

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038336.D
 Acq On : 14 Feb 2022 10:28
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/15/2022
 Supervised By : Mahesh Dadoda 02/18/2022

Quant Time: Feb 15 00:39:26 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	720803	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.163	114	2443721	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.070	117	2366900m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.397 95 1836340 10.222 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	1201258	7.829	ppbv	98
3) Chlorodifluoromethane	2.989	51	1649956	11.498	ppbv	99
4) Chloromethane	3.141	50	570560	11.558	ppbv	99
5) Vinyl Chloride	3.256	62	574746	11.665	ppbv	96
6) Bromomethane	3.469	94	320349	12.026	ppbv	95
7) Chloroethane	3.555	64	190360	11.438	ppbv	100
8) Dichlorotetrafluoroethane	3.186	85	1354197	11.405	ppbv	98
9) Propene	3.012	41	556277	11.909	ppbv	99
10) Heptane	8.108	43	1427718	11.880	ppbv	99
11) Trichlorofluoromethane	3.948	101	1432697	11.985	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.481	101	1042001	11.532	ppbv	97
13) Ethanol	3.600	45	102094m	20.359	ppbv	
14) Bromoethene	3.735	108	416575	11.798	ppbv	97
15) Acetone	3.845	43	720198	11.334	ppbv	100
16) 1,3-Butadiene	3.327	39	543320	11.916	ppbv	100
17) tert-Butyl alcohol	4.279	59	875562	12.555	ppbv	98
18) 1,1-Dichloroethene	4.282	96	465849	11.856	ppbv	97
19) Isopropyl Alcohol	3.957	45	470186	11.829	ppbv #	98
20) Methylene Chloride	4.340	84	390854	10.576	ppbv	98
21) Allyl Chloride	4.404	41	710976	12.646	ppbv	100
22) trans-1,2-Dichloroethene	4.880	96	498677	12.282	ppbv	98
23) Vinyl Acetate	5.063	43	1145587	12.400	ppbv	99
24) 1,1-Dichloroethane	5.005	63	999661	12.146	ppbv	100
25) Ethyl Acetate	5.668	43	1778780	9.999	ppbv	100
26) Hexane	5.681	57	837471	10.121	ppbv	97
27) Carbon Disulfide	4.542	76	1208909	12.488	ppbv	99
28) Methyl tert-Butyl Ether	5.025	73	1039181	12.106	ppbv	99
29) Chloroform	5.742	83	1549400	11.471	ppbv	98
30) Cyclohexane	7.121	84	840649	11.668	ppbv	98
31) cis-1,2-Dichloroethene	5.539	61	748834	10.374	ppbv	98
32) 1,1,1-Trichloroethane	6.501	97	1604754	11.895	ppbv	99
34) 2-Butanone	5.234	43	781457	9.779	ppbv	99
35) Carbon Tetrachloride	7.009	117	1679574	9.791	ppbv	98
36) Benzene	6.880	78	2081282	9.629	ppbv	98
37) 1,2-Dichloroethane	6.298	62	1247122	10.073	ppbv	99
38) Trichloroethene	7.822	130	764840	9.499	ppbv	96
39) 1,2-Dichloropropane	7.600	63	849820	9.697	ppbv	97
40) 1,4-Dioxane	7.822	88	208765	9.897	ppbv	75
41) Tetrahydrofuran	6.038	42	531594	9.895	ppbv	99
42) Bromodichloromethane	7.777	83	1792433	9.758	ppbv	100
43) Methyl Methacrylate	8.002	69	800997	10.476	ppbv	99
44) 2,2,4-Trimethylpentane	7.854	57	3581764	9.403	ppbv	100
45) t-1,3-Dichloropropene	9.266	75	722719	11.634	ppbv	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

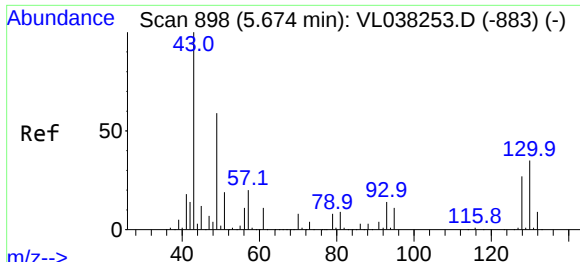
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 2022

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

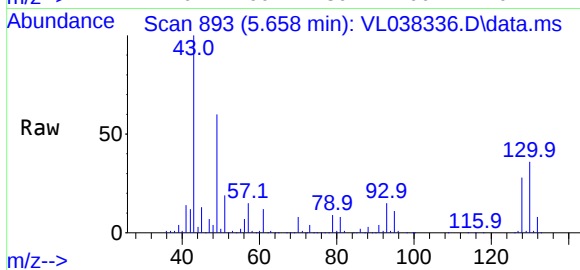
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	894499	10.792	ppbv	98
47) 1,1,2-Trichloroethane	9.459	97	847955	9.847	ppbv	99
48) Dibromochloromethane	10.288	129	1453027	10.023	ppbv	98
49) Bromoform	13.024	173	1098168	10.508	ppbv	98
50) 4-Methyl-2-Pentanone	8.729	43	1430465	10.034	ppbv	99
51) 2-Hexanone	10.124	43	644176	10.260	ppbv #	99
52) Tetrachloroethene	11.205	164	693061	9.303	ppbv	98
53) Toluene	9.790	91	2384583	9.967	ppbv	99
54) 1,2-Dibromoethane	10.597	107	1249652	10.208	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.111	131	929177	8.969	ppbv	96
57) Chlorobenzene	12.131	112	1672696	8.831	ppbv	99
58) Ethyl Benzene	12.693	91	3142741	9.035	ppbv	100
59) m/p-Xylene	12.979	91	5341024m	17.997	ppbv	
60) o-Xylene	13.677	91	2500362	9.058	ppbv	100
61) Styrene	13.510	104	1298736	10.082	ppbv	99
62) Isopropylbenzene	14.651	105	3289107	8.938	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.661	83	1826705	8.944	ppbv	99
64) n-propylbenzene	15.545	120	852456	9.630	ppbv	96
65) tert-Butylbenzene	16.728	119	2896753	9.558	ppbv	100
66) Benzyl Chloride	16.973	91	168392	12.231	ppbv	95
67) sec-Butylbenzene	17.278	105	4049409	9.605	ppbv	100
69) p-Isopropyltoluene	17.635	119	3248858	10.069	ppbv	99
70) n-Butylbenzene	18.535	91	3283414	10.390	ppbv	100
71) 2-Chlorotoluene	15.436	91	2575257	9.449	ppbv	99
72) 4-Ethyltoluene	15.822	105	2890918	10.015	ppbv	100
73) 1,3,5-Trimethylbenzene	15.983	105	2544020	9.800	ppbv	100
74) 1,2,4-Trimethylbenzene	16.748	105	2652817	9.700	ppbv	98
75) 1,3-Dichlorobenzene	16.979	146	1476387	10.060	ppbv	99
76) 1,4-Dichlorobenzene	17.121	146	1434017	10.093	ppbv	98
77) 1,2-Dichlorobenzene	17.799	146	1376438	10.098	ppbv	99
78) Hexachloro-1,3-Butadiene	23.355	225	726738	7.669	ppbv	99
79) Naphthalene	22.175	128	1340158	10.481	ppbv #	97
80) Naphthalene,2-methyl-	24.960	142	307659	22.126	ppbv	92
81) 1,2,4-Trichlorobenzene	21.902	180	727015	9.667	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 89
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

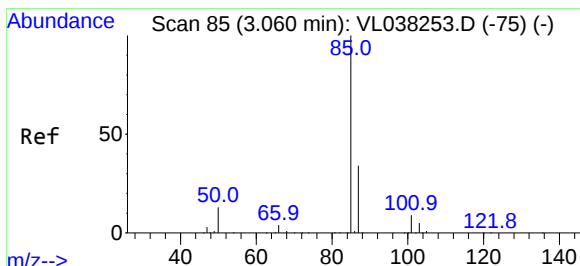
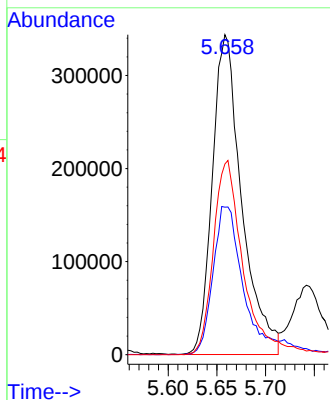
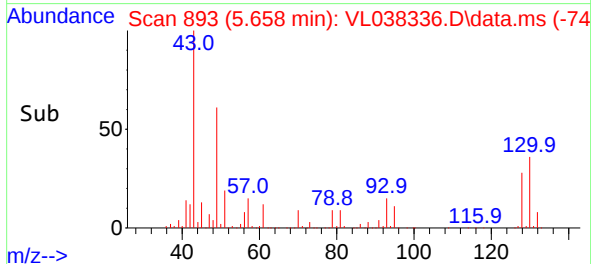
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



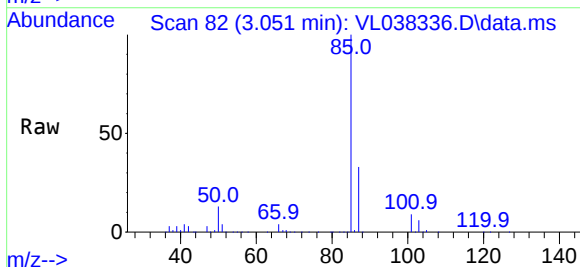
Tgt Ion: 49 Resp: 72080
Ion Ratio Lower Upper
49 100
128 51.4 24.5 73.5
130 63.4 30.1 90.5

Manual Integrations
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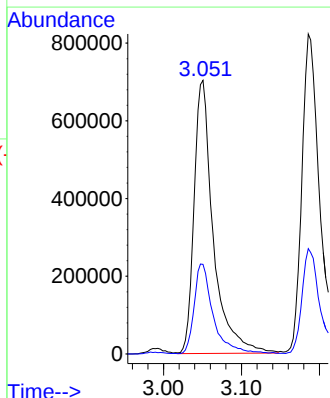
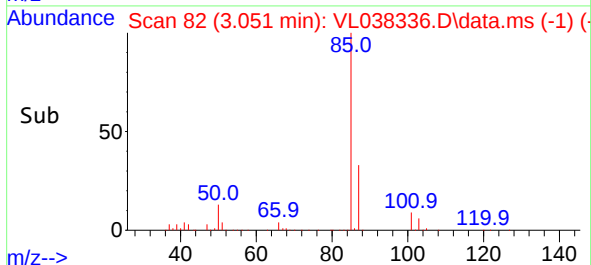
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

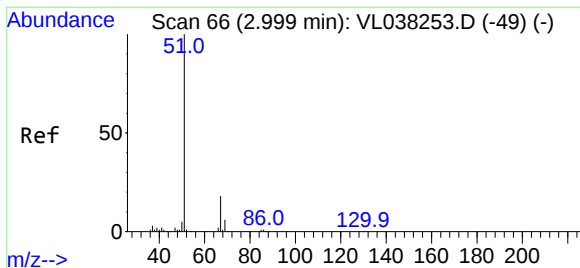


#2
Dichlorodifluoromethane
Concen: 7.829 ppbv
RT: 3.051 min Scan# 82
Delta R.T. -0.009 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



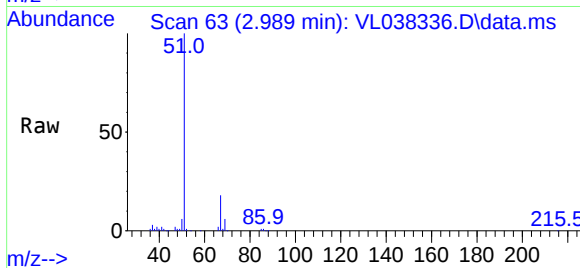
Tgt Ion: 85 Resp: 1201258
Ion Ratio Lower Upper
85 100
87 32.7 27.0 40.6





#3
Chlorodifluoromethane
Concen: 11.498 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

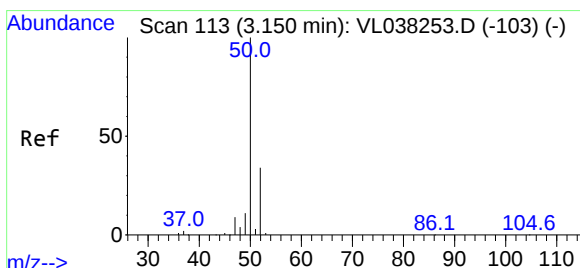
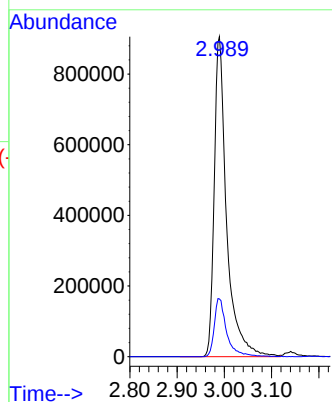
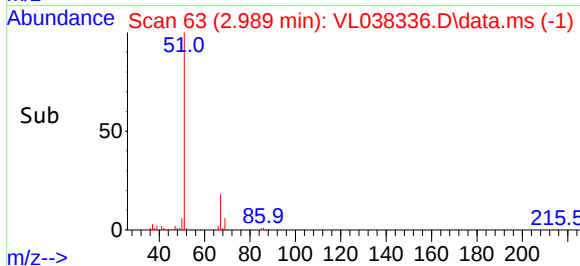
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1649950
Ion Ratio Lower Upper
51 100
67 18.3 14.4 21.6

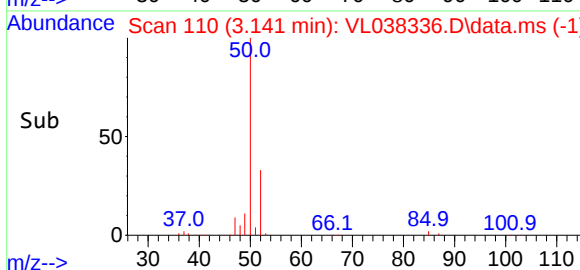
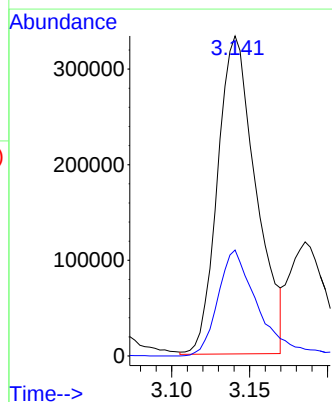
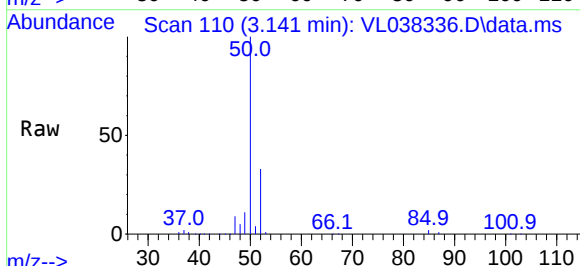
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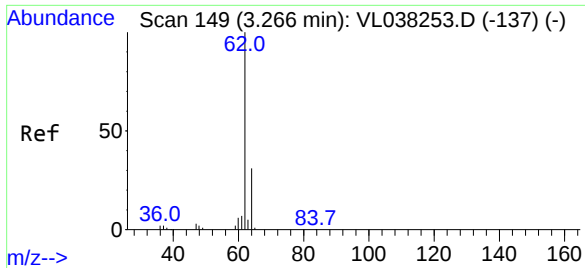
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#4
Chloromethane
Concen: 11.558 ppbv
RT: 3.141 min Scan# 110
Delta R.T. -0.010 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

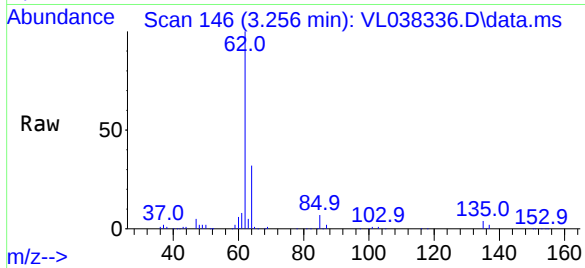
Tgt Ion: 50 Resp: 570560
Ion Ratio Lower Upper
50 100
52 33.5 27.1 40.7





#5
 Vinyl Chloride
 Concen: 11.665 ppbv
 RT: 3.256 min Scan# 149
 Delta R.T. -0.010 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28

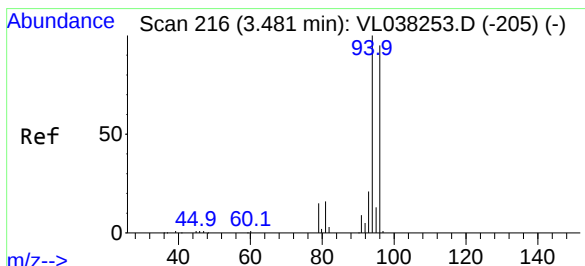
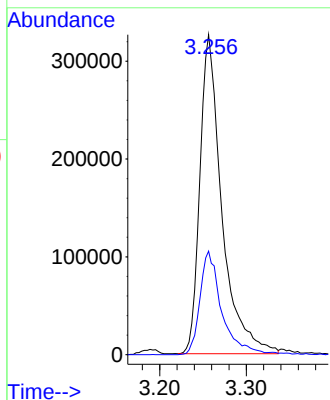
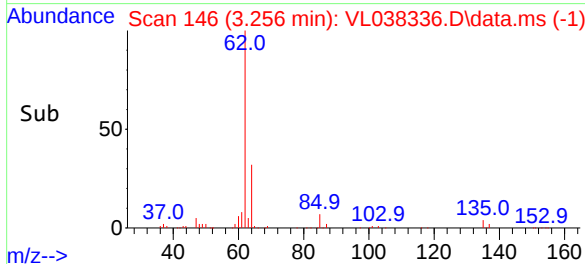
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 574740
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.4 36.6

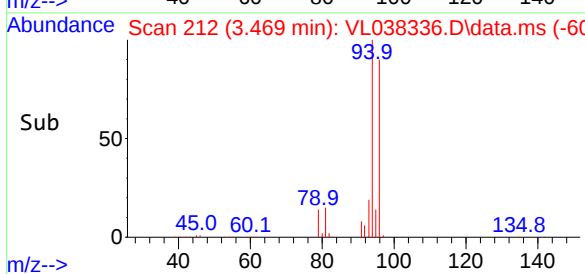
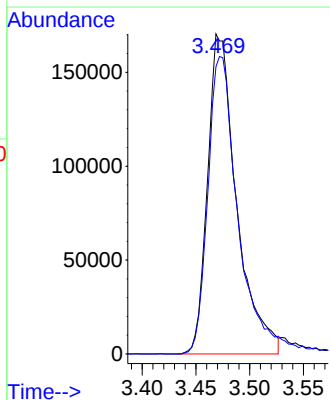
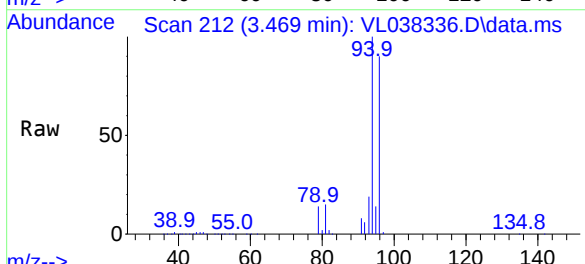
Manual Integrations
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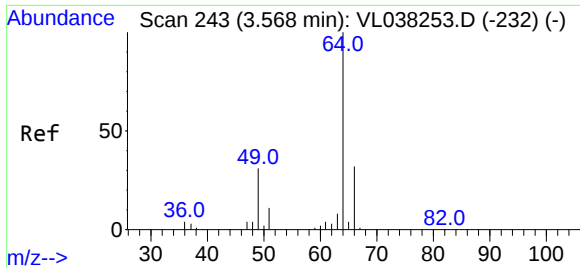
Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022



#6
 Bromomethane
 Concen: 12.026 ppbv
 RT: 3.469 min Scan# 212
 Delta R.T. -0.013 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28

