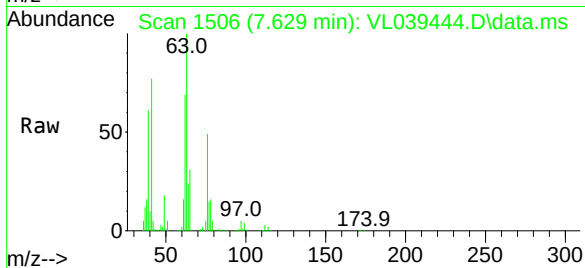
Tgt Ion:130 Resp: 1465889
Ion Ratio Lower Upper
130 100
95 107.9 87.3 130.9
132 97.9 76.7 115.1
97 70.2 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.230 ppbv
RT: 7.629 min Scan# 11
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

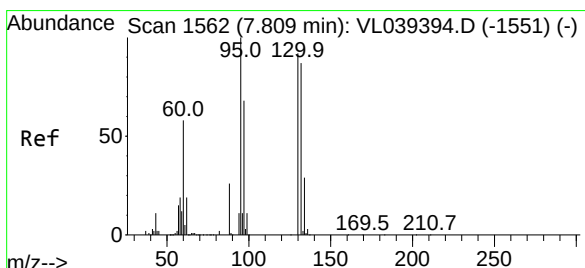
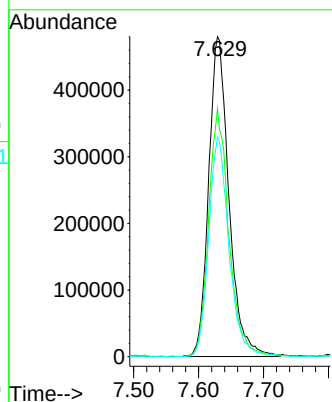
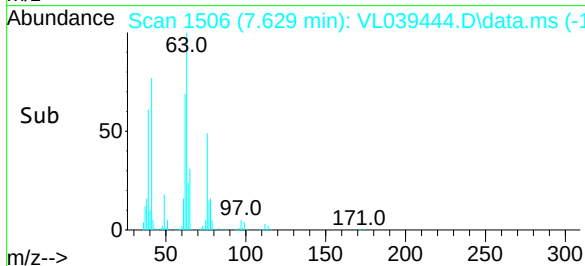
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



Tgt Ion: 63 Resp: 103946
Ion Ratio Lower Upper
63 100
41 77.5 59.6 89.4
62 68.6 51.4 77.0

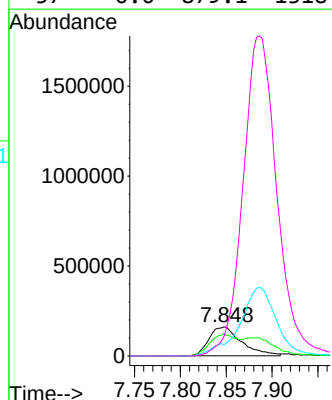
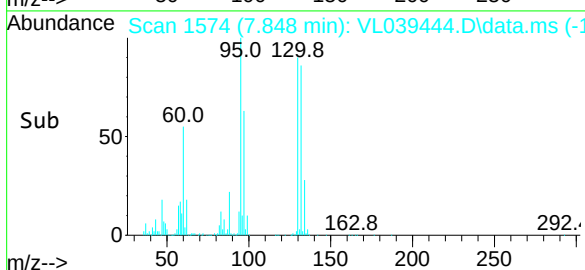
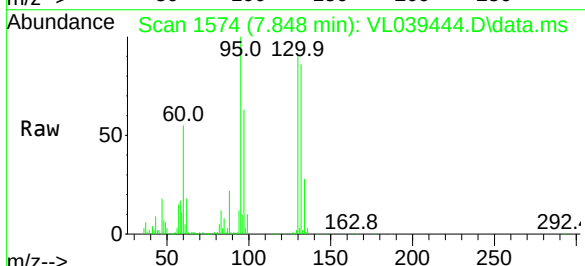
Manual Integrations
APPROVED

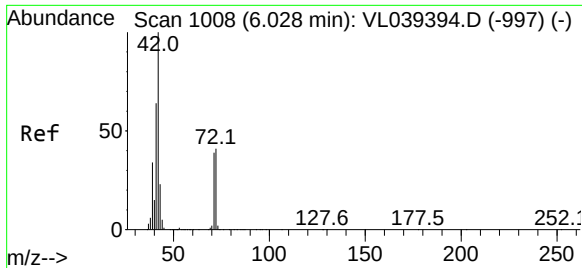
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#40
1,4-Dioxane
Concen: 8.870 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

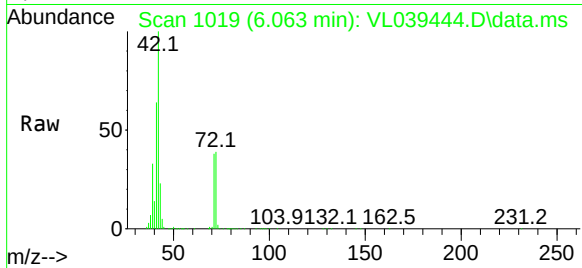
Tgt Ion: 88 Resp: 398082
Ion Ratio Lower Upper
88 100
58 65.3 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 9.443 ppbv
RT: 6.063 min Scan# 107294
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

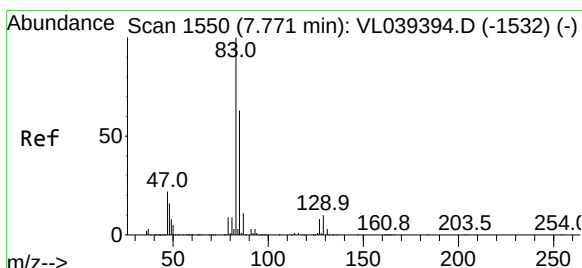
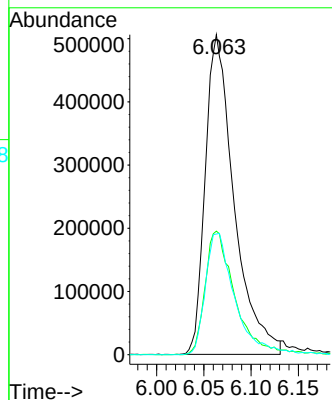
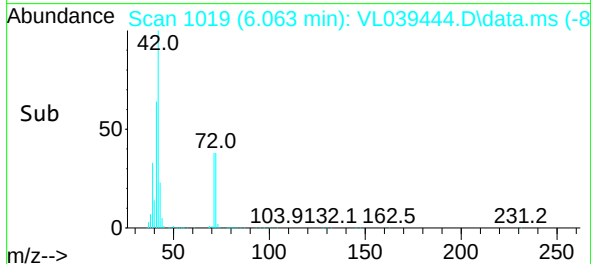
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



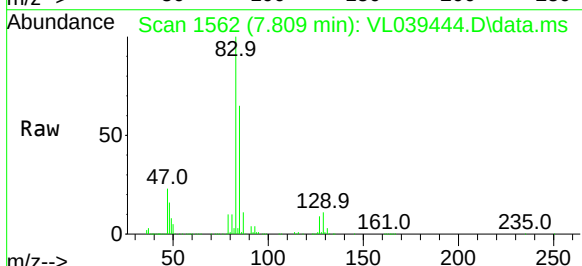
Tgt Ion: 42 Resp: 107294
Ion Ratio Lower Upper
42 100
72 40.7 31.8 47.8
71 39.4 31.8 47.8

Manual Integrations
APPROVED

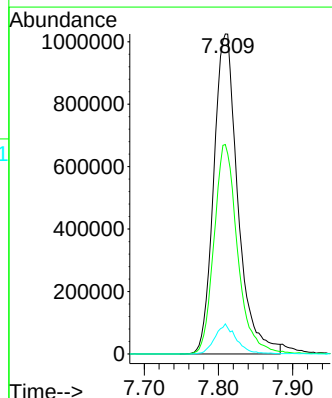
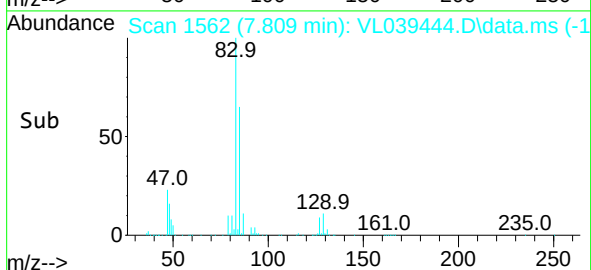
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

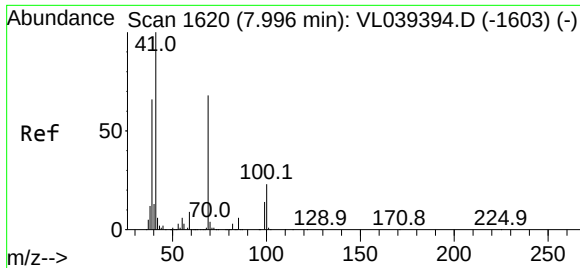


#42
Bromodichloromethane
Concen: 9.638 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



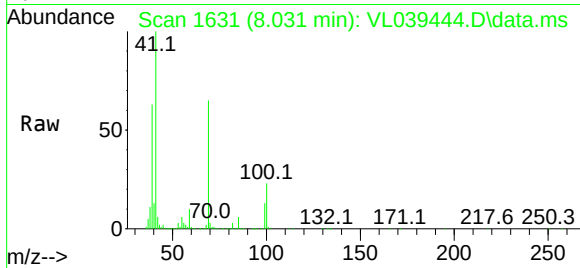
Tgt Ion: 83 Resp: 2312212
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1
127 9.4 6.6 9.8





#43
Methyl Methacrylate
Concen: 9.777 ppbv
RT: 8.031 min Scan# 11
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

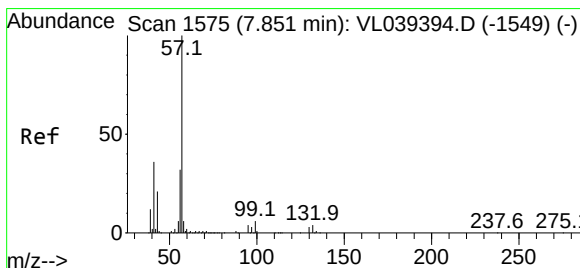
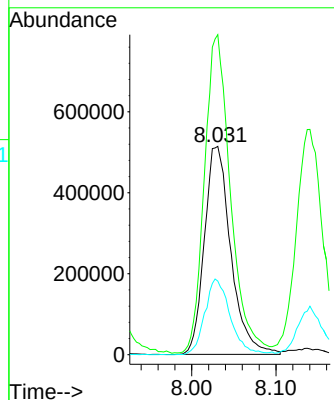
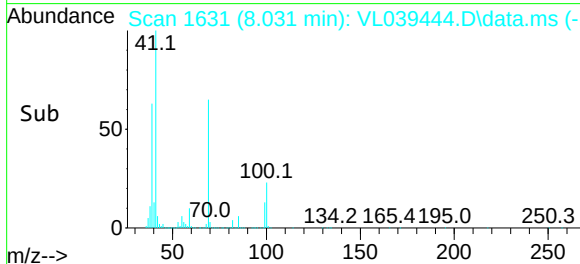
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



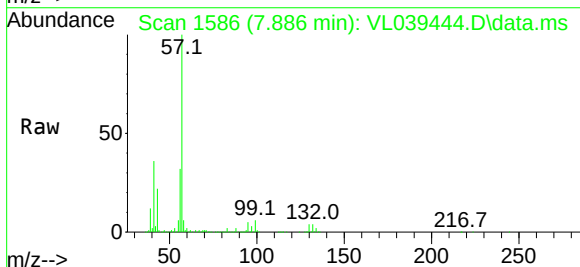
Tgt Ion: 69 Resp: 1120762
Ion Ratio Lower Upper
69 100
41 152.3 120.8 181.2
100 35.4 27.8 41.6

