

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038377.D
 Acq On : 22 Feb 2022 5:28
 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 02/23/2022
 Supervised By : Amit Patel 02/23/2022

Quant Time: Feb 22 07:57:22 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 07:53:26 2022

QLast Update : Tue Feb 22 07:53:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	979367	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.150	114	2379928	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.053	117	2211748	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.381 95 1784729 10.551 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	174450	0.890	ppbv	93
3) Chlorodifluoromethane	2.980	51	179372	0.946	ppbv	100
4) Chloromethane	3.131	50	63193	0.967	ppbv	95
5) Vinyl Chloride	3.247	62	60123	0.910	ppbv	90
6) Bromomethane	3.468	94	33011m	0.942	ppbv	
7) Chloroethane	3.549	64	20027m	0.911	ppbv	
8) Dichlorotetrafluoroethane	3.179	85	150368	0.954	ppbv	98
9) Propene	3.002	41	56824	0.922	ppbv	96
10) Heptane	8.092	43	139710	0.880	ppbv	100
11) Trichlorofluoromethane	3.938	101	152391m	0.963	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.465	101	111145	0.929	ppbv	100
13) Ethanol	3.610	45	6200m	0.978	ppbv	
14) Bromoethene	3.732	108	44136m	0.943	ppbv	
15) Acetone	3.851	43	90877m	1.067	ppbv	
16) 1,3-Butadiene	3.321	39	56221m	0.926	ppbv	
17) tert-Butyl alcohol	4.292	59	89531m	0.977	ppbv	
18) 1,1-Dichloroethene	4.275	96	50407m	0.974	ppbv	
19) Isopropyl Alcohol	3.973	45	53886m	1.025	ppbv	
20) Methylene Chloride	4.327	84	43857m	0.900	ppbv	
21) Allyl Chloride	4.398	41	68765m	0.929	ppbv	
22) trans-1,2-Dichloroethene	4.870	96	47465	0.884	ppbv	94
23) Vinyl Acetate	5.057	43	109210m	0.897	ppbv	
24) 1,1-Dichloroethane	4.992	63	101749	0.937	ppbv	# 97
25) Ethyl Acetate	5.668	43	228798m	0.957	ppbv	
26) Hexane	5.668	57	105745m	0.956	ppbv	
27) Carbon Disulfide	4.533	76	109993m	0.868	ppbv	
28) Methyl tert-Butyl Ether	5.028	73	106249m	0.938	ppbv	
29) Chloroform	5.729	83	172368	0.957	ppbv	98
30) Cyclohexane	7.108	84	87939m	0.931	ppbv	
31) cis-1,2-Dichloroethene	5.529	61	100817m	0.999	ppbv	
32) 1,1,1-Trichloroethane	6.484	97	163325	0.908	ppbv	97
34) 2-Butanone	5.237	43	72484	0.922	ppbv	96
35) Carbon Tetrachloride	6.992	117	167237	0.998	ppbv	98
36) Benzene	6.864	78	215232	1.018	ppbv	97
37) 1,2-Dichloroethane	6.285	62	119635	0.987	ppbv	98
38) Trichloroethene	7.809	130	79619m	1.013	ppbv	
39) 1,2-Dichloropropane	7.587	63	85482	1.002	ppbv	95
40) 1,4-Dioxane	7.841	88	23084m	1.112	ppbv	
41) Tetrahydrofuran	6.057	42	49891m	0.947	ppbv	
42) Bromodichloromethane	7.764	83	175627	0.977	ppbv	98
43) Methyl Methacrylate	7.989	69	69907m	0.936	ppbv	
44) 2,2,4-Trimethylpentane	7.841	57	383816	1.032	ppbv	98
45) t-1,3-Dichloropropene	9.250	75	48227	0.800	ppbv	96

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Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

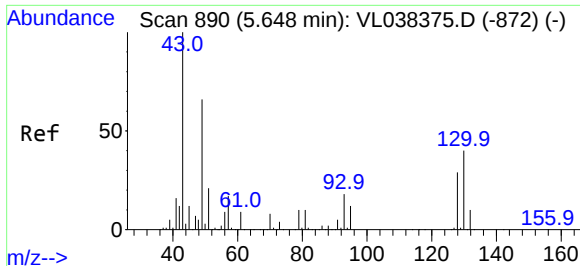
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 07:57:22 2022

QLast Update : Tue Feb 22 07:53:26 2022

Response via : Initial Calibration

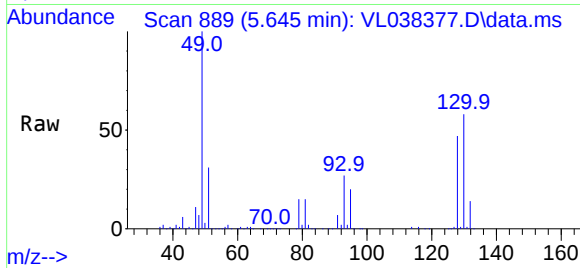
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.674	75	68081	0.844	ppbv	97
47) 1,1,2-Trichloroethane	9.449	97	81881	0.969	ppbv	89
48) Dibromochloromethane	10.272	129	130107	0.915	ppbv	98
49) Bromoform	13.005	173	93582	0.901	ppbv	98
50) 4-Methyl-2-Pentanone	8.729	43	127288m	0.911	ppbv	
51) 2-Hexanone	10.124	43	54210m	0.878	ppbv	
52) Tetrachloroethene	11.198	164	70894m	0.975	ppbv	
53) Toluene	9.777	91	228111	0.978	ppbv	98
54) 1,2-Dibromoethane	10.581	107	111447	0.929	ppbv	92
56) 1,1,1,2-Tetrachloroethane	12.092	131	93486m	0.966	ppbv	
57) Chlorobenzene	12.114	112	176803m	1.003	ppbv	
58) Ethyl Benzene	12.680	91	308353	0.952	ppbv	96
59) m/p-Xylene	12.960	91	538631m	1.944	ppbv	
60) o-Xylene	13.661	91	254487	0.985	ppbv	99
61) Styrene	13.497	104	109869m	0.913	ppbv	
62) Isopropylbenzene	14.635	105	337897	0.980	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.648	83	190490	0.986	ppbv	99
64) n-propylbenzene	15.532	120	81925	0.979	ppbv	81
65) tert-Butylbenzene	16.709	119	298067	1.035	ppbv	97
66) Benzyl Chloride	16.953	91	11852m	0.877	ppbv	
67) sec-Butylbenzene	17.259	105	422376	1.051	ppbv	98
69) p-Isopropyltoluene	17.619	119	316336	1.018	ppbv	97
70) n-Butylbenzene	18.519	91	325995	1.056	ppbv	99
71) 2-Chlorotoluene	15.416	91	261726	1.013	ppbv	97
72) 4-Ethyltoluene	15.809	105	267929	0.977	ppbv	98
73) 1,3,5-Trimethylbenzene	15.960	105	245618	0.992	ppbv	95
74) 1,2,4-Trimethylbenzene	16.728	105	266670	1.019	ppbv	98
75) 1,3-Dichlorobenzene	16.960	146	142468	1.005	ppbv	96
76) 1,4-Dichlorobenzene	17.108	146	146329m	1.069	ppbv	
77) 1,2-Dichlorobenzene	17.783	146	140875	1.062	ppbv	99
78) Hexachloro-1,3-Butadiene	23.345	225	114497m	1.236	ppbv	
79) Naphthalene	22.172	128	114590m	0.906	ppbv	
80) Naphthalene,2-methyl-	24.956	142	13092m	0.811	ppbv	
81) 1,2,4-Trichlorobenzene	21.895	180	75180m	1.004	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 890
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

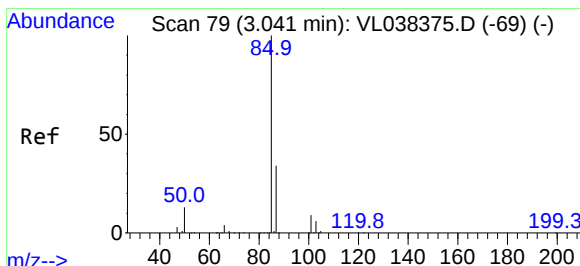
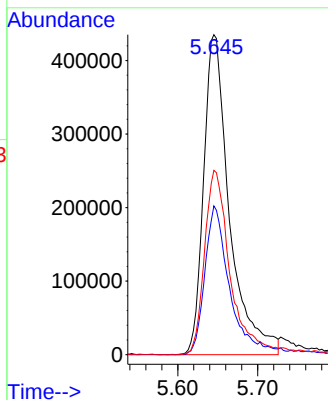
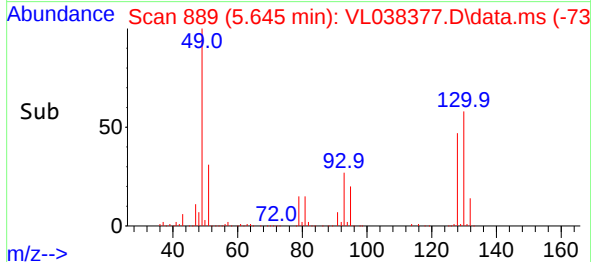
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 49 Resp: 97936
Ion Ratio Lower Upper
49 100
128 46.8 24.3 72.9
130 60.0 30.1 90.5

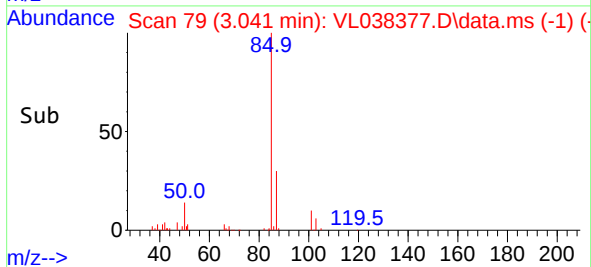
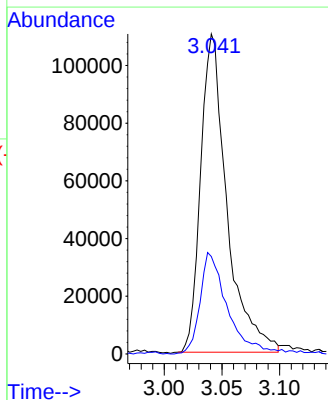
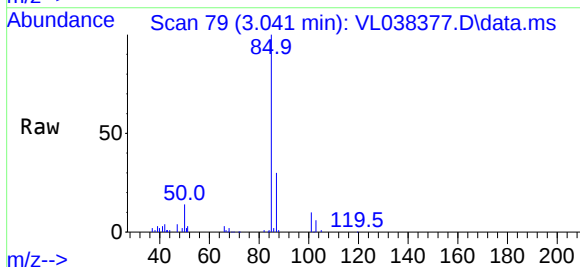
Manual Integrations
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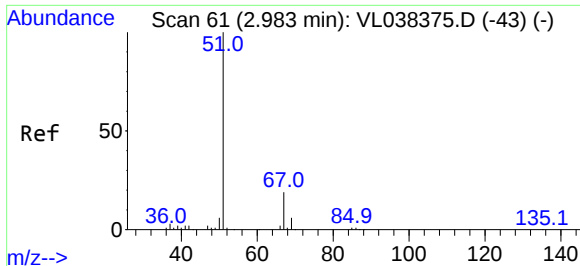
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#2
Dichlorodifluoromethane
Concen: 0.890 ppbv
RT: 3.041 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

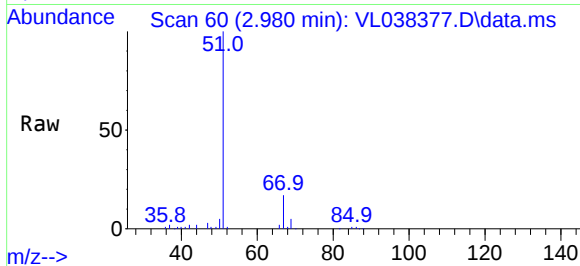
Tgt Ion: 85 Resp: 174450
Ion Ratio Lower Upper
85 100
87 30.4 27.4 41.0





#3
Chlorodifluoromethane
Concen: 0.946 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

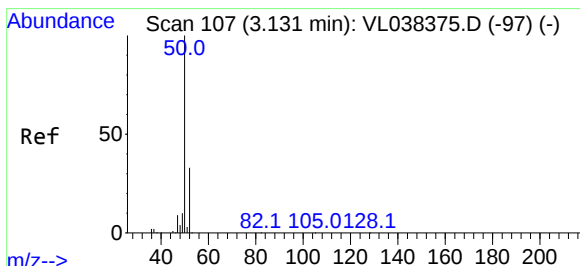
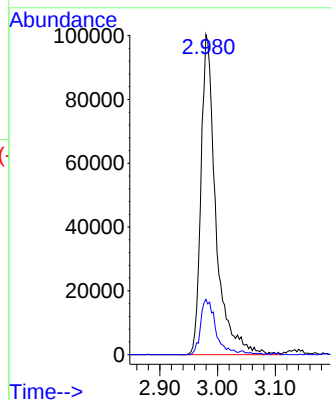
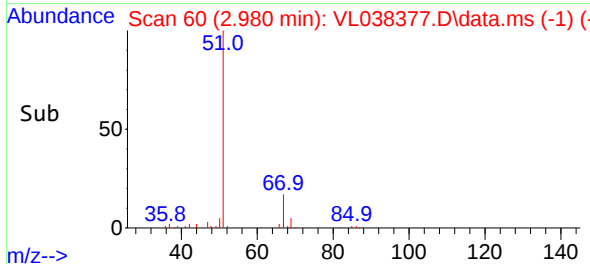
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 51 Resp: 179372
Ion Ratio Lower Upper
51 100
67 18.3 14.7 22.1

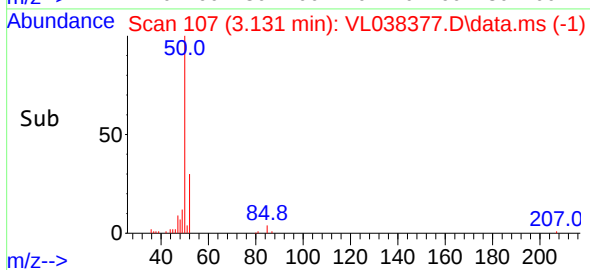
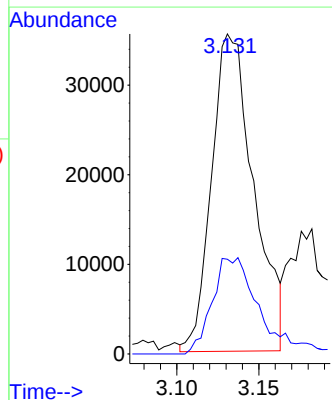
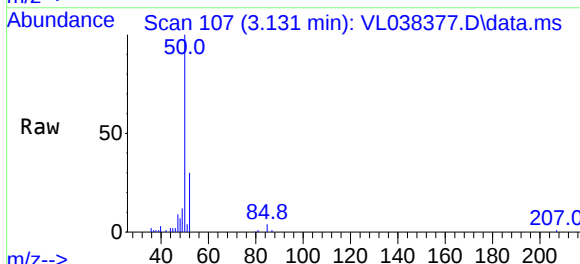
Manual Integrations
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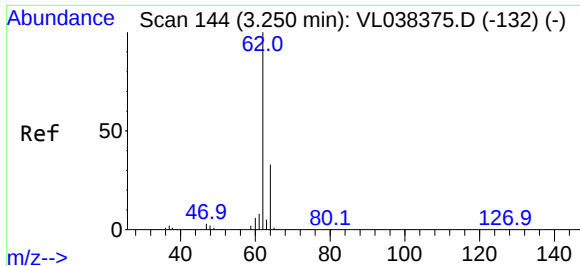
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#4
Chloromethane
Concen: 0.967 ppbv
RT: 3.131 min Scan# 107
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Tgt Ion: 50 Resp: 63193
Ion Ratio Lower Upper
50 100
52 30.5 26.5 39.7





#5
 Vinyl Chloride
 Concen: 0.910 ppbv
 RT: 3.247 min Scan# 144
 Delta R.T. -0.003 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28

Instrument :

MSVOA_L

ClientSampleId :

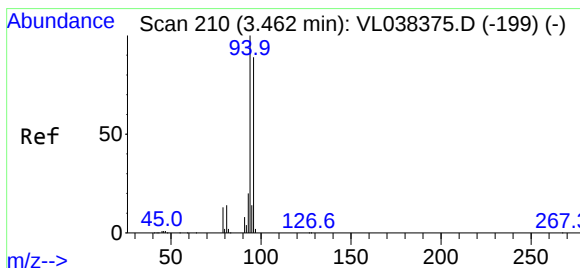
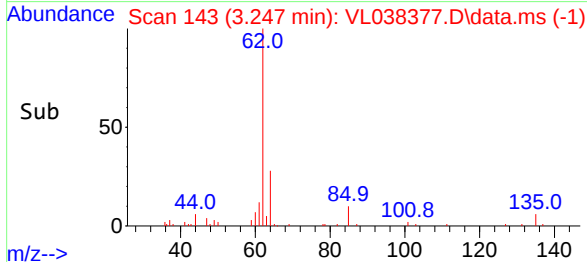
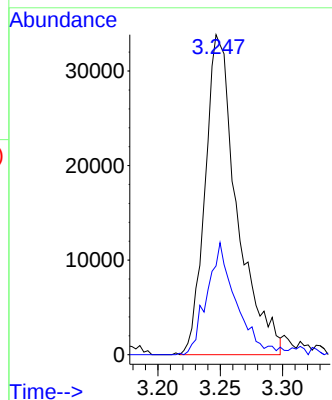
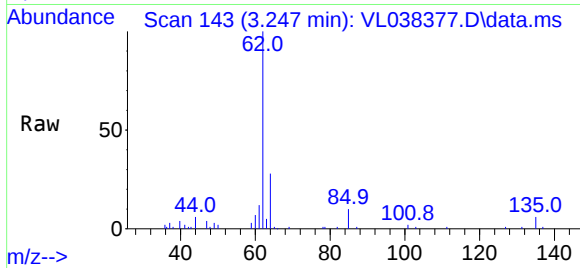
VSTDIC001

Tgt Ion: 62 Resp: 6012
 Ion Ratio Lower Upper
 62 100
 64 27.3 26.2 39.2

Manual Integrations

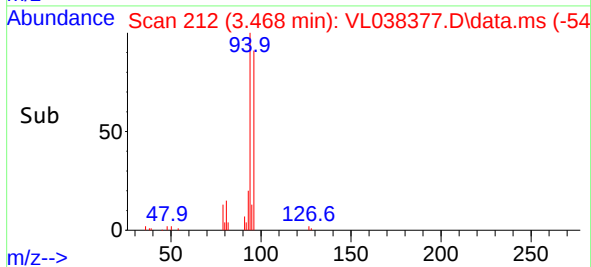
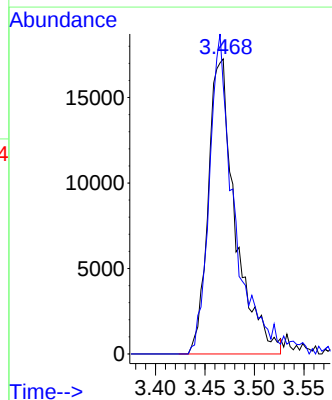
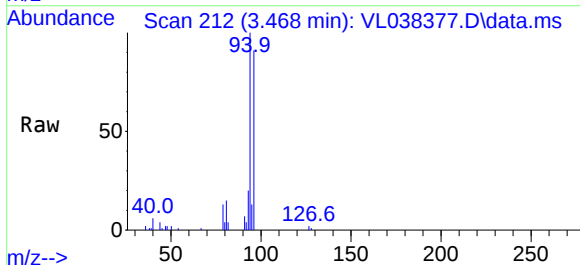
APPROVED

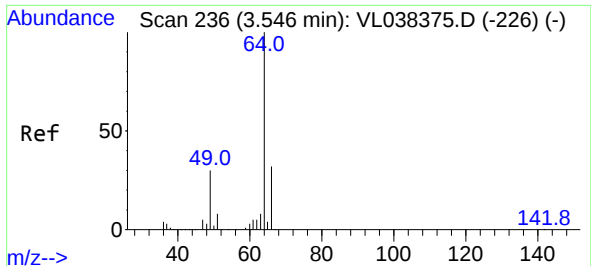
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022



#6
 Bromomethane
 Concen: 0.942 ppbv m
 RT: 3.468 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28

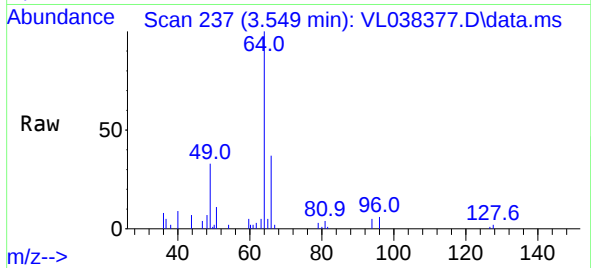
Tgt Ion: 94 Resp: 33011
 Ion Ratio Lower Upper
 94 100
 96 91.0 71.0 106.6





#7
Chloroethane
Concen: 0.911 ppbv m
RT: 3.549 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

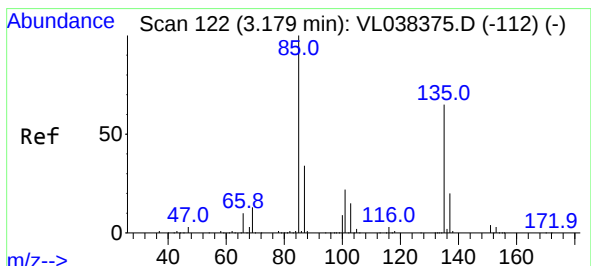
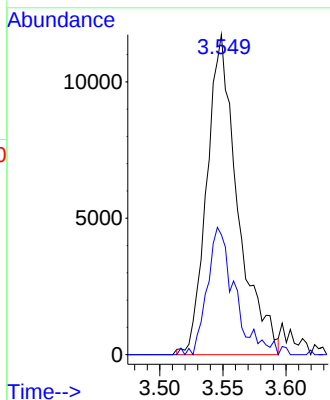
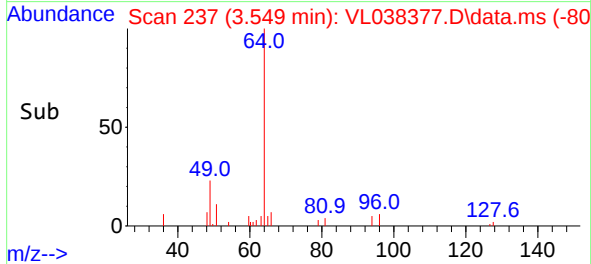
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 2002
Ion Ratio Lower Upper
64 100
66 37.5 25.9 38.9

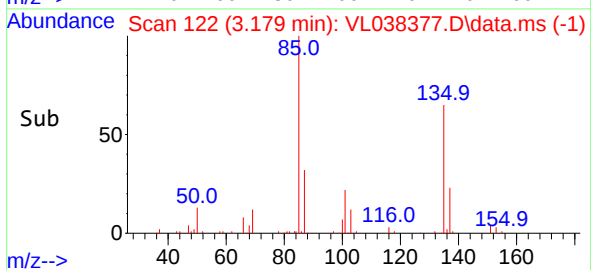
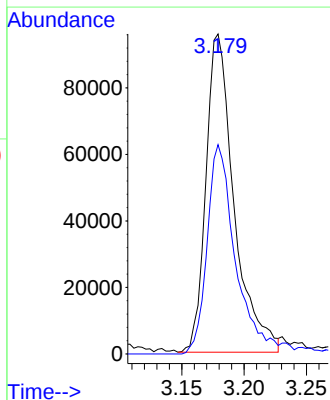
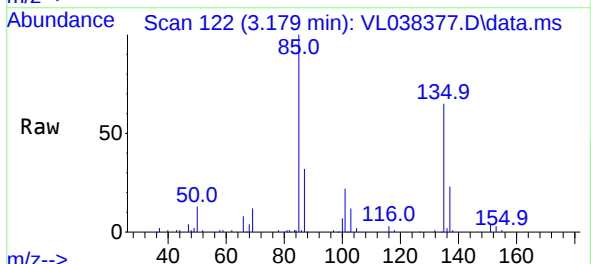
Manual Integrations
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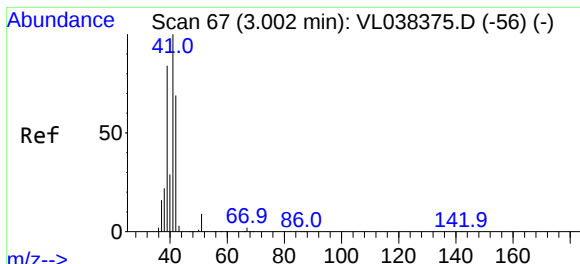
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#8
Dichlorotetrafluoroethane
Concen: 0.954 ppbv
RT: 3.179 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