Tgt Ion: 94 Resp: 320349
 Ion Ratio Lower Upper
 94 100
 96 89.7 76.0 114.0





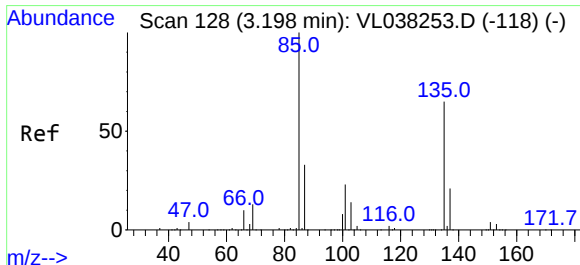
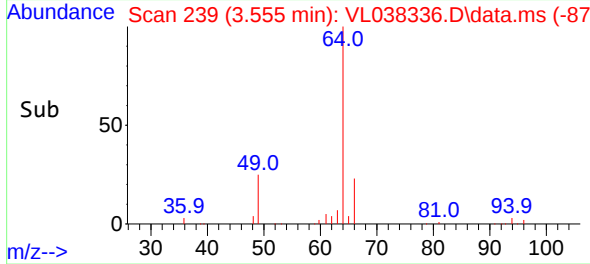
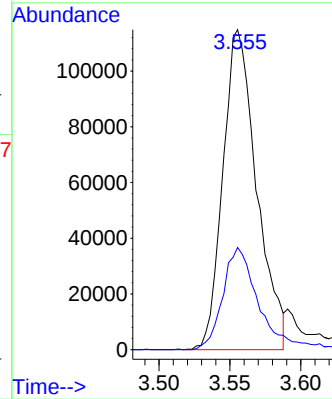
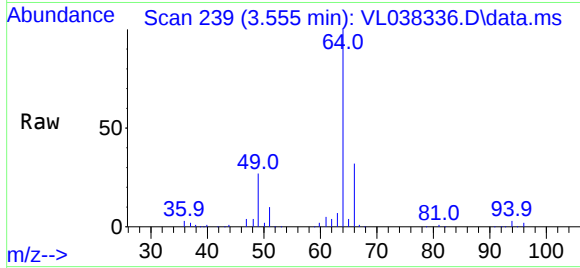
#7
Chloroethane
Concen: 11.438 ppbv
RT: 3.555 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 64 Resp: 190360
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.6

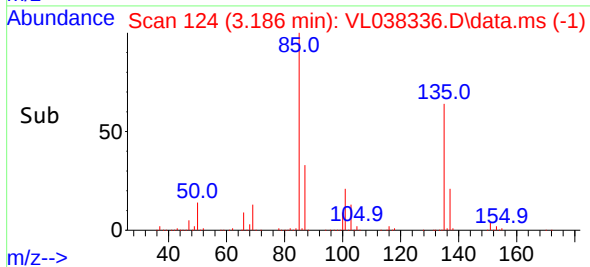
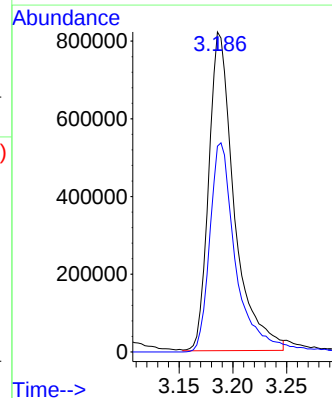
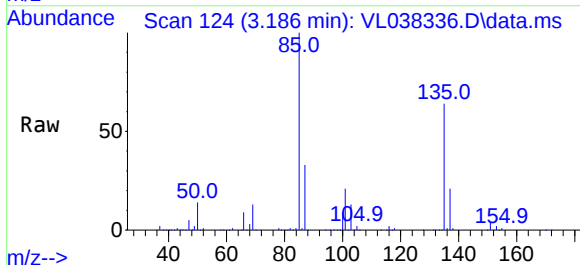
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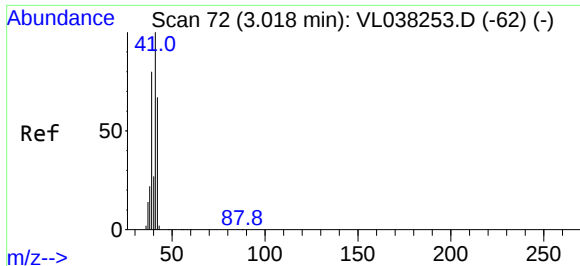
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#8
Dichlorotetrafluoroethane
Concen: 11.405 ppbv
RT: 3.186 min Scan# 124
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Tgt Ion: 85 Resp: 1354197
Ion Ratio Lower Upper
85 100
135 68.4 53.7 80.5





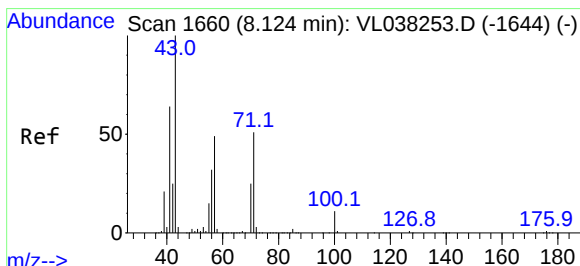
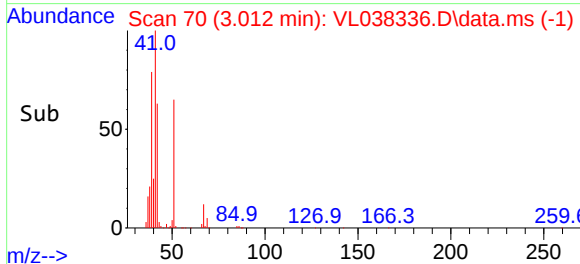
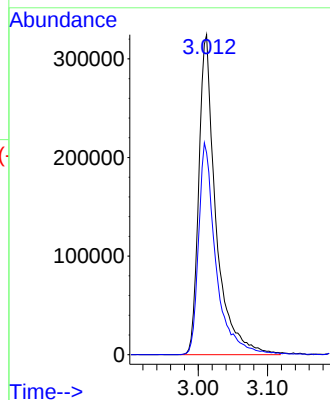
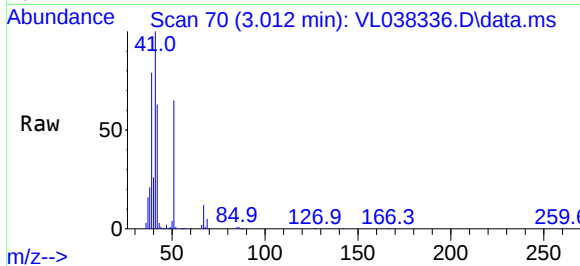
#9
Propene
Concen: 11.909 ppbv
RT: 3.012 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 55627
Ion Ratio Lower Upper
41 100
42 67.7 54.9 82.3

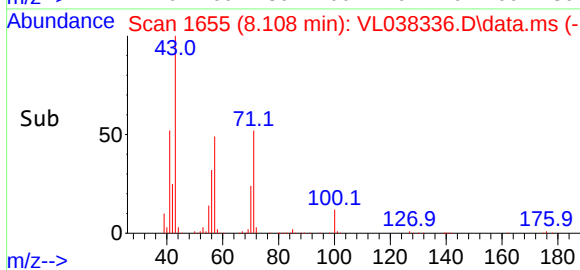
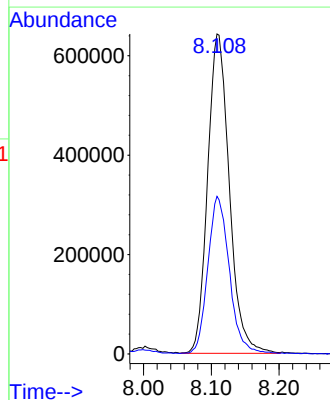
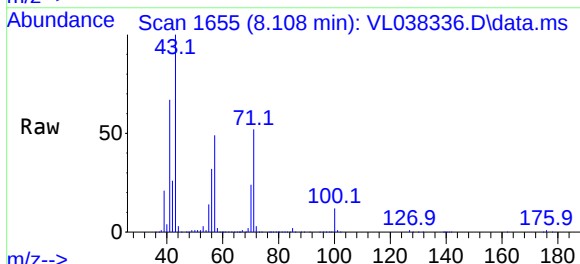
Manual Integrations
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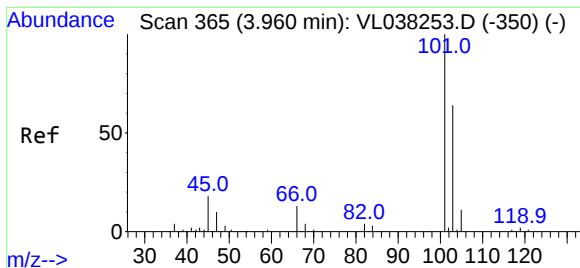
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#10
Heptane
Concen: 11.880 ppbv
RT: 8.108 min Scan# 1655
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

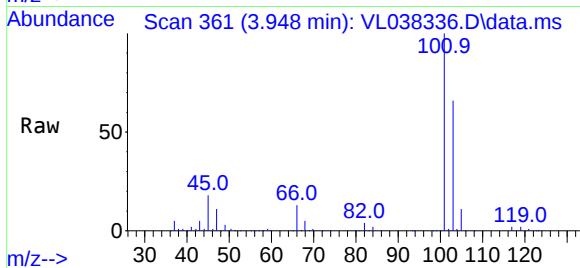
Tgt Ion: 43 Resp: 1427718
Ion Ratio Lower Upper
43 100
57 49.0 39.5 59.3





#11
Trichlorofluoromethane
Concen: 11.985 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

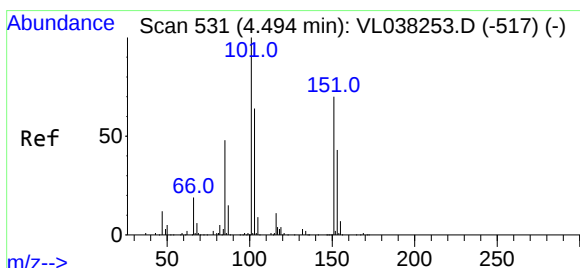
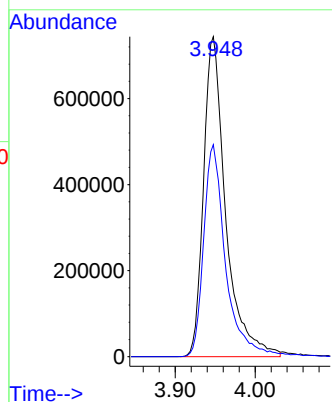
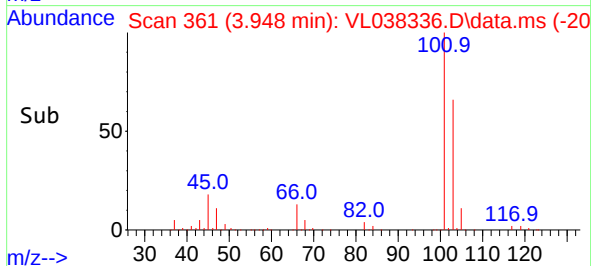
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 143269
Ion Ratio Lower Upper
101 100
103 66.2 51.2 76.8

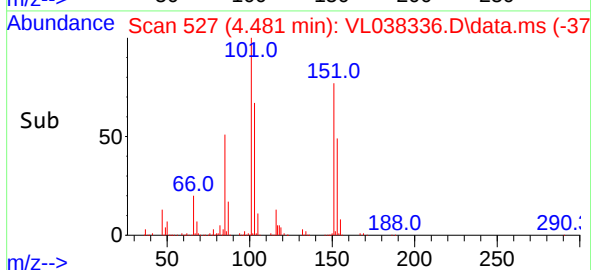
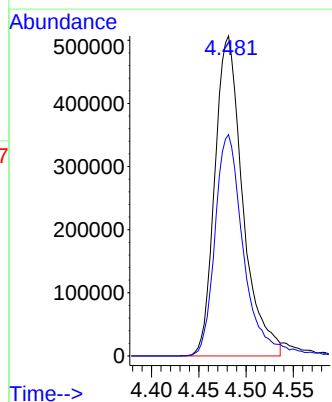
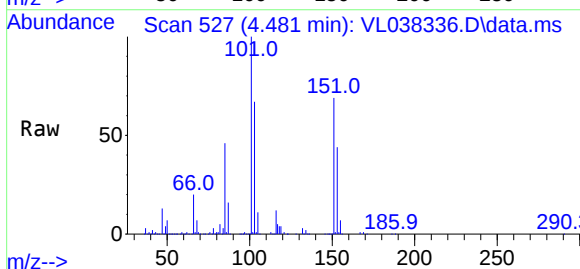
Manual Integrations
APPROVED

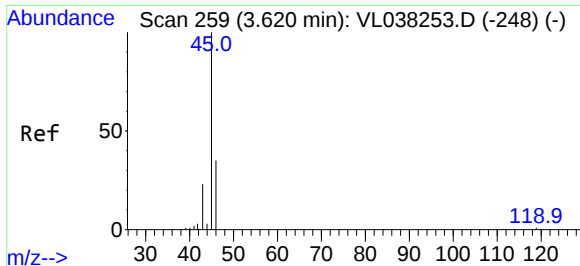
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.532 ppbv
RT: 4.481 min Scan# 527
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

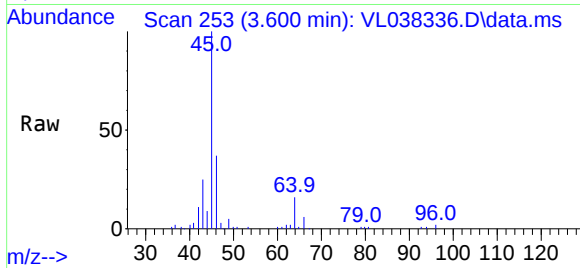
Tgt Ion:101 Resp: 1042001
Ion Ratio Lower Upper
101 100
151 71.9 55.3 82.9





#13
Ethanol
Concen: 20.359 ppbv m
RT: 3.600 min Scan# 210
Delta R.T. -0.019 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

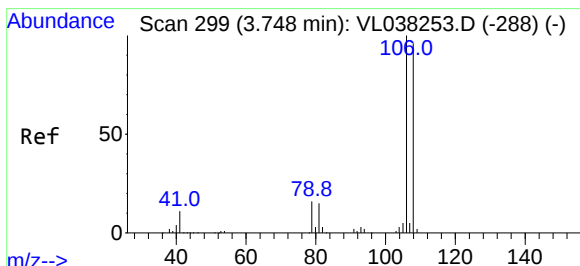
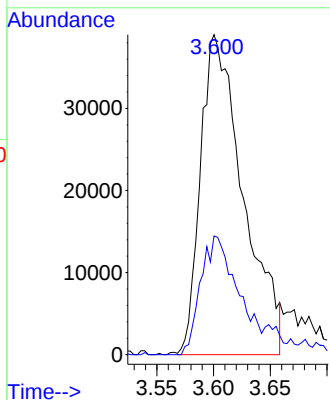
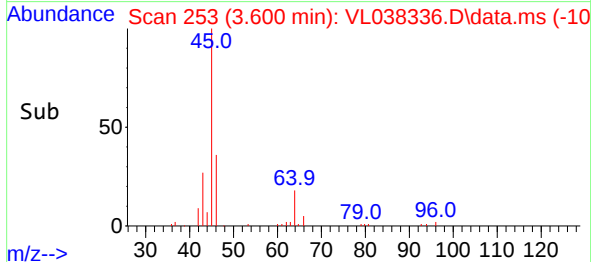
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



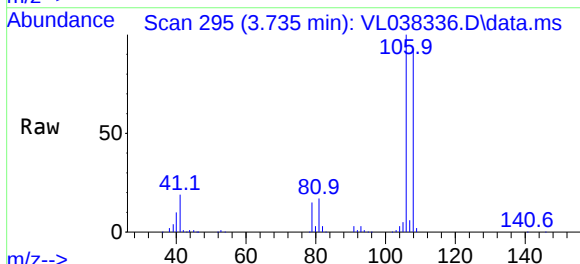
Tgt Ion: 45 Resp: 102094
Ion Ratio Lower Upper
45 100
46 36.4 15.4 61.6

Manual Integrations
APPROVED

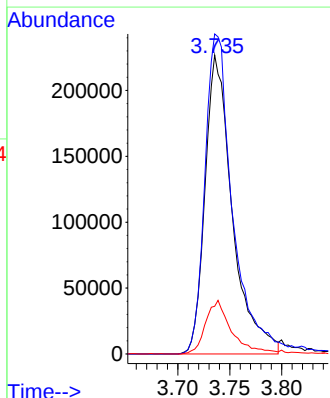
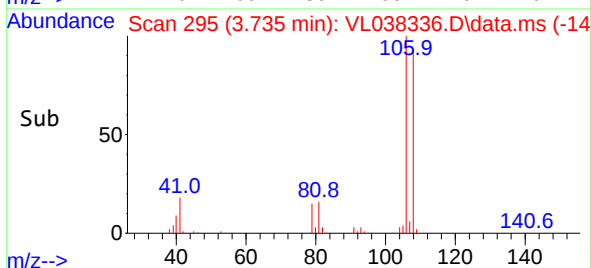
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

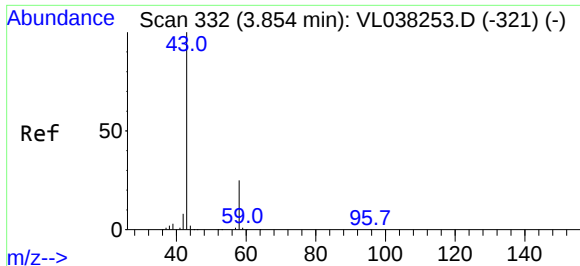


#14
Bromoethene
Concen: 11.798 ppbv
RT: 3.735 min Scan# 295
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



Tgt Ion:108 Resp: 416575
Ion Ratio Lower Upper
108 100
106 111.4 86.4 129.6
79 17.9 14.1 21.1





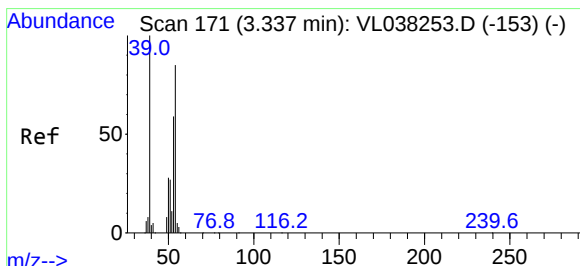
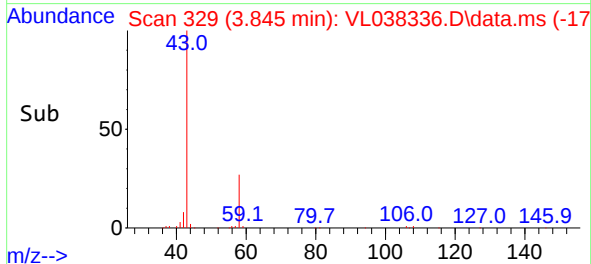
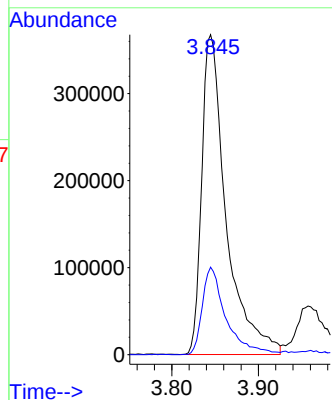
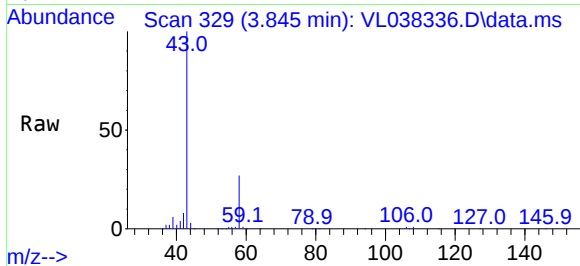
#15
Acetone
Concen: 11.334 ppbv
RT: 3.845 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 720198
Ion Ratio Lower Upper
43 100
58 26.8 21.5 32.3

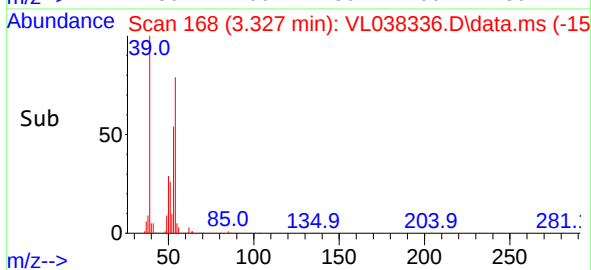
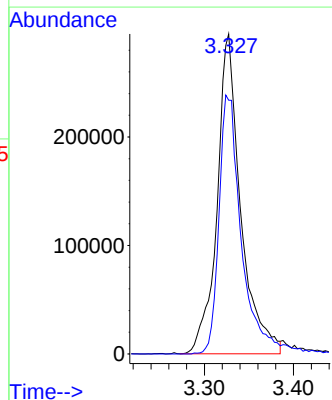
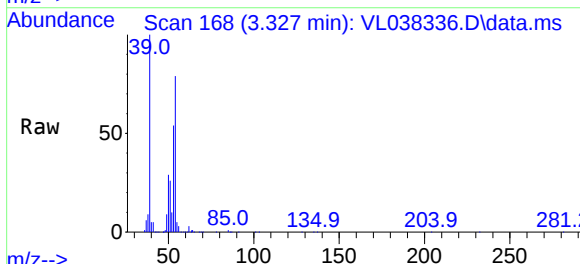
Manual Integrations
APPROVED