Manual Integrations
APPROVED

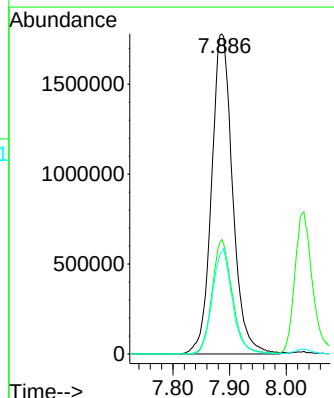
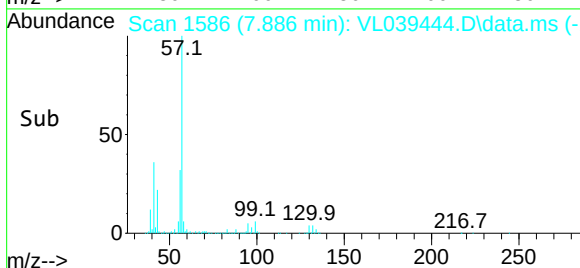
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

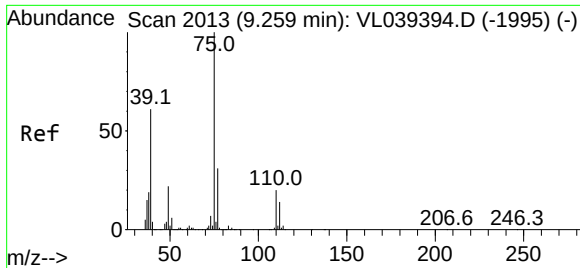


#44
2,2,4-Trimethylpentane
Concen: 8.992 ppbv
RT: 7.886 min Scan# 1586
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



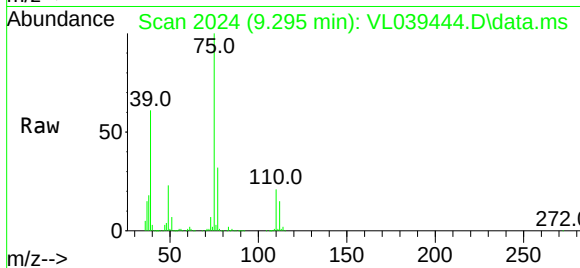
Tgt Ion: 57 Resp: 4593491
Ion Ratio Lower Upper
57 100
41 34.1 27.4 41.2
56 31.1 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 11.130 ppbv
RT: 9.295 min Scan# 2013
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

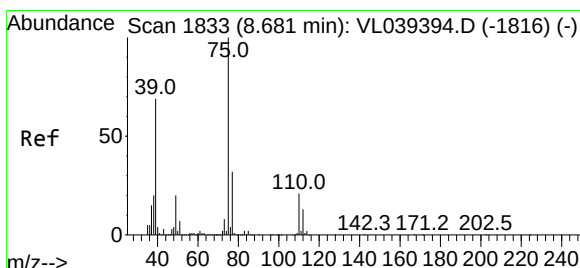
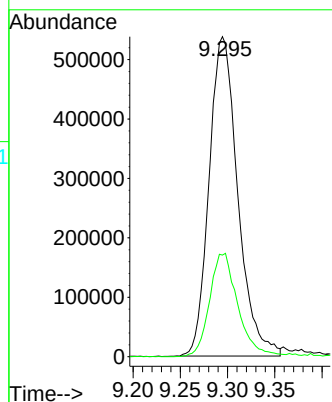
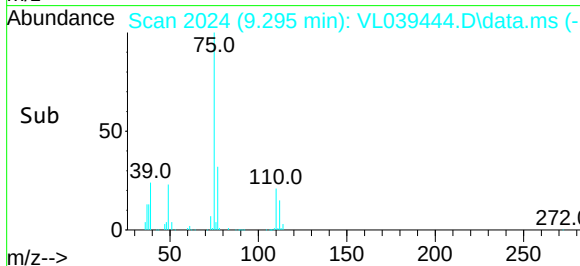
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



Tgt Ion: 75 Resp: 1135936
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8

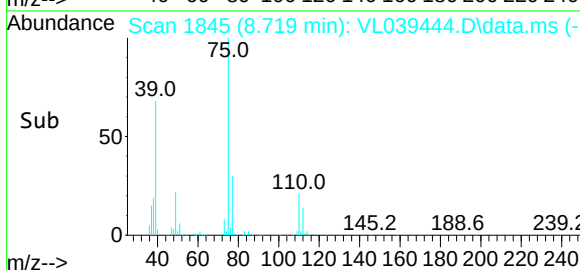
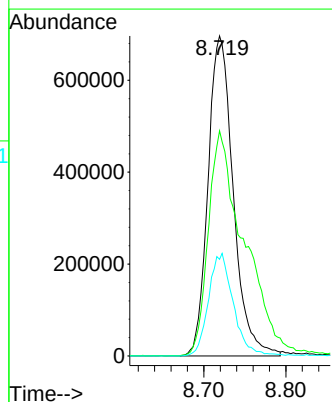
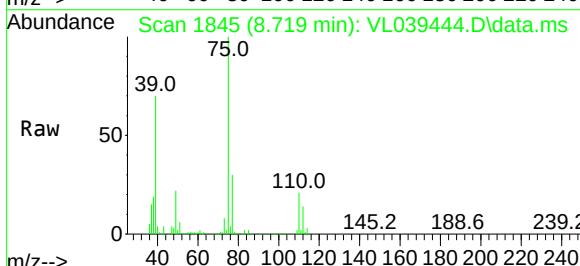
Manual Integrations
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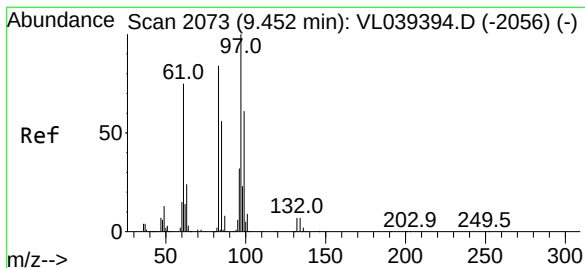
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#46
cis-1,3-Dichloropropene
Concen: 10.598 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Tgt Ion: 75 Resp: 1488771
Ion Ratio Lower Upper
75 100
39 70.3 55.0 82.4
77 30.2 25.7 38.5





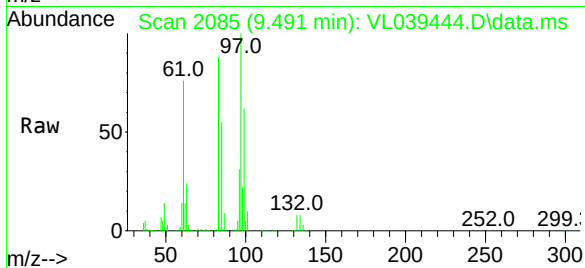
#47
1,1,2-Trichloroethane
Concen: 9.168 ppbv
RT: 9.491 min Scan# 2073
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01



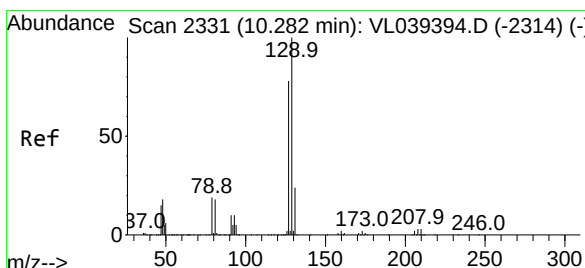
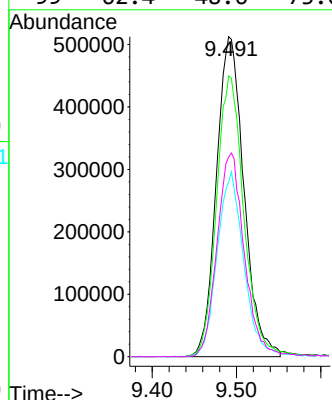
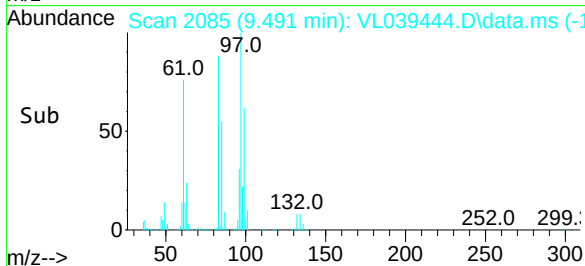
Tgt Ion: 97 Resp: 115847

Ion	Ratio	Lower	Upper
97	100		
83	87.7	67.4	101.0
85	54.6	45.1	67.7
99	62.4	48.6	73.0

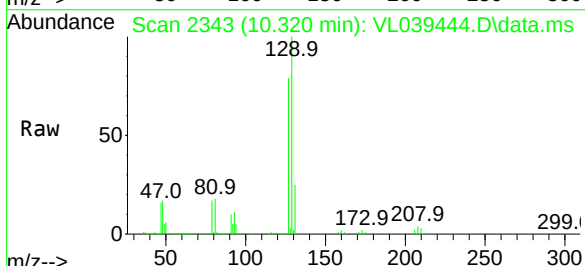
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

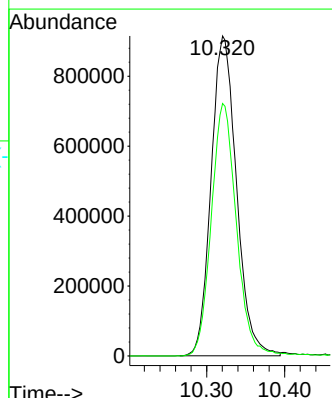
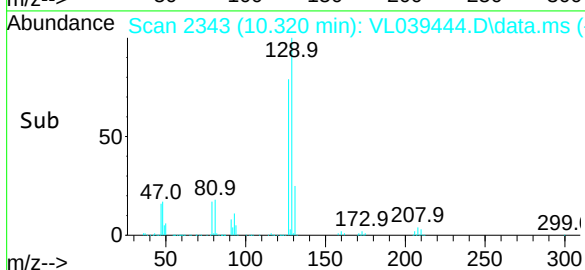


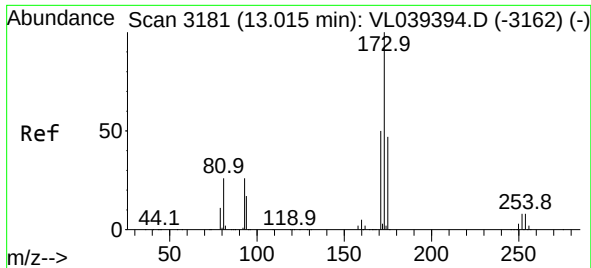
#48
Dibromochloromethane
Concen: 10.306 ppbv
RT: 10.320 min Scan# 2343
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



Tgt Ion:129 Resp: 2069884

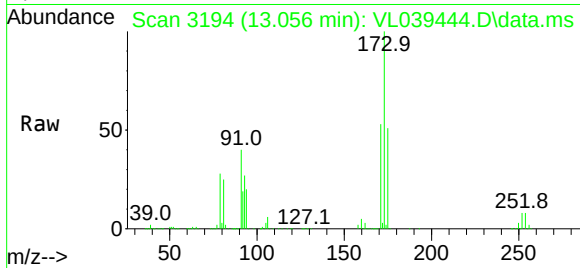
Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.3	117.9





#49
Bromoform
Concen: 10.780 ppbv
RT: 13.056 min Scan# 3181
Delta R.T. 0.042 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

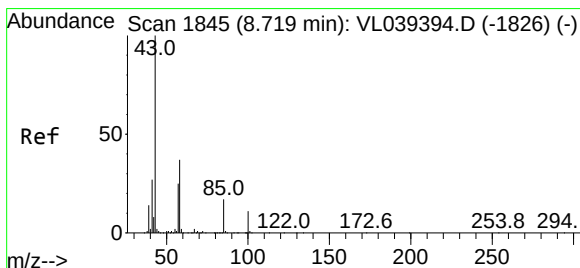
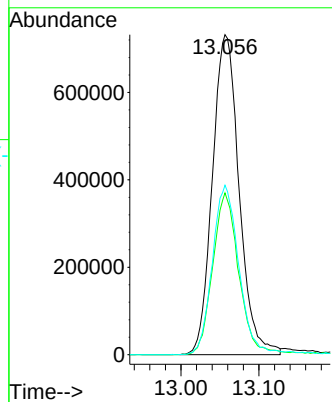
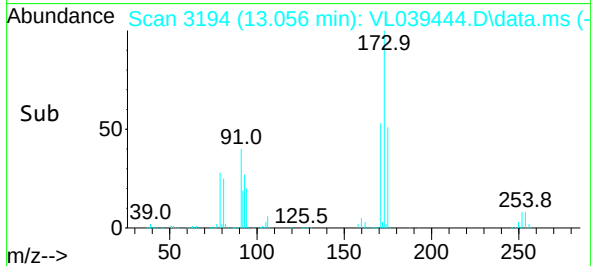
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