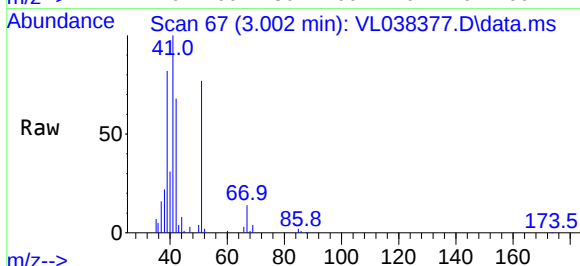
Tgt Ion: 85 Resp: 150368
Ion Ratio Lower Upper
85 100
135 69.5 54.1 81.1





#9
 Propene
 Concen: 0.922 ppbv
 RT: 3.002 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28

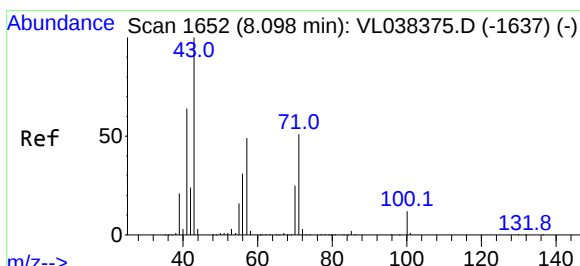
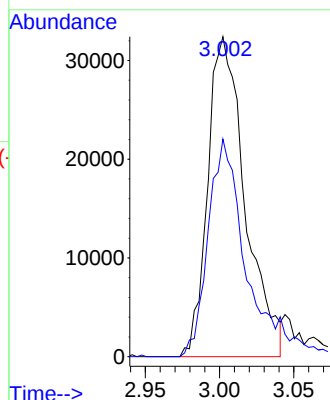
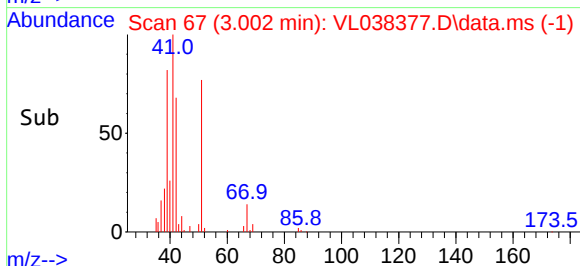
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



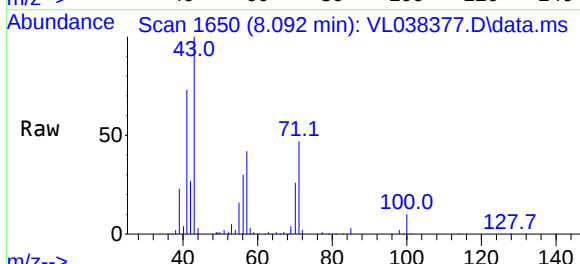
Tgt Ion: 41 Resp: 56824
 Ion Ratio Lower Upper
 41 100
 42 71.6 54.6 82.0

Manual Integrations
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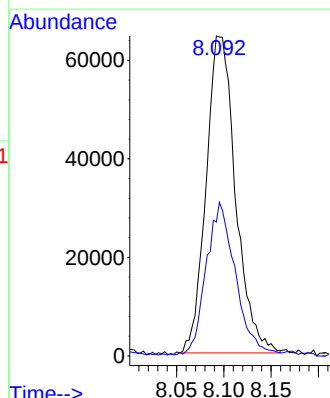
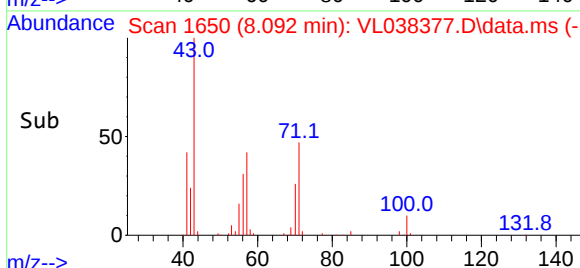
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 Supervised By :Amit Patel 02/23/2022

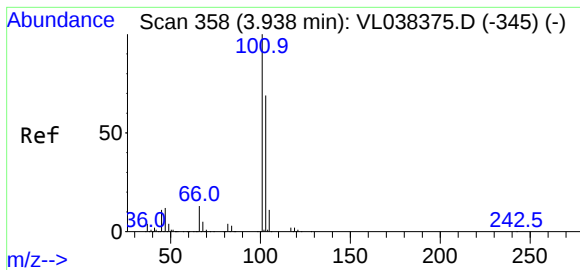


#10
 Heptane
 Concen: 0.880 ppbv
 RT: 8.092 min Scan# 1650
 Delta R.T. -0.006 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28



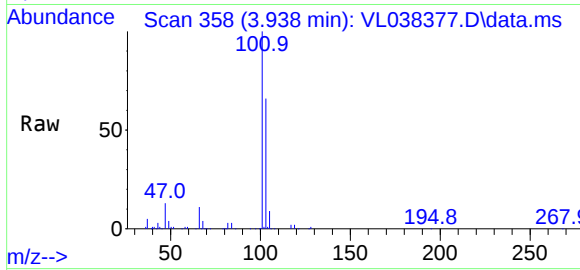
Tgt Ion: 43 Resp: 139710
 Ion Ratio Lower Upper
 43 100
 57 49.9 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 0.963 ppbv m
 RT: 3.938 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28

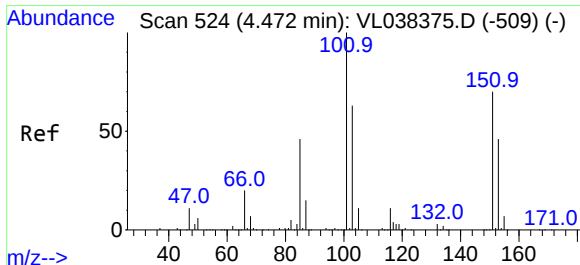
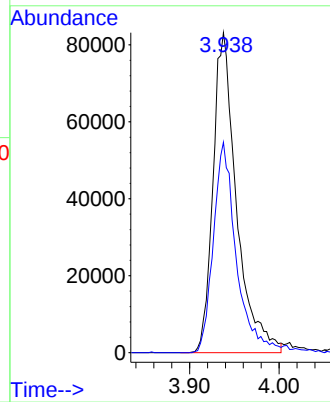
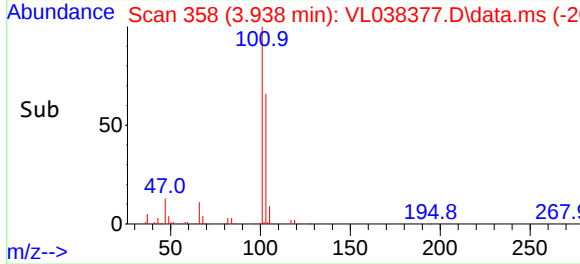
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



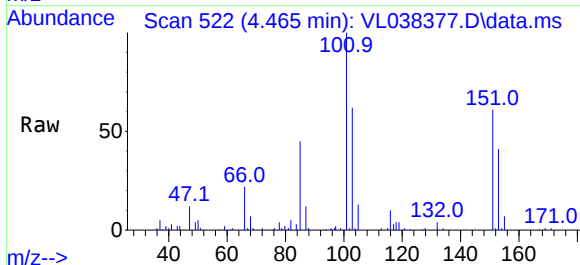
Tgt Ion:101 Resp: 15239
 Ion Ratio Lower Upper
 101 100
 103 65.7 55.0 82.4

Manual Integrations
 APPROVED

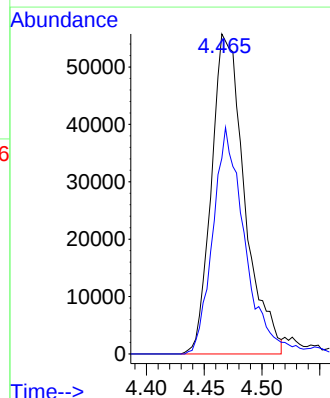
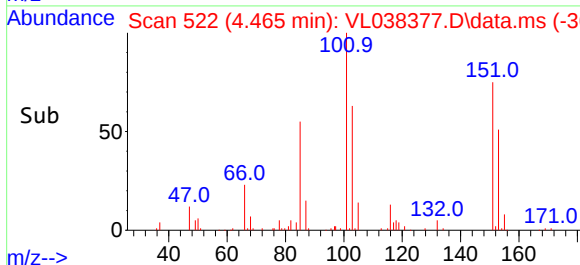
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

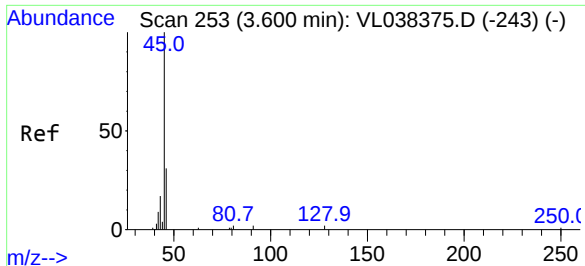


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.929 ppbv
 RT: 4.465 min Scan# 522
 Delta R.T. -0.006 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28



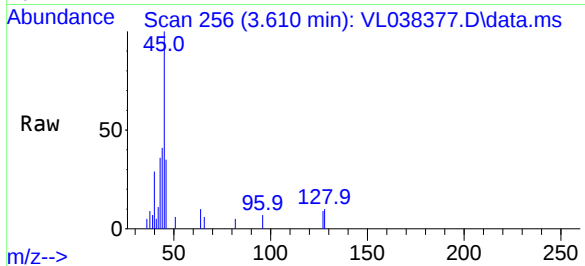
Tgt Ion:101 Resp: 111145
 Ion Ratio Lower Upper
 101 100
 151 70.2 55.9 83.9





#13
Ethanol
Concen: 0.978 ppbv m
RT: 3.610 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

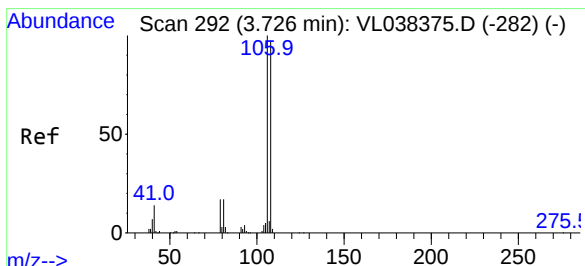
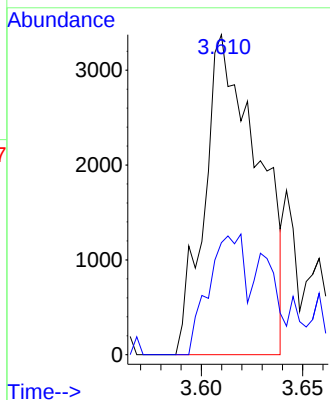
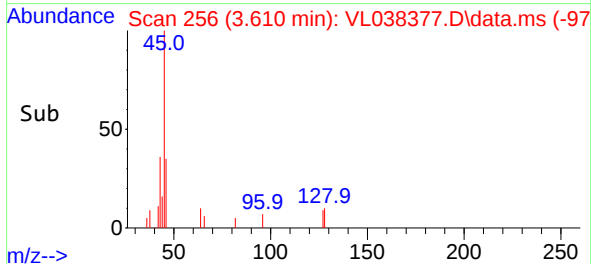
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



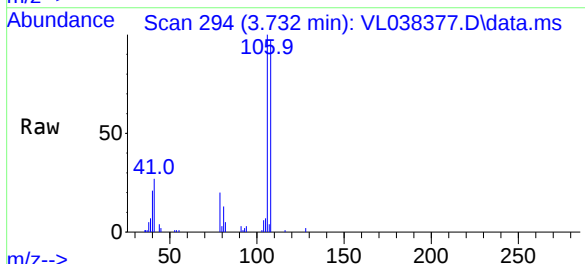
Tgt Ion: 45 Resp: 6200
Ion Ratio Lower Upper
45 100
46 0.0 18.2 72.8

Manual Integrations
APPROVED

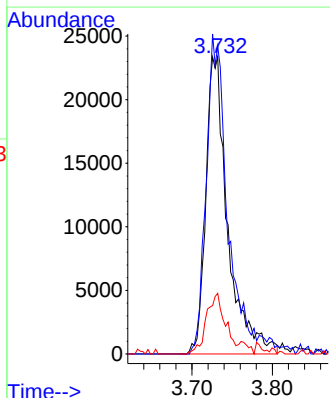
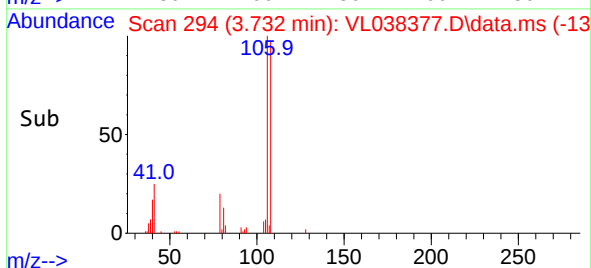
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

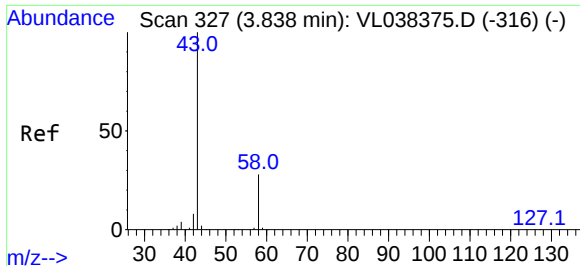


#14
Bromoethene
Concen: 0.943 ppbv m
RT: 3.732 min Scan# 294
Delta R.T. 0.007 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



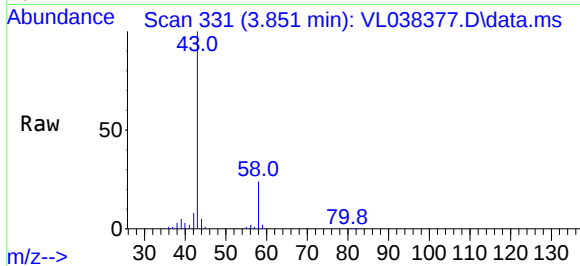
Tgt Ion:108 Resp: 44136
Ion Ratio Lower Upper
108 100
106 110.2 88.4 132.6
79 21.0 15.0 22.6





#15
Acetone
Concen: 1.067 ppbv m
RT: 3.851 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

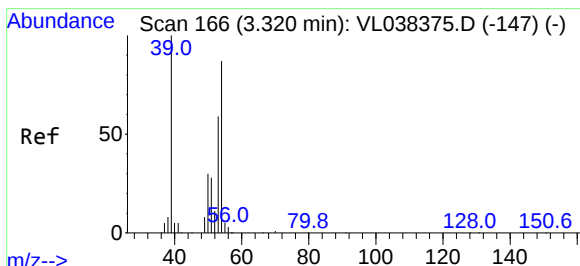
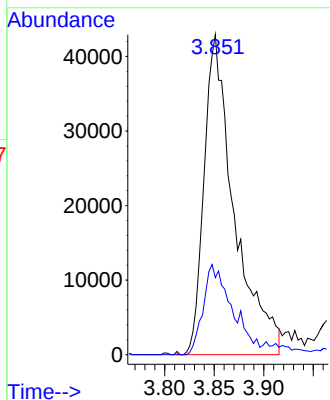
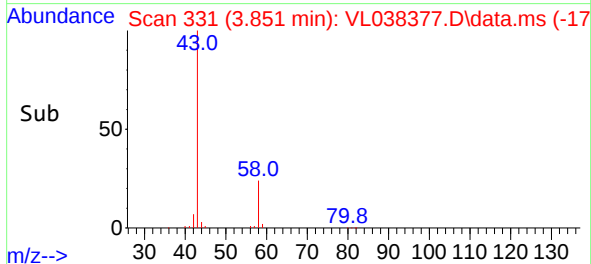
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 9087
Ion Ratio Lower Upper
43 100
58 30.2 21.7 32.5

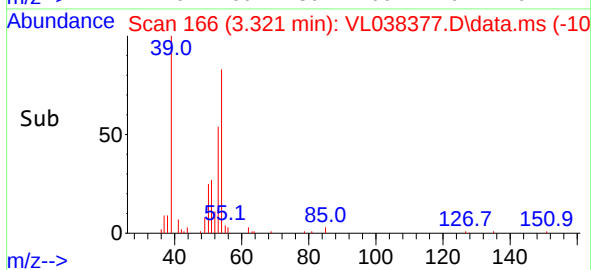
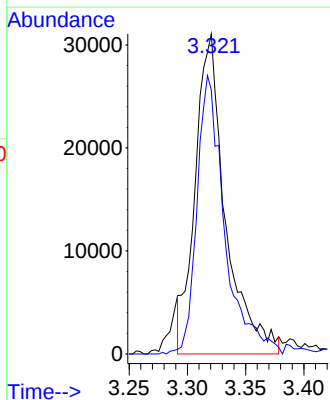
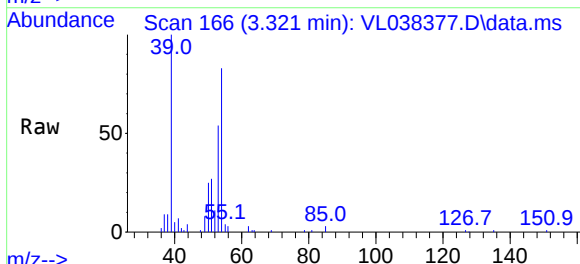
Manual Integrations
APPROVED

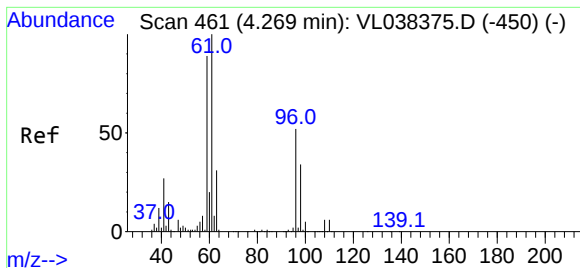
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#16
1,3-Butadiene
Concen: 0.926 ppbv m
RT: 3.321 min Scan# 166
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Tgt Ion: 39 Resp: 56221
Ion Ratio Lower Upper
39 100
54 81.8 60.3 90.5





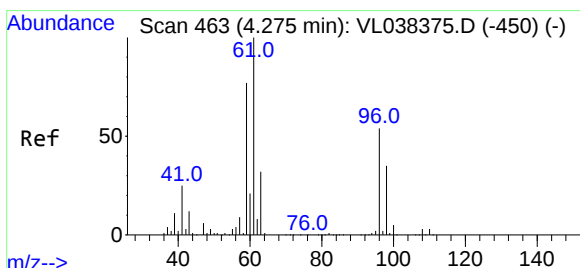
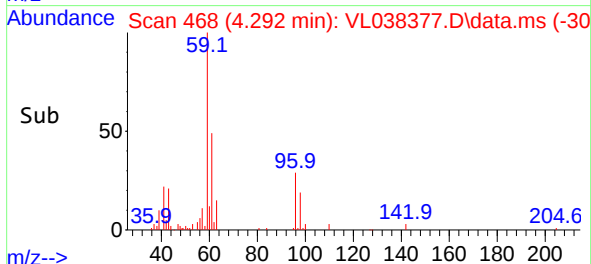
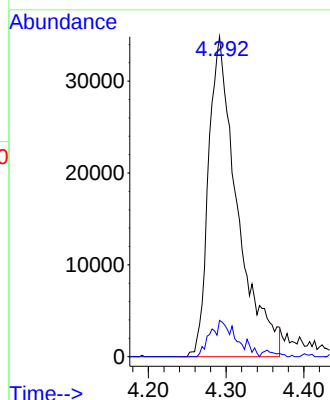
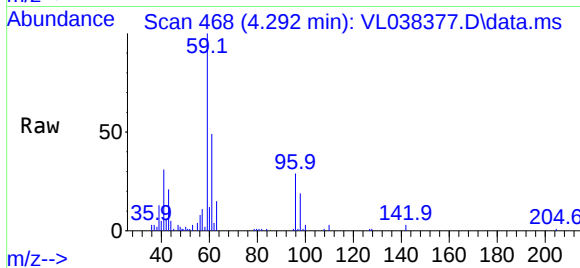
#17
tert-Butyl alcohol
Concen: 0.977 ppbv m
RT: 4.292 min Scan# 468
Delta R.T. 0.023 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 8953
Ion Ratio Lower Upper
59 100
57 11.1 8.4 12.6

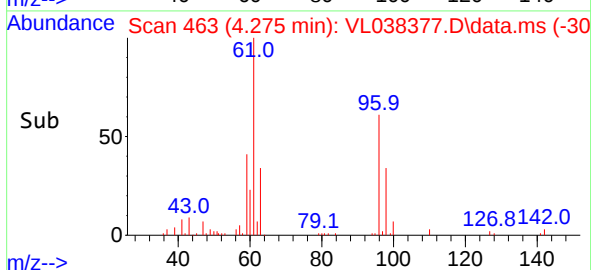
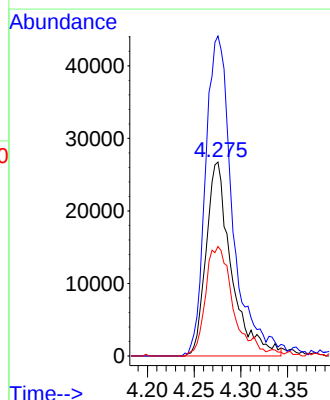
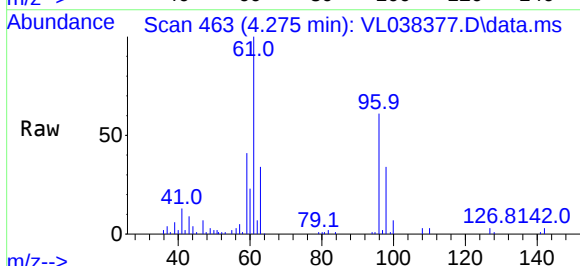
Manual Integrations
APPROVED

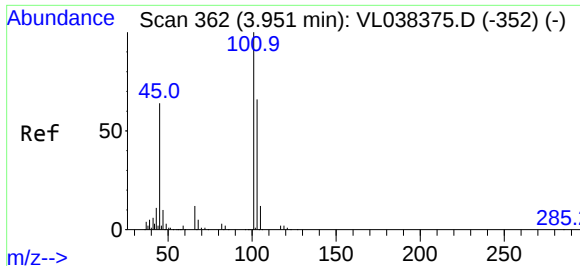
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#18
1,1-Dichloroethene
Concen: 0.974 ppbv m
RT: 4.275 min Scan# 463
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Tgt Ion: 96 Resp: 50407
Ion Ratio Lower Upper
96 100
61 165.1 146.8 220.2
98 56.5 51.5 77.3





