

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039547.D
 Acq On : 17 Aug 2022 13:56
 Operator : SY/AP
 Sample : VL0817ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS01

Quant Time: Aug 18 05:37:13 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/18/2022
 Supervised By : Mahesh Dadoda 08/19/2022

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

Internal Standards						
1) Bromochloromethane	5.204	49	1041522	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2787808	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2658622m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.776	95	2087678	10.431	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	1269531	9.069	ppbv	98
3) Chlorodifluoromethane	2.835	51	34834	0.279	ppbv #	59
4) Chloromethane	2.832	50	691070	9.259	ppbv	97
5) Vinyl Chloride	2.941	62	587386	9.126	ppbv	99
6) Bromomethane	3.140	94	236660	8.980	ppbv	91
7) Chloroethane	3.214	64	224189	9.784	ppbv	100
8) Dichlorotetrafluoroethane	2.877	85	1455198	9.680	ppbv	99
9) Propene	2.716	41	522413	9.187	ppbv #	22
10) Heptane	7.584	43	1362855	10.318	ppbv	99
11) Trichlorofluoromethane	3.581	101	1447794	9.415	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.082	101	1056576	9.301	ppbv	99
13) Ethanol	3.256	45	43279	10.575	ppbv	94
14) Bromoethene	3.385	108	443928	9.563	ppbv	97
15) Acetone	3.484	43	1086460	9.233	ppbv	100
16) 1,3-Butadiene	3.005	39	589921	9.653	ppbv	98
17) tert-Butyl alcohol	3.893	59	1042373	10.374	ppbv	100
18) 1,1-Dichloroethene	3.896	96	476325	9.300	ppbv	96
19) Isopropyl Alcohol	3.590	45	615612	10.705	ppbv #	100
20) Methylene Chloride	3.950	84	400489	8.359	ppbv	94
21) Allyl Chloride	4.012	41	751734	9.832	ppbv	99
22) trans-1,2-Dichloroethene	4.462	96	498083	9.789	ppbv	95
23) Vinyl Acetate	4.639	43	565751	9.563	ppbv	96
24) 1,1-Dichloroethane	4.577	63	1014882	9.748	ppbv	98
25) Ethyl Acetate	5.217	43	2439618	9.724	ppbv	100
26) Hexane	5.224	57	999854	9.718	ppbv	98
27) Carbon Disulfide	4.140	76	1191788	10.857	ppbv	99
28) Methyl tert-Butyl Ether	4.603	73	853643	9.436	ppbv	100
29) Chloroform	5.285	83	1552305	9.639	ppbv	99
30) Cyclohexane	6.610	84	839903	9.831	ppbv #	100
31) cis-1,2-Dichloroethene	5.089	61	955444	9.604	ppbv	98
32) 1,1,1-Trichloroethane	6.011	97	1481016	9.806	ppbv	99
34) 2-Butanone	4.799	43	1341771	9.573	ppbv	98
35) Carbon Tetrachloride	6.503	117	1568865	10.003	ppbv	99
36) Benzene	6.378	78	2083829	9.807	ppbv	98
37) 1,2-Dichloroethane	5.815	62	1151671	9.757	ppbv	100
38) Trichloroethene	7.298	130	1190926	10.318	ppbv	97
39) 1,2-Dichloropropane	7.082	63	795016	9.984	ppbv	97
40) 1,4-Dioxane	7.291	88	324123	10.259	ppbv	92
41) Tetrahydrofuran	5.568	42	859358	10.422	ppbv	98
42) Bromodichloromethane	7.253	83	1634090	10.130	ppbv	99
43) Methyl Methacrylate	7.484	69	817817	10.630	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	3549872	9.917	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	806989	11.927	ppbv	93

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/18/2022
 Supervised By : Mahesh Dadoda 08/19/2022

Quant Time: Aug 18 05:37:13 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

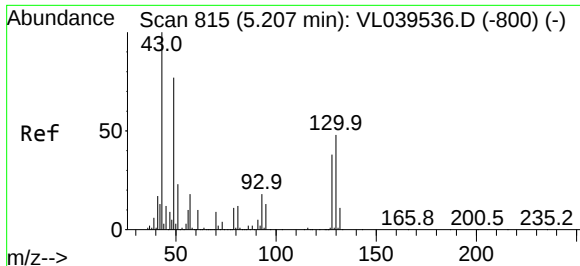
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022

QLast Update : Wed Aug 17 12:06:24 2022

Response via : Initial Calibration

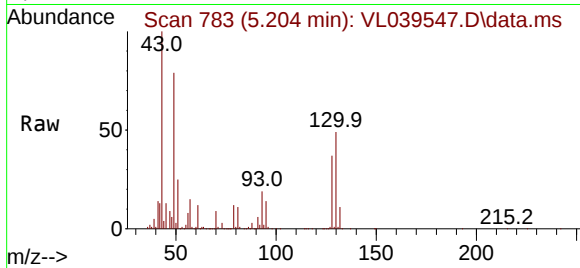
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1094796	11.759	ppbv	99
47) 1,1,2-Trichloroethane	8.902	97	852755	9.345	ppbv	97
48) Dibromochloromethane	9.712	129	1451464	10.698	ppbv	99
49) Bromoform	12.410	173	1195595	10.653	ppbv #	100
50) 4-Methyl-2-Pentanone	8.185	43	2246072	10.416	ppbv	99
51) 2-Hexanone	9.555	43	1737628	10.932	ppbv #	99
52) Tetrachloroethene	10.619	164	798526	9.594	ppbv	99
53) Toluene	9.227	91	2478360	10.411	ppbv	100
54) 1,2-Dibromoethane	10.015	107	1055350	10.138	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.513	131	1051708	9.611	ppbv	97
57) Chlorobenzene	11.529	112	1883659	9.424	ppbv	96
58) Ethyl Benzene	12.095	91	3263995	10.602	ppbv	99
59) m/p-Xylene	12.378	91	5531393m	19.983	ppbv	
60) o-Xylene	13.063	91	2650961	9.989	ppbv	100
61) Styrene	12.899	104	1617335	11.423	ppbv	100
62) Isopropylbenzene	14.034	105	3857320	9.604	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1085366	8.133	ppbv	100
64) n-propylbenzene	14.921	120	1014264	9.685	ppbv	98
65) tert-Butylbenzene	16.095	119	3398316	9.490	ppbv	99
66) Benzyl Chloride	16.333	91	302303	9.839	ppbv #	91
67) sec-Butylbenzene	16.641	105	4712424	9.319	ppbv	100
69) p-Isopropyltoluene	16.998	119	3949521	9.375	ppbv	99
70) n-Butylbenzene	17.889	91	3946488	9.436	ppbv	99
71) 2-Chlorotoluene	14.802	91	2854375	9.807	ppbv	99
72) 4-Ethyltoluene	15.198	105	3106707	9.964	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.352	105	2787116	9.787	ppbv	98
74) 1,2,4-Trimethylbenzene	16.114	105	3004617	9.463	ppbv	93
75) 1,3-Dichlorobenzene	16.336	146	1805490	9.361	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	1738265	8.999	ppbv	97
77) 1,2-Dichlorobenzene	17.146	146	1691734	8.951	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1395775	9.297	ppbv #	100
79) Naphthalene	21.384	128	2930566	12.963	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	1305396	14.612	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.143	180	1623451	10.773	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.204 min Scan# 7
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

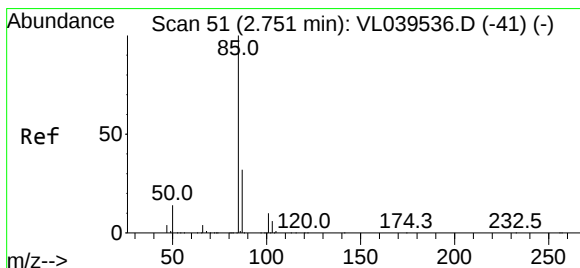
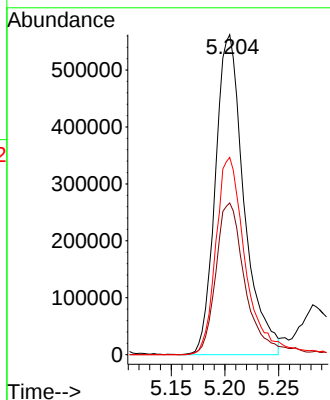
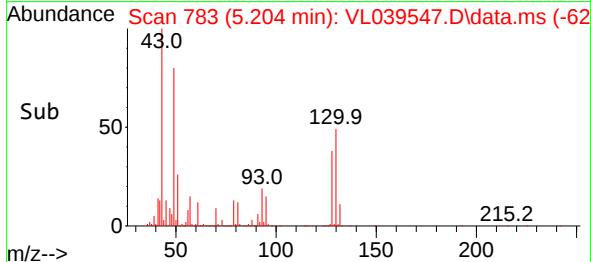
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



Tgt Ion: 49 Resp: 104152
Ion Ratio Lower Upper
49 100
128 50.6 25.7 77.0
130 65.6 31.6 95.0

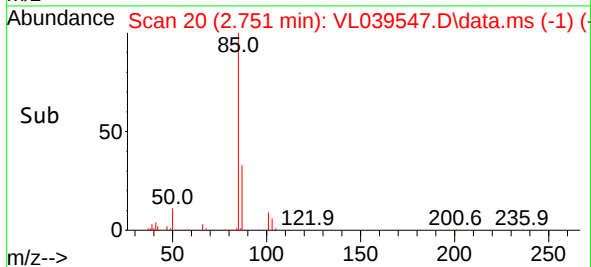
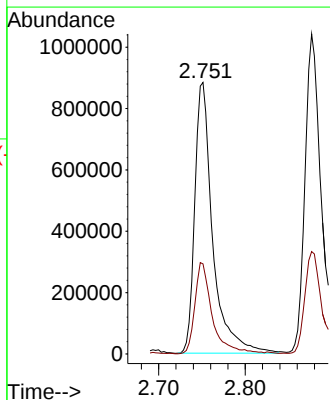
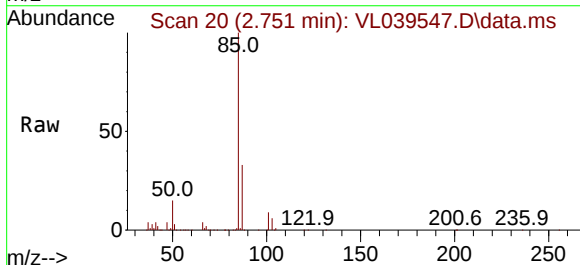
Manual Integrations
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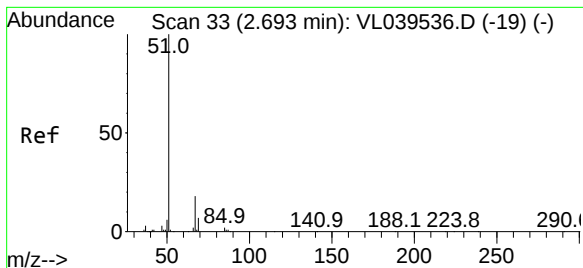
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#2
Dichlorodifluoromethane
Concen: 9.069 ppbv
RT: 2.751 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 85 Resp: 1269531
Ion Ratio Lower Upper
85 100
87 33.3 25.9 38.9





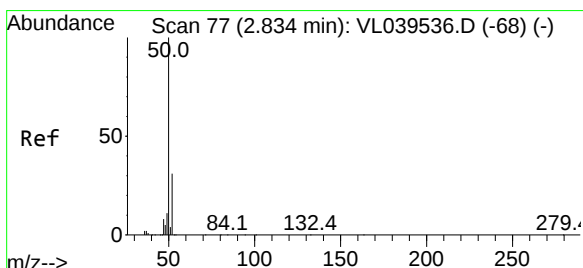
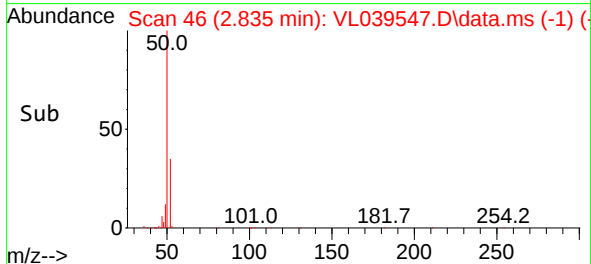
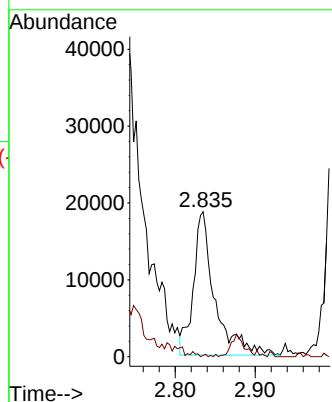
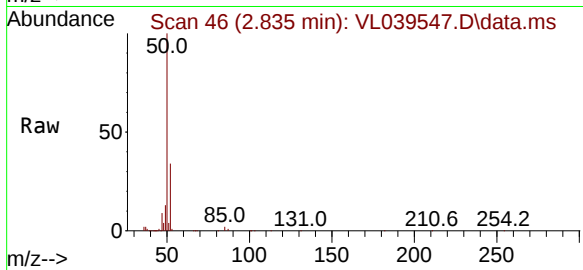
#3
Chlorodifluoromethane
Concen: 0.279 ppbv
RT: 2.835 min Scan# 40
Delta R.T. 0.142 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

Tgt Ion: 51 Resp: 34834
Ion Ratio Lower Upper
51 100
67 0.0 14.7 22.1

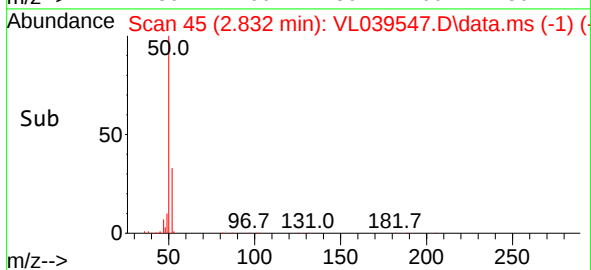
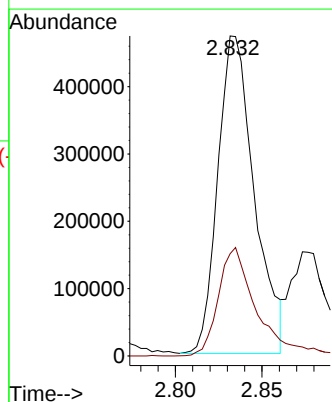
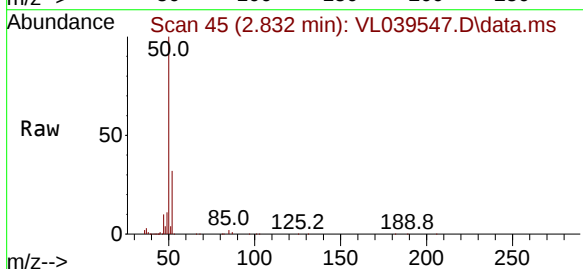
Manual Integrations
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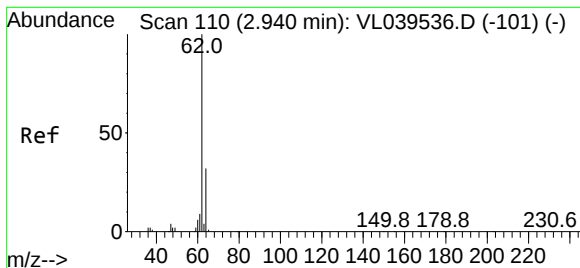
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#4
Chloromethane
Concen: 9.259 ppbv
RT: 2.832 min Scan# 45
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

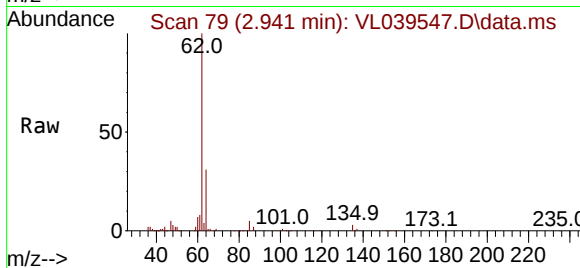
Tgt Ion: 50 Resp: 691070
Ion Ratio Lower Upper
50 100
52 32.2 24.3 36.5





#5
 Vinyl Chloride
 Concen: 9.126 ppbv
 RT: 2.941 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

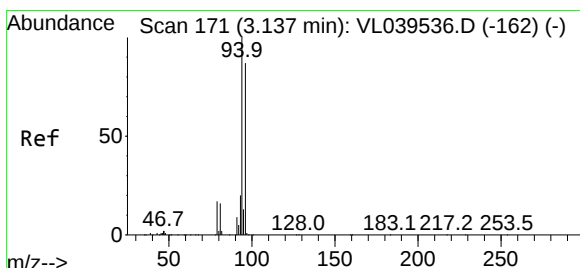
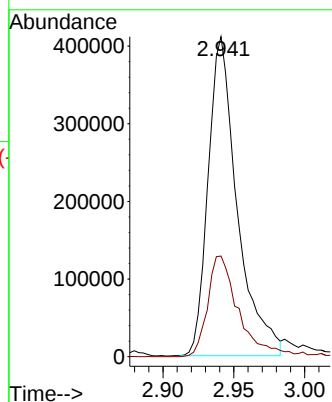
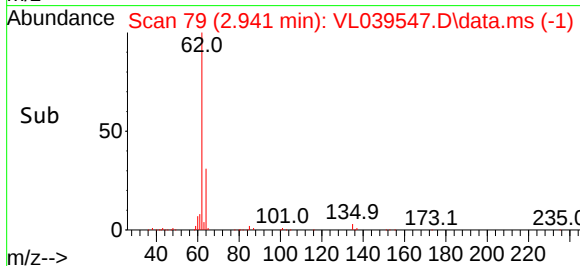
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS01



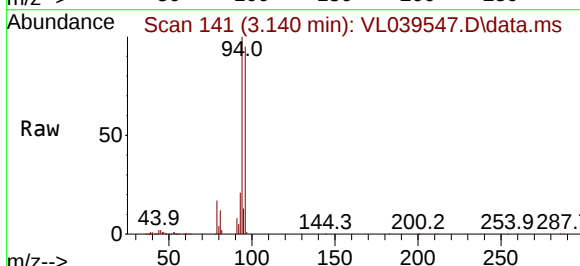
Tgt Ion: 62 Resp: 587380
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.5 38.3

Manual Integrations
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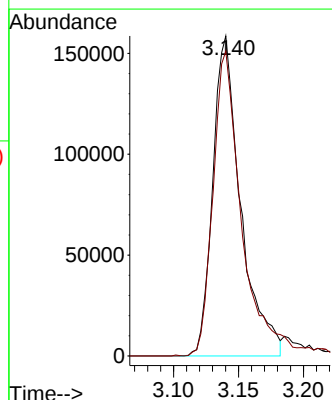
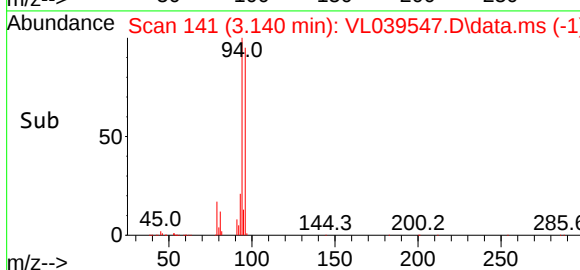
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

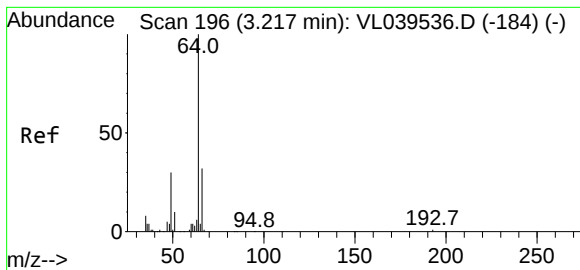


#6
 Bromomethane
 Concen: 8.980 ppbv
 RT: 3.140 min Scan# 141
 Delta R.T. 0.004 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56



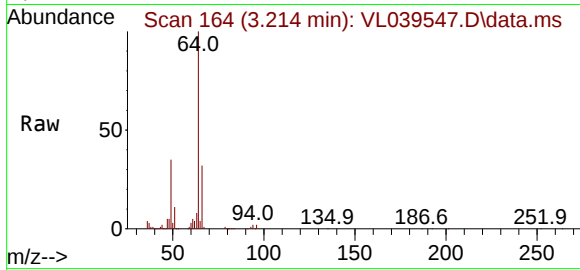
Tgt Ion: 94 Resp: 236660
 Ion Ratio Lower Upper
 94 100
 96 95.1 69.8 104.6





#7
Chloroethane
Concen: 9.784 ppbv
RT: 3.214 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

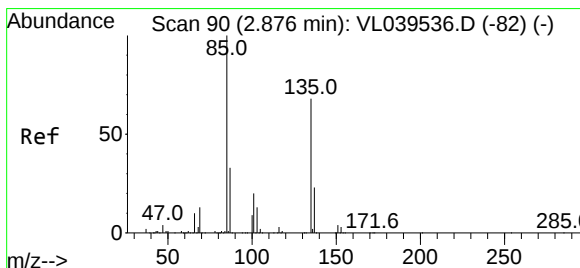
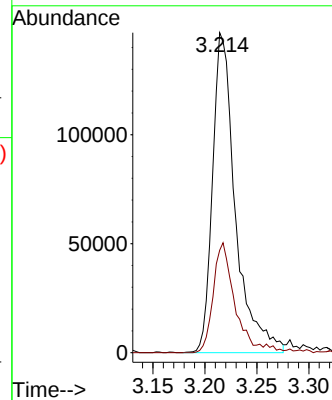
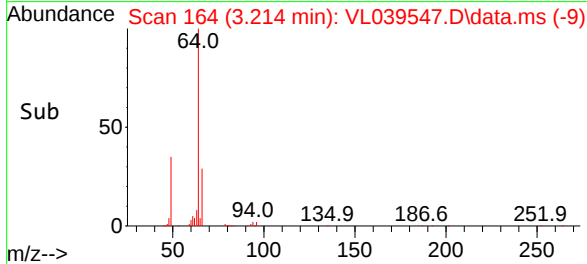
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



Tgt Ion: 64 Resp: 224189
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

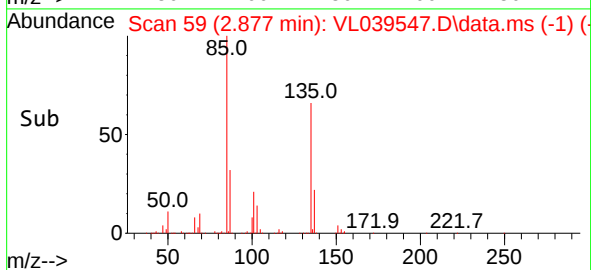
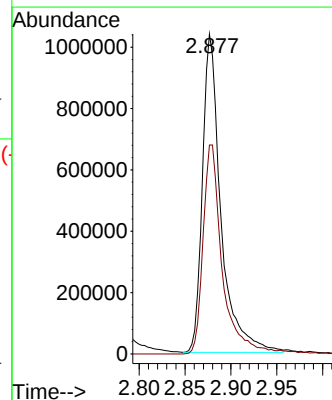
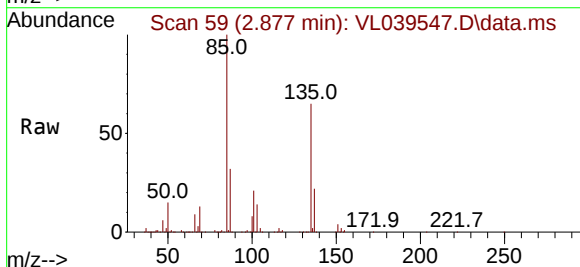
Manual Integrations
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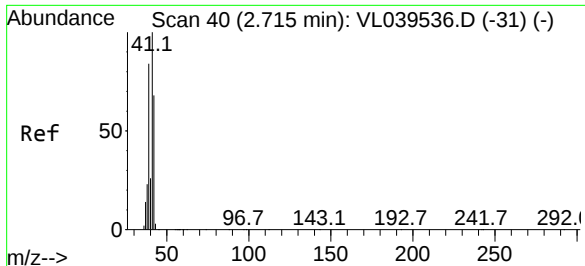
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#8
Dichlorotetrafluoroethane
Concen: 9.680 ppbv
RT: 2.877 min Scan# 59
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

