

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039538.D
 Acq On : 17 Aug 2022 4:56
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 05:29:00 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 2022

QLast Update : Wed Aug 17 04:35:27 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.204	49	1099287	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2948684	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.467	117	2739517	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.776 95 2077952 10.216 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.751	85	192381m	1.241	ppbv	
3) Chlorodifluoromethane	2.696	51	144892	1.049	ppbv	96
4) Chloromethane	2.831	50	85024	1.106	ppbv	90
5) Vinyl Chloride	2.940	62	69090	0.923	ppbv	98
6) Bromomethane	3.143	94	30454m	0.992	ppbv	
7) Chloroethane	3.217	64	26080m	0.987	ppbv	
8) Dichlorotetrafluoroethane	2.876	85	172437	1.010	ppbv	95
9) Propene	2.715	41	62441	0.998	ppbv	92
10) Heptane	7.583	43	145516	0.997	ppbv	100
11) Trichlorofluoromethane	3.584	101	170053	0.978	ppbv	96
12) 1,1,2-Trichlorotrifluoro...	4.085	101	121873	0.947	ppbv	96
13) Ethanol	3.275	45	5152m	1.415	ppbv	
14) Bromoethene	3.387	108	47104m	0.866	ppbv	
15) Acetone	3.494	43	133818	1.045	ppbv	93
16) 1,3-Butadiene	3.005	39	66360	0.993	ppbv	95
17) tert-Butyl alcohol	3.902	59	119284m	1.109	ppbv	
18) 1,1-Dichloroethene	3.899	96	57381m	0.983	ppbv	
19) Isopropyl Alcohol	3.606	45	67883m	1.002	ppbv	
20) Methylene Chloride	3.950	84	54965	1.078	ppbv #	88
21) Allyl Chloride	4.014	41	84928m	0.957	ppbv	
22) trans-1,2-Dichloroethene	4.461	96	57406m	1.022	ppbv	
23) Vinyl Acetate	4.645	43	53737	0.659	ppbv #	89
24) 1,1-Dichloroethane	4.577	63	114125	0.944	ppbv	98
25) Ethyl Acetate	5.220	43	283903m	1.073	ppbv	
26) Hexane	5.223	57	116224	1.102	ppbv	93
27) Carbon Disulfide	4.146	76	112221	0.882	ppbv	96
28) Methyl tert-Butyl Ether	4.612	73	102014	0.915	ppbv	96
29) Chloroform	5.284	83	179475	0.980	ppbv	96
30) Cyclohexane	6.616	84	93686m	0.975	ppbv	
31) cis-1,2-Dichloroethene	5.095	61	115083m	1.028	ppbv	
32) 1,1,1-Trichloroethane	6.011	97	165417	0.914	ppbv	99
34) 2-Butanone	4.809	43	157112	1.072	ppbv	96
35) Carbon Tetrachloride	6.506	117	166398m	0.926	ppbv	
36) Benzene	6.381	78	234389	1.032	ppbv	96
37) 1,2-Dichloroethane	5.815	62	132493	0.999	ppbv	100
38) Trichloroethene	7.297	130	131440m	1.061	ppbv	
39) 1,2-Dichloropropane	7.079	63	87702	1.035	ppbv	93
40) 1,4-Dioxane	7.320	88	38026m	1.133	ppbv	
41) Tetrahydrofuran	5.587	42	89685m	1.047	ppbv	
42) Bromodichloromethane	7.252	83	170611	0.952	ppbv	94
43) Methyl Methacrylate	7.487	69	78175	0.910	ppbv	93
44) 2,2,4-Trimethylpentane	7.329	57	406051	1.056	ppbv	99
45) t-1,3-Dichloropropene	8.718	75	60088m	0.802	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039538.D
 Acq On : 17 Aug 2022 4:56
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Aug 17 05:29:00 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 04:35:27 2022

QLast Update : Wed Aug 17 04:35:27 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.149	75	86045	0.822	ppbv #	87
47) 1,1,2-Trichloroethane	8.905	97	104967m	1.104	ppbv	
48) Dibromochloromethane	9.712	129	137281m	0.915	ppbv	
49) Bromoform	12.410	173	110756	0.914	ppbv #	100
50) 4-Methyl-2-Pentanone	8.204	43	233222m	1.039	ppbv	
51) 2-Hexanone	9.567	43	152960	0.904	ppbv #	98
52) Tetrachloroethene	10.619	164	92714	1.018	ppbv	96
53) Toluene	9.226	91	255214m	0.978	ppbv	
54) 1,2-Dibromoethane	10.011	107	112381m	0.964	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.512	131	120054	1.013	ppbv #	1
57) Chlorobenzene	11.529	112	230870	1.106	ppbv #	89
58) Ethyl Benzene	12.094	91	329246	0.951	ppbv	95
59) m/p-Xylene	12.374	91	611947m	2.008	ppbv	
60) o-Xylene	13.059	91	292350m	1.011	ppbv	
61) Styrene	12.908	104	140699m	0.900	ppbv	
62) Isopropylbenzene	14.030	105	448512	1.020	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.049	83	143442m	0.952	ppbv	
64) n-propylbenzene	14.921	120	113816	1.024	ppbv	91
65) tert-Butylbenzene	16.094	119	406178	1.004	ppbv	96
66) Benzyl Chloride	16.335	91	26137m	0.713	ppbv	
67) sec-Butylbenzene	16.638	105	560972	1.026	ppbv	99
69) p-Isopropyltoluene	17.001	119	464641	1.006	ppbv	98
70) n-Butylbenzene	17.895	91	467753	1.040	ppbv	96
71) 2-Chlorotoluene	14.805	91	321341	1.019	ppbv	98
72) 4-Ethyltoluene	15.197	105	329512	0.967	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.358	105	313389m	1.006	ppbv	
74) 1,2,4-Trimethylbenzene	16.107	105	350745	1.021	ppbv	94
75) 1,3-Dichlorobenzene	16.329	146	206316	1.007	ppbv	94
76) 1,4-Dichlorobenzene	16.474	146	216947m	1.056	ppbv	
77) 1,2-Dichlorobenzene	17.142	146	214009m	1.056	ppbv	
78) Hexachloro-1,3-Butadiene	22.637	225	177218m	1.079	ppbv	
79) Naphthalene	21.390	128	251158	1.053	ppbv #	94
80) Naphthalene,2-methyl-	24.387	142	62789	0.736	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.139	180	160057m	1.034	ppbv	

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

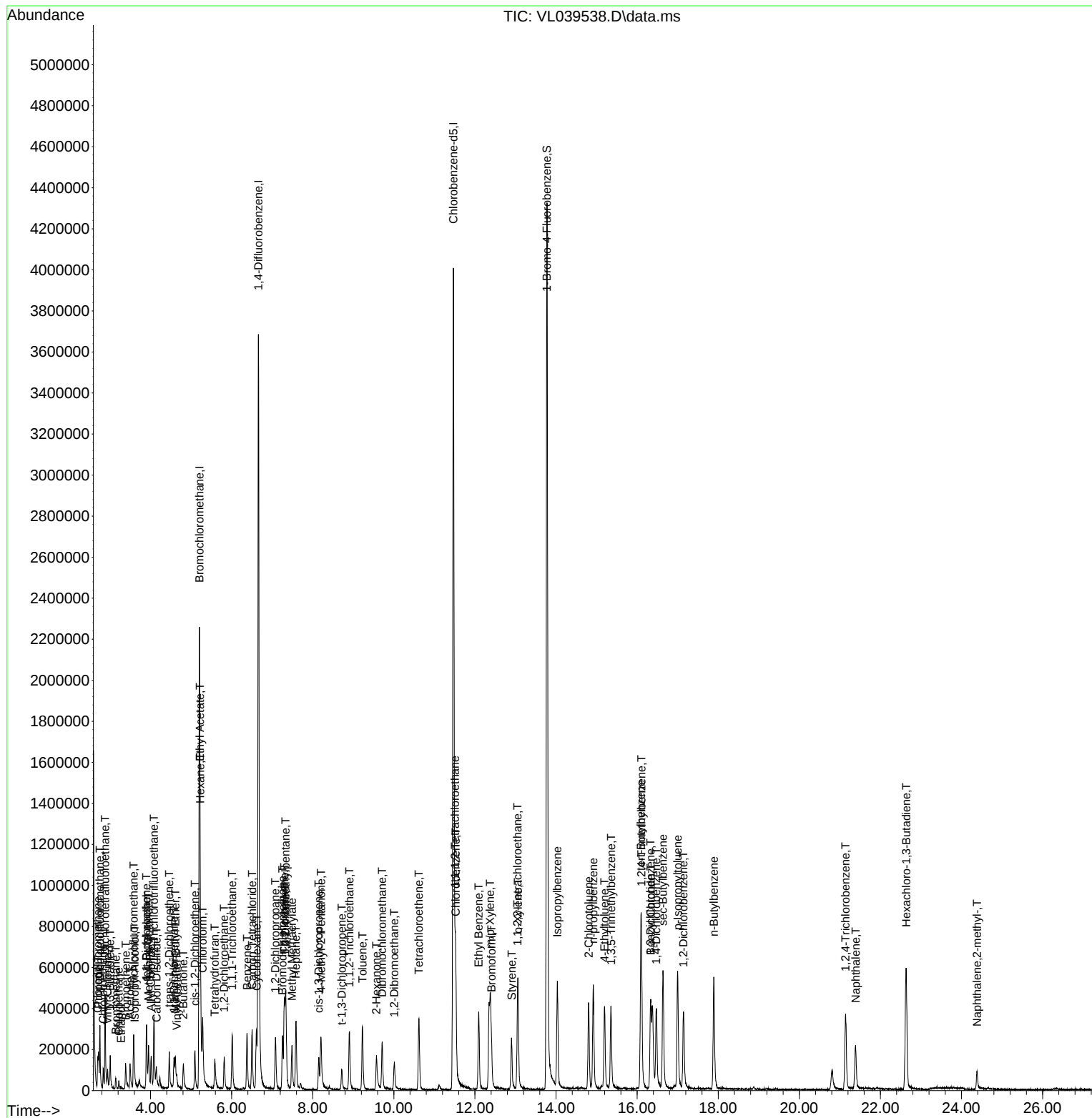
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
Data File : VL039538.D
Acq On : 17 Aug 2022 4:56
Operator : SY/AP
Sample : VSTDIC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

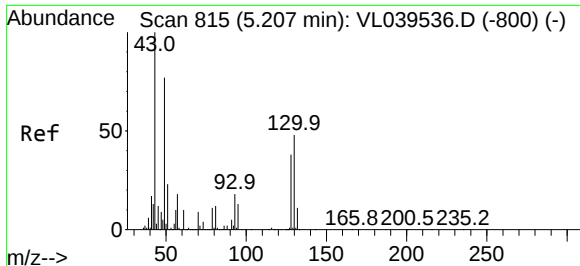
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

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

Quant Time: Aug 17 05:29:00 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 17 04:35:27 2022
Response via : Initial Calibration





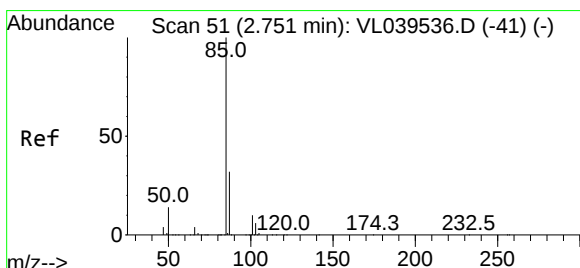
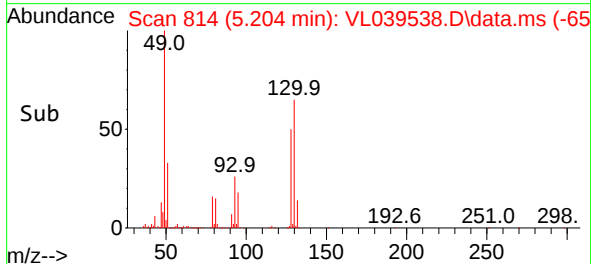
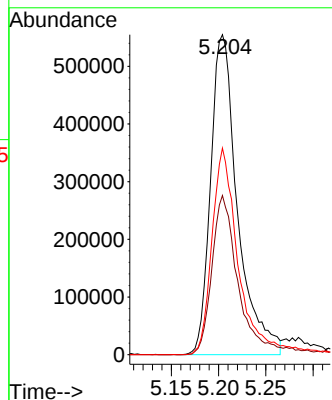
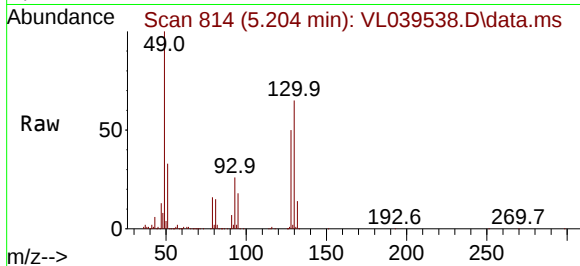
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.204 min Scan# 815
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 49 Resp: 109928
Ion Ratio Lower Upper
49 100
128 51.2 25.7 77.0
130 65.1 31.6 95.0

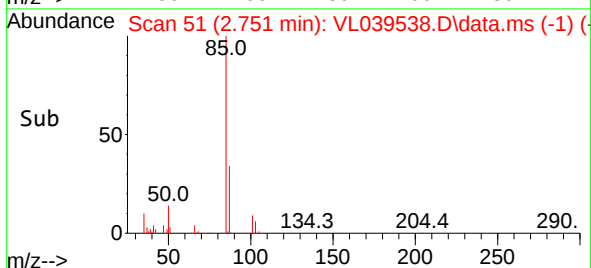
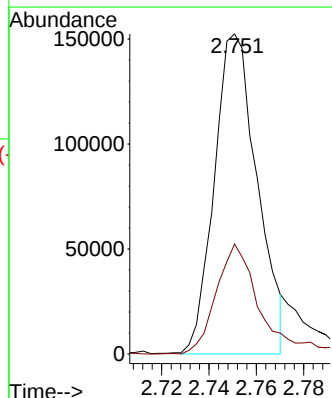
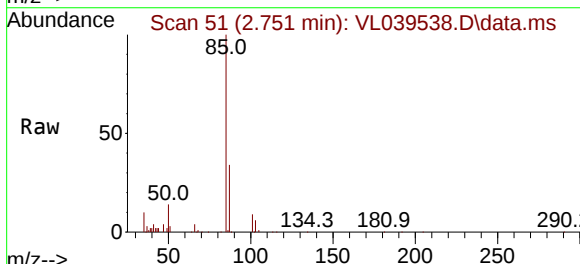
Manual Integrations
APPROVED

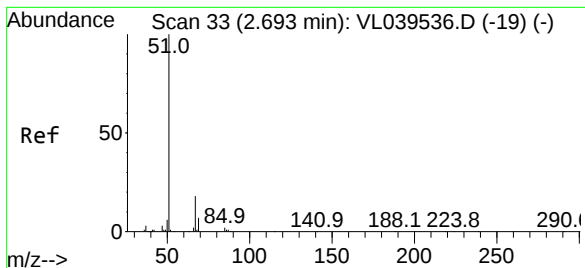
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#2
Dichlorodifluoromethane
Concen: 1.241 ppbv m
RT: 2.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

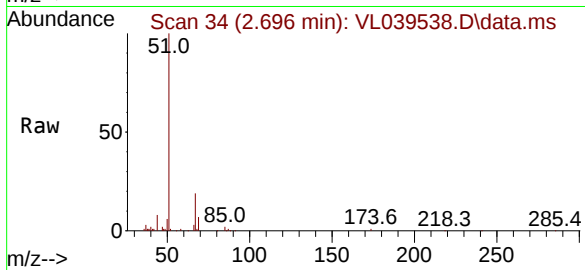
Tgt Ion: 85 Resp: 192381
Ion Ratio Lower Upper
85 100
87 34.3 25.9 38.9





#3
Chlorodifluoromethane
Concen: 1.049 ppbv
RT: 2.696 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

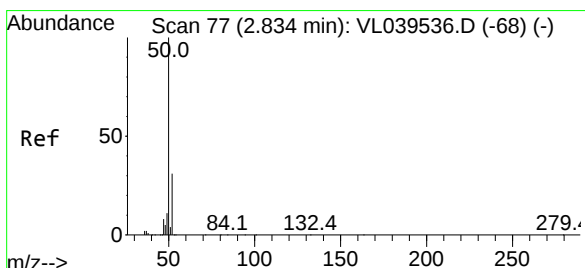
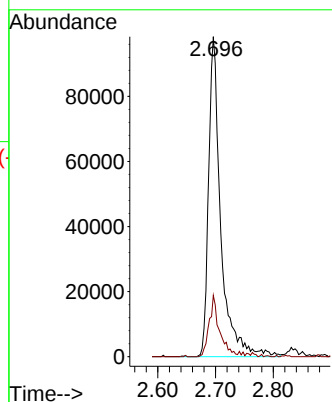
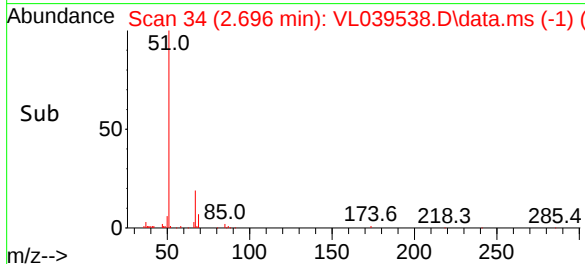
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



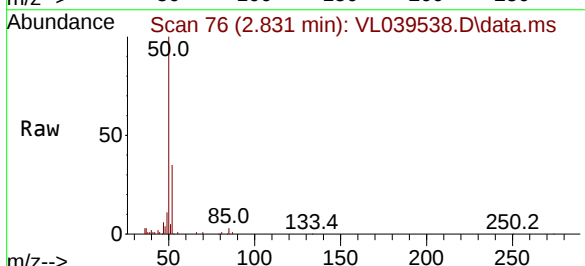
Tgt Ion: 51 Resp: 144892
Ion Ratio Lower Upper
51 100
67 16.5 14.7 22.1

Manual Integrations
APPROVED

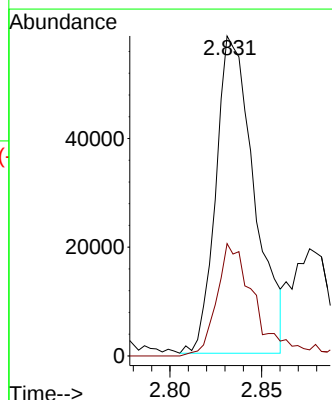
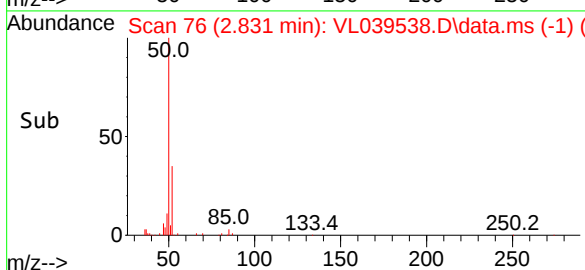
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

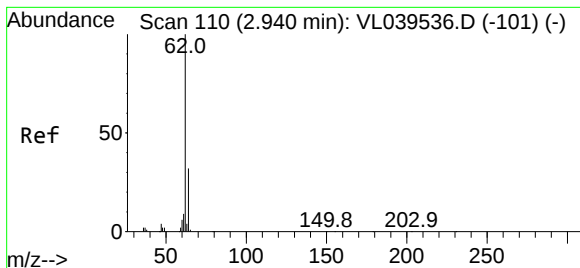


#4
Chloromethane
Concen: 1.106 ppbv
RT: 2.831 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



Tgt Ion: 50 Resp: 85024
Ion Ratio Lower Upper
50 100
52 35.9 24.3 36.5





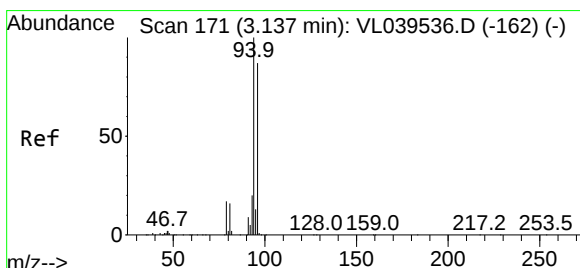
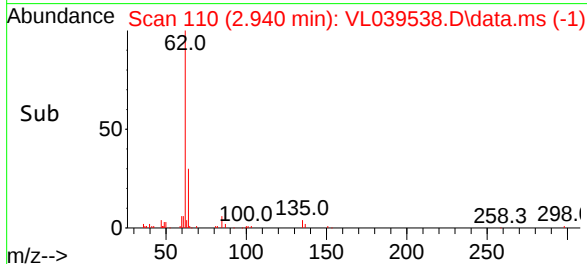
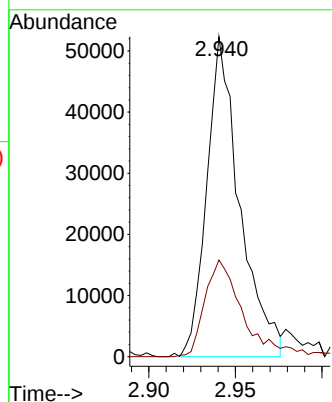
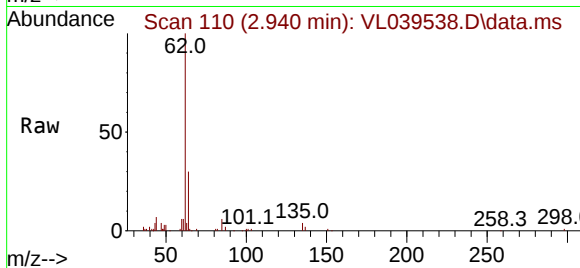
#5
 Vinyl Chloride
 Concen: 0.923 ppbv
 RT: 2.940 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 62 Resp: 69090
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.5 38.3

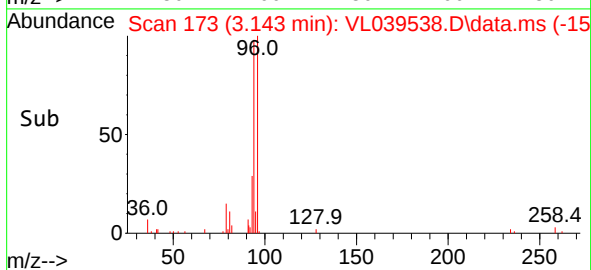
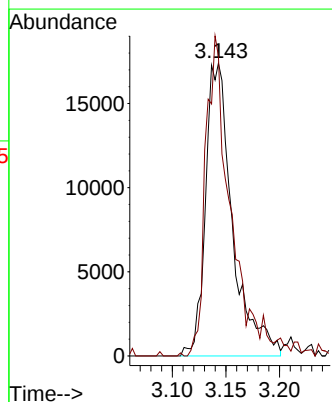
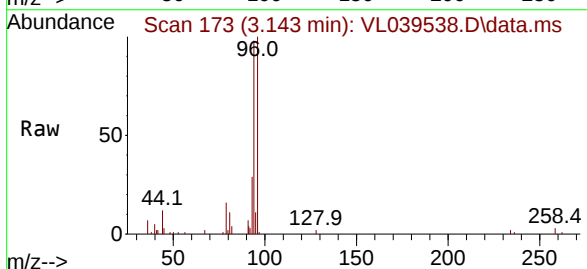
Manual Integrations
 APPROVED

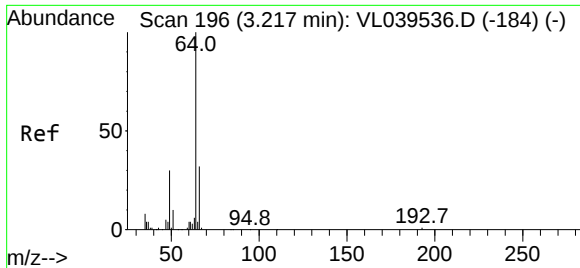
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#6
 Bromomethane
 Concen: 0.992 ppbv m
 RT: 3.143 min Scan# 173
 Delta R.T. 0.006 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

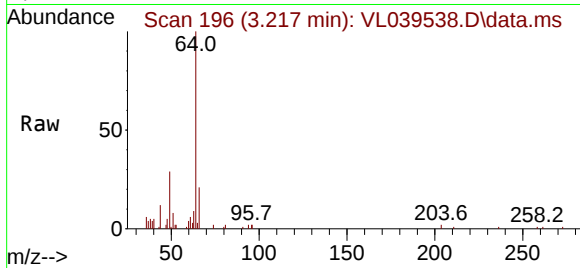
Tgt Ion: 94 Resp: 30454
 Ion Ratio Lower Upper
 94 100
 96 102.3 69.8 104.6