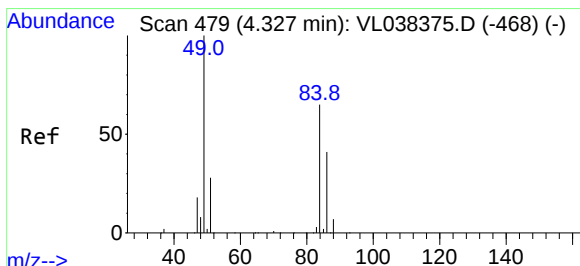
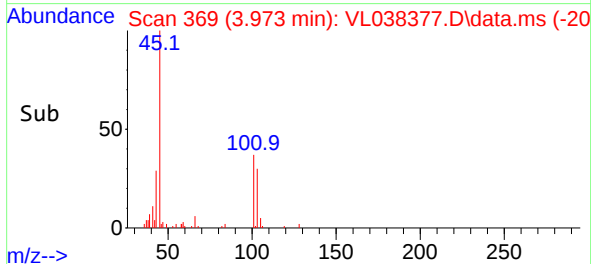
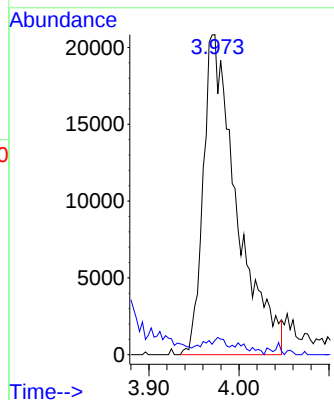
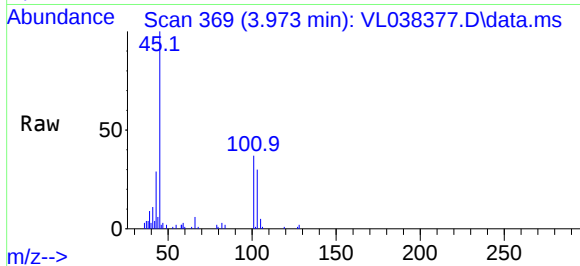
#19
Isopropyl Alcohol
Concen: 1.025 ppbv m
RT: 3.973 min Scan# 369
Delta R.T. 0.023 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 5388
Ion Ratio Lower Upper
45 100
58 5.8 1.8 2.8

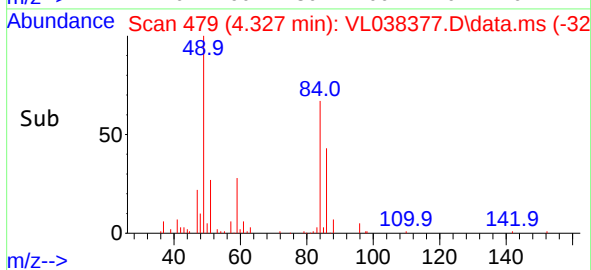
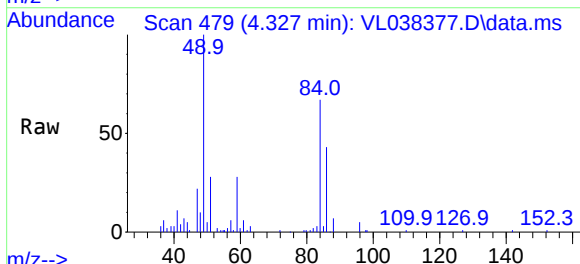
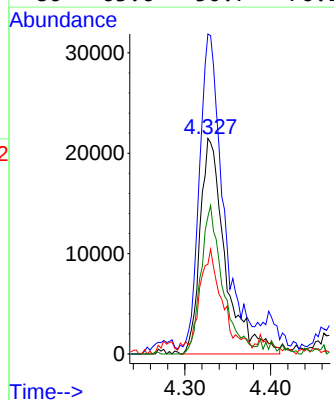
Manual Integrations
APPROVED

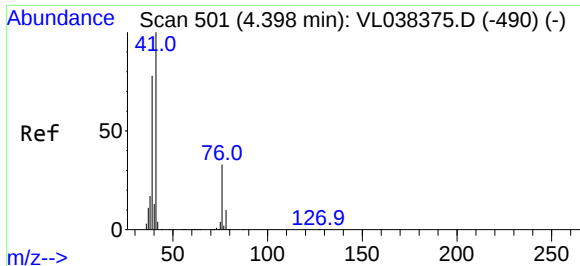
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#20
Methylene Chloride
Concen: 0.900 ppbv m
RT: 4.327 min Scan# 479
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

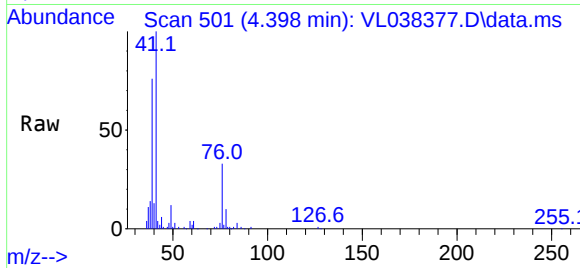
Tgt Ion: 84 Resp: 43857
Ion Ratio Lower Upper
84 100
49 148.5 122.4 183.6
51 41.6 33.3 49.9
86 63.6 50.7 76.1





#21
 Allyl Chloride
 Concen: 0.929 ppbv m
 RT: 4.398 min Scan# 501
 Delta R.T. 0.000 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28

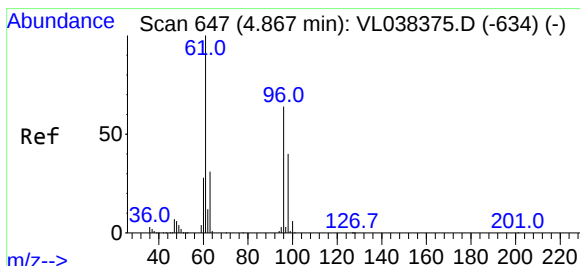
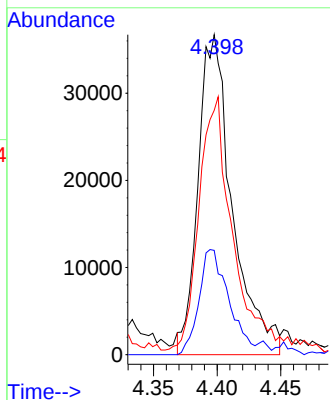
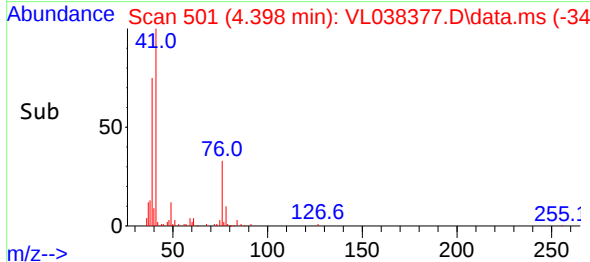
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



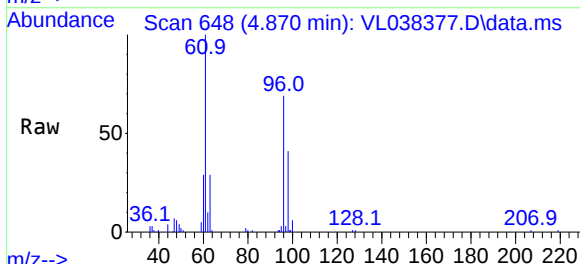
Tgt Ion: 41 Resp: 6876
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.4 38.0
 39 81.3 63.0 94.6

Manual Integrations
 APPROVED

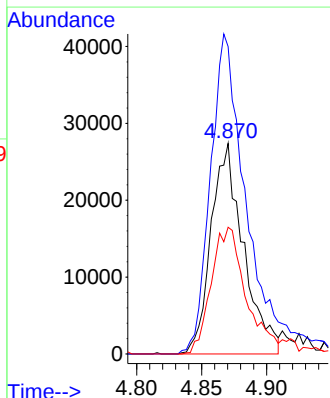
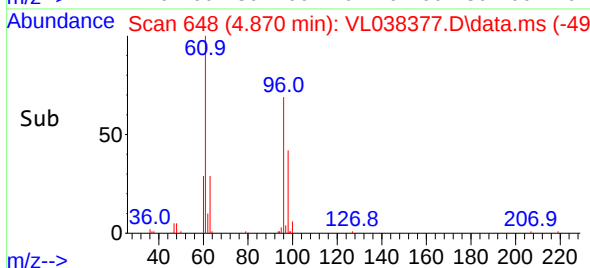
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

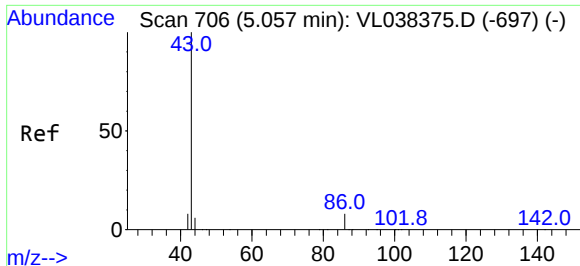


#22
 trans-1,2-Dichloroethene
 Concen: 0.884 ppbv
 RT: 4.870 min Scan# 648
 Delta R.T. 0.003 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28



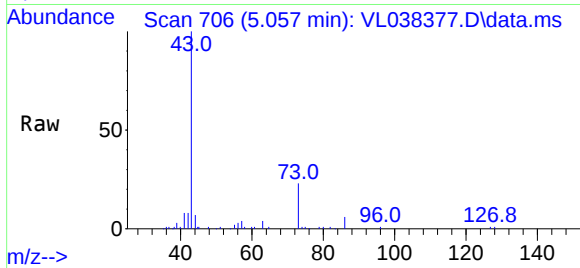
Tgt Ion: 96 Resp: 47465
 Ion Ratio Lower Upper
 96 100
 61 146.0 124.2 186.4
 98 60.2 49.1 73.7





#23
 Vinyl Acetate
 Concen: 0.897 ppbv m
 RT: 5.057 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28

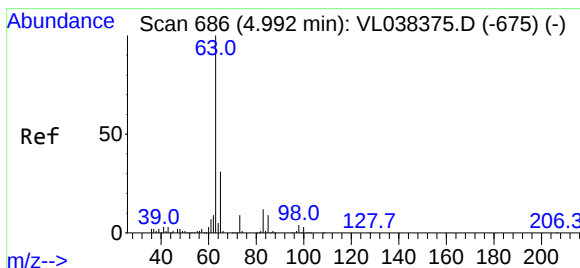
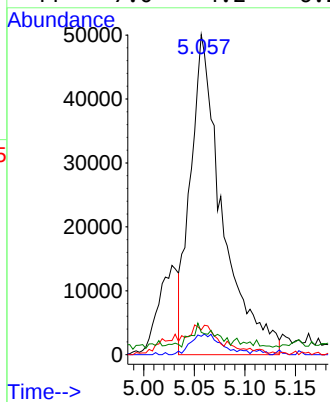
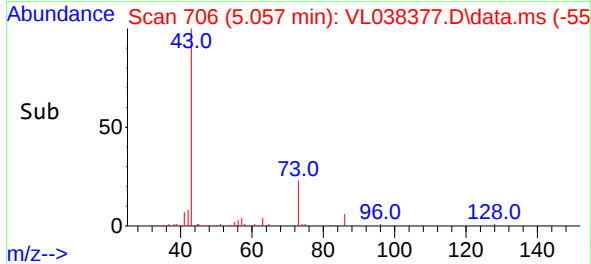
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001



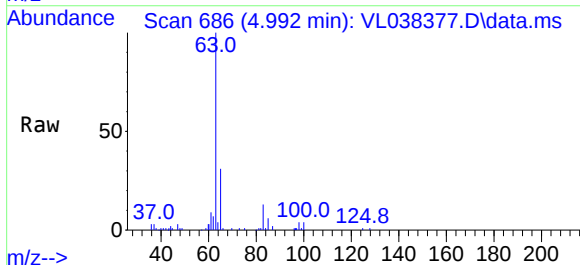
Tgt Ion: 43 Resp: 109210
 Ion Ratio Lower Upper
 43 100
 86 5.8 5.8 8.6
 42 7.8 7.4 11.0
 44 7.0 4.2 6.2#

Manual Integrations
 APPROVED

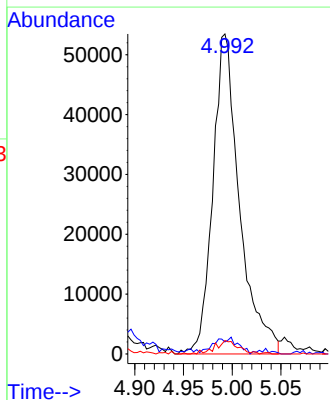
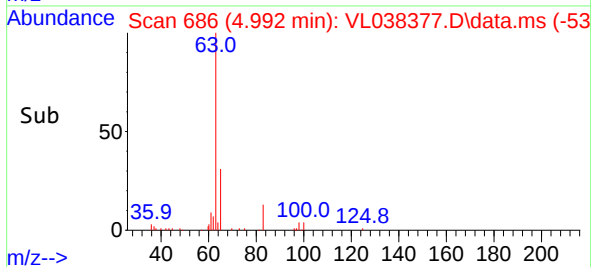
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

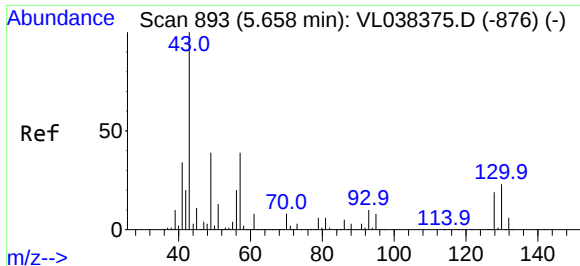


#24
 1,1-Dichloroethane
 Concen: 0.937 ppbv
 RT: 4.992 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28



Tgt Ion: 63 Resp: 101749
 Ion Ratio Lower Upper
 63 100
 98 3.4 2.1 6.5
 100 4.2 1.4 4.2#





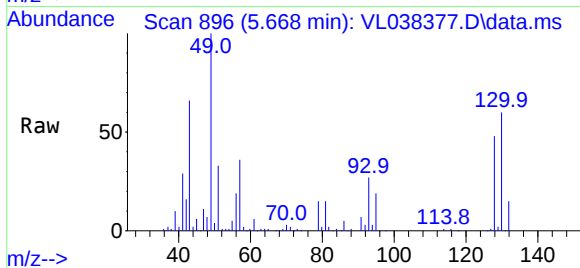
#25
Ethyl Acetate
Concen: 0.957 ppbv m
RT: 5.668 min Scan# 893
Delta R.T. 0.010 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

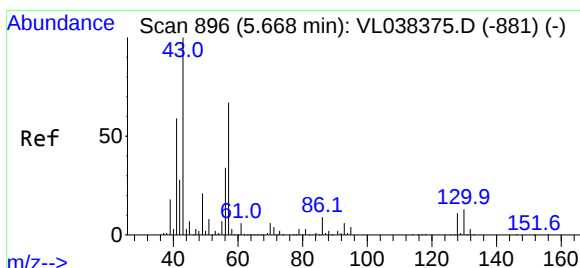
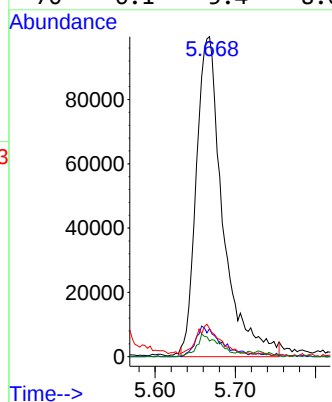
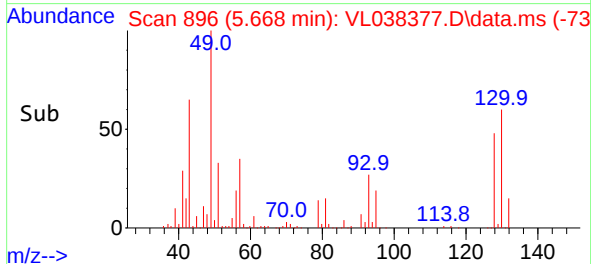


Tgt Ion: 43 Resp: 228798
Ion Ratio Lower Upper
43 100
45 9.6 7.8 11.6
61 10.2 7.5 11.3
70 6.1 5.4 8.0

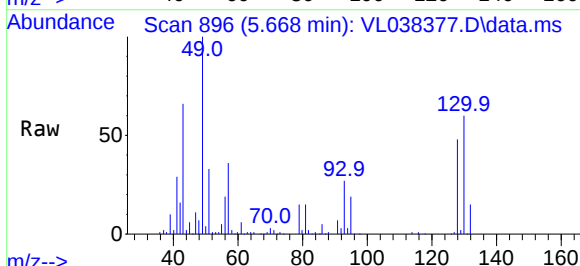
Manual Integrations

APPROVED

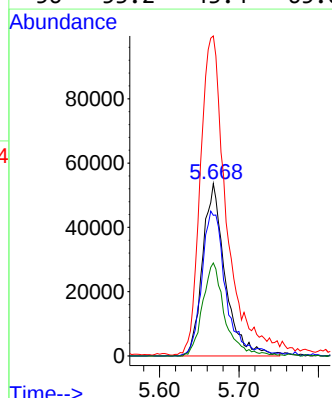
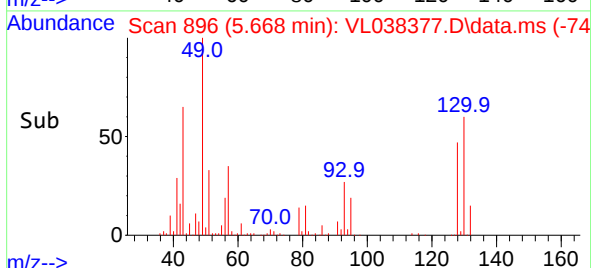
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

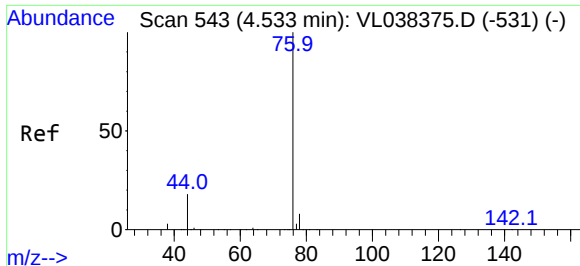


#26
Hexane
Concen: 0.956 ppbv m
RT: 5.668 min Scan# 896
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



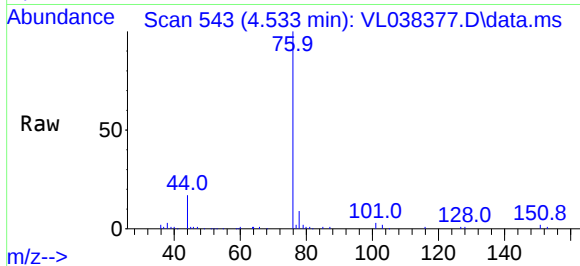
Tgt Ion: 57 Resp: 105745
Ion Ratio Lower Upper
57 100
41 91.5 73.1 109.7
43 223.7 181.0 271.4
56 53.2 43.4 65.0





#27
Carbon Disulfide
Concen: 0.868 ppbv m
RT: 4.533 min Scan# 543
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

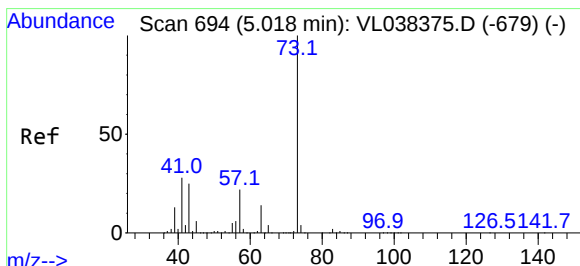
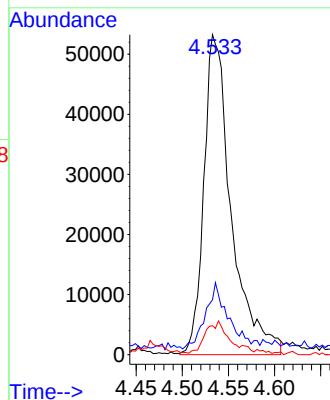
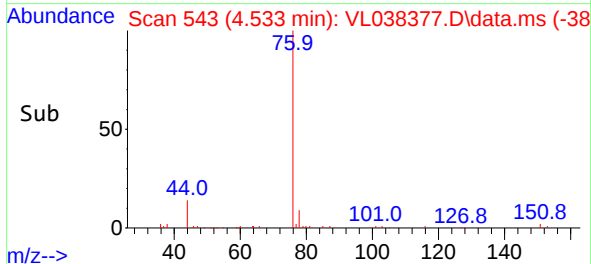
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



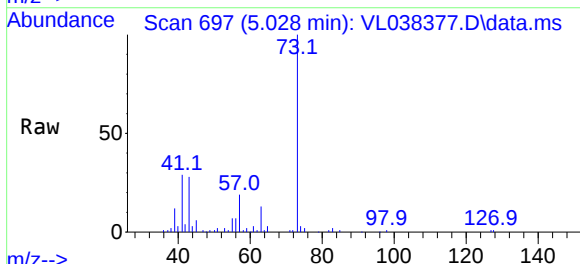
Tgt Ion: 76 Resp: 10999
Ion Ratio Lower Upper
76 100
44 19.1 14.2 21.2
78 10.4 7.8 11.6

Manual Integrations
APPROVED

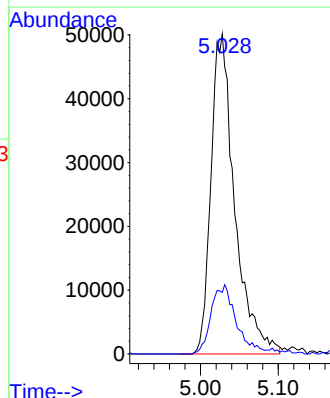
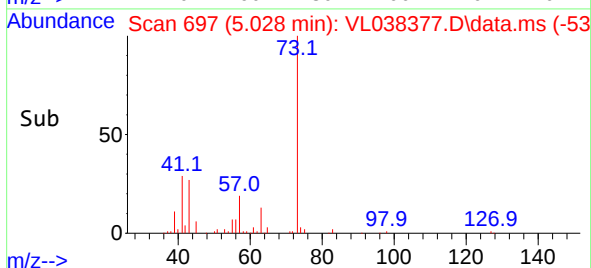
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

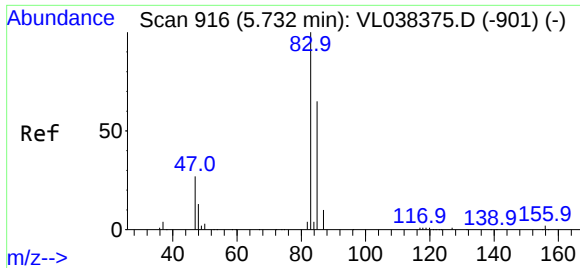


#28
Methyl tert-Butyl Ether
Concen: 0.938 ppbv m
RT: 5.028 min Scan# 697
Delta R.T. 0.010 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