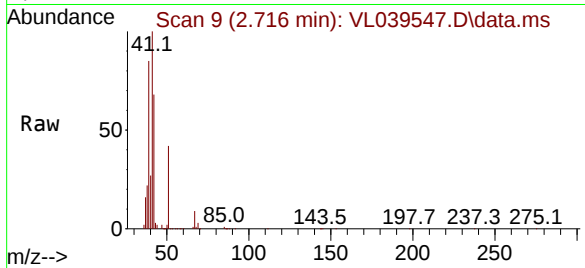
Tgt Ion: 85 Resp: 1455198
Ion Ratio Lower Upper
85 100
135 69.4 56.3 84.5





#9
 Propene
 Concen: 9.187 ppbv
 RT: 2.716 min Scan# 9
 Delta R.T. 0.000 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

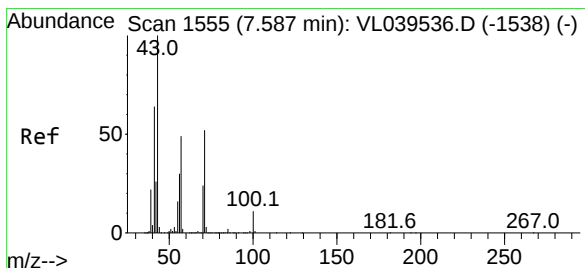
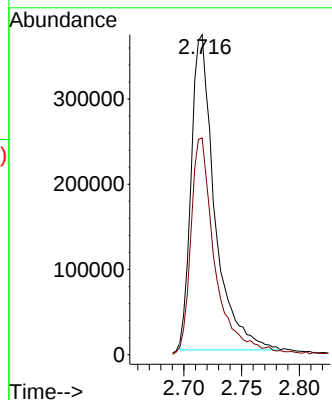
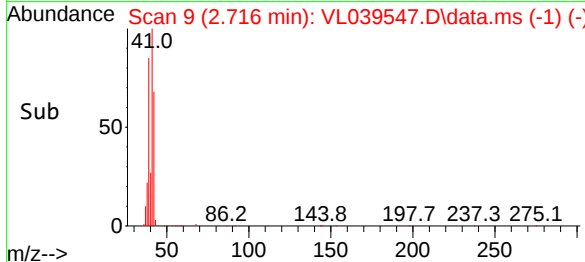
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS01



Tgt Ion: 41 Resp: 52241
 Ion Ratio Lower Upper
 41 100
 42 5.2 55.4 83.0

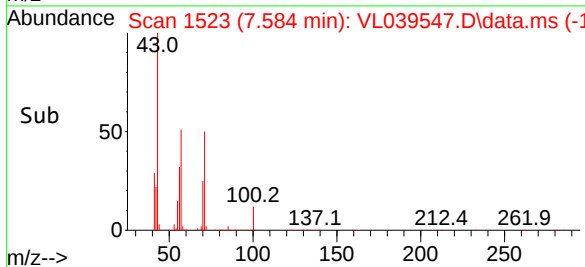
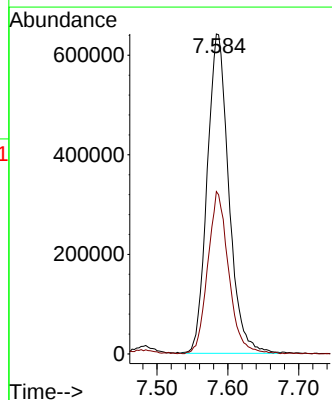
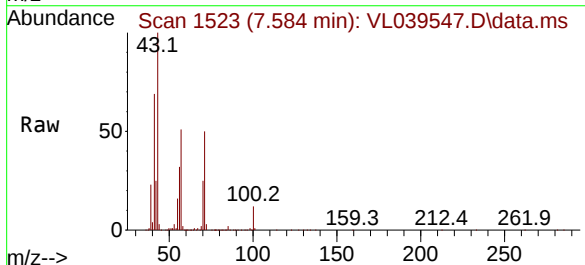
Manual Integrations
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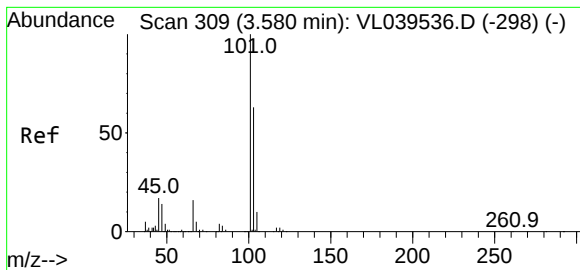
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#10
 Heptane
 Concen: 10.318 ppbv
 RT: 7.584 min Scan# 1523
 Delta R.T. -0.003 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

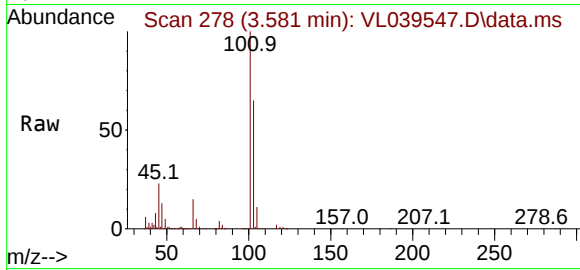
Tgt Ion: 43 Resp: 1362855
 Ion Ratio Lower Upper
 43 100
 57 48.8 39.8 59.6





#11
Trichlorofluoromethane
Concen: 9.415 ppbv
RT: 3.581 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

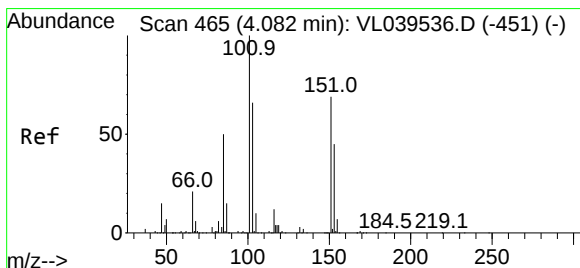
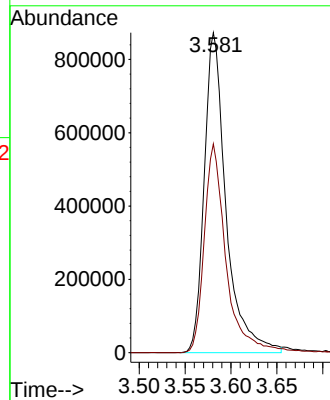
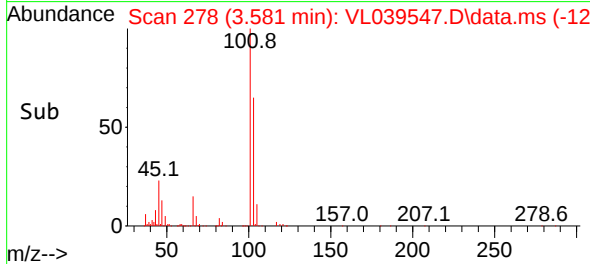
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



Tgt Ion:101 Resp: 1447794
Ion Ratio Lower Upper
101 100
103 65.3 50.6 76.0

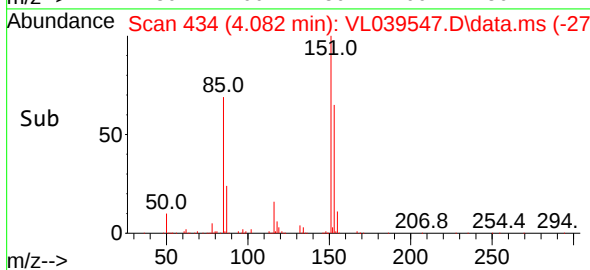
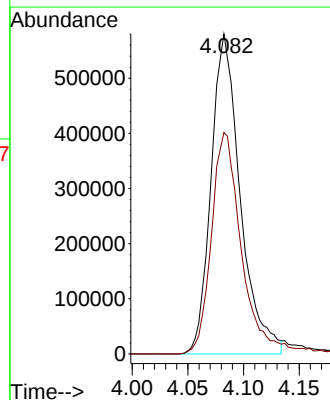
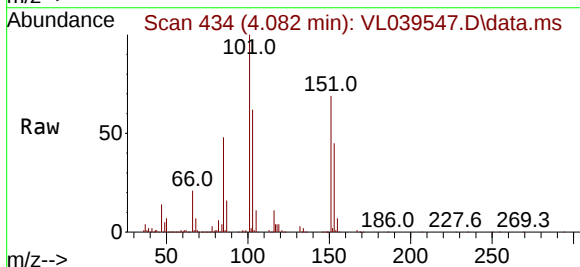
Manual Integrations
APPROVED

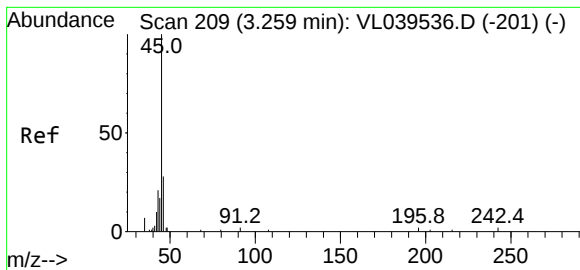
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.301 ppbv
RT: 4.082 min Scan# 434
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

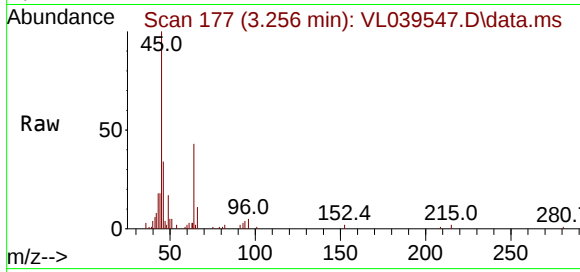
Tgt Ion:101 Resp: 1056576
Ion Ratio Lower Upper
101 100
151 72.7 58.6 87.8





#13
Ethanol
Concen: 10.575 ppbv
RT: 3.256 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

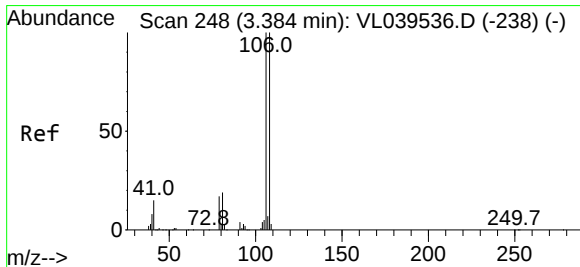
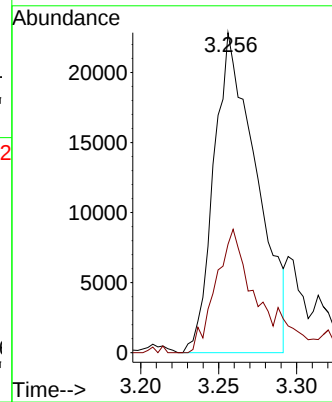
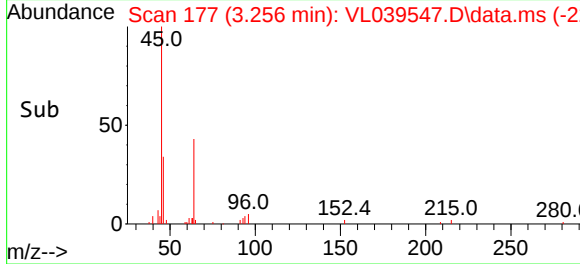
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



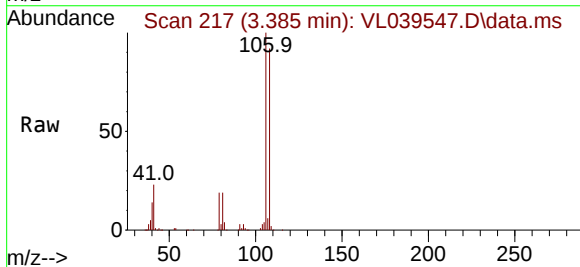
Tgt Ion: 45 Resp: 43279
Ion Ratio Lower Upper
45 100
46 43.9 19.3 77.1

Manual Integrations
APPROVED

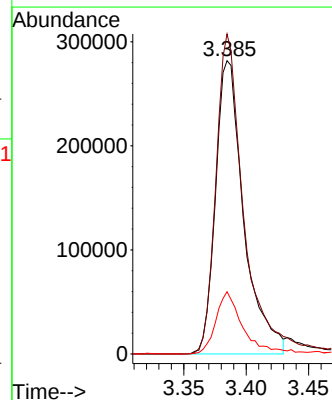
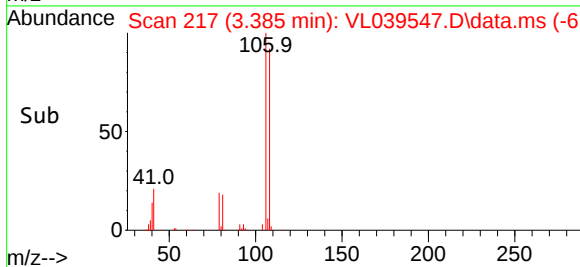
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

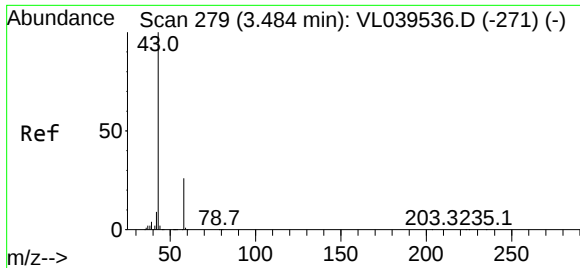


#14
Bromoethene
Concen: 9.563 ppbv
RT: 3.385 min Scan# 217
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



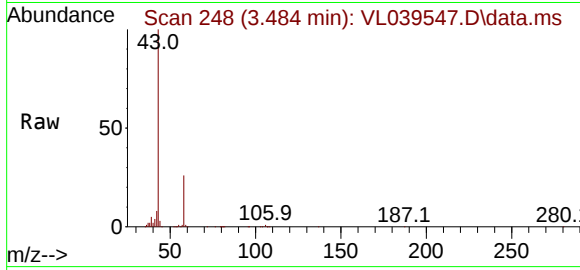
Tgt Ion:108 Resp: 443928
Ion Ratio Lower Upper
108 100
106 111.1 86.6 130.0
79 21.2 15.1 22.7





#15
Acetone
Concen: 9.233 ppbv
RT: 3.484 min Scan# 24
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

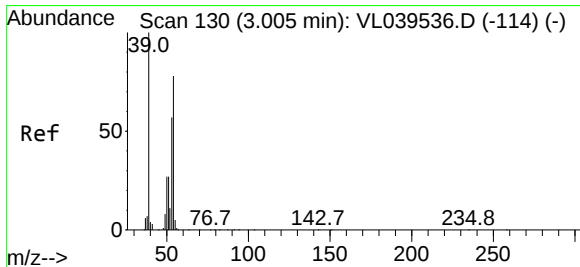
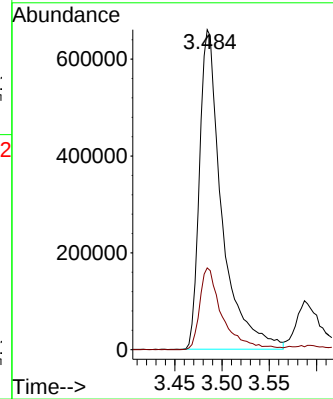
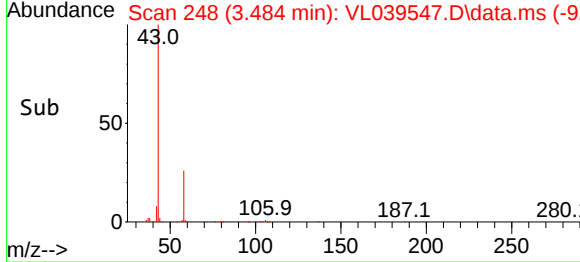
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



Tgt Ion: 43 Resp: 1086460
Ion Ratio Lower Upper
43 100
58 25.9 20.7 31.1

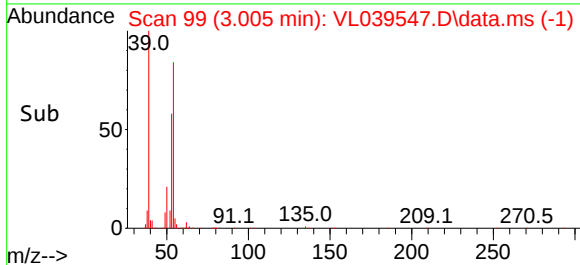
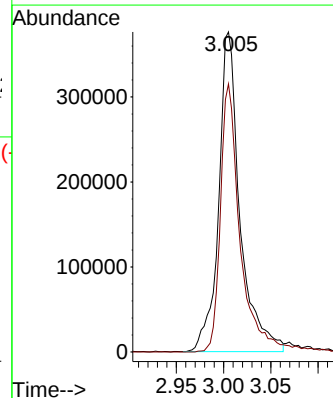
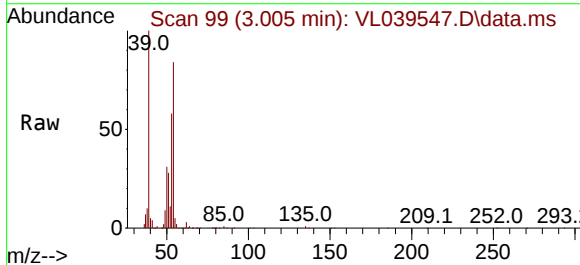
Manual Integrations
APPROVED

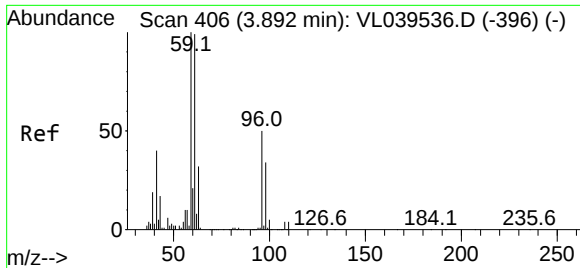
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#16
1,3-Butadiene
Concen: 9.653 ppbv
RT: 3.005 min Scan# 99
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 39 Resp: 589921
Ion Ratio Lower Upper
39 100
54 78.8 61.8 92.8





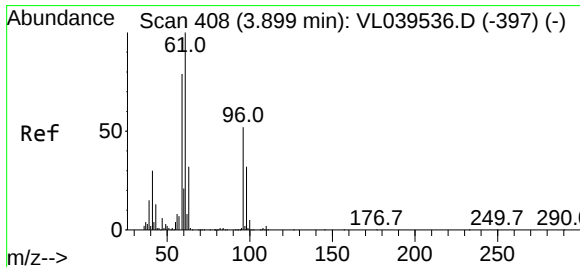
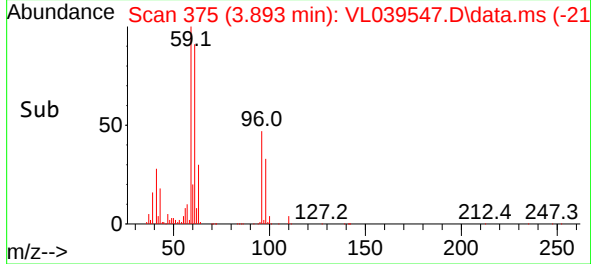
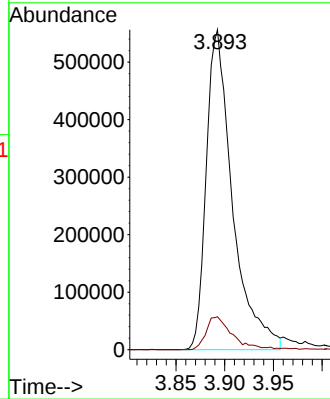
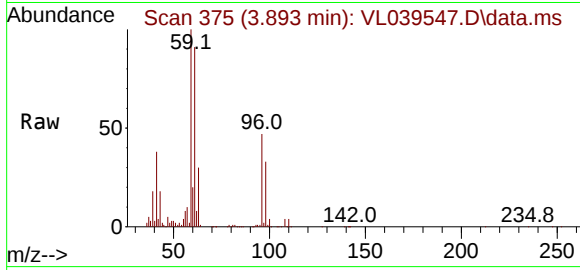
#17
tert-Butyl alcohol
Concen: 10.374 ppbv
RT: 3.893 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

Tgt Ion: 59 Resp: 104237
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

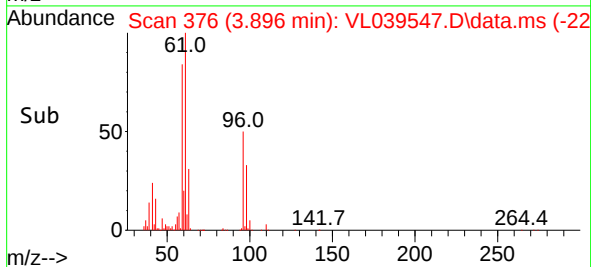
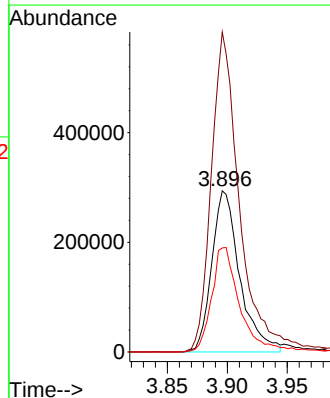
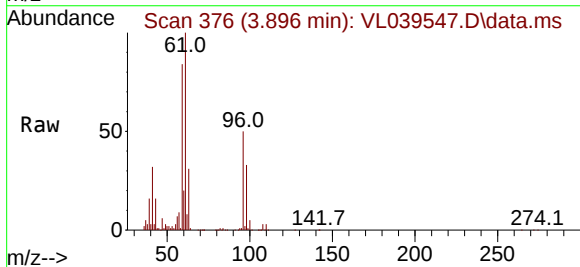
Manual Integrations
APPROVED

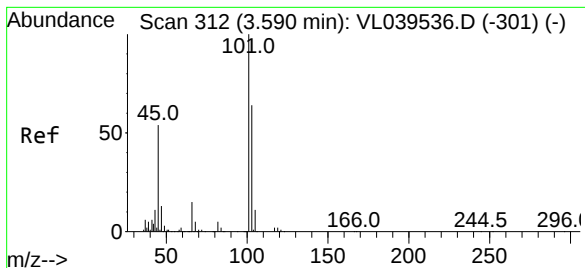
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#18
1,1-Dichloroethene
Concen: 9.300 ppbv
RT: 3.896 min Scan# 376
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 96 Resp: 476325
Ion Ratio Lower Upper
96 100
61 198.4 153.8 230.6
98 64.6 48.6 73.0