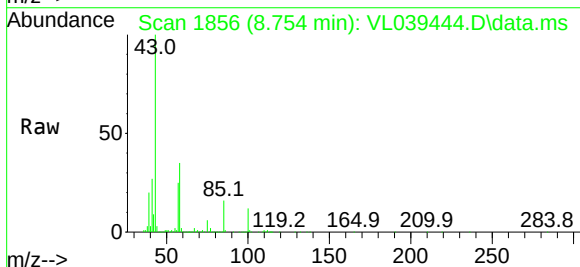
Tgt Ion:173 Resp: 174660
Ion Ratio Lower Upper
173 100
175 50.2 40.3 60.5
171 54.1 42.9 64.3

Manual Integrations
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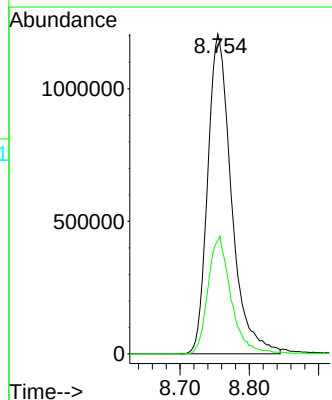
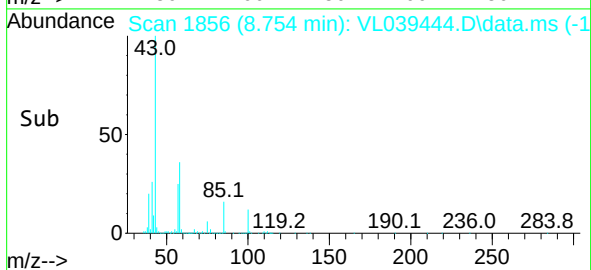
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

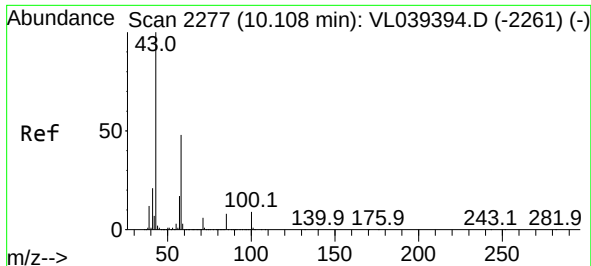


#50
4-Methyl-2-Pentanone
Concen: 9.654 ppbv
RT: 8.754 min Scan# 1856
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



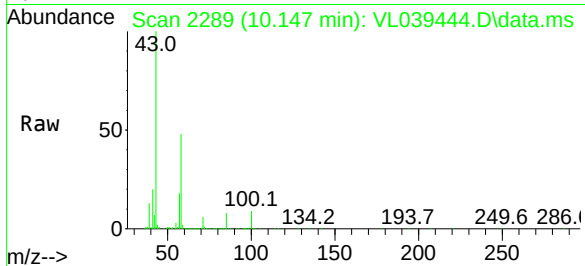
Tgt Ion: 43 Resp: 2862190
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2





#51
2-Hexanone
Concen: 9.961 ppbv
RT: 10.147 min Scan# 21
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

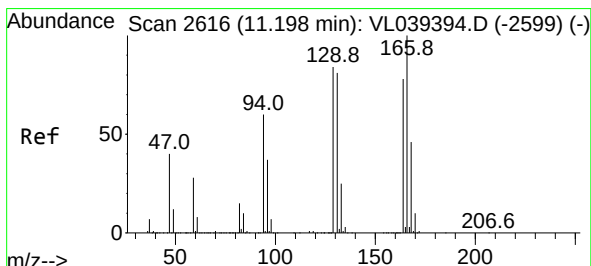
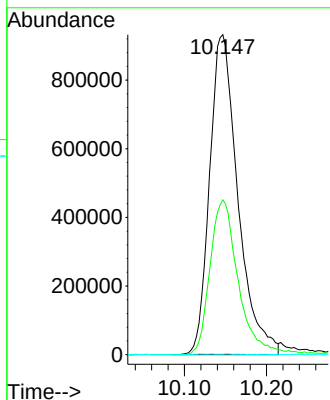
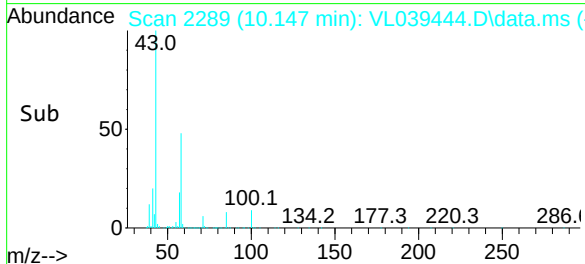
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



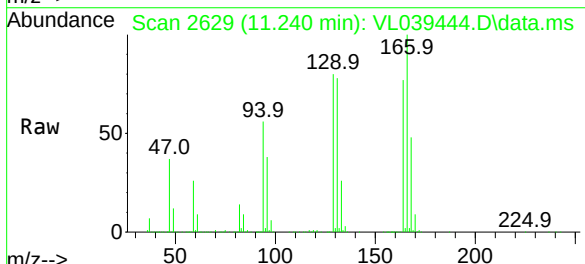
Tgt Ion: 43 Resp: 223371
Ion Ratio Lower Upper
43 100
58 49.3 38.4 57.6
98 0.2 0.3 0.5

Manual Integrations
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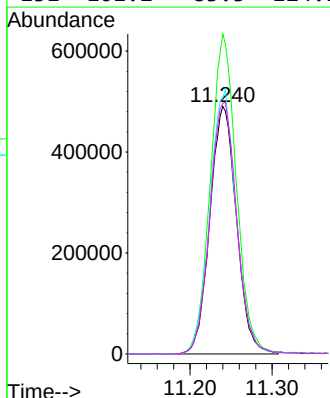
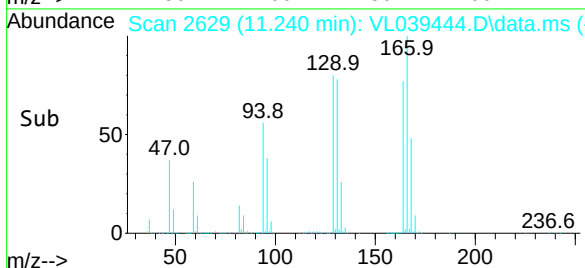
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

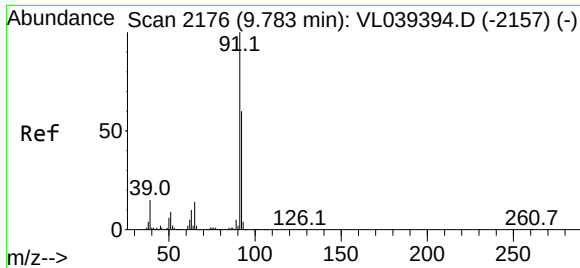


#52
Tetrachloroethene
Concen: 9.065 ppbv
RT: 11.240 min Scan# 2629
Delta R.T. 0.042 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



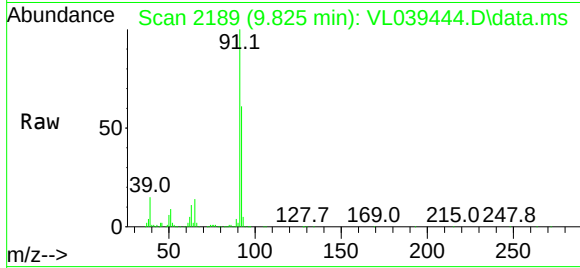
Tgt Ion:164 Resp: 1100130
Ion Ratio Lower Upper
164 100
166 129.2 102.2 153.2
129 103.6 85.8 128.8
131 101.2 83.3 124.9





#53
Toluene
Concen: 9.602 ppbv
RT: 9.825 min Scan# 2176
Delta R.T. 0.042 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

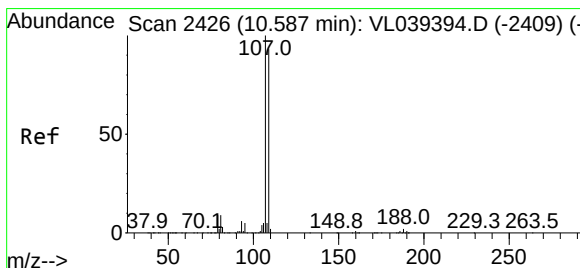
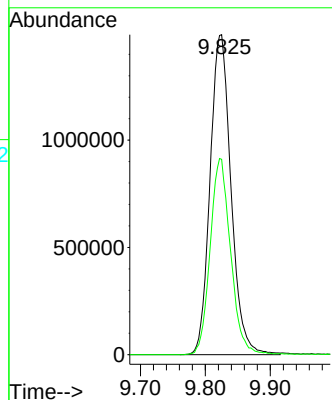
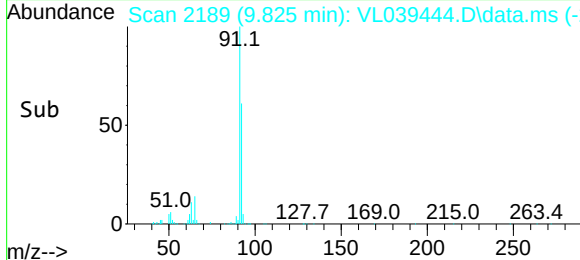
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



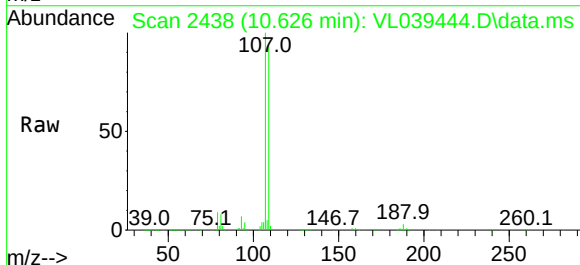
Tgt Ion: 91 Resp: 333903
Ion Ratio Lower Upper
91 100
92 60.0 48.2 72.2

Manual Integrations
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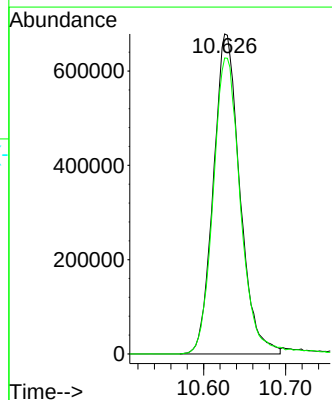
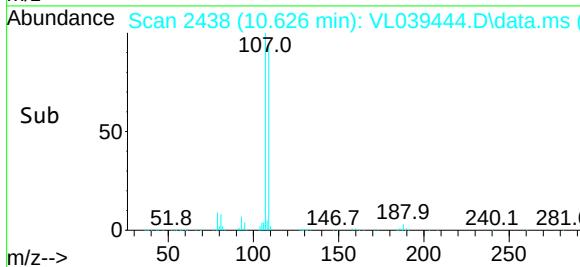
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

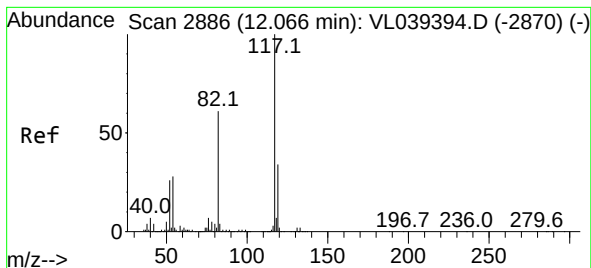


#54
1,2-Dibromoethane
Concen: 9.676 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



Tgt Ion:107 Resp: 1521454
Ion Ratio Lower Upper
107 100
109 92.5 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.102 min Scan# 2886