Tgt Ion: 73 Resp: 106249
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.4





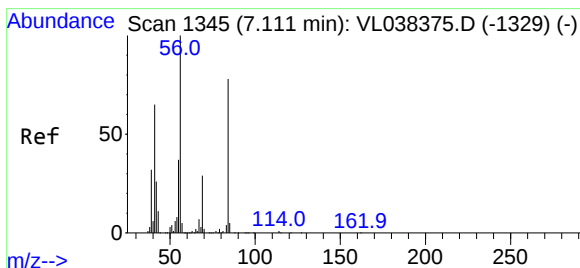
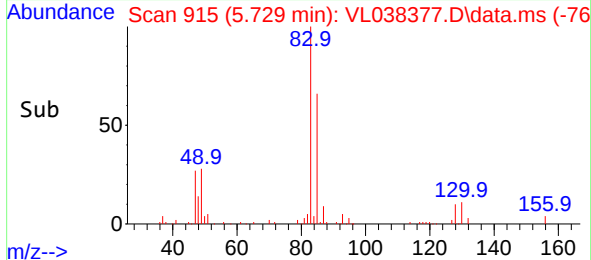
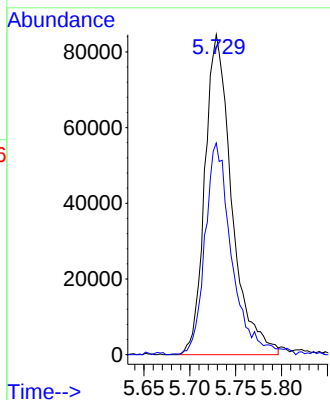
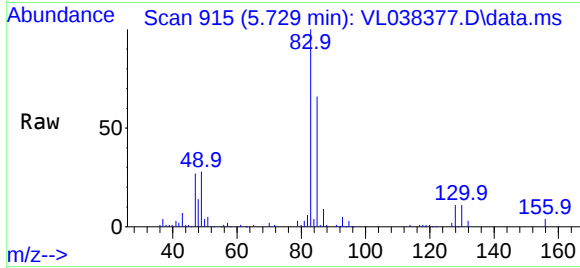
#29
Chloroform
Concen: 0.957 ppbv
RT: 5.729 min Scan# 916
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 172368
Ion Ratio Lower Upper
83 100
85 65.9 51.6 77.4

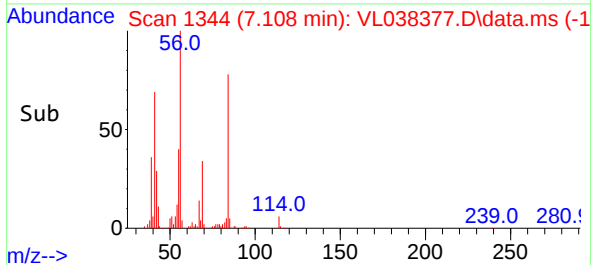
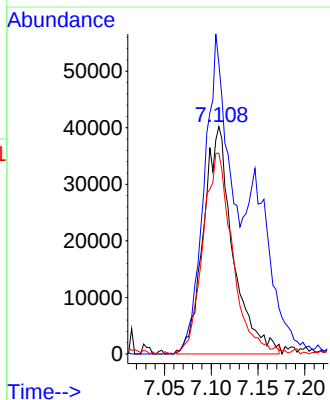
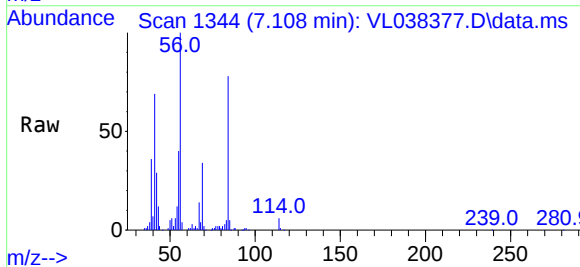
Manual Integrations
APPROVED

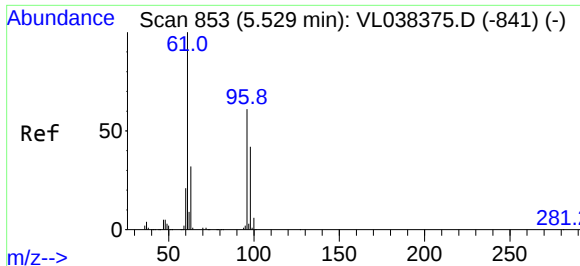
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#30
Cyclohexane
Concen: 0.931 ppbv m
RT: 7.108 min Scan# 1344
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

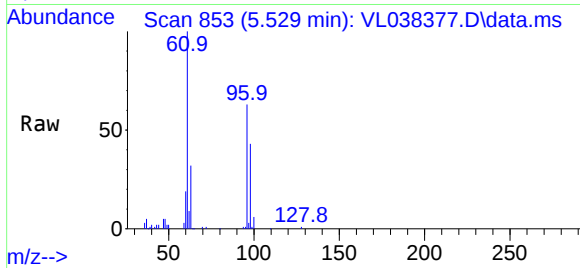
Tgt Ion: 84 Resp: 87939
Ion Ratio Lower Upper
84 100
56 132.5 116.2 174.4
41 89.3 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 0.999 ppbv m
RT: 5.529 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

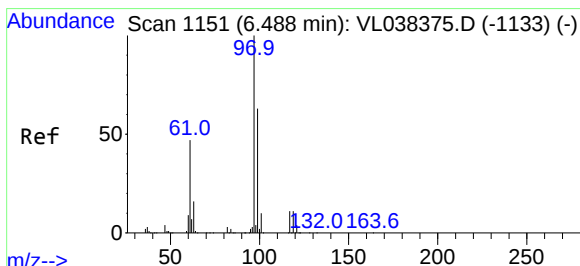
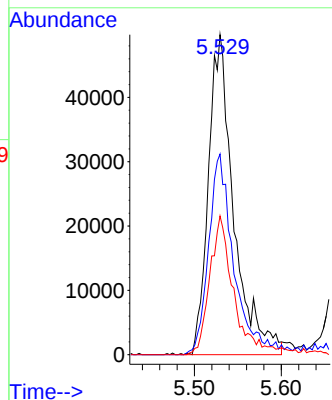
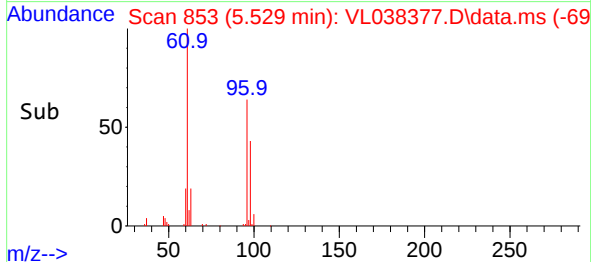
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 61 Resp: 10081
Ion Ratio Lower Upper
61 100
96 62.7 48.6 73.0
98 43.4 33.2 49.8

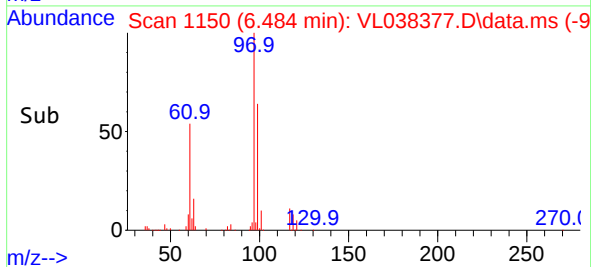
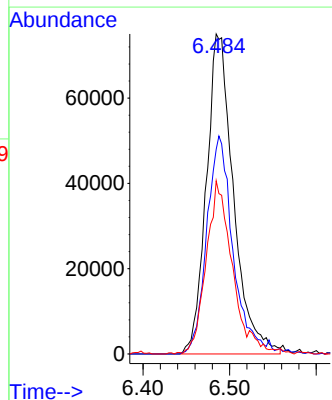
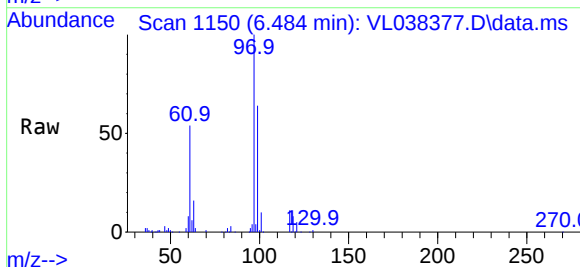
Manual Integrations
APPROVED

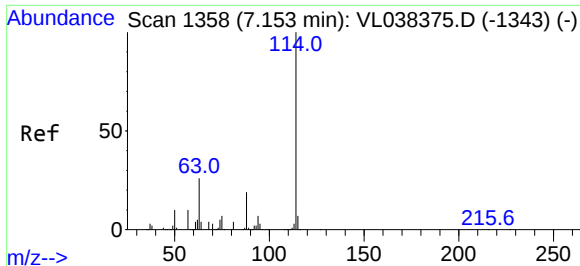
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#32
1,1,1-Trichloroethane
Concen: 0.908 ppbv
RT: 6.484 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

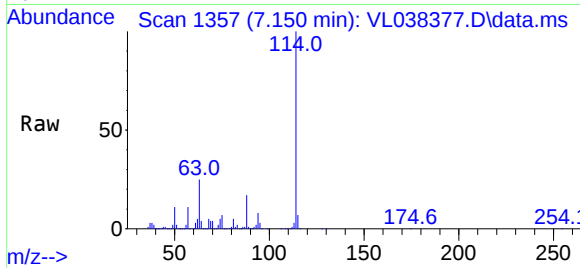
Tgt Ion: 97 Resp: 163325
Ion Ratio Lower Upper
97 100
99 66.9 51.9 77.9
61 52.8 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

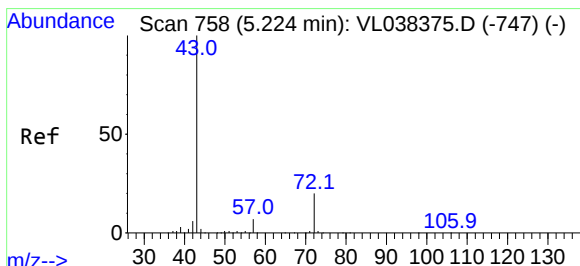
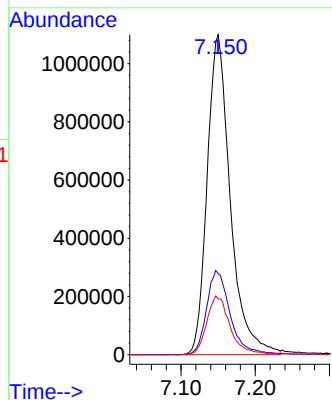
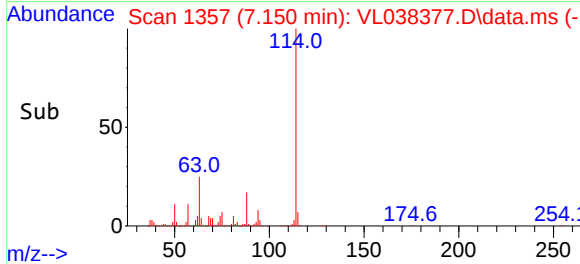
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:114 Resp: 2379928
Ion Ratio Lower Upper
114 100
63 27.2 22.2 33.2
88 18.8 15.2 22.8

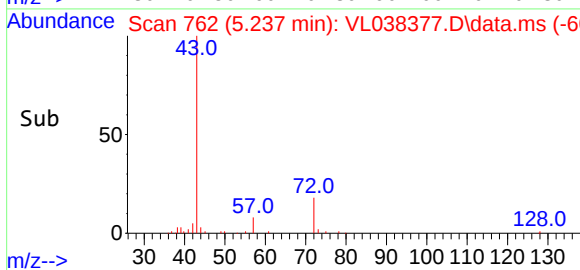
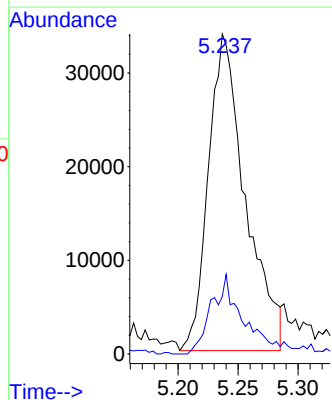
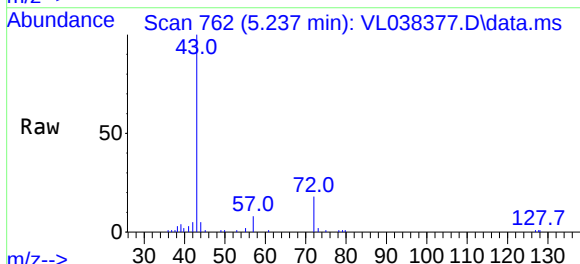
Manual Integrations
APPROVED

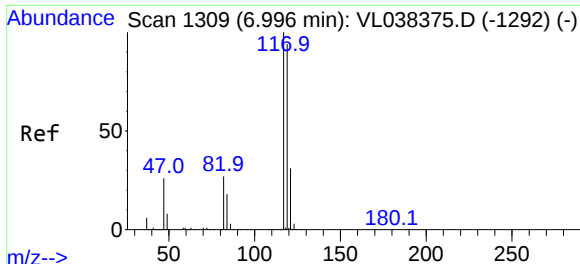
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#34
2-Butanone
Concen: 0.922 ppbv
RT: 5.237 min Scan# 762
Delta R.T. 0.013 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Tgt Ion: 43 Resp: 72484
Ion Ratio Lower Upper
43 100
72 23.6 17.4 26.2





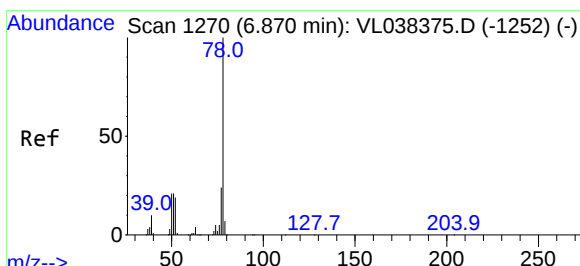
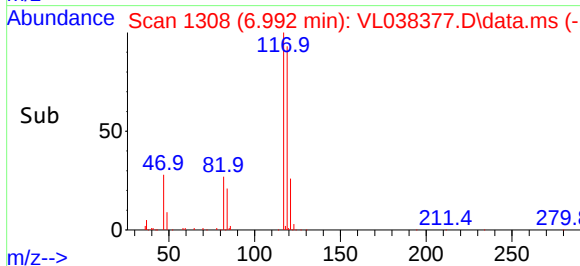
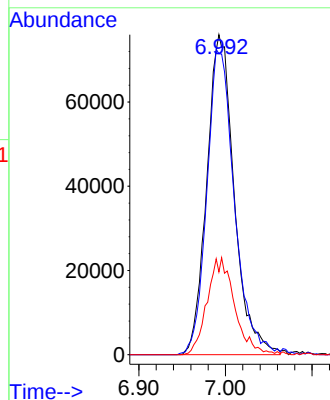
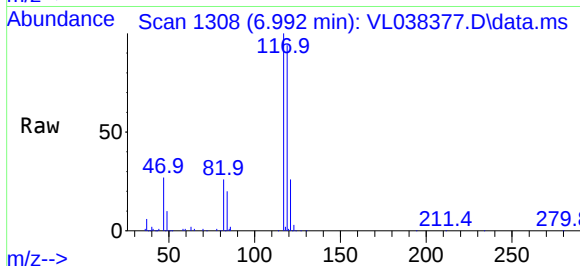
#35
Carbon Tetrachloride
Concen: 0.998 ppbv
RT: 6.992 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 16723
Ion Ratio Lower Upper
117 100
119 93.7 74.9 112.3
121 25.9 24.8 37.2

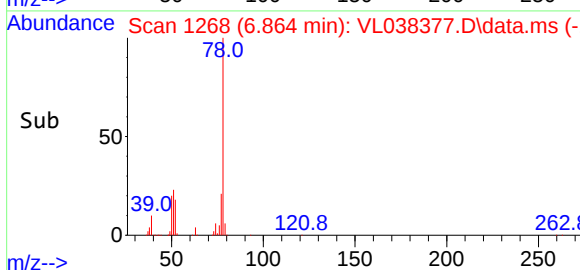
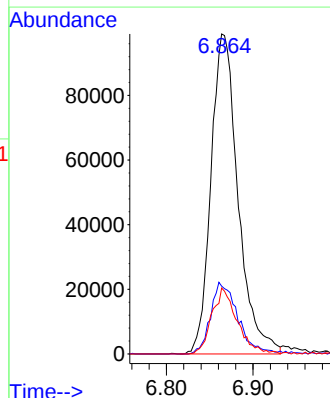
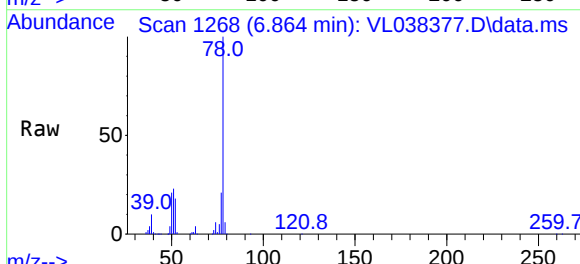
Manual Integrations
APPROVED

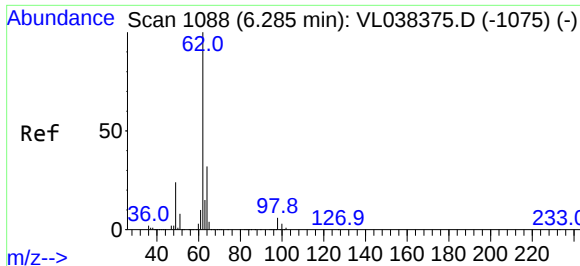
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#36
Benzene
Concen: 1.018 ppbv
RT: 6.864 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

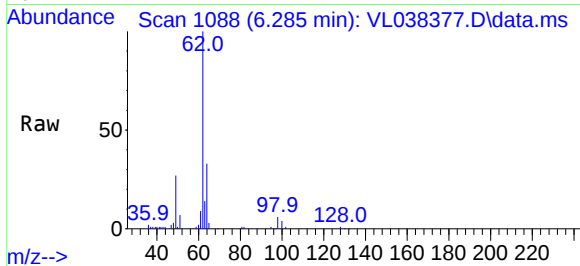
Tgt Ion: 78 Resp: 215232
Ion Ratio Lower Upper
78 100
77 21.2 19.0 28.6
50 20.6 16.6 24.8





#37
1,2-Dichloroethane
Concen: 0.987 ppbv
RT: 6.285 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

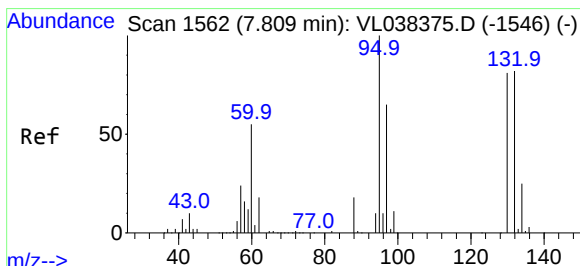
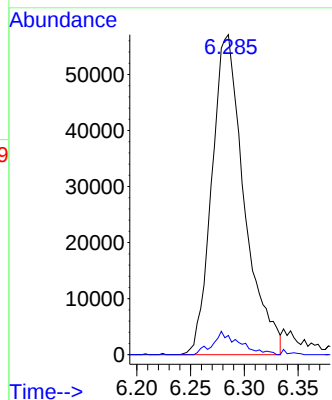
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 62 Resp: 11963
Ion Ratio Lower Upper
62 100
98 6.4 4.6 7.0

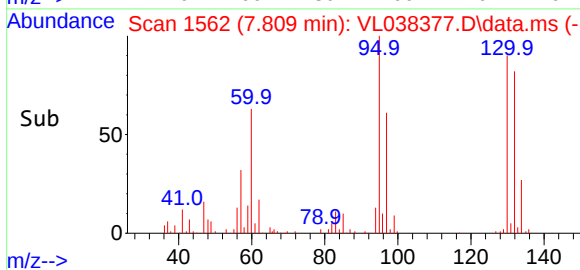
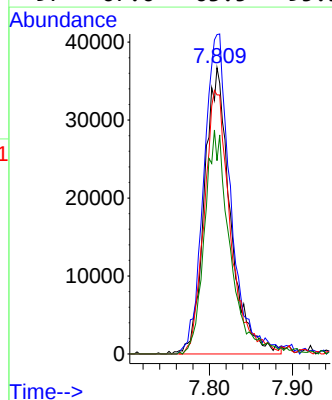
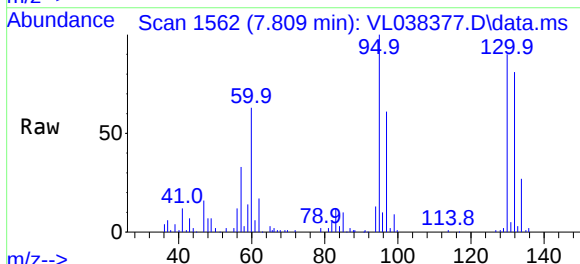
Manual Integrations
APPROVED

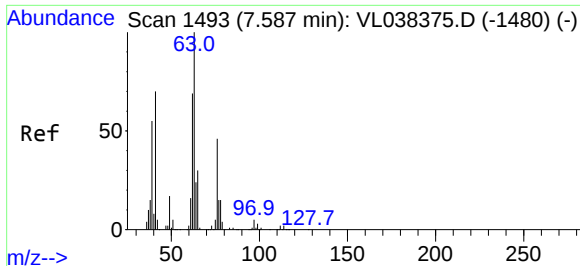
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#38
Trichloroethene
Concen: 1.013 ppbv m
RT: 7.809 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

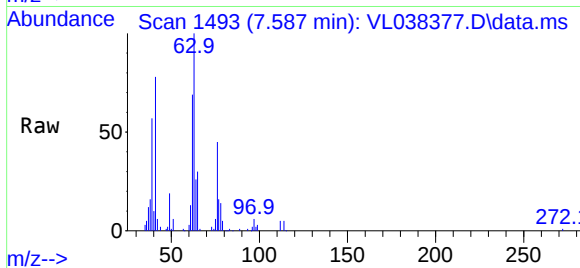
Tgt Ion:130 Resp: 79619
Ion Ratio Lower Upper
130 100
95 111.6 98.1 147.1
132 90.5 80.3 120.5
97 67.6 63.5 95.3





#39
1,2-Dichloropropane
Concen: 1.002 ppbv
RT: 7.587 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

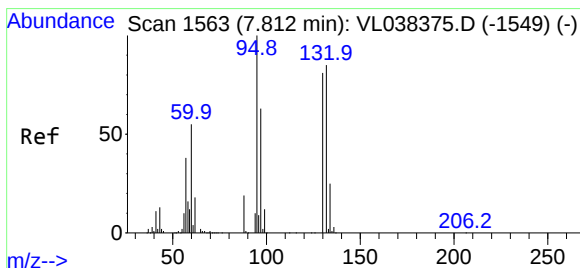
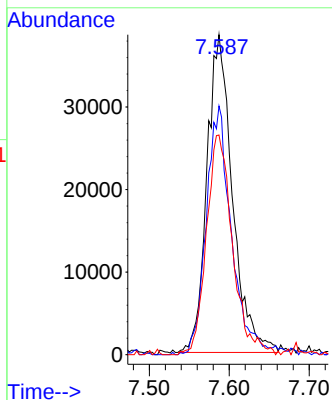
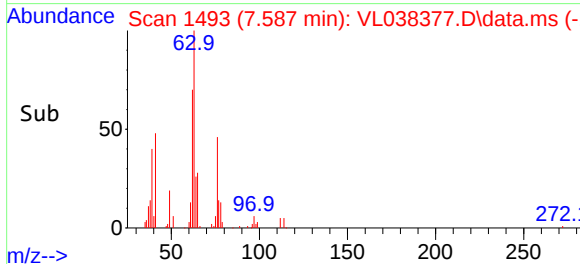
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



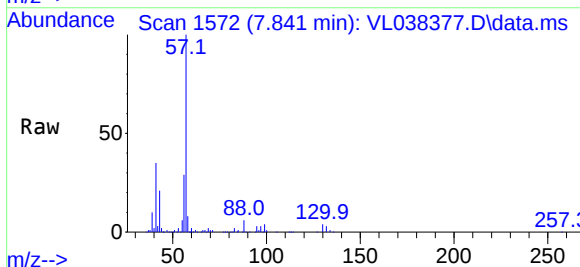
Tgt Ion: 63 Resp: 8548
Ion Ratio Lower Upper
63 100
41 78.3 56.1 84.1
62 69.2 55.5 83.3