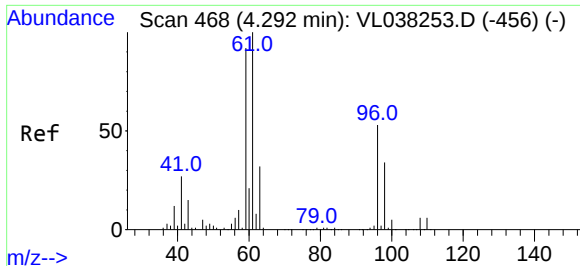
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#16
1,3-Butadiene
Concen: 11.916 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.009 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

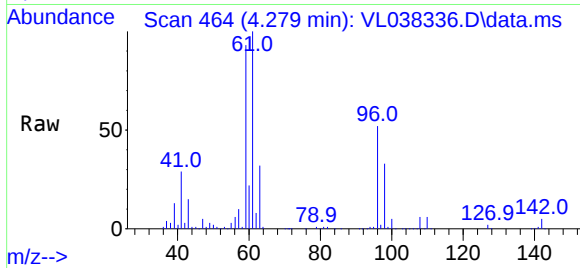
Tgt Ion: 39 Resp: 543320
Ion Ratio Lower Upper
39 100
54 78.5 62.6 94.0





#17
tert-Butyl alcohol
Concen: 12.555 ppbv
RT: 4.279 min Scan# 40
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

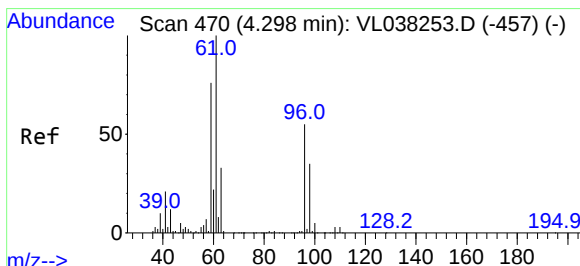
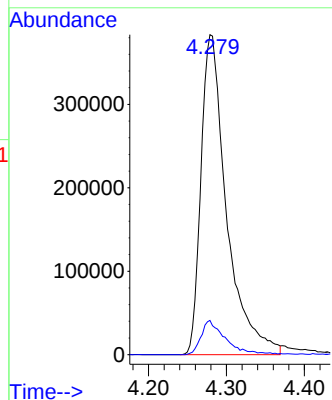
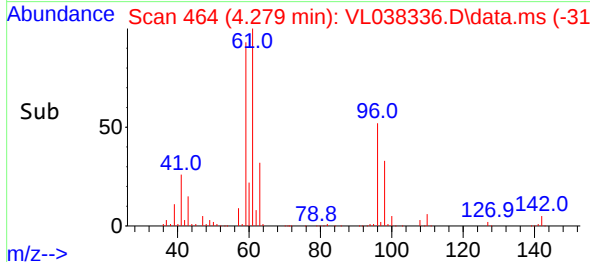
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



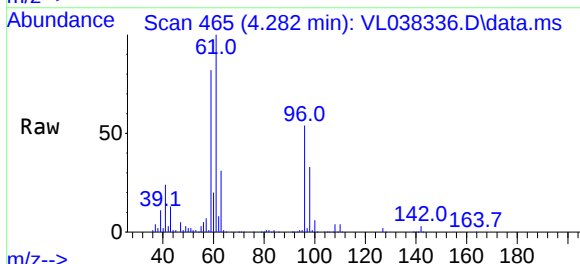
Tgt Ion: 59 Resp: 87556
Ion Ratio Lower Upper
59 100
57 10.7 9.2 13.8

Manual Integrations
APPROVED

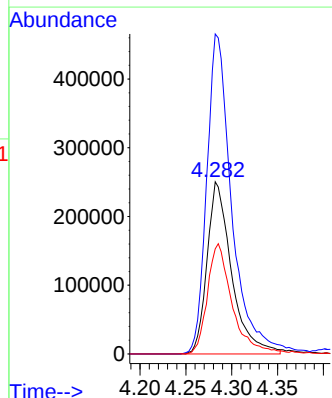
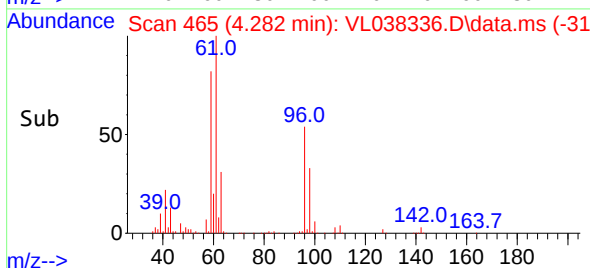
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

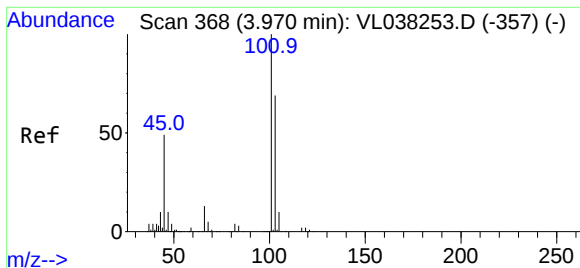


#18
1,1-Dichloroethene
Concen: 11.856 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



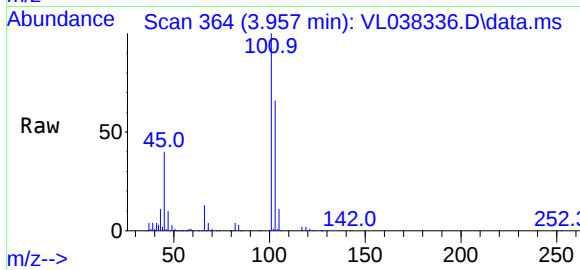
Tgt Ion: 96 Resp: 465849
Ion Ratio Lower Upper
96 100
61 185.9 146.5 219.7
98 61.0 51.9 77.9





#19
Isopropyl Alcohol
Concen: 11.829 ppbv
RT: 3.957 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

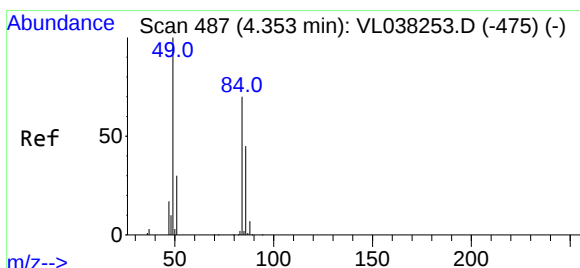
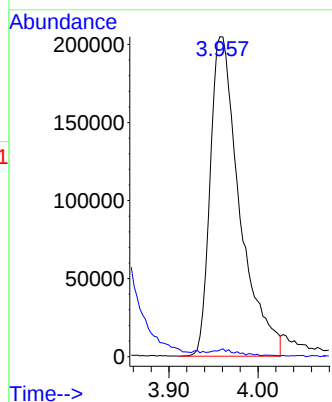
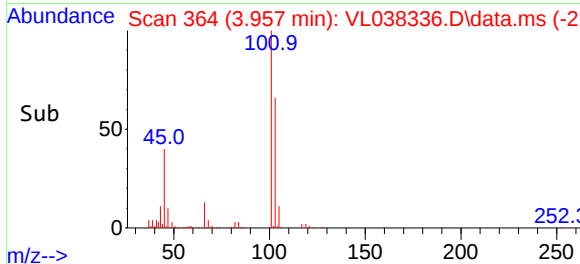
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



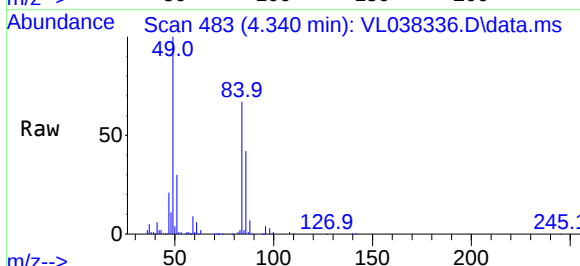
Tgt Ion: 45 Resp: 470180
Ion Ratio Lower Upper
45 100
58 2.3 2.3 3.5

Manual Integrations
APPROVED

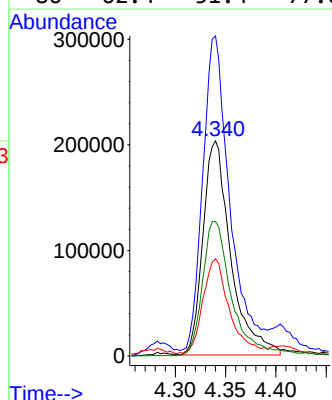
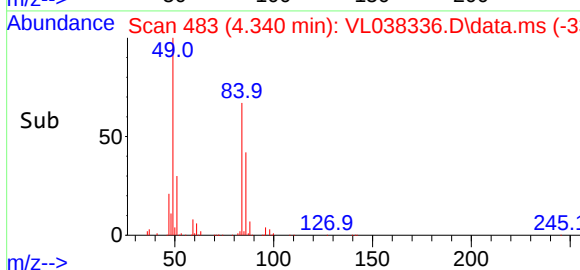
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

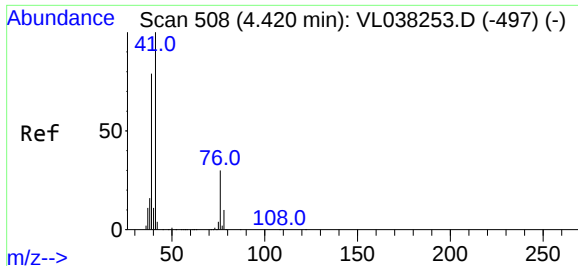


#20
Methylene Chloride
Concen: 10.576 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



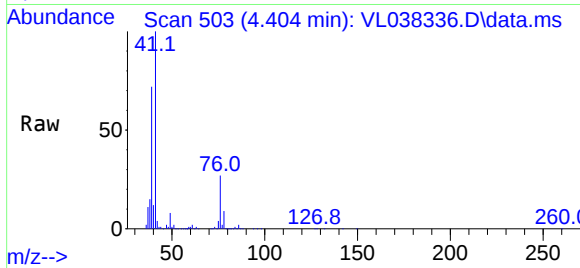
Tgt Ion: 84 Resp: 390854
Ion Ratio Lower Upper
84 100
49 146.9 115.0 172.6
51 43.8 35.0 52.6
86 62.4 51.4 77.0





#21
 Allyl Chloride
 Concen: 12.646 ppbv
 RT: 4.404 min Scan# 508
 Delta R.T. -0.016 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28

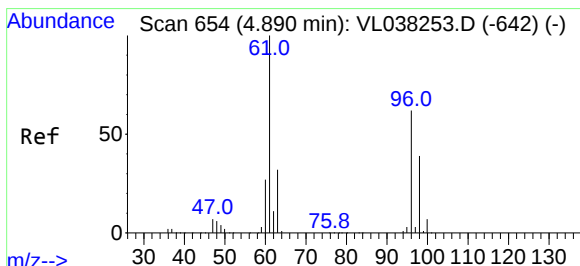
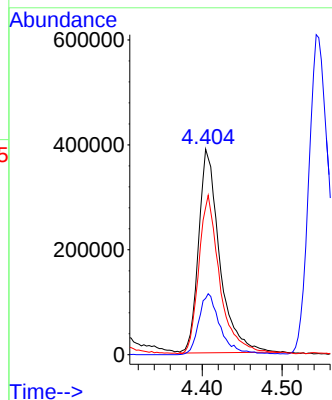
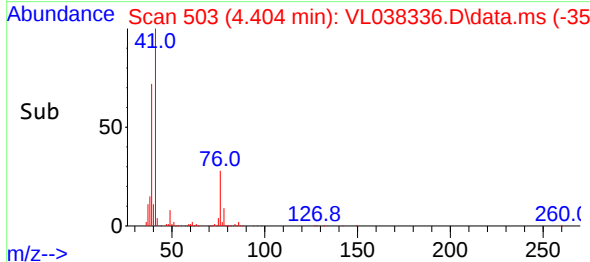
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



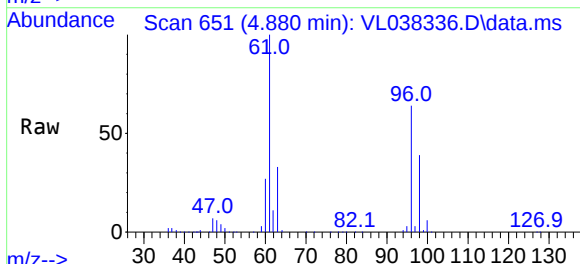
Tgt Ion: 41 Resp: 710970
 Ion Ratio Lower Upper
 41 100
 76 30.9 25.0 37.6
 39 78.8 63.0 94.6

Manual Integrations
 APPROVED

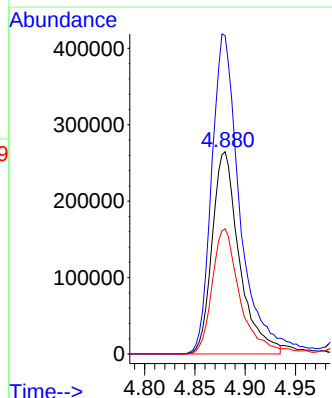
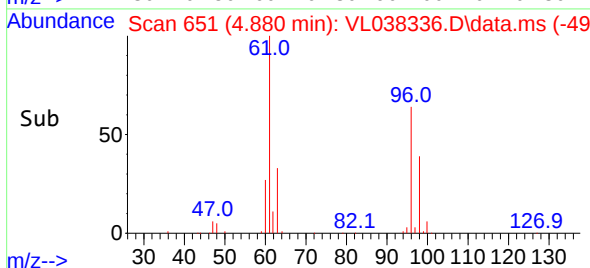
Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

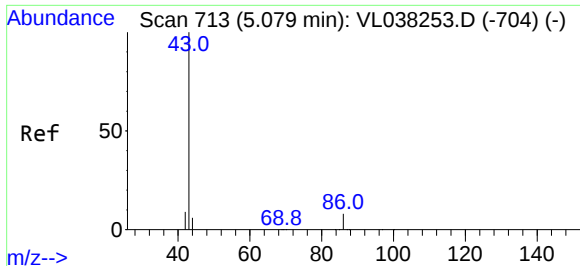


#22
 trans-1,2-Dichloroethene
 Concen: 12.282 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. -0.010 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28



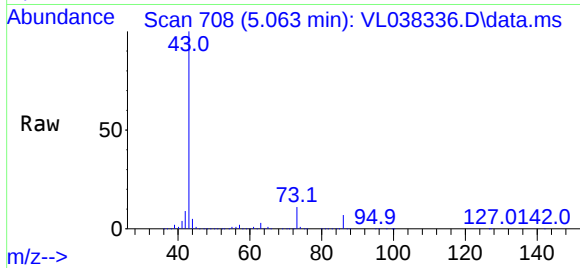
Tgt Ion: 96 Resp: 498677
 Ion Ratio Lower Upper
 96 100
 61 157.3 128.8 193.2
 98 61.9 49.8 74.8





#23
 Vinyl Acetate
 Concen: 12.400 ppbv
 RT: 5.063 min Scan# 708
 Delta R.T. -0.016 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

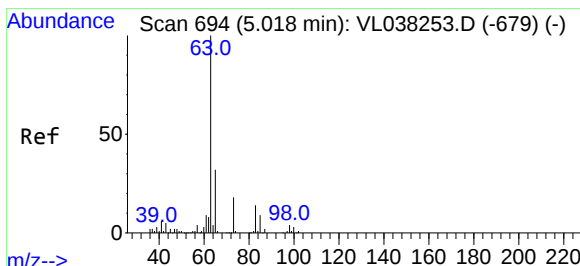
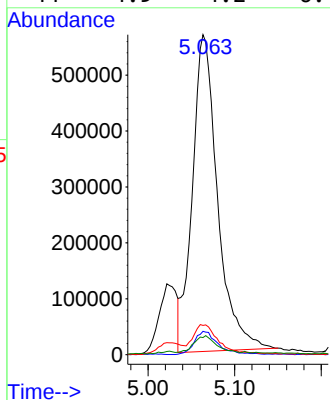
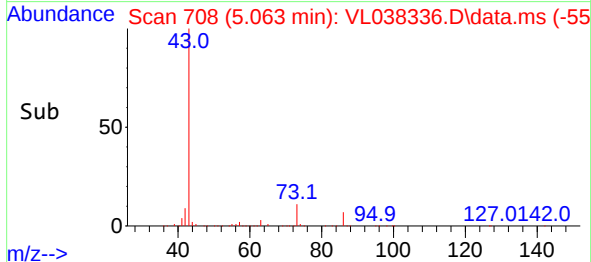


Tgt Ion: 43 Resp: 114558

Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.7	8.5
42	9.0	7.7	11.5
44	4.9	4.2	6.4

Manual Integrations
 APPROVED

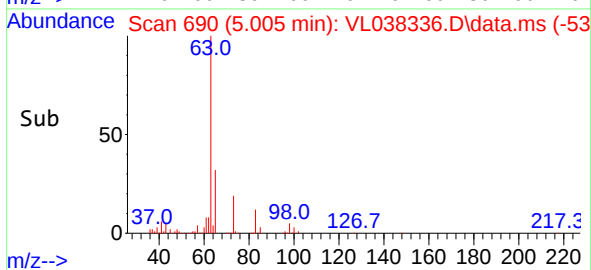
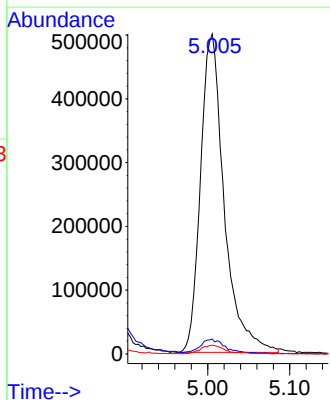
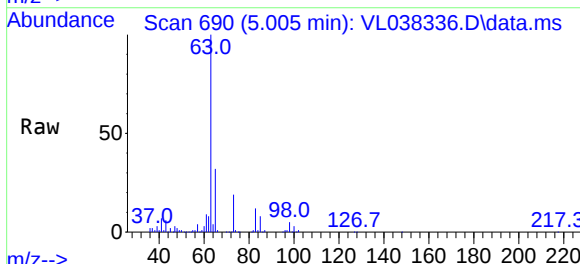
Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

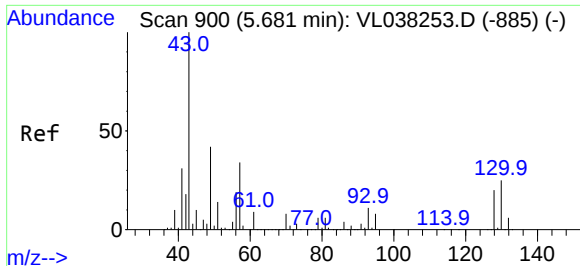


#24
 1,1-Dichloroethane
 Concen: 12.146 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. -0.013 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28

Tgt Ion: 63 Resp: 999661

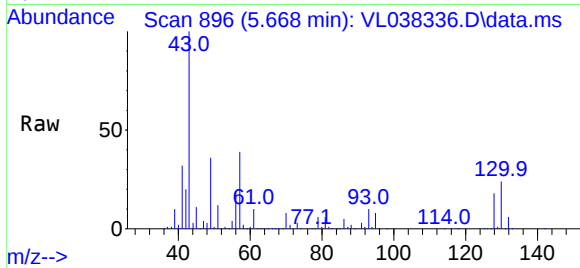
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.8
100	2.7	1.3	3.9





#25
Ethyl Acetate
Concen: 9.999 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

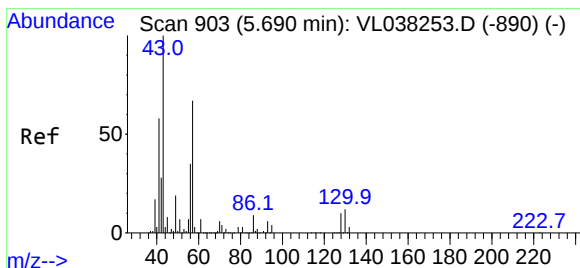
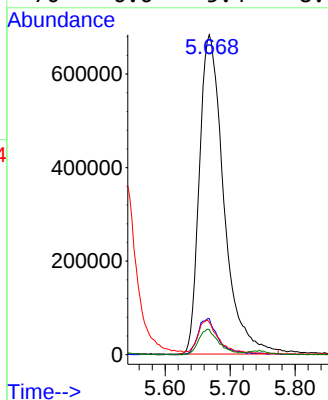
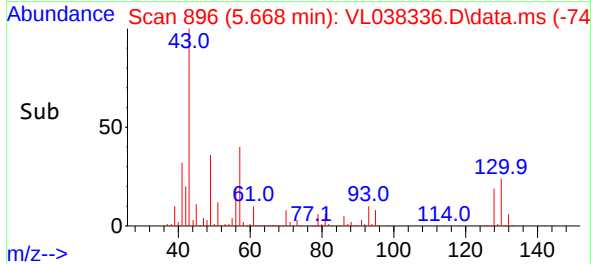