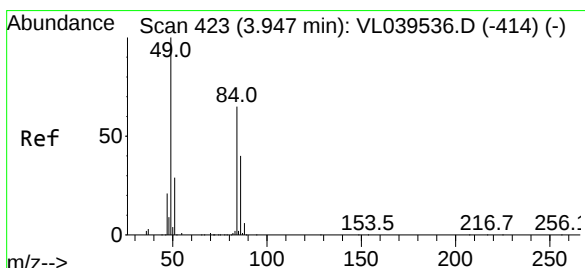
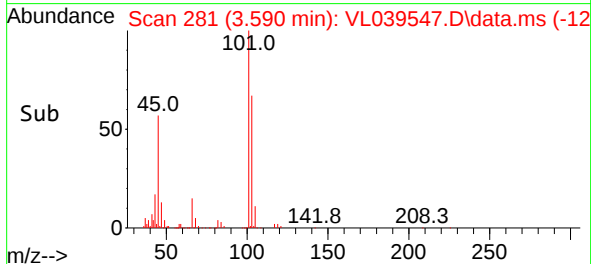
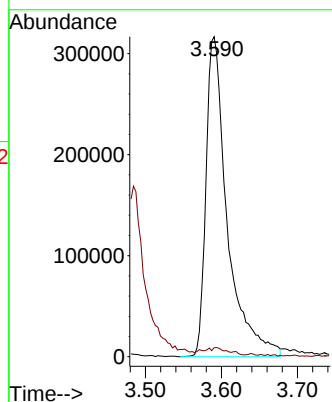
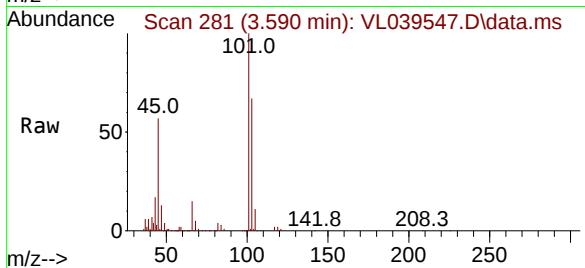
#19
Isopropyl Alcohol
Concen: 10.705 ppbv
RT: 3.590 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

Tgt Ion: 45 Resp: 615612
Ion Ratio Lower Upper
45 100
58 3.4 0.0 0.0

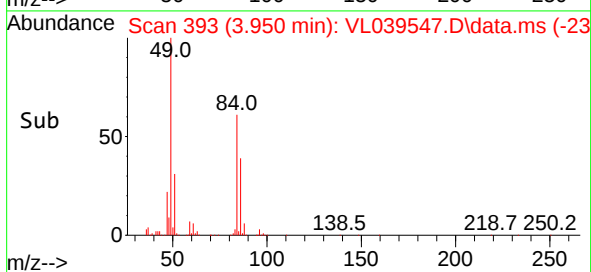
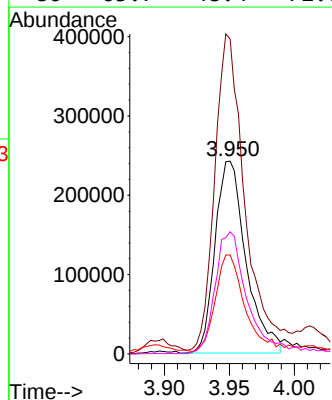
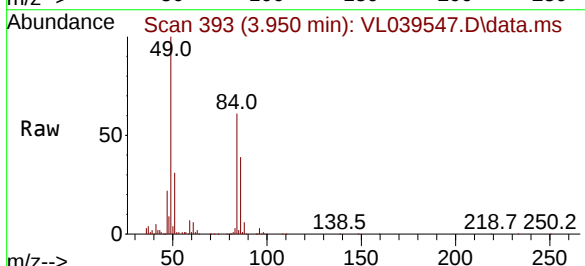
Manual Integrations
APPROVED

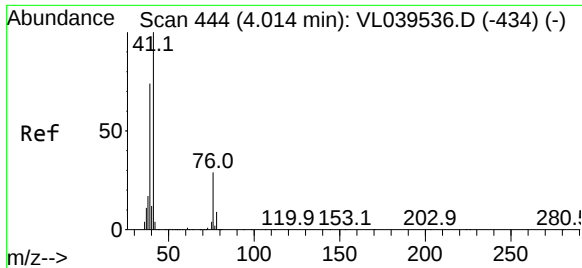
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#20
Methylene Chloride
Concen: 8.359 ppbv
RT: 3.950 min Scan# 393
Delta R.T. 0.004 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 84 Resp: 400489
Ion Ratio Lower Upper
84 100
49 161.0 122.2 183.4
51 49.8 35.8 53.6
86 63.7 48.4 72.6





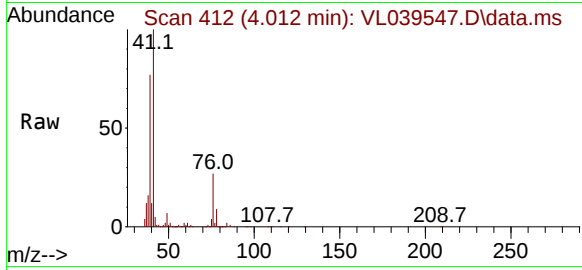
#21
 Allyl Chloride
 Concen: 9.832 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS01

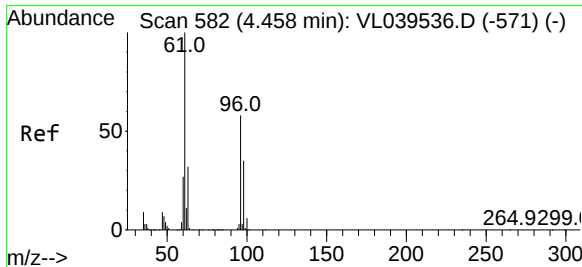
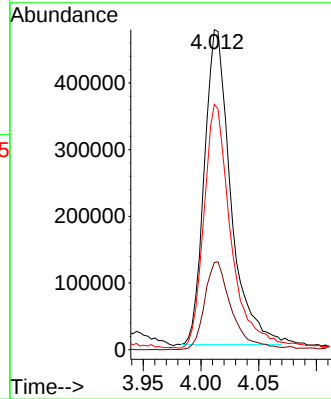
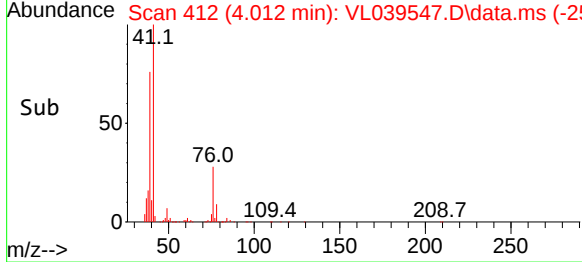


Tgt Ion: 41 Resp: 751734
 Ion Ratio Lower Upper
 41 100
 76 28.8 23.1 34.7
 39 80.5 63.4 95.2

Manual Integrations

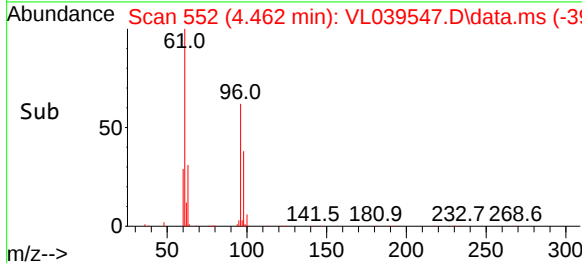
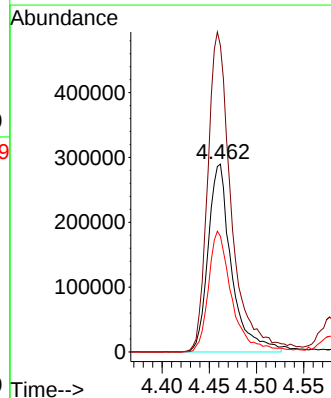
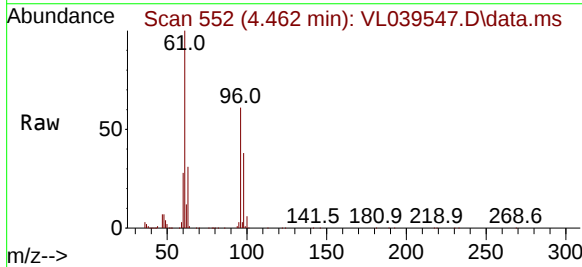
APPROVED

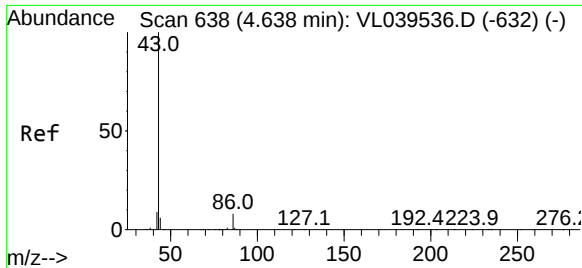
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.789 ppbv
 RT: 4.462 min Scan# 552
 Delta R.T. 0.004 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

Tgt Ion: 96 Resp: 498083
 Ion Ratio Lower Upper
 96 100
 61 163.2 138.1 207.1
 98 61.7 48.8 73.2





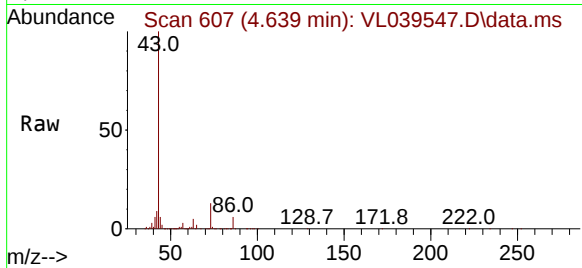
#23
 Vinyl Acetate
 Concen: 9.563 ppbv
 RT: 4.639 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS01

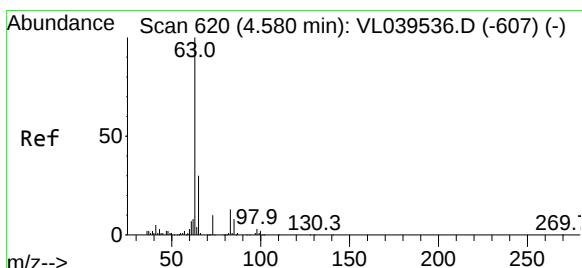
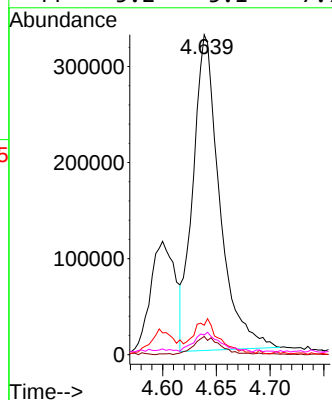
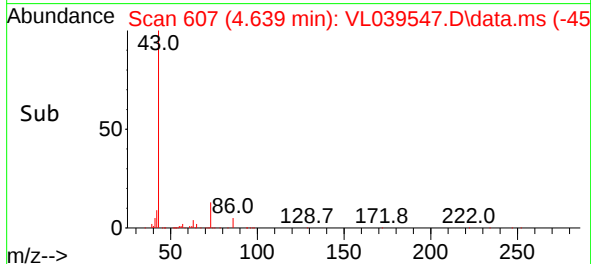


Tgt Ion: 43 Resp: 56575
 Ion Ratio Lower Upper
 43 100
 86 5.7 5.3 7.9
 42 9.0 8.7 13.1
 44 5.2 5.1 7.7

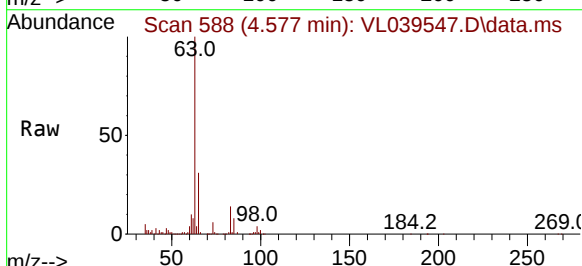
Manual Integrations

APPROVED

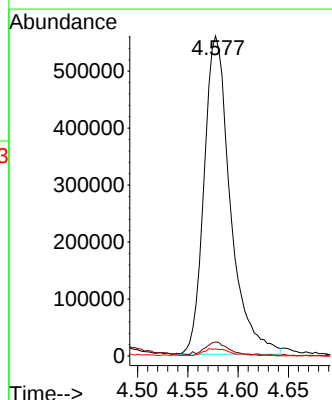
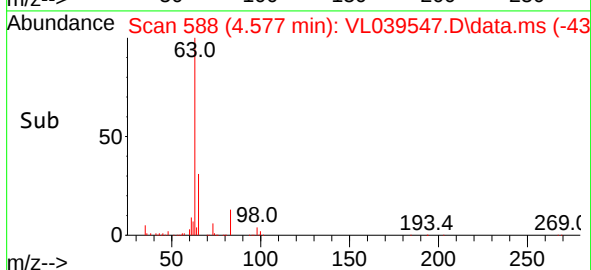
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

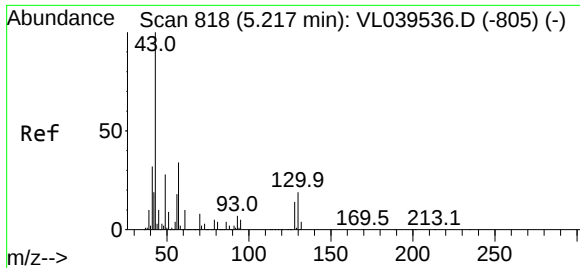


#24
 1,1-Dichloroethane
 Concen: 9.748 ppbv
 RT: 4.577 min Scan# 588
 Delta R.T. -0.003 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56



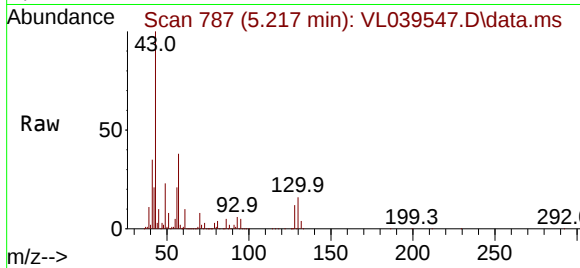
Tgt Ion: 63 Resp: 1014882
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.7 5.0
 100 2.2 1.1 3.3





#25
Ethyl Acetate
Concen: 9.724 ppbv
RT: 5.217 min Scan# 790
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

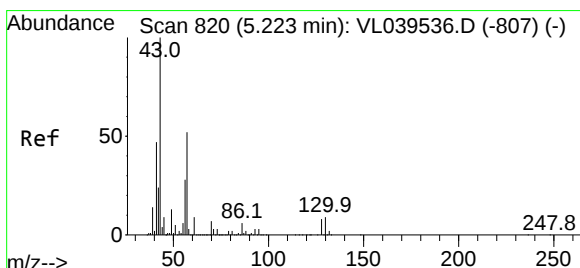
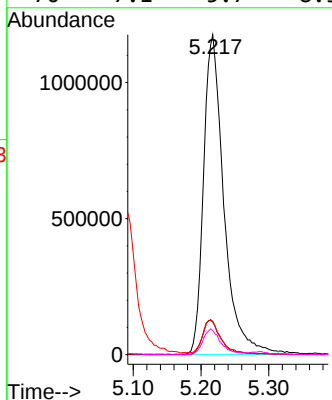
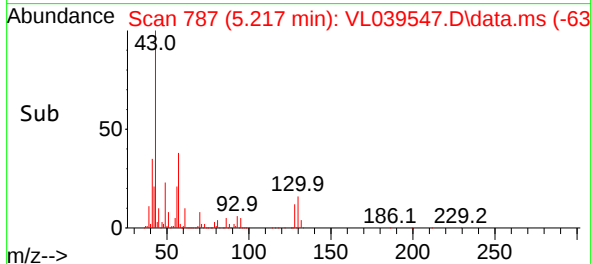


Tgt Ion: 43 Resp: 2439618

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	10.4	8.6	12.8
70	7.1	5.7	8.5

Manual Integrations
APPROVED

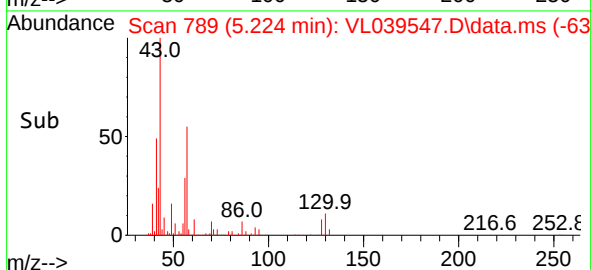
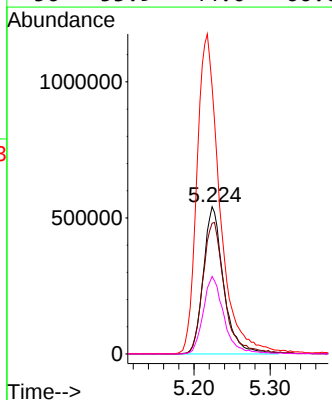
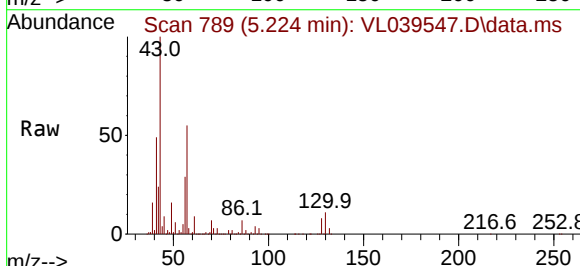
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

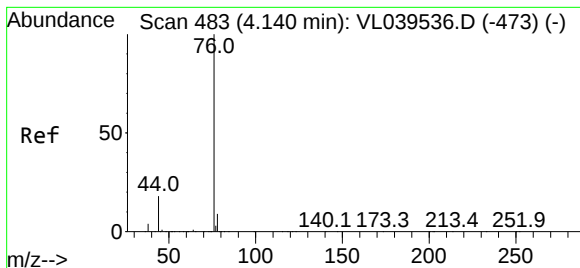


#26
Hexane
Concen: 9.718 ppbv
RT: 5.224 min Scan# 789
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 57 Resp: 999854

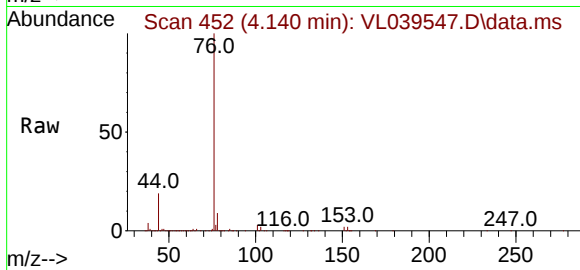
Ion	Ratio	Lower	Upper
57	100		
41	96.7	79.4	119.2
43	246.6	199.7	299.5
56	53.9	44.0	66.0





#27
Carbon Disulfide
Concen: 10.857 ppbv
RT: 4.140 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

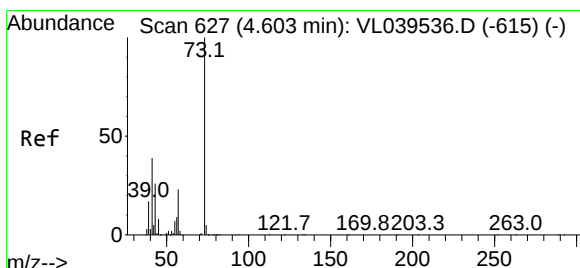
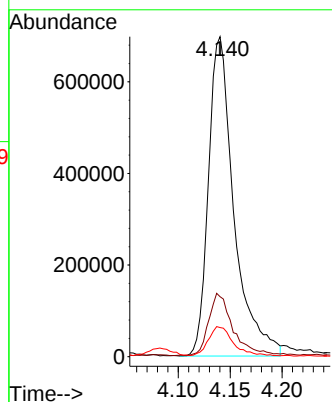
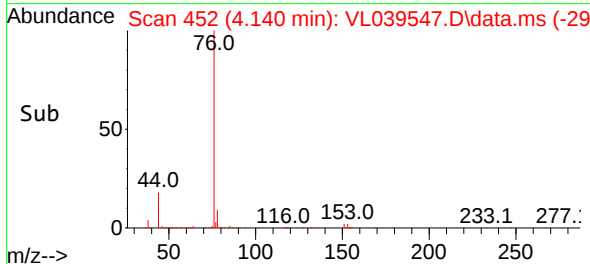
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



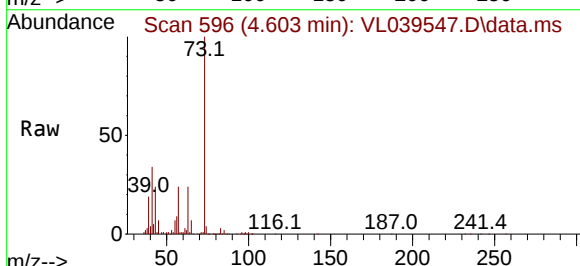
Tgt Ion: 76 Resp: 1191788
Ion Ratio Lower Upper
76 100
44 19.7 16.3 24.5
78 10.1 7.8 11.6

Manual Integrations
APPROVED

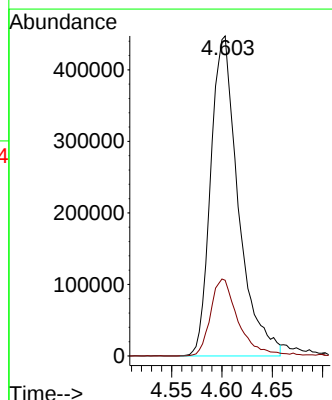
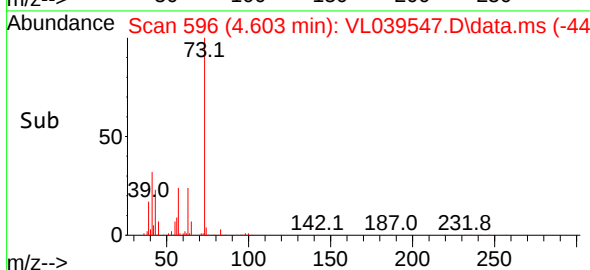
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

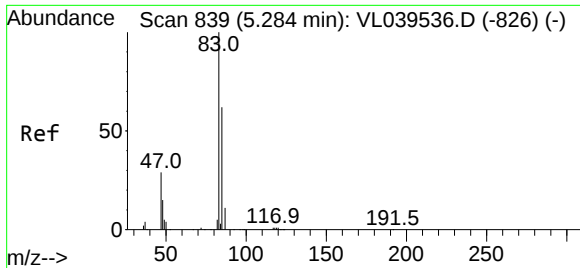


#28
Methyl tert-Butyl Ether
Concen: 9.436 ppbv
RT: 4.603 min Scan# 596
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



Tgt Ion: 73 Resp: 853643
Ion Ratio Lower Upper
73 100
57 24.7 19.8 29.6





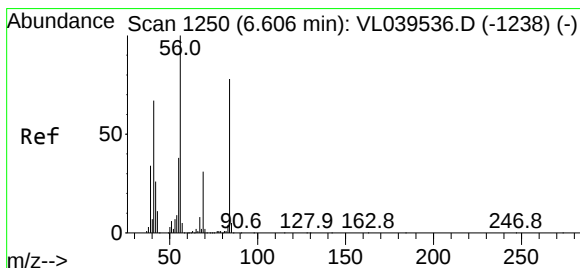
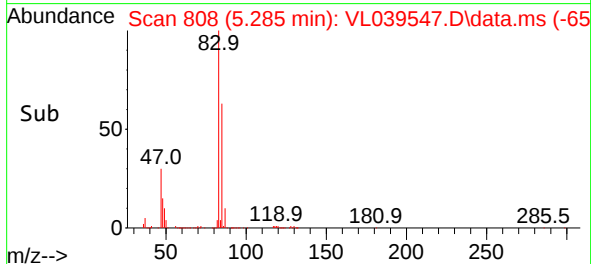
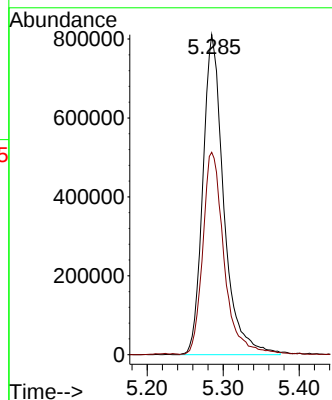
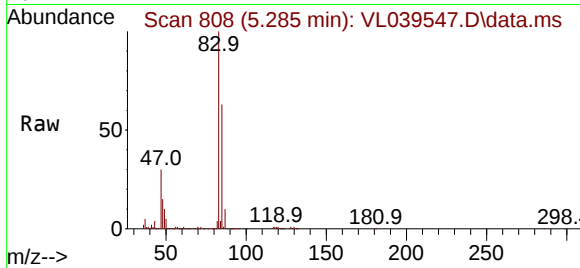
#29
Chloroform
Concen: 9.639 ppbv
RT: 5.285 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