Manual Integrations
APPROVED

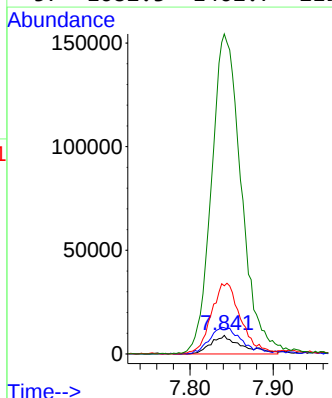
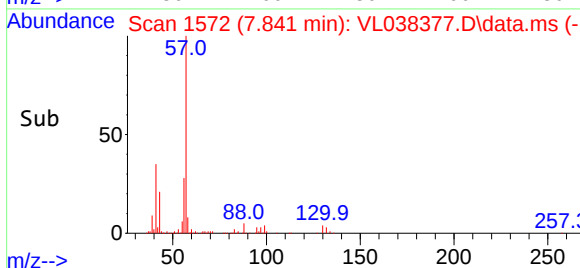
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

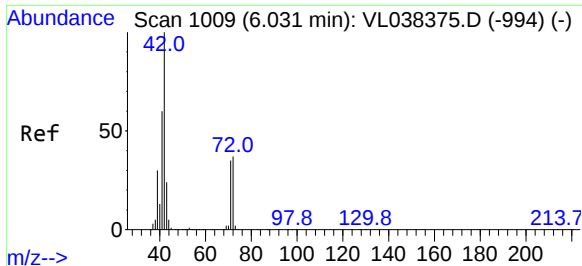


#40
1,4-Dioxane
Concen: 1.112 ppbv m
RT: 7.841 min Scan# 1572
Delta R.T. 0.029 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



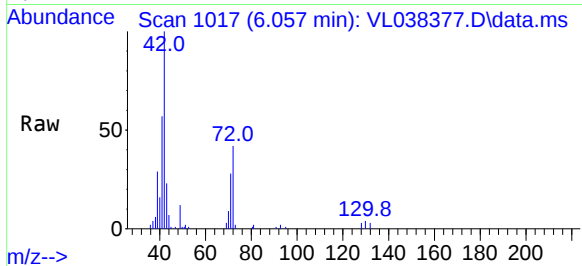
Tgt Ion: 88 Resp: 23084
Ion Ratio Lower Upper
88 100
58 162.7 133.2 199.8
43 381.6 330.6 496.0
57 1682.3 1462.7 2194.1





#41
Tetrahydrofuran
Concen: 0.947 ppbv m
RT: 6.057 min Scan# 1009
Delta R.T. 0.026 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

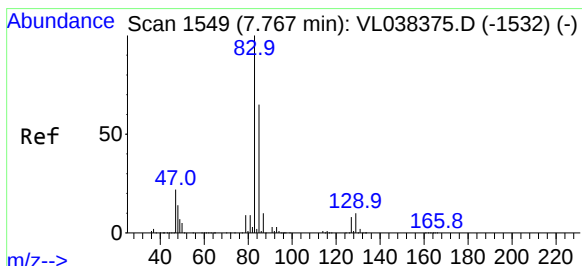
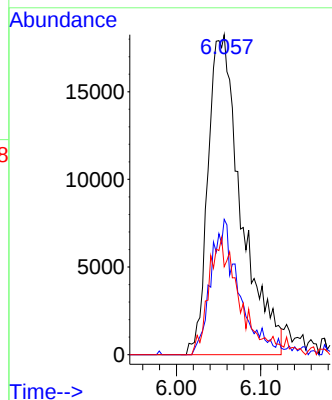
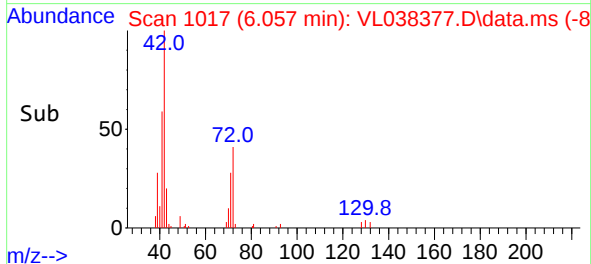
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 4989
Ion Ratio Lower Upper
42 100
72 0.0 29.9 44.9
71 0.0 28.6 42.8

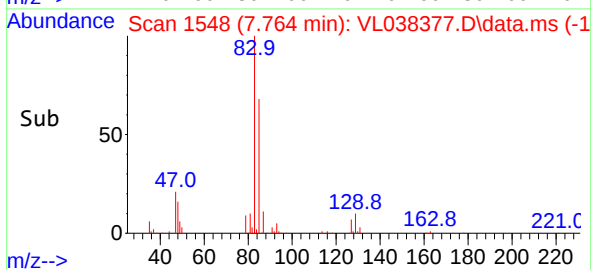
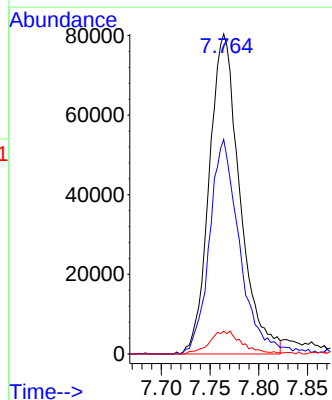
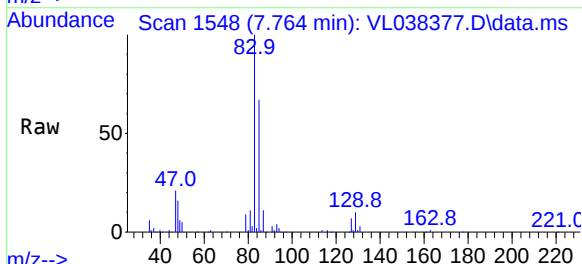
Manual Integrations
APPROVED

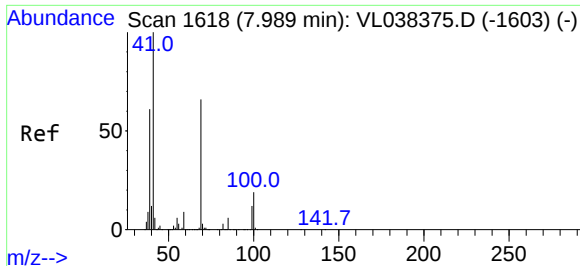
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#42
Bromodichloromethane
Concen: 0.977 ppbv
RT: 7.764 min Scan# 1548
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

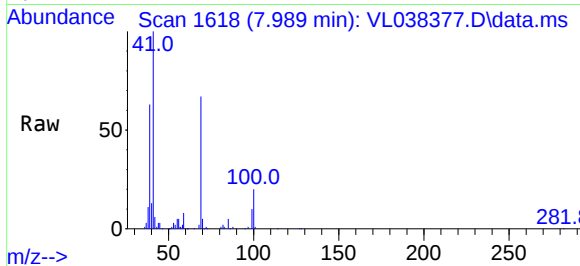
Tgt Ion: 83 Resp: 175627
Ion Ratio Lower Upper
83 100
85 67.0 52.2 78.4
127 7.1 6.2 9.4





#43
Methyl Methacrylate
Concen: 0.936 ppbv
RT: 7.989 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

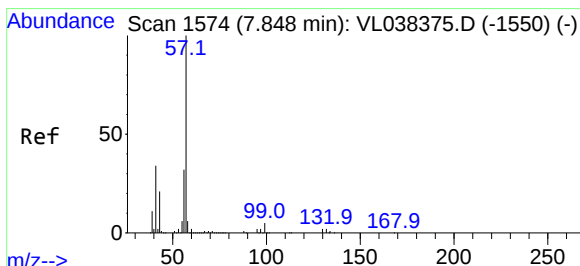
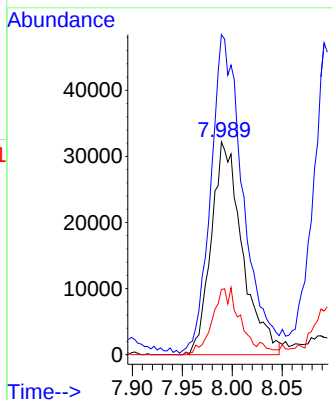
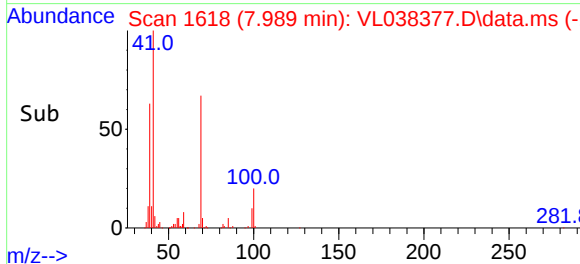
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



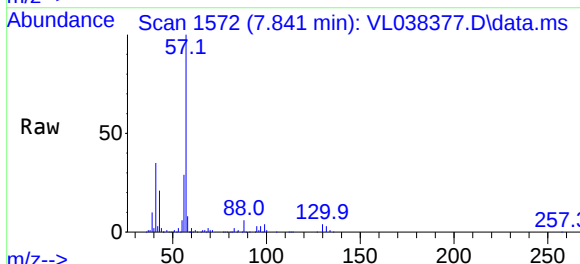
Tgt Ion: 69 Resp: 6990
Ion Ratio Lower Upper
69 100
41 157.9 122.9 184.3
100 0.0 23.6 35.4

Manual Integrations
APPROVED

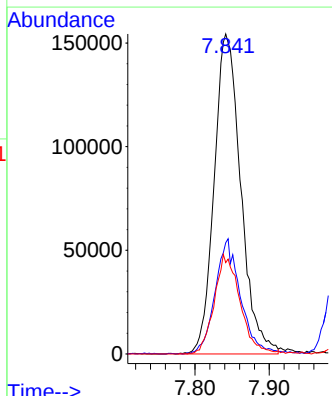
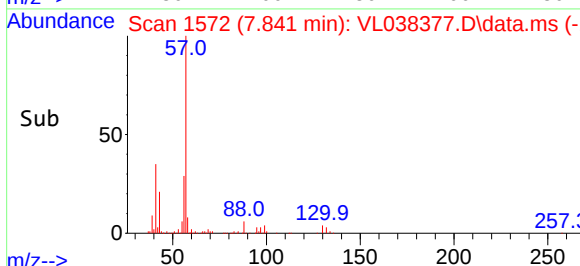
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

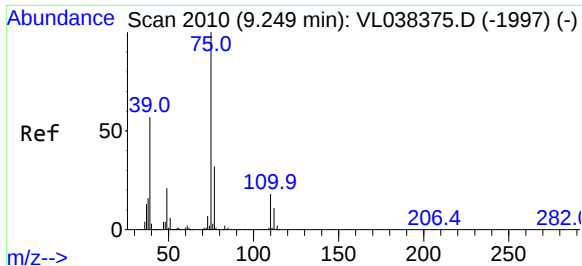


#44
2,2,4-Trimethylpentane
Concen: 1.032 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



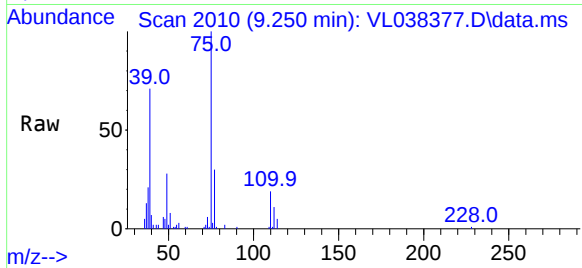
Tgt Ion: 57 Resp: 383816
Ion Ratio Lower Upper
57 100
41 34.7 26.6 39.8
56 30.5 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 0.800 ppbv
RT: 9.250 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

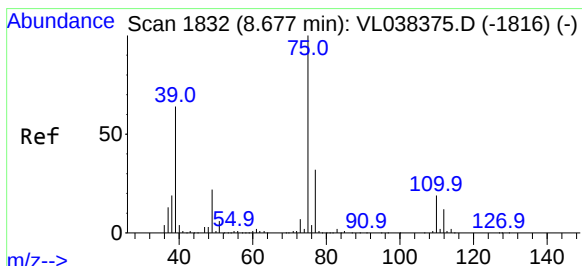
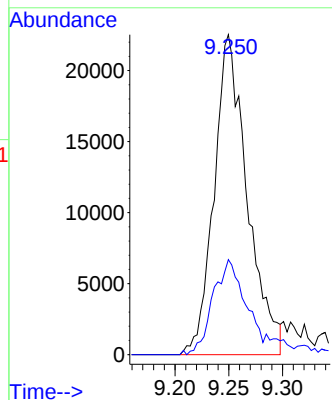
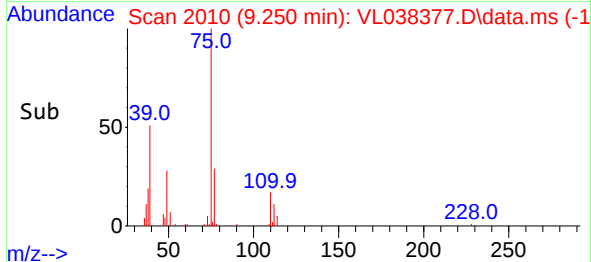
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



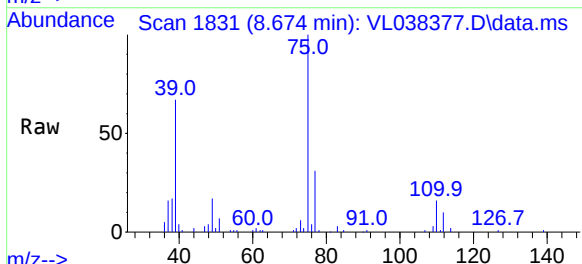
Tgt Ion: 75 Resp: 4822
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0

Manual Integrations
APPROVED

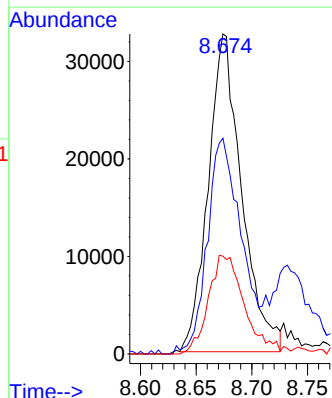
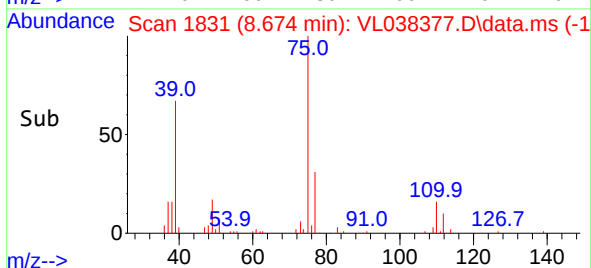
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

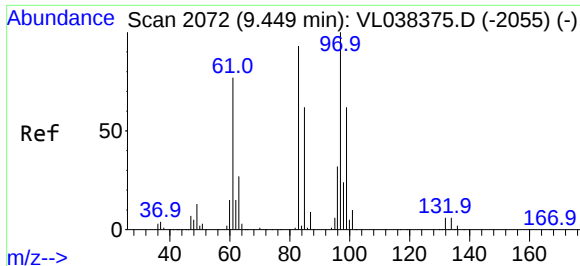


#46
cis-1,3-Dichloropropene
Concen: 0.844 ppbv
RT: 8.674 min Scan# 1831
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



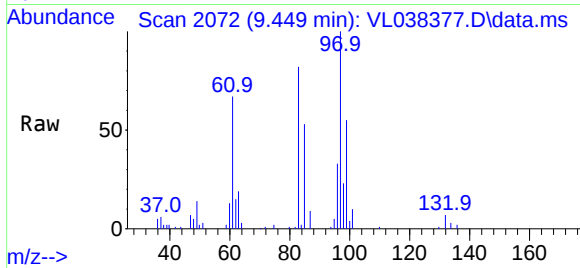
Tgt Ion: 75 Resp: 68081
Ion Ratio Lower Upper
75 100
39 66.6 51.4 77.2
77 30.8 25.4 38.2





#47
1,1,2-Trichloroethane
Concen: 0.969 ppbv
RT: 9.449 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

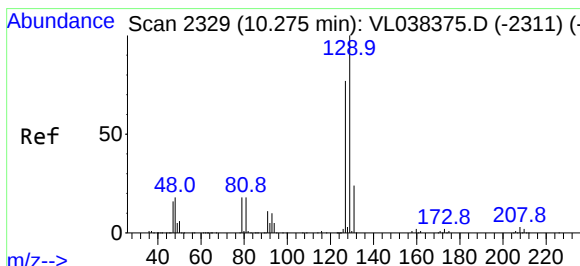
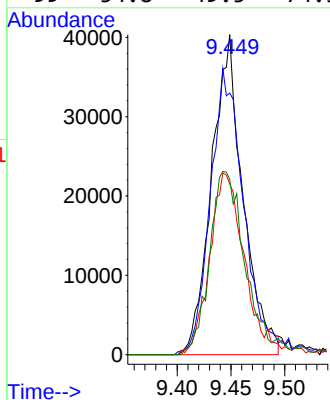
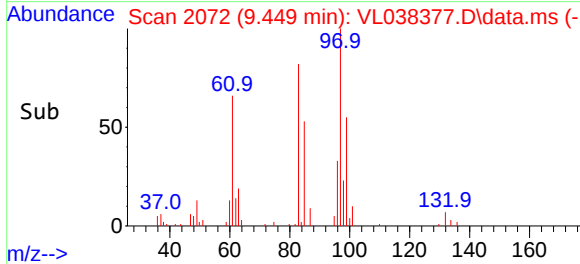
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



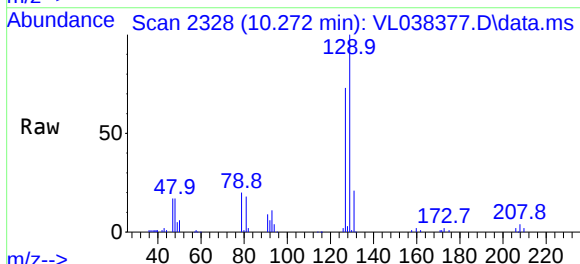
Tgt Ion: 97 Resp: 8188
Ion Ratio Lower Upper
97 100
83 80.9 74.2 111.4
85 53.4 49.8 74.8
99 54.8 49.5 74.3

Manual Integrations
APPROVED

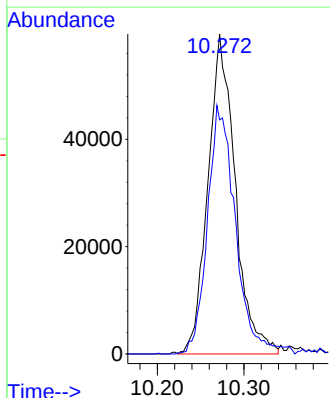
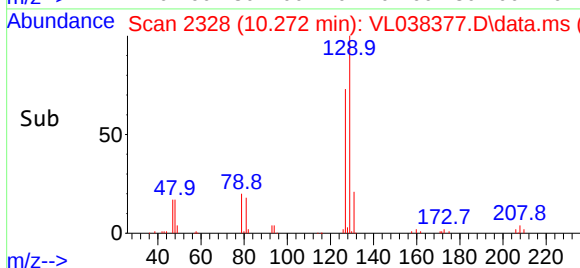
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

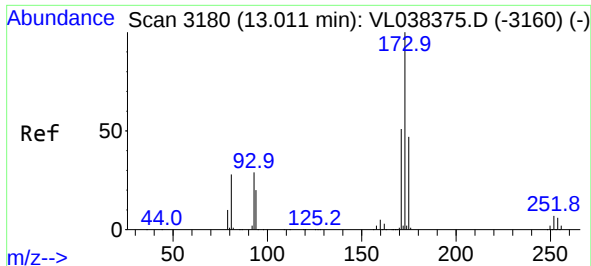


#48
Dibromochloromethane
Concen: 0.915 ppbv
RT: 10.272 min Scan# 2328
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



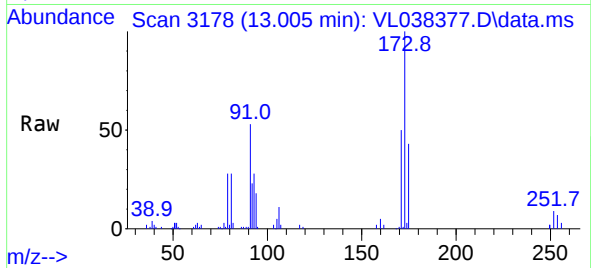
Tgt Ion:129 Resp: 130107
Ion Ratio Lower Upper
129 100
127 80.1 39.4 118.1





#49
Bromoform
Concen: 0.901 ppbv
RT: 13.005 min Scan# 3180
Delta R.T. -0.006 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

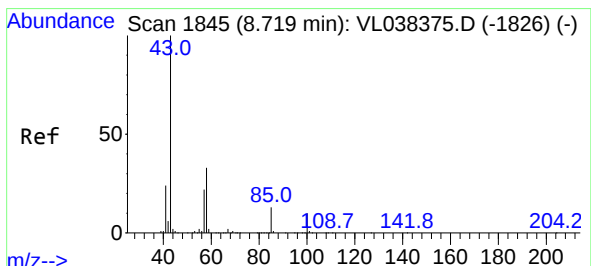
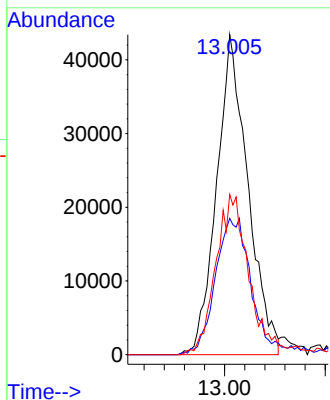
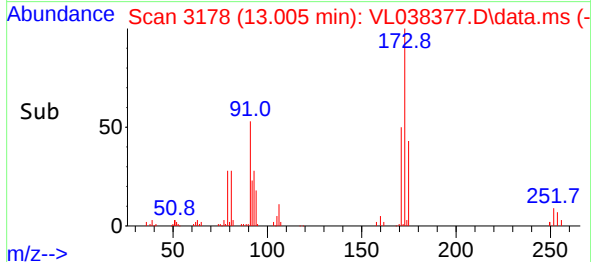
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:173 Resp: 9358
Ion Ratio Lower Upper
173 100
175 51.0 40.2 60.2
171 55.0 42.7 64.1

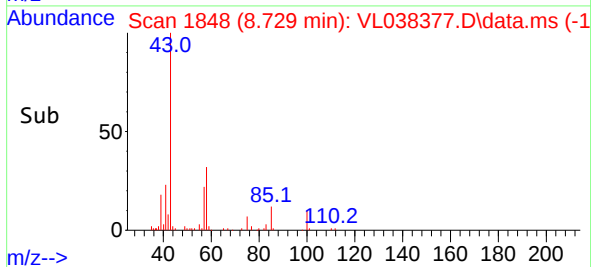
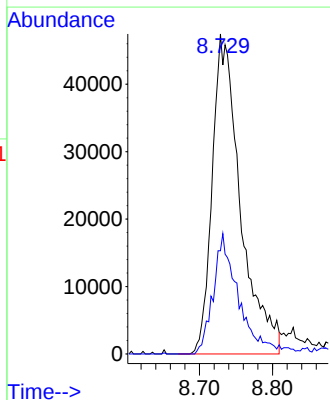
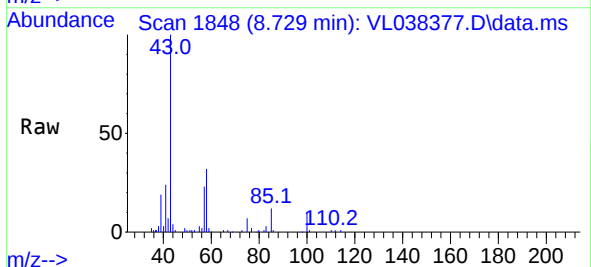
Manual Integrations
APPROVED