Delta R.T. 0.035 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01

Tgt Ion:117 Resp: 392699

Ion Ratio Lower Upper

117 100

82 60.4 50.8 76.2

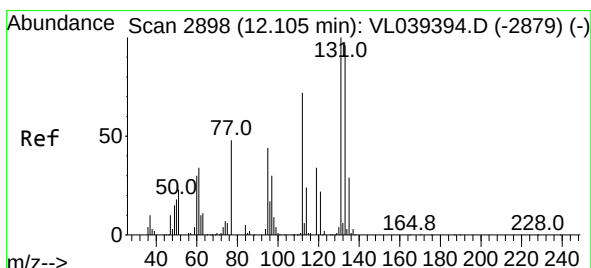
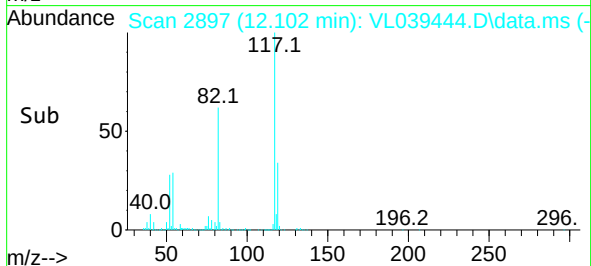
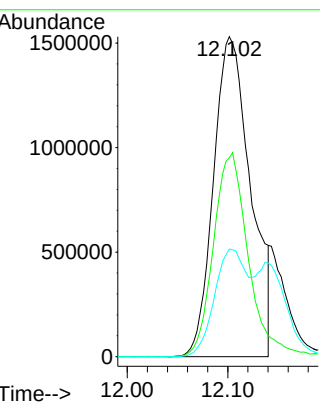
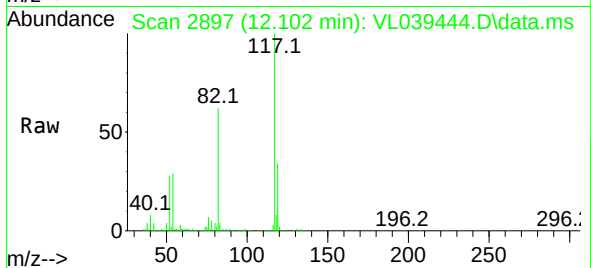
119 30.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 8.690 ppbv

RT: 12.143 min Scan# 2910

Delta R.T. 0.039 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

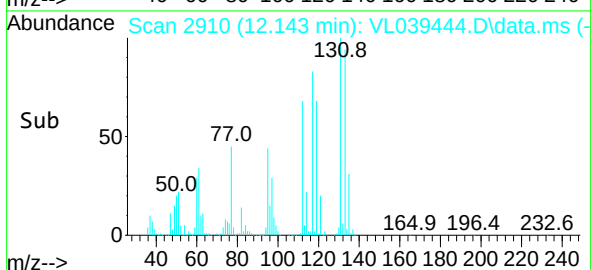
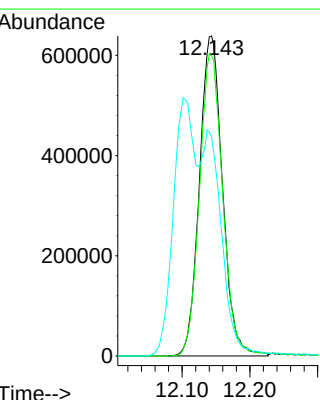
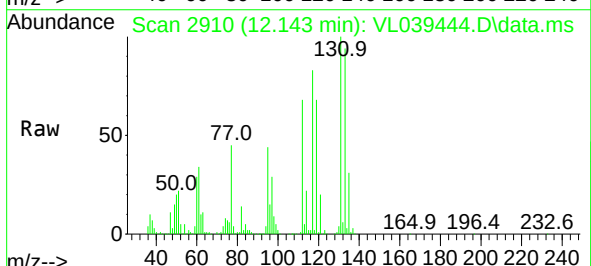
Tgt Ion:131 Resp: 1507615

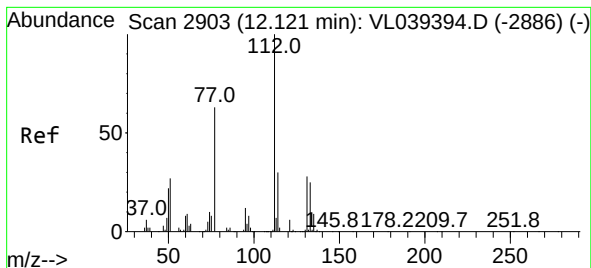
Ion Ratio Lower Upper

131 100

133 95.9 76.8 115.2

119 142.1 46.2 69.4#





#57

Chlorobenzene

Concen: 8.314 ppbv

RT: 12.166 min Scan# 2903

Delta R.T. 0.045 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01

Tgt Ion:112 Resp: 253135

Ion Ratio Lower Upper

112 100

77 64.6 51.0 76.4

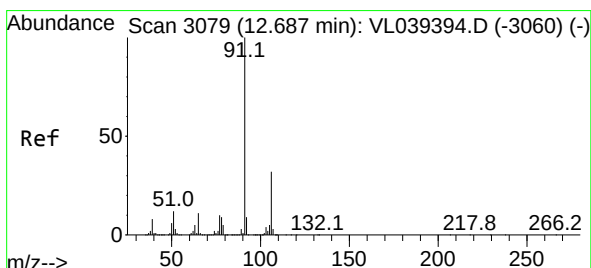
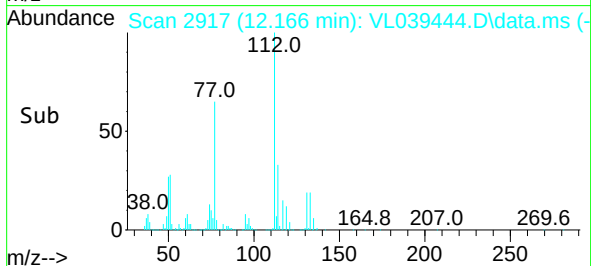
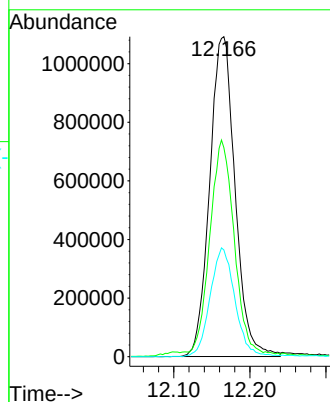
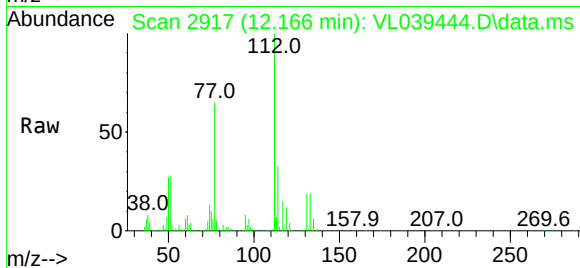
114 33.3 27.5 33.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

Ethyl Benzene

Concen: 8.747 ppbv

RT: 12.729 min Scan# 3092

Delta R.T. 0.042 min

Lab File: VL039444.D

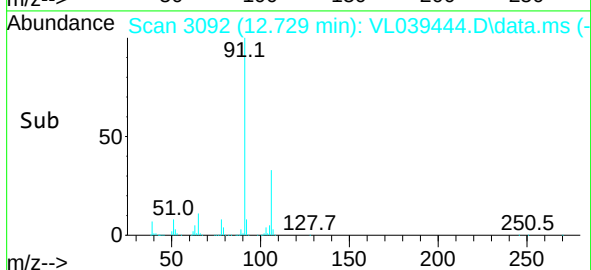
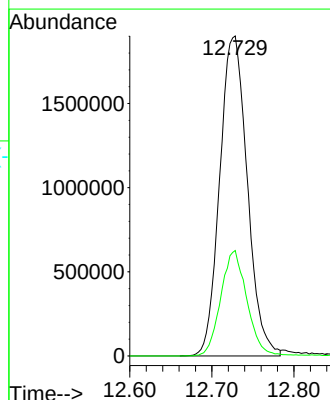
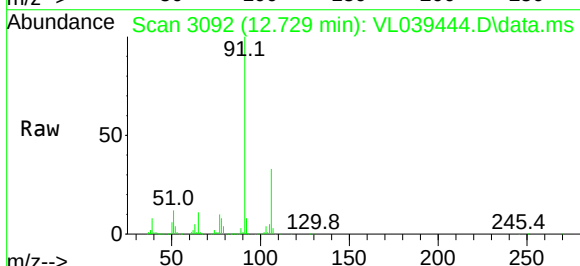
Acq: 12 Jul 2022 11:46

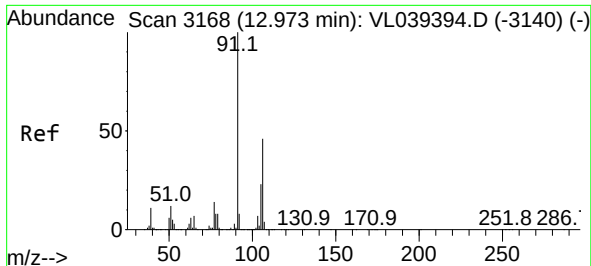
Tgt Ion: 91 Resp: 4435611

Ion Ratio Lower Upper

91 100

106 33.0 25.4 38.0





#59

m/p-Xylene

Concen: 17.051 ppbv m

RT: 13.008 min Scan# 3168

Delta R.T. 0.035 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01

Tgt Ion: 91 Resp: 762256

Ion Ratio Lower Upper

91 100

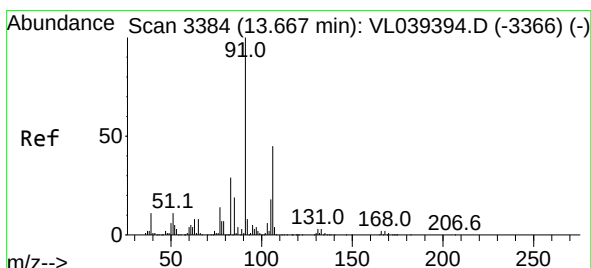
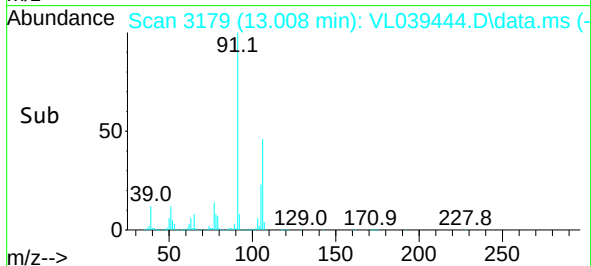
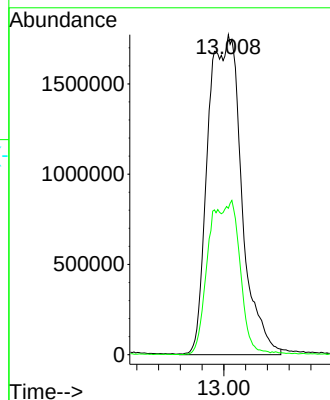
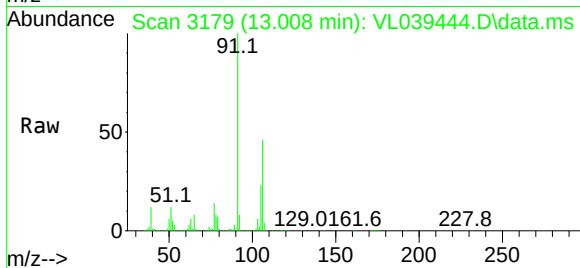
106 45.0 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#60

o-Xylene

Concen: 8.501 ppbv

RT: 13.706 min Scan# 3396

Delta R.T. 0.039 min

Lab File: VL039444.D

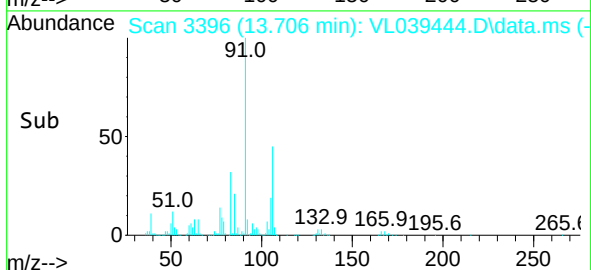
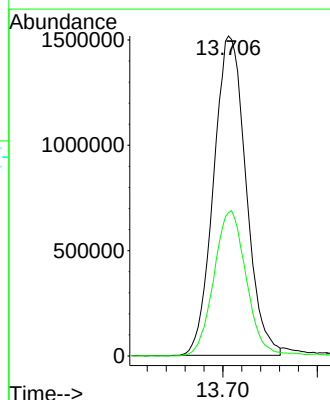
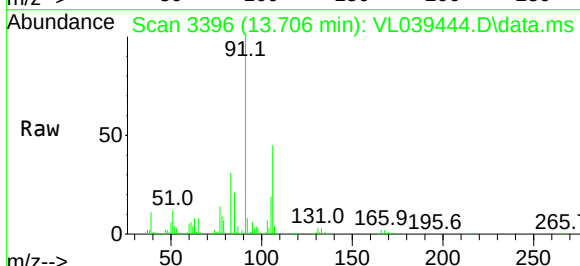
Acq: 12 Jul 2022 11:46