#7
Chloroethane
Concen: 0.987 ppbv m
RT: 3.217 min Scan# 196
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

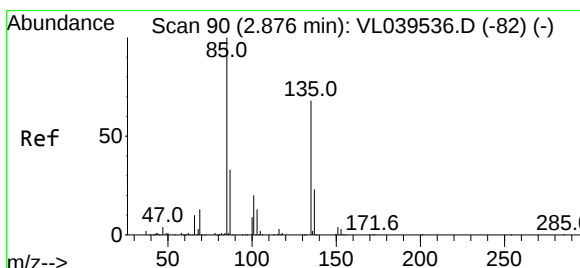
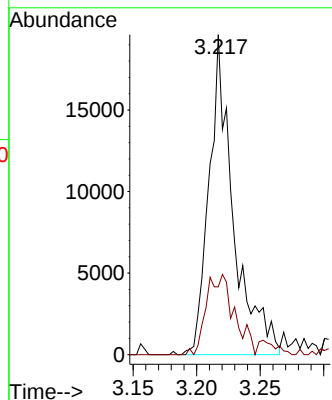
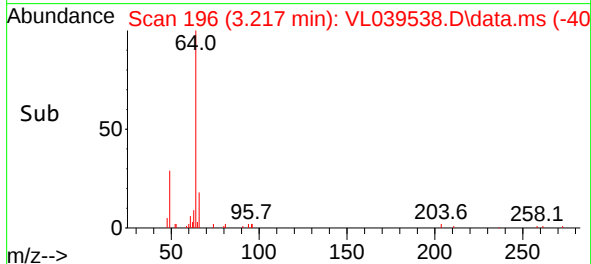
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



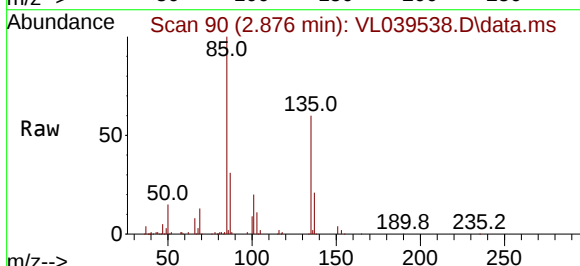
Tgt Ion: 64 Resp: 26080
Ion Ratio Lower Upper
64 100
66 21.2 25.6 38.4

Manual Integrations
APPROVED

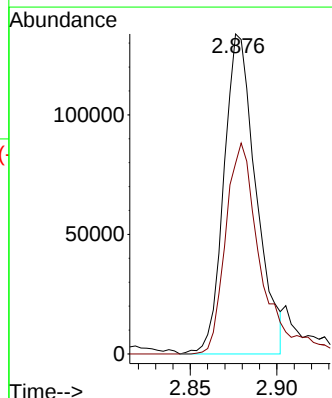
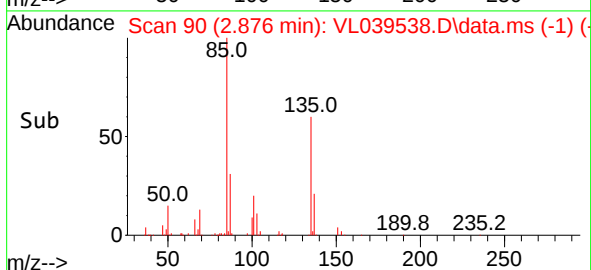
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

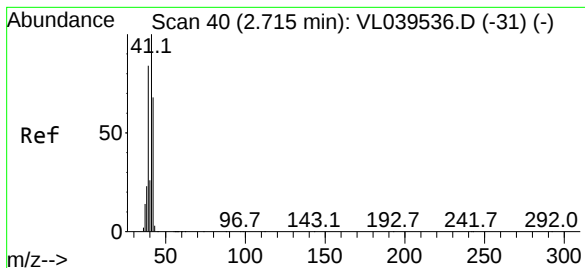


#8
Dichlorotetrafluoroethane
Concen: 1.010 ppbv
RT: 2.876 min Scan# 90
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



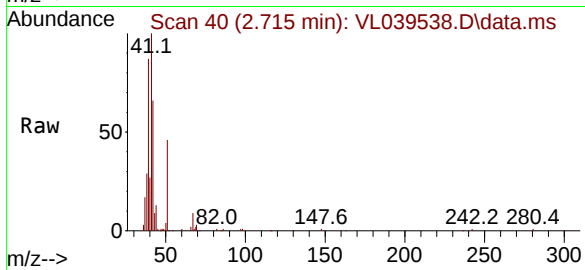
Tgt Ion: 85 Resp: 172437
Ion Ratio Lower Upper
85 100
135 74.4 56.3 84.5





#9
 Propene
 Concen: 0.998 ppbv
 RT: 2.715 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

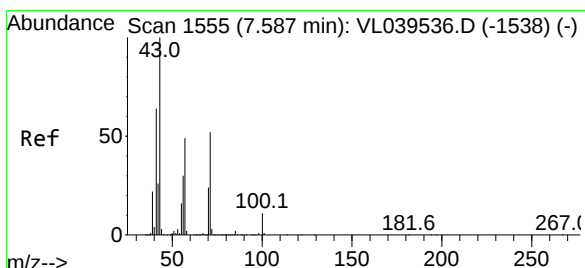
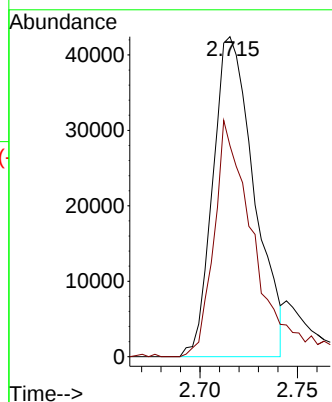
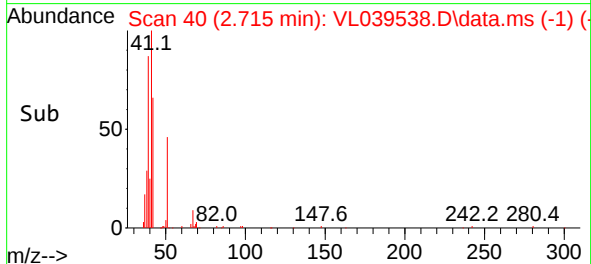
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



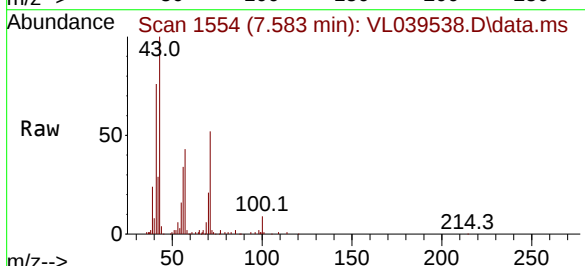
Tgt Ion: 41 Resp: 6244
 Ion Ratio Lower Upper
 41 100
 42 75.8 55.4 83.0

Manual Integrations
 APPROVED

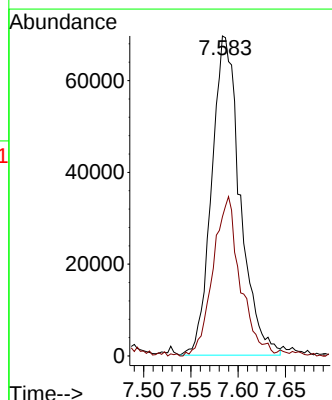
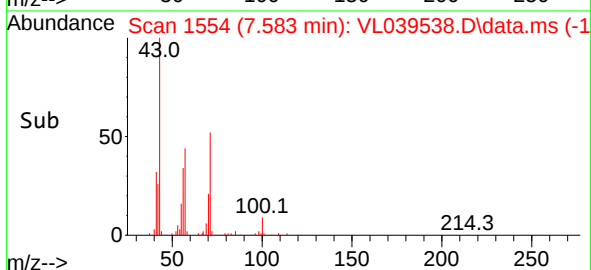
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

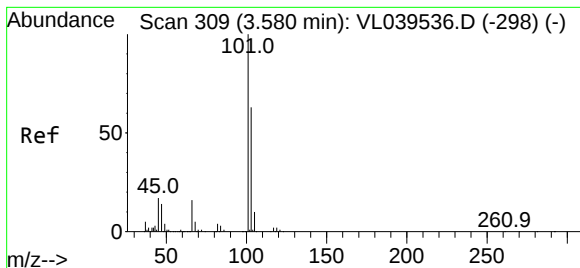


#10
 Heptane
 Concen: 0.997 ppbv
 RT: 7.583 min Scan# 1554
 Delta R.T. -0.003 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56



Tgt Ion: 43 Resp: 145516
 Ion Ratio Lower Upper
 43 100
 57 49.6 39.8 59.6





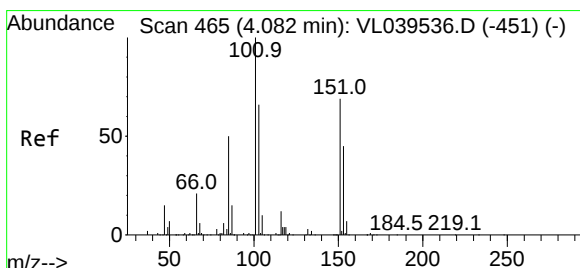
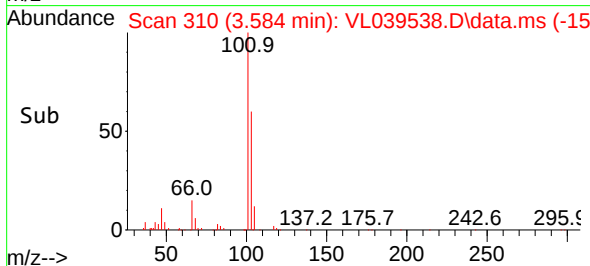
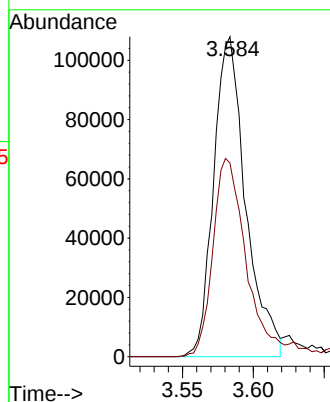
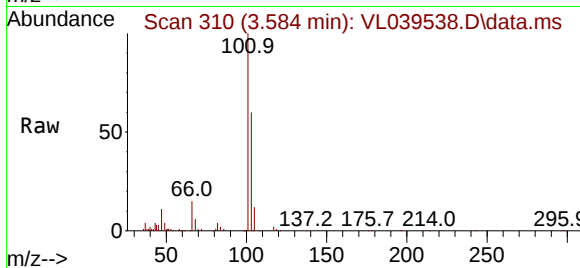
#11
 Trichlorofluoromethane
 Concen: 0.978 ppbv
 RT: 3.584 min Scan# 310
 Delta R.T. 0.003 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:101 Resp: 17005
 Ion Ratio Lower Upper
 101 100
 103 60.3 50.6 76.0

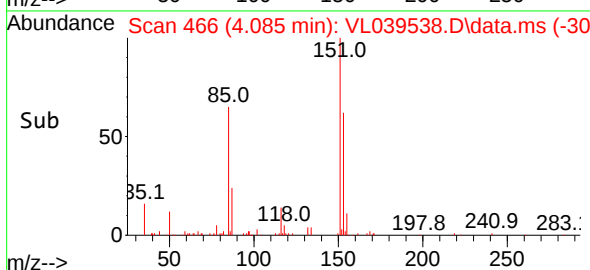
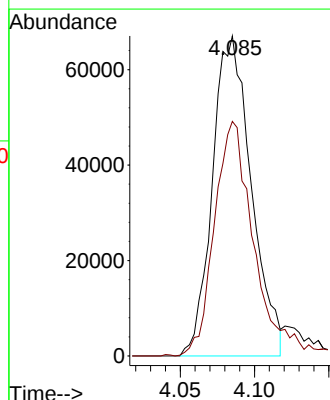
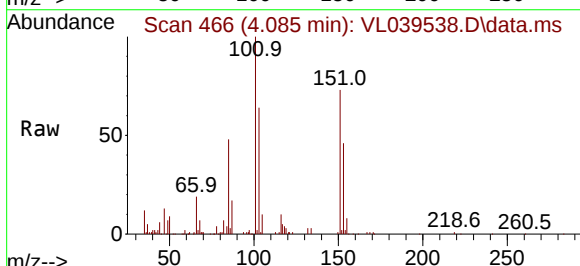
Manual Integrations
 APPROVED

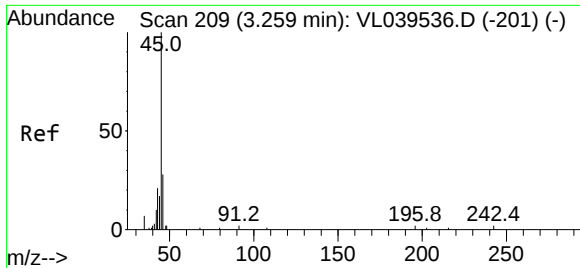
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.947 ppbv
 RT: 4.085 min Scan# 466
 Delta R.T. 0.003 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

Tgt Ion:101 Resp: 121873
 Ion Ratio Lower Upper
 101 100
 151 76.6 58.6 87.8





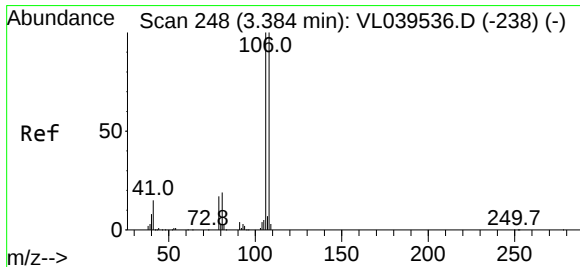
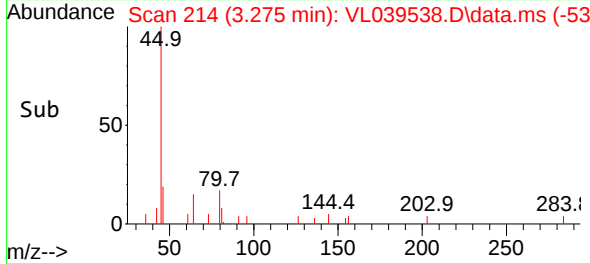
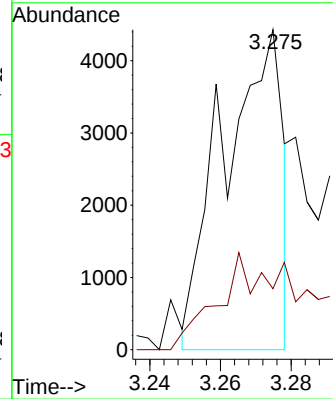
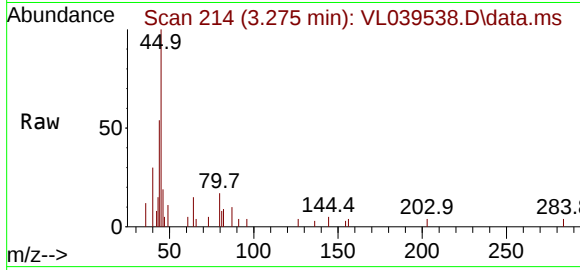
#13
Ethanol
Concen: 1.415 ppbv m
RT: 3.275 min Scan# 214
Delta R.T. 0.016 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 5152
Ion Ratio Lower Upper
45 100
46 63.1 19.3 77.1

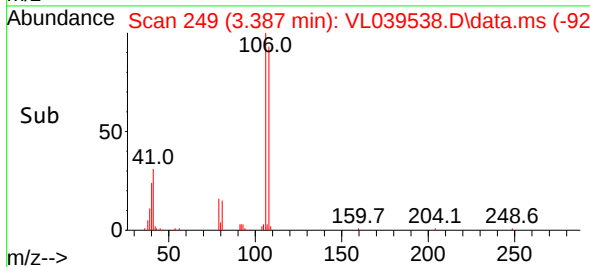
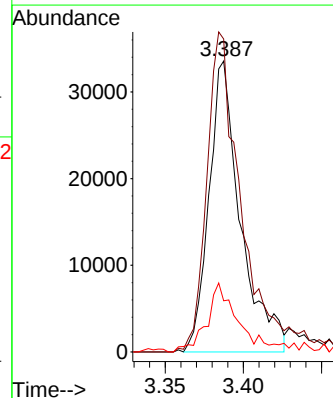
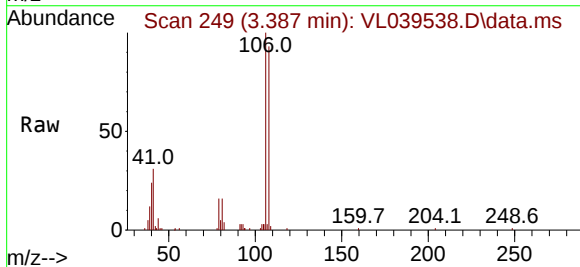
Manual Integrations
APPROVED

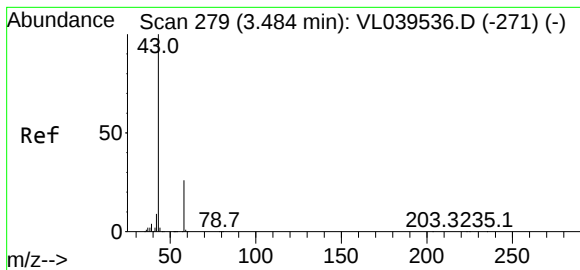
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#14
Bromoethene
Concen: 0.866 ppbv m
RT: 3.387 min Scan# 249
Delta R.T. 0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Tgt Ion:108 Resp: 47104
Ion Ratio Lower Upper
108 100
106 125.0 86.6 130.0
79 27.1 15.1 22.7#





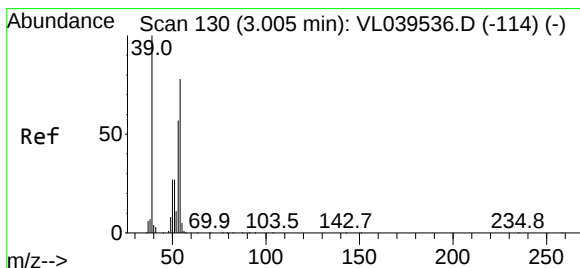
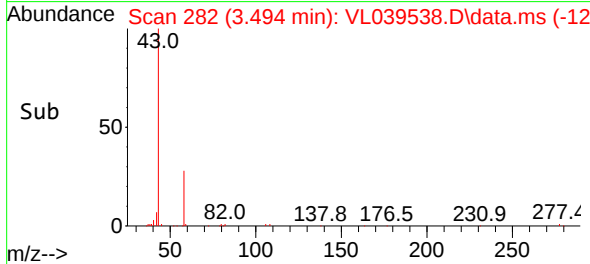
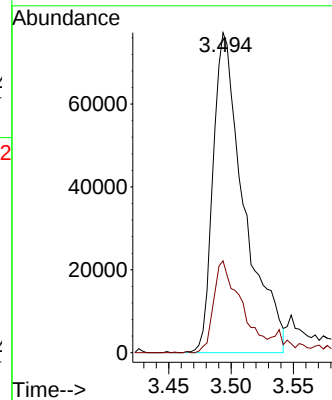
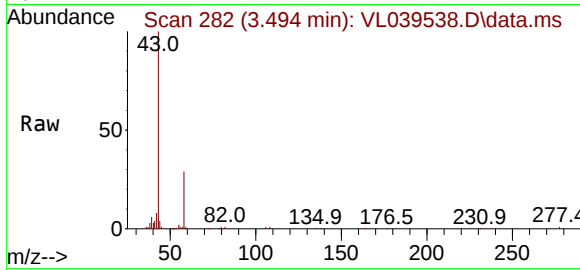
#15
Acetone
Concen: 1.045 ppbv
RT: 3.494 min Scan# 279
Delta R.T. 0.010 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 133818
Ion Ratio Lower Upper
43 100
58 29.4 20.7 31.1

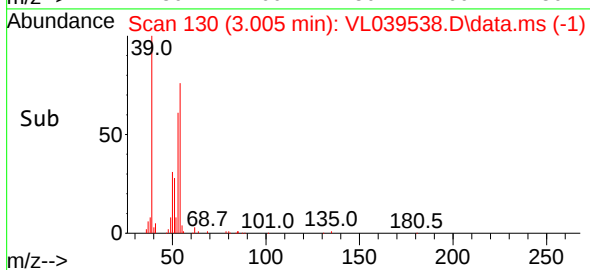
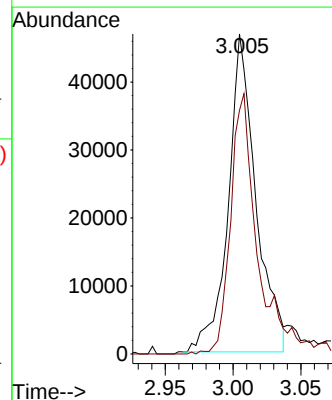
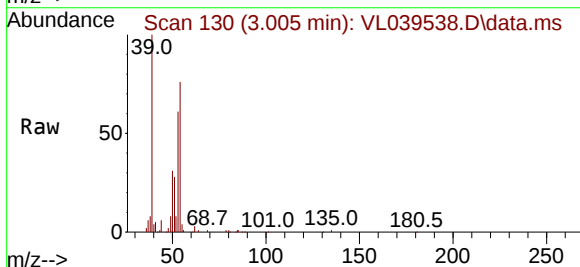
Manual Integrations
APPROVED

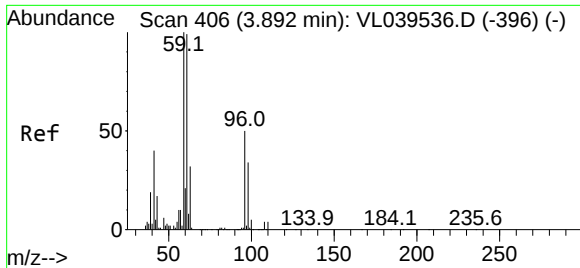
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#16
1,3-Butadiene
Concen: 0.993 ppbv
RT: 3.005 min Scan# 130
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Tgt Ion: 39 Resp: 66360
Ion Ratio Lower Upper
39 100
54 82.0 61.8 92.8





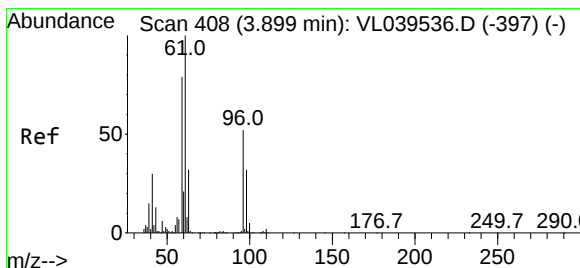
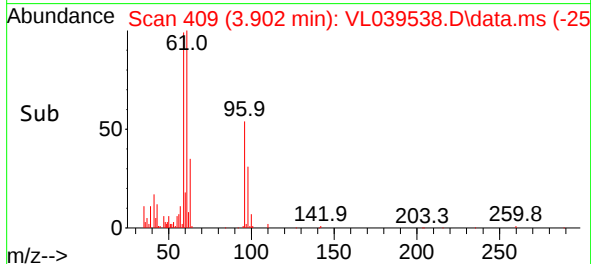
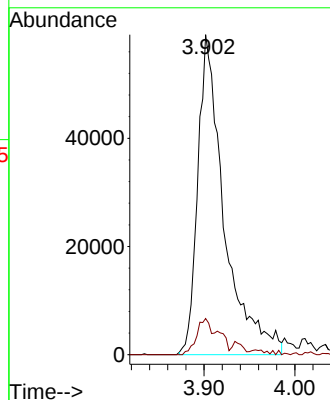
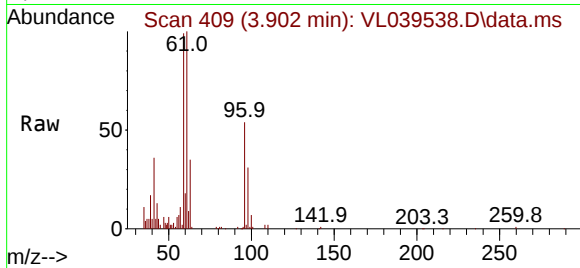
#17
tert-Butyl alcohol
Concen: 1.109 ppbv m
RT: 3.902 min Scan# 409
Delta R.T. 0.010 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 119284
Ion Ratio Lower Upper
59 100
57 11.9 8.6 12.8