Tgt Ion: 83 Resp: 155230
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.8

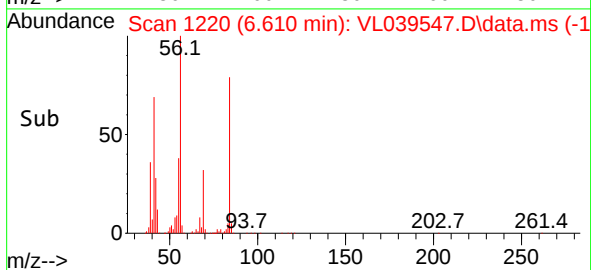
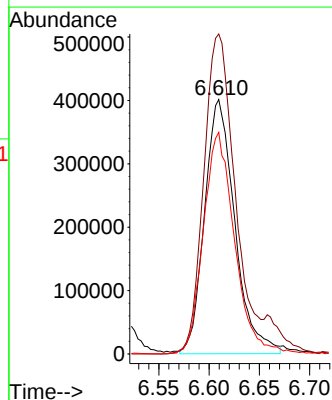
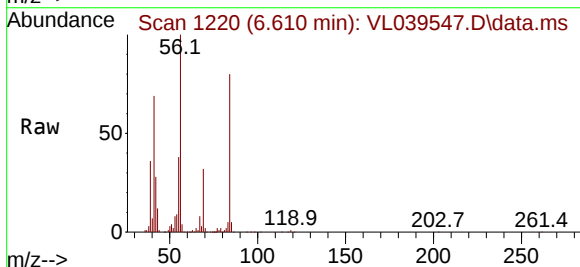
Manual Integrations
APPROVED

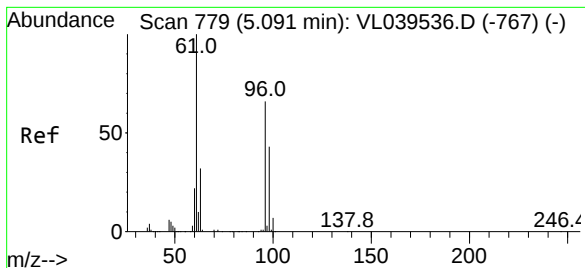
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#30
Cyclohexane
Concen: 9.831 ppbv
RT: 6.610 min Scan# 1220
Delta R.T. 0.004 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

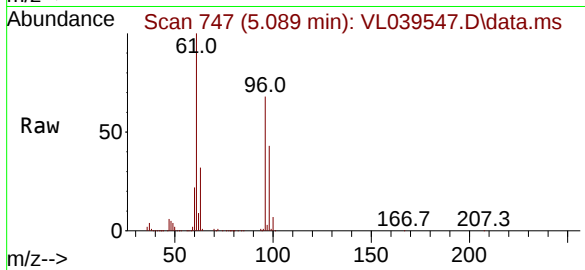
Tgt Ion: 84 Resp: 839903
Ion Ratio Lower Upper
84 100
56 139.3 0.0 0.0#
41 89.8 0.0 0.0#





#31
cis-1,2-Dichloroethene
Concen: 9.604 ppbv
RT: 5.089 min Scan# 74
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

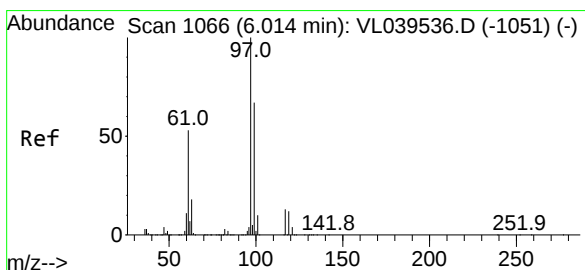
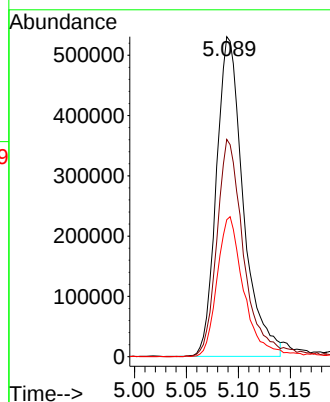
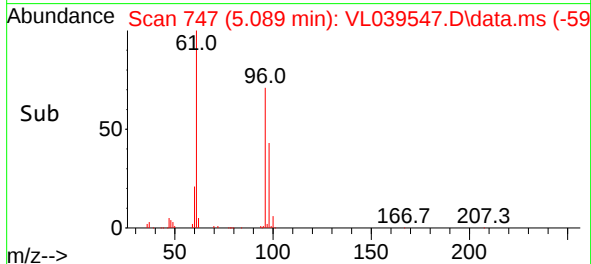
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



Tgt Ion: 61 Resp: 95544
Ion Ratio Lower Upper
61 100
96 67.9 52.9 79.3
98 42.9 34.5 51.7

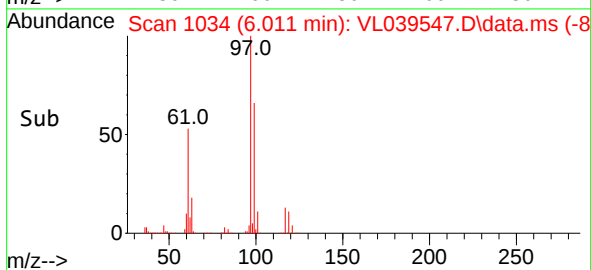
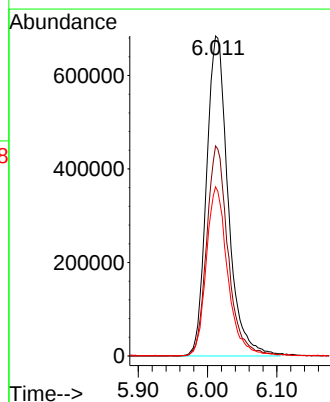
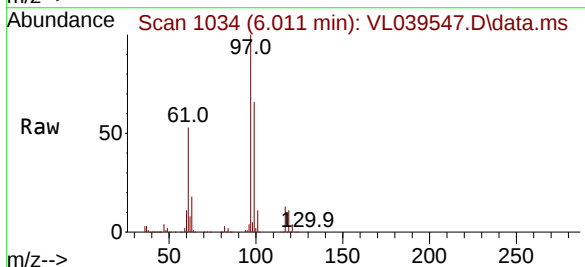
Manual Integrations
APPROVED

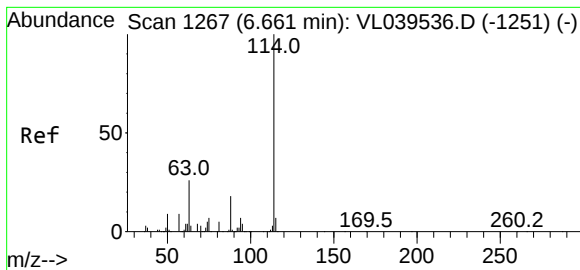
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#32
1,1,1-Trichloroethane
Concen: 9.806 ppbv
RT: 6.011 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

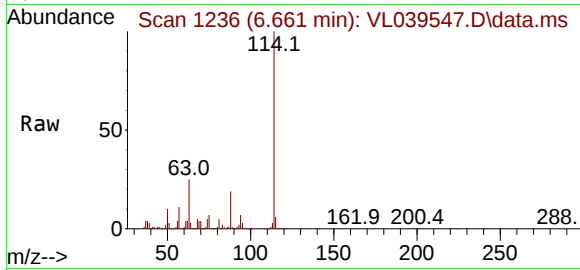
Tgt Ion: 97 Resp: 1481016
Ion Ratio Lower Upper
97 100
99 65.2 52.4 78.6
61 52.9 42.9 64.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

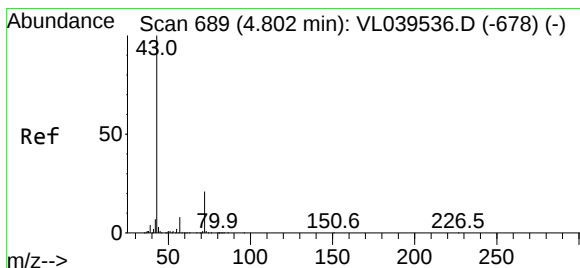
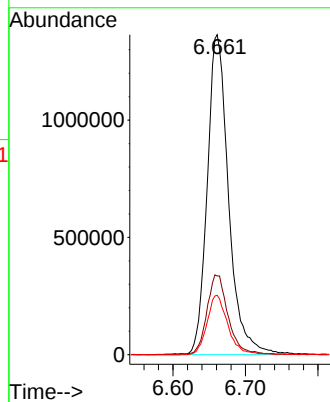
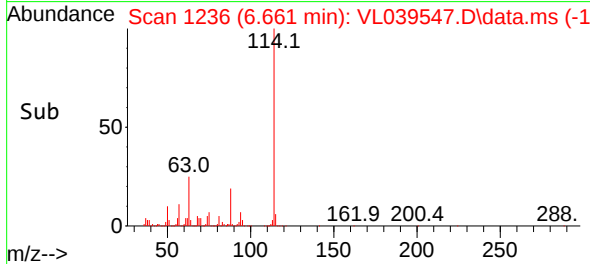
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



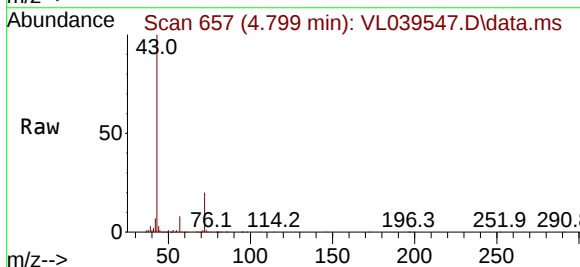
Tgt Ion:114 Resp: 2787808
Ion Ratio Lower Upper
114 100
63 25.2 20.6 31.0
88 18.2 14.6 22.0

Manual Integrations
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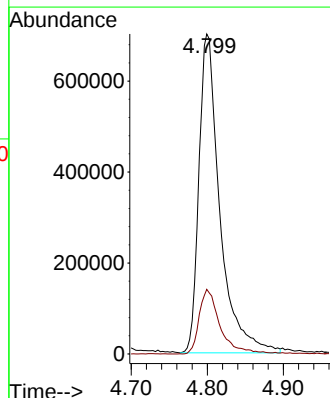
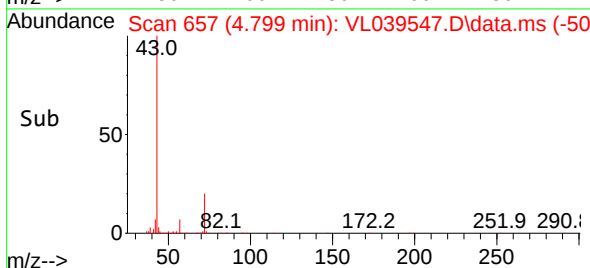
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

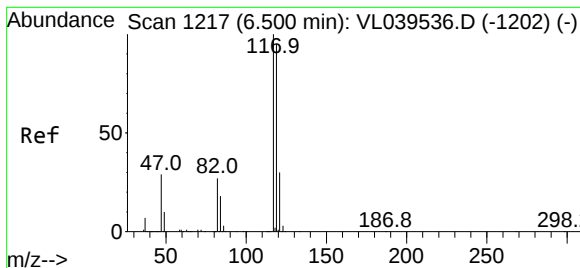


#34
2-Butanone
Concen: 9.573 ppbv
RT: 4.799 min Scan# 657
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



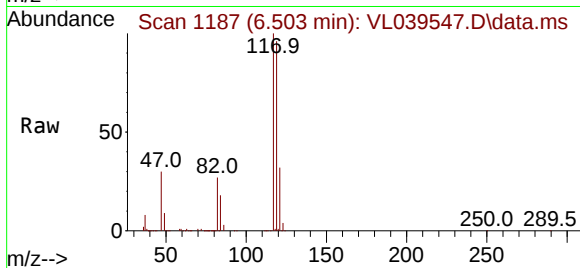
Tgt Ion: 43 Resp: 1341771
Ion Ratio Lower Upper
43 100
72 20.8 17.4 26.0





#35
Carbon Tetrachloride
Concen: 10.003 ppbv
RT: 6.503 min Scan# 1187
Delta R.T. 0.004 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

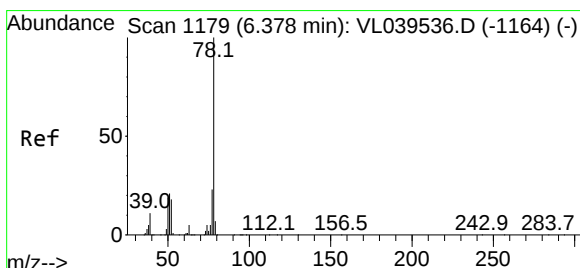
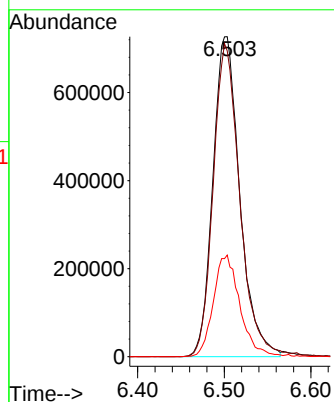
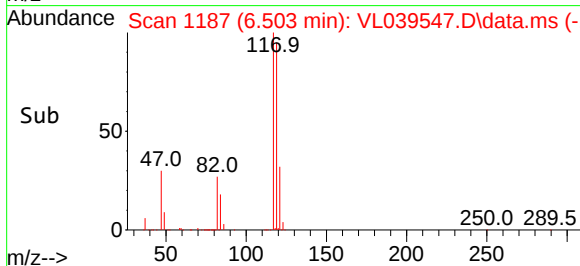


Tgt Ion:117 Resp: 156886

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.4
121	31.7	24.4	36.6

Manual Integrations
APPROVED

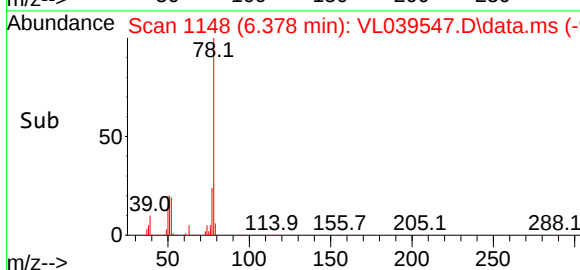
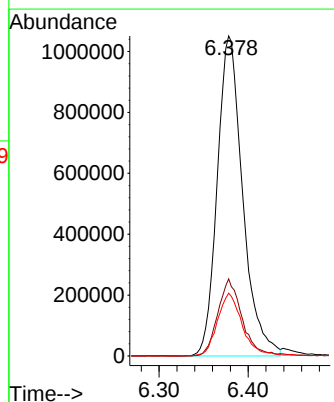
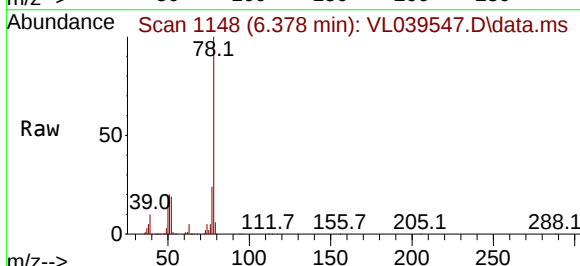
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

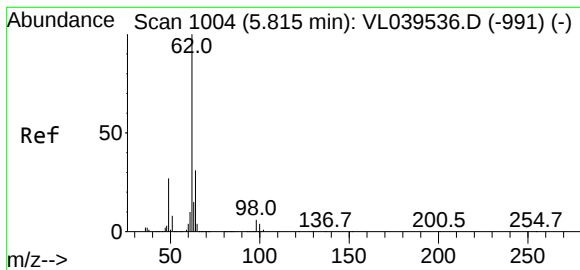


#36
Benzene
Concen: 9.807 ppbv
RT: 6.378 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 78 Resp: 2083829

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	27.8
50	19.6	15.0	22.4





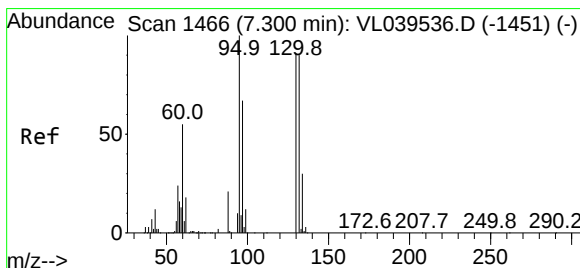
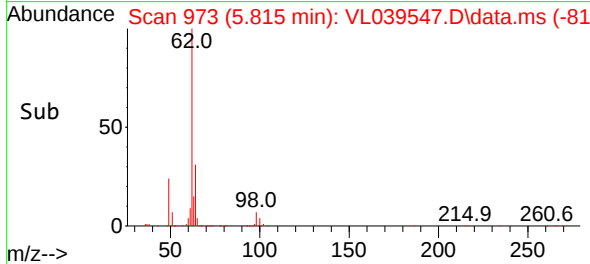
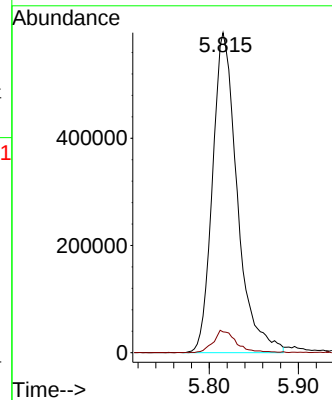
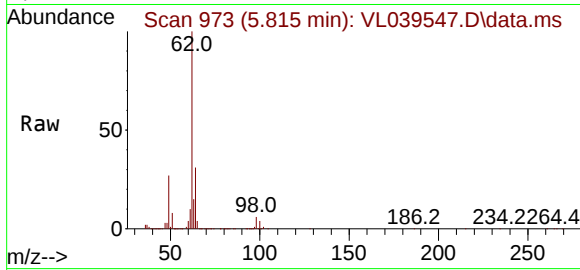
#37
1,2-Dichloroethane
Concen: 9.757 ppbv
RT: 5.815 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

Tgt Ion: 62 Resp: 115167
Ion Ratio Lower Upper
62 100
98 6.7 5.4 8.2

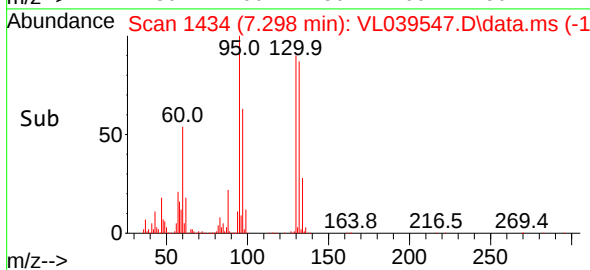
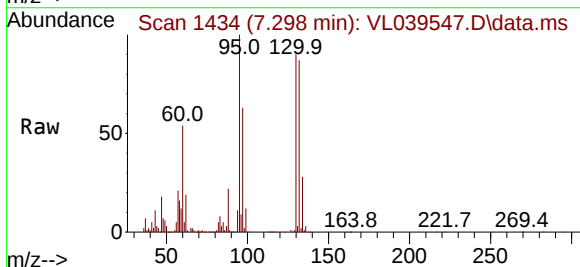
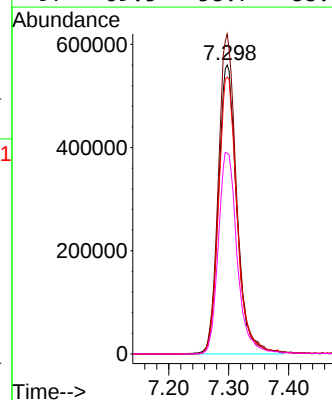
Manual Integrations
APPROVED

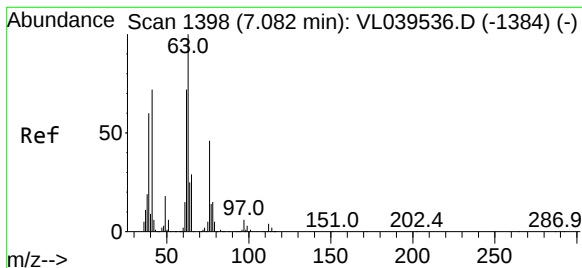
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#38
Trichloroethene
Concen: 10.318 ppbv
RT: 7.298 min Scan# 1434
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

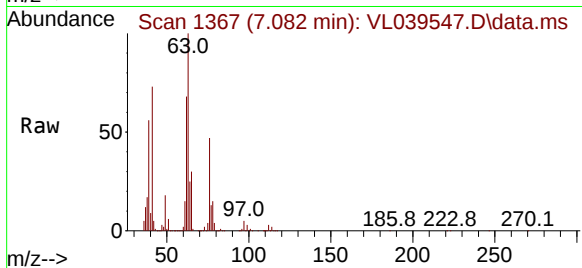
Tgt Ion:130 Resp: 1190926
Ion Ratio Lower Upper
130 100
95 110.7 88.0 132.0
132 95.8 79.1 118.7
97 69.5 58.7 88.1





#39
1,2-Dichloropropane
Concen: 9.984 ppbv
RT: 7.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

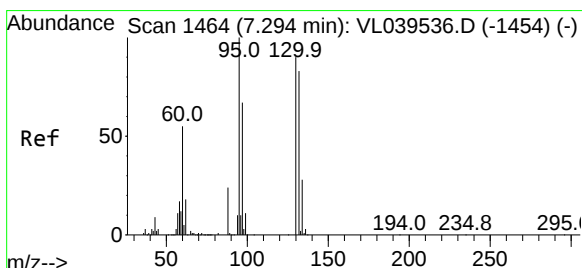
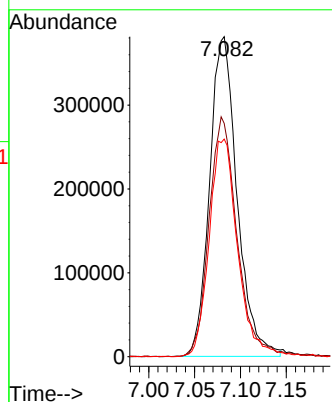
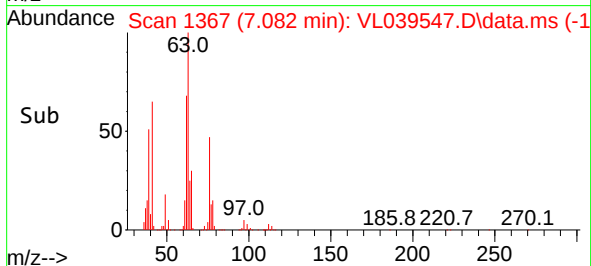
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



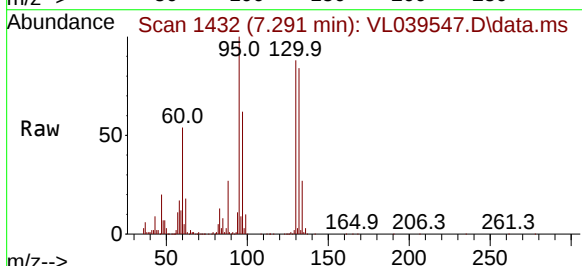
Tgt Ion: 63 Resp: 795010
Ion Ratio Lower Upper
63 100
41 72.8 58.0 87.0
62 67.8 57.8 86.8