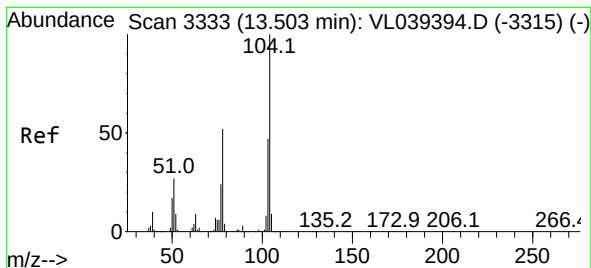
Tgt Ion: 91 Resp: 3598750

Ion Ratio Lower Upper

91 100

106 46.5 22.4 67.3





#61

Styrene

Concen: 9.647 ppbv

RT: 13.542 min Scan# 31

Delta R.T. 0.039 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01

Tgt Ion:104 Resp: 2212170

Ion Ratio Lower Upper

104 100

78 50.9 41.2 61.8

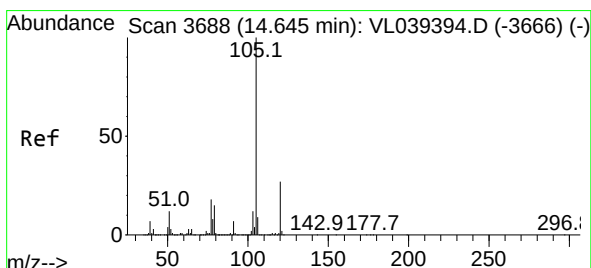
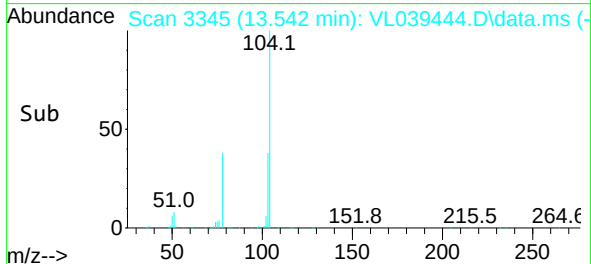
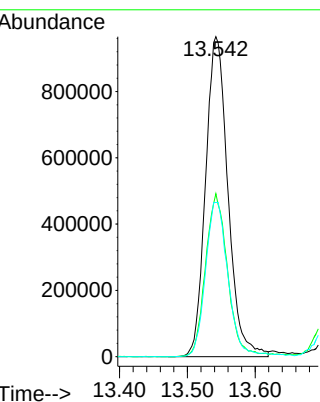
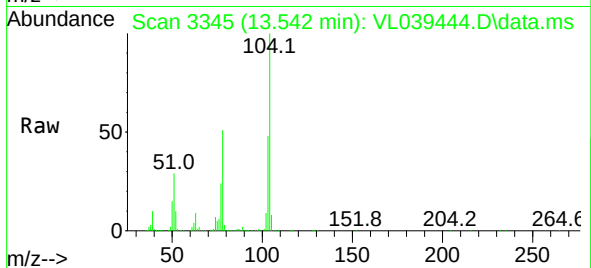
103 49.3 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#62

Isopropylbenzene

Concen: 8.444 ppbv

RT: 14.680 min Scan# 3699

Delta R.T. 0.035 min

Lab File: VL039444.D

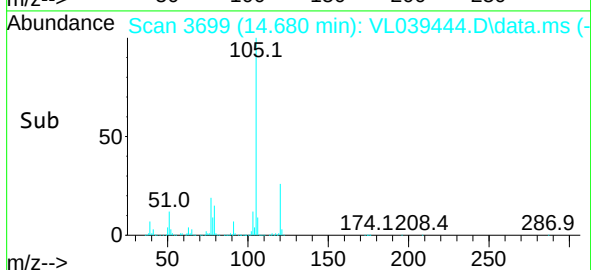
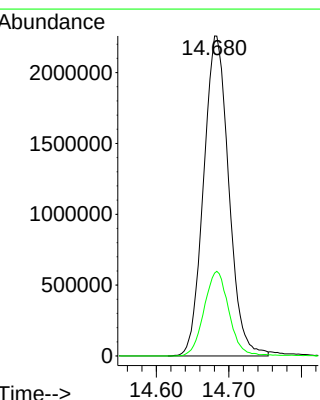
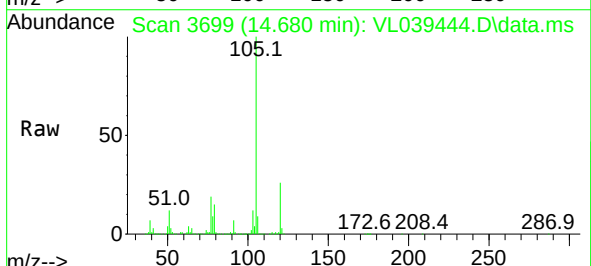
Acq: 12 Jul 2022 11:46

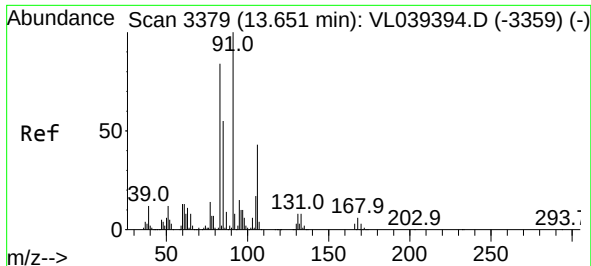
Tgt Ion:105 Resp: 5443601

Ion Ratio Lower Upper

105 100

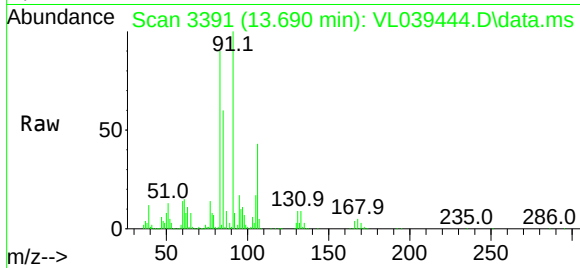
120 26.3 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 7.886 ppbv
RT: 13.690 min Scan# 31
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

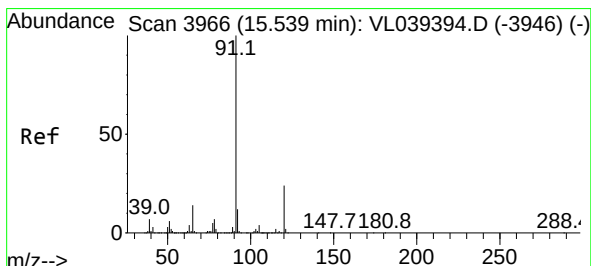
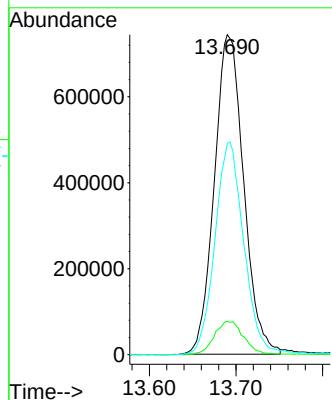
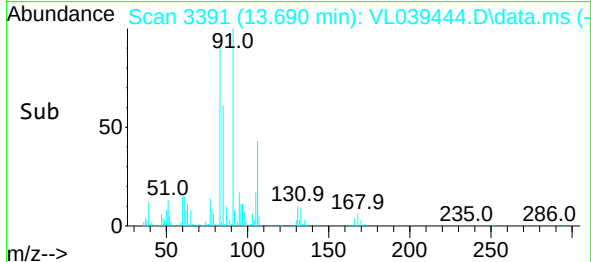
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



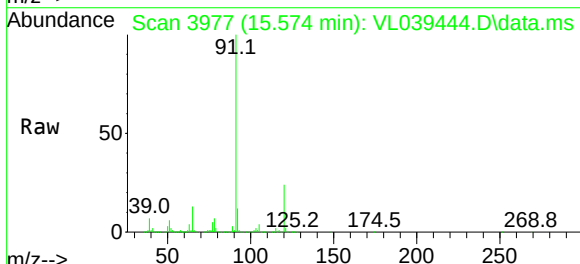
Tgt Ion: 83 Resp: 1749792
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 66.4 33.1 99.5

Manual Integrations
APPROVED

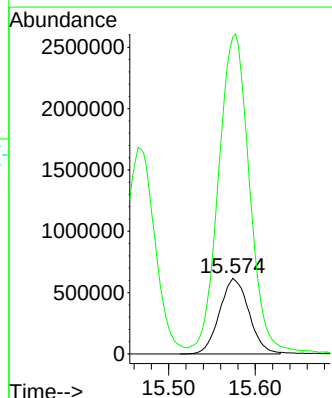
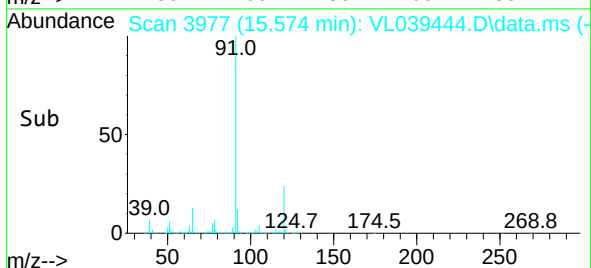
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

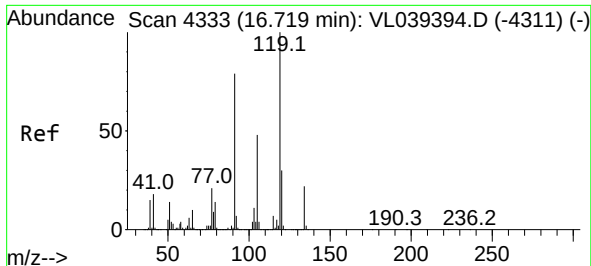


#64
n-propylbenzene
Concen: 8.857 ppbv
RT: 15.574 min Scan# 3977
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



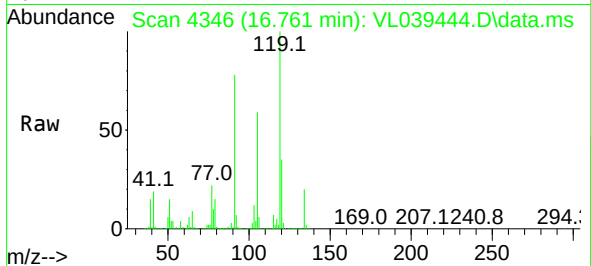
Tgt Ion:120 Resp: 1447215
Ion Ratio Lower Upper
120 100
91 452.5 367.2 550.8





#65
tert-Butylbenzene
Concen: 8.385 ppbv
RT: 16.761 min Scan# 41
Delta R.T. 0.042 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