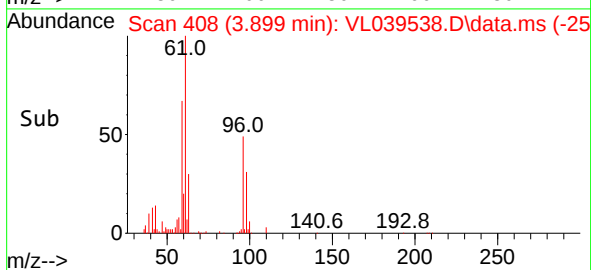
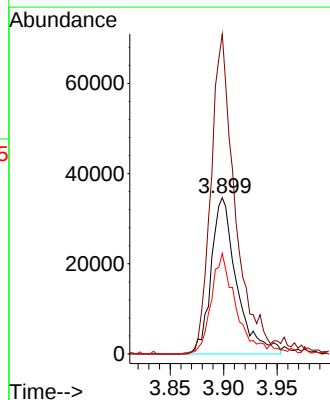
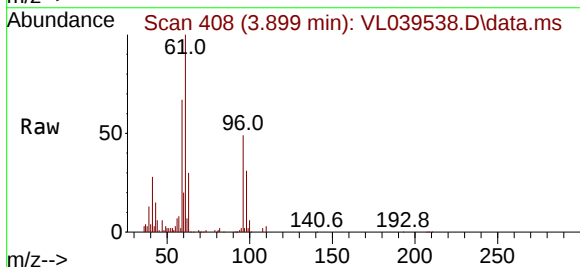
Manual Integrations
APPROVED

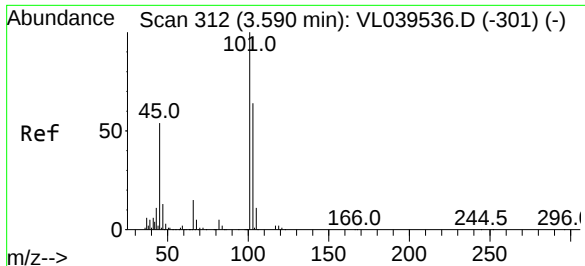
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#18
1,1-Dichloroethene
Concen: 0.983 ppbv m
RT: 3.899 min Scan# 408
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Tgt Ion: 96 Resp: 57381
Ion Ratio Lower Upper
96 100
61 204.8 153.8 230.6
98 64.3 48.6 73.0





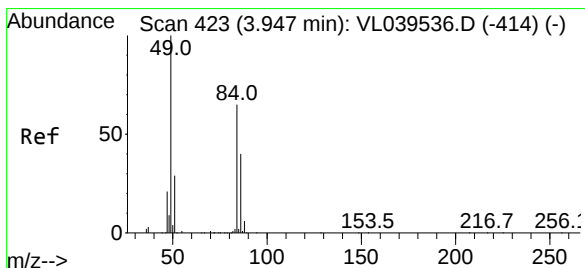
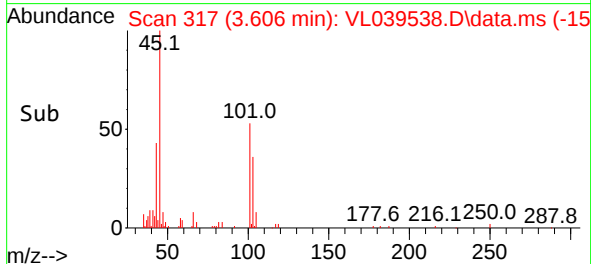
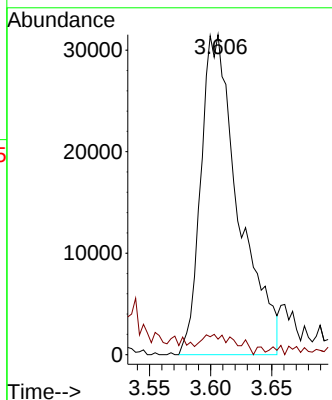
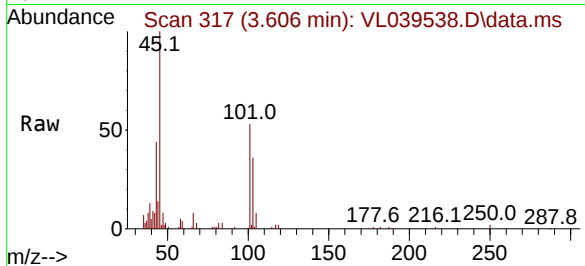
#19
Isopropyl Alcohol
Concen: 1.002 ppbv
RT: 3.606 min Scan# 312
Delta R.T. 0.016 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 6788
Ion Ratio Lower Upper
45 100
58 4.3 0.0 0.0

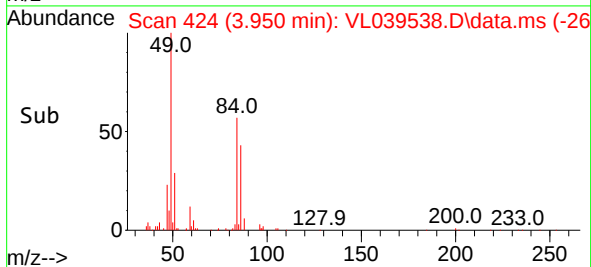
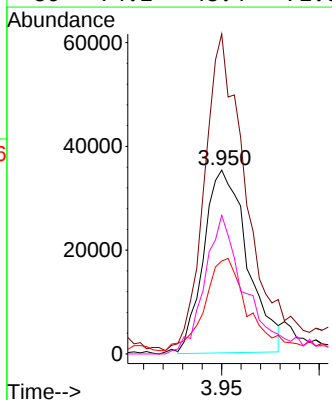
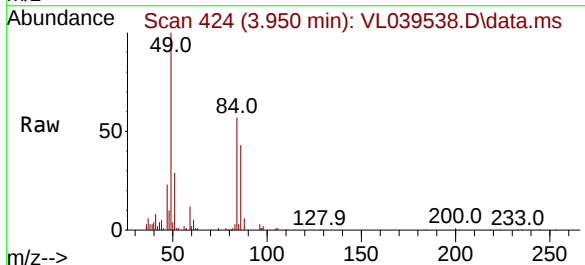
Manual Integrations
APPROVED

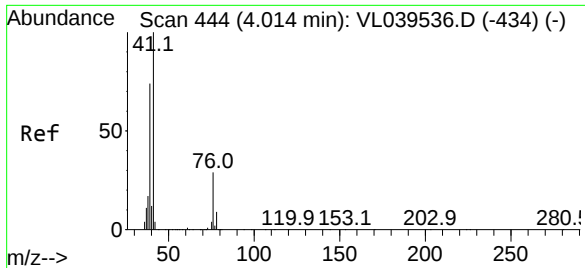
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#20
Methylene Chloride
Concen: 1.078 ppbv
RT: 3.950 min Scan# 424
Delta R.T. 0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Tgt Ion: 84 Resp: 54965
Ion Ratio Lower Upper
84 100
49 169.3 122.2 183.4
51 45.6 35.8 53.6
86 74.2 48.4 72.6





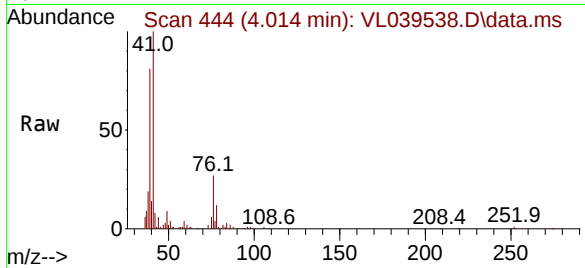
#21
 Allyl Chloride
 Concen: 0.957 ppbv m
 RT: 4.014 min Scan# 444
 Delta R.T. 0.000 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

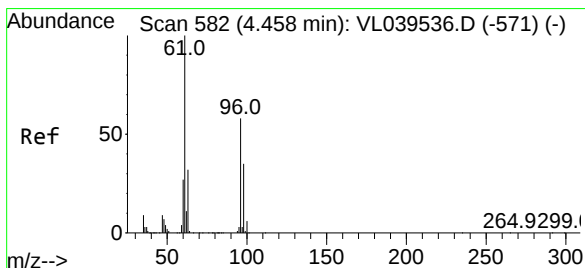
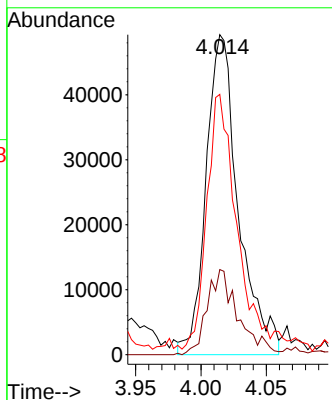
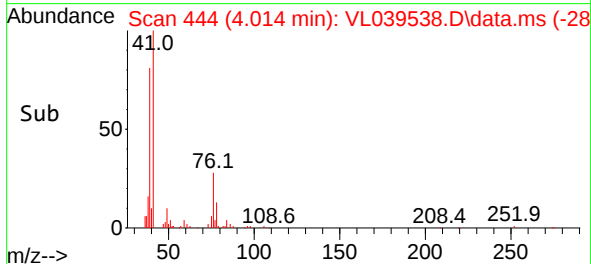


Tgt Ion: 41 Resp: 84928
 Ion Ratio Lower Upper
 41 100
 76 27.1 23.1 34.7
 39 78.6 63.4 95.2

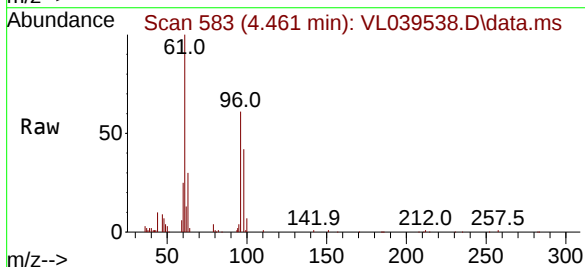
Manual Integrations

APPROVED

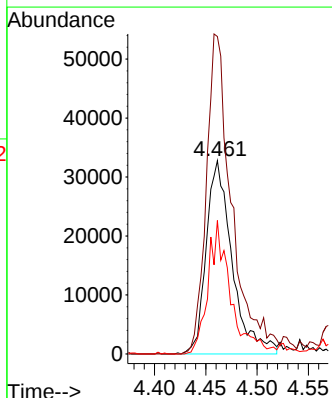
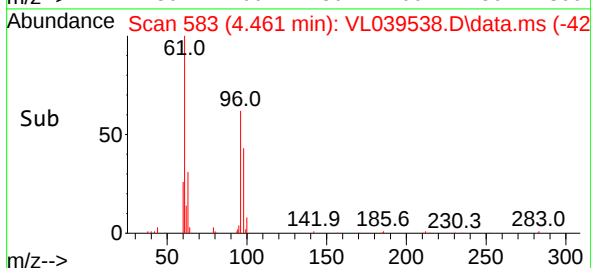
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

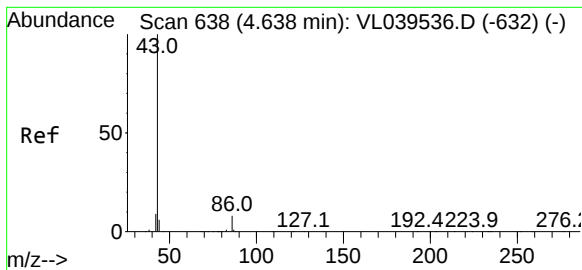


#22
 trans-1,2-Dichloroethene
 Concen: 1.022 ppbv m
 RT: 4.461 min Scan# 583
 Delta R.T. 0.003 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56



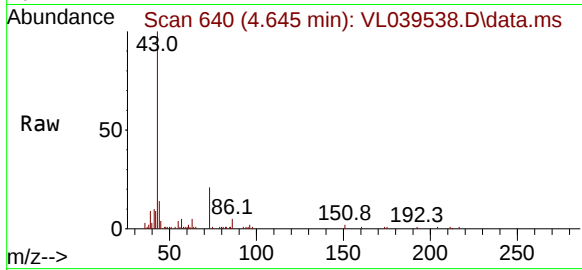
Tgt Ion: 96 Resp: 57406
 Ion Ratio Lower Upper
 96 100
 61 164.2 138.1 207.1
 98 69.1 48.8 73.2





#23
 Vinyl Acetate
 Concen: 0.659 ppbv
 RT: 4.645 min Scan# 640
 Delta R.T. 0.006 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

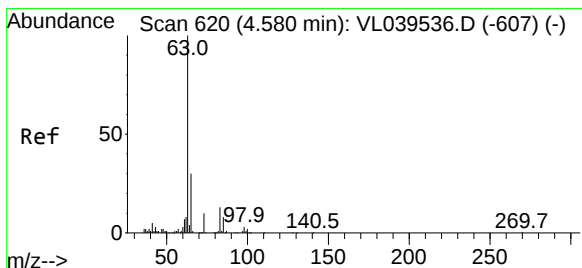
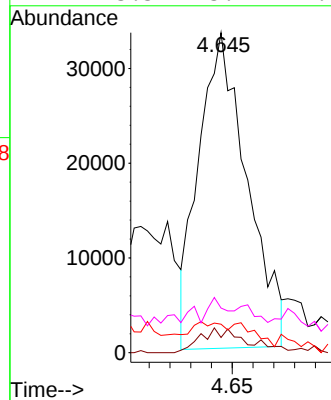
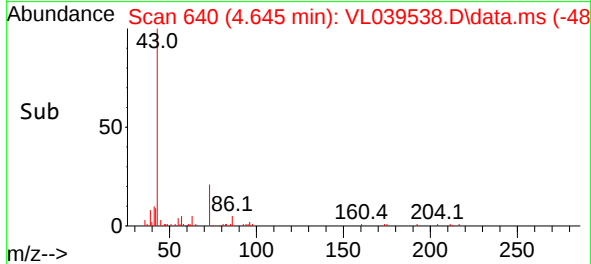
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



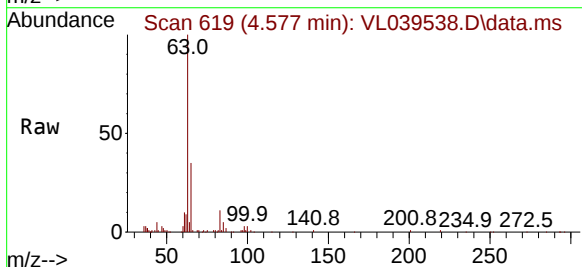
Tgt Ion: 43 Resp: 5373
 Ion Ratio Lower Upper
 43 100
 86 4.8 5.3 7.9
 42 3.9 8.7 13.1
 44 5.5 5.1 7.7

Manual Integrations
 APPROVED

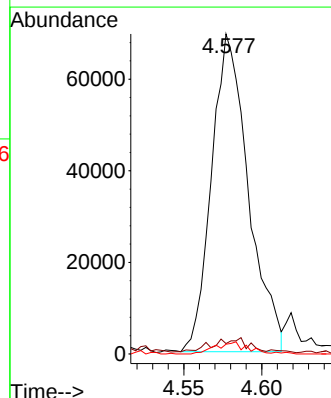
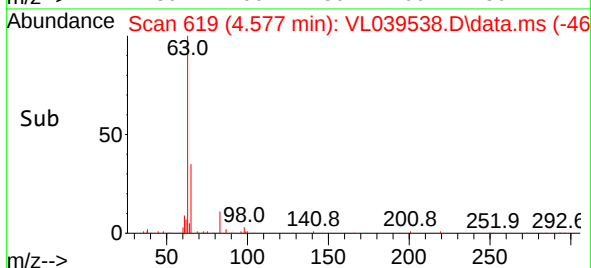
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

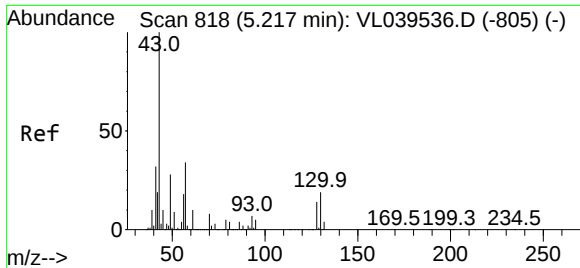


#24
 1,1-Dichloroethane
 Concen: 0.944 ppbv
 RT: 4.577 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56



Tgt Ion: 63 Resp: 114125
 Ion Ratio Lower Upper
 63 100
 98 2.6 1.7 5.0
 100 3.1 1.1 3.3





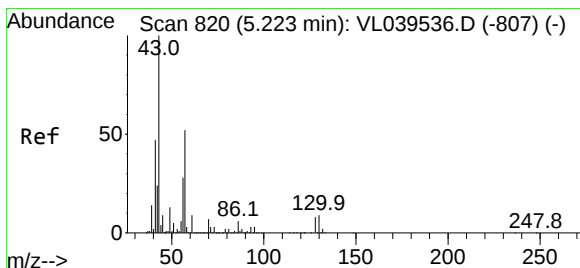
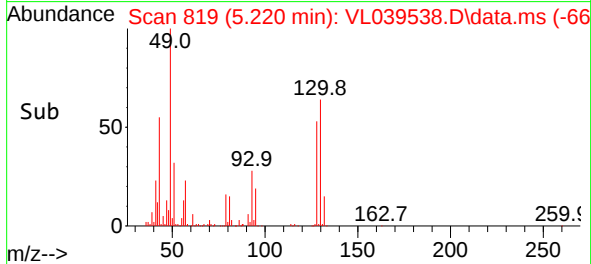
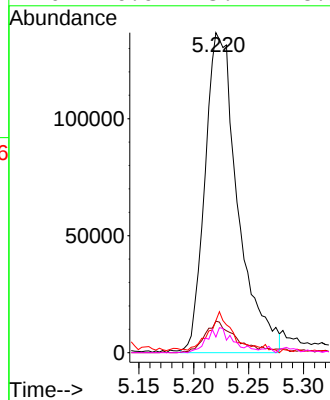
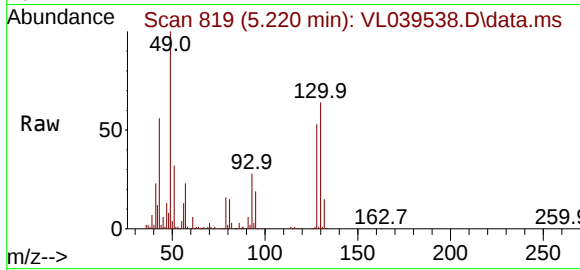
#25
Ethyl Acetate
Concen: 1.073 ppbv m
RT: 5.220 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43	Resp: 28390
Ion Ratio	Lower Upper
43 100	
45 10.5	8.2 12.4
61 11.7	8.6 12.8
70 6.6	5.7 8.5

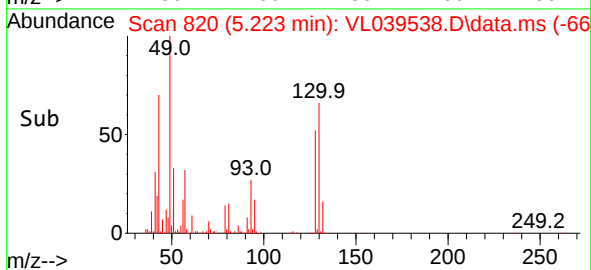
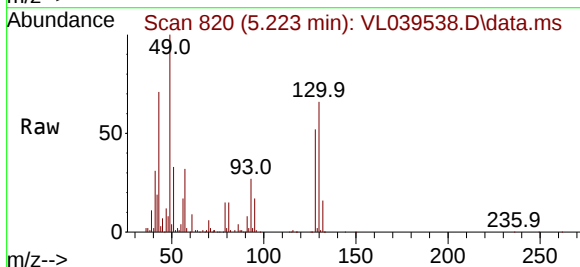
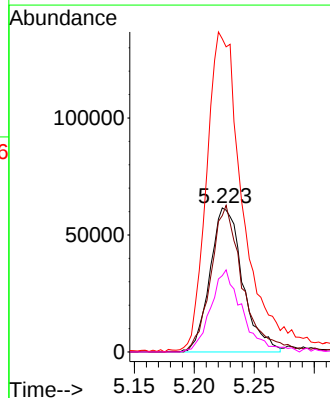
Manual Integrations
APPROVED

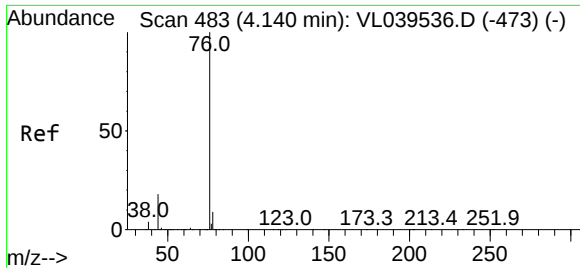
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#26
Hexane
Concen: 1.102 ppbv
RT: 5.223 min Scan# 820
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

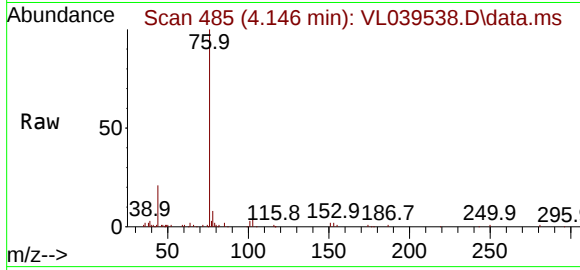
Tgt Ion: 57	Resp: 116224
Ion Ratio	Lower Upper
57 100	
41 102.6	79.4 119.2
43 265.7	199.7 299.5
56 56.7	44.0 66.0





#27
Carbon Disulfide
Concen: 0.882 ppbv
RT: 4.146 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

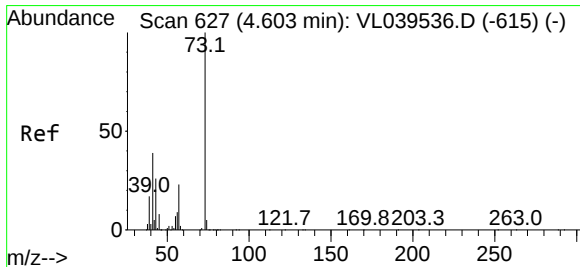
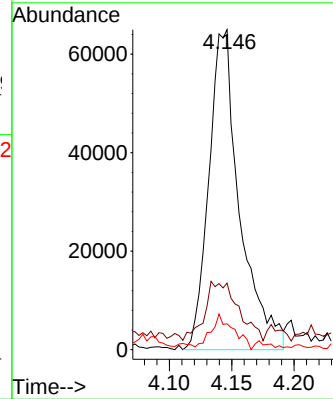
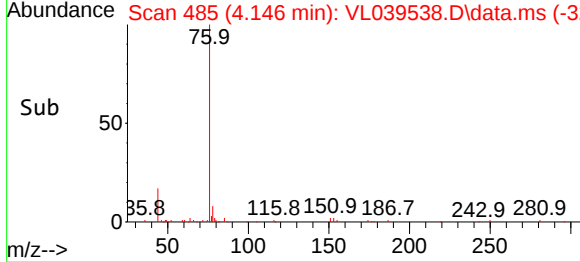
Instrument :
MSVOA_L
Client Sample Id :
VSTDIC001



Tgt Ion: 76 Resp: 11222
Ion Ratio Lower Upper
76 100
44 22.3 16.3 24.5
78 10.7 7.8 11.6

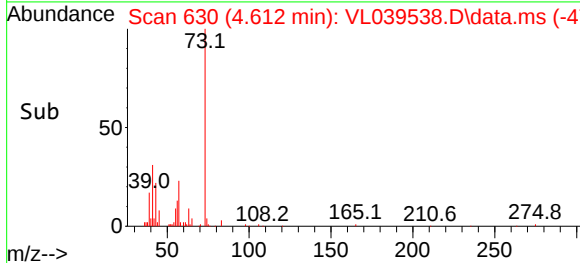
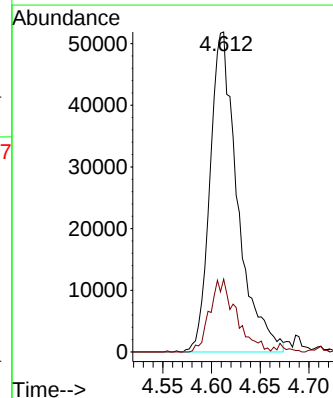
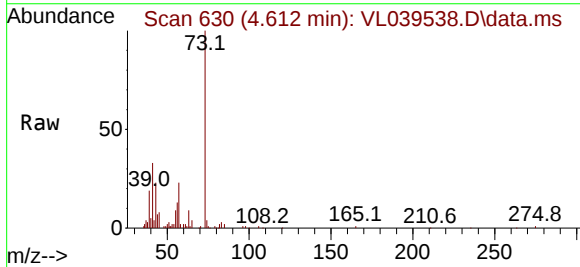
Manual Integrations
APPROVED