Manual Integrations
APPROVED

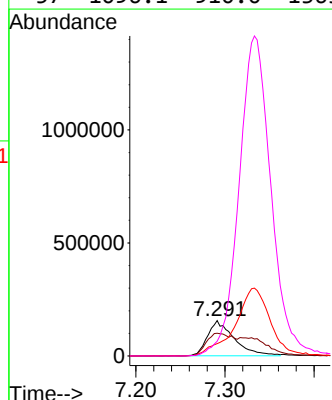
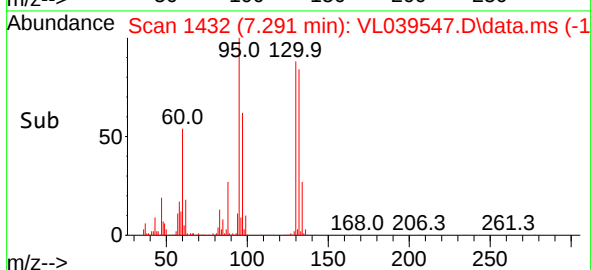
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

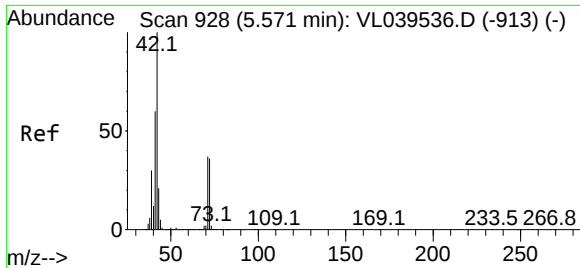


#40
1,4-Dioxane
Concen: 10.259 ppbv
RT: 7.291 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



Tgt Ion: 88 Resp: 324123
Ion Ratio Lower Upper
88 100
58 123.5 102.8 154.2
43 254.6 216.2 324.2
57 1096.1 910.0 1365.0





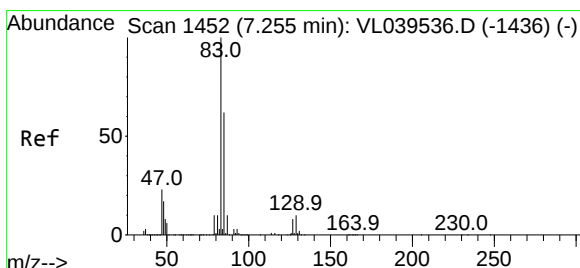
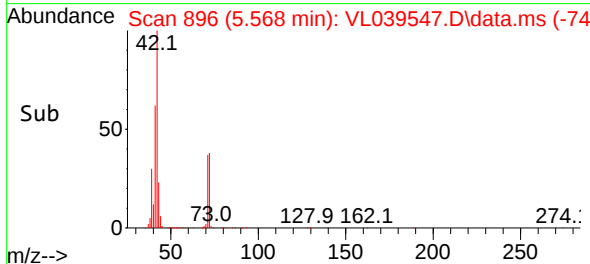
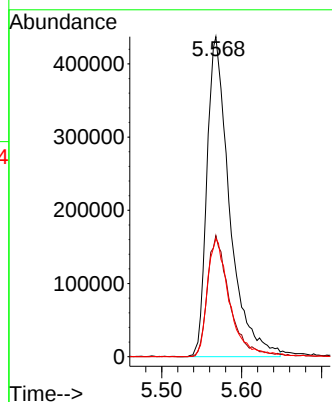
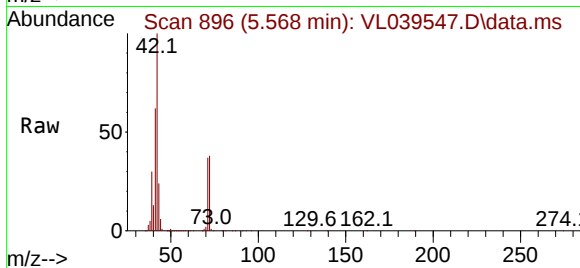
#41
Tetrahydrofuran
Concen: 10.422 ppbv
RT: 5.568 min Scan# 896
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

Tgt Ion: 42 Resp: 859358
Ion Ratio Lower Upper
42 100
72 37.5 30.6 45.8
71 36.9 30.7 46.1

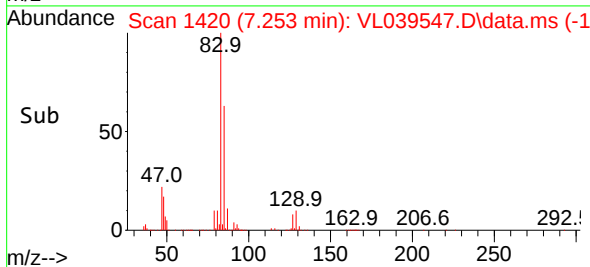
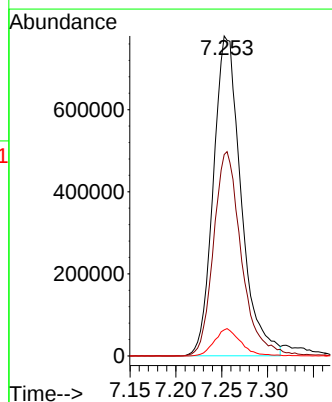
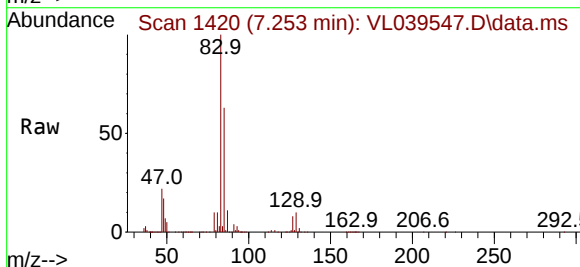
Manual Integrations
APPROVED

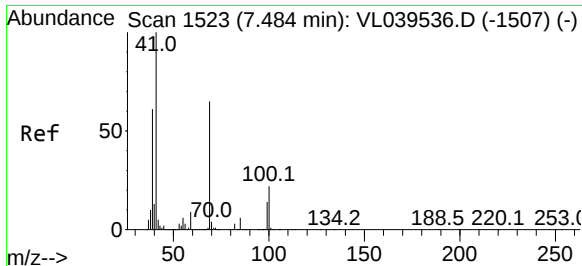
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#42
Bromodichloromethane
Concen: 10.130 ppbv
RT: 7.253 min Scan# 1420
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

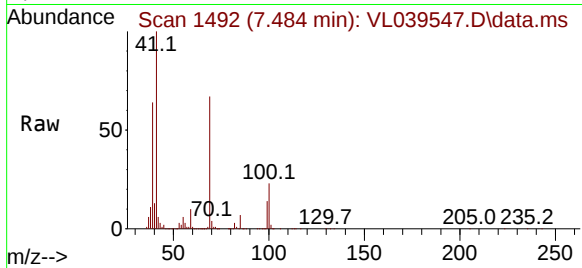
Tgt Ion: 83 Resp: 1634090
Ion Ratio Lower Upper
83 100
85 63.0 49.9 74.9
127 8.2 6.7 10.1





#43
Methyl Methacrylate
Concen: 10.630 ppbv
RT: 7.484 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

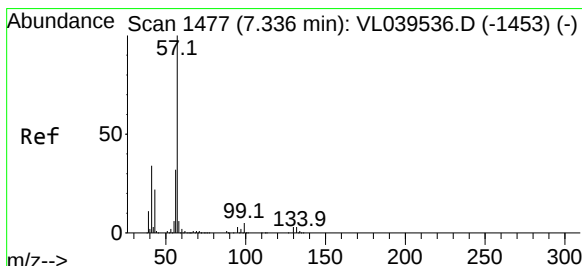
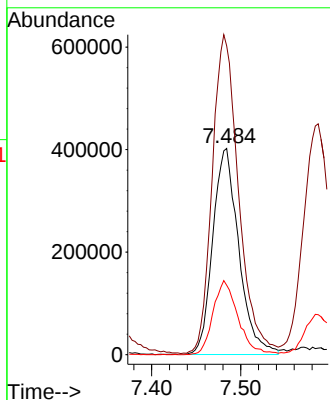
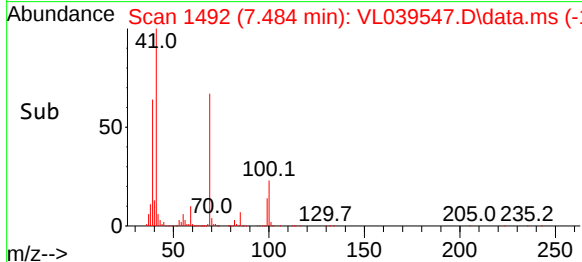
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



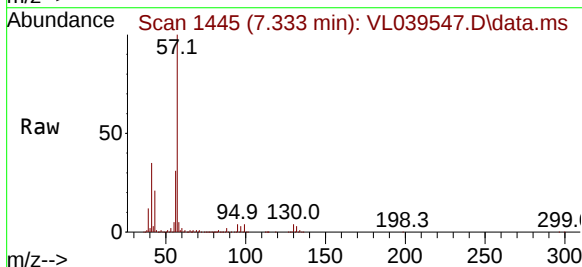
Tgt Ion: 69 Resp: 81781
Ion Ratio Lower Upper
69 100
41 157.2 123.0 184.6
100 34.4 27.4 41.2

Manual Integrations
APPROVED

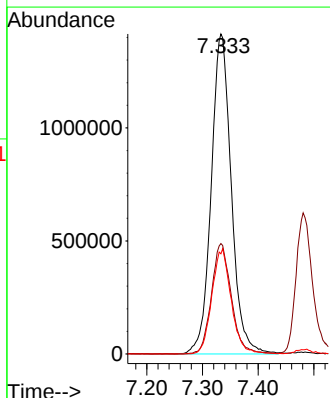
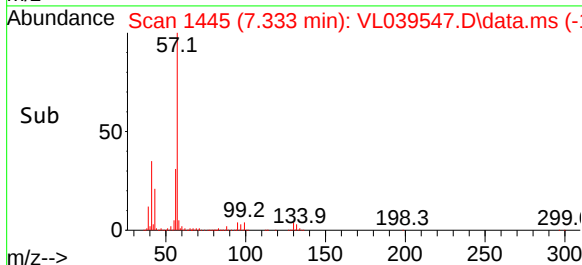
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

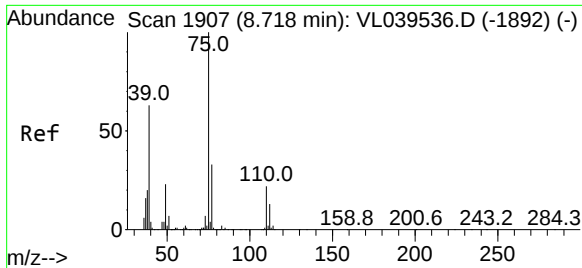


#44
2,2,4-Trimethylpentane
Concen: 9.917 ppbv
RT: 7.333 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



Tgt Ion: 57 Resp: 3549872
Ion Ratio Lower Upper
57 100
41 34.1 27.8 41.6
56 31.6 25.5 38.3





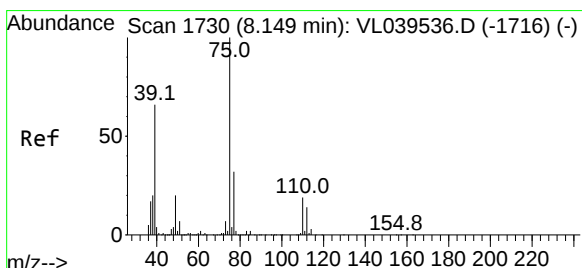
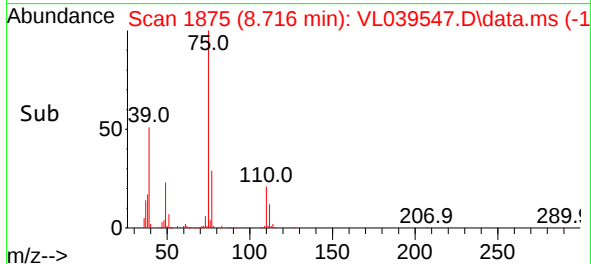
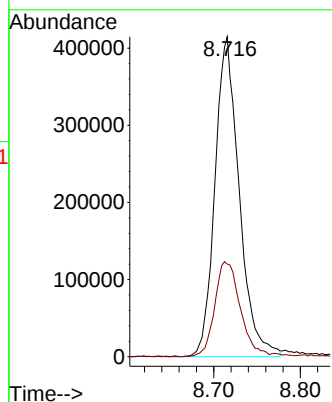
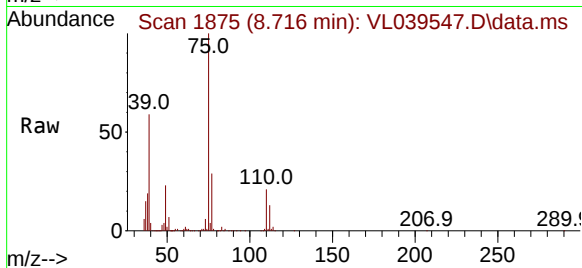
#45
t-1,3-Dichloropropene
Concen: 11.927 ppbv
RT: 8.716 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument : MSVOA_L
ClientSampleId : VL0817ABS01

Tgt Ion: 75 Resp: 806989
Ion Ratio Lower Upper
75 100
77 29.0 26.2 39.2

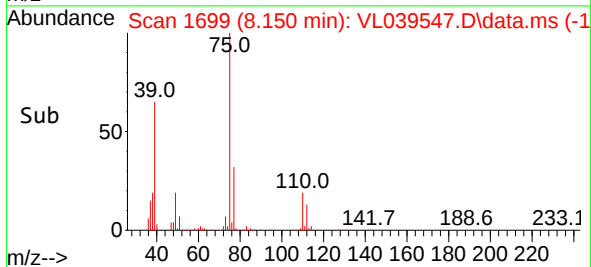
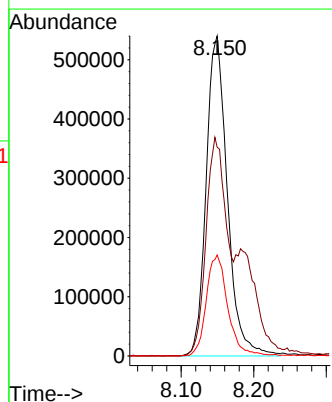
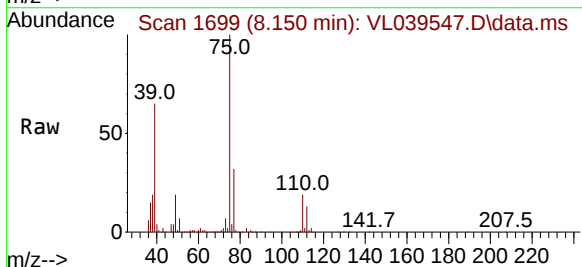
Manual Integrations
APPROVED

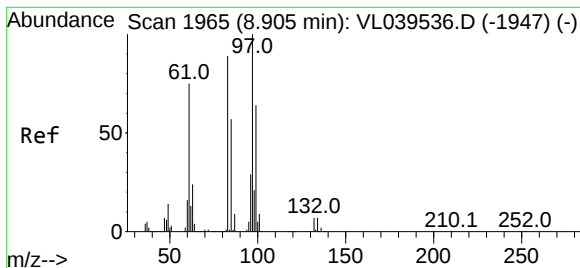
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#46
cis-1,3-Dichloropropene
Concen: 11.759 ppbv
RT: 8.150 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

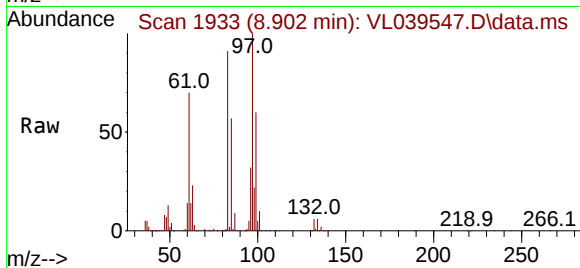
Tgt Ion: 75 Resp: 1094796
Ion Ratio Lower Upper
75 100
39 65.2 52.8 79.2
77 31.5 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.345 ppbv
RT: 8.902 min Scan# 1965
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

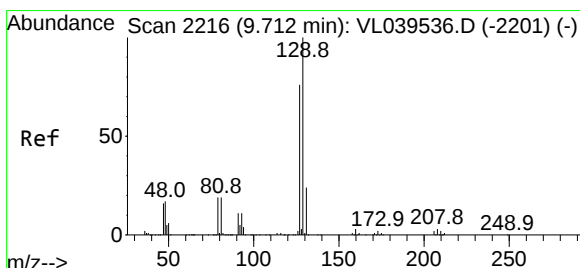
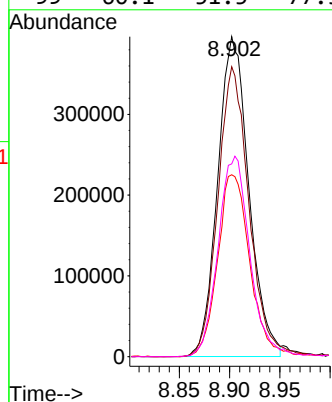
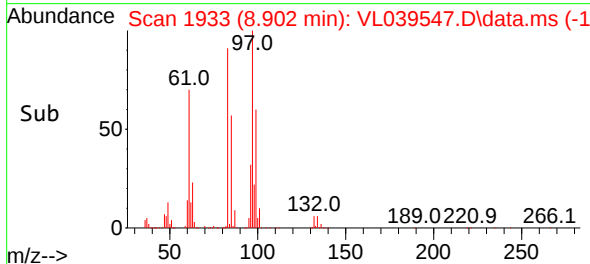
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



Tgt Ion: 97 Resp: 85275
Ion Ratio Lower Upper
97 100
83 90.7 70.8 106.2
85 56.9 45.4 68.2
99 60.1 51.5 77.3

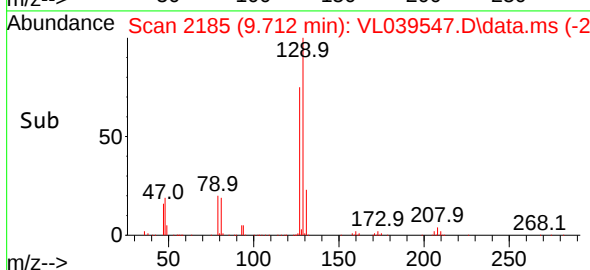
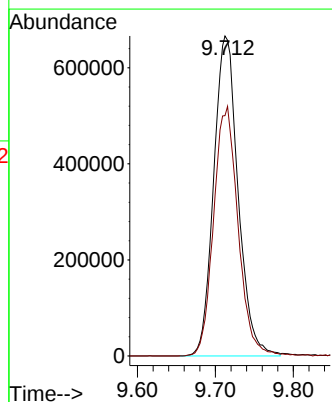
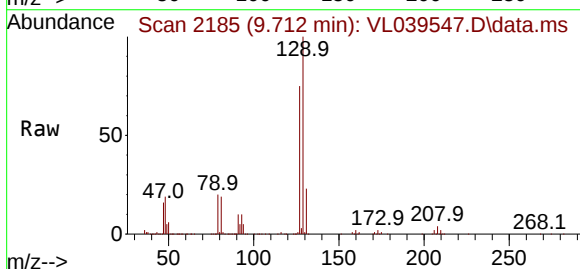
Manual Integrations
APPROVED

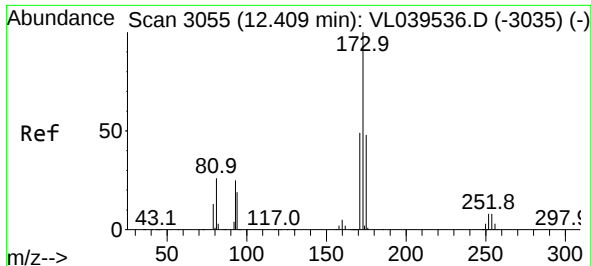
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#48
Dibromochloromethane
Concen: 10.698 ppbv
RT: 9.712 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

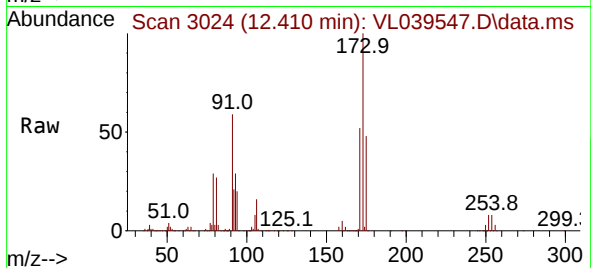
Tgt Ion:129 Resp: 1451464
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.3





#49
Bromoform
Concen: 10.653 ppbv
RT: 12.410 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

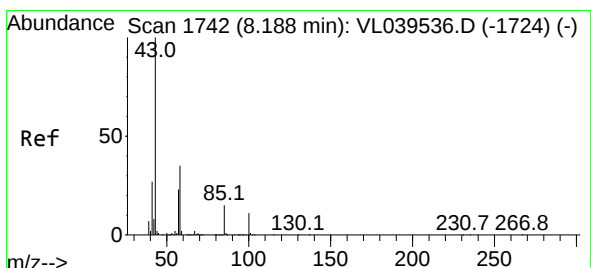
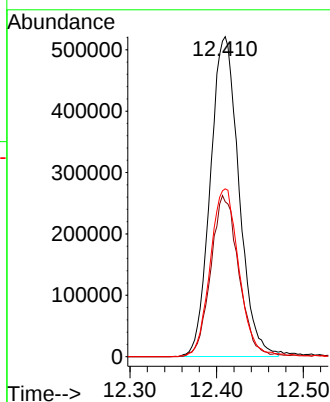
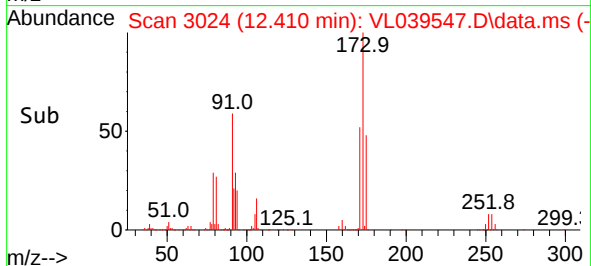
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



Tgt Ion:173 Resp: 119559
Ion Ratio Lower Upper
173 100
175 49.6 0.0 0.0
171 53.1 0.0 0.0

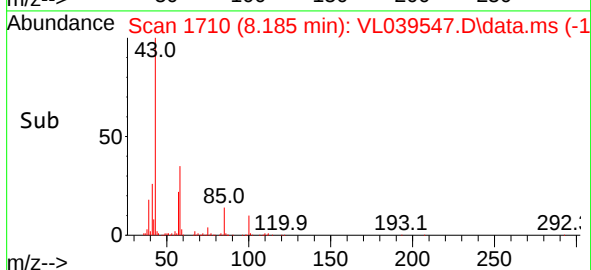
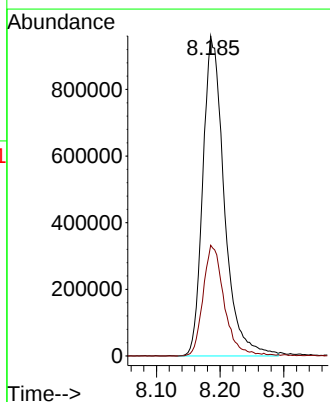
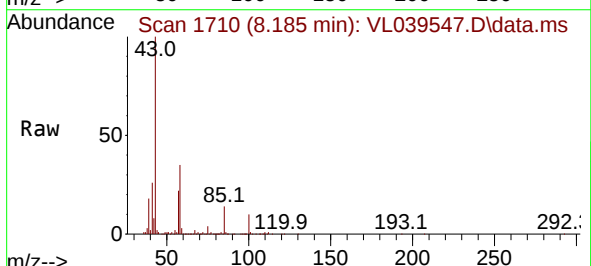
Manual Integrations
APPROVED