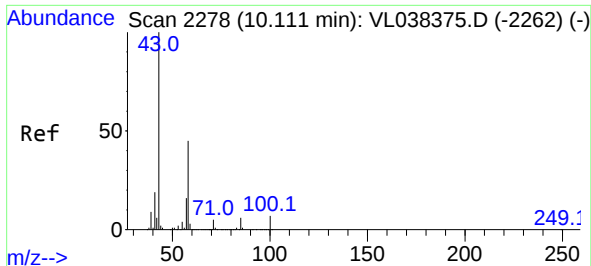
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#50
4-Methyl-2-Pentanone
Concen: 0.911 ppbv m
RT: 8.729 min Scan# 1848
Delta R.T. 0.010 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

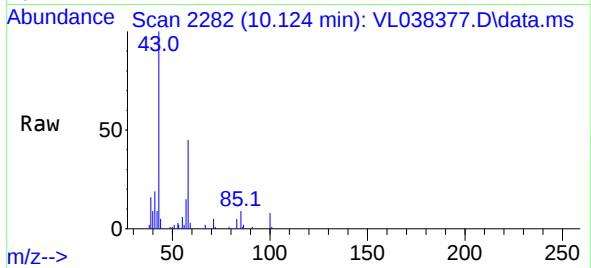
Tgt Ion: 43 Resp: 127288
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#





#51
2-Hexanone
Concen: 0.878 ppbv m
RT: 10.124 min Scan# 2278
Delta R.T. 0.013 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

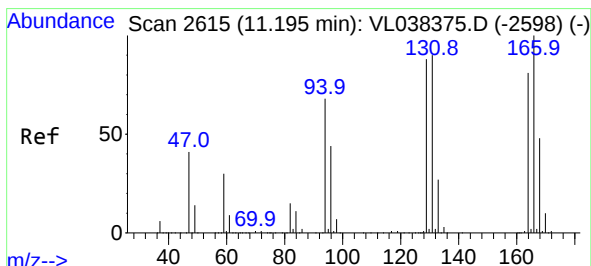
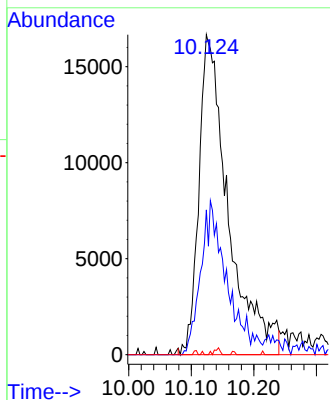
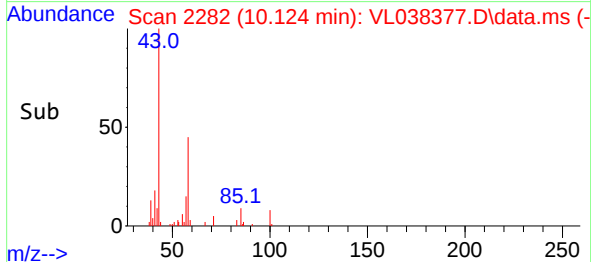
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



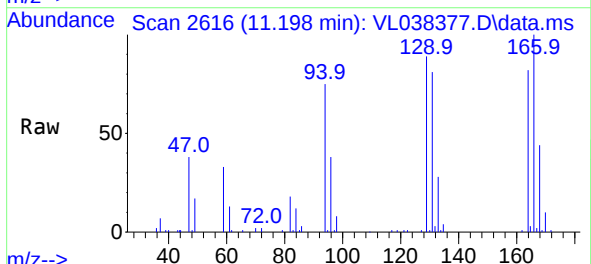
Tgt Ion: 43 Resp: 54210
Ion Ratio Lower Upper
43 100
58 42.8 37.4 56.0
98 0.5 0.1 0.1

Manual Integrations
APPROVED

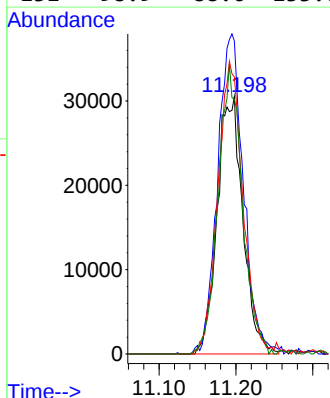
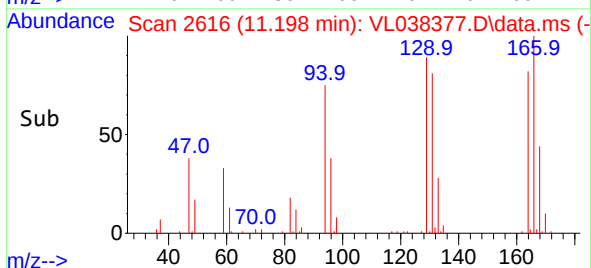
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

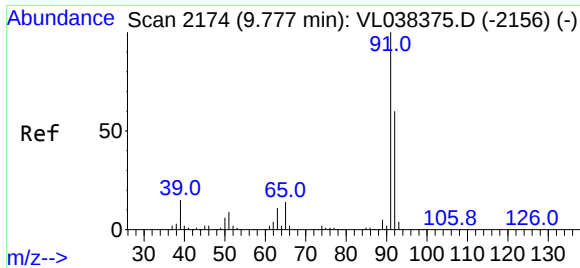


#52
Tetrachloroethene
Concen: 0.975 ppbv m
RT: 11.198 min Scan# 2616
Delta R.T. 0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



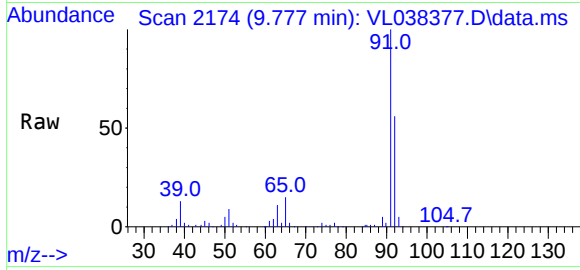
Tgt Ion:164 Resp: 70894
Ion Ratio Lower Upper
164 100
166 121.6 98.6 148.0
129 107.6 86.9 130.3
131 98.9 88.6 133.0





#53
Toluene
Concen: 0.978 ppbv
RT: 9.777 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

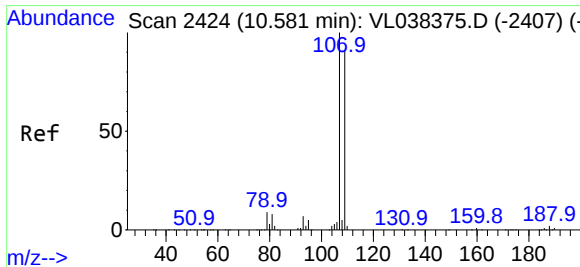
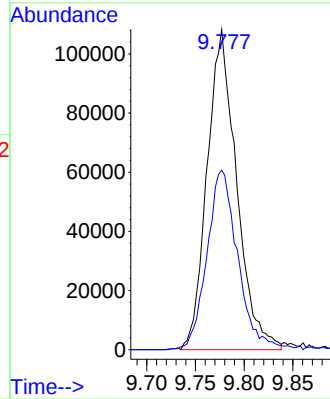
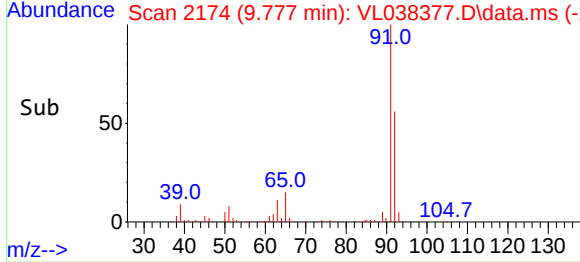
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



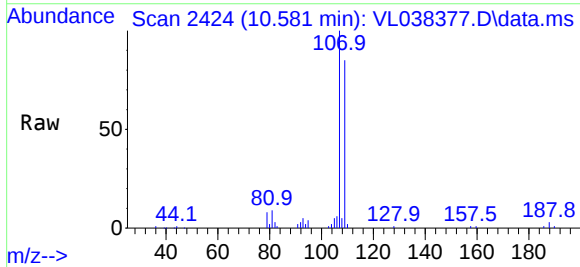
Tgt Ion: 91 Resp: 22811
Ion Ratio Lower Upper
91 100
92 58.8 48.2 72.4

Manual Integrations
APPROVED

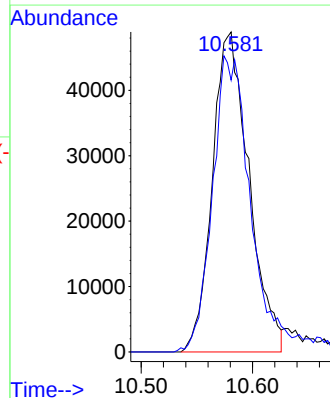
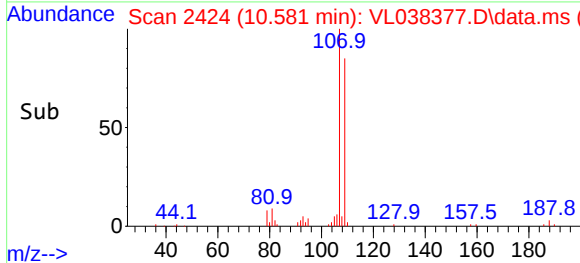
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

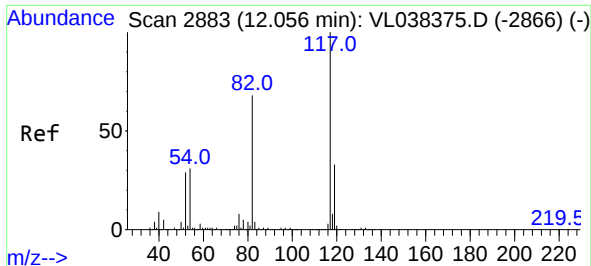


#54
1,2-Dibromoethane
Concen: 0.929 ppbv
RT: 10.581 min Scan# 2424
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



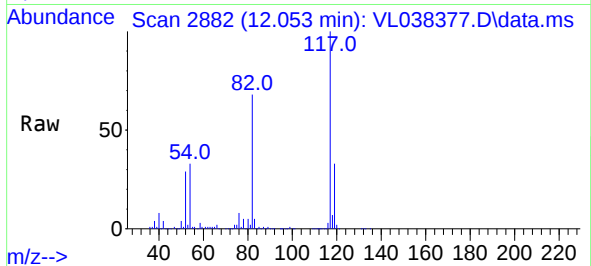
Tgt Ion:107 Resp: 111447
Ion Ratio Lower Upper
107 100
109 83.6 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.053 min Scan# 2883
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

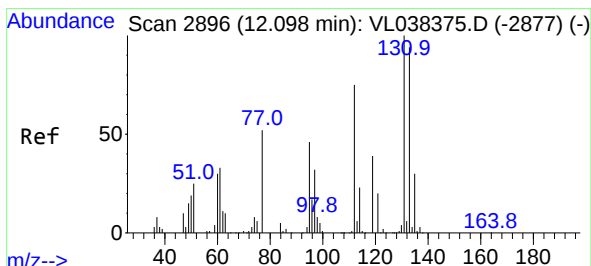
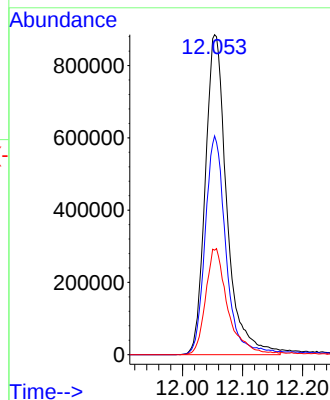
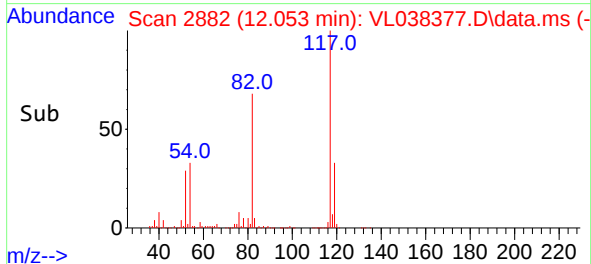
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



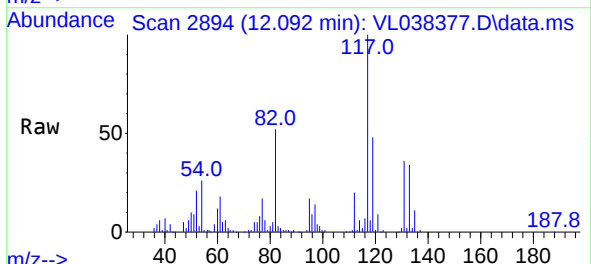
Tgt Ion:117 Resp: 221174
Ion Ratio Lower Upper
117 100
82 67.5 54.9 82.3
119 35.1 46.1 69.1

Manual Integrations
APPROVED

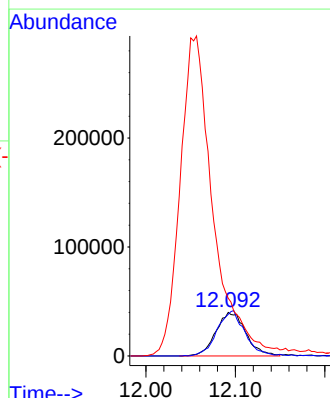
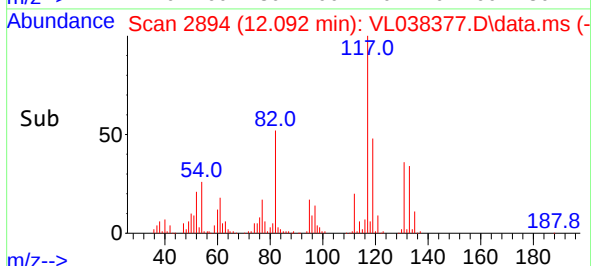
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

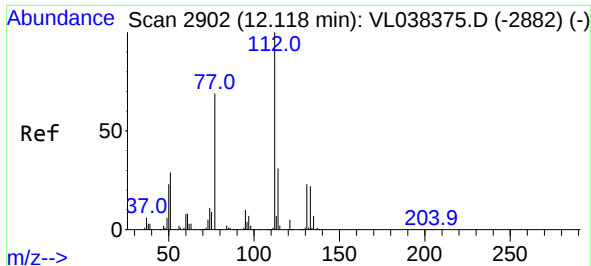


#56
1,1,1,2-Tetrachloroethane
Concen: 0.966 ppbv m
RT: 12.092 min Scan# 2894
Delta R.T. -0.006 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



Tgt Ion:131 Resp: 93486
Ion Ratio Lower Upper
131 100
133 97.6 77.3 115.9
119 0.0 48.6 73.0





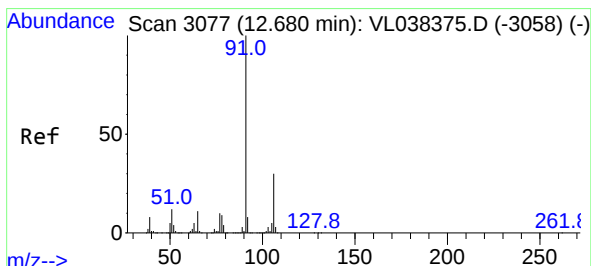
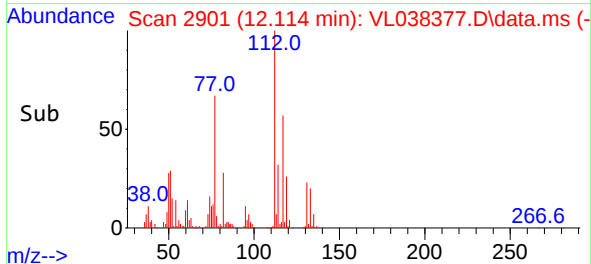
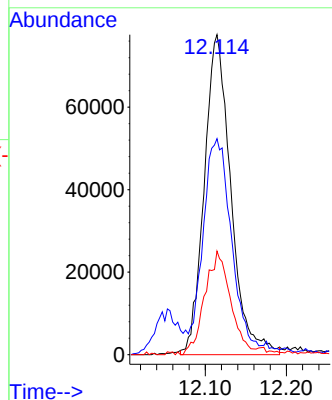
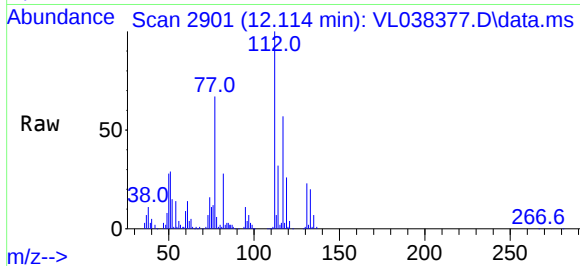
#57
Chlorobenzene
Concen: 1.003 ppbv m
RT: 12.114 min Scan# 2901
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 17680
Ion Ratio Lower Upper
112 100
77 67.5 55.2 82.8
114 32.3 27.9 34.1

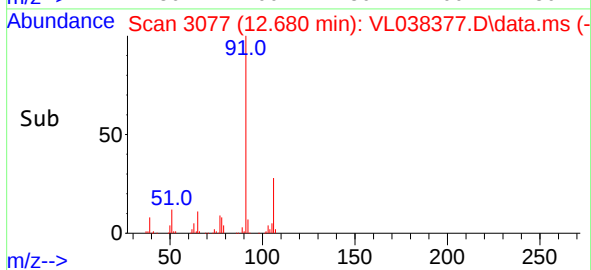
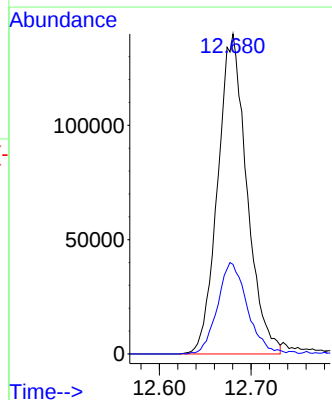
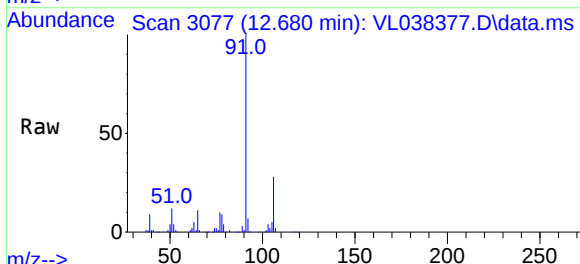
Manual Integrations
APPROVED

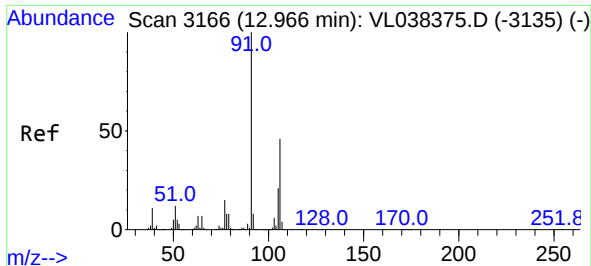
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#58
Ethyl Benzene
Concen: 0.952 ppbv
RT: 12.680 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Tgt Ion: 91 Resp: 308353
Ion Ratio Lower Upper
91 100
106 28.0 24.0 36.0





#59

m/p-Xylene

Concen: 1.944 ppbv m

RT: 12.960 min Scan# 3166

Delta R.T. -0.006 min

Lab File: VL038377.D

Acq: 22 Feb 2022 5:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 53863

Ion Ratio Lower Upper

91 100

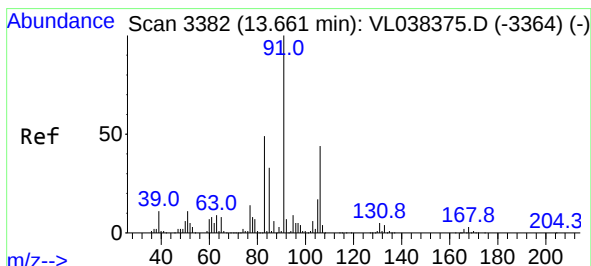
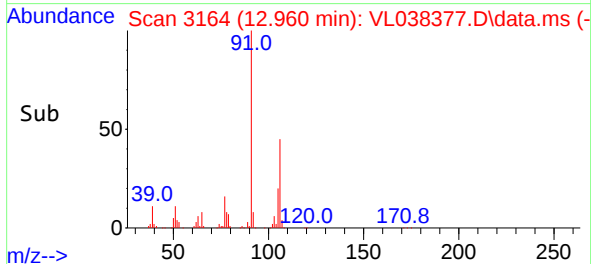
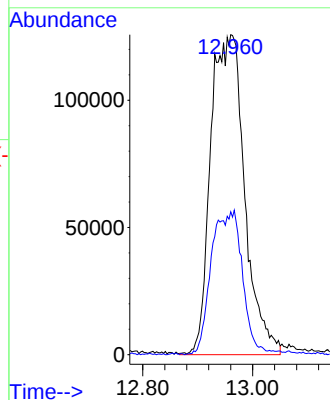
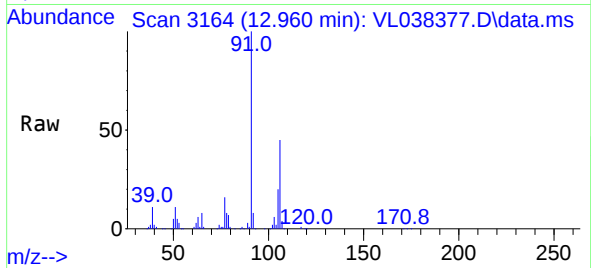
106 41.9 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Amit Patel 02/23/2022



#60

o-Xylene

Concen: 0.985 ppbv

RT: 13.661 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VL038377.D

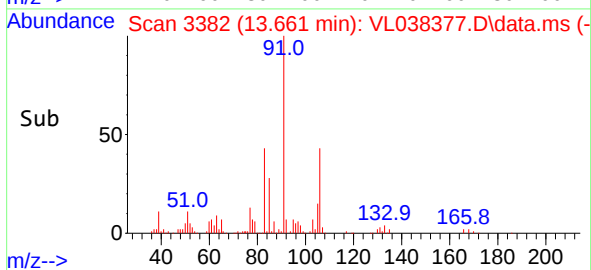
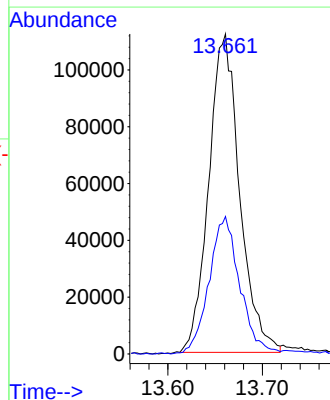
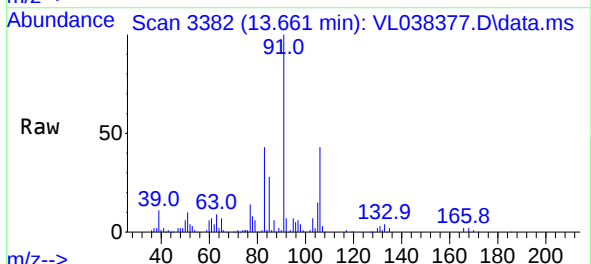
Acq: 22 Feb 2022 5:28