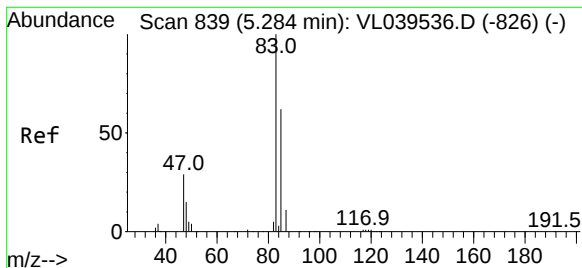
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#28
Methyl tert-Butyl Ether
Concen: 0.915 ppbv
RT: 4.612 min Scan# 630
Delta R.T. 0.010 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

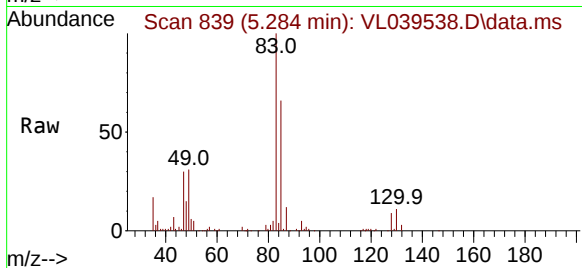
Tgt Ion: 73 Resp: 102014
Ion Ratio Lower Upper
73 100
57 22.9 19.8 29.6





#29
Chloroform
Concen: 0.980 ppbv
RT: 5.284 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

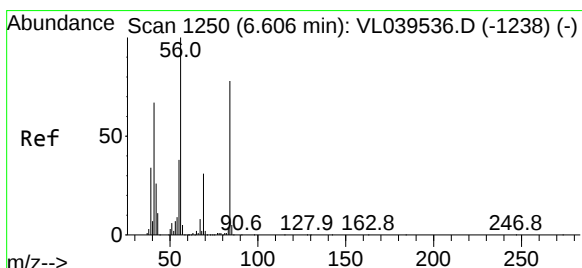
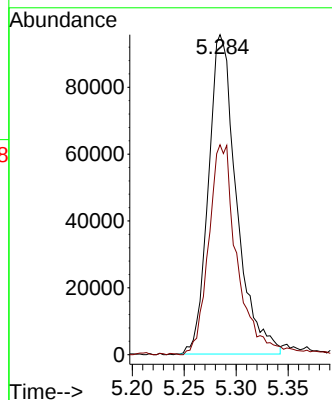
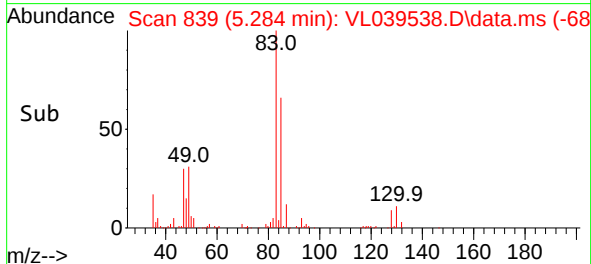
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



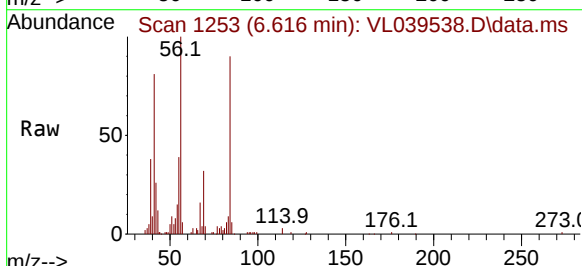
Tgt Ion: 83 Resp: 17947
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.8

Manual Integrations
APPROVED

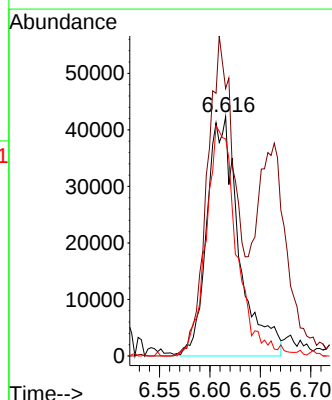
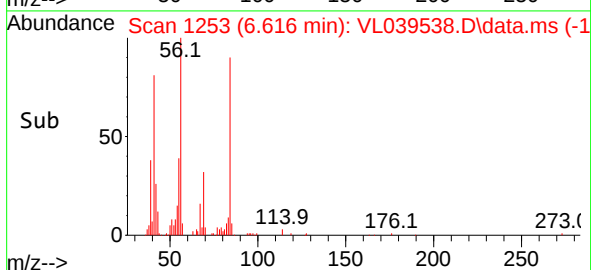
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

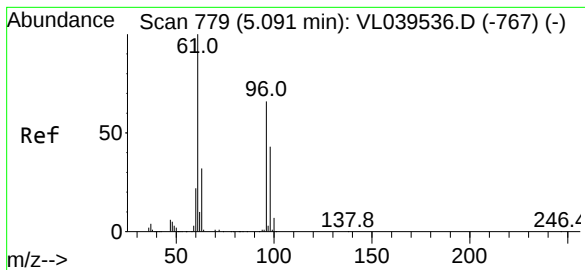


#30
Cyclohexane
Concen: 0.975 ppbv m
RT: 6.616 min Scan# 1253
Delta R.T. 0.010 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



Tgt Ion: 84 Resp: 93686
Ion Ratio Lower Upper
84 100
56 121.3 0.0 0.0#
41 92.6 0.0 0.0#





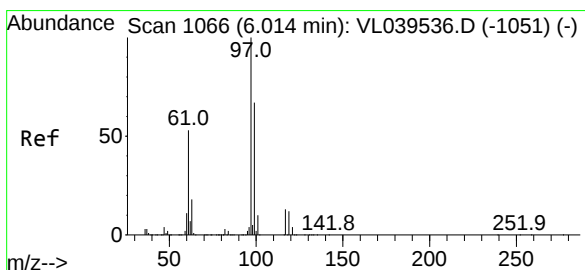
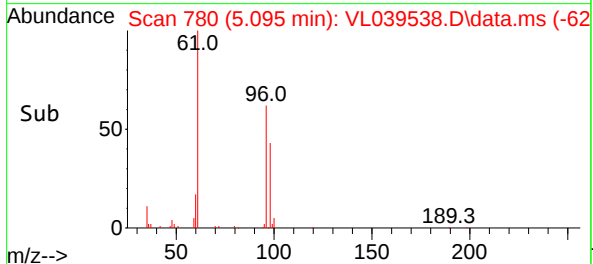
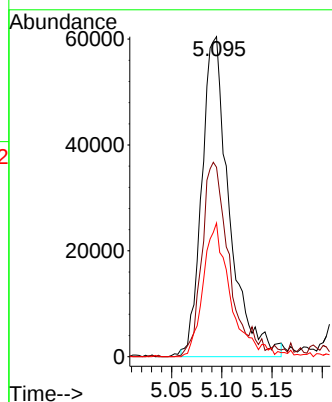
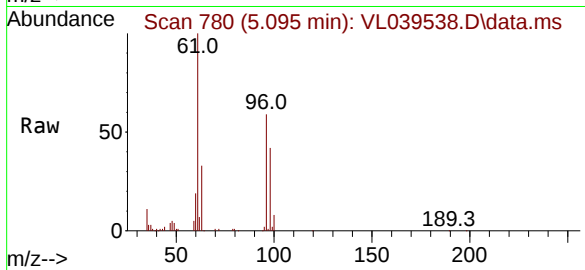
#31
 cis-1,2-Dichloroethene
 Concen: 1.028 ppbv m
 RT: 5.095 min Scan# 779
 Delta R.T. 0.003 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 61 Resp: 11508
 Ion Ratio Lower Upper
 61 100
 96 59.2 52.9 79.3
 98 41.8 34.5 51.7

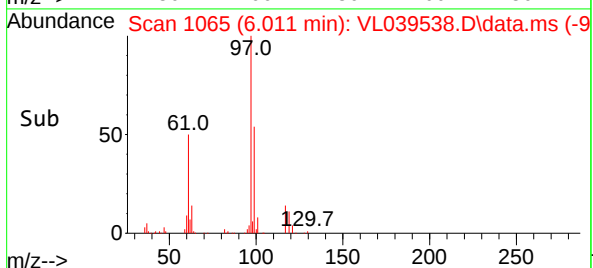
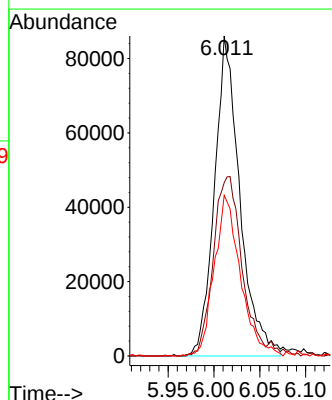
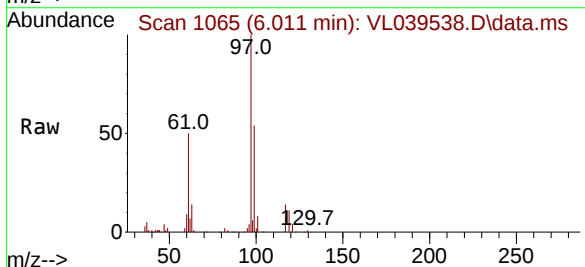
Manual Integrations
 APPROVED

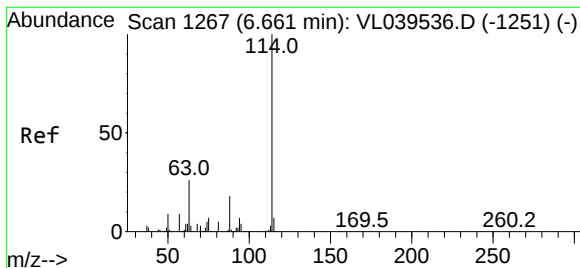
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.914 ppbv
 RT: 6.011 min Scan# 1065
 Delta R.T. -0.003 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

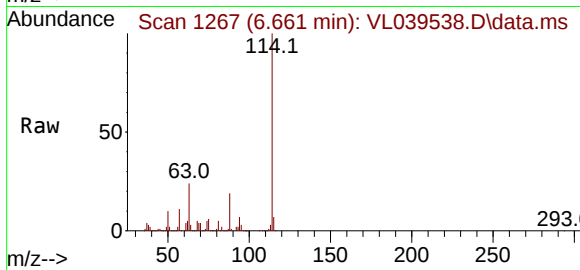
Tgt Ion: 97 Resp: 165417
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.4 78.6
 61 52.6 42.9 64.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

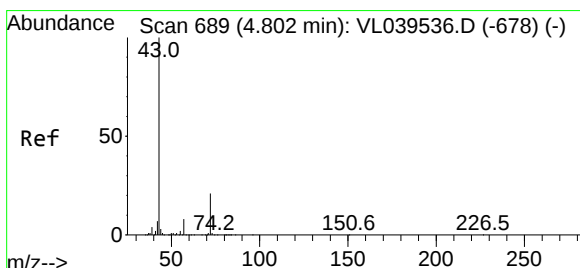
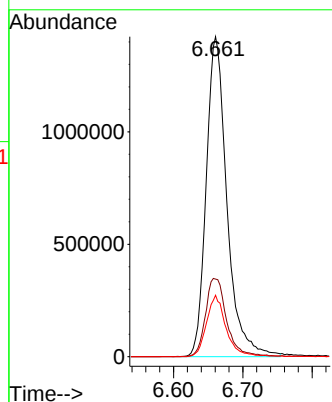
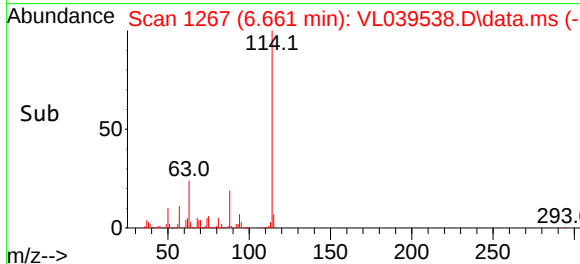
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



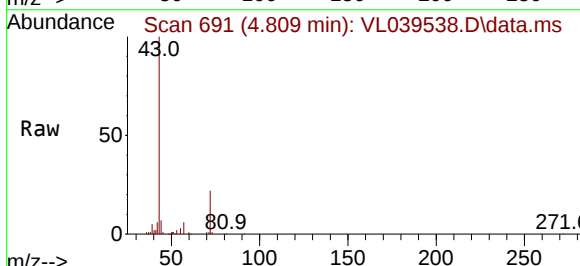
Tgt Ion:114 Resp: 2948684
Ion Ratio Lower Upper
114 100
63 25.2 20.6 31.0
88 18.3 14.6 22.0

Manual Integrations
APPROVED

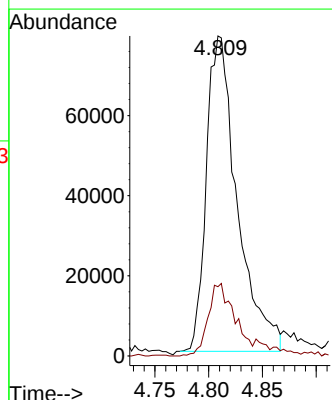
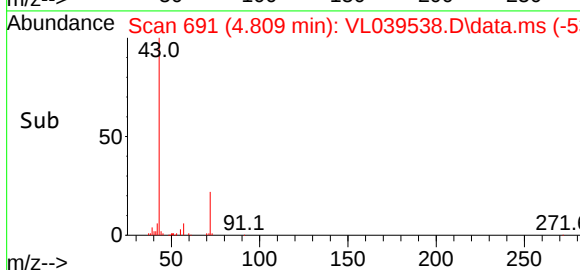
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

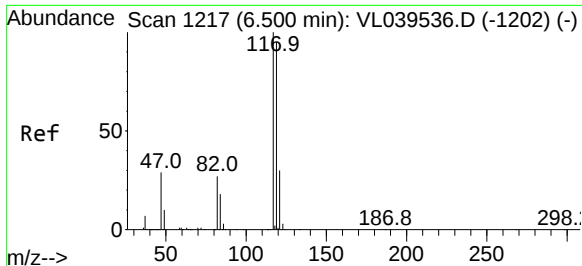


#34
2-Butanone
Concen: 1.072 ppbv
RT: 4.809 min Scan# 691
Delta R.T. 0.006 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



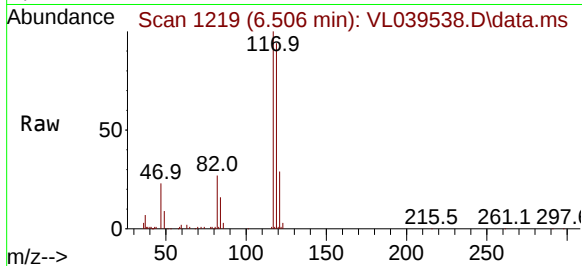
Tgt Ion: 43 Resp: 157112
Ion Ratio Lower Upper
43 100
72 23.6 17.4 26.0





#35
Carbon Tetrachloride
Concen: 0.926 ppbv
RT: 6.506 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

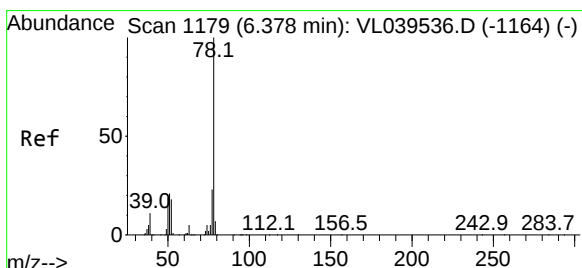
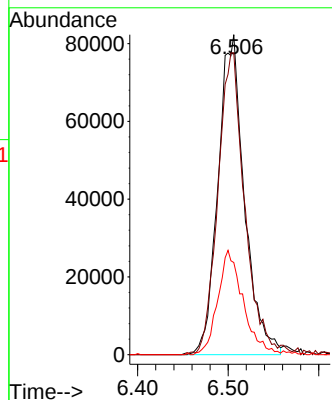
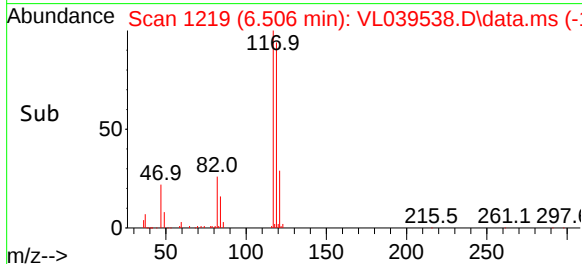
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



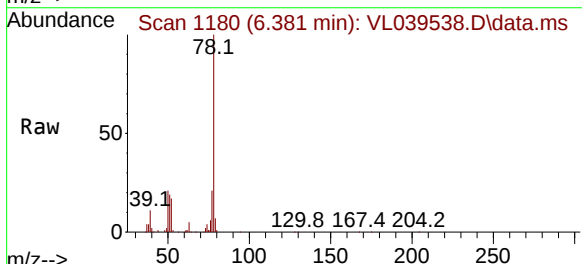
Tgt Ion: 117 Resp: 166398
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4
121 28.8 24.4 36.6

Manual Integrations
APPROVED

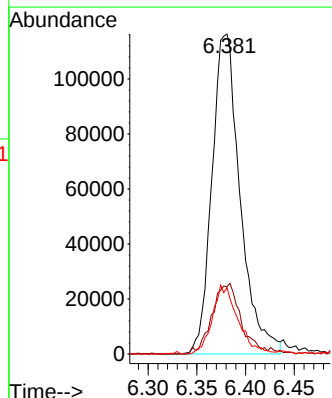
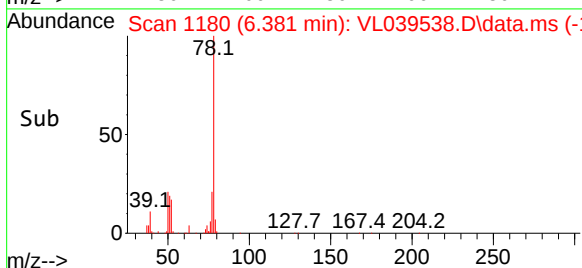
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

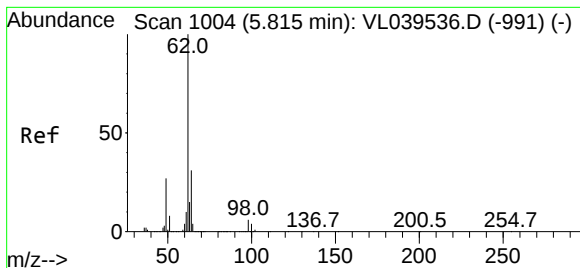


#36
Benzene
Concen: 1.032 ppbv
RT: 6.381 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



Tgt Ion: 78 Resp: 234389
Ion Ratio Lower Upper
78 100
77 21.1 18.6 27.8
50 20.5 15.0 22.4





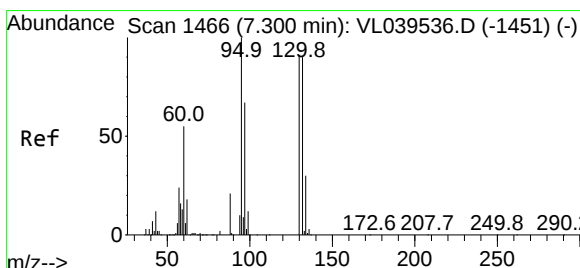
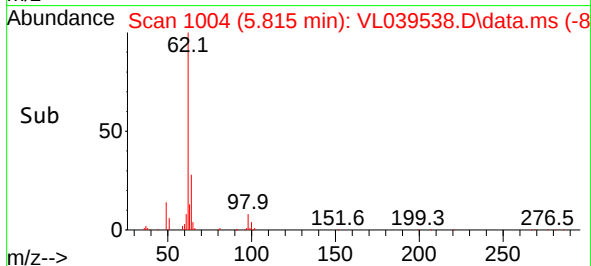
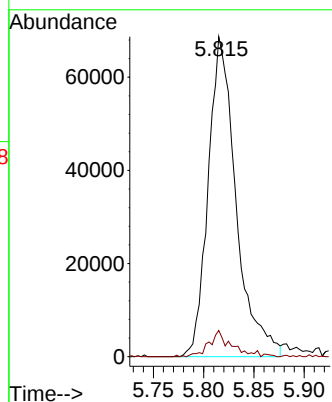
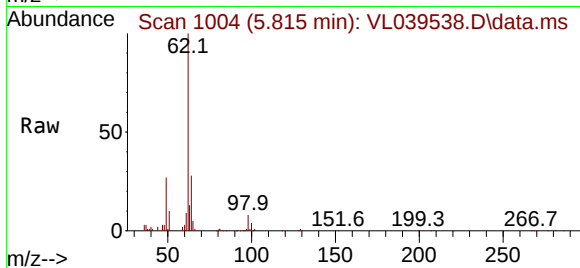
#37
1,2-Dichloroethane
Concen: 0.999 ppbv
RT: 5.815 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 13249
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.2

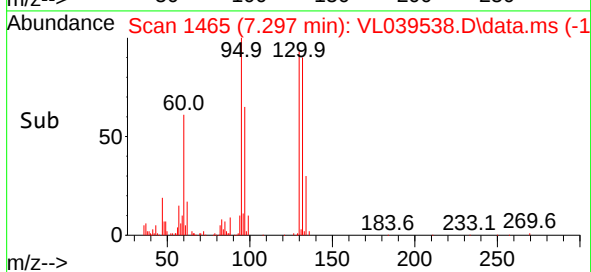
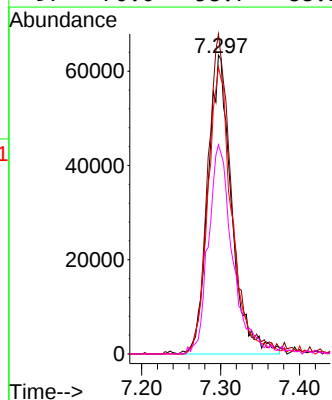
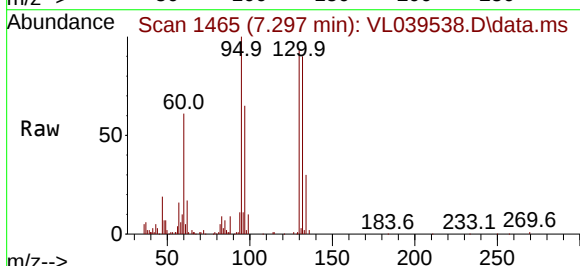
Manual Integrations
APPROVED

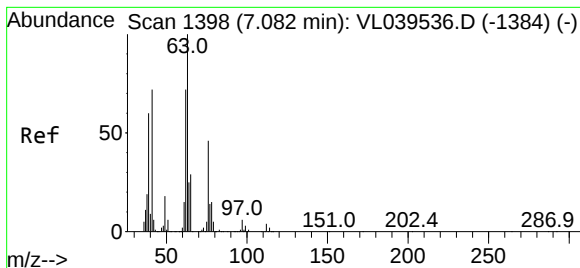
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#38
Trichloroethene
Concen: 1.061 ppbv m
RT: 7.297 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

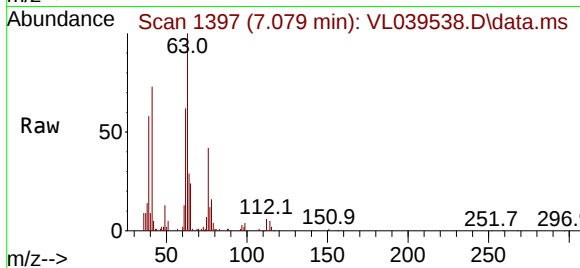
Tgt Ion:130 Resp: 131440
Ion Ratio Lower Upper
130 100
95 107.0 88.0 132.0
132 96.0 79.1 118.7
97 70.0 58.7 88.1