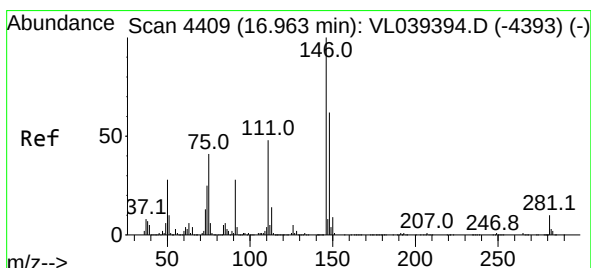
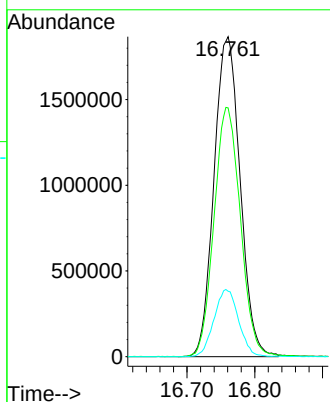
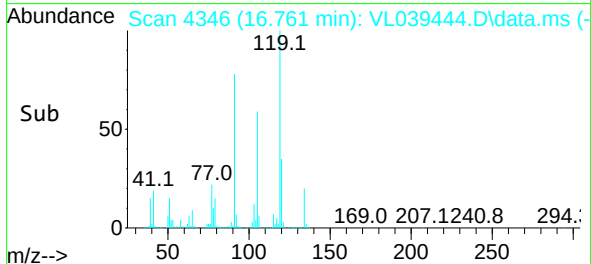
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



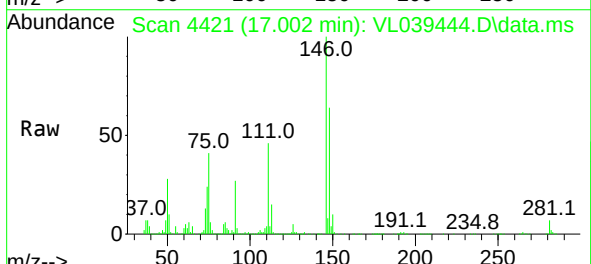
Tgt Ion: 119 Resp: 4995120
Ion Ratio Lower Upper
119 100
91 78.7 63.4 95.2
134 19.9 15.9 23.9

Manual Integrations
APPROVED

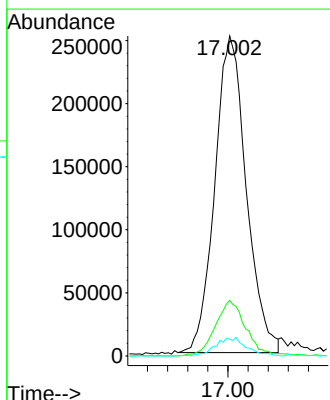
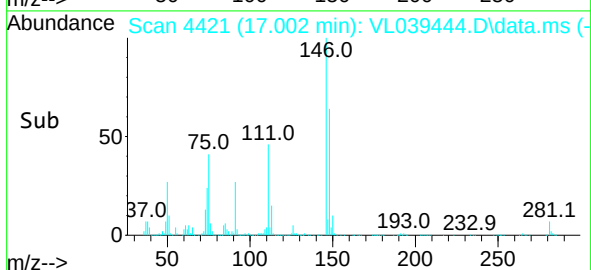
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

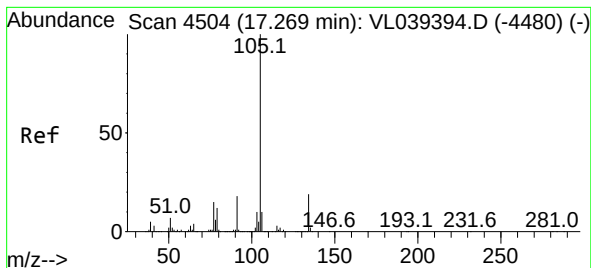


#66
Benzyl Chloride
Concen: 9.651 ppbv
RT: 17.002 min Scan# 4421
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



Tgt Ion: 91 Resp: 546342
Ion Ratio Lower Upper
91 100
126 17.3 13.1 19.7
128 5.9 4.4 6.6





#67

sec-Butylbenzene

Concen: 8.476 ppbv

RT: 17.310 min Scan# 41

Delta R.T. 0.042 min

Lab File: VL039444.D

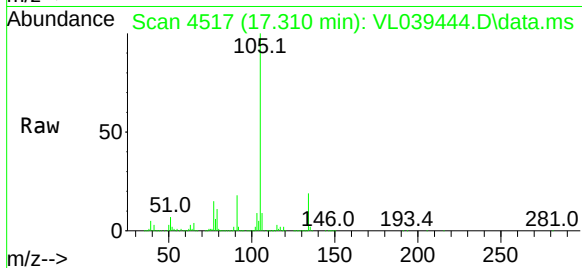
Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01



Tgt Ion:105 Resp: 680090

Ion Ratio Lower Upper

105 100

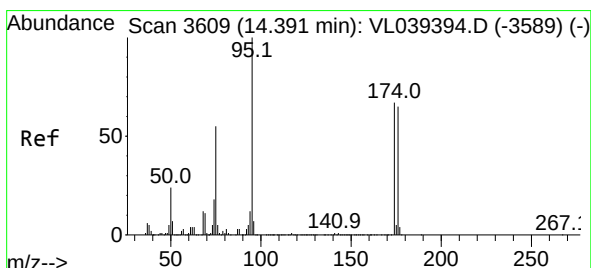
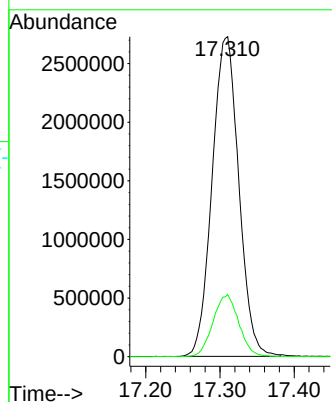
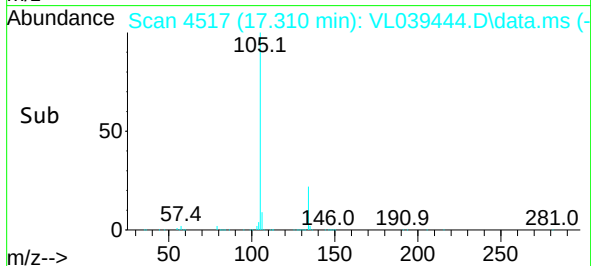
134 18.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.019 ppbv

RT: 14.433 min Scan# 3622

Delta R.T. 0.042 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

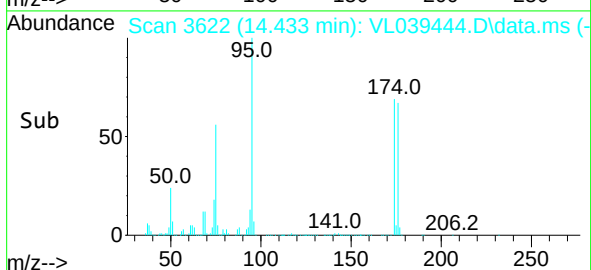
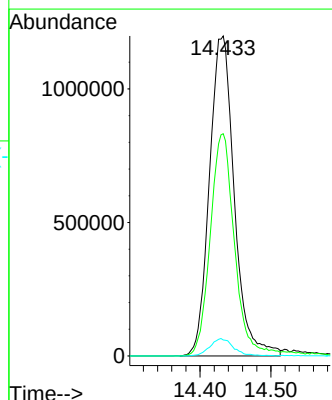
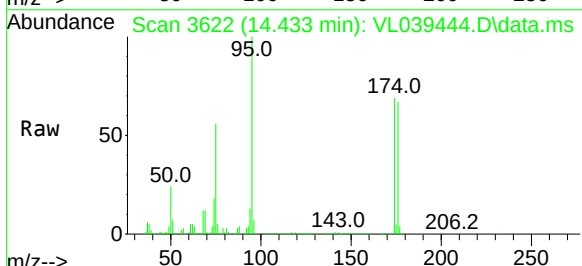
Tgt Ion: 95 Resp: 2918857

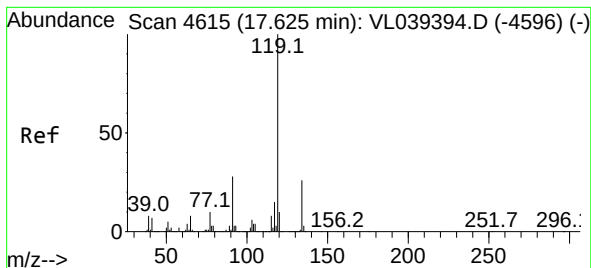
Ion Ratio Lower Upper

95 100

174 69.5 55.9 83.9

175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 8.659 ppbv

RT: 17.664 min Scan# 406

Delta R.T. 0.039 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01

Tgt Ion:119 Resp: 589539

Ion Ratio Lower Upper

119 100

134 25.5 20.3 30.5

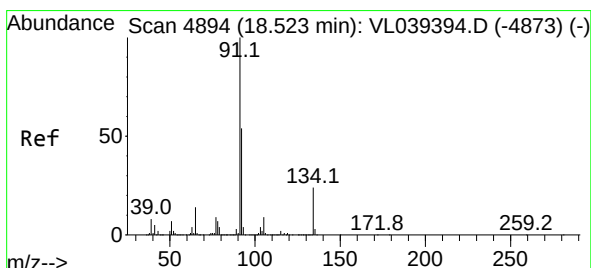
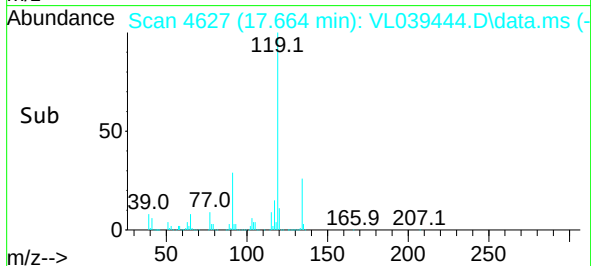
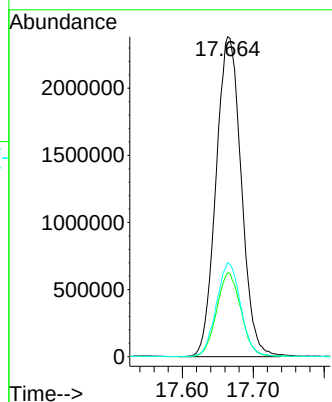
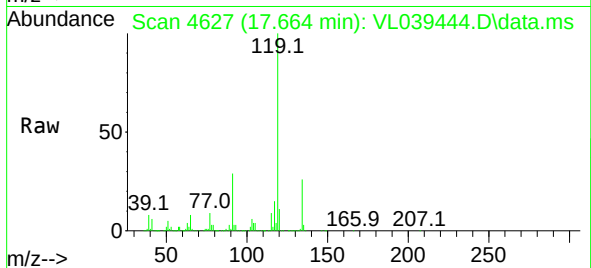
91 28.3 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#70

n-Butylbenzene

Concen: 8.655 ppbv

RT: 18.561 min Scan# 4906

Delta R.T. 0.039 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

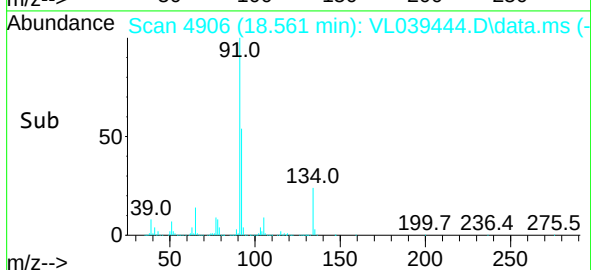
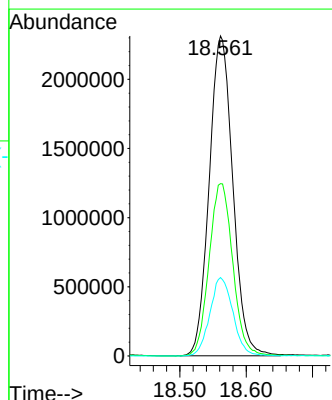
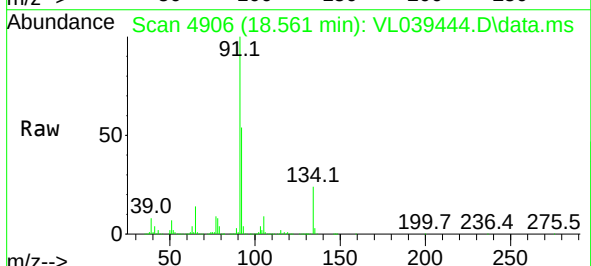
Tgt Ion: 91 Resp: 5718801