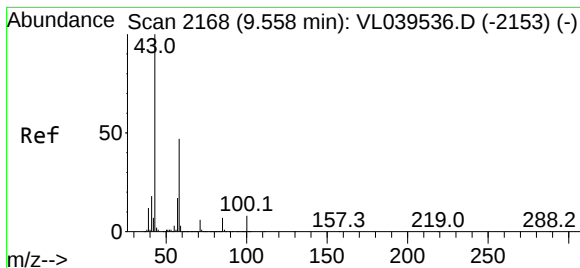
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#50
4-Methyl-2-Pentanone
Concen: 10.416 ppbv
RT: 8.185 min Scan# 1710
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

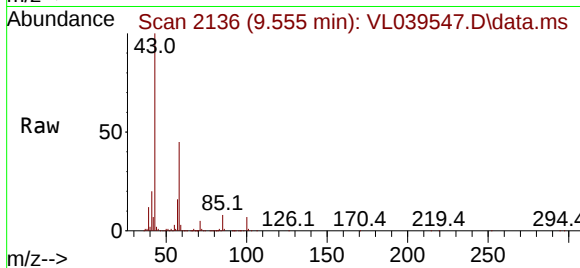
Tgt Ion: 43 Resp: 2246072
Ion Ratio Lower Upper
43 100
58 34.5 28.0 42.0





#51
2-Hexanone
Concen: 10.932 ppbv
RT: 9.555 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

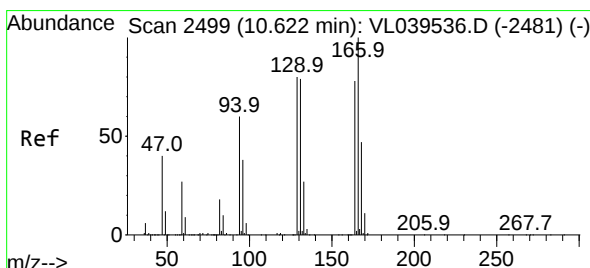
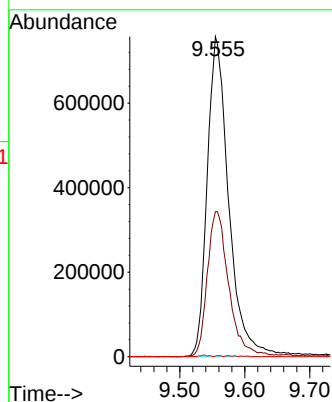
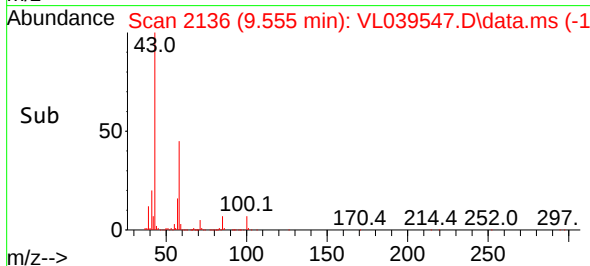
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



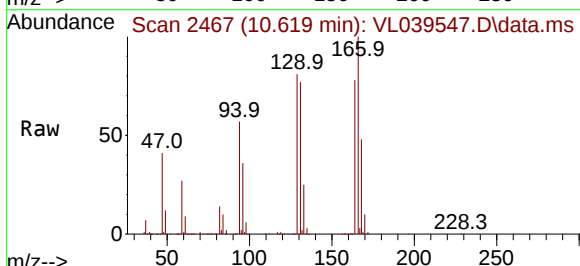
Tgt Ion: 43 Resp: 1737628
Ion Ratio Lower Upper
43 100
58 46.1 37.5 56.3
98 0.3 0.5 0.7

Manual Integrations
APPROVED

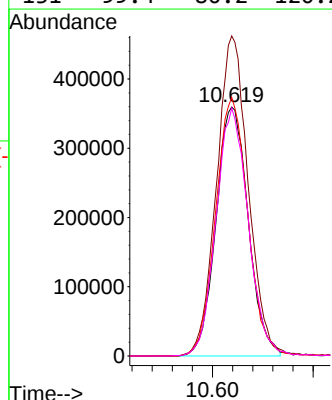
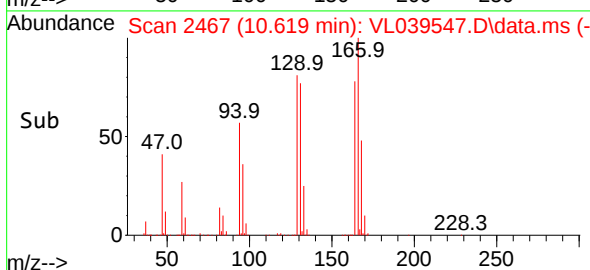
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

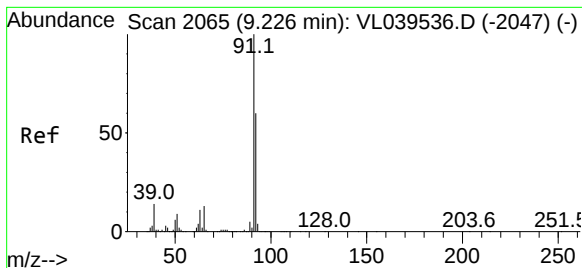


#52
Tetrachloroethene
Concen: 9.594 ppbv
RT: 10.619 min Scan# 2467
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



Tgt Ion:164 Resp: 798526
Ion Ratio Lower Upper
164 100
166 128.3 102.0 153.0
129 103.7 81.7 122.5
131 99.4 80.2 120.2





#53

Toluene

Concen: 10.411 ppbv

RT: 9.227 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS01

Tgt Ion: 91 Resp: 2478360

Ion Ratio Lower Upper

91 100

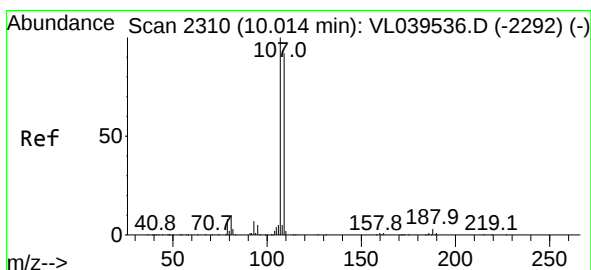
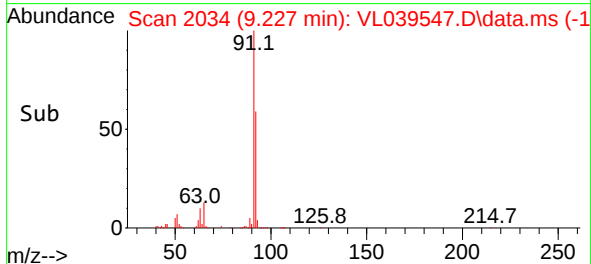
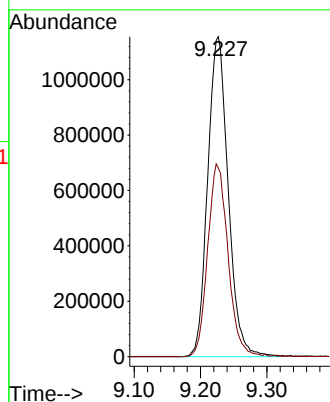
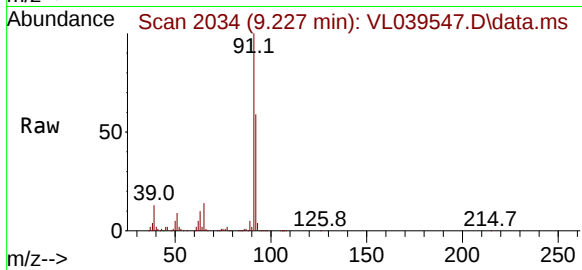
92 60.0 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#54

1,2-Dibromoethane

Concen: 10.138 ppbv

RT: 10.015 min Scan# 2279

Delta R.T. 0.000 min

Lab File: VL039547.D

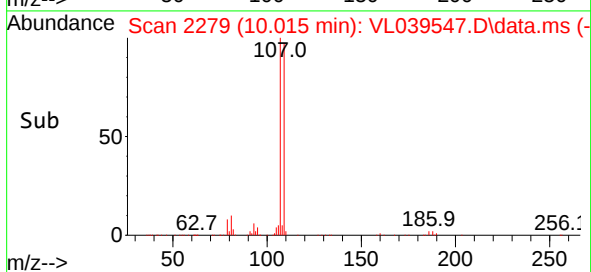
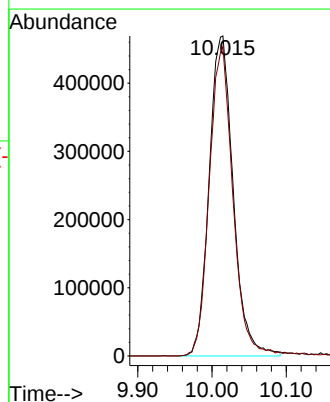
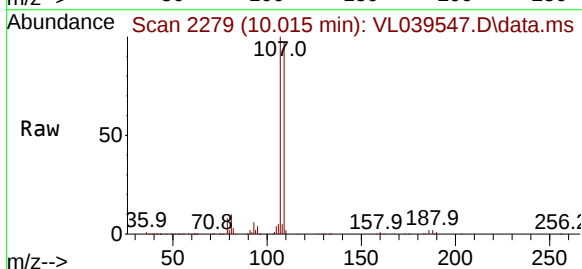
Acq: 17 Aug 2022 13:56

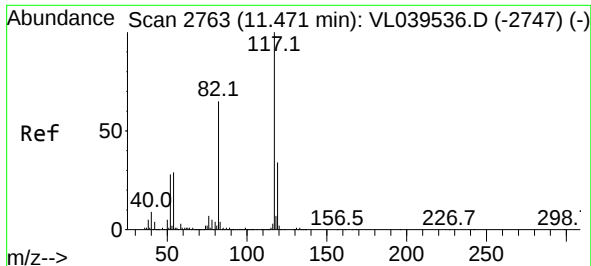
Tgt Ion:107 Resp: 1055350

Ion Ratio Lower Upper

107 100

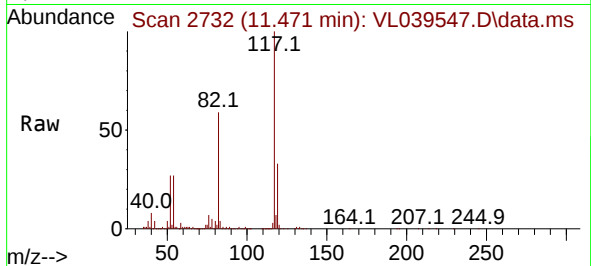
109 96.6 73.4 110.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.471 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

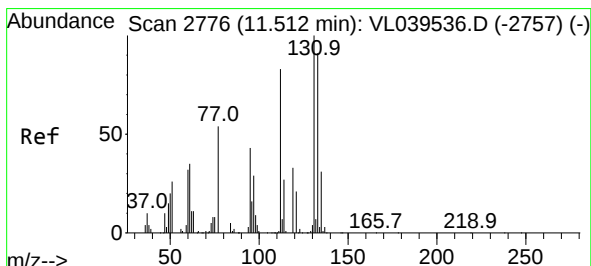
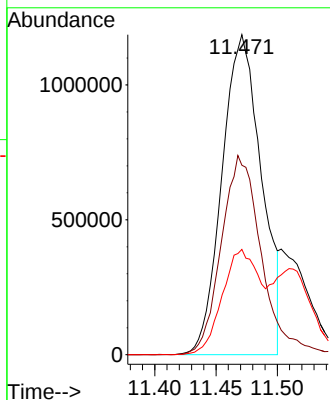
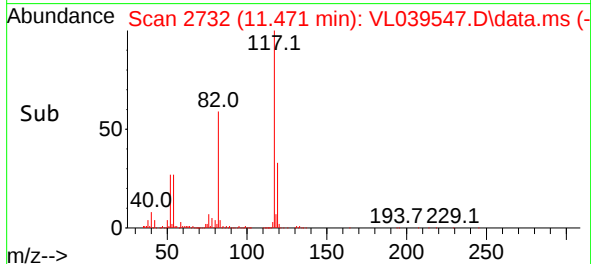
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



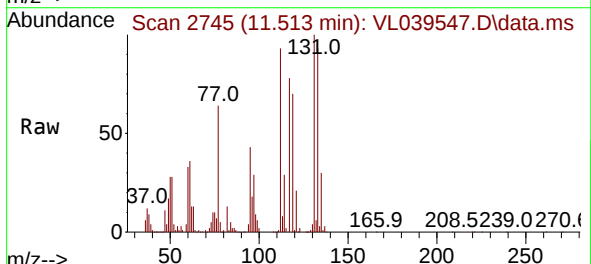
Tgt Ion:117 Resp: 265862
Ion Ratio Lower Upper
117 100
82 64.0 49.1 73.7
119 32.8 25.9 38.9

Manual Integrations
APPROVED

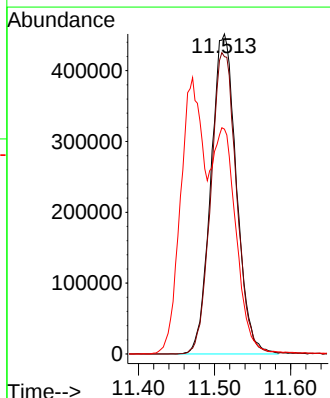
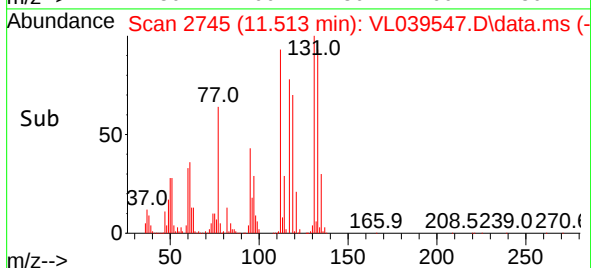
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

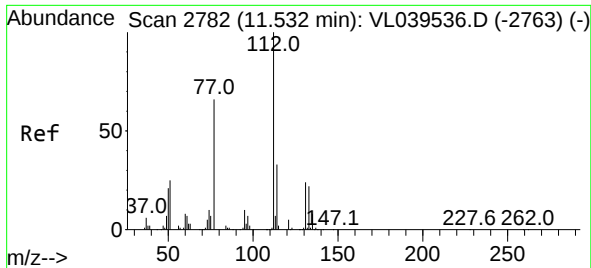


#56
1,1,1,2-Tetrachloroethane
Concen: 9.611 ppbv
RT: 11.513 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



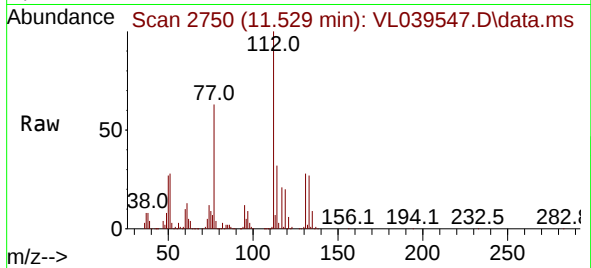
Tgt Ion:131 Resp: 1051708
Ion Ratio Lower Upper
131 100
133 95.0 75.4 113.2
119 63.8 47.4 71.2





#57
Chlorobenzene
Concen: 9.424 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

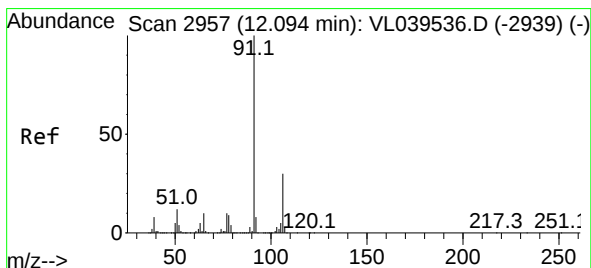
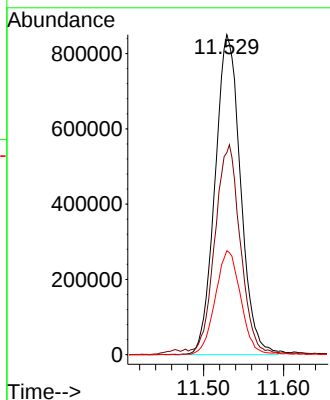
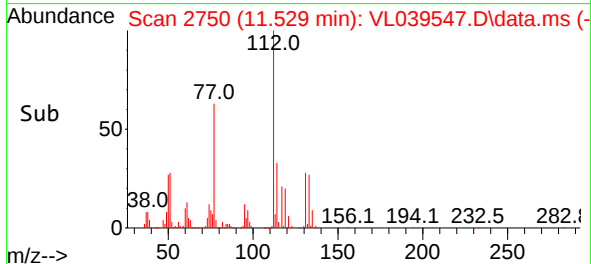
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



Tgt Ion: 112 Resp: 1883659
Ion Ratio Lower Upper
112 100
77 62.5 53.4 80.0
114 32.5 29.5 36.1

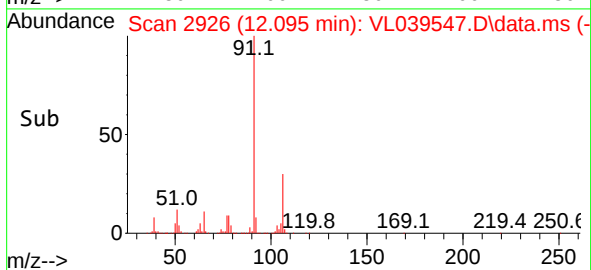
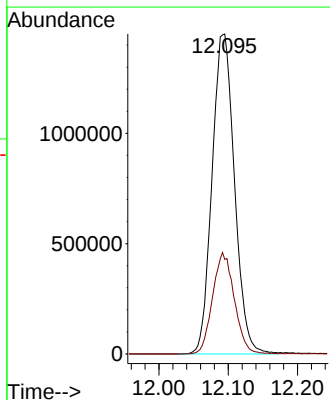
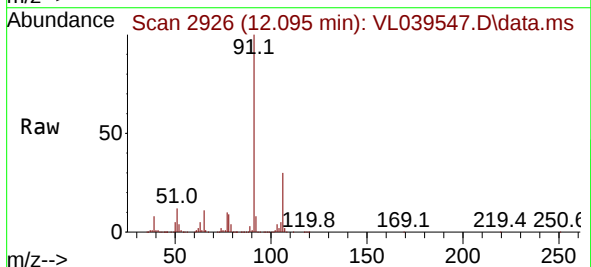
Manual Integrations
APPROVED

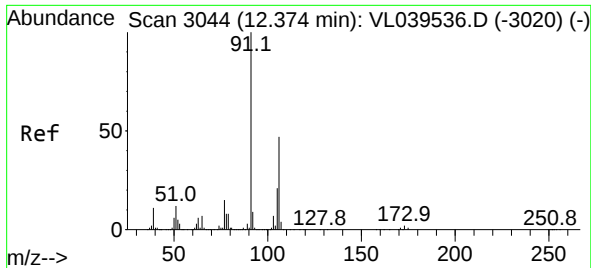
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#58
Ethyl Benzene
Concen: 10.602 ppbv
RT: 12.095 min Scan# 2926
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 91 Resp: 3263995
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4





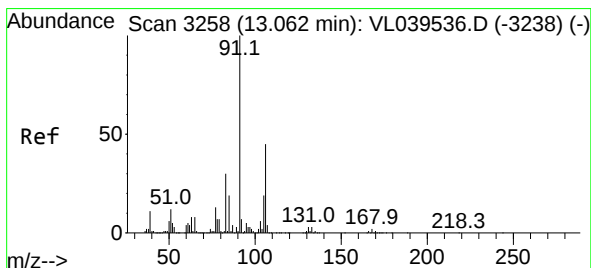
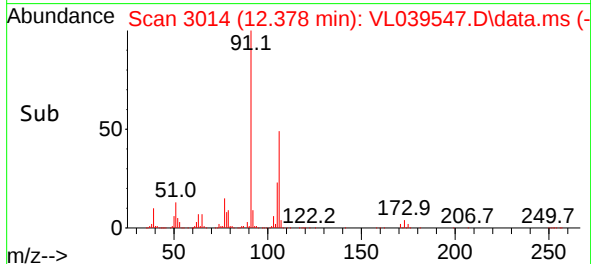
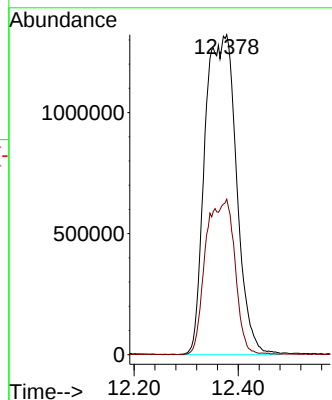
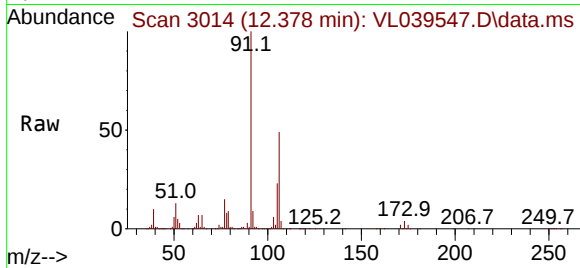
#59
m/p-Xylene
Concen: 19.983 ppbv m
RT: 12.378 min Scan# 3044
Delta R.T. 0.004 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

Tgt Ion: 91 Resp: 553139
Ion Ratio Lower Upper
91 100
106 44.9 0.0 0.0

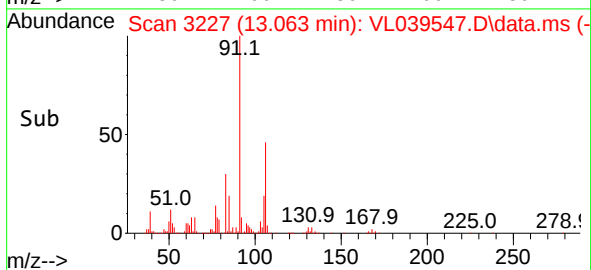
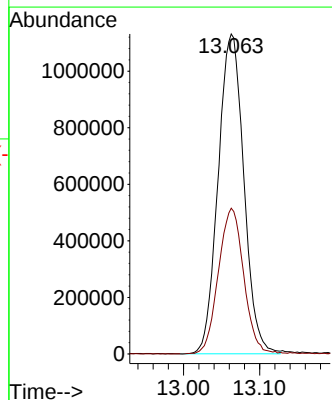
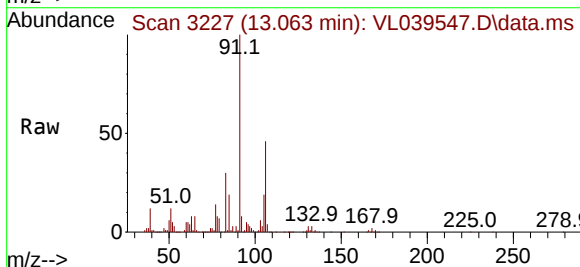
Manual Integrations
APPROVED

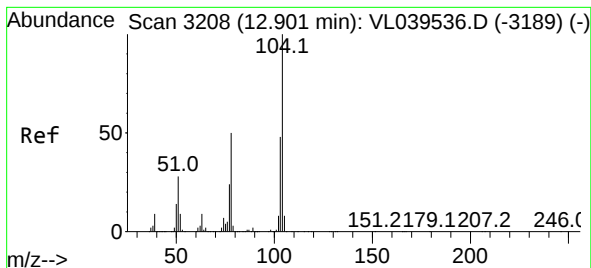
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#60
o-Xylene
Concen: 9.989 ppbv
RT: 13.063 min Scan# 3227
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion: 91 Resp: 2650961
Ion Ratio Lower Upper
91 100
106 45.4 22.7 68.0