#39
1,2-Dichloropropane
Concen: 1.035 ppbv
RT: 7.079 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

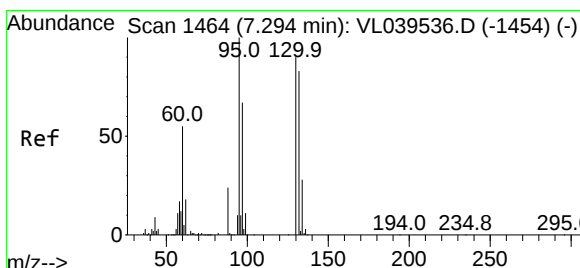
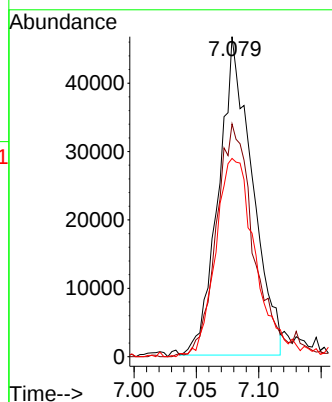
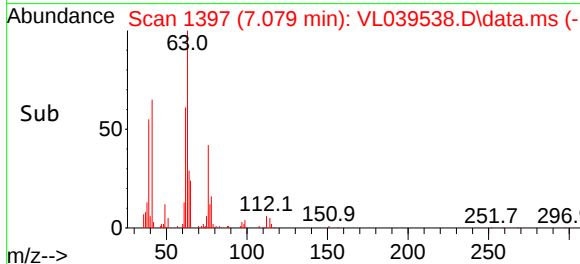
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 63 Resp: 87702
Ion Ratio Lower Upper
63 100
41 72.1 58.0 87.0
62 61.3 57.8 86.8

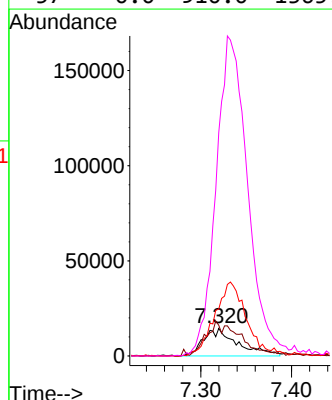
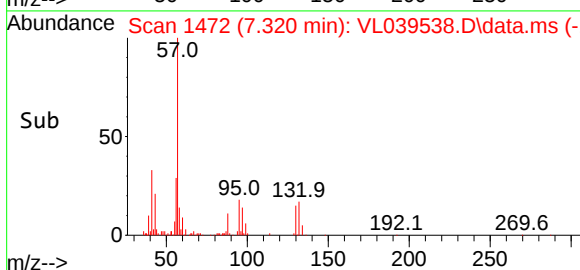
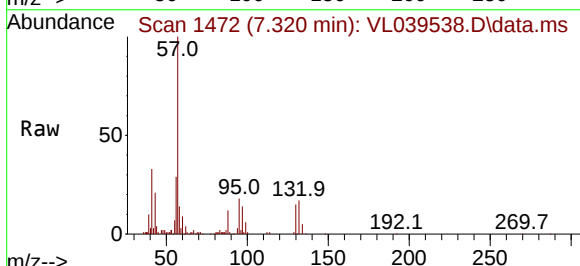
Manual Integrations
APPROVED

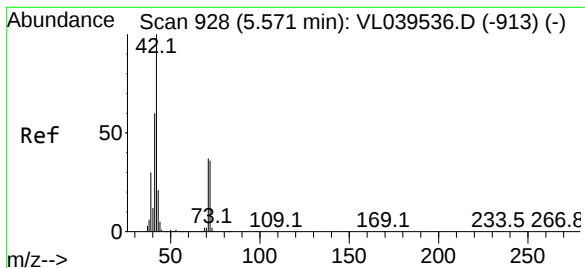
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#40
1,4-Dioxane
Concen: 1.133 ppbv m
RT: 7.320 min Scan# 1472
Delta R.T. 0.026 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

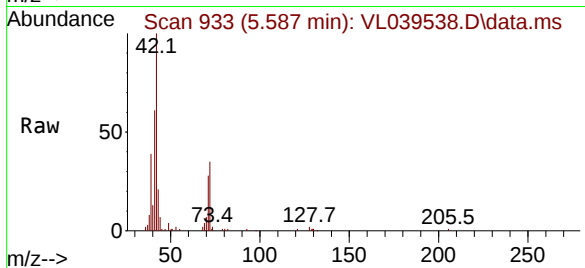
Tgt Ion: 88 Resp: 38026
Ion Ratio Lower Upper
88 100
58 0.0 102.8 154.2#
43 0.0 216.2 324.2#
57 0.0 910.0 1365.0#





#41
Tetrahydrofuran
Concen: 1.047 ppbv m
RT: 5.587 min Scan# 91
Delta R.T. 0.016 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

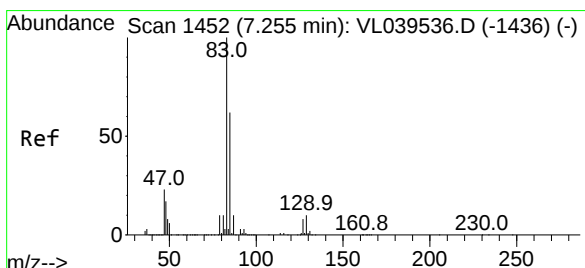
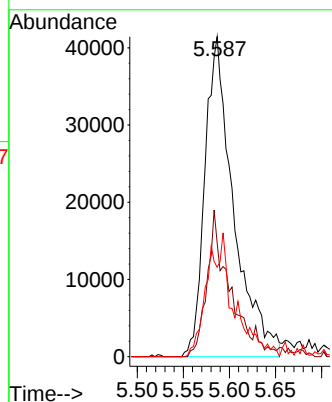
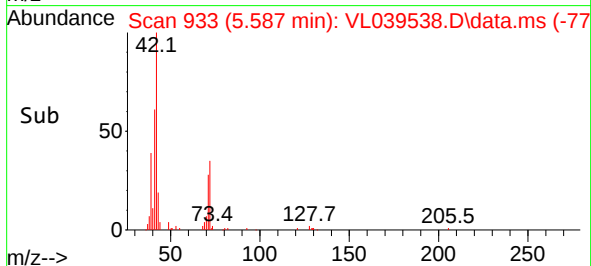
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 8968
Ion Ratio Lower Upper
42 100
72 39.0 30.6 45.8
71 37.9 30.7 46.1

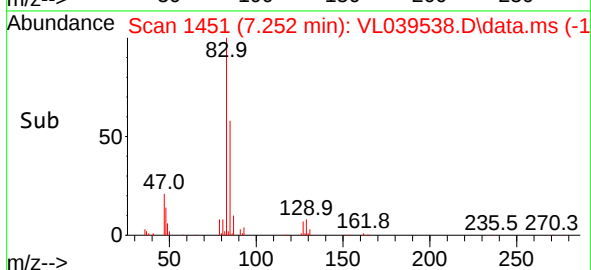
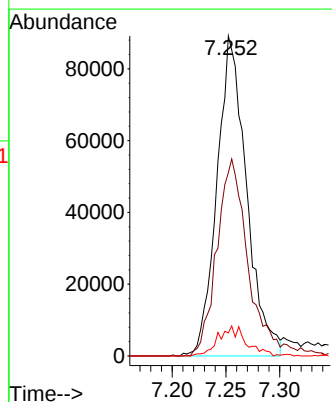
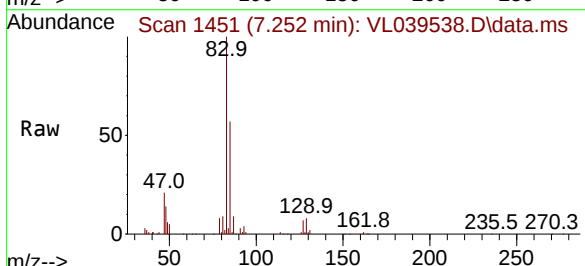
Manual Integrations
APPROVED

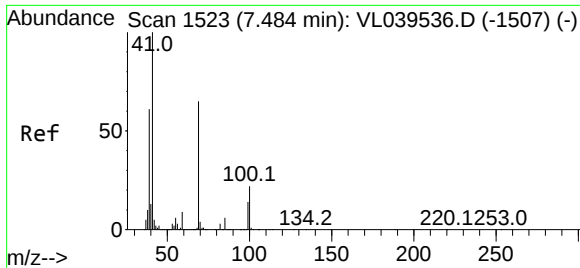
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#42
Bromodichloromethane
Concen: 0.952 ppbv
RT: 7.252 min Scan# 1451
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

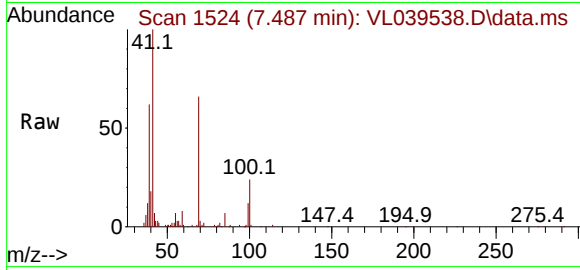
Tgt Ion: 83 Resp: 170611
Ion Ratio Lower Upper
83 100
85 57.3 49.9 74.9
127 7.2 6.7 10.1





#43
Methyl Methacrylate
Concen: 0.910 ppbv
RT: 7.487 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

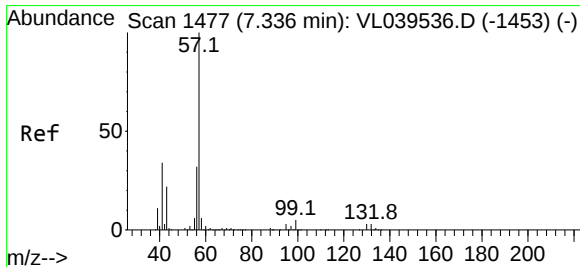
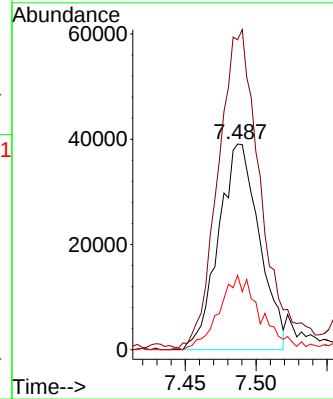
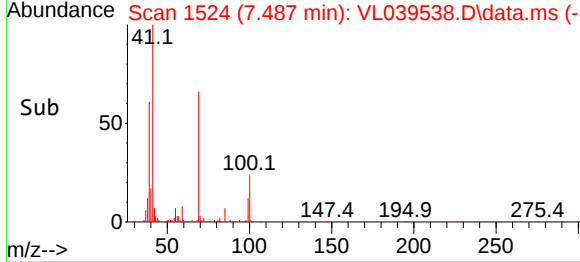
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 7817
Ion Ratio Lower Upper
69 100
41 163.2 123.0 184.6
100 37.7 27.4 41.2

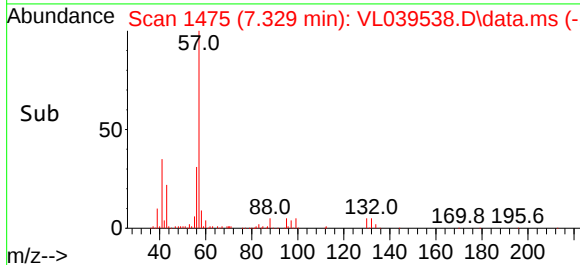
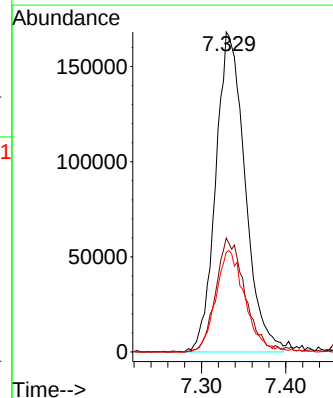
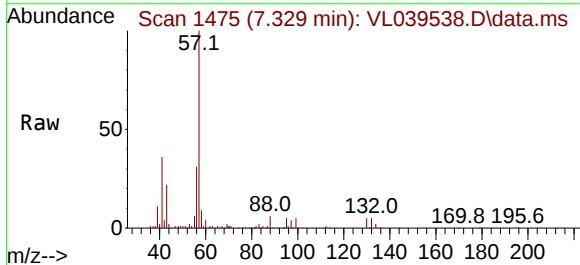
Manual Integrations
APPROVED

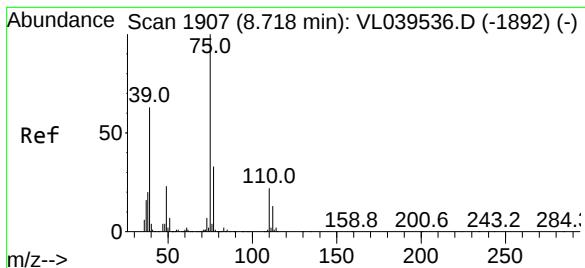
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#44
2,2,4-Trimethylpentane
Concen: 1.056 ppbv
RT: 7.329 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Tgt Ion: 57 Resp: 406051
Ion Ratio Lower Upper
57 100
41 36.0 27.8 41.6
56 32.0 25.5 38.3





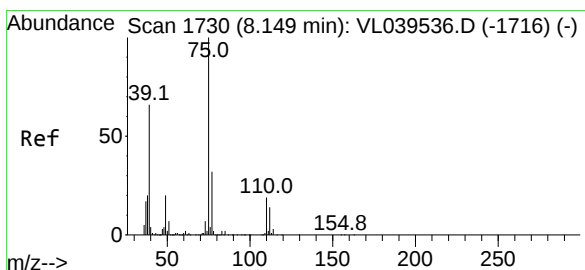
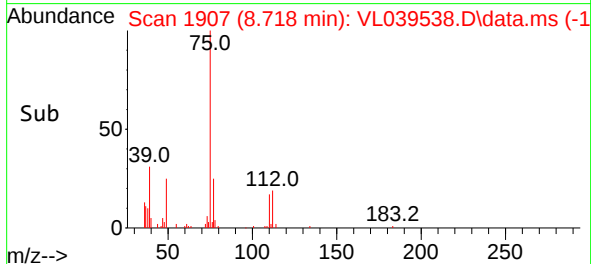
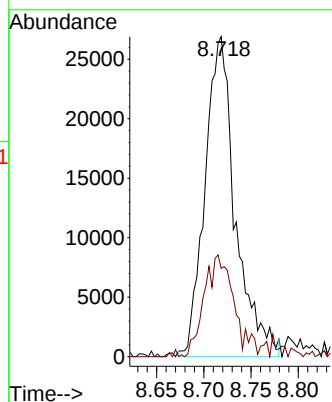
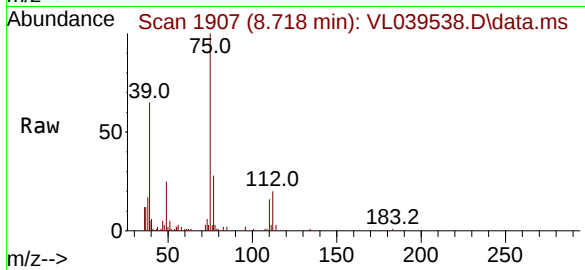
#45
 t-1,3-Dichloropropene
 Concen: 0.802 ppbv m
 RT: 8.718 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 60088
 Ion Ratio Lower Upper
 75 100
 77 27.6 26.2 39.2

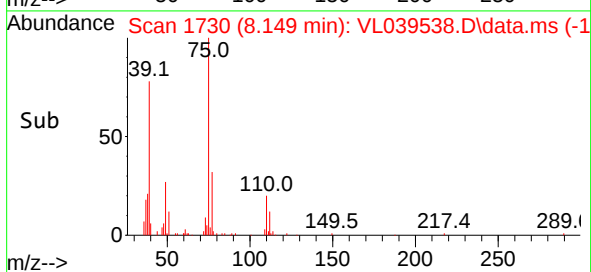
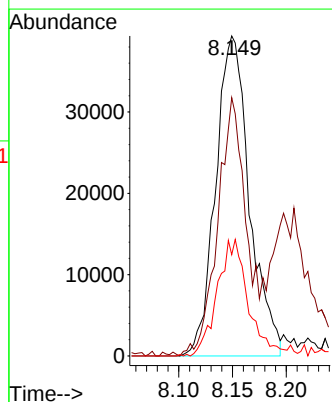
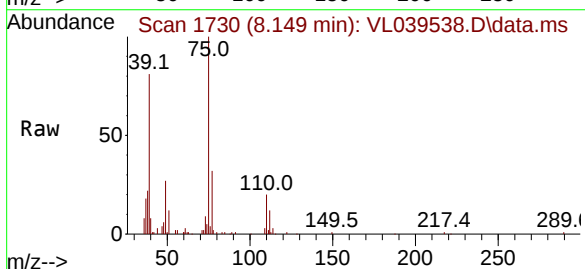
Manual Integrations
 APPROVED

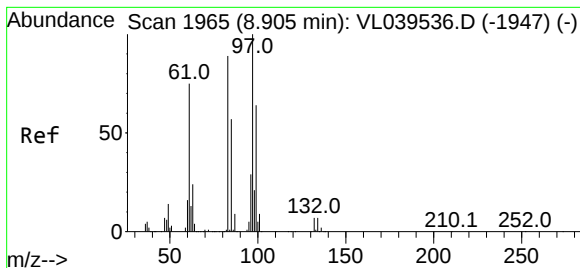
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#46
 cis-1,3-Dichloropropene
 Concen: 0.822 ppbv
 RT: 8.149 min Scan# 1730
 Delta R.T. 0.000 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

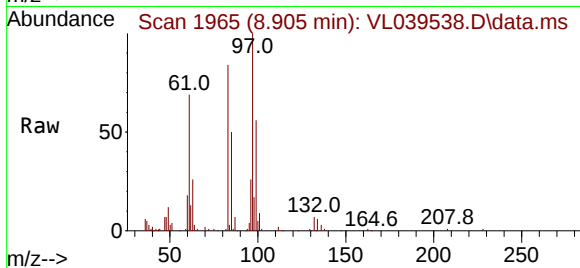
Tgt Ion: 75 Resp: 86045
 Ion Ratio Lower Upper
 75 100
 39 80.7 52.8 79.2#
 77 31.2 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 1.104 ppbv m
RT: 8.905 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

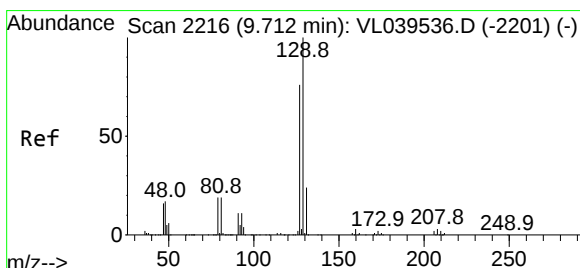
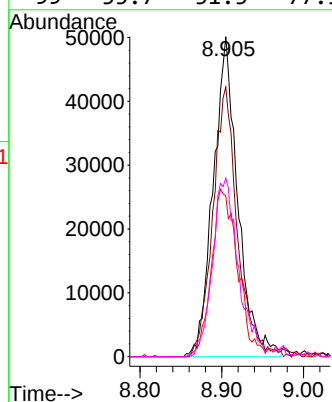
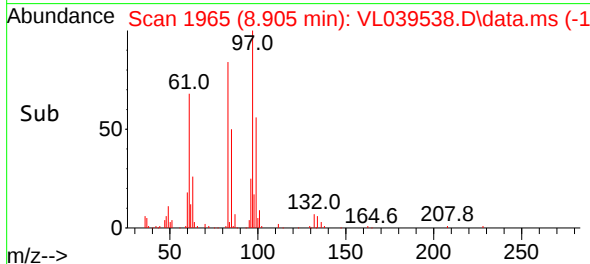
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



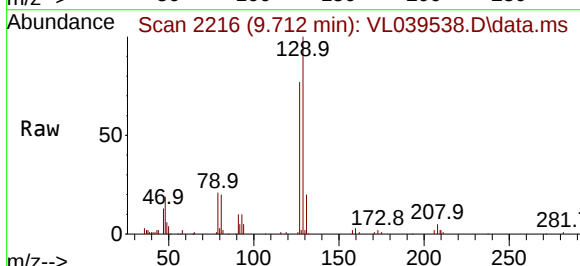
Tgt Ion: 97 Resp: 10496
Ion Ratio Lower Upper
97 100
83 84.3 70.8 106.2
85 50.2 45.4 68.2
99 55.7 51.5 77.3

Manual Integrations
APPROVED

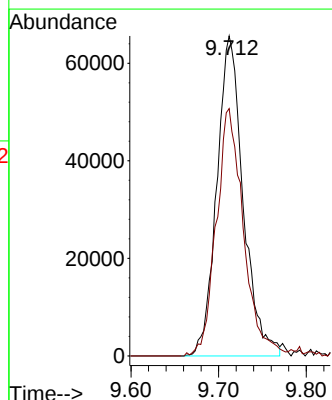
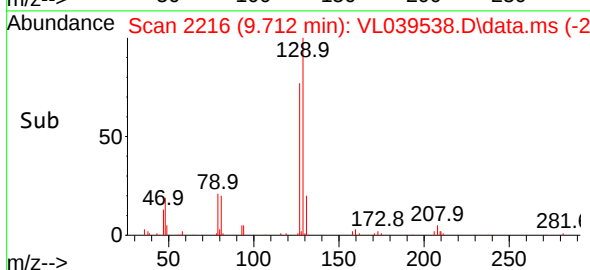
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

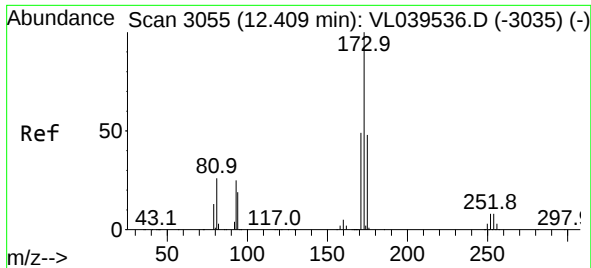


#48
Dibromochloromethane
Concen: 0.915 ppbv m
RT: 9.712 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



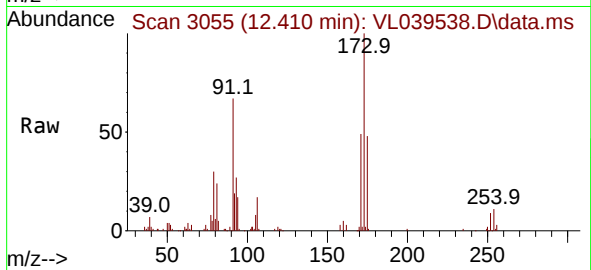
Tgt Ion:129 Resp: 137281
Ion Ratio Lower Upper
129 100
127 81.1 38.8 116.3





#49
Bromoform
Concen: 0.914 ppbv
RT: 12.410 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

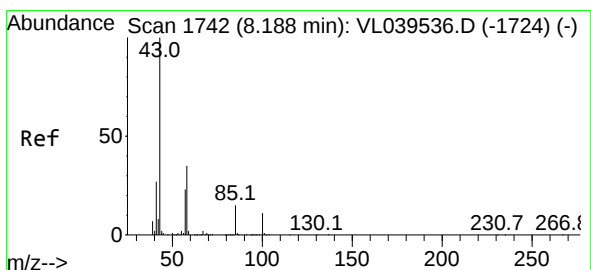
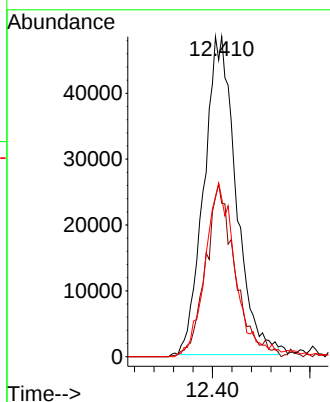
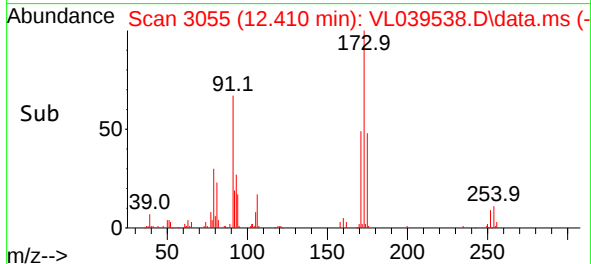
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