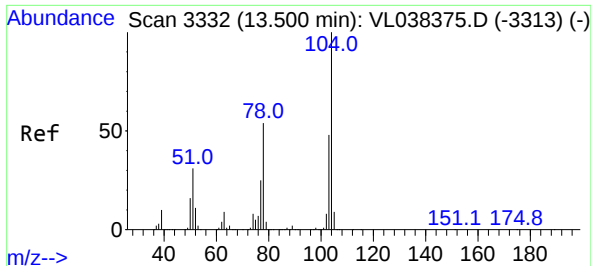
Tgt Ion: 91 Resp: 254487

Ion Ratio Lower Upper

91 100

106 44.1 21.9 65.5





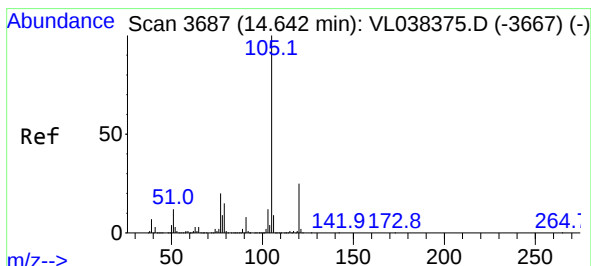
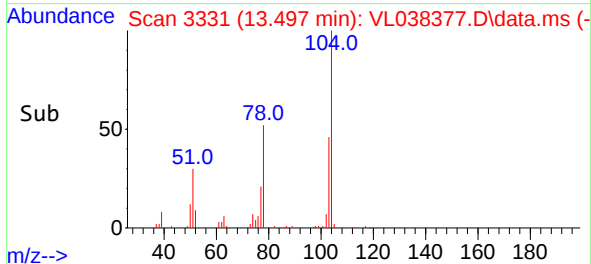
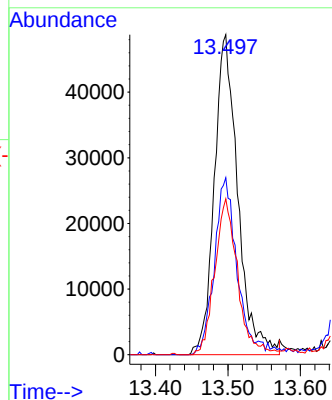
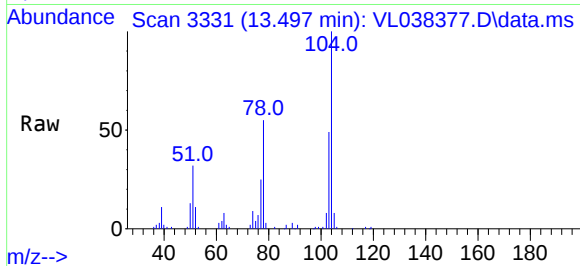
#61
Styrene
Concen: 0.913 ppbv m
RT: 13.497 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 109869
Ion Ratio Lower Upper
104 100
78 55.7 44.2 66.4
103 47.5 38.4 57.6

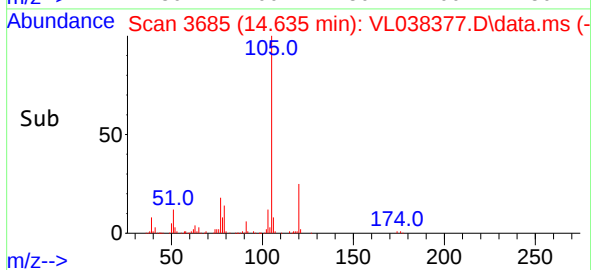
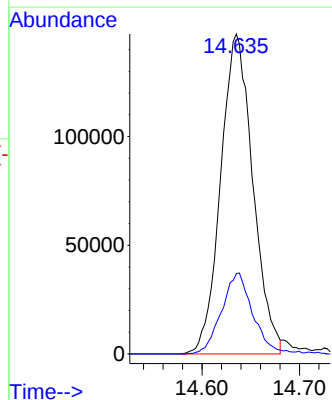
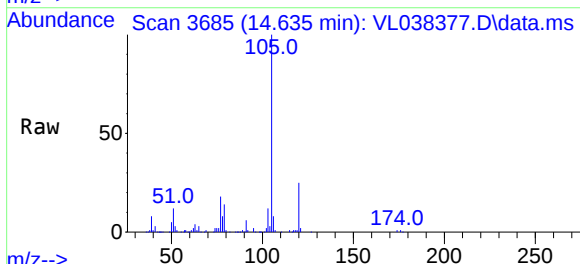
Manual Integrations
APPROVED

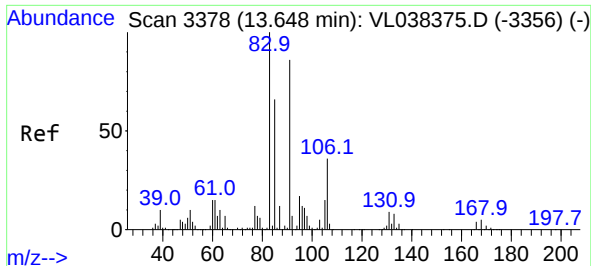
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#62
Isopropylbenzene
Concen: 0.980 ppbv
RT: 14.635 min Scan# 3685
Delta R.T. -0.006 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

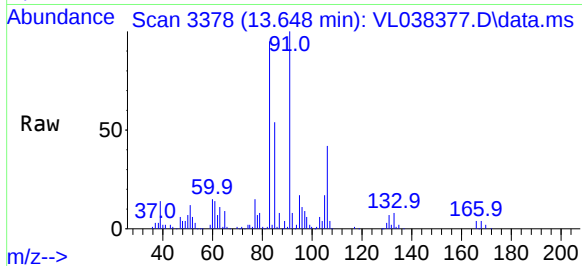
Tgt Ion:105 Resp: 337897
Ion Ratio Lower Upper
105 100
120 25.0 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.986 ppbv
RT: 13.648 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

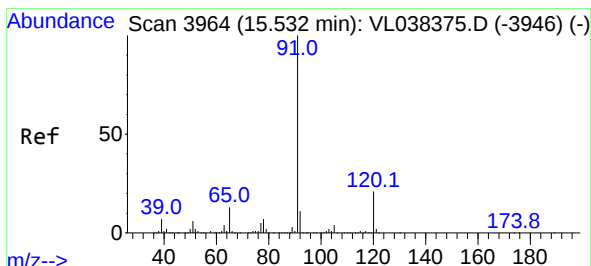
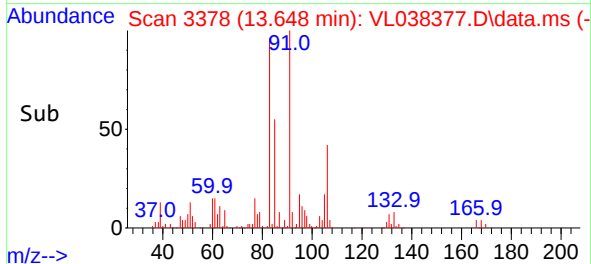
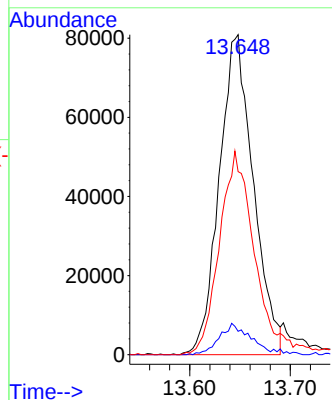
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 83 Resp: 190490
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.7
85 67.2 33.0 99.0

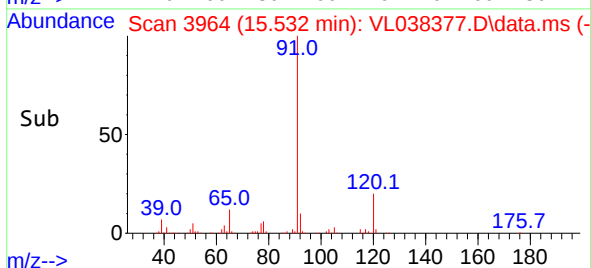
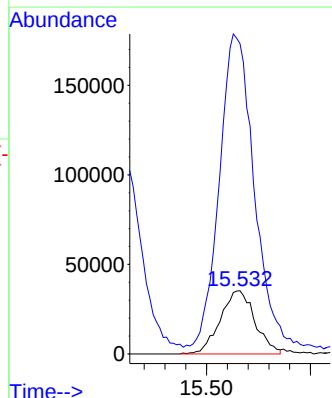
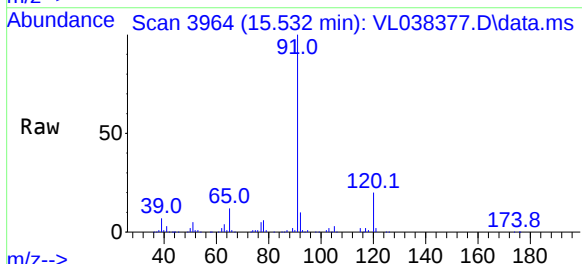
Manual Integrations
APPROVED

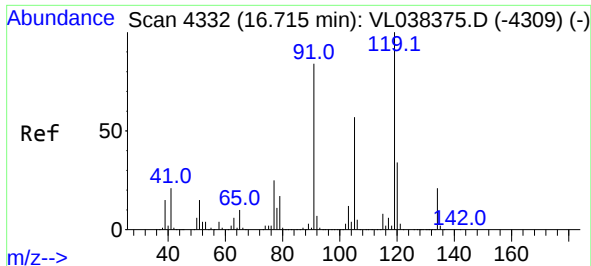
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#64
n-propylbenzene
Concen: 0.979 ppbv
RT: 15.532 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Tgt Ion:120 Resp: 81925
Ion Ratio Lower Upper
120 100
91 535.6 388.1 582.1





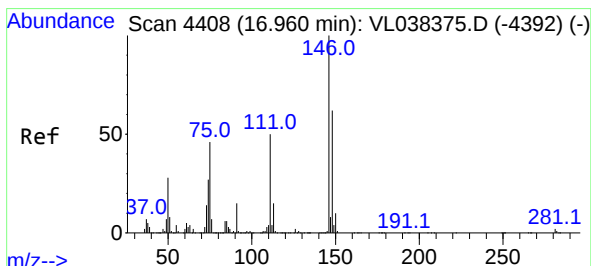
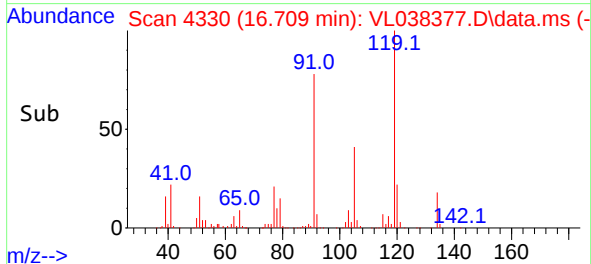
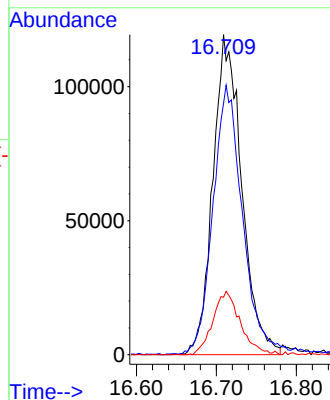
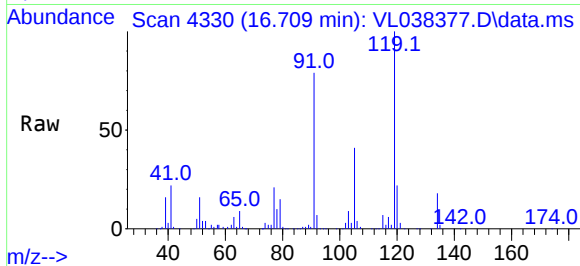
#65
tert-Butylbenzene
Concen: 1.035 ppbv
RT: 16.709 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 29806
Ion Ratio Lower Upper
119 100
91 88.4 68.0 102.0
134 18.9 15.8 23.8

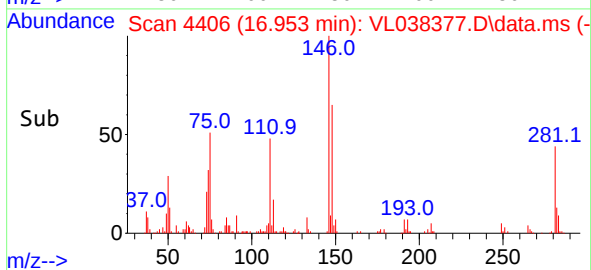
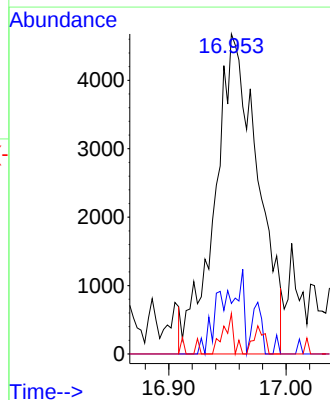
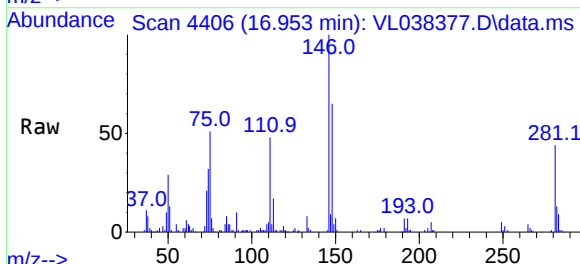
Manual Integrations
APPROVED

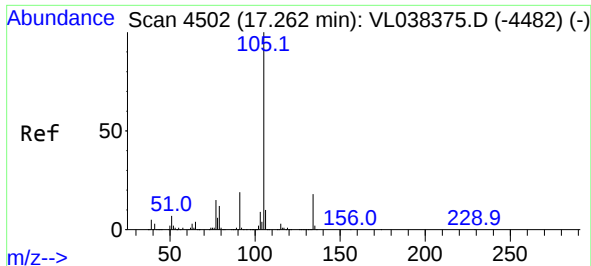
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#66
Benzyl Chloride
Concen: 0.877 ppbv m
RT: 16.953 min Scan# 4406
Delta R.T. -0.006 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

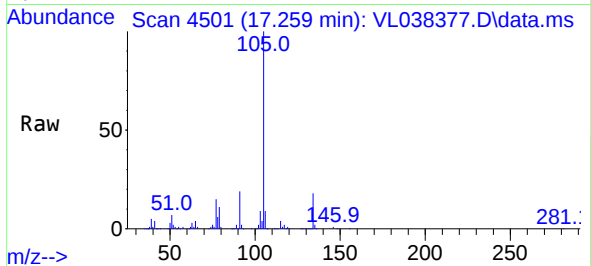
Tgt Ion: 91 Resp: 11852
Ion Ratio Lower Upper
91 100
126 0.0 12.3 18.5#
128 3.1 4.2 6.4#





#67
 sec-Butylbenzene
 Concen: 1.051 ppbv
 RT: 17.259 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28

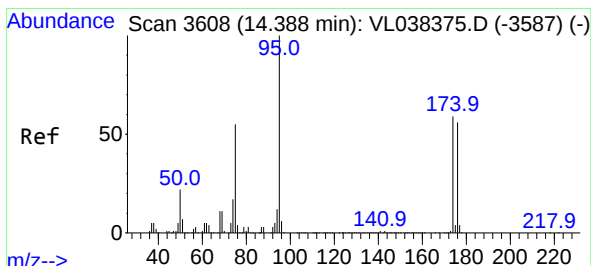
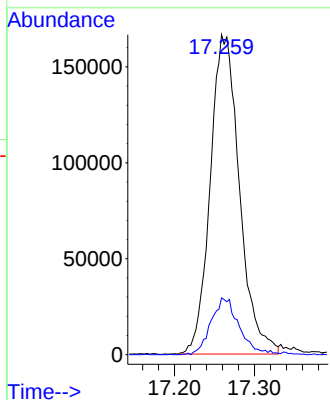
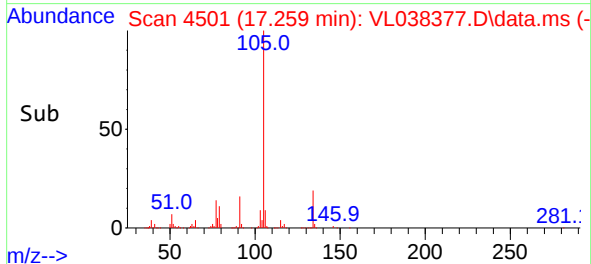
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



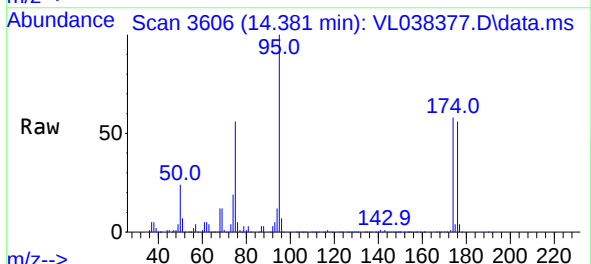
Tgt Ion:105 Resp: 422370
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.6 21.8

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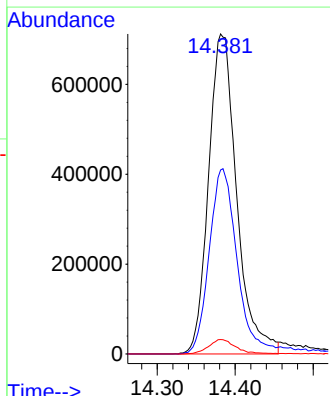
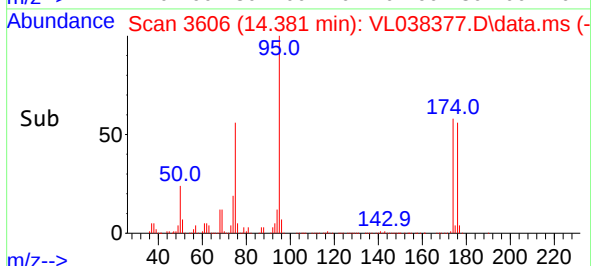
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

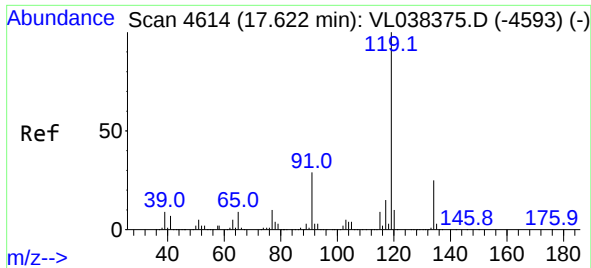


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.551 ppbv
 RT: 14.381 min Scan# 3606
 Delta R.T. -0.006 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28



Tgt Ion: 95 Resp: 1784729
 Ion Ratio Lower Upper
 95 100
 174 60.3 49.0 73.4
 175 4.4 3.6 5.4





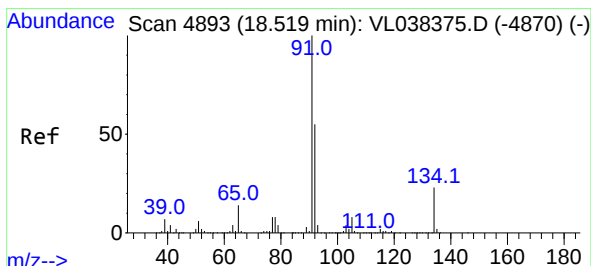
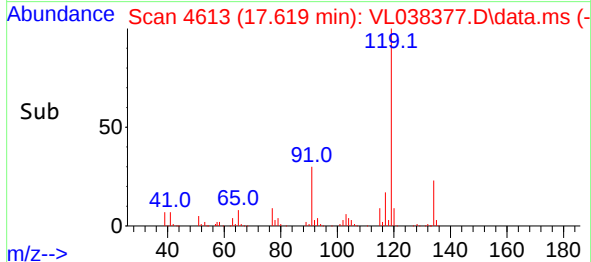
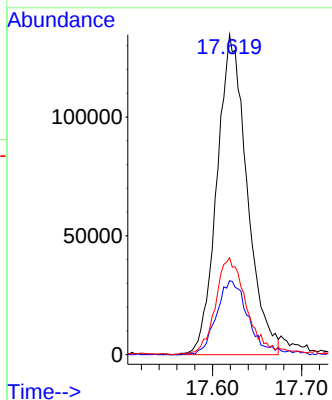
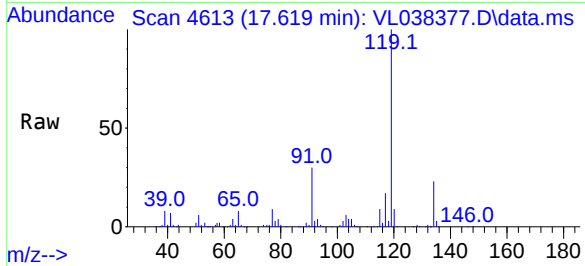
#69
p-Isopropyltoluene
Concen: 1.018 ppbv
RT: 17.619 min Scan# 4613
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 316330
Ion Ratio Lower Upper
119 100
134 25.0 20.4 30.6
91 32.4 23.8 35.8

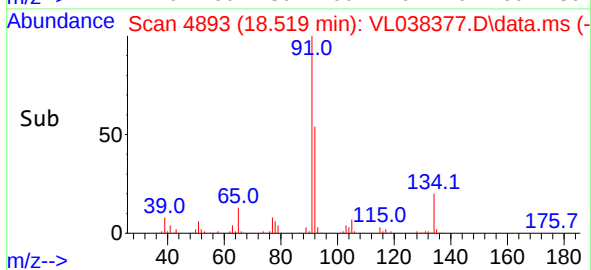
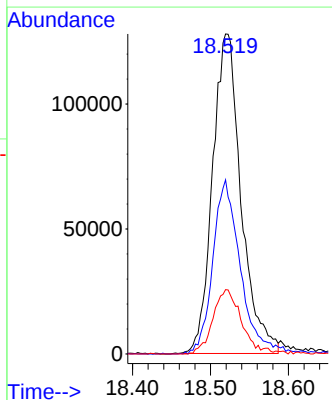
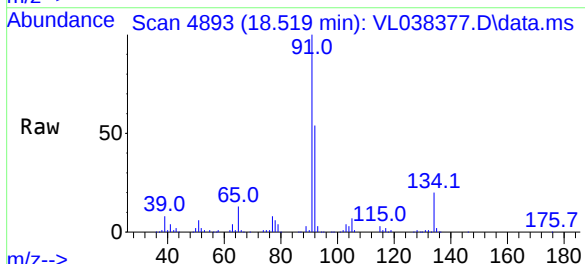
Manual Integrations
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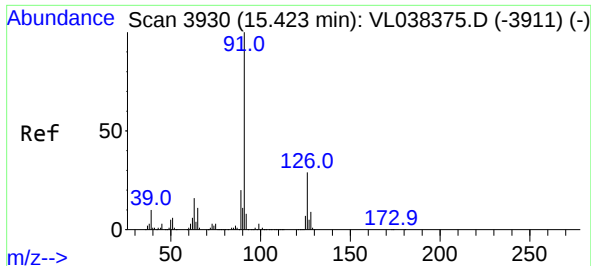
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#70
n-Butylbenzene
Concen: 1.056 ppbv
RT: 18.519 min Scan# 4893
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Tgt Ion: 91 Resp: 325995
Ion Ratio Lower Upper
91 100
92 53.6 43.1 64.7
134 20.6 17.4 26.0