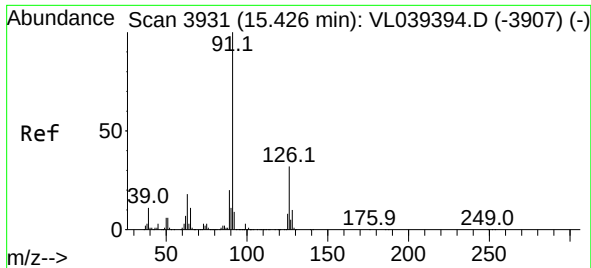
Ion Ratio Lower Upper

91 100

92 54.1 43.4 65.2

134 24.0 18.9 28.3





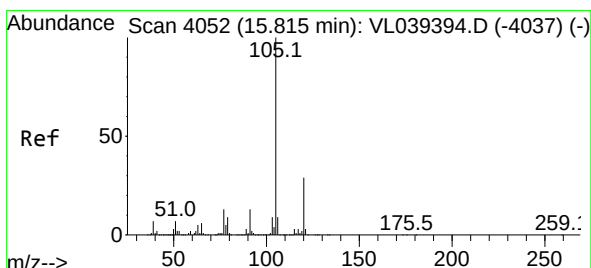
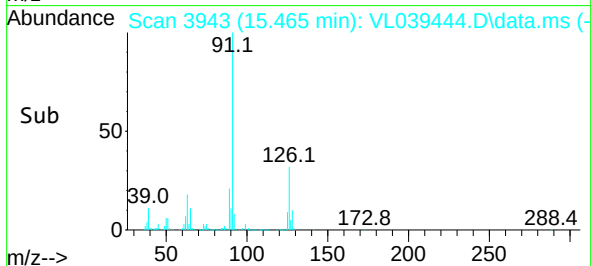
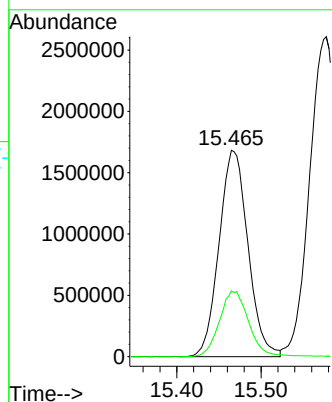
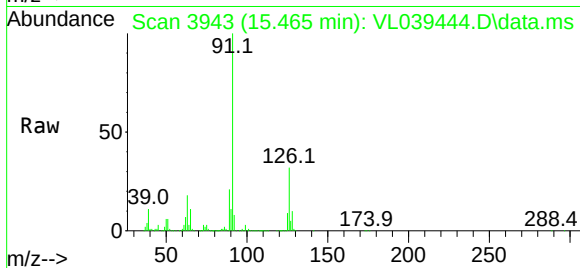
#71
2-Chlorotoluene
Concen: 8.676 ppbv
RT: 15.465 min Scan# 3943
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01

Tgt Ion: 91 Resp: 4002762
Ion Ratio Lower Upper
91 100
126 32.6 13.0 51.8

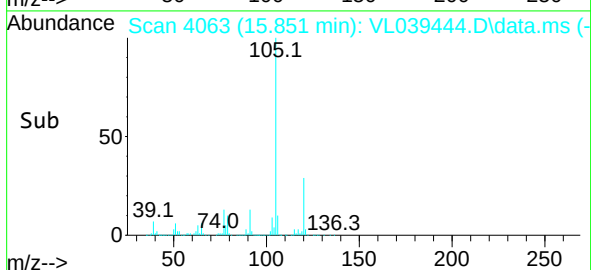
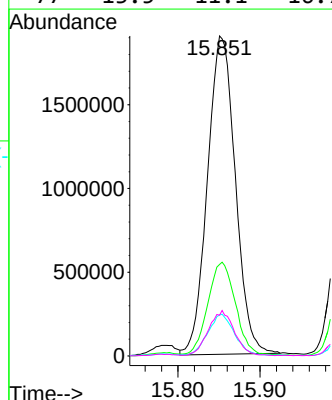
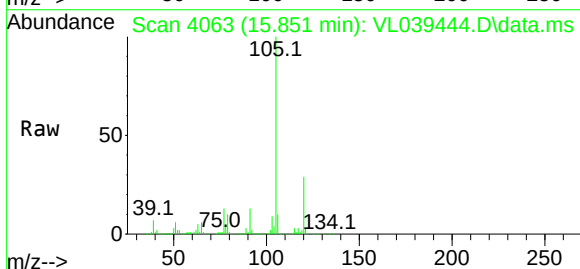
Manual Integrations
APPROVED

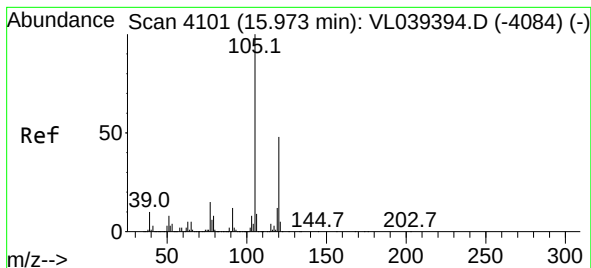
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#72
4-Ethyltoluene
Concen: 9.031 ppbv
RT: 15.851 min Scan# 4063
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

Tgt Ion:105 Resp: 4494812
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 12.6 10.2 15.4
77 13.5 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 8.835 ppbv

RT: 16.008 min Scan# 41

Delta R.T. 0.035 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01

Tgt Ion:105 Resp: 403870

Ion Ratio Lower Upper

105 100

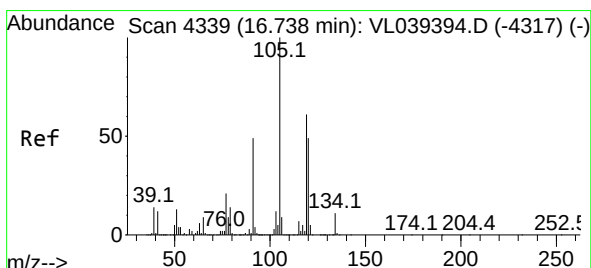
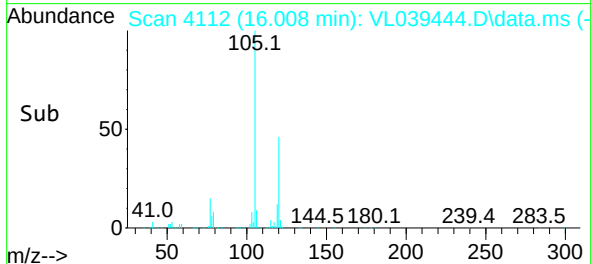
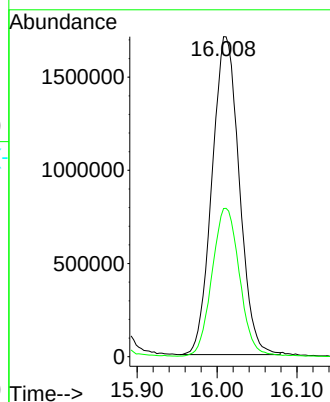
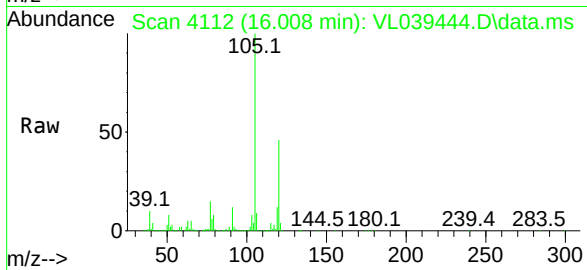
120 46.4 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.605 ppbv

RT: 16.777 min Scan# 4351

Delta R.T. 0.039 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

Tgt Ion:105 Resp: 4351480

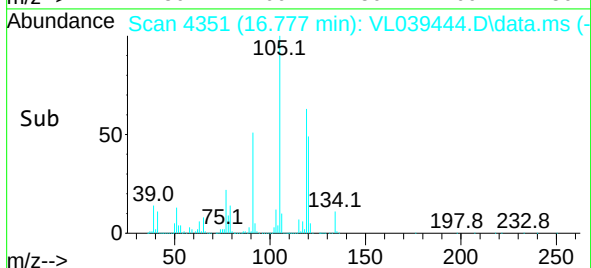
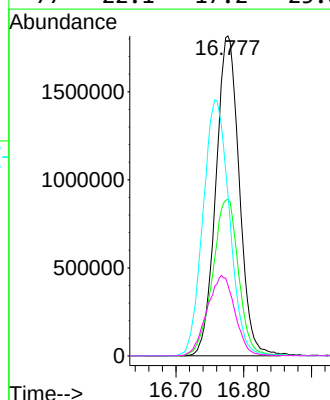
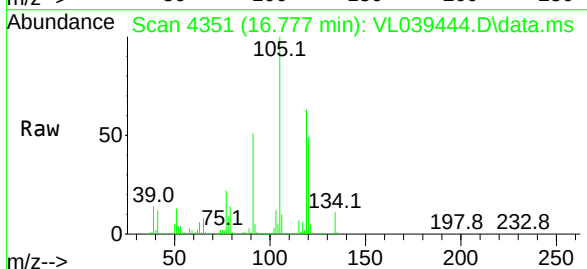
Ion Ratio Lower Upper

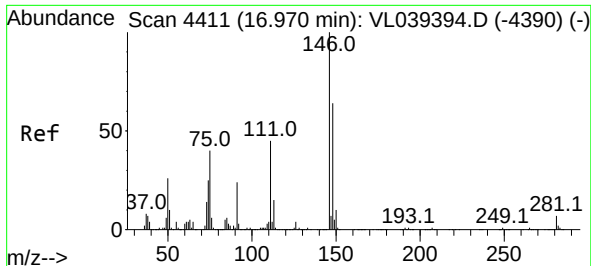
105 100

120 48.9 39.5 59.3

91 50.5 39.2 58.8

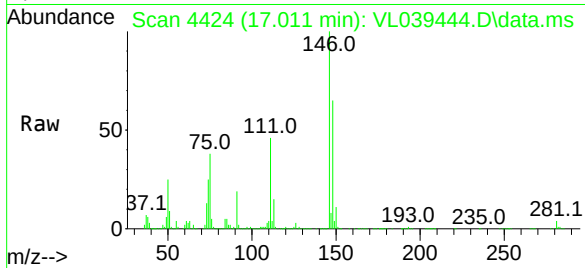
77 22.1 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 8.653 ppbv
RT: 17.011 min Scan# 4411
Delta R.T. 0.042 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

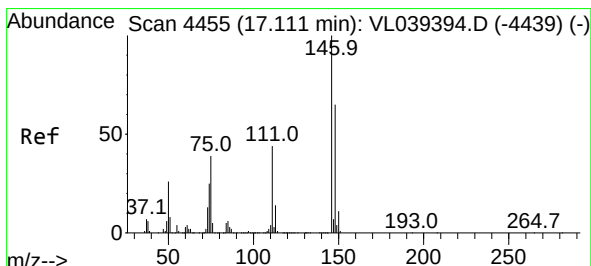
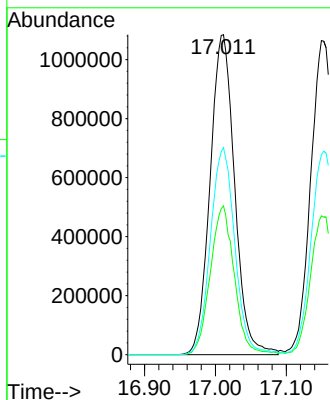
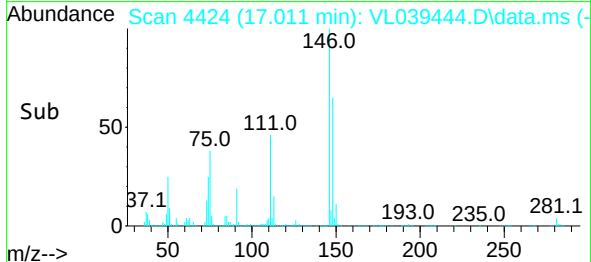
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



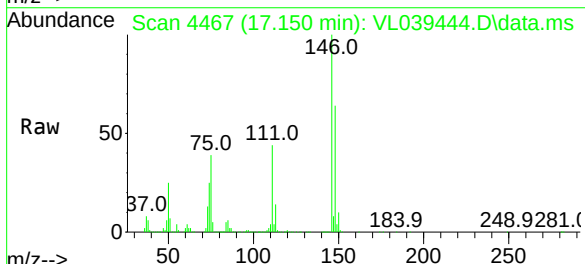
Tgt Ion:146 Resp: 261026
Ion Ratio Lower Upper
146 100
111 45.6 22.9 68.7
148 64.4 32.1 96.5