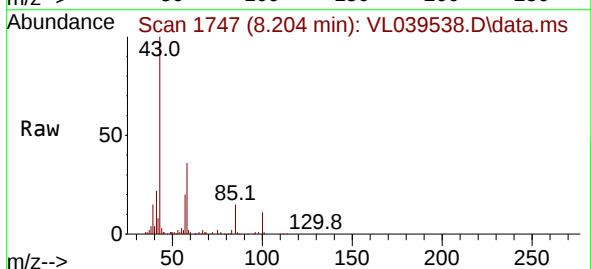
Tgt Ion: 173 Resp: 110750
Ion Ratio Lower Upper
173 100
175 49.8 0.0 0.0
171 53.1 0.0 0.0

Manual Integrations
APPROVED

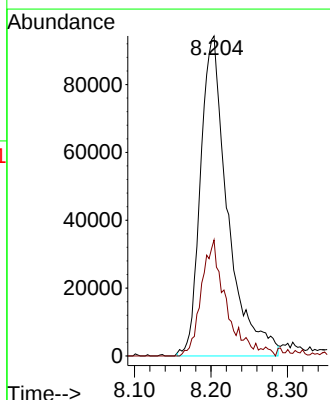
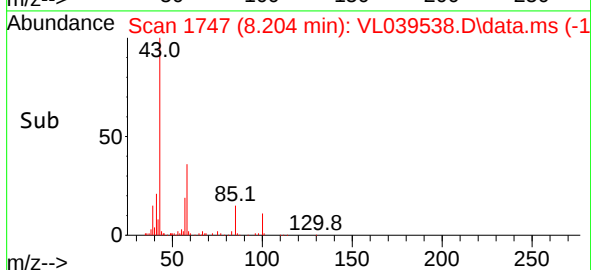
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

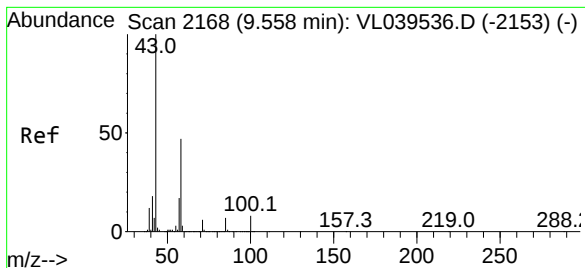


#50
4-Methyl-2-Pentanone
Concen: 1.039 ppbv m
RT: 8.204 min Scan# 1747
Delta R.T. 0.016 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



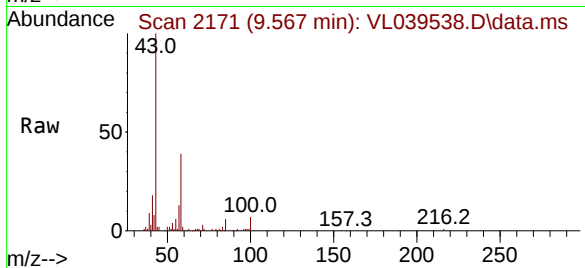
Tgt Ion: 43 Resp: 233222
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0





#51
2-Hexanone
Concen: 0.904 ppbv
RT: 9.567 min Scan# 2168
Delta R.T. 0.010 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

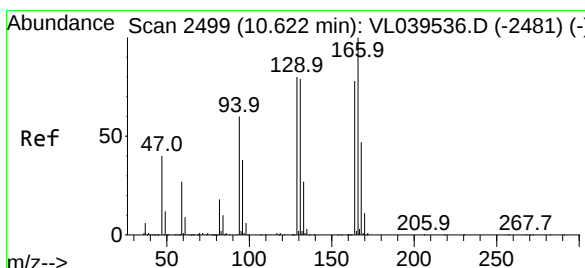
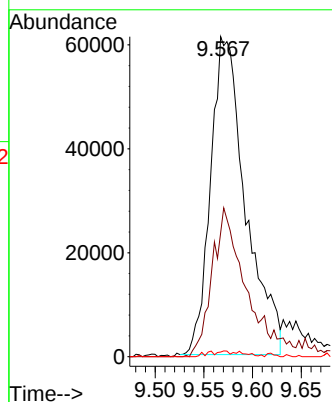
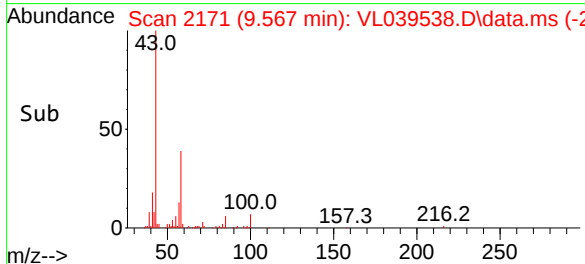
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



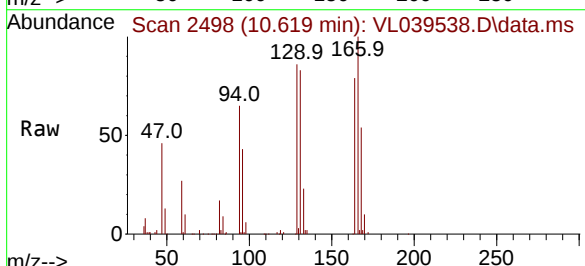
Tgt Ion: 43 Resp: 152960
Ion Ratio Lower Upper
43 100
58 45.3 37.5 56.3
98 1.6 0.5 0.7

Manual Integrations
APPROVED

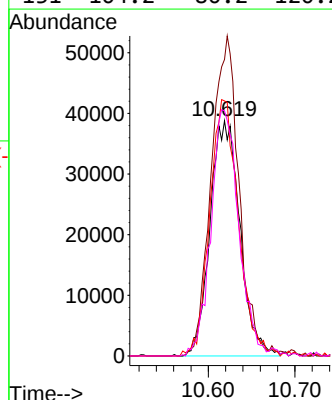
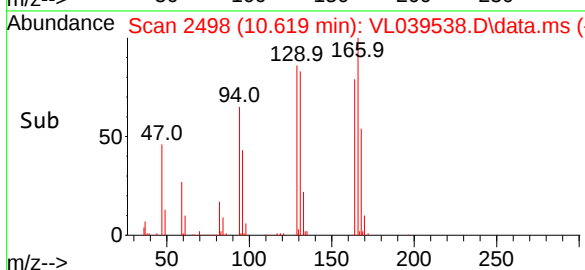
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

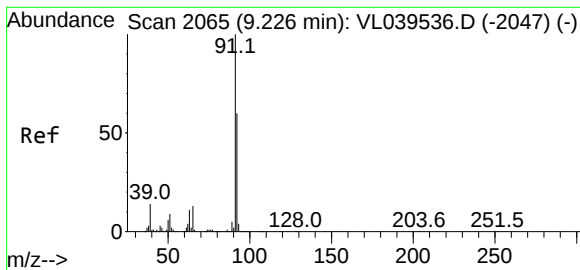


#52
Tetrachloroethene
Concen: 1.018 ppbv
RT: 10.619 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



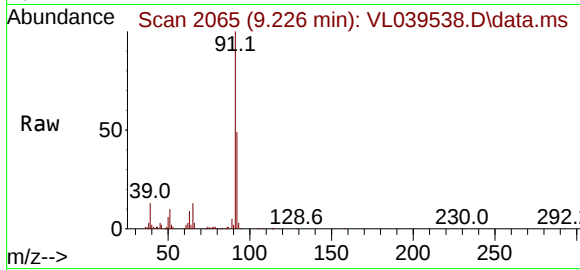
Tgt Ion:164 Resp: 92714
Ion Ratio Lower Upper
164 100
166 126.0 102.0 153.0
129 108.4 81.7 122.5
131 104.2 80.2 120.2





#53
Toluene
Concen: 0.978 ppbv m
RT: 9.226 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

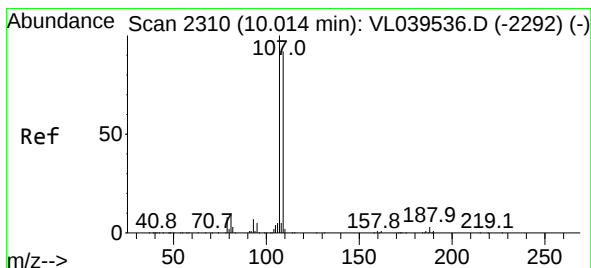
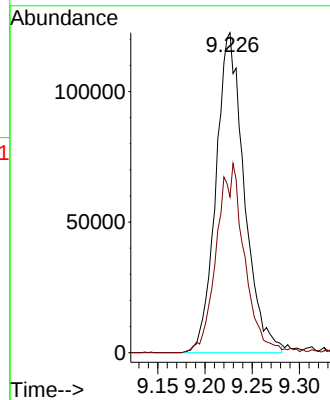
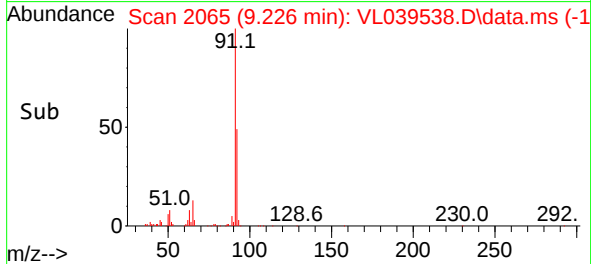
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



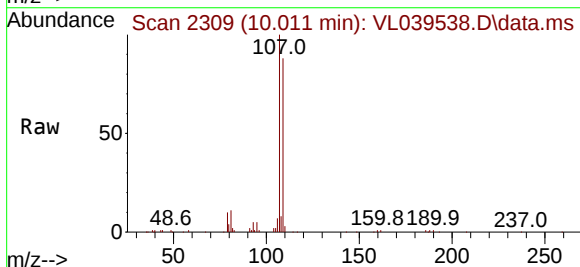
Tgt Ion: 91 Resp: 255214
Ion Ratio Lower Upper
91 100
92 59.0 47.9 71.9

Manual Integrations
APPROVED

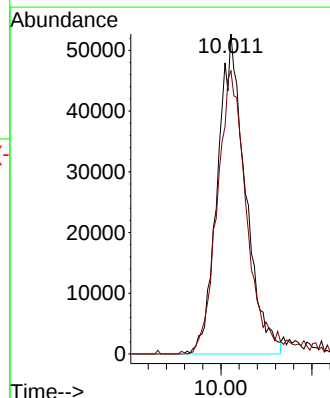
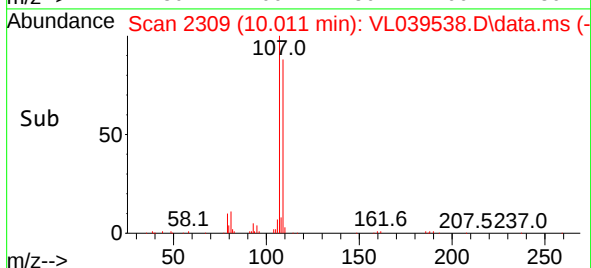
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

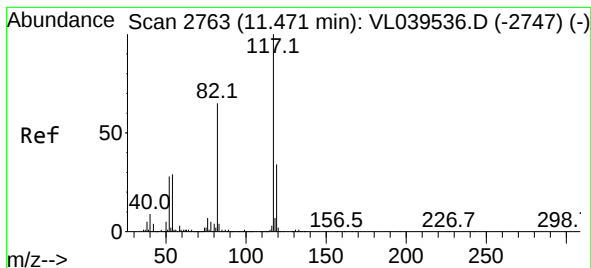


#54
1,2-Dibromoethane
Concen: 0.964 ppbv m
RT: 10.011 min Scan# 2309
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



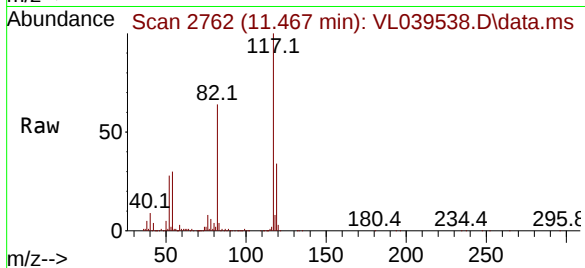
Tgt Ion:107 Resp: 112381
Ion Ratio Lower Upper
107 100
109 88.4 73.4 110.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.467 min Scan# 2762
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

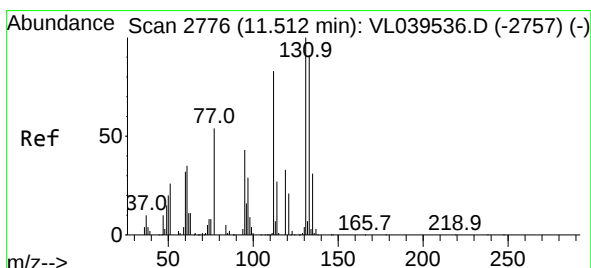
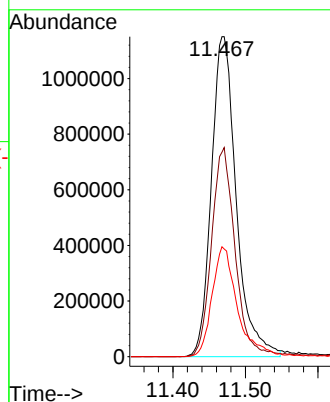
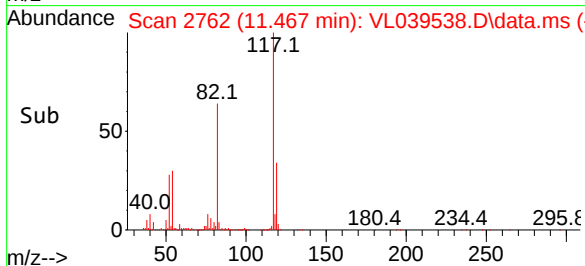
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



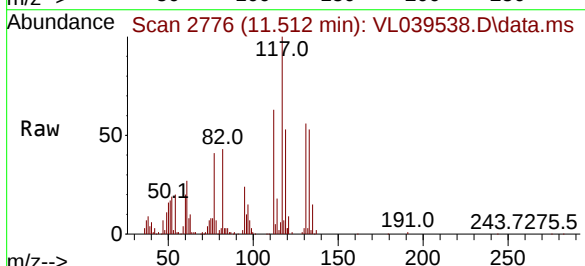
Tgt Ion:117 Resp: 273951
Ion Ratio Lower Upper
117 100
82 63.3 49.1 73.7
119 35.3 25.9 38.9

Manual Integrations
APPROVED

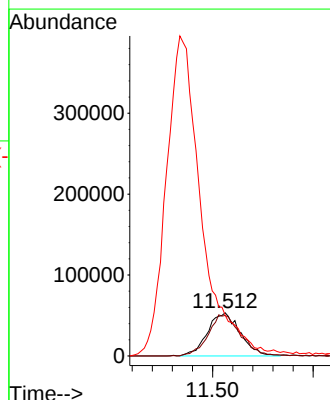
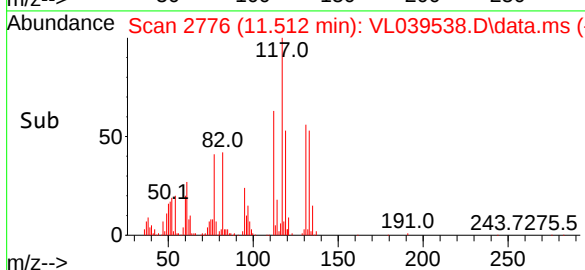
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

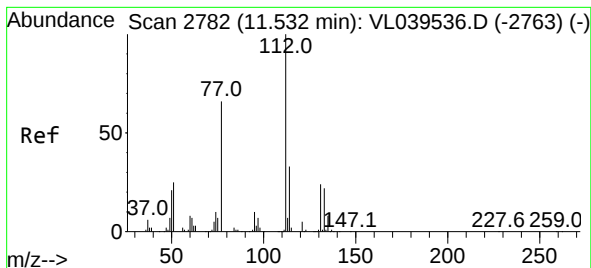


#56
1,1,1,2-Tetrachloroethane
Concen: 1.013 ppbv
RT: 11.512 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



Tgt Ion:131 Resp: 120054
Ion Ratio Lower Upper
131 100
133 95.2 75.4 113.2
119 805.4 47.4 71.2#





#57

Chlorobenzene

Concen: 1.106 ppbv

RT: 11.529 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

Instrument :

MSVOA_L

ClientSampleId :

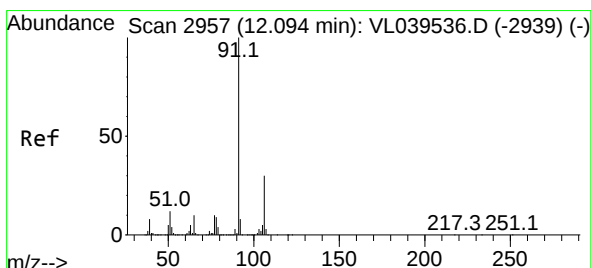
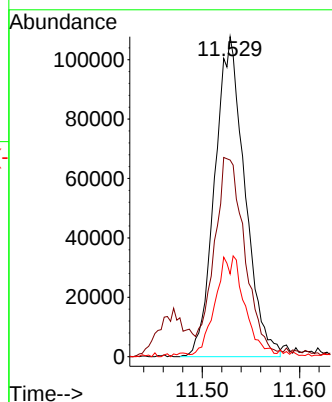
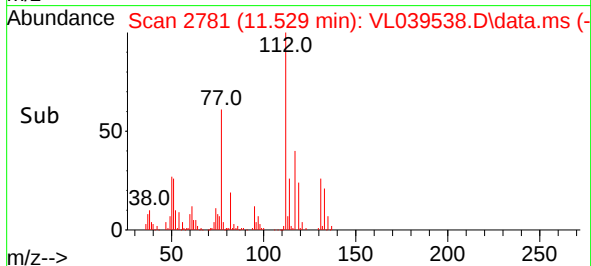
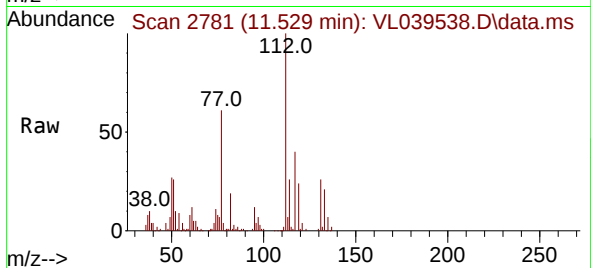
VSTDIC001

Tgt Ion:	112	Resp:	230870
Ion Ratio	Lower	Upper	
112	100		
77	59.3	53.4	80.0
114	24.8	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: 0.951 ppbv

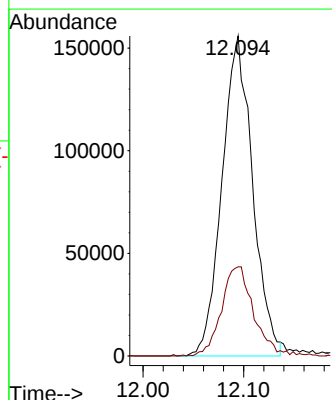
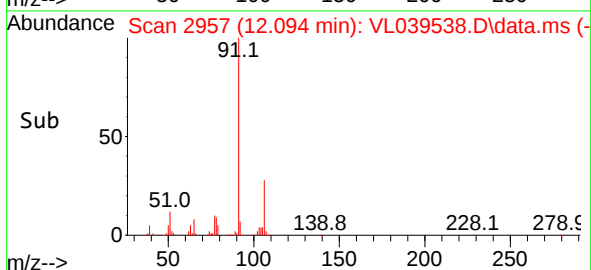
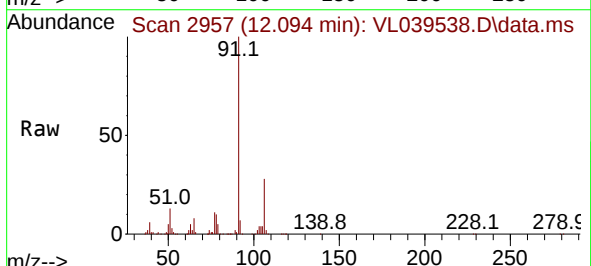
RT: 12.094 min Scan# 2957

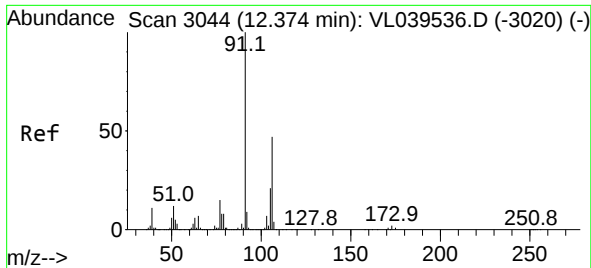
Delta R.T. 0.000 min

Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

Tgt Ion:	91	Resp:	329246
Ion Ratio	Lower	Upper	
91	100		
106	27.7	24.2	36.4





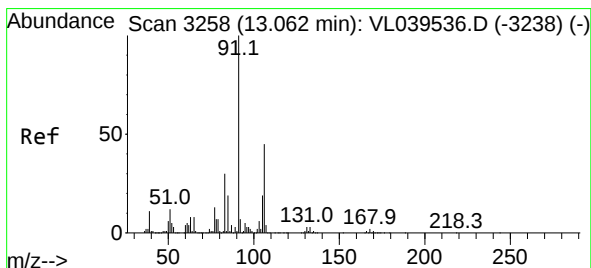
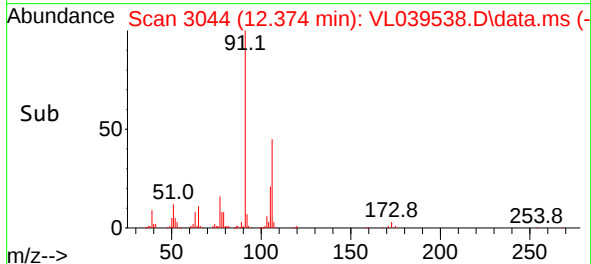
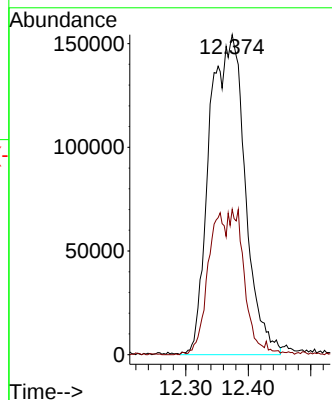
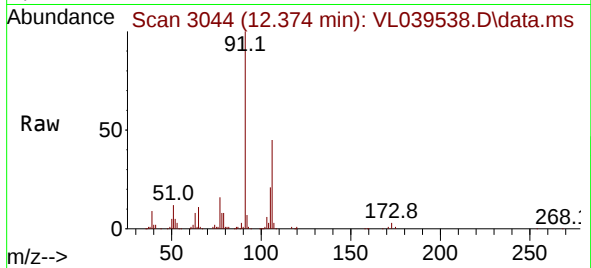
#59
m/p-Xylene
Concen: 2.008 ppbv m
RT: 12.374 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 61194
Ion Ratio Lower Upper
91 100
106 44.4 0.0 0.0

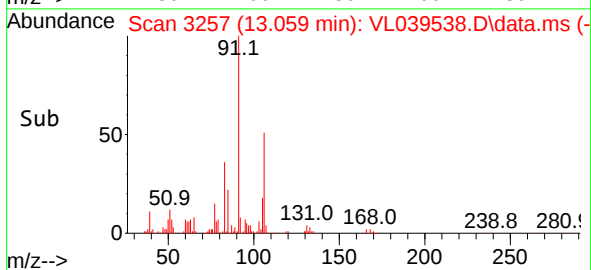
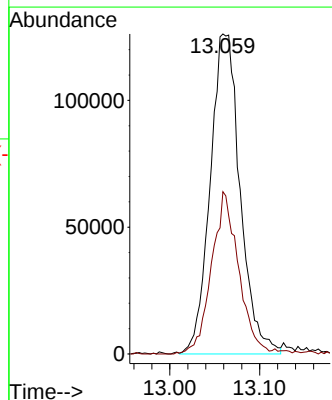
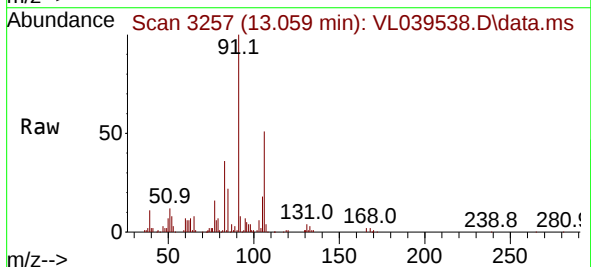
Manual Integrations
APPROVED