Tgt Ion: 43 Resp: 1778780

Ion	Ratio	Lower	Upper
43	100		
45	10.1	7.9	11.9
61	9.6	7.8	11.8
70	6.6	5.4	8.0

Manual Integrations
APPROVED

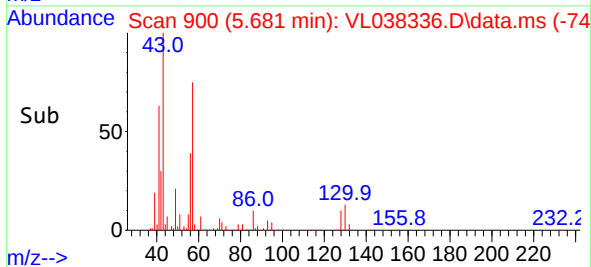
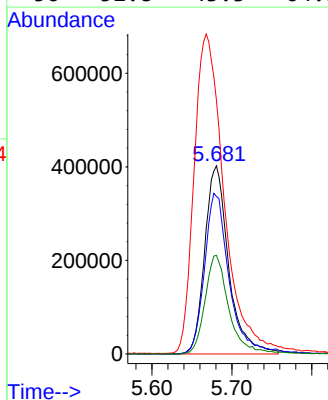
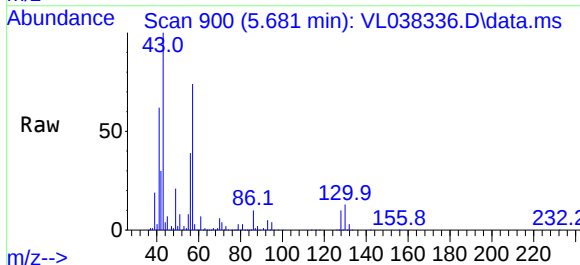
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

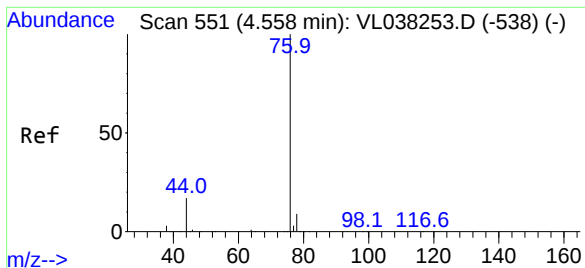


#26
Hexane
Concen: 10.121 ppbv
RT: 5.681 min Scan# 900
Delta R.T. -0.009 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Tgt Ion: 57 Resp: 837471

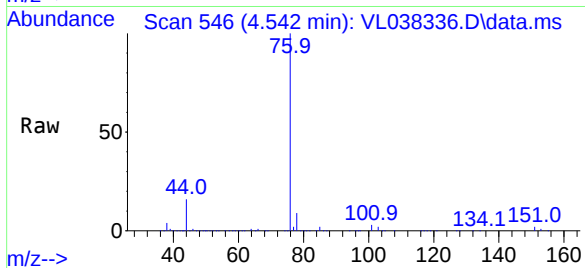
Ion	Ratio	Lower	Upper
57	100		
41	89.0	72.8	109.2
43	215.6	177.0	265.6
56	52.8	43.3	64.9





#27
Carbon Disulfide
Concen: 12.488 ppbv
RT: 4.542 min Scan# 54
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

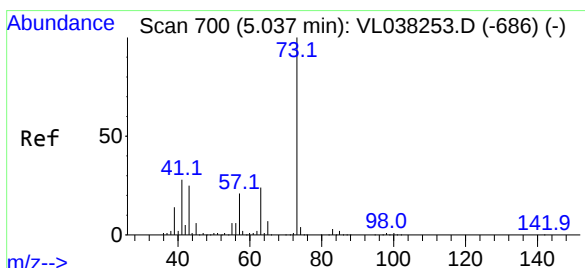
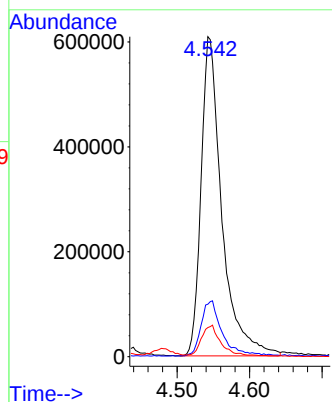
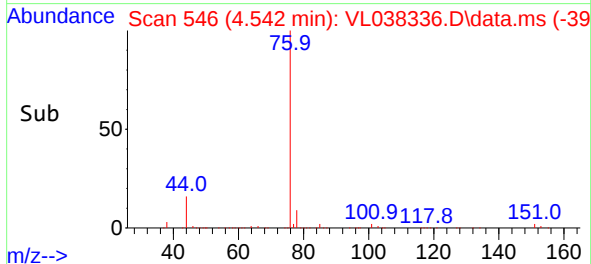
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



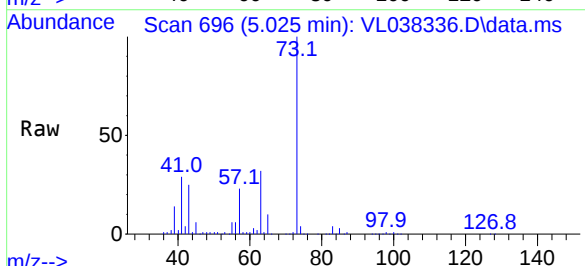
Tgt Ion: 76 Resp: 1208909
Ion Ratio Lower Upper
76 100
44 18.1 14.8 22.2
78 9.8 7.9 11.9

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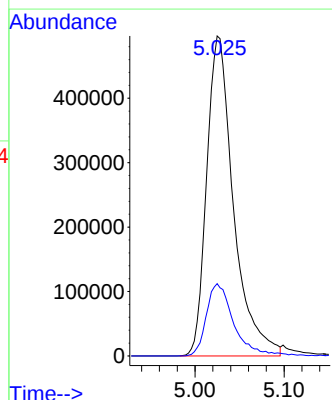
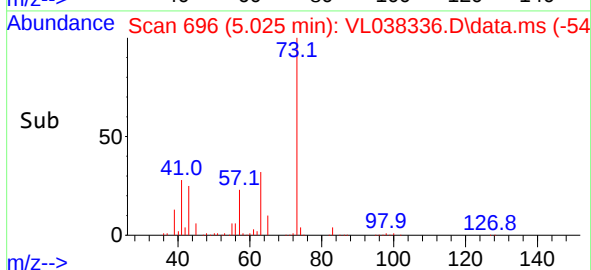
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

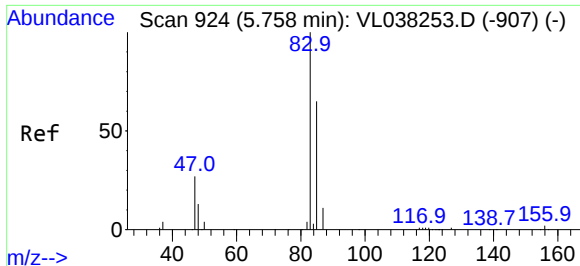


#28
Methyl tert-Butyl Ether
Concen: 12.106 ppbv
RT: 5.025 min Scan# 696
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



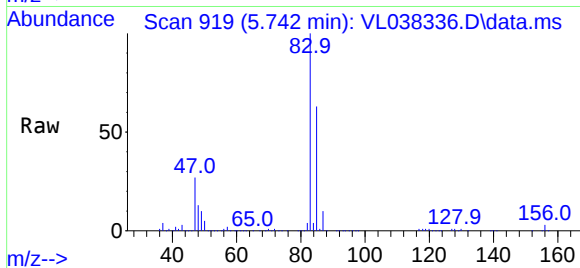
Tgt Ion: 73 Resp: 1039181
Ion Ratio Lower Upper
73 100
57 23.4 18.2 27.4





#29
Chloroform
Concen: 11.471 ppbv
RT: 5.742 min Scan# 919
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

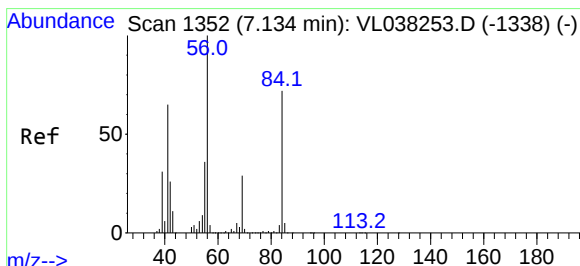
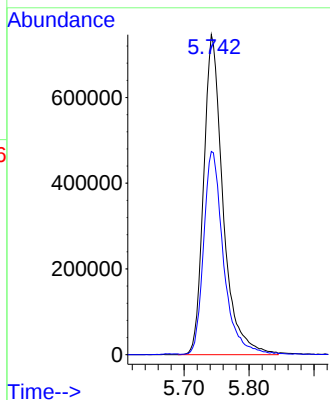
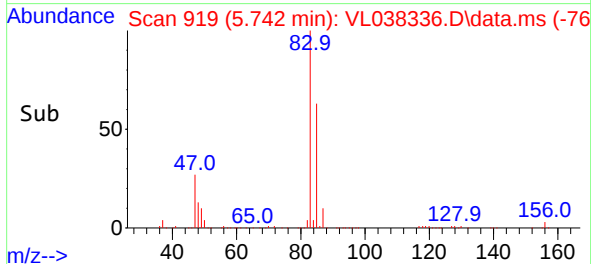
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



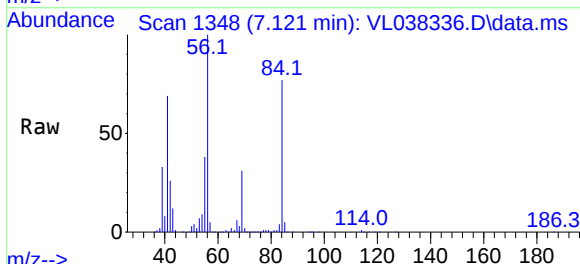
Tgt Ion: 83 Resp: 1549400
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9

Manual Integrations
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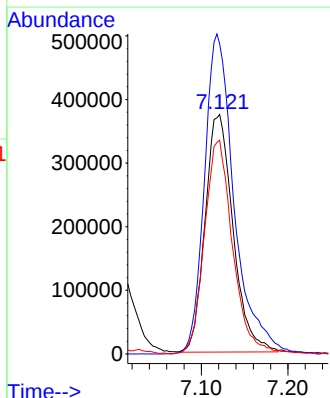
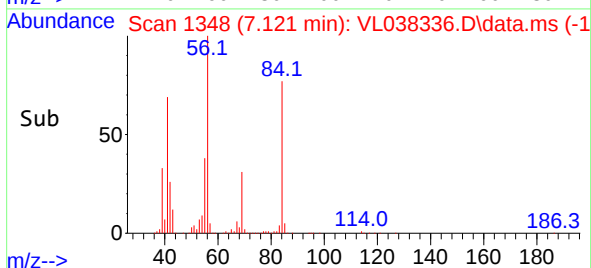
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

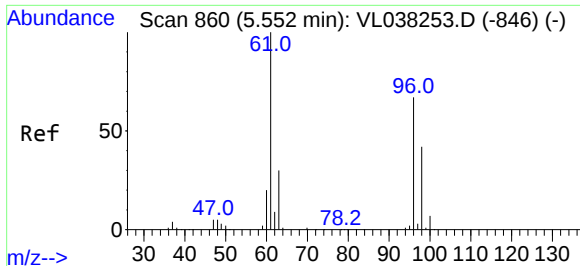


#30
Cyclohexane
Concen: 11.668 ppbv
RT: 7.121 min Scan# 1348
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



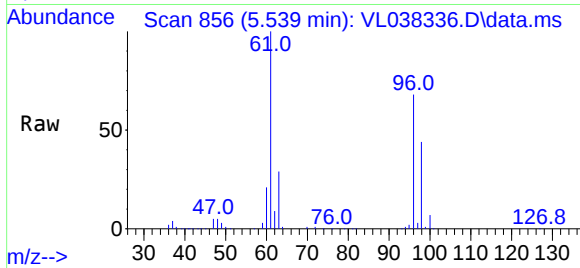
Tgt Ion: 84 Resp: 840649
Ion Ratio Lower Upper
84 100
56 144.0 112.7 169.1
41 90.7 71.1 106.7





#31
 cis-1,2-Dichloroethene
 Concen: 10.374 ppbv
 RT: 5.539 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28

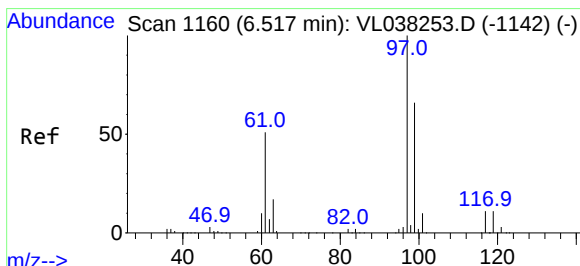
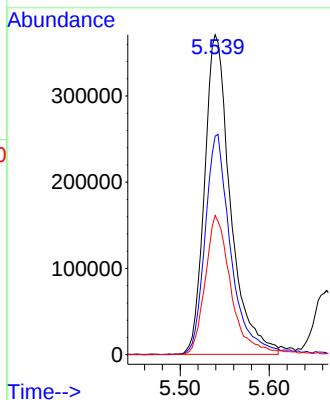
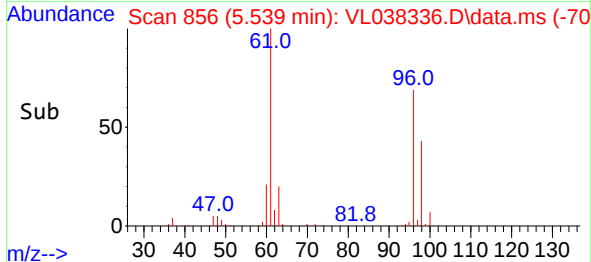
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 748834
 Ion Ratio Lower Upper
 61 100
 96 68.2 53.3 79.9
 98 43.5 33.7 50.5

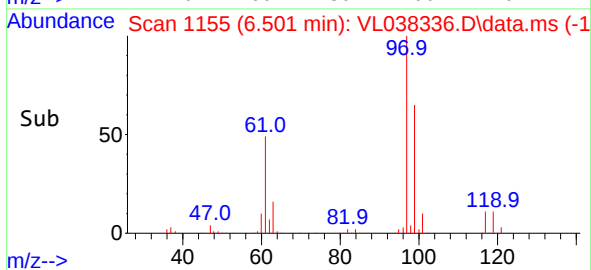
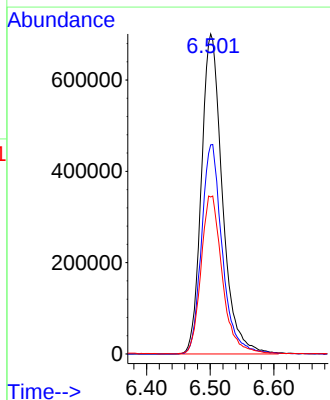
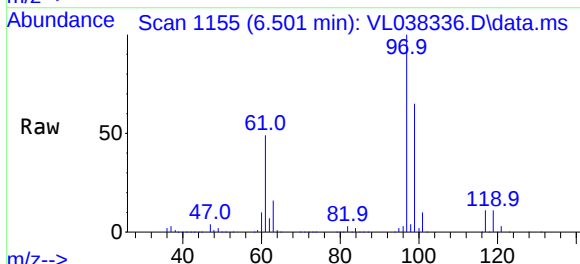
Manual Integrations
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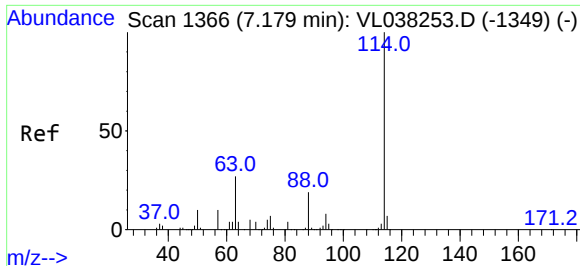
Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022



#32
 1,1,1-Trichloroethane
 Concen: 11.895 ppbv
 RT: 6.501 min Scan# 1155
 Delta R.T. -0.016 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28

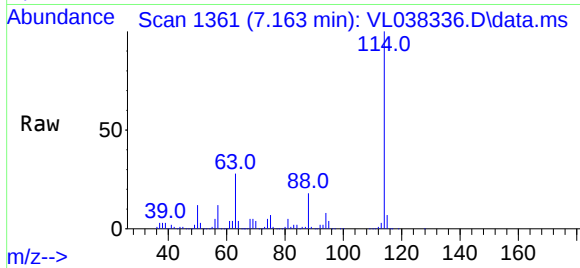
Tgt Ion: 97 Resp: 1604754
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.5 77.3
 61 50.2 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

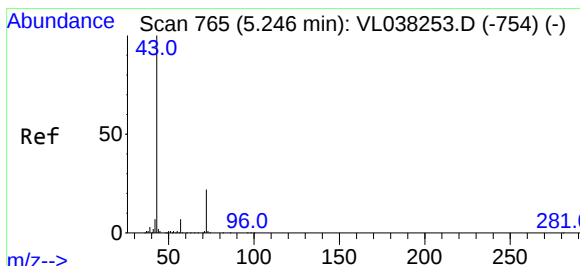
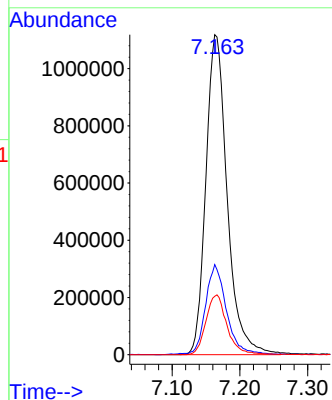
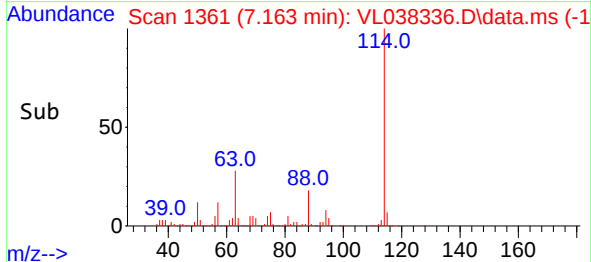
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



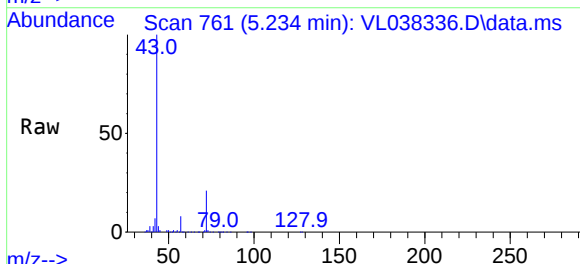
Tgt Ion:114 Resp: 244372
Ion Ratio Lower Upper
114 100
63 27.8 22.0 33.0
88 18.6 15.0 22.6

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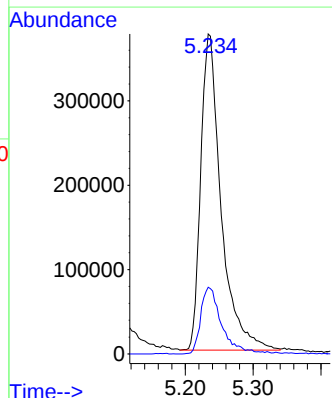
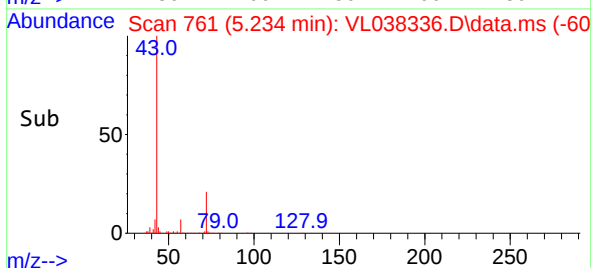
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

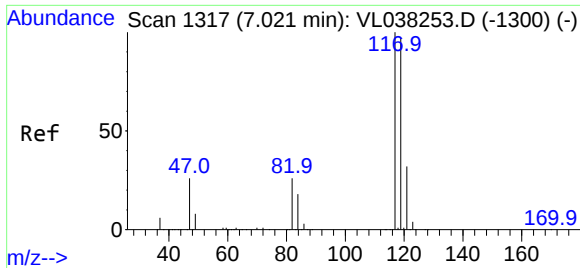


#34
2-Butanone
Concen: 9.779 ppbv
RT: 5.234 min Scan# 761
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



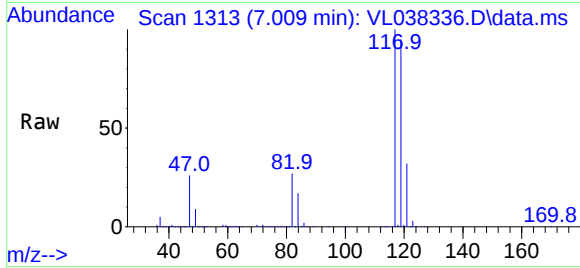
Tgt Ion: 43 Resp: 781457
Ion Ratio Lower Upper
43 100
72 22.3 18.1 27.1