#61

Styrene

Concen: 11.423 ppbv

RT: 12.899 min Scan# 3176

Delta R.T. -0.003 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS01

Tgt Ion:104 Resp: 161733

Ion Ratio Lower Upper

104 100

78 49.9 40.0 60.0

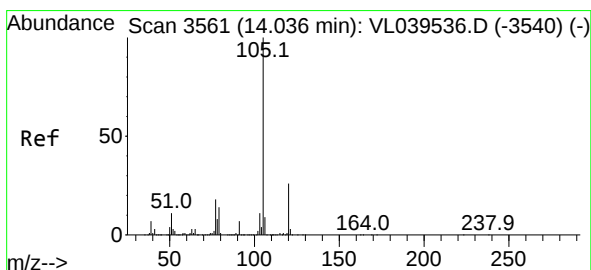
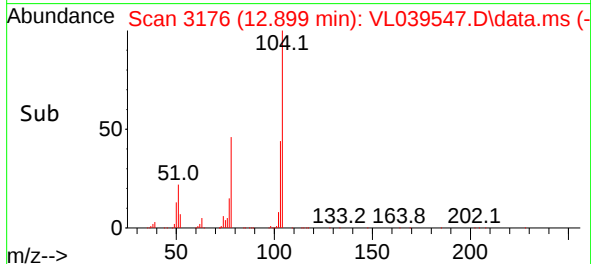
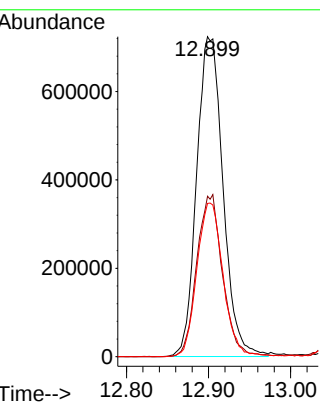
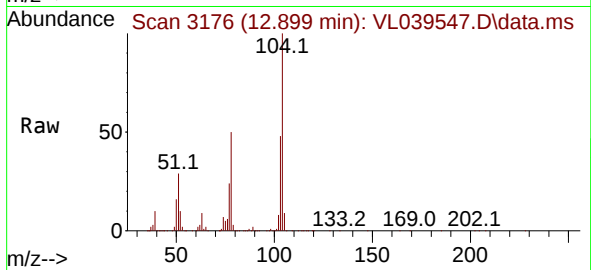
103 47.8 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#62

Isopropylbenzene

Concen: 9.604 ppbv

RT: 14.034 min Scan# 3529

Delta R.T. -0.003 min

Lab File: VL039547.D

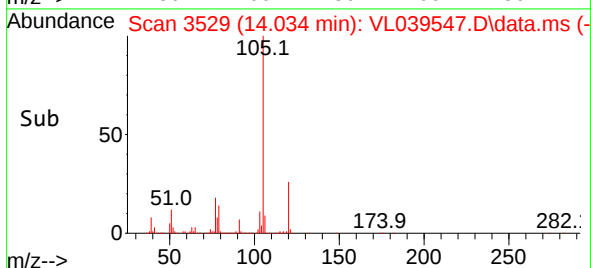
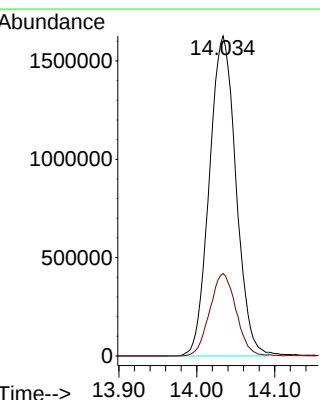
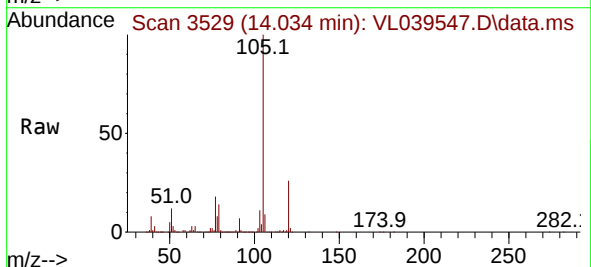
Acq: 17 Aug 2022 13:56

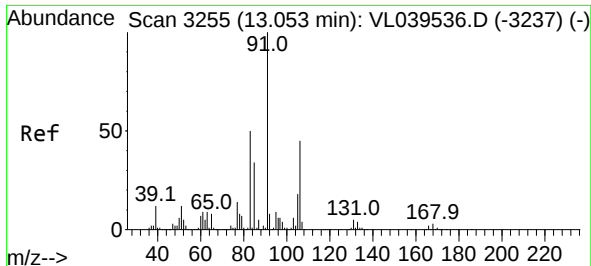
Tgt Ion:105 Resp: 3857320

Ion Ratio Lower Upper

105 100

120 25.7 20.6 30.8





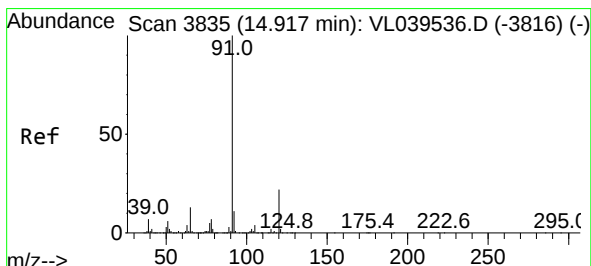
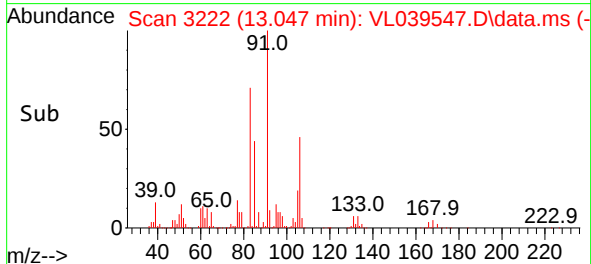
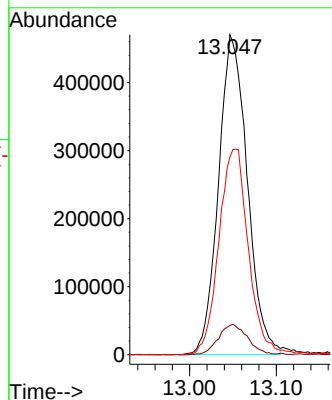
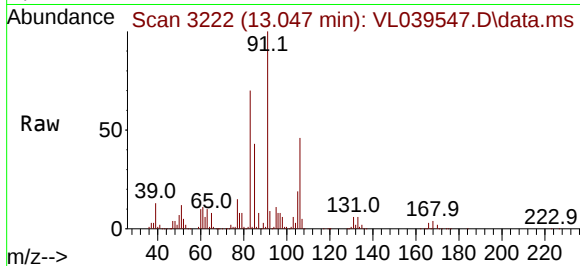
#63
1,1,2,2-Tetrachloroethane
Concen: 8.133 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

Tgt Ion: 83 Resp: 108536
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 66.3 33.2 99.6

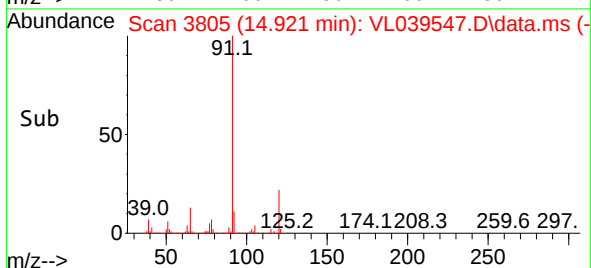
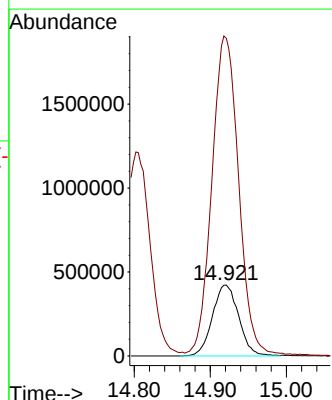
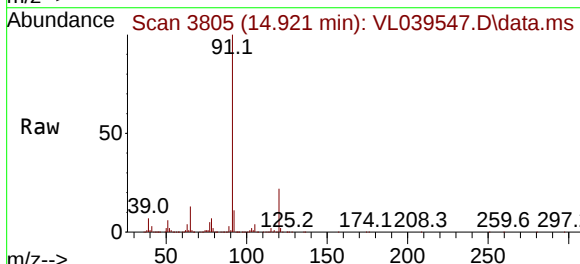
Manual Integrations
APPROVED

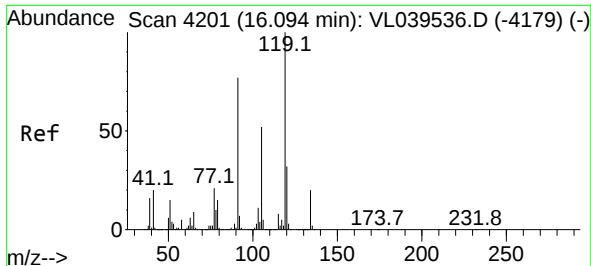
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#64
n-propylbenzene
Concen: 9.685 ppbv
RT: 14.921 min Scan# 3805
Delta R.T. 0.004 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Tgt Ion:120 Resp: 1014264
Ion Ratio Lower Upper
120 100
91 461.6 372.6 559.0





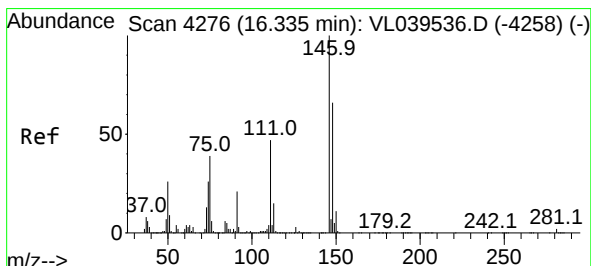
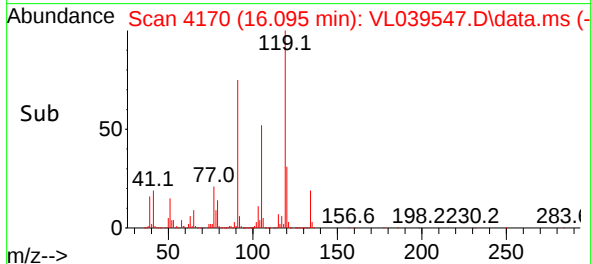
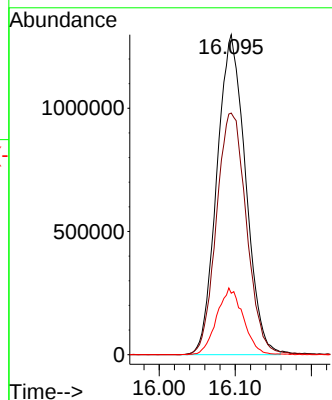
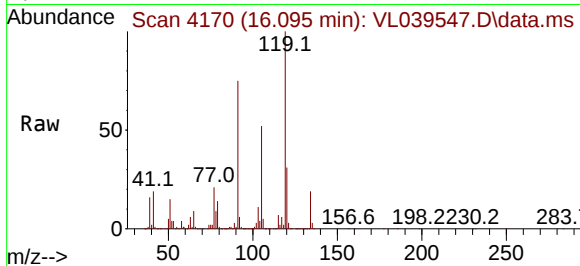
#65
tert-Butylbenzene
Concen: 9.490 ppbv
RT: 16.095 min Scan# 4170
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01

Tgt Ion: 119 Resp: 3398310
Ion Ratio Lower Upper
119 100
91 79.1 63.8 95.8
134 19.4 15.4 23.2

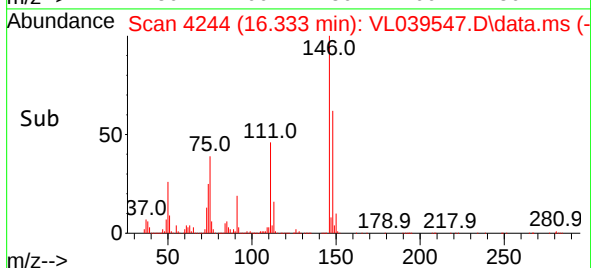
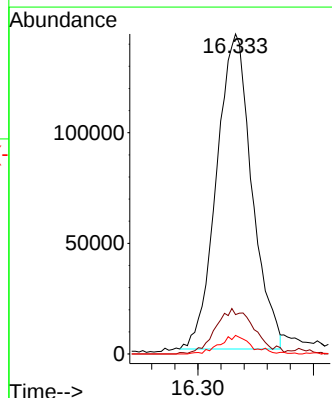
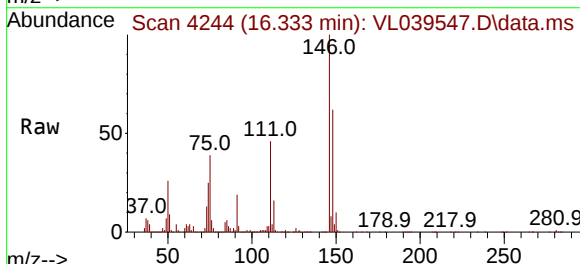
Manual Integrations
APPROVED

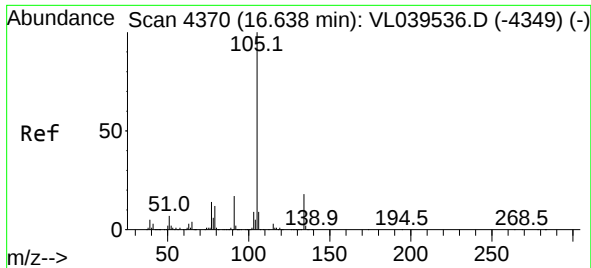
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#66
Benzyl Chloride
Concen: 9.839 ppbv
RT: 16.333 min Scan# 4244
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

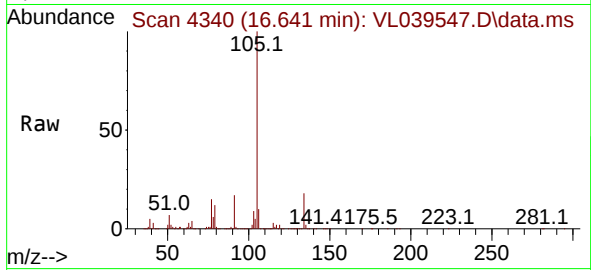
Tgt Ion: 91 Resp: 302303
Ion Ratio Lower Upper
91 100
126 16.9 0.0 0.0#
128 5.3 1.5 2.3#





#67
 sec-Butylbenzene
 Concen: 9.319 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. 0.004 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56

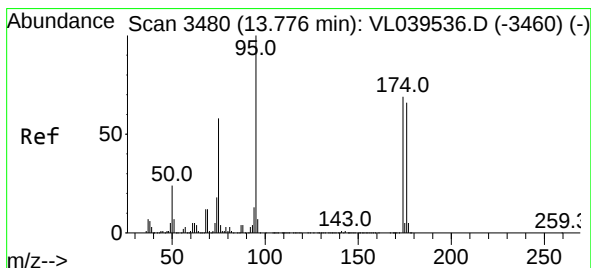
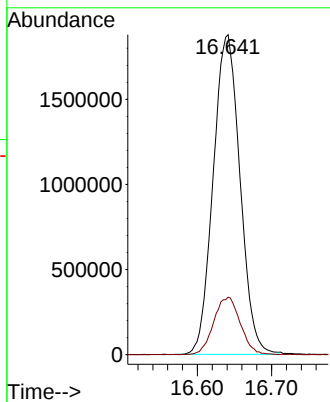
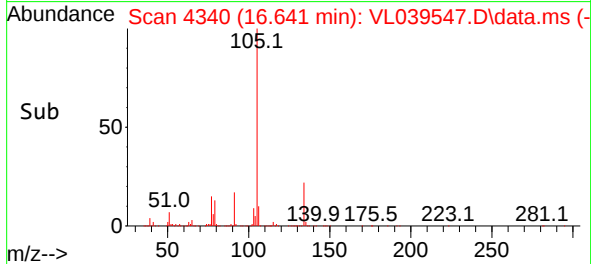
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABS01



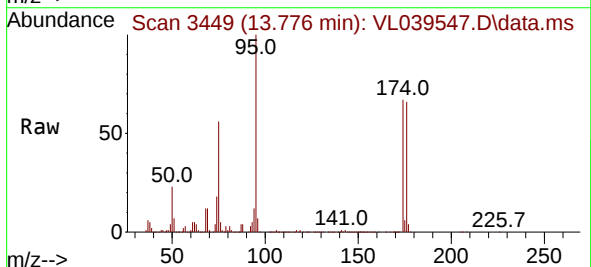
Tgt Ion:105 Resp: 4712424
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

Manual Integrations
 APPROVED

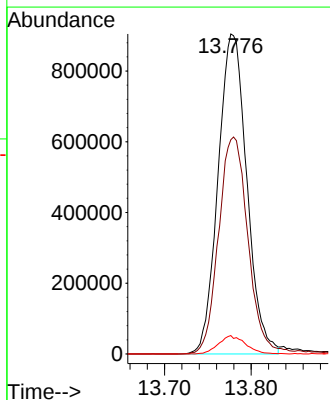
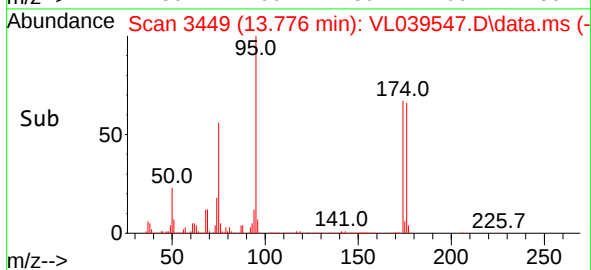
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

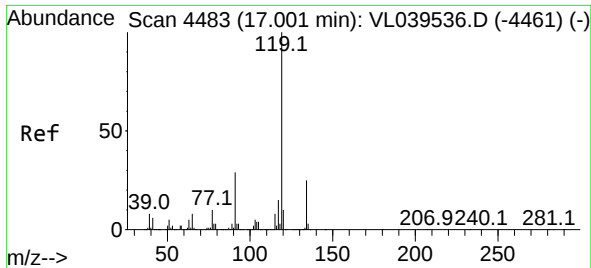


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.431 ppbv
 RT: 13.776 min Scan# 3449
 Delta R.T. 0.000 min
 Lab File: VL039547.D
 Acq: 17 Aug 2022 13:56



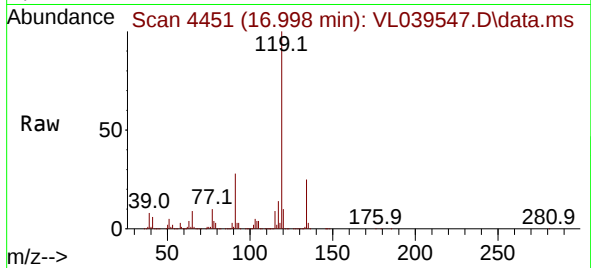
Tgt Ion: 95 Resp: 2087678
 Ion Ratio Lower Upper
 95 100
 174 70.6 56.3 84.5
 175 5.4 4.3 6.5





#69
p-Isopropyltoluene
Concen: 9.375 ppbv
RT: 16.998 min Scan# 4483
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

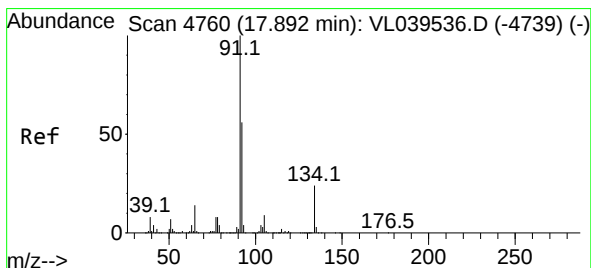
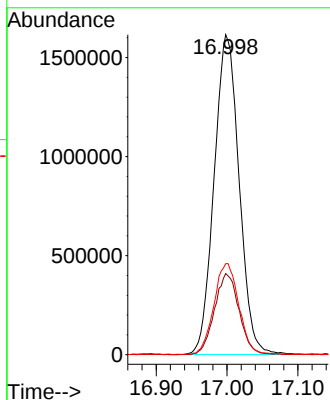
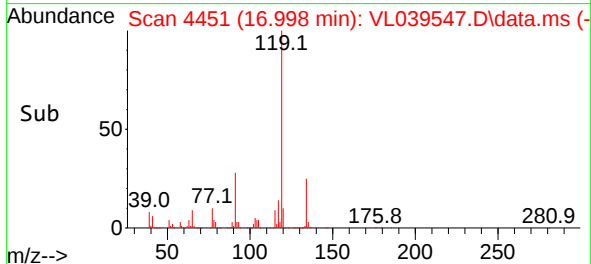
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



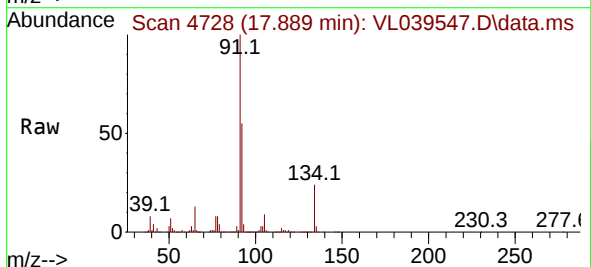
Tgt Ion: 119 Resp: 394952
Ion Ratio Lower Upper
119 100
134 25.0 19.8 29.6
91 28.5 22.6 33.8

Manual Integrations
APPROVED

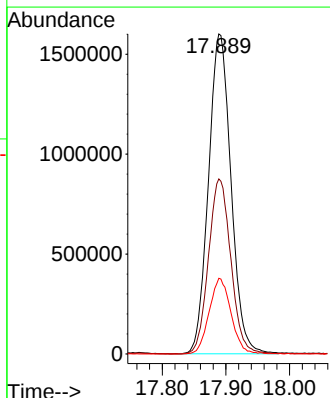
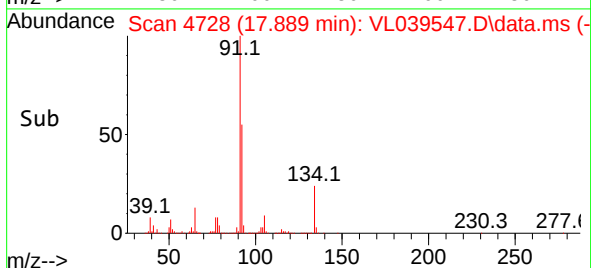
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

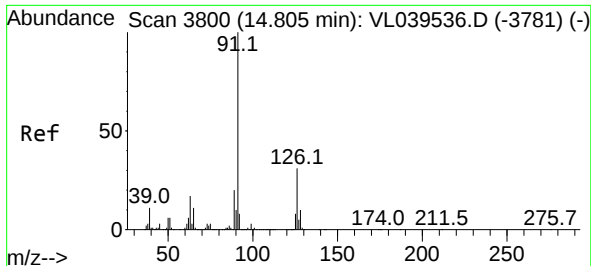


#70
n-Butylbenzene
Concen: 9.436 ppbv
RT: 17.889 min Scan# 4728
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



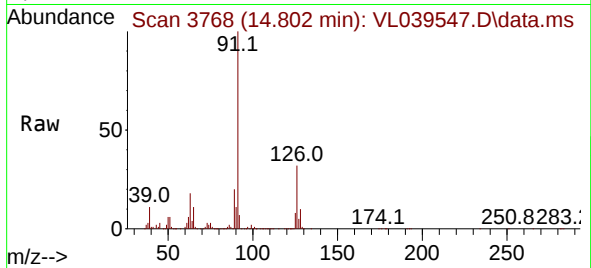
Tgt Ion: 91 Resp: 3946488
Ion Ratio Lower Upper
91 100
92 54.2 43.0 64.6
134 23.0 18.1 27.1