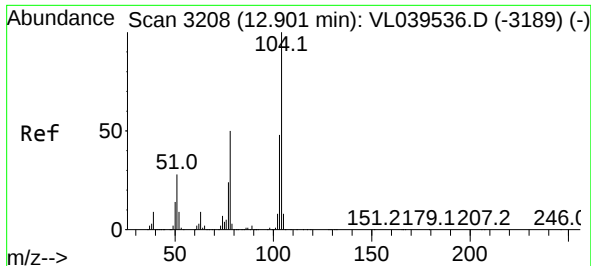
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#60
o-Xylene
Concen: 1.011 ppbv m
RT: 13.059 min Scan# 3257
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

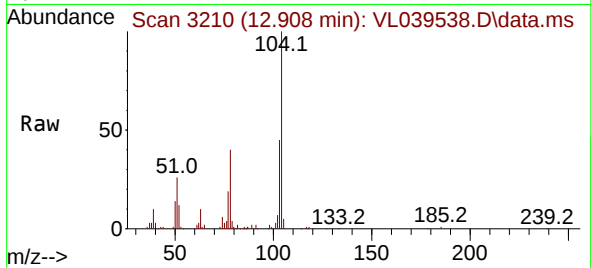
Tgt Ion: 91 Resp: 292350
Ion Ratio Lower Upper
91 100
106 46.3 22.7 68.0





#61
Styrene
Concen: 0.900 ppbv m
RT: 12.908 min Scan# 3189
Delta R.T. 0.006 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

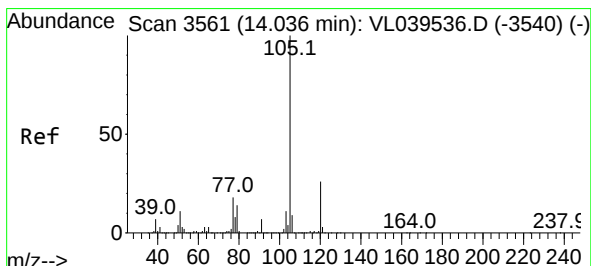
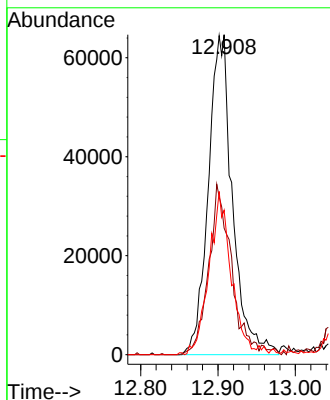
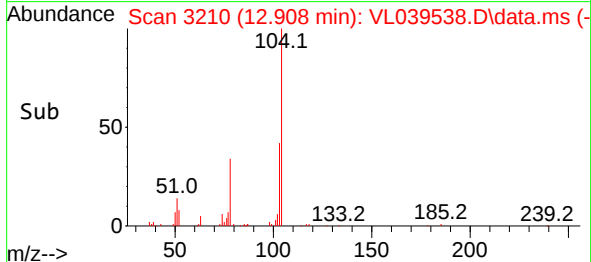
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



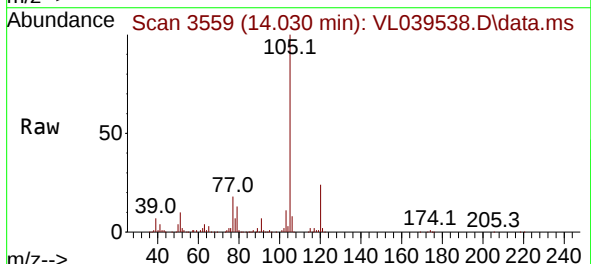
Tgt Ion:104 Resp: 140699
Ion Ratio Lower Upper
104 100
78 51.1 40.0 60.0
103 47.0 38.2 57.2

Manual Integrations
APPROVED

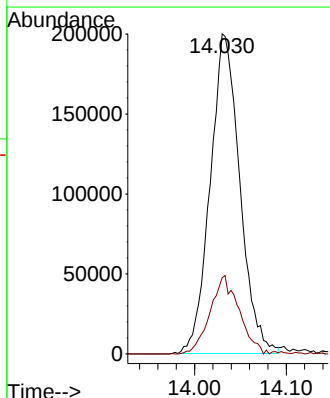
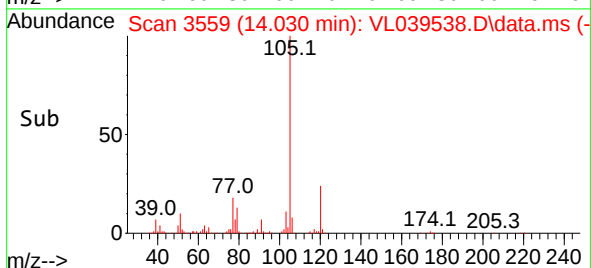
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

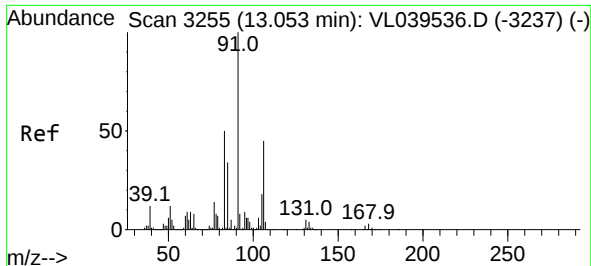


#62
Isopropylbenzene
Concen: 1.020 ppbv
RT: 14.030 min Scan# 3559
Delta R.T. -0.006 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



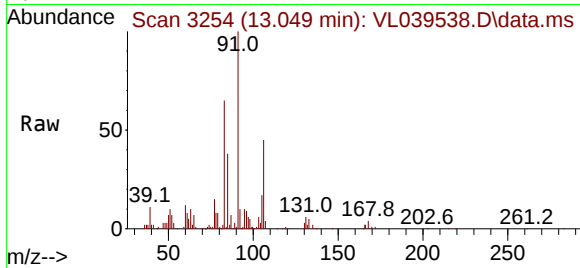
Tgt Ion:105 Resp: 448512
Ion Ratio Lower Upper
105 100
120 24.2 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.952 ppbv m
RT: 13.049 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

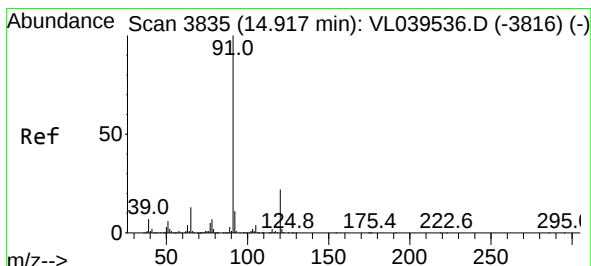
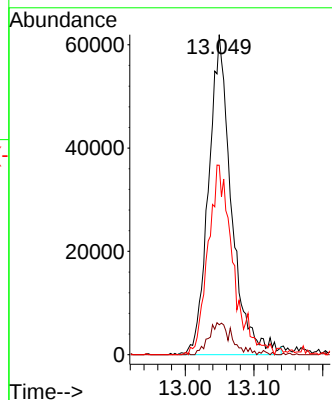
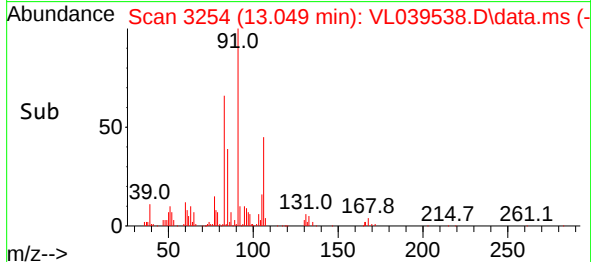
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



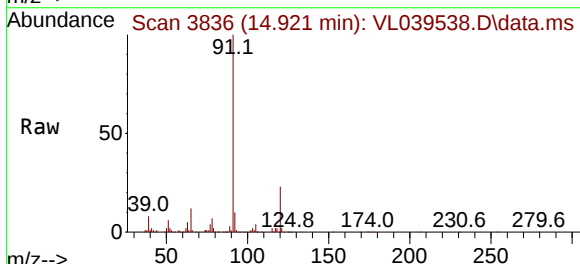
Tgt Ion: 83 Resp: 14344
Ion Ratio Lower Upper
83 100
131 10.7 4.9 14.7
85 66.0 33.2 99.6

Manual Integrations
APPROVED

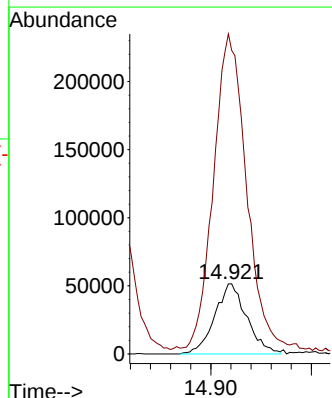
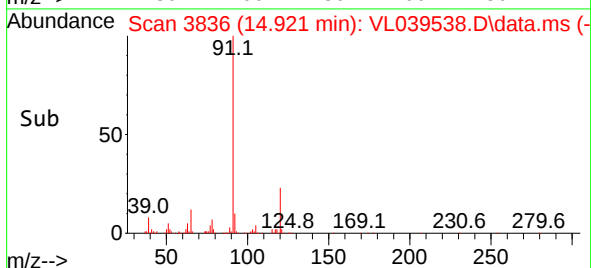
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

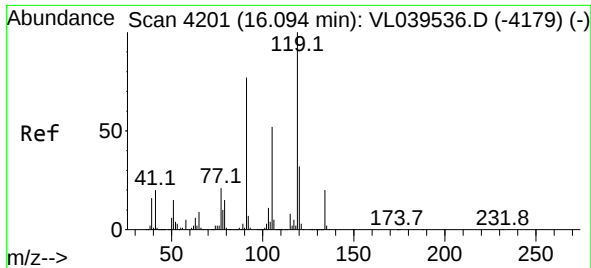


#64
n-propylbenzene
Concen: 1.024 ppbv
RT: 14.921 min Scan# 3836
Delta R.T. 0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



Tgt Ion:120 Resp: 113816
Ion Ratio Lower Upper
120 100
91 490.7 372.6 559.0





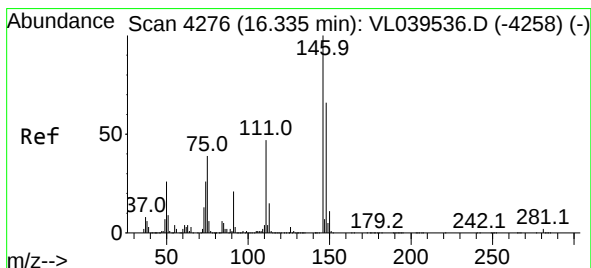
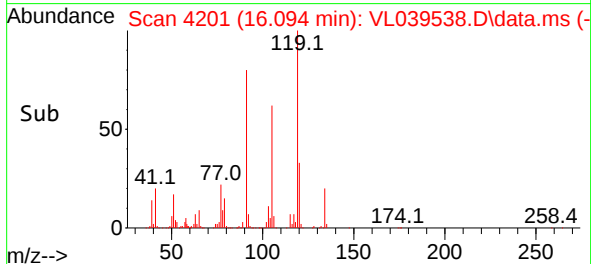
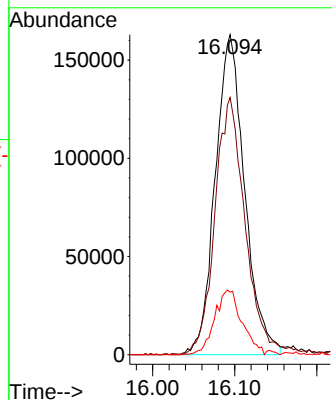
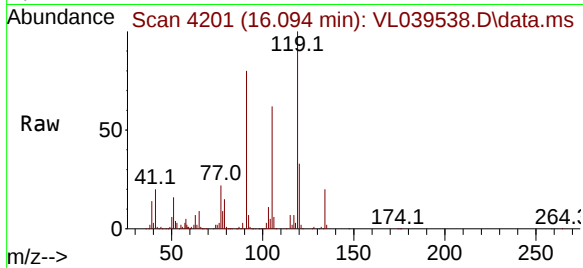
#65
tert-Butylbenzene
Concen: 1.004 ppbv
RT: 16.094 min Scan# 4179
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 119 Resp: 406178
Ion Ratio Lower Upper
119 100
91 84.2 63.8 95.8
134 19.5 15.4 23.2

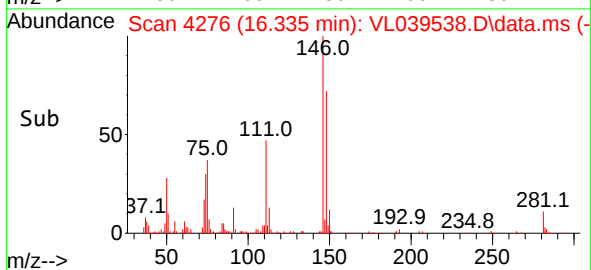
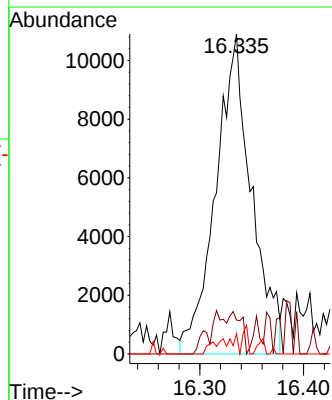
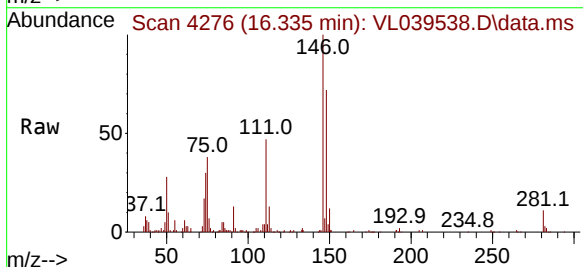
Manual Integrations
APPROVED

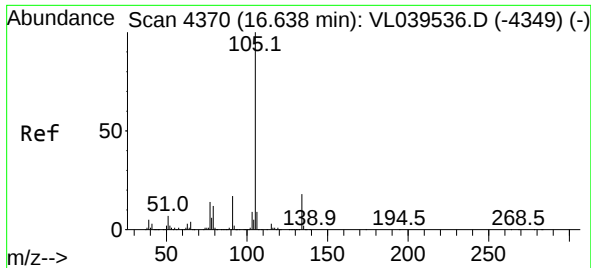
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#66
Benzyl Chloride
Concen: 0.713 ppbv m
RT: 16.335 min Scan# 4276
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

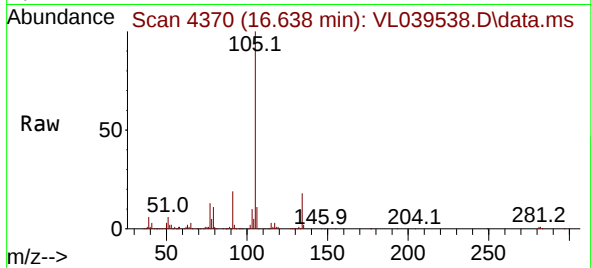
Tgt Ion: 91 Resp: 26137
Ion Ratio Lower Upper
91 100
126 3.6 0.0 0.0#
128 2.8 1.5 2.3#





#67
 sec-Butylbenzene
 Concen: 1.026 ppbv
 RT: 16.638 min Scan# 4370
 Delta R.T. 0.000 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

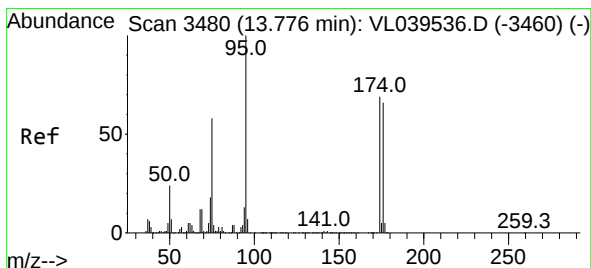
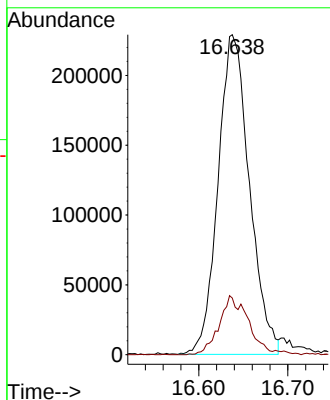
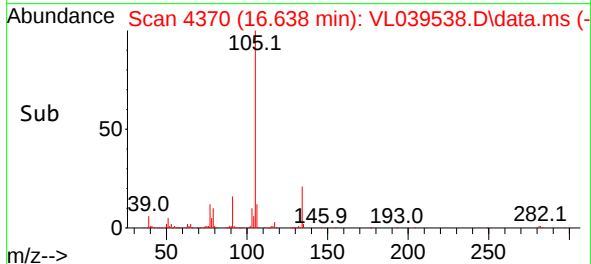
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



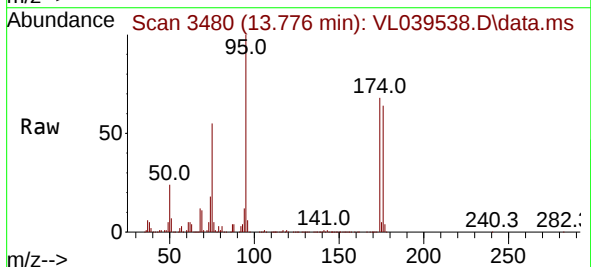
Tgt Ion: 105 Resp: 560972
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.3 21.5

Manual Integrations
 APPROVED

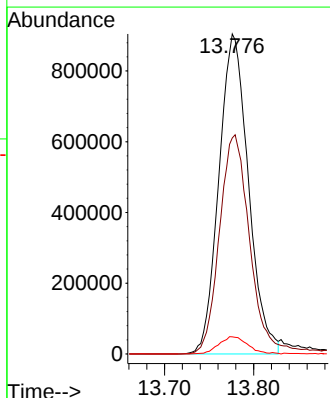
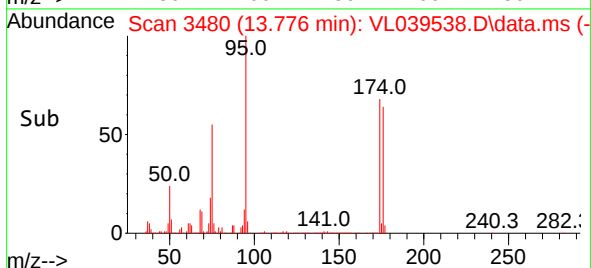
Reviewed By : Semsettin Yesilyurt 08/18/2022
 Supervised By : Mahesh Dadoda 08/19/2022

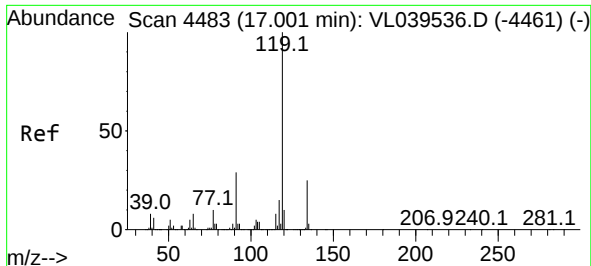


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.216 ppbv
 RT: 13.776 min Scan# 3480
 Delta R.T. 0.000 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56



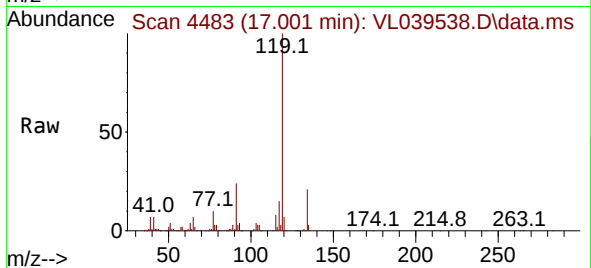
Tgt Ion: 95 Resp: 2077952
 Ion Ratio Lower Upper
 95 100
 174 71.8 56.3 84.5
 175 5.4 4.3 6.5





#69
p-Isopropyltoluene
Concen: 1.006 ppbv
RT: 17.001 min Scan# 4461
Delta R.T. 0.000 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

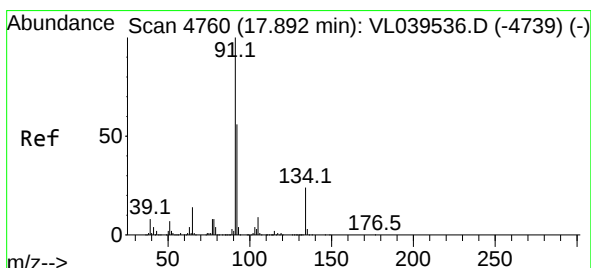
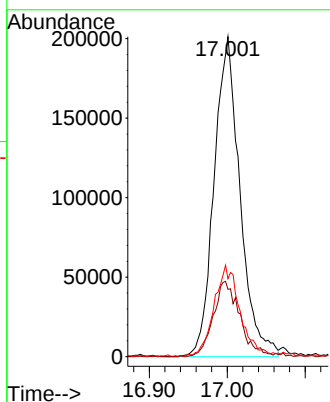
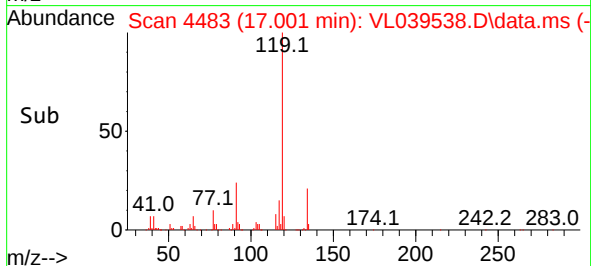
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



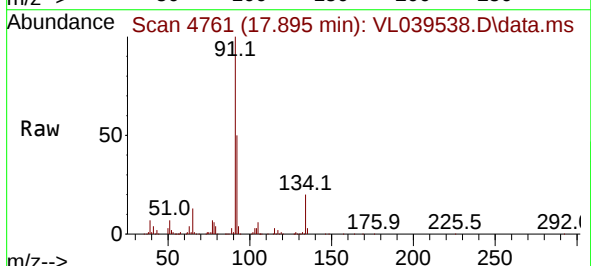
Tgt Ion: 119 Resp: 46464
Ion Ratio Lower Upper
119 100
134 24.6 19.8 29.6
91 29.8 22.6 33.8

Manual Integrations
APPROVED

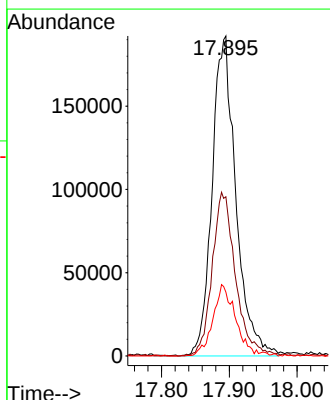
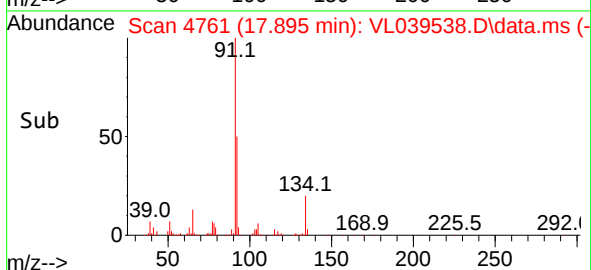
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

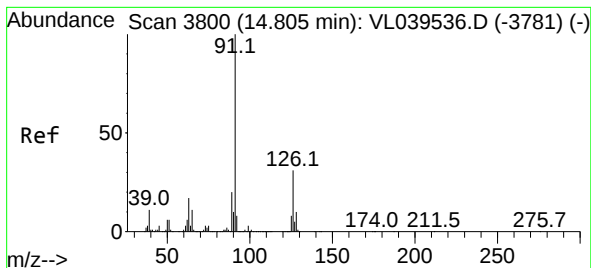


#70
n-Butylbenzene
Concen: 1.040 ppbv
RT: 17.895 min Scan# 4761
Delta R.T. 0.003 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56



Tgt Ion: 91 Resp: 467753
Ion Ratio Lower Upper
91 100
92 50.5 43.0 64.6
134 21.7 18.1 27.1