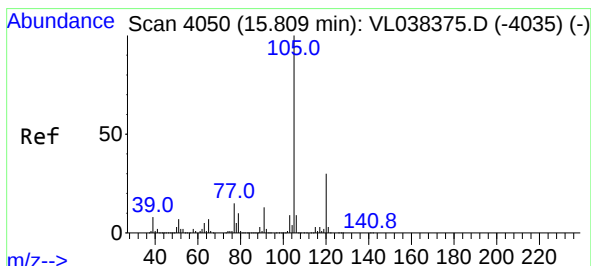
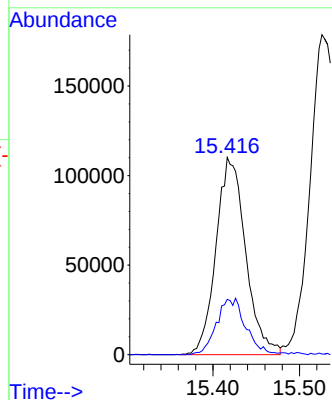
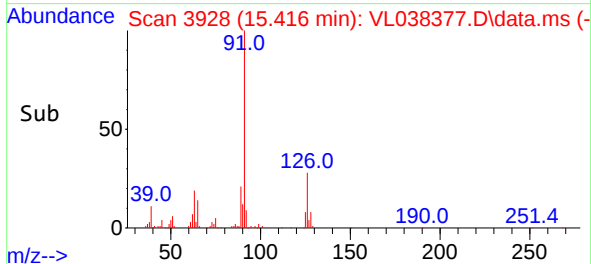
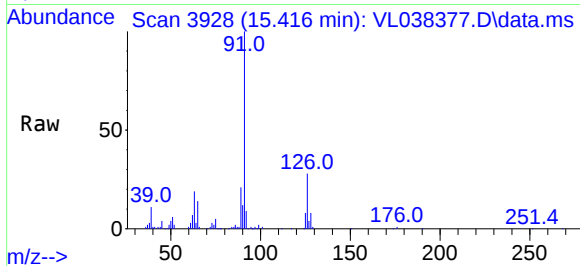
#71
2-Chlorotoluene
Concen: 1.013 ppbv
RT: 15.416 min Scan# 3911
Delta R.T. -0.006 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 261720
Ion Ratio Lower Upper
91 100
126 28.1 11.9 47.7

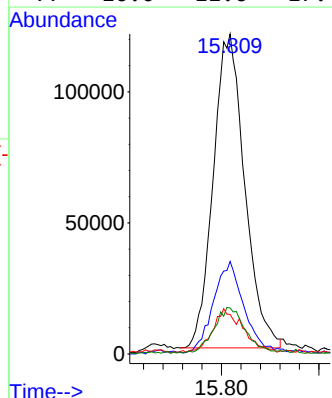
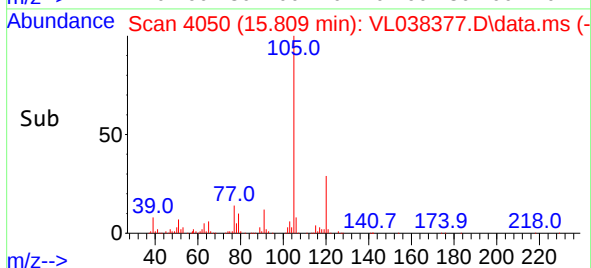
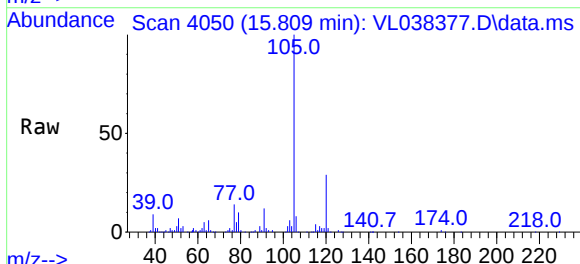
Manual Integrations
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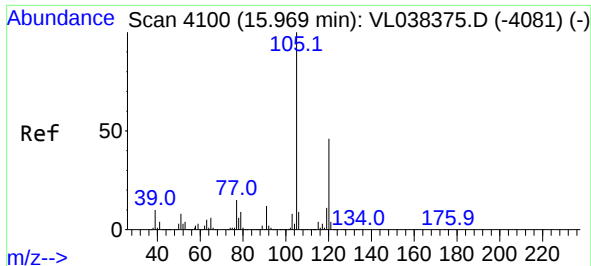
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#72
4-Ethyltoluene
Concen: 0.977 ppbv
RT: 15.809 min Scan# 4050
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

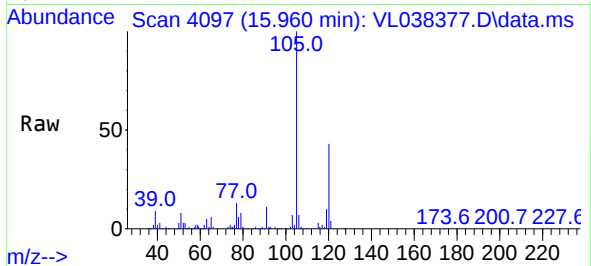
Tgt Ion:105 Resp: 267929
Ion Ratio Lower Upper
105 100
120 29.7 23.4 35.2
91 14.3 10.4 15.6
77 16.0 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 0.992 ppbv
RT: 15.960 min Scan# 4097
Delta R.T. -0.010 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

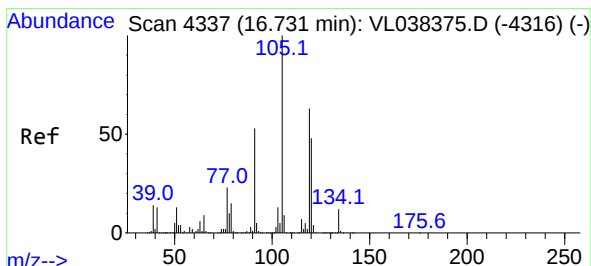
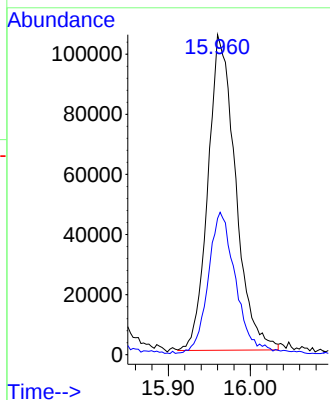
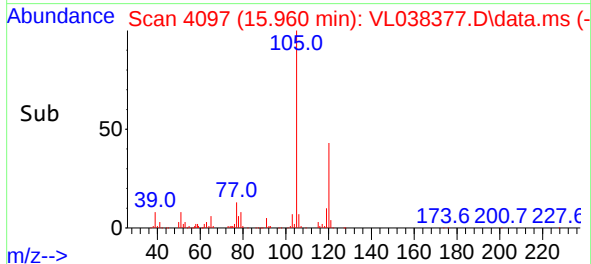
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



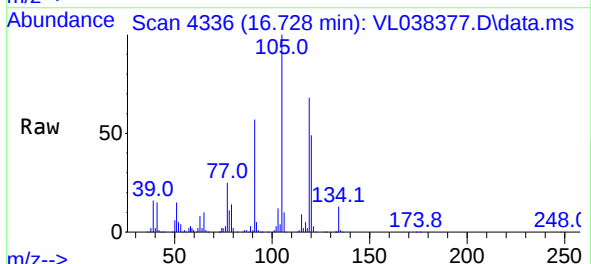
Tgt Ion:105 Resp: 245618
Ion Ratio Lower Upper
105 100
120 42.6 36.6 55.0

Manual Integrations
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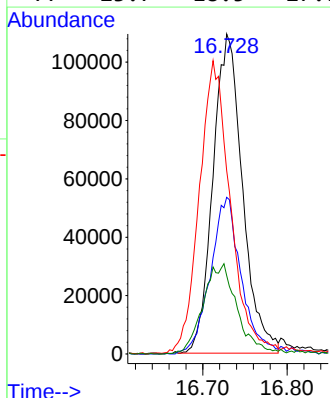
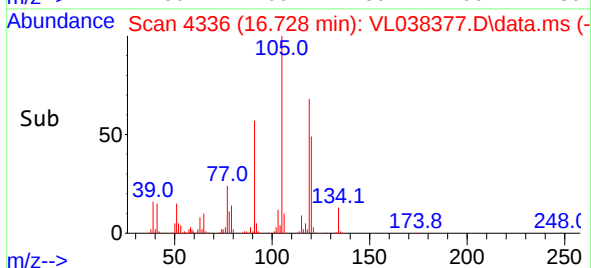
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

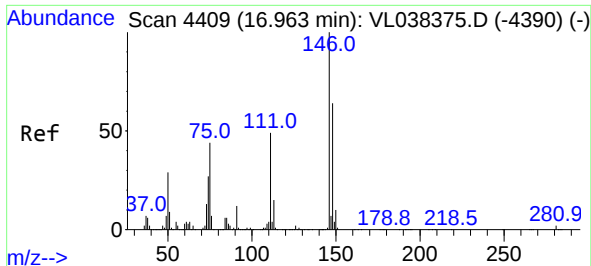


#74
1,2,4-Trimethylbenzene
Concen: 1.019 ppbv
RT: 16.728 min Scan# 4336
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



Tgt Ion:105 Resp: 266670
Ion Ratio Lower Upper
105 100
120 48.4 38.2 57.4
91 55.8 42.7 64.1
77 23.7 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 1.005 ppbv

RT: 16.960 min Scan# 4409

Delta R.T. -0.003 min

Lab File: VL038377.D

Acq: 22 Feb 2022 5:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 142468

Ion Ratio Lower Upper

146 100

111 51.1 24.3 72.9

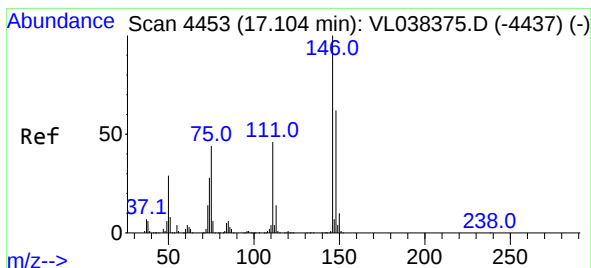
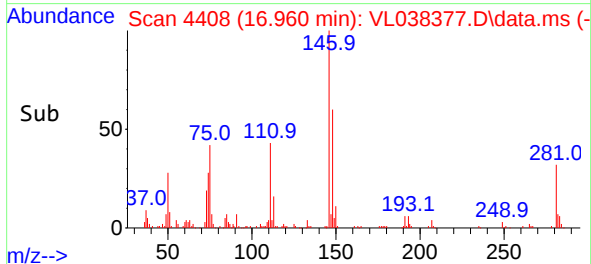
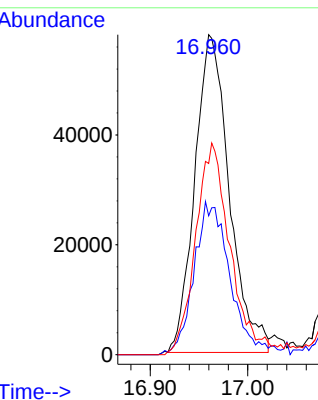
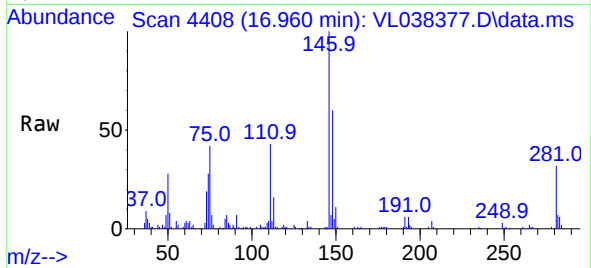
148 67.1 32.0 96.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Amit Patel 02/23/2022



#76

1,4-Dichlorobenzene

Concen: 1.069 ppbv m

RT: 17.108 min Scan# 4454

Delta R.T. 0.003 min

Lab File: VL038377.D

Acq: 22 Feb 2022 5:28

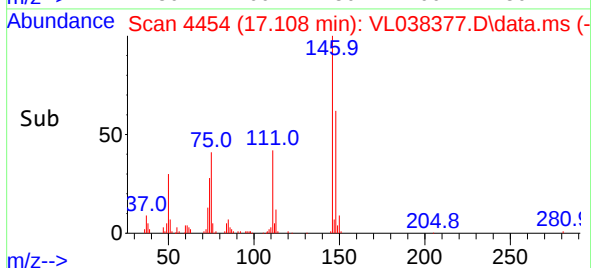
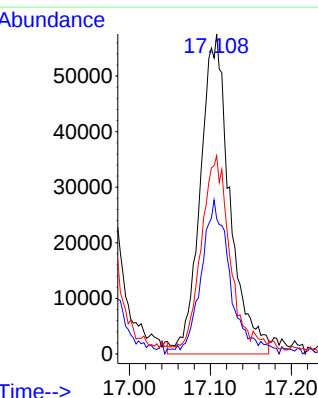
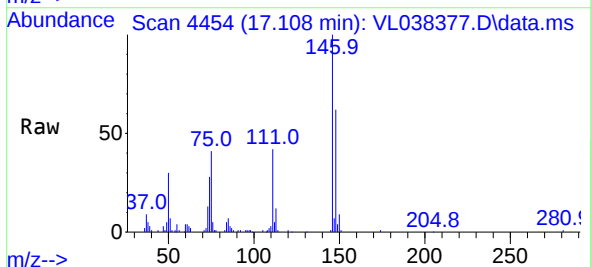
Tgt Ion:146 Resp: 146329

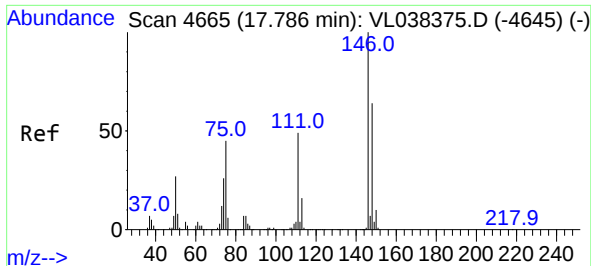
Ion Ratio Lower Upper

146 100

111 0.0 24.1 72.2#

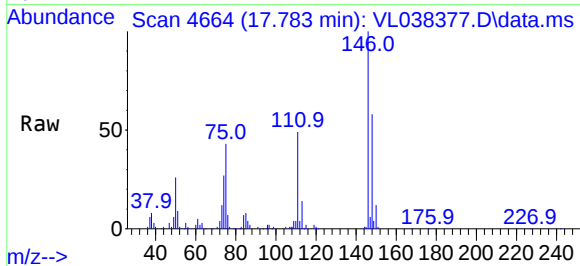
148 0.0 32.8 98.4#





#77
1,2-Dichlorobenzene
Concen: 1.062 ppbv
RT: 17.783 min Scan# 4664
Delta R.T. -0.003 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

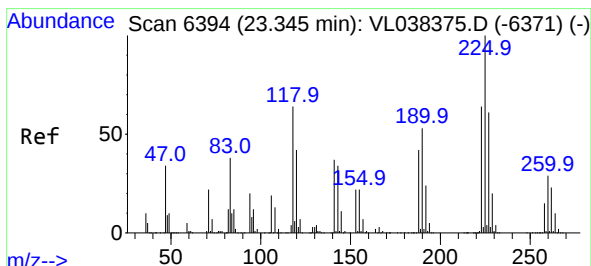
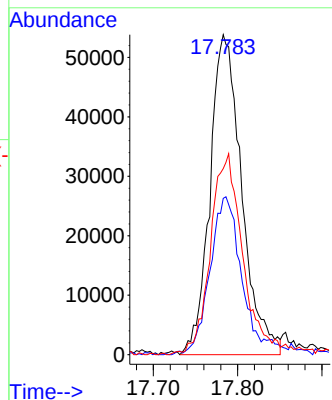
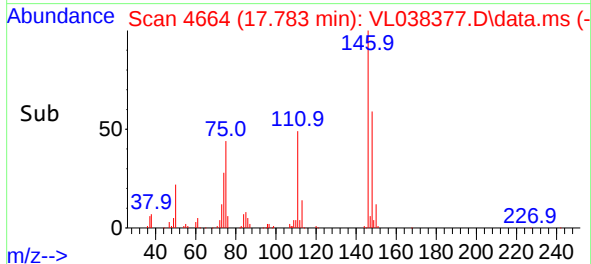
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



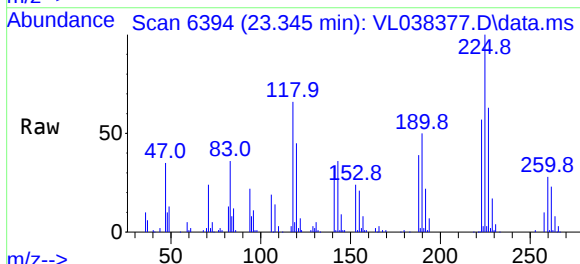
Tgt Ion:146 Resp: 140879
Ion Ratio Lower Upper
146 100
111 51.1 25.6 76.6
148 66.1 32.4 97.2

Manual Integrations
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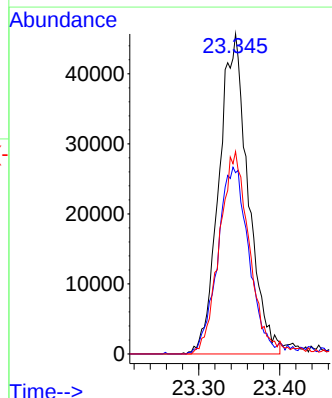
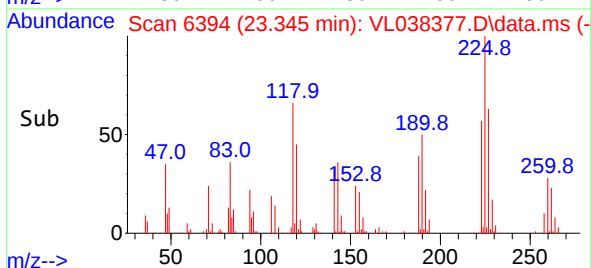
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

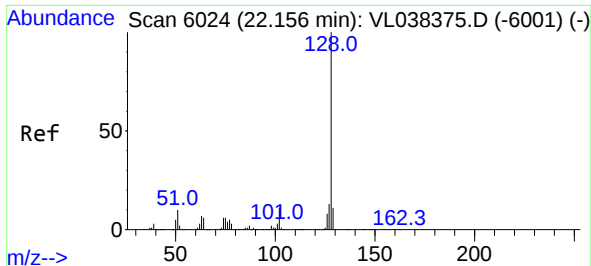


#78
Hexachloro-1,3-Butadiene
Concen: 1.236 ppbv m
RT: 23.345 min Scan# 6394
Delta R.T. 0.000 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



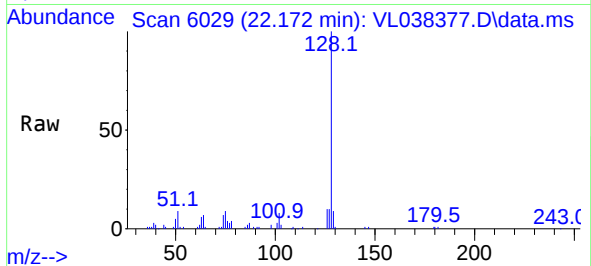
Tgt Ion:225 Resp: 114497
Ion Ratio Lower Upper
225 100
223 0.0 52.0 78.0#
227 0.0 51.6 77.4#





#79
Naphthalene
Concen: 0.906 ppbv m
RT: 22.172 min Scan# 6024
Delta R.T. 0.016 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28

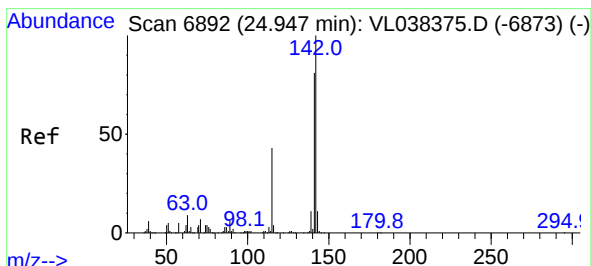
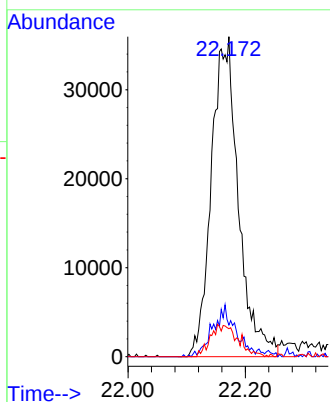
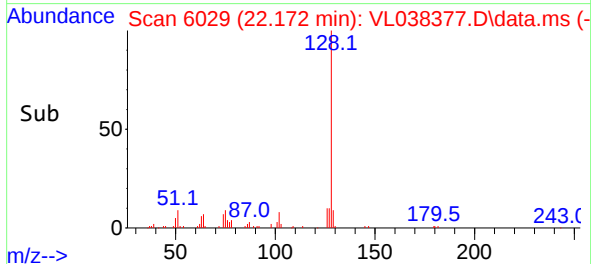
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



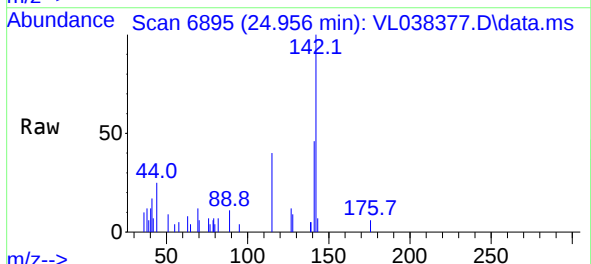
Tgt Ion:128 Resp: 114590
Ion Ratio Lower Upper
128 100
127 9.9 10.7 16.1
129 8.8 8.8 13.2

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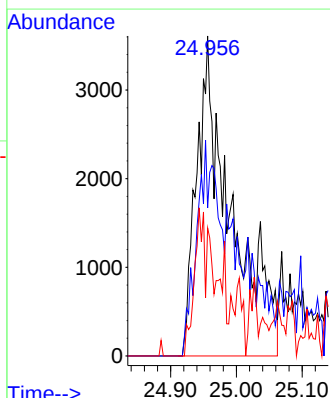
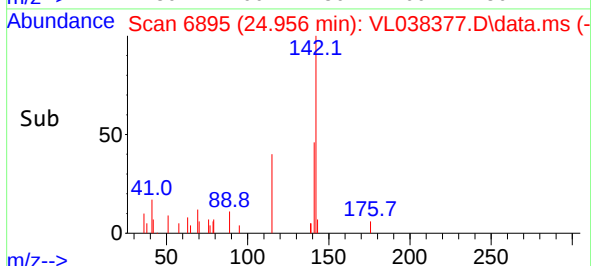
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

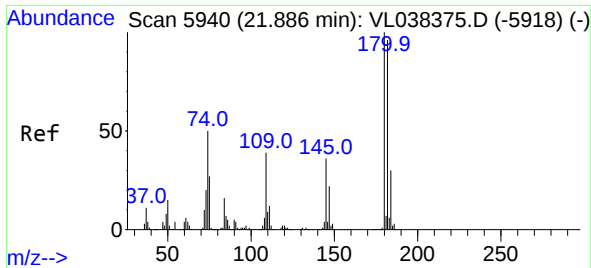


#80
Naphthalene,2-methyl-
Concen: 0.811 ppbv m
RT: 24.956 min Scan# 6895
Delta R.T. 0.010 min
Lab File: VL038377.D
Acq: 22 Feb 2022 5:28



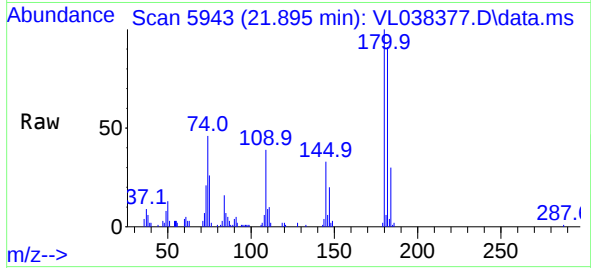
Tgt Ion:142 Resp: 13092
Ion Ratio Lower Upper
142 100
141 58.0 69.8 104.6#
115 30.4 33.0 49.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 1.004 ppbv m
 RT: 21.895 min Scan# 5943
 Delta R.T. 0.010 min
 Lab File: VL038377.D
 Acq: 22 Feb 2022 5:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 75180

Ion	Ratio	Lower	Upper
180	100		
182	103.5	77.4	116.2
184	30.7	24.9	37.3

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 Supervised By :Amit Patel 02/23/2022