#71
2-Chlorotoluene
Concen: 9.807 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

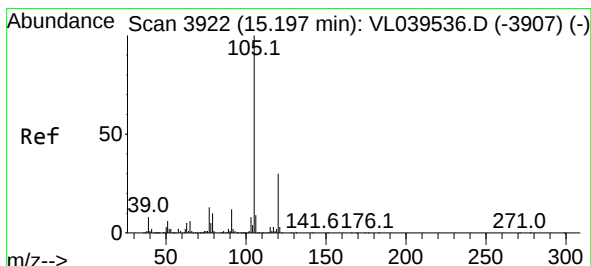
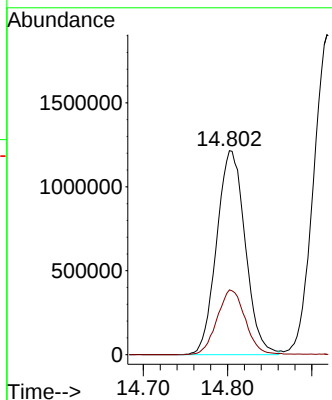
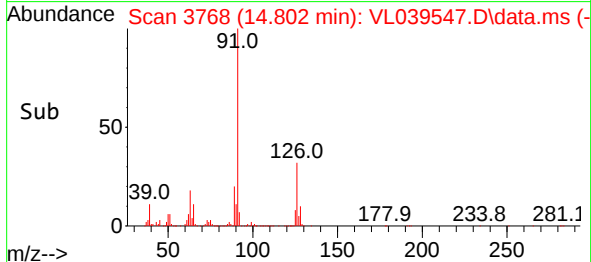
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



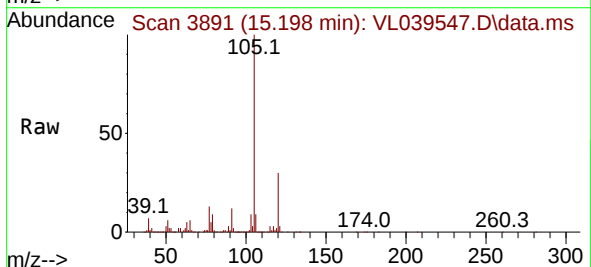
Tgt Ion: 91 Resp: 2854375
Ion Ratio Lower Upper
91 100
126 31.6 12.9 51.5

Manual Integrations
APPROVED

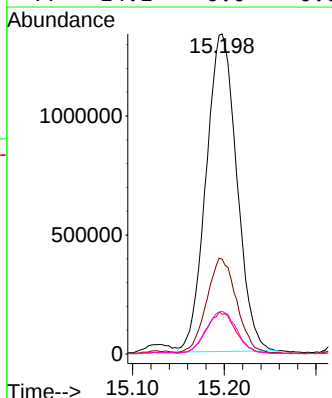
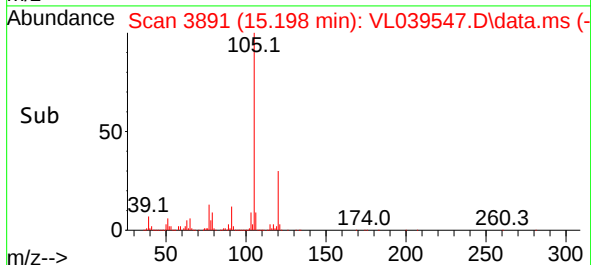
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

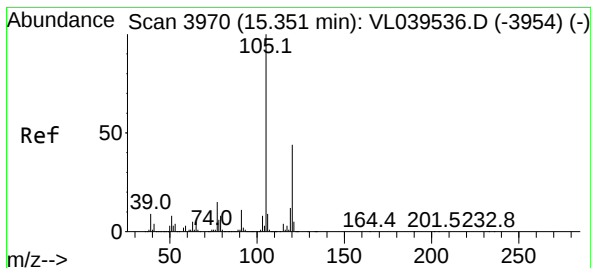


#72
4-Ethyltoluene
Concen: 9.964 ppbv
RT: 15.198 min Scan# 3891
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



Tgt Ion:105 Resp: 3106707
Ion Ratio Lower Upper
105 100
120 30.0 0.0 0.0#
91 13.0 0.0 0.0#
77 14.1 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 9.787 ppbv

RT: 15.352 min Scan# 3970

Delta R.T. 0.000 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS01

Tgt Ion:105 Resp: 2787110

Ion Ratio Lower Upper

105 100

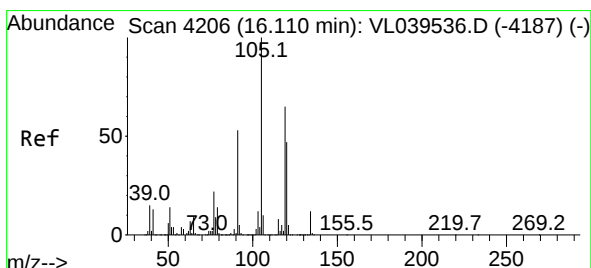
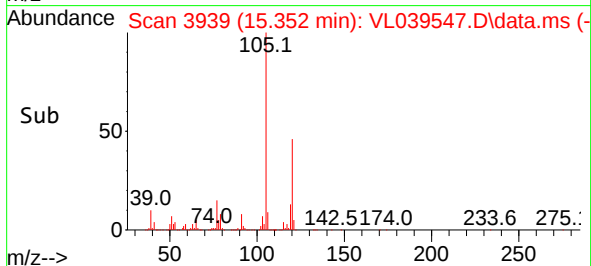
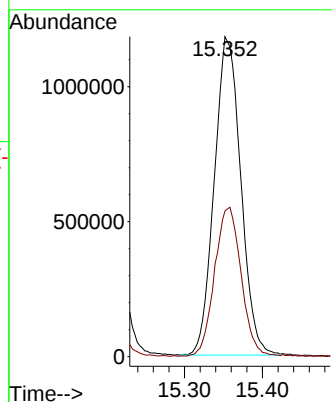
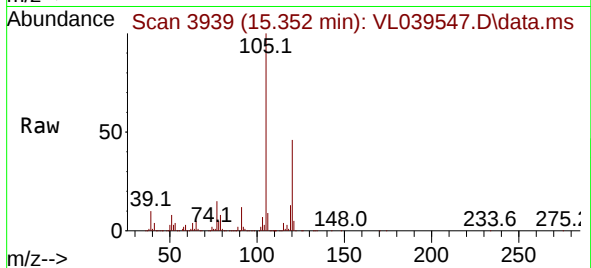
120 45.6 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.463 ppbv

RT: 16.114 min Scan# 4176

Delta R.T. 0.004 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

Tgt Ion:105 Resp: 3004617

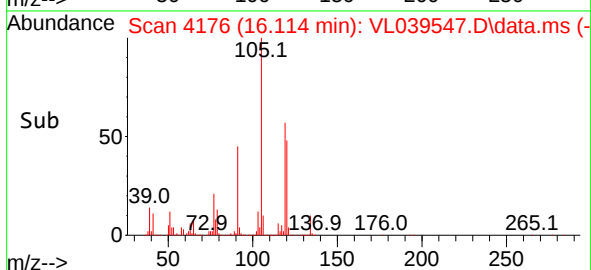
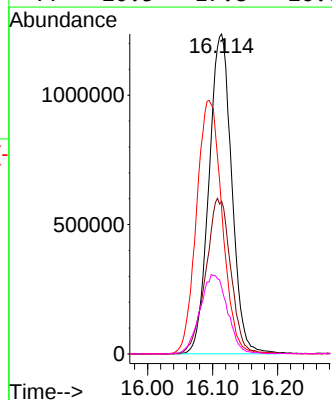
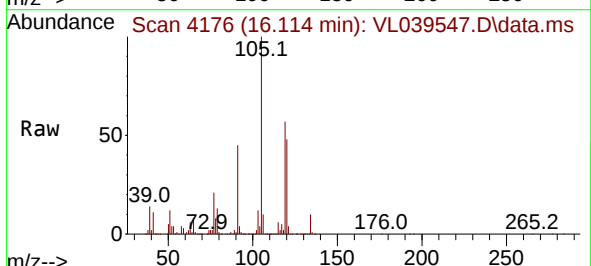
Ion Ratio Lower Upper

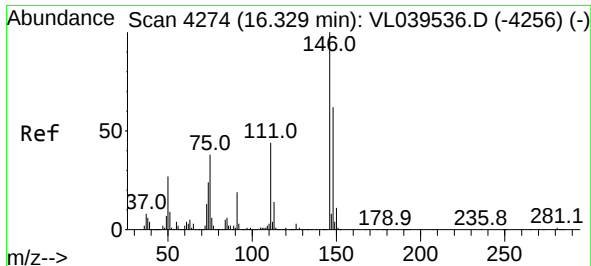
105 100

120 47.6 37.8 56.8

91 45.2 43.8 65.6

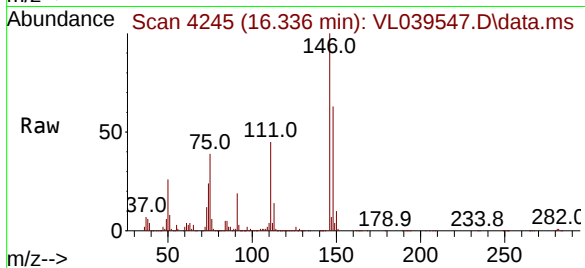
77 20.5 17.8 26.6





#75
1,3-Dichlorobenzene
Concen: 9.361 ppbv
RT: 16.336 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

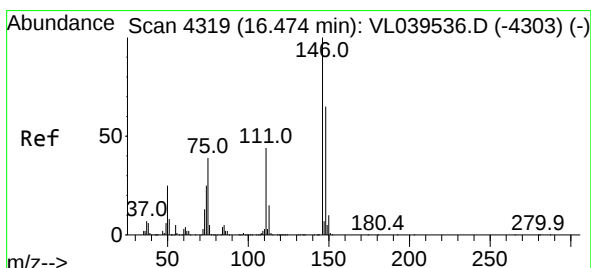
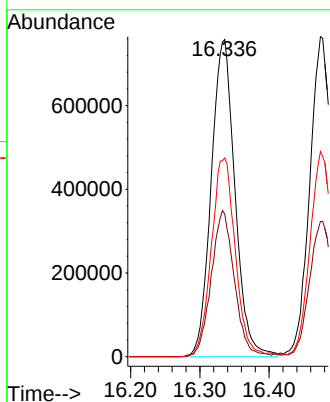
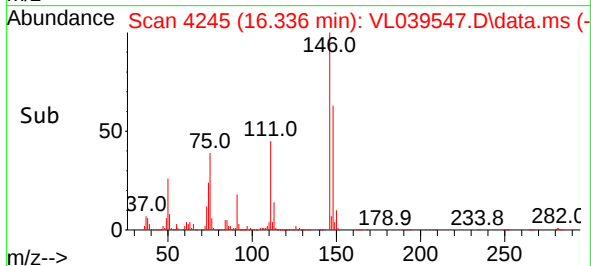
Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



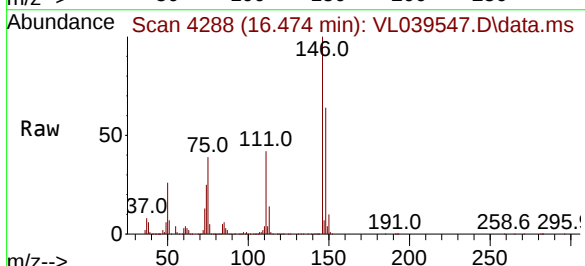
Tgt Ion:146 Resp: 1805490
Ion Ratio Lower Upper
146 100
111 45.1 22.9 68.5
148 63.6 32.4 97.0

Manual Integrations
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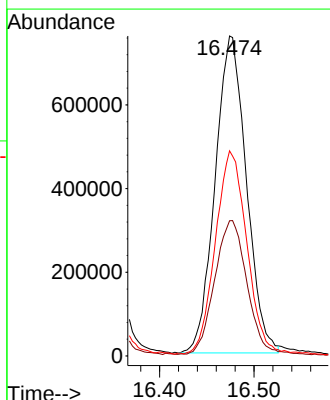
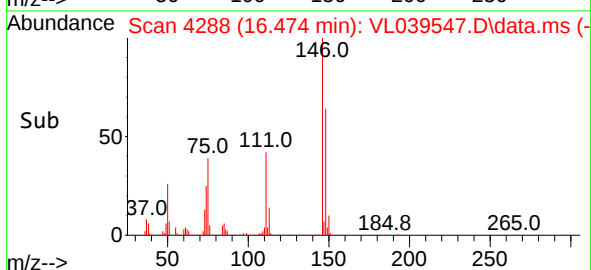
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

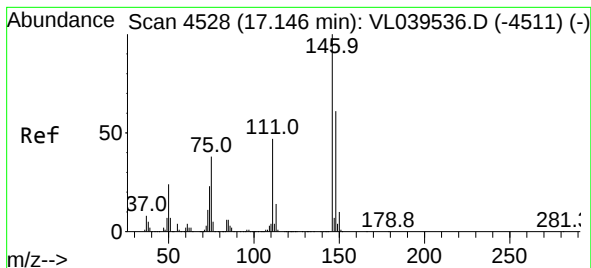


#76
1,4-Dichlorobenzene
Concen: 8.999 ppbv
RT: 16.474 min Scan# 4288
Delta R.T. 0.000 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56



Tgt Ion:146 Resp: 1738265
Ion Ratio Lower Upper
146 100
111 45.2 22.3 66.8
148 66.8 31.5 94.5





#77

1,2-Dichlorobenzene

Concen: 8.951 ppbv

RT: 17.146 min Scan# 4497

Delta R.T. 0.000 min

Lab File: VL039547.D

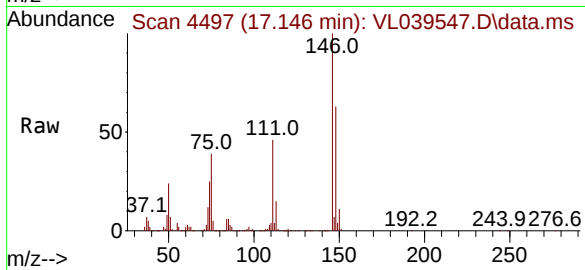
Acq: 17 Aug 2022 13:56

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS01



Tgt Ion:146 Resp: 1691734

Ion Ratio Lower Upper

146 100

111 46.7 23.9 71.8

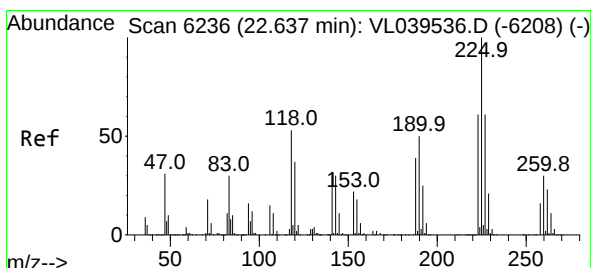
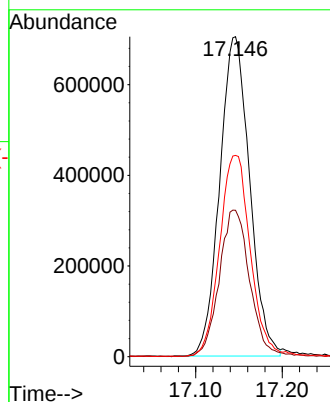
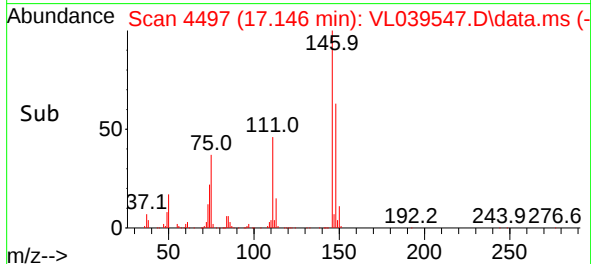
148 65.1 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.297 ppbv

RT: 22.635 min Scan# 6204

Delta R.T. -0.003 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

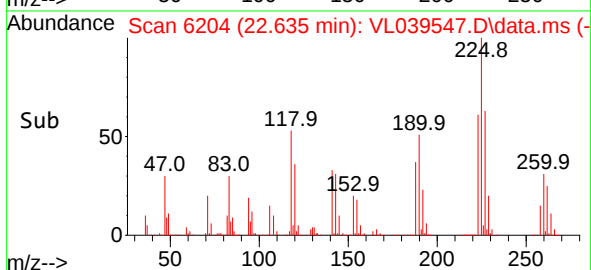
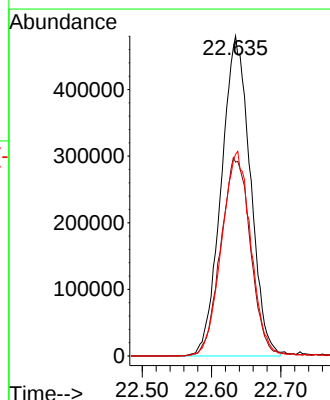
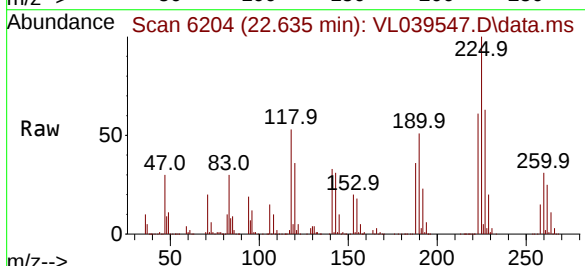
Tgt Ion:225 Resp: 1395775

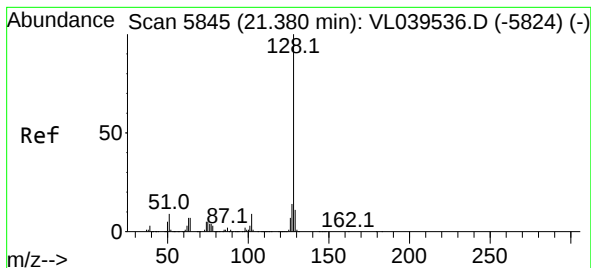
Ion Ratio Lower Upper

225 100

223 64.1 0.0 0.0#

227 64.8 0.0 0.0#





#79

Naphthalene

Concen: 12.963 ppbv

RT: 21.384 min Scan# 5845

Delta R.T. 0.004 min

Lab File: VL039547.D

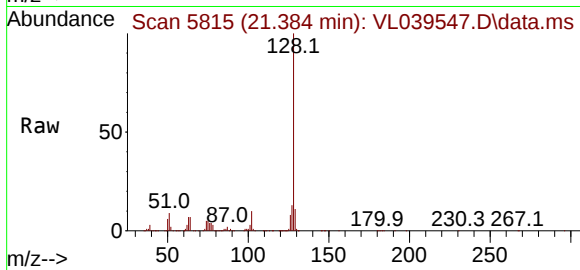
Acq: 17 Aug 2022 13:56

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABS01



Tgt Ion:128 Resp: 293056

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

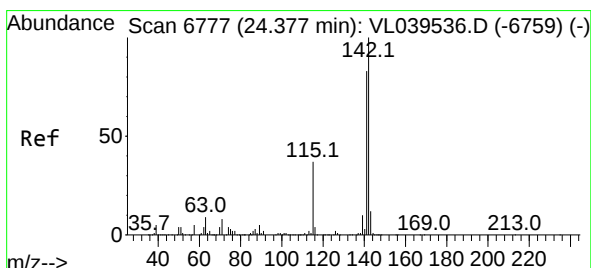
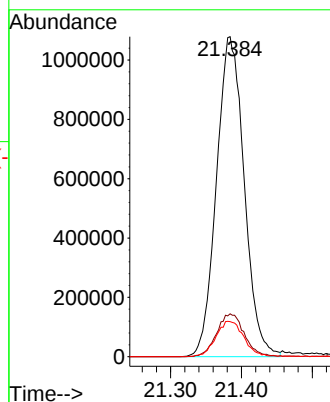
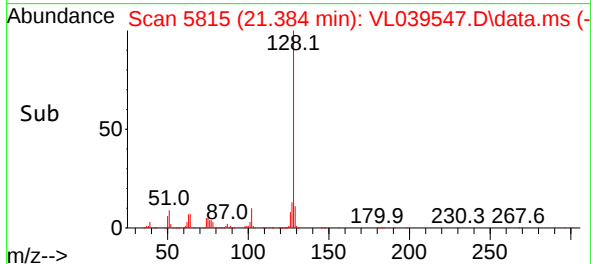
129 10.9 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#80

Naphthalene,2-methyl-

Concen: 14.612 ppbv

RT: 24.381 min Scan# 6747

Delta R.T. 0.004 min

Lab File: VL039547.D

Acq: 17 Aug 2022 13:56

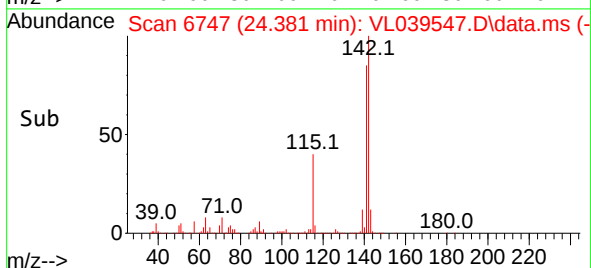
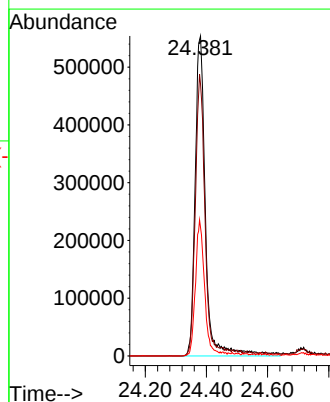
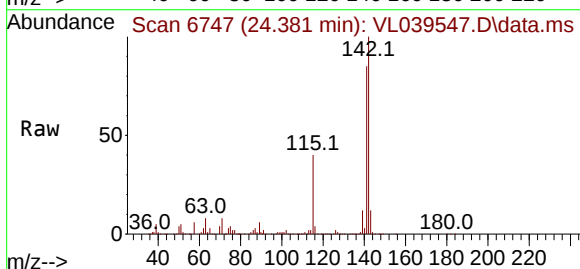
Tgt Ion:142 Resp: 1305396

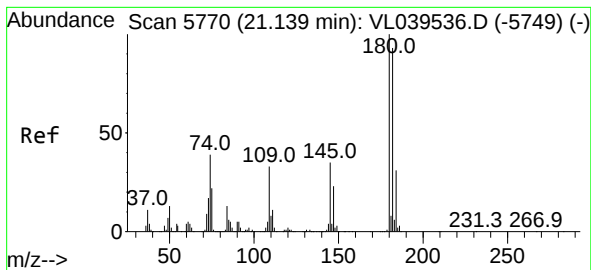
Ion Ratio Lower Upper

142 100

141 84.6 0.0 0.0#

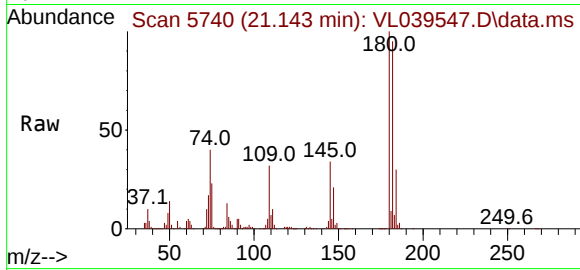
115 37.8 0.0 0.0#





#81
1,2,4-Trichlorobenzene
Concen: 10.773 ppbv
RT: 21.143 min Scan# 51
Delta R.T. 0.004 min
Lab File: VL039547.D
Acq: 17 Aug 2022 13:56

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS01



Tgt Ion:180 Resp: 162345
Ion Ratio Lower Upper
180 100
182 96.7 0.0 0.0
184 30.8 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