#35
Carbon Tetrachloride
Concen: 9.791 ppbv
RT: 7.009 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

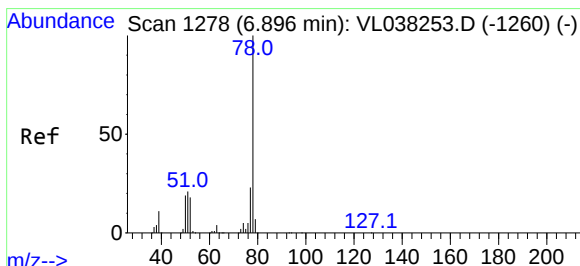
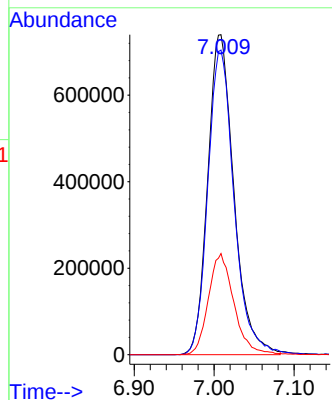
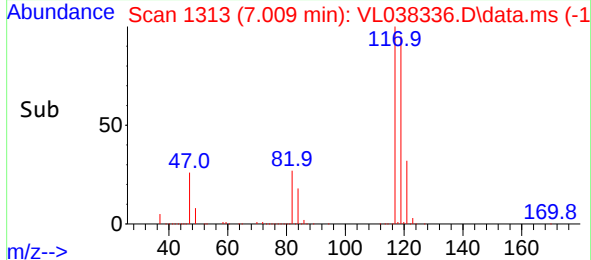
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



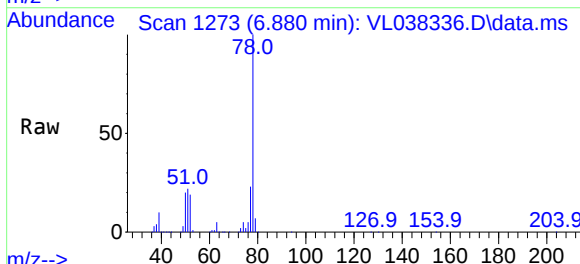
Tgt Ion:117 Resp: 1679574
Ion Ratio Lower Upper
117 100
119 95.2 77.9 116.9
121 31.6 25.4 38.2

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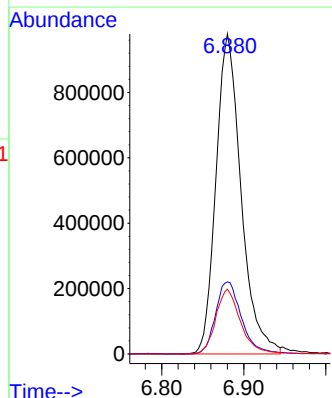
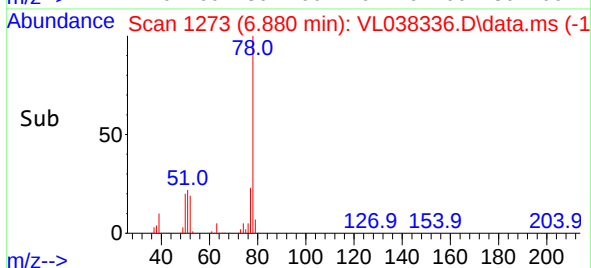
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

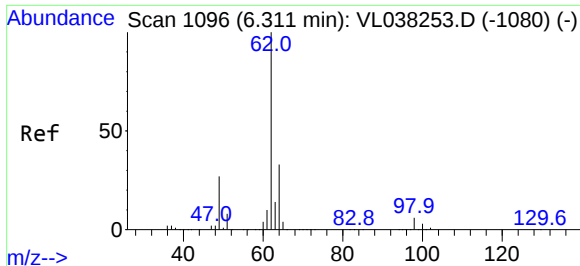


#36
Benzene
Concen: 9.629 ppbv
RT: 6.880 min Scan# 1273
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



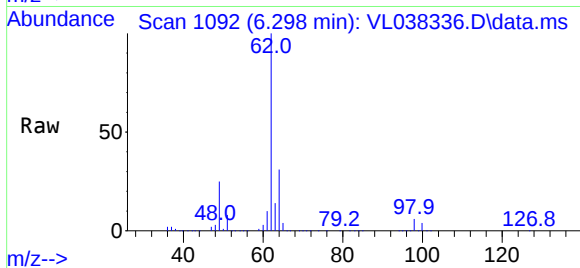
Tgt Ion: 78 Resp: 2081282
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.2
50 20.2 15.1 22.7





#37
1,2-Dichloroethane
Concen: 10.073 ppbv
RT: 6.298 min Scan# 1092
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

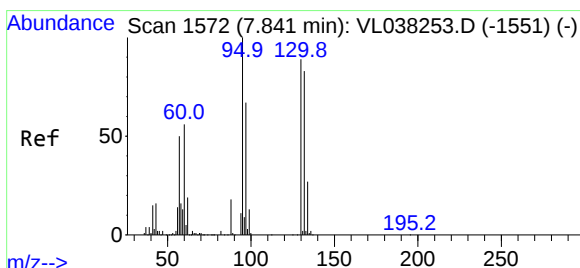
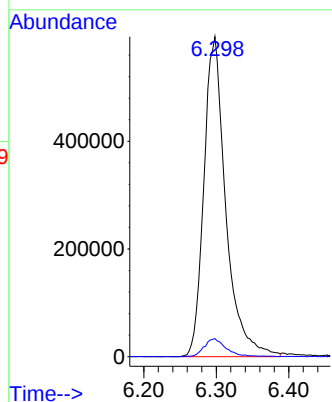
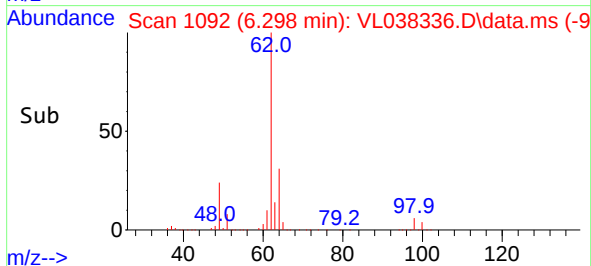
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 124712
Ion Ratio Lower Upper
62 100
98 5.8 4.5 6.7

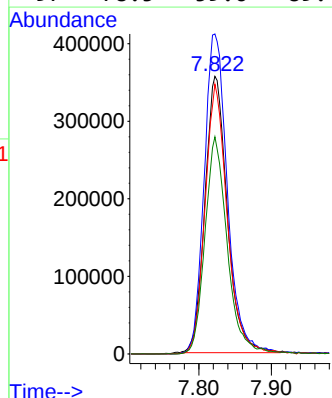
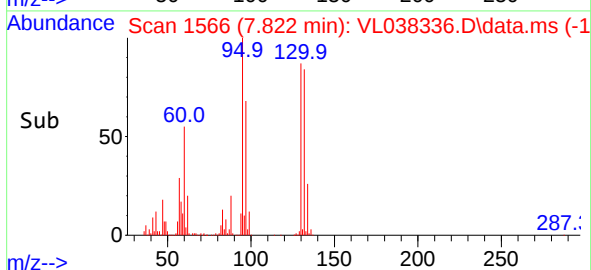
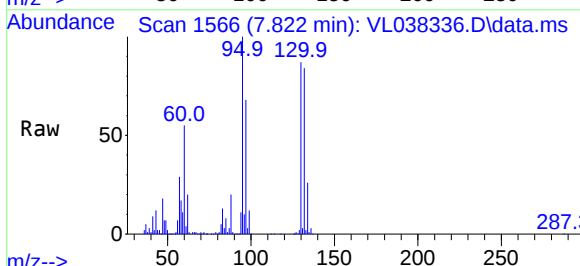
Manual Integrations
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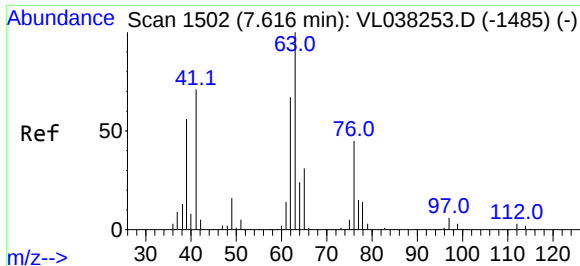
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#38
Trichloroethene
Concen: 9.499 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.019 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

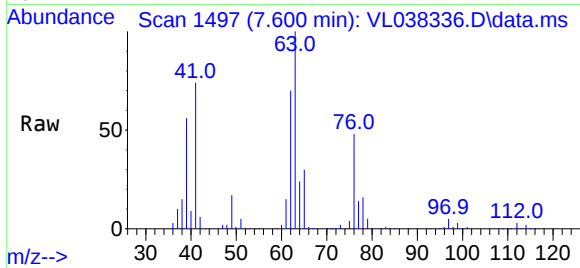
Tgt Ion:130 Resp: 764840
Ion Ratio Lower Upper
130 100
95 115.7 89.4 134.2
132 97.5 74.6 111.8
97 78.5 59.6 89.4





#39
1,2-Dichloropropane
Concen: 9.697 ppbv
RT: 7.600 min Scan# 14
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

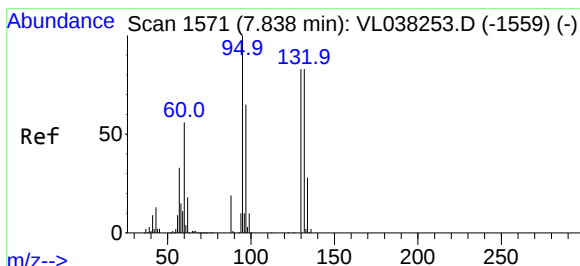
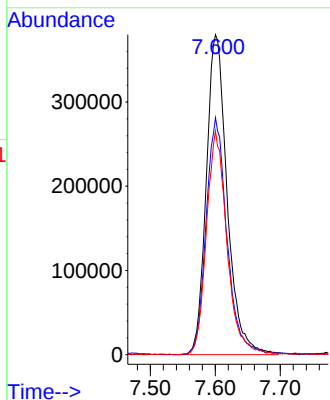
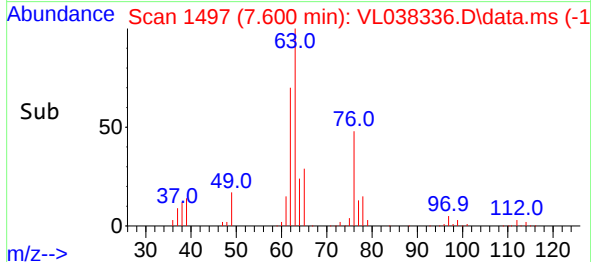
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 849820
Ion Ratio Lower Upper
63 100
41 74.0 56.6 85.0
62 69.8 53.9 80.9

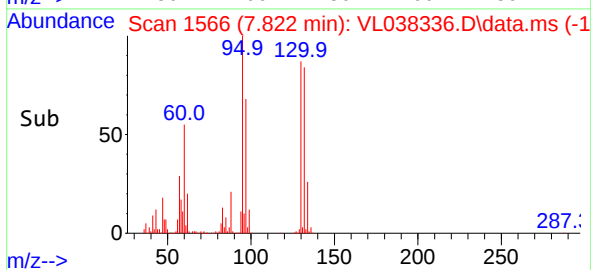
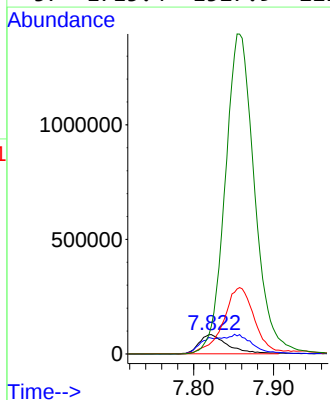
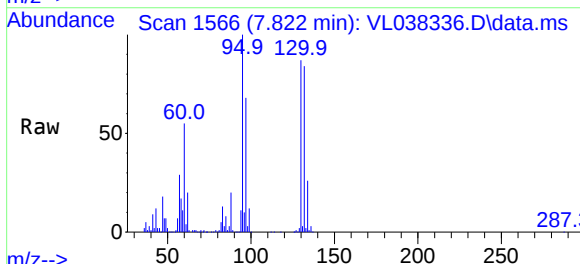
Manual Integrations
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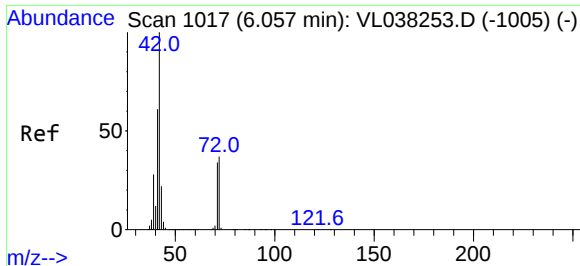
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#40
1,4-Dioxane
Concen: 9.897 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

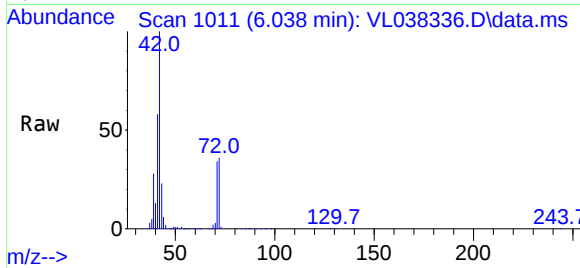
Tgt Ion: 88 Resp: 208765
Ion Ratio Lower Upper
88 100
58 161.1 138.6 208.0
43 386.9 346.9 520.3
57 1715.4 1527.9 2291.9





#41
Tetrahydrofuran
Concen: 9.895 ppbv
RT: 6.038 min Scan# 1017
Delta R.T. -0.019 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

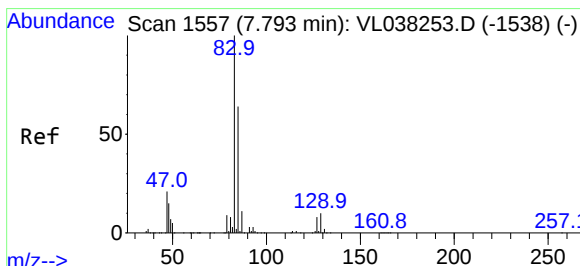
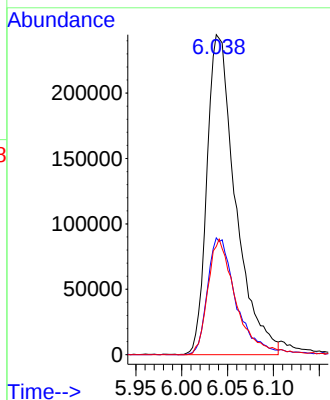
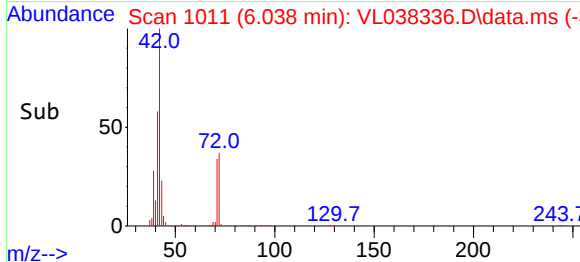
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



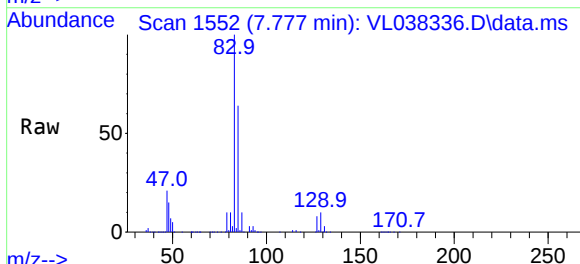
Tgt Ion: 42 Resp: 531594
Ion Ratio Lower Upper
42 100
72 37.5 29.7 44.5
71 36.0 29.4 44.2

Manual Integrations
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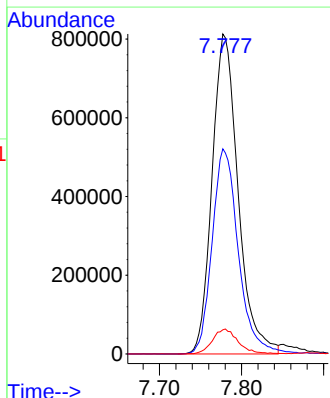
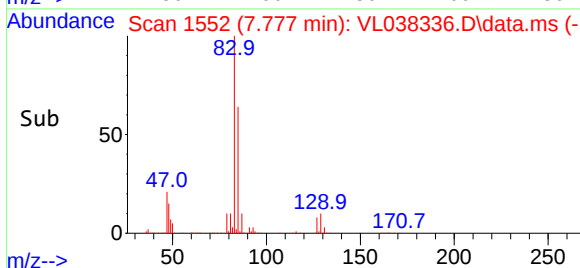
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

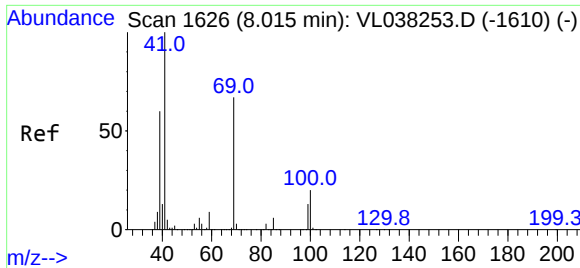


#42
Bromodichloromethane
Concen: 9.758 ppbv
RT: 7.777 min Scan# 1552
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



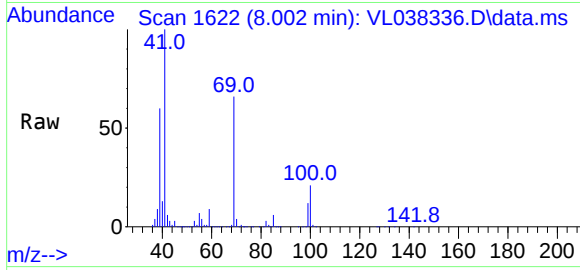
Tgt Ion: 83 Resp: 1792433
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3
127 7.6 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.476 ppbv
RT: 8.002 min Scan# 1
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

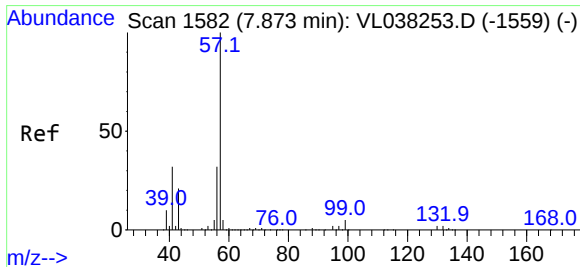
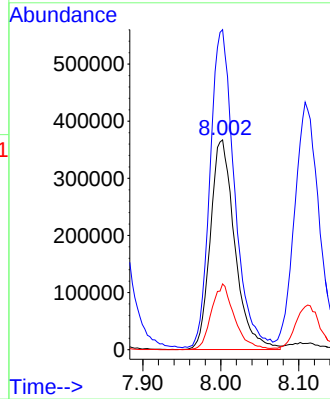
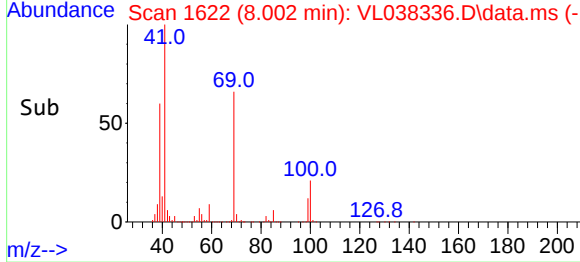
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



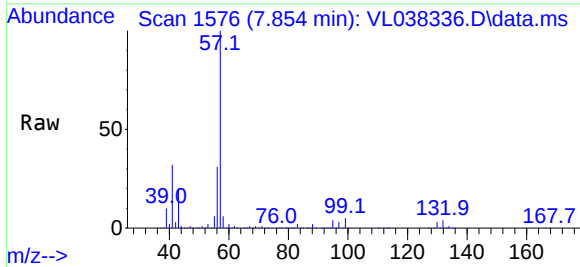
Tgt Ion: 69 Resp: 80099
Ion Ratio Lower Upper
69 100
41 153.1 120.9 181.3
100 29.7 23.4 35.0