Manual Integrations
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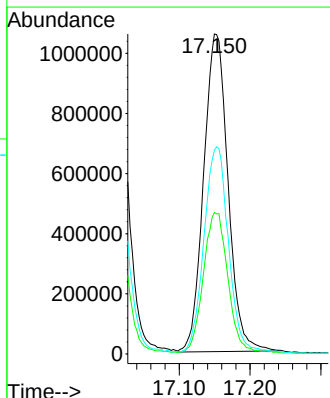
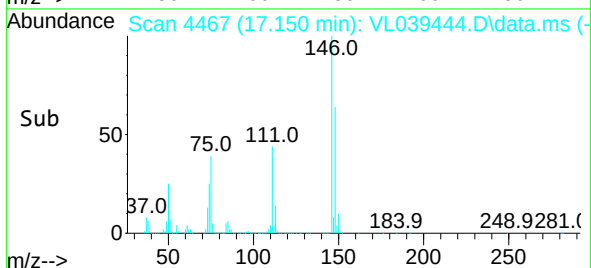
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

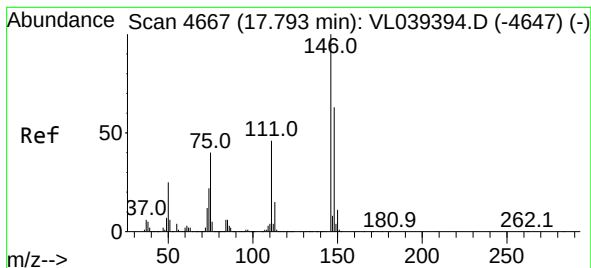


#76
1,4-Dichlorobenzene
Concen: 8.454 ppbv
RT: 17.150 min Scan# 4467
Delta R.T. 0.039 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46



Tgt Ion:146 Resp: 2527512
Ion Ratio Lower Upper
146 100
111 46.2 22.9 68.8
148 66.7 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 8.425 ppbv

RT: 17.828 min Scan# 407

Delta R.T. 0.035 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABS01

Tgt Ion:146 Resp: 251893

Ion Ratio Lower Upper

146 100

111 47.3 23.8 71.5

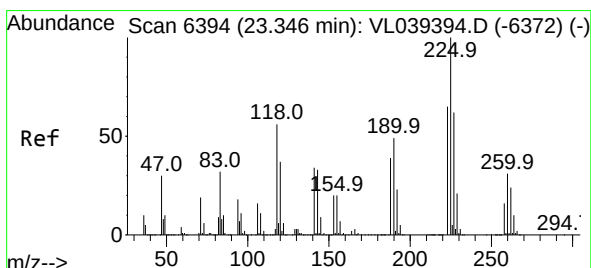
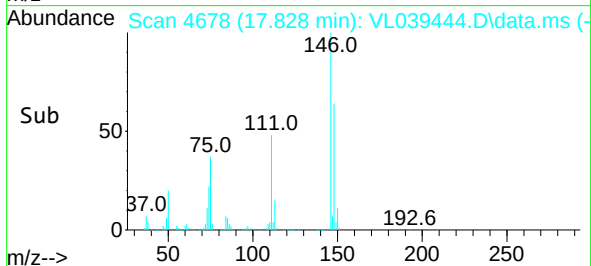
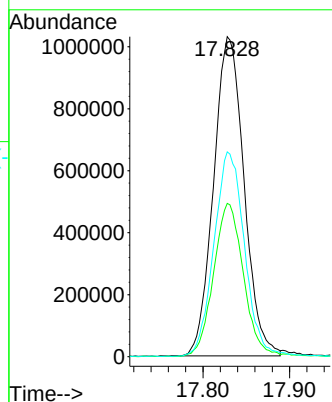
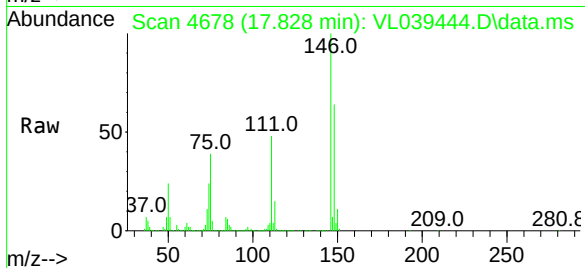
148 64.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.377 ppbv

RT: 23.387 min Scan# 6407

Delta R.T. 0.042 min

Lab File: VL039444.D

Acq: 12 Jul 2022 11:46

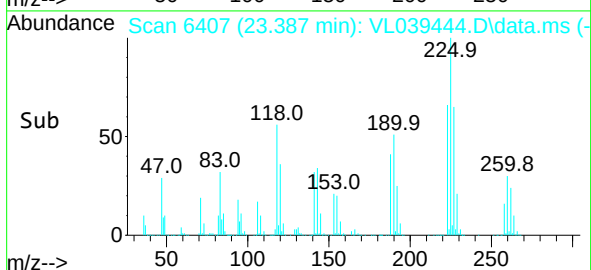
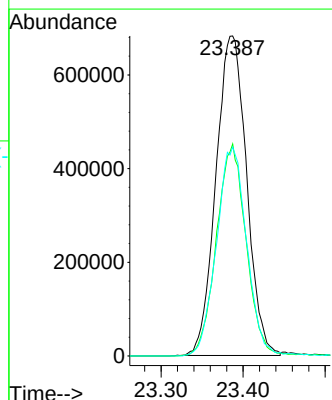
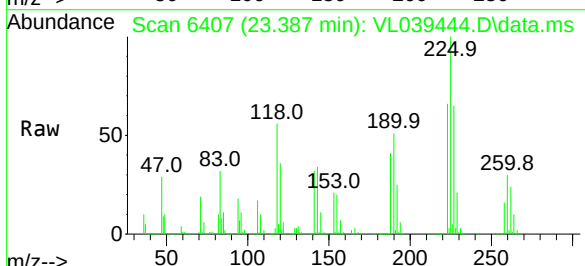
Tgt Ion:225 Resp: 1773873

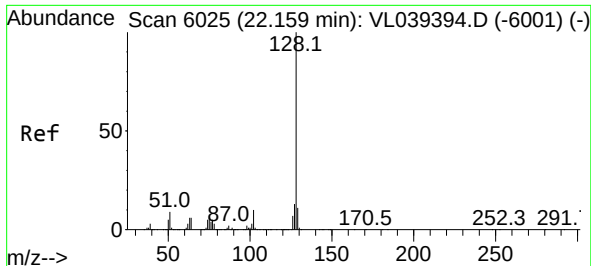
Ion Ratio Lower Upper

225 100

223 64.6 51.8 77.6

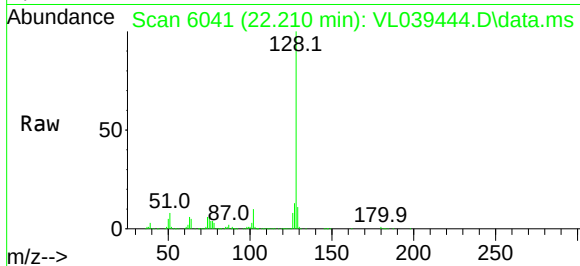
227 64.9 51.4 77.2





#79
Naphthalene
Concen: 10.024 ppbv
RT: 22.210 min Scan# 6025
Delta R.T. 0.051 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

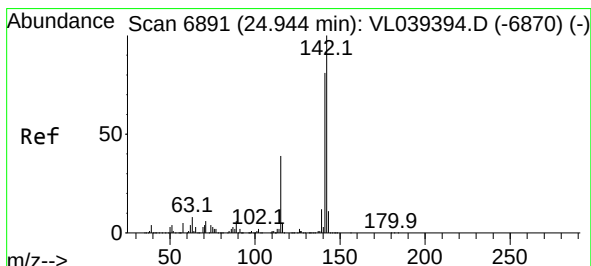
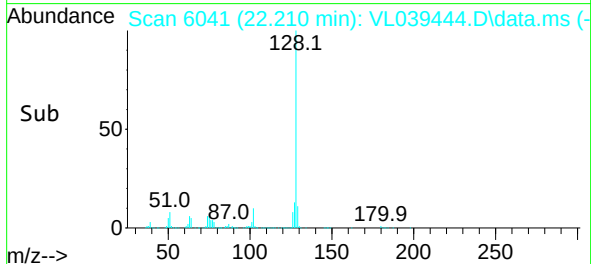
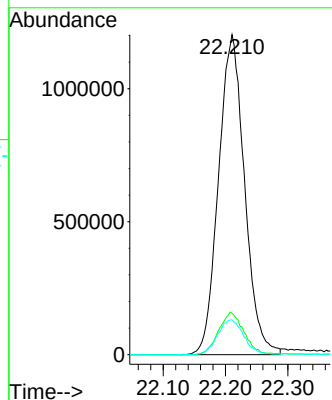
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABS01



Tgt Ion:128 Resp: 3488534
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.8 13.2

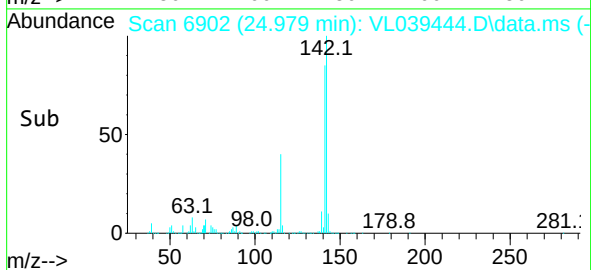
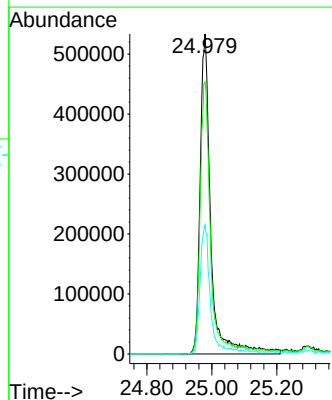
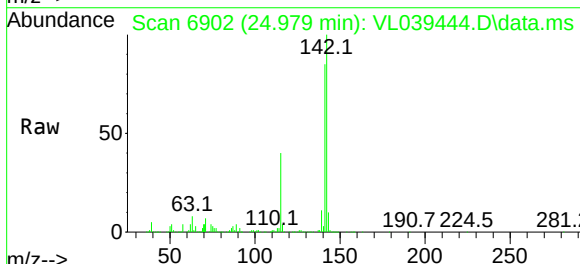
Manual Integrations
APPROVED

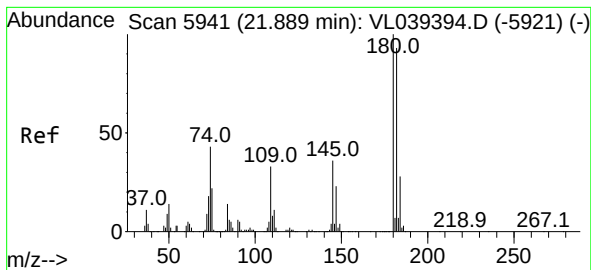
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
Naphthalene,2-methyl-
Concen: 10.239 ppbv
RT: 24.979 min Scan# 6902
Delta R.T. 0.035 min
Lab File: VL039444.D
Acq: 12 Jul 2022 11:46

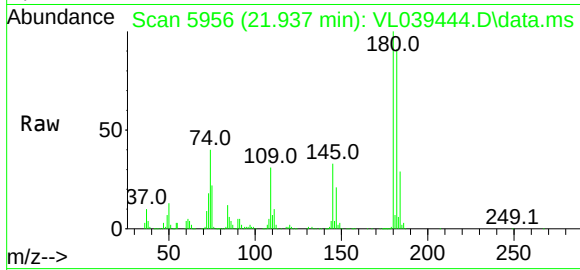
Tgt Ion:142 Resp: 1212707
Ion Ratio Lower Upper
142 100
141 82.0 68.9 103.3
115 39.1 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 8.831 ppbv
 RT: 21.937 min Scan# 5956
 Delta R.T. 0.048 min
 Lab File: VL039444.D
 Acq: 12 Jul 2022 11:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABS01



Tgt Ion:180 Resp: 200175
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.1 115.7
 184 30.5 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