#71

2-Chlorotoluene

Concen: 1.019 ppbv

RT: 14.805 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 32134

Ion Ratio Lower Upper

91 100

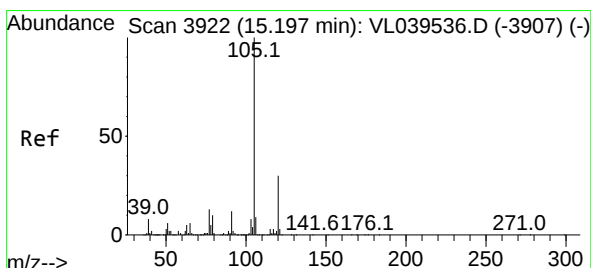
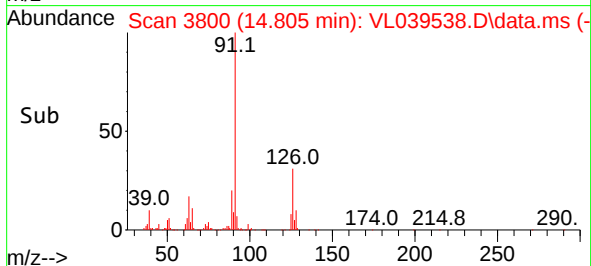
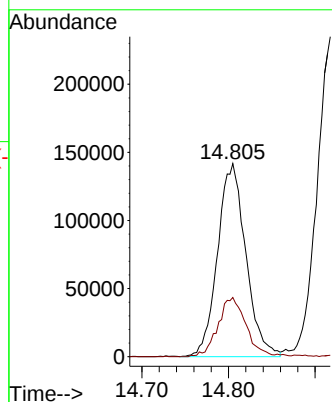
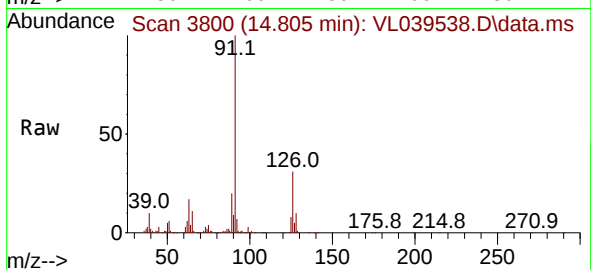
126 31.0 12.9 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#72

4-Ethyltoluene

Concen: 0.967 ppbv

RT: 15.197 min Scan# 3922

Delta R.T. 0.000 min

Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

Tgt Ion:105 Resp: 329512

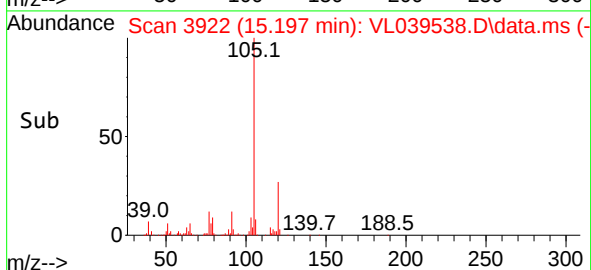
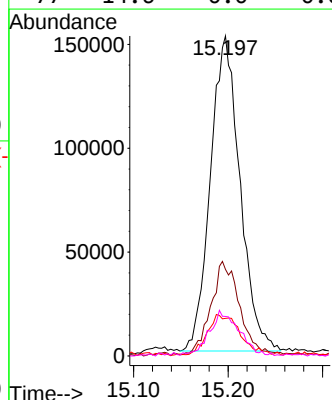
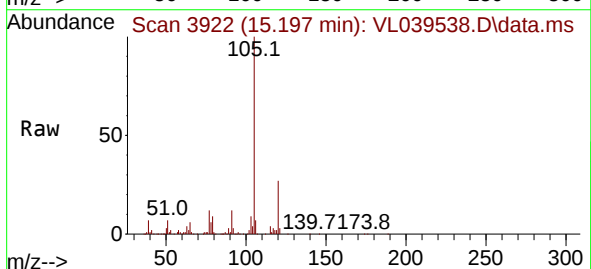
Ion Ratio Lower Upper

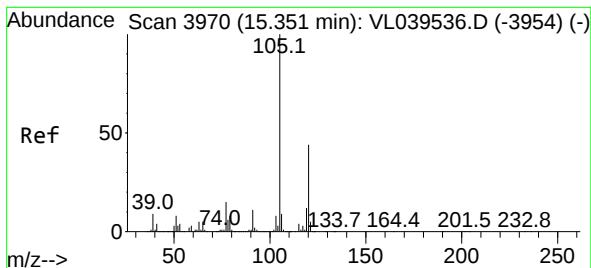
105 100

120 31.2 0.0 0.0#

91 13.7 0.0 0.0#

77 14.6 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 1.006 ppbv m

RT: 15.358 min Scan# 3970

Delta R.T. 0.006 min

Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 313389

Ion Ratio Lower Upper

105 100

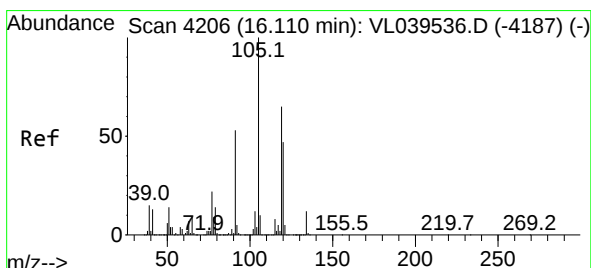
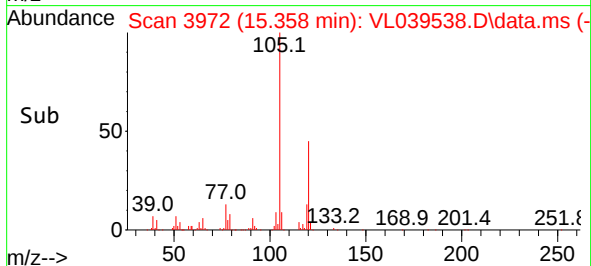
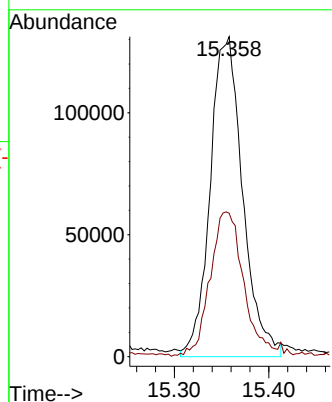
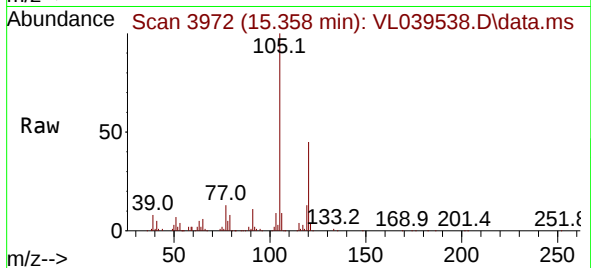
120 44.8 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#74

1,2,4-Trimethylbenzene

Concen: 1.021 ppbv

RT: 16.107 min Scan# 4205

Delta R.T. -0.003 min

Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

Tgt Ion:105 Resp: 350745

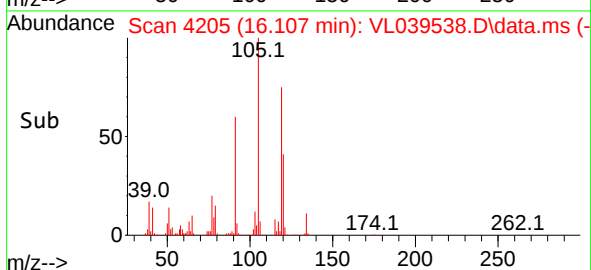
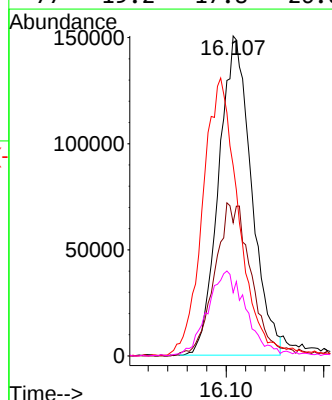
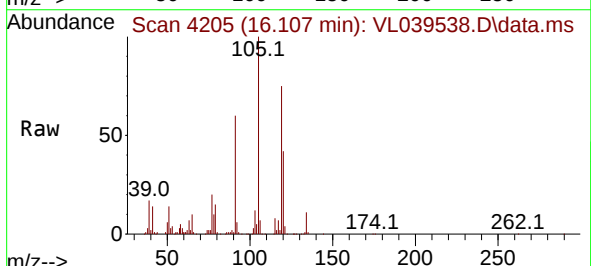
Ion Ratio Lower Upper

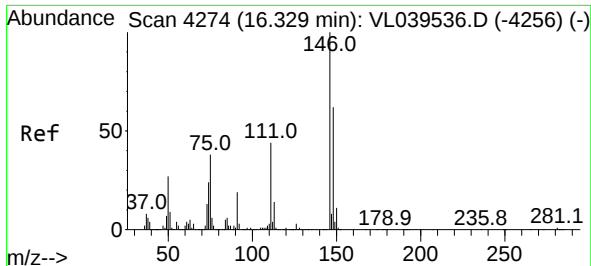
105 100

120 40.7 37.8 56.8

91 56.9 43.8 65.6

77 19.2 17.8 26.6





#75

1,3-Dichlorobenzene

Concen: 1.007 ppbv

RT: 16.329 min Scan# 4274

Delta R.T. 0.000 min

Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

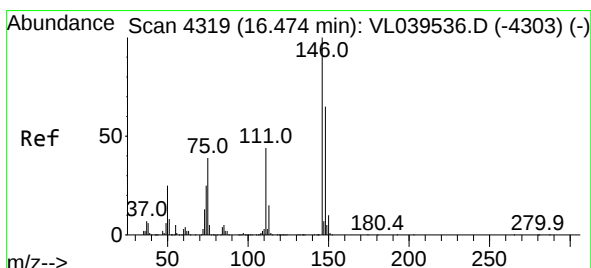
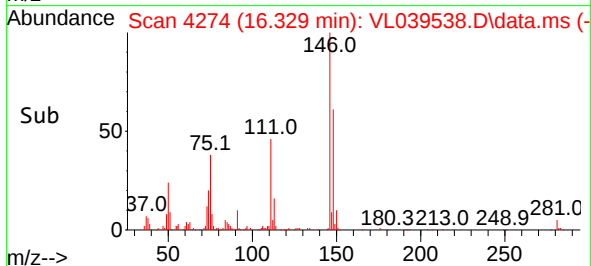
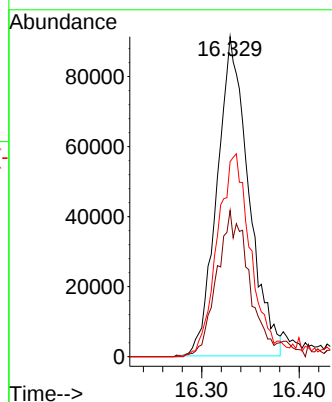
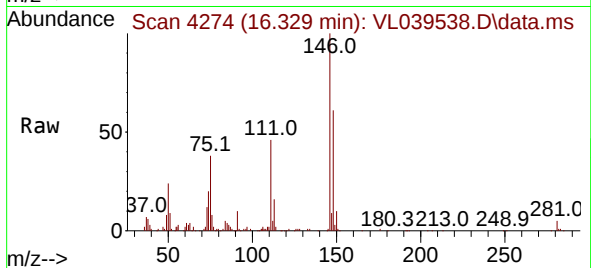
Tgt Ion:146 Resp: 206310

Ion	Ratio	Lower	Upper
146	100		
111	49.2	22.9	68.5
148	69.4	32.4	97.0

Manual Integrations

APPROVED

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



#76

1,4-Dichlorobenzene

Concen: 1.056 ppbv m

RT: 16.474 min Scan# 4319

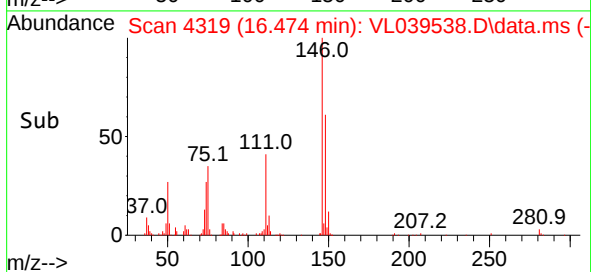
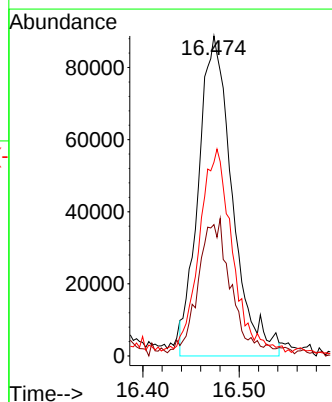
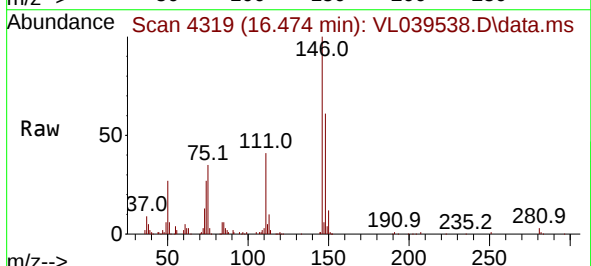
Delta R.T. 0.000 min

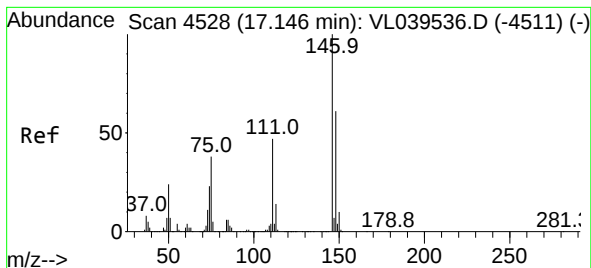
Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

Tgt Ion:146 Resp: 216947

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.3	66.8
148	68.3	31.5	94.5





#77

1,2-Dichlorobenzene

Concen: 1.056 ppbv m

RT: 17.142 min Scan# 4528

Delta R.T. -0.003 min

Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

Instrument :

MSVOA_L

ClientSampleId :

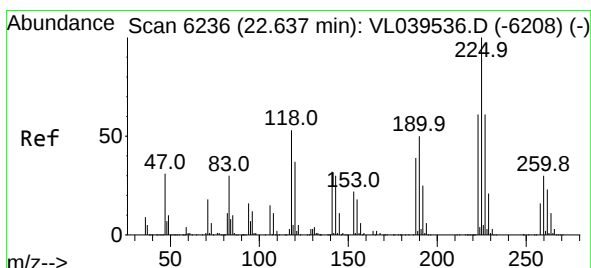
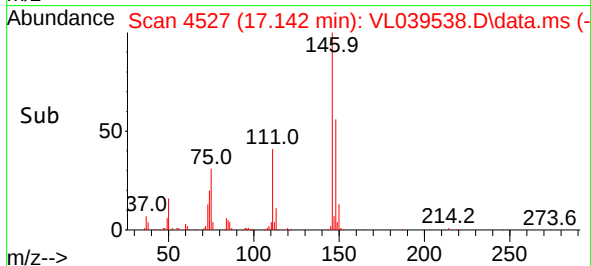
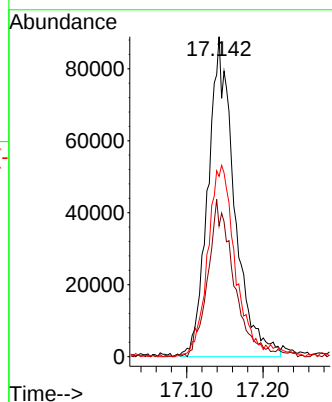
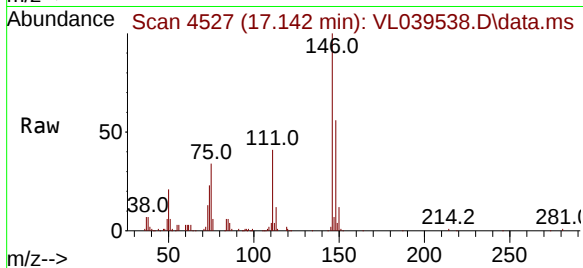
VSTDICC001

Tgt Ion:146 Resp: 214009
 Ion Ratio Lower Upper
 146 100
 111 49.5 23.9 71.8
 148 0.0 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: 1.079 ppbv m

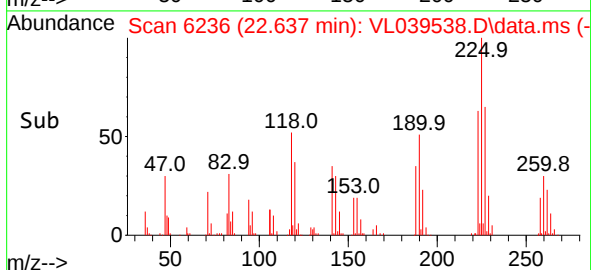
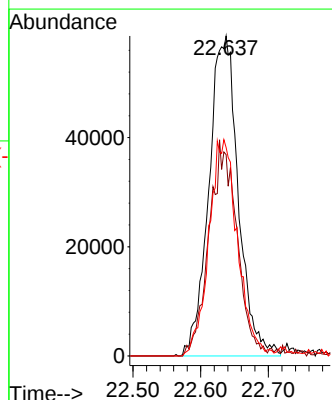
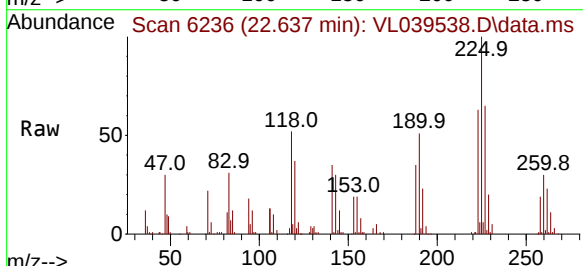
RT: 22.637 min Scan# 6236

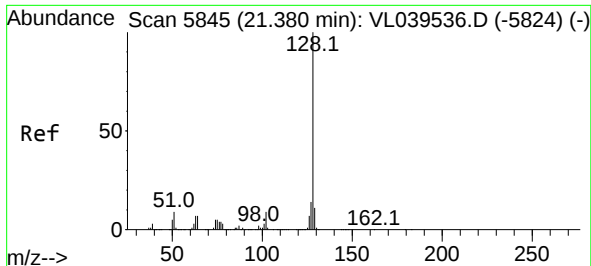
Delta R.T. 0.000 min

Lab File: VL039538.D

Acq: 17 Aug 2022 4:56

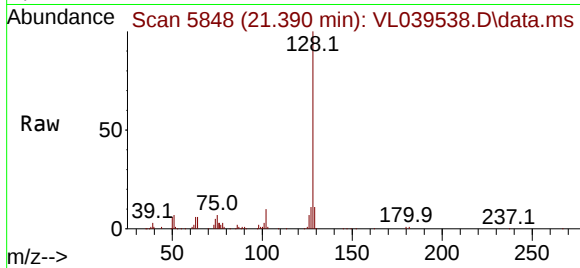
Tgt Ion:225 Resp: 177218
 Ion Ratio Lower Upper
 225 100
 223 64.3 0.0 0.0#
 227 0.0 0.0 0.0





#79
Naphthalene
Concen: 1.053 ppbv
RT: 21.390 min Scan# 5845
Delta R.T. 0.010 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

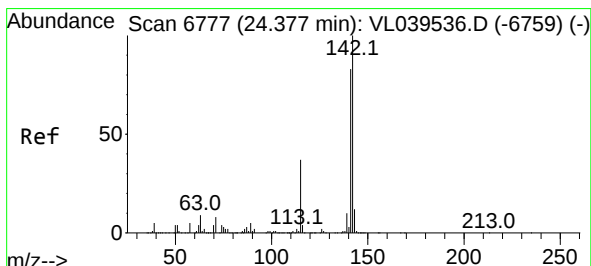
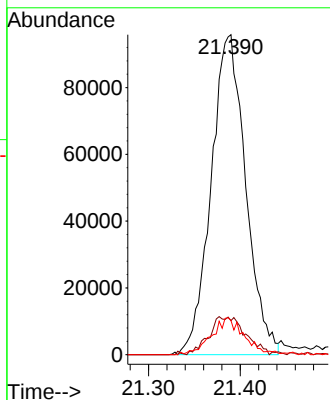
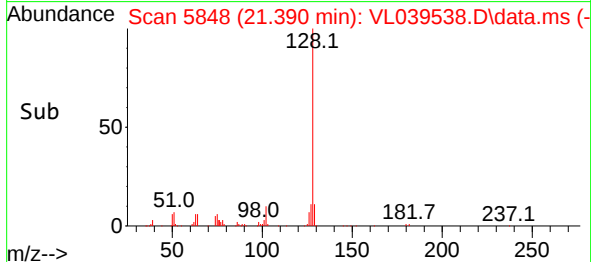
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:128 Resp: 251158
Ion Ratio Lower Upper
128 100
127 9.7 10.8 16.2
129 10.9 9.1 13.7

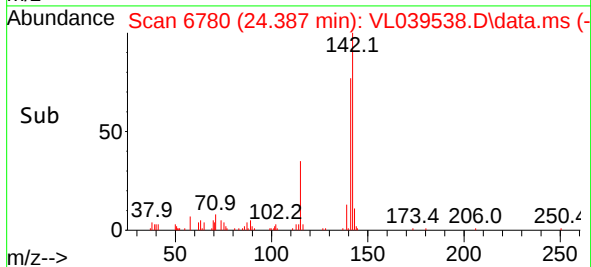
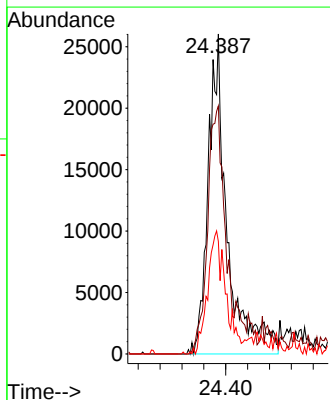
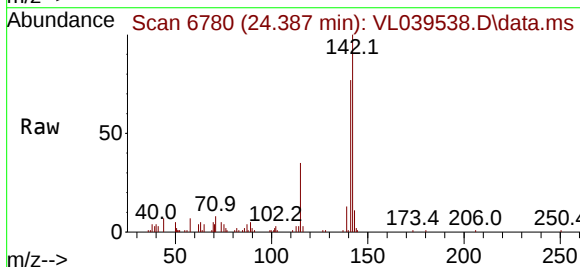
Manual Integrations
APPROVED

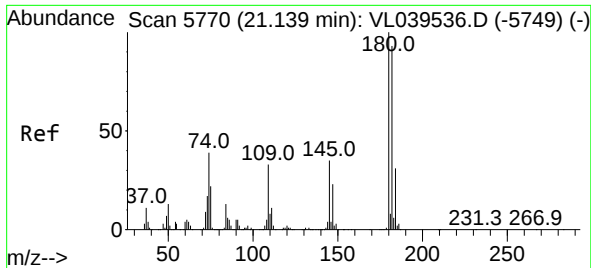
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#80
Naphthalene,2-methyl-
Concen: 0.736 ppbv
RT: 24.387 min Scan# 6780
Delta R.T. 0.010 min
Lab File: VL039538.D
Acq: 17 Aug 2022 4:56

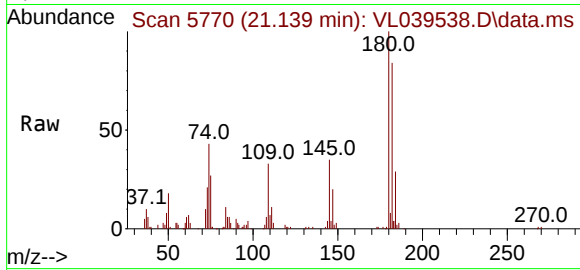
Tgt Ion:142 Resp: 62789
Ion Ratio Lower Upper
142 100
141 79.6 0.0 0.0#
115 37.6 0.0 0.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 1.034 ppbv m
 RT: 21.139 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039538.D
 Acq: 17 Aug 2022 4:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 16005
 Ion Ratio Lower Upper
 180 100
 182 0.0 0.0 0.0
 184 0.0 0.0 0.0

Manual Integrations
 APPROVED

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