Manual Integrations
APPROVED

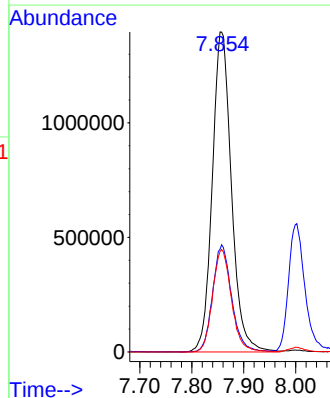
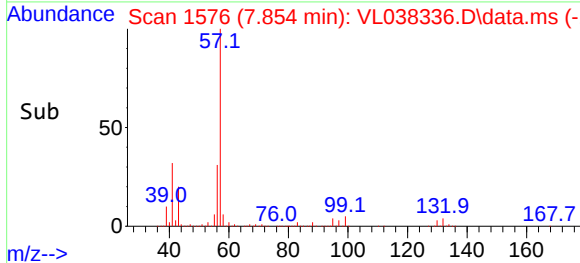
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

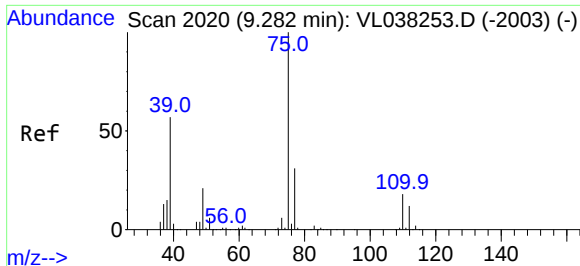


#44
2,2,4-Trimethylpentane
Concen: 9.403 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. -0.019 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



Tgt Ion: 57 Resp: 3581764
Ion Ratio Lower Upper
57 100
41 33.1 26.3 39.5
56 31.5 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 11.634 ppbv
RT: 9.266 min Scan# 2020
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

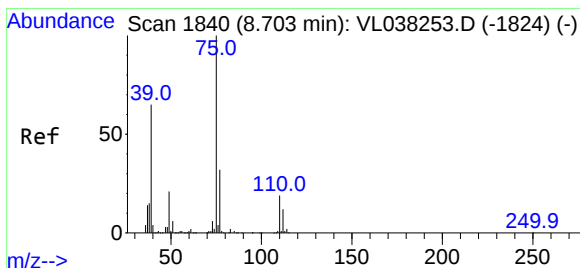
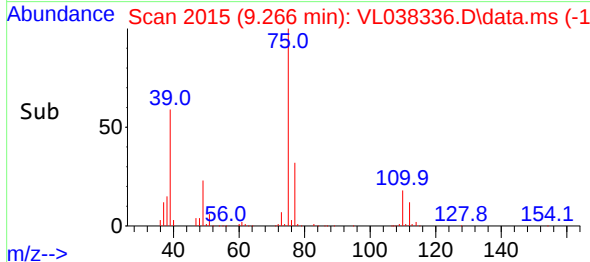
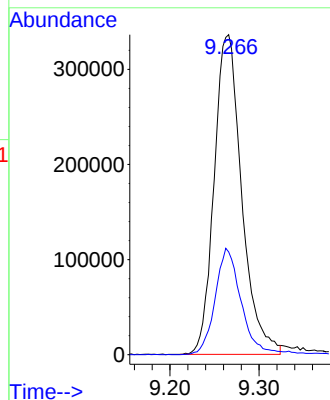
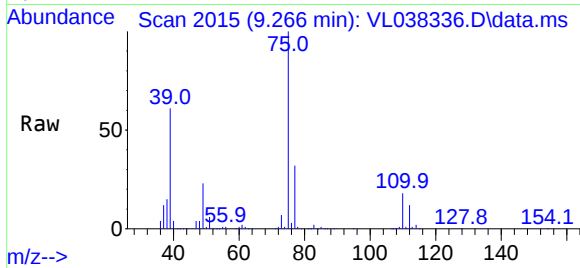
VSTDCCC010

Tgt Ion: 75 Resp: 722719
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3

Manual Integrations

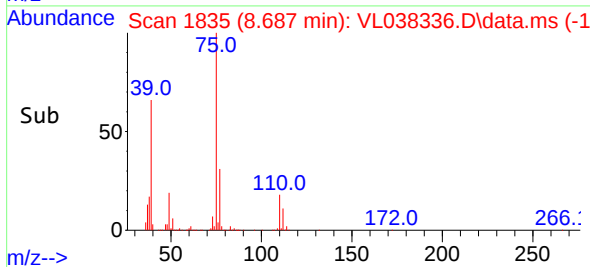
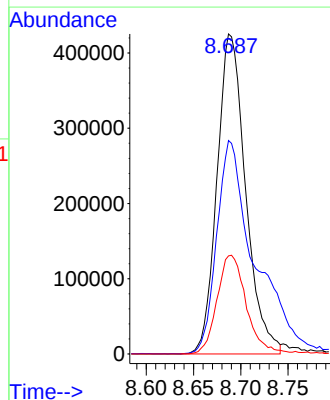
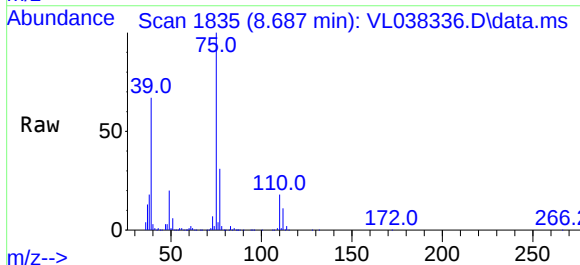
APPROVED

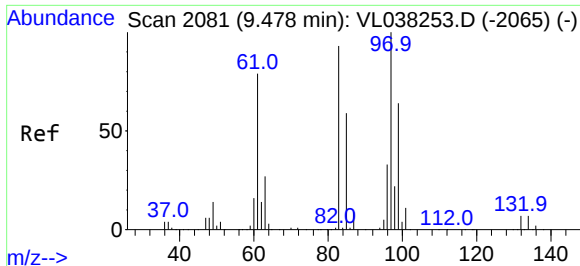
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#46
cis-1,3-Dichloropropene
Concen: 10.792 ppbv
RT: 8.687 min Scan# 1835
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Tgt Ion: 75 Resp: 894499
Ion Ratio Lower Upper
75 100
39 66.6 52.3 78.5
77 30.6 25.4 38.0





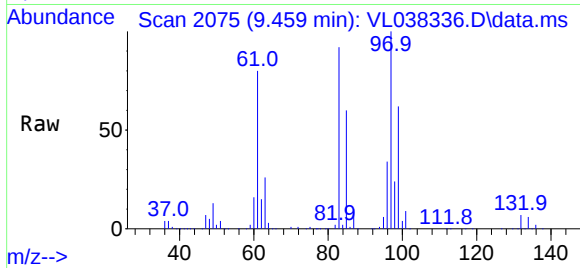
#47
1,1,2-Trichloroethane
Concen: 9.847 ppbv
RT: 9.459 min Scan# 2081
Delta R.T. -0.019 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

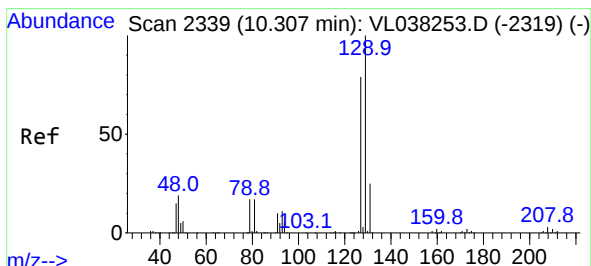
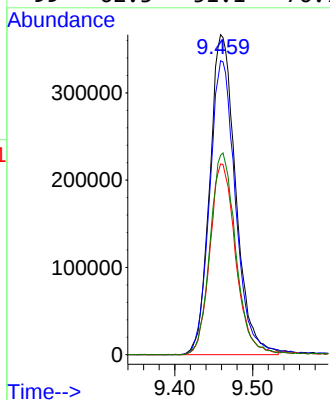
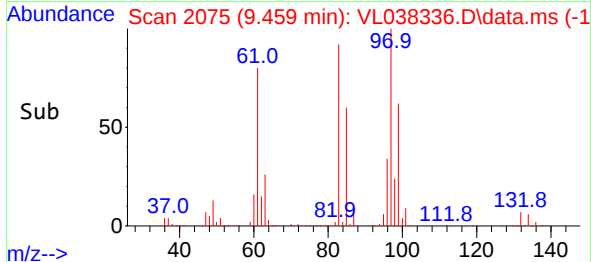


Tgt Ion: 97 Resp: 847958
Ion Ratio Lower Upper
97 100
83 91.8 74.3 111.5
85 59.6 47.5 71.3
99 62.3 51.1 76.7

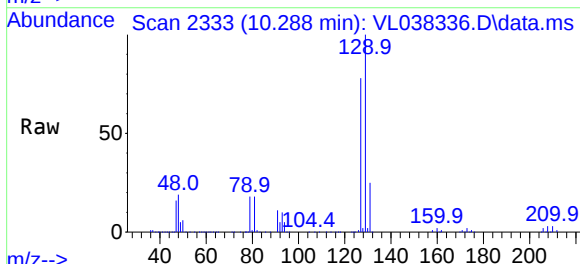
Manual Integrations

APPROVED

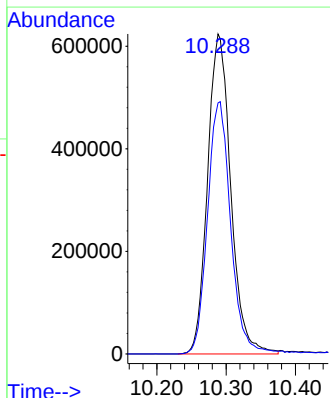
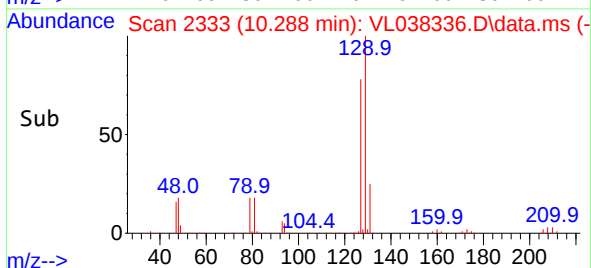
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

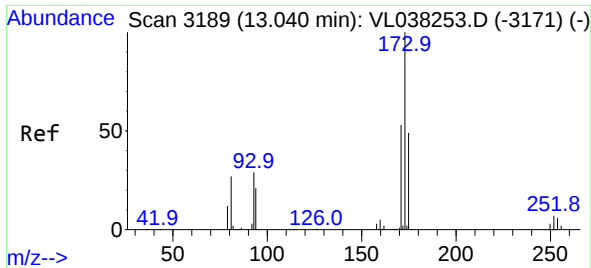


#48
Dibromochloromethane
Concen: 10.023 ppbv
RT: 10.288 min Scan# 2333
Delta R.T. -0.019 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



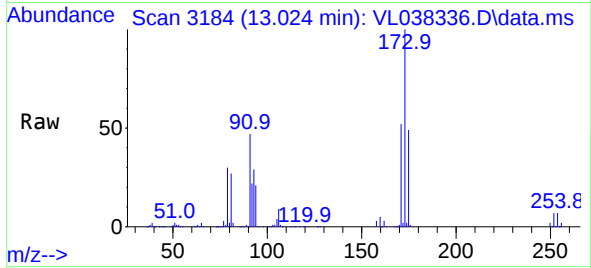
Tgt Ion:129 Resp: 1453027
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.3





#49
Bromoform
Concen: 10.508 ppbv
RT: 13.024 min Scan# 3189
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

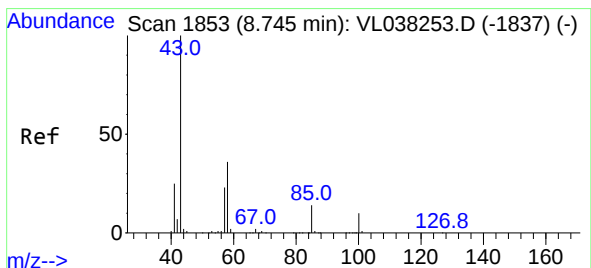
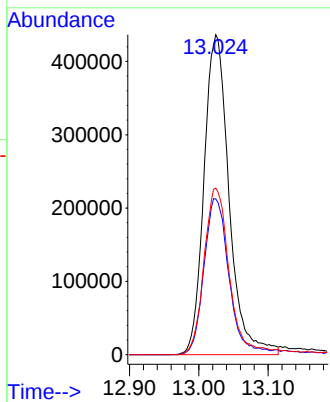
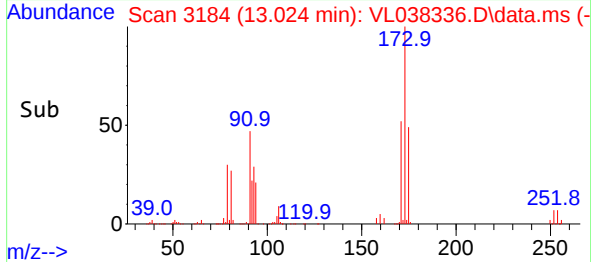
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



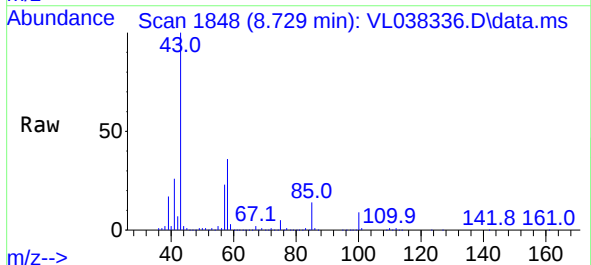
Tgt Ion:173 Resp: 109816
Ion Ratio Lower Upper
173 100
175 50.5 39.7 59.5
171 54.7 42.1 63.1

Manual Integrations
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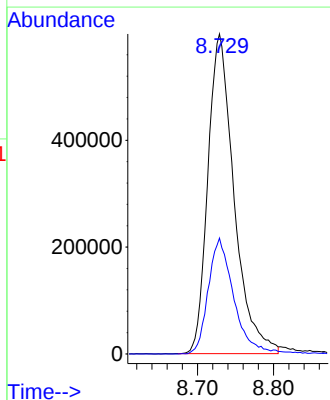
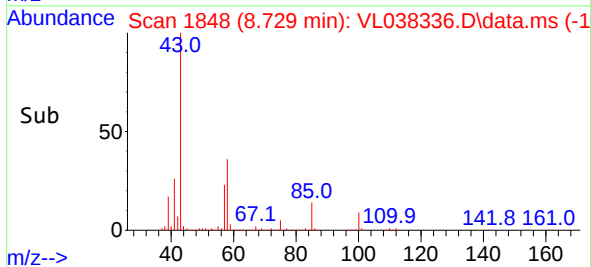
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

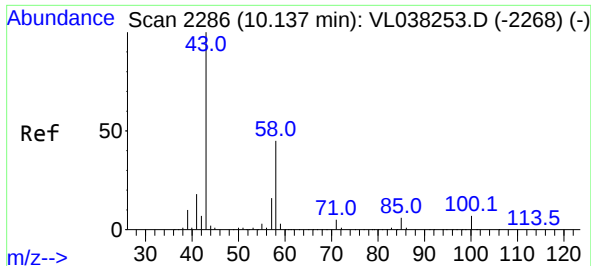


#50
4-Methyl-2-Pentanone
Concen: 10.034 ppbv
RT: 8.729 min Scan# 1848
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



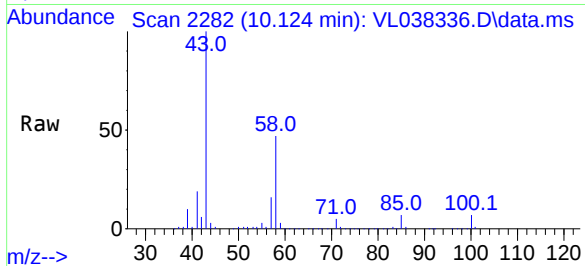
Tgt Ion: 43 Resp: 1430465
Ion Ratio Lower Upper
43 100
58 35.7 28.2 42.4





#51
2-Hexanone
Concen: 10.260 ppbv
RT: 10.124 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

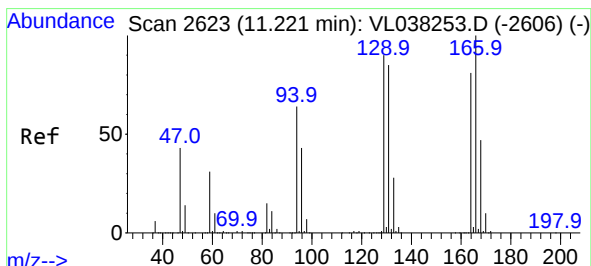
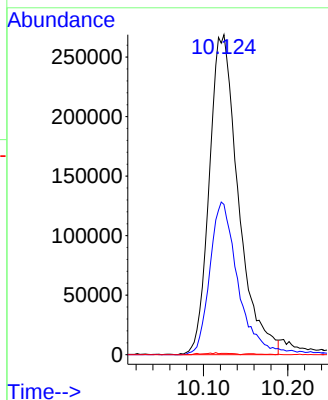
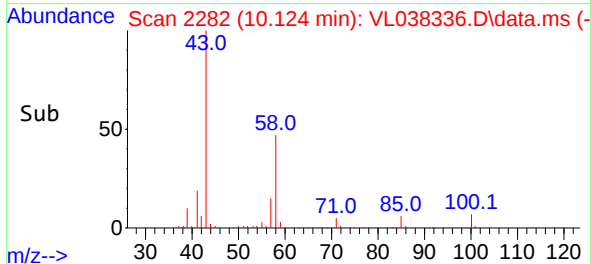
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



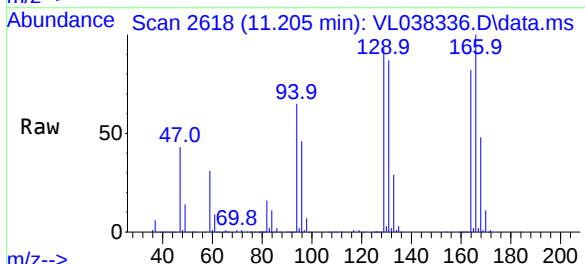
Tgt Ion: 43 Resp: 644170
Ion Ratio Lower Upper
43 100
58 47.0 37.0 55.4
98 0.7 0.2 0.2

Manual Integrations
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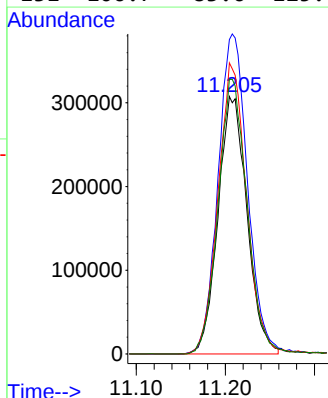
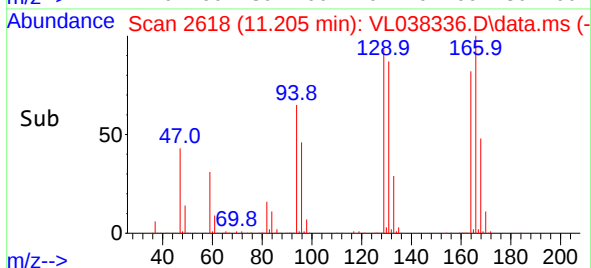
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

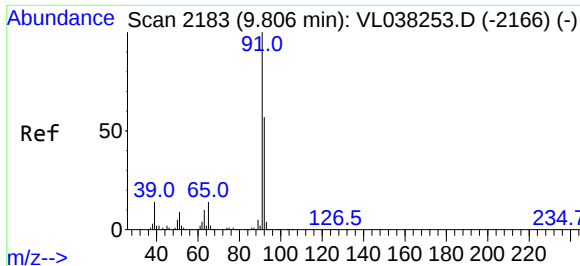


#52
Tetrachloroethene
Concen: 9.303 ppbv
RT: 11.205 min Scan# 2618
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



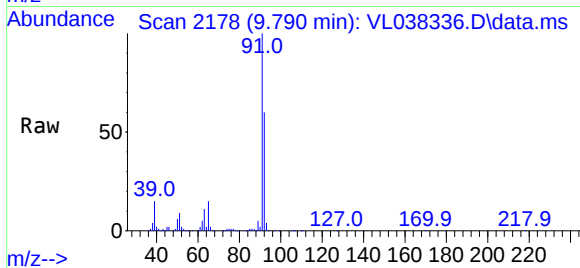
Tgt Ion:164 Resp: 693061
Ion Ratio Lower Upper
164 100
166 122.2 98.8 148.2
129 113.1 89.2 133.8
131 106.7 83.6 125.4





#53
Toluene
Concen: 9.967 ppbv
RT: 9.790 min Scan# 2183
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

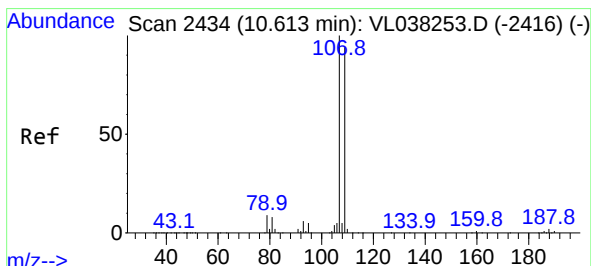
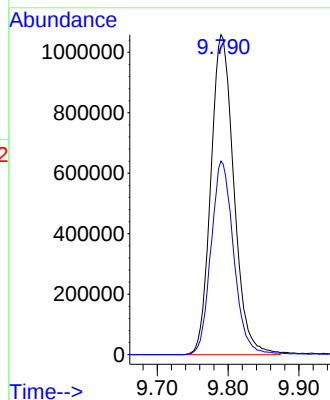
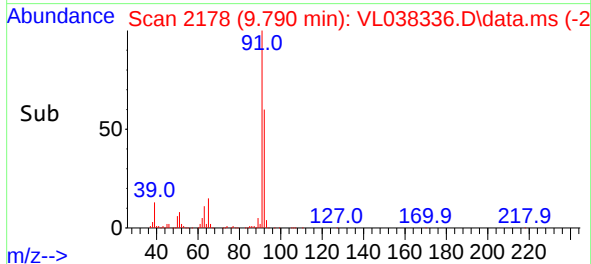
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



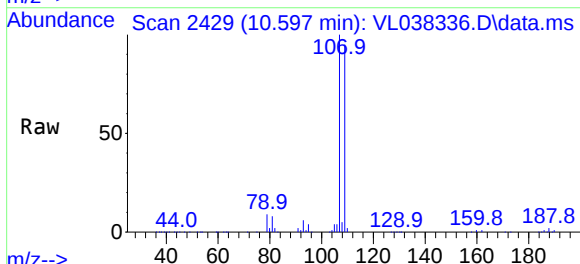
Tgt Ion: 91 Resp: 238458
Ion Ratio Lower Upper
91 100
92 59.8 47.4 71.0

Manual Integrations
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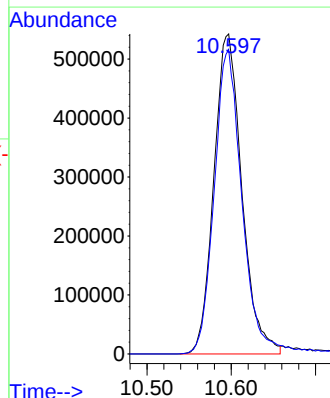
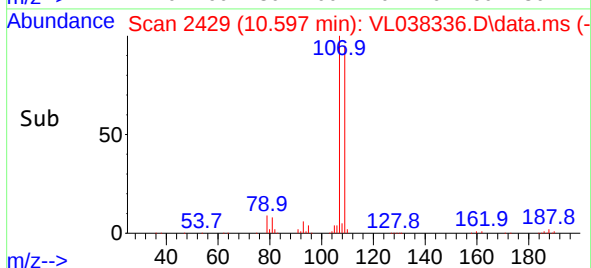
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

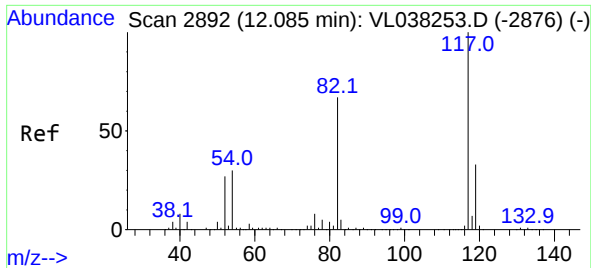


#54
1,2-Dibromoethane
Concen: 10.208 ppbv
RT: 10.597 min Scan# 2429
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



Tgt Ion:107 Resp: 1249652
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.070 min Scan# 2887

Delta R.T. -0.016 min

Lab File: VL038336.D

Acq: 14 Feb 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 2366900

Ion Ratio Lower Upper

117 100

82 66.3 54.4 81.6

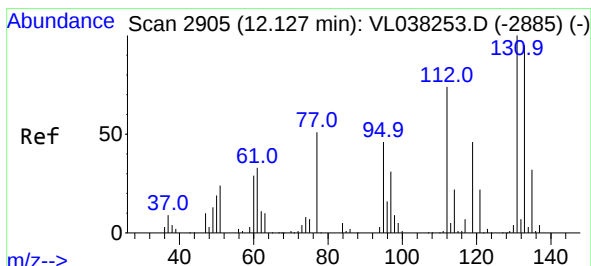
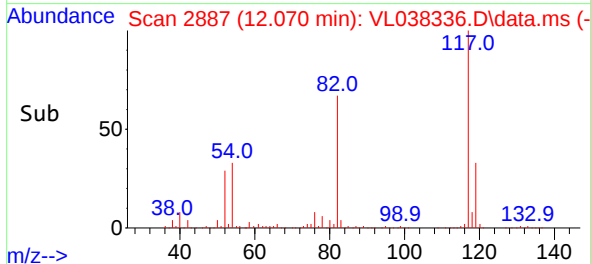
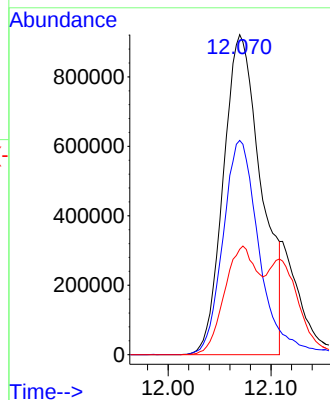
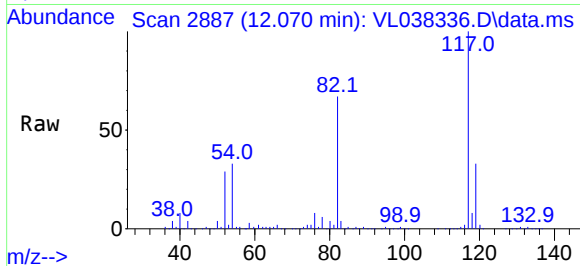
119 28.2 45.9 68.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022

Supervised By :Mahesh Dadoda 02/18/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 8.969 ppbv

RT: 12.111 min Scan# 2900

Delta R.T. -0.016 min

Lab File: VL038336.D

Acq: 14 Feb 2022 10:28

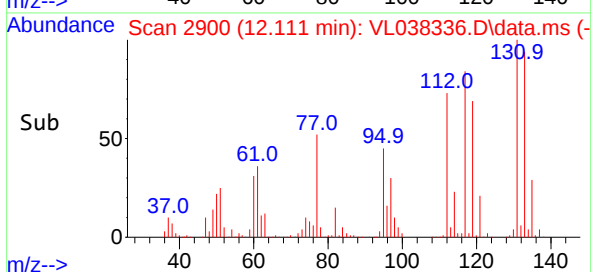
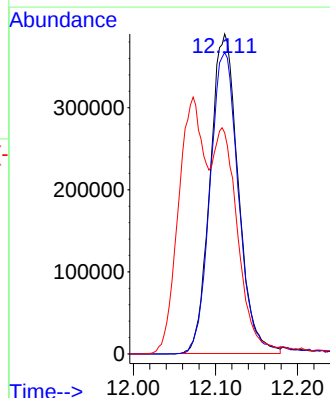
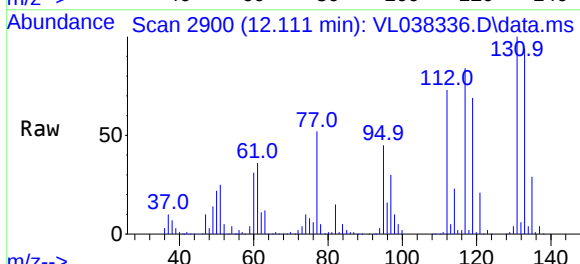
Tgt Ion:131 Resp: 929177

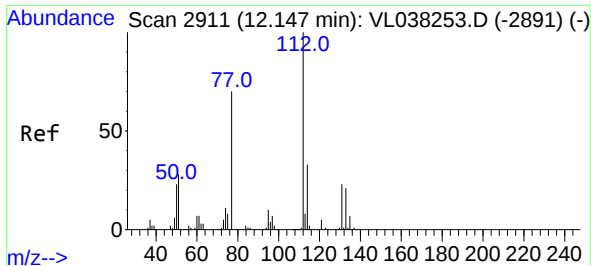
Ion Ratio Lower Upper

131 100

133 98.7 76.0 114.0

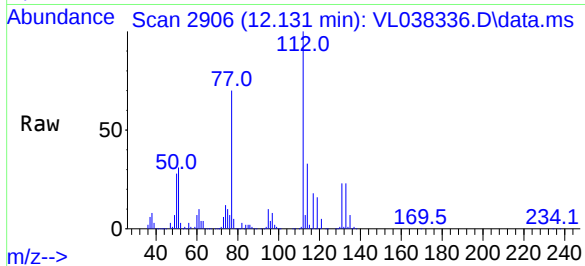
119 62.6 53.0 79.4





#57
Chlorobenzene
Concen: 8.831 ppbv
RT: 12.131 min Scan# 2911
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

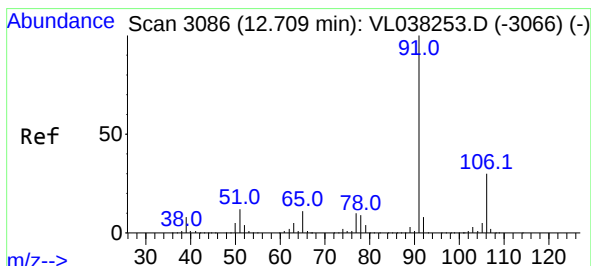
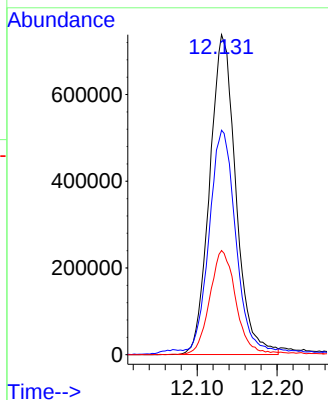
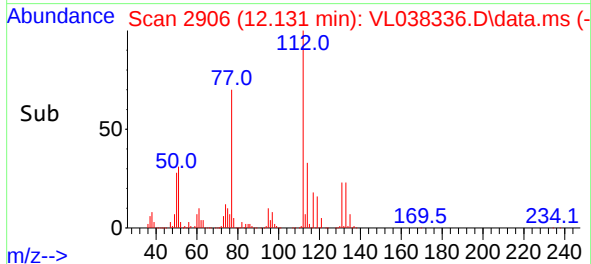
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



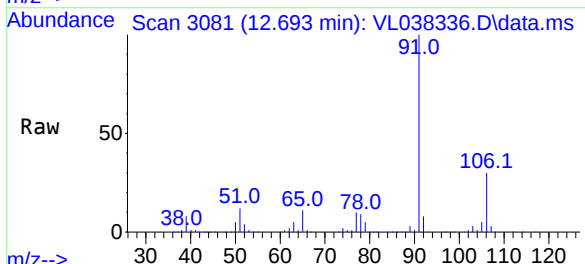
Tgt Ion: 112 Resp: 1672690
Ion Ratio Lower Upper
112 100
77 68.8 55.9 83.9
114 32.5 29.3 35.9

Manual Integrations
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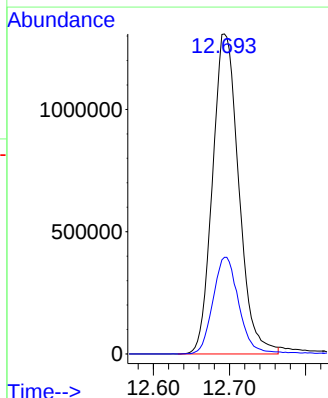
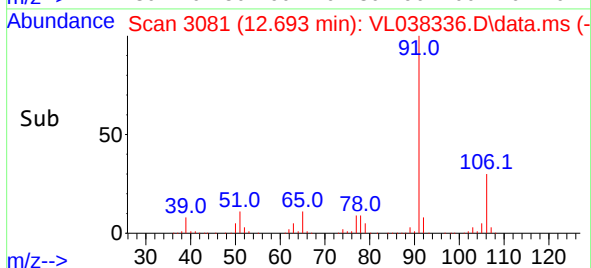
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

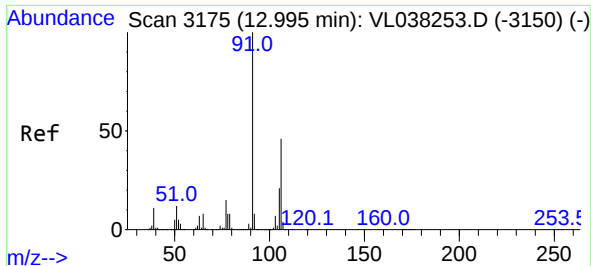


#58
Ethyl Benzene
Concen: 9.035 ppbv
RT: 12.693 min Scan# 3081
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



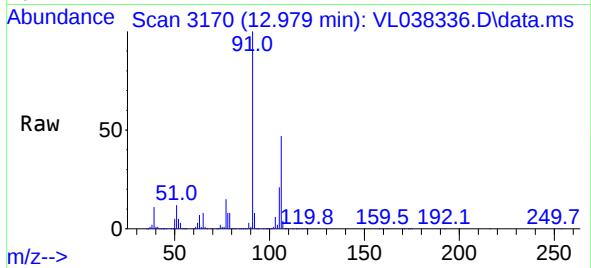
Tgt Ion: 91 Resp: 3142741
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1





#59
m/p-Xylene
Concen: 17.997 ppbv m
RT: 12.979 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

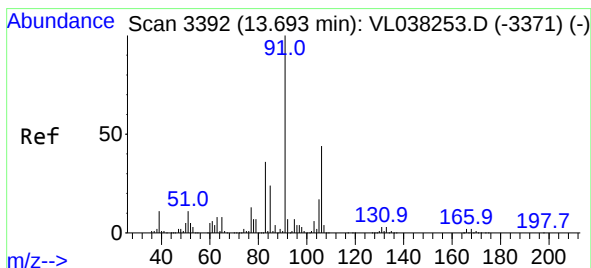
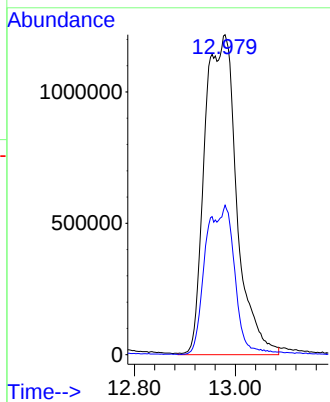
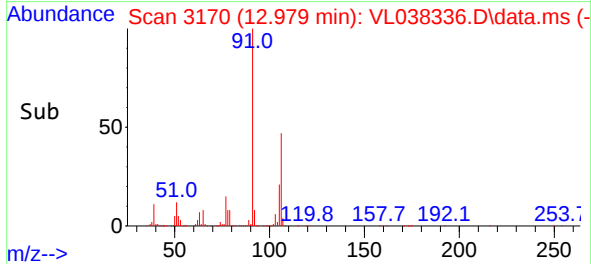
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



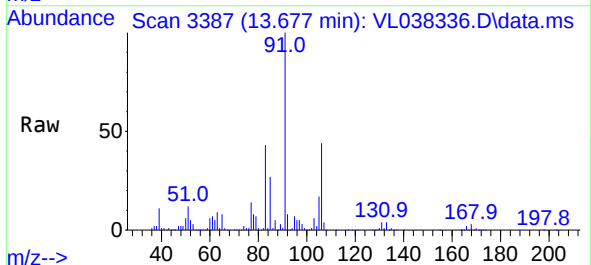
Tgt Ion: 91 Resp: 5341024
Ion Ratio Lower Upper
91 100
106 43.4 34.8 52.2

Manual Integrations
APPROVED

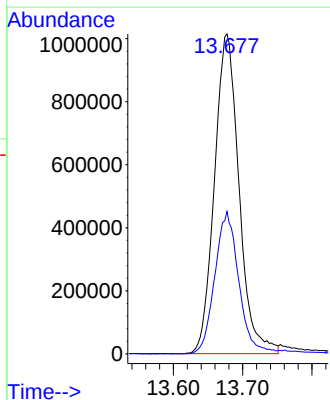
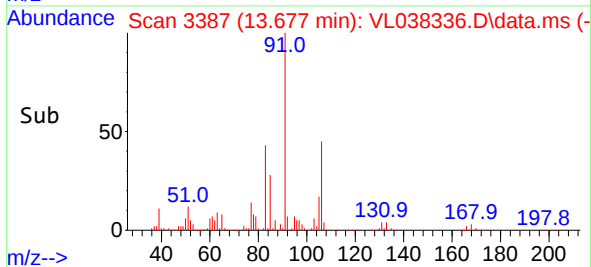
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

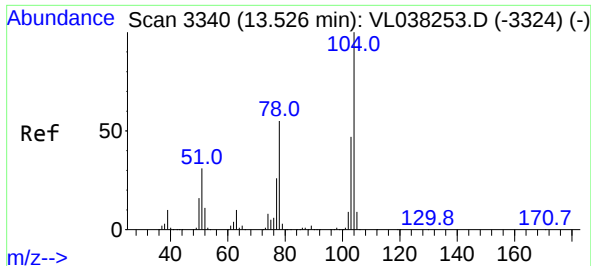


#60
o-Xylene
Concen: 9.058 ppbv
RT: 13.677 min Scan# 3387
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



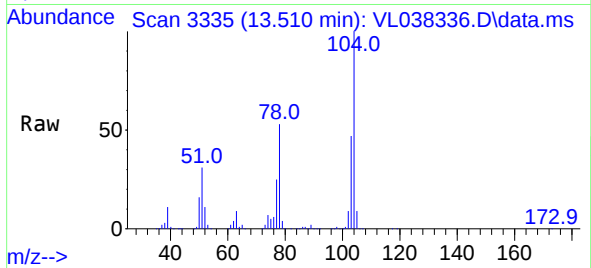
Tgt Ion: 91 Resp: 2500362
Ion Ratio Lower Upper
91 100
106 44.7 22.2 66.6





#61
Styrene
Concen: 10.082 ppbv
RT: 13.510 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

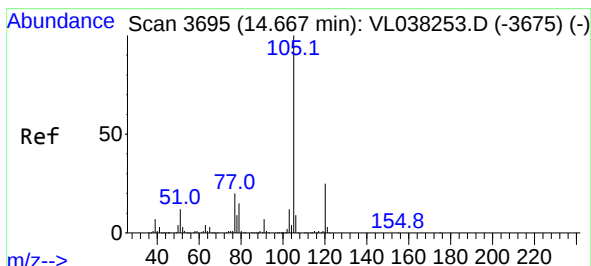
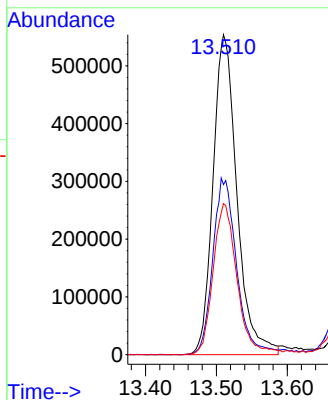
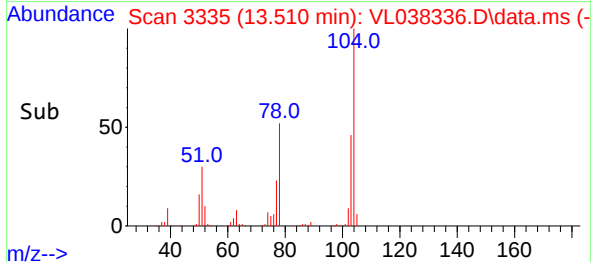
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



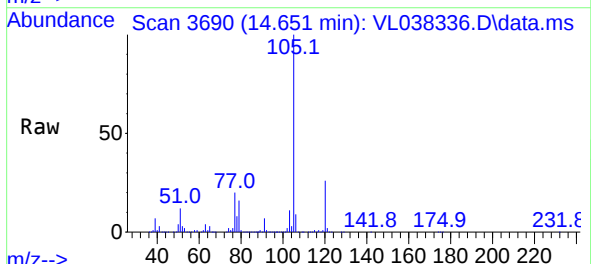
Tgt Ion:104 Resp: 1298730
Ion Ratio Lower Upper
104 100
78 56.2 44.2 66.4
103 48.1 38.2 57.4

Manual Integrations
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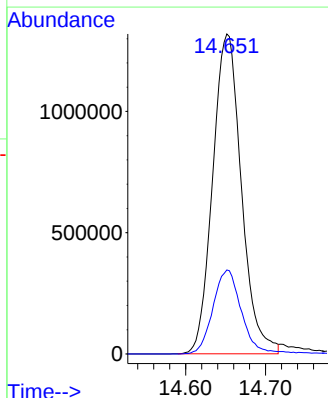
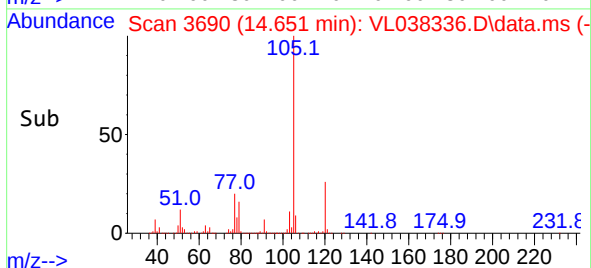
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

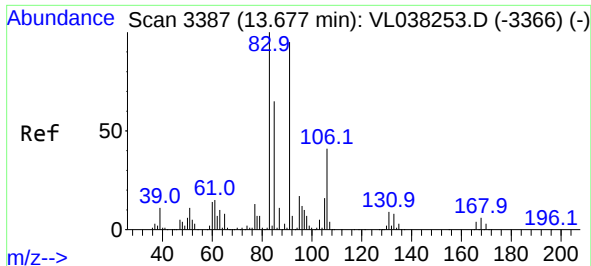


#62
Isopropylbenzene
Concen: 8.938 ppbv
RT: 14.651 min Scan# 3690
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



Tgt Ion:105 Resp: 3289107
Ion Ratio Lower Upper
105 100
120 26.4 20.5 30.7





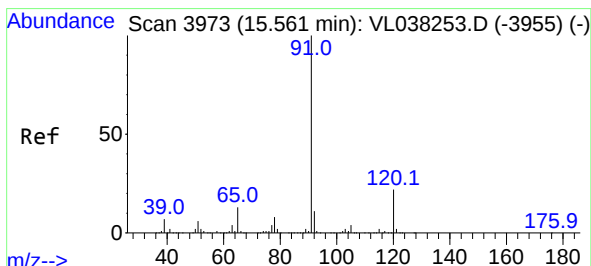
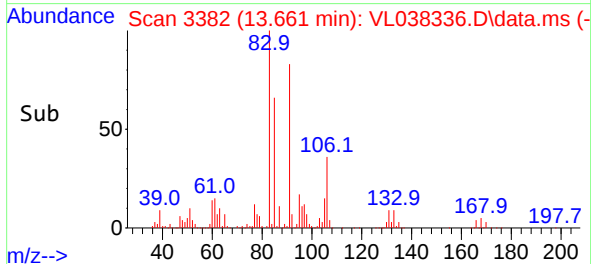
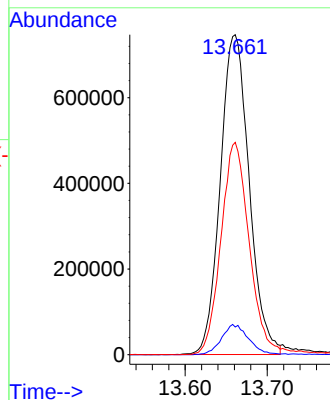
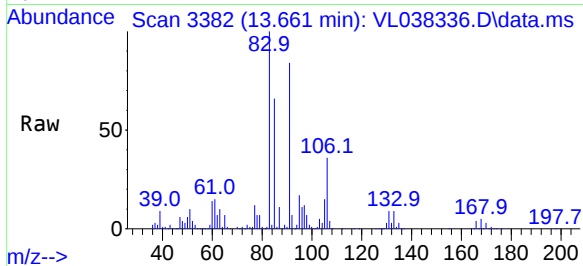
#63
1,1,2,2-Tetrachloroethane
Concen: 8.944 ppbv
RT: 13.661 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 182670
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 66.5 32.8 98.4

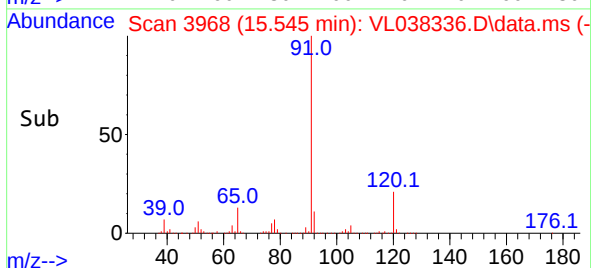
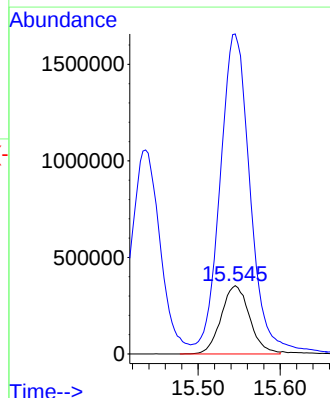
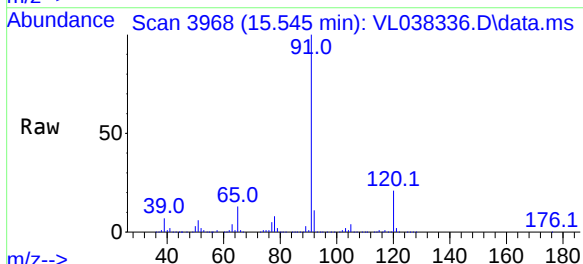
Manual Integrations
APPROVED

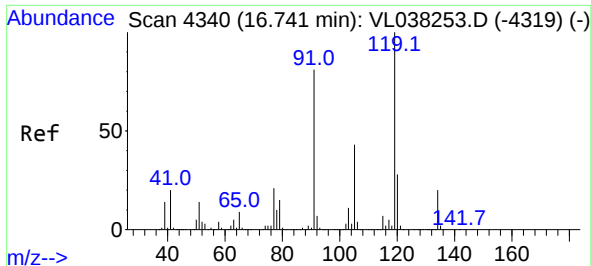
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#64
n-propylbenzene
Concen: 9.630 ppbv
RT: 15.545 min Scan# 3968
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Tgt Ion:120 Resp: 852456
Ion Ratio Lower Upper
120 100
91 498.6 390.8 586.2





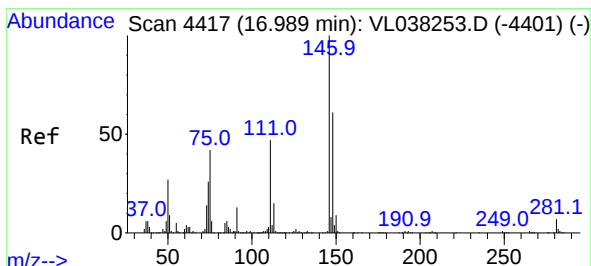
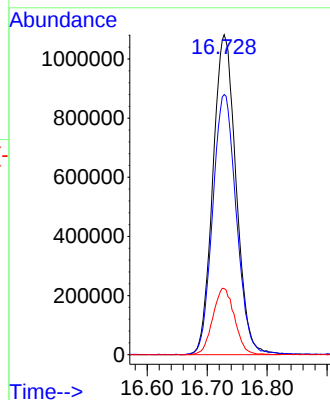
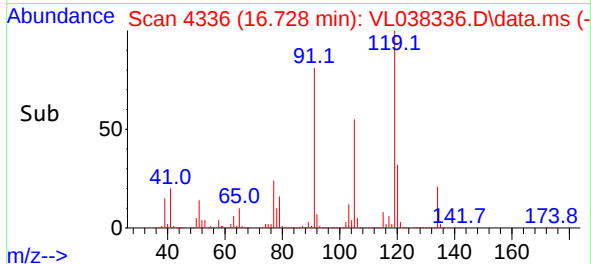
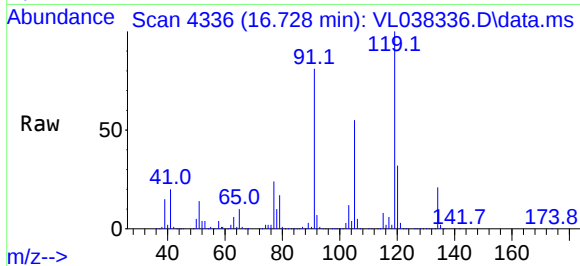
#65
tert-Butylbenzene
Concen: 9.558 ppbv
RT: 16.728 min Scan# 4119
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 289675
Ion Ratio Lower Upper
119 100
91 83.3 66.6 100.0
134 19.6 15.8 23.6

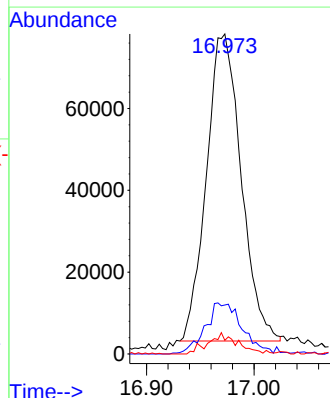
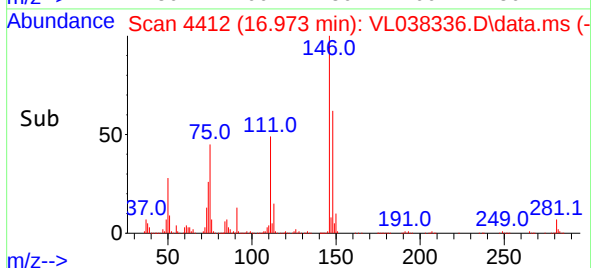
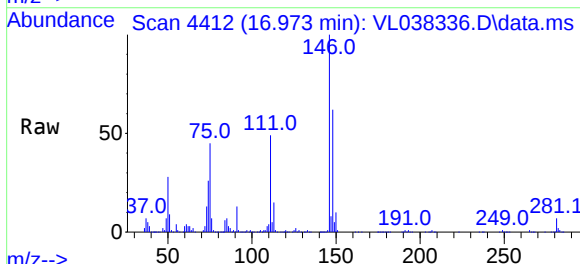
Manual Integrations
APPROVED

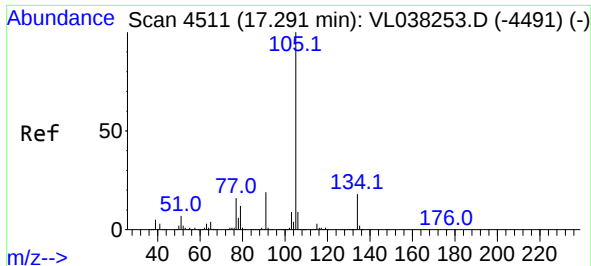
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#66
Benzyl Chloride
Concen: 12.231 ppbv
RT: 16.973 min Scan# 4412
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Tgt Ion: 91 Resp: 168392
Ion Ratio Lower Upper
91 100
126 18.0 12.6 18.8
128 6.1 4.3 6.5





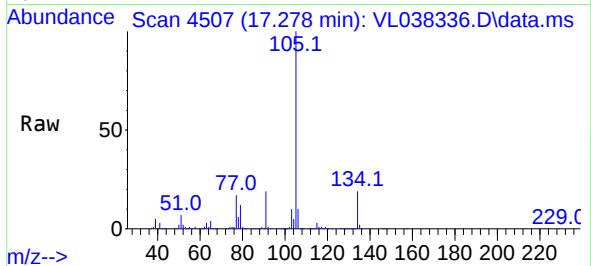
#67
 sec-Butylbenzene
 Concen: 9.605 ppbv
 RT: 17.278 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

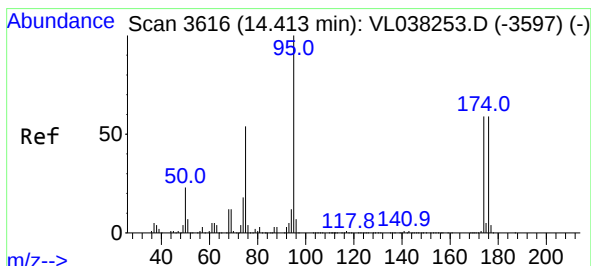
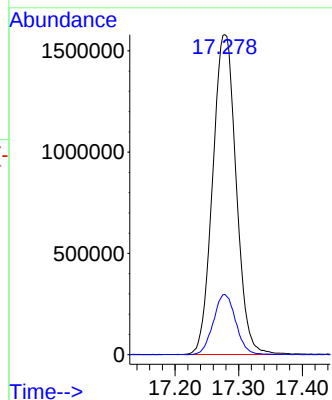
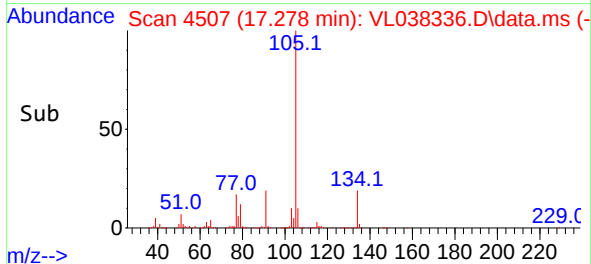


Tgt Ion:105 Resp: 4049409
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.3 21.5

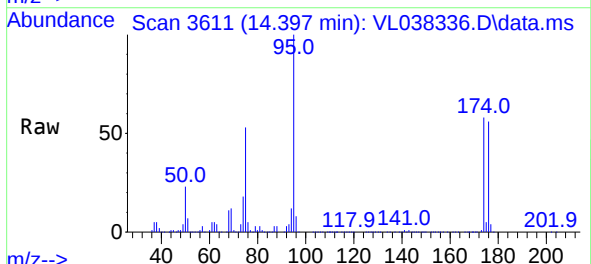
Manual Integrations

APPROVED

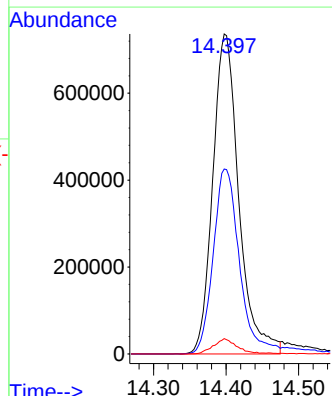
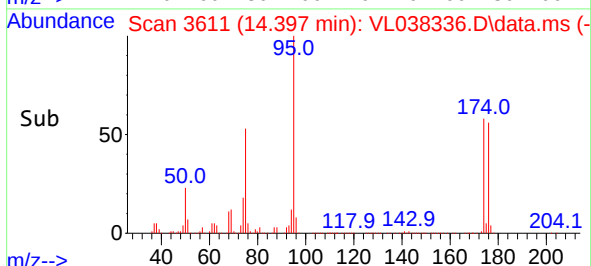
Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

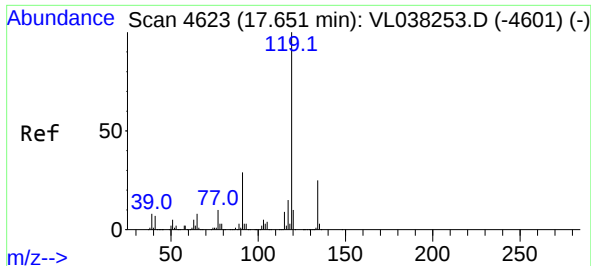


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.222 ppbv
 RT: 14.397 min Scan# 3611
 Delta R.T. -0.016 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28



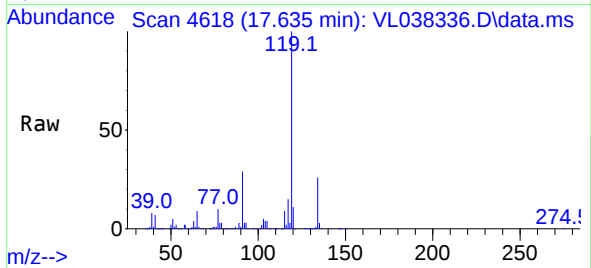
Tgt Ion: 95 Resp: 1836340
 Ion Ratio Lower Upper
 95 100
 174 61.1 48.3 72.5
 175 4.5 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.069 ppbv
RT: 17.635 min Scan# 4618
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

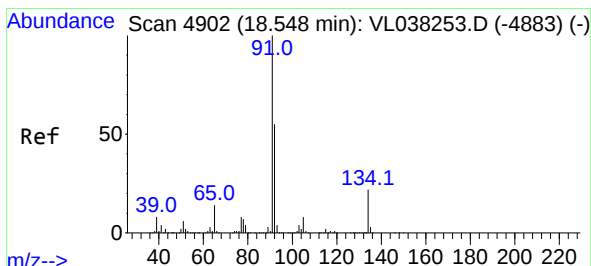
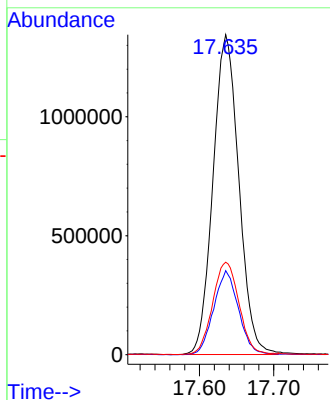
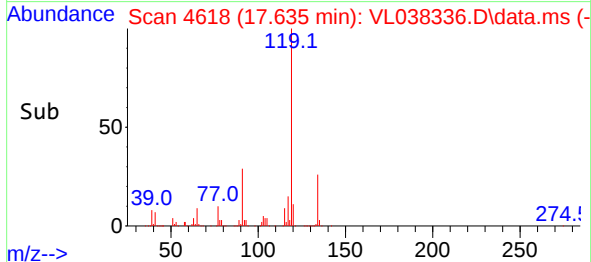
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion:119 Resp: 324885
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 29.7 23.2 34.8

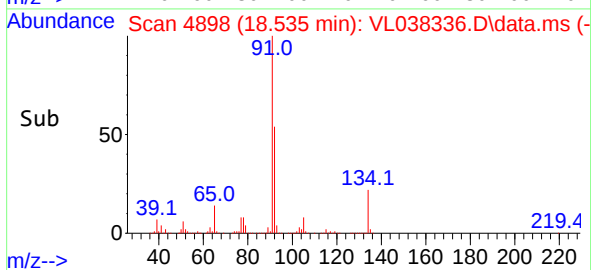
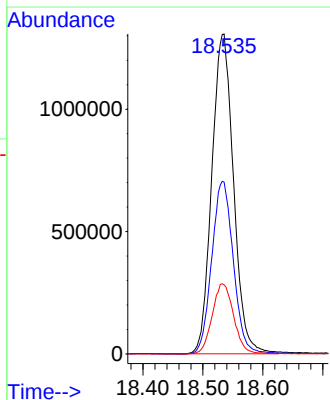
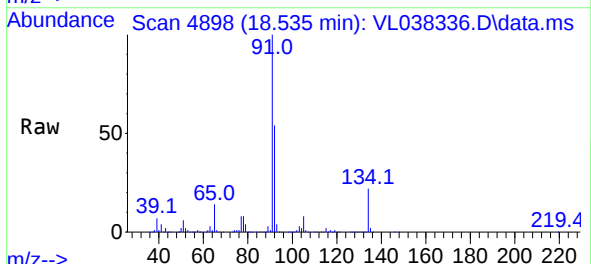
Manual Integrations
APPROVED

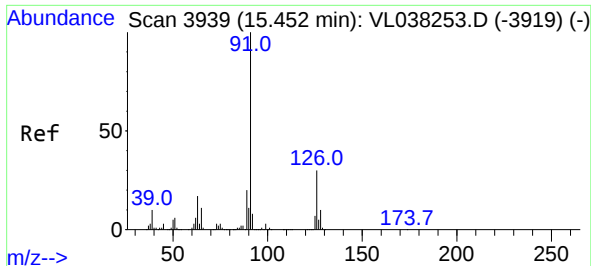
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#70
n-Butylbenzene
Concen: 10.390 ppbv
RT: 18.535 min Scan# 4898
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Tgt Ion: 91 Resp: 3283414
Ion Ratio Lower Upper
91 100
92 54.0 43.4 65.0
134 21.8 17.3 25.9





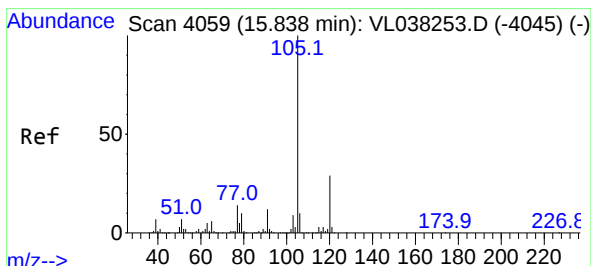
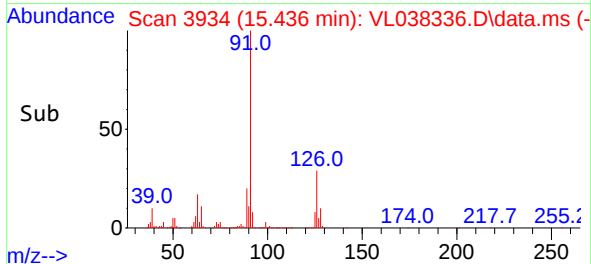
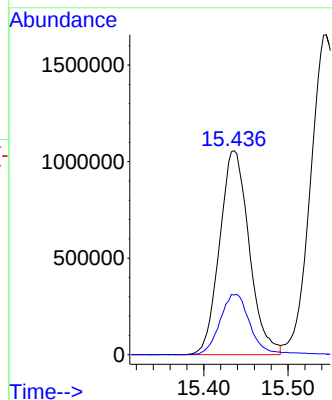
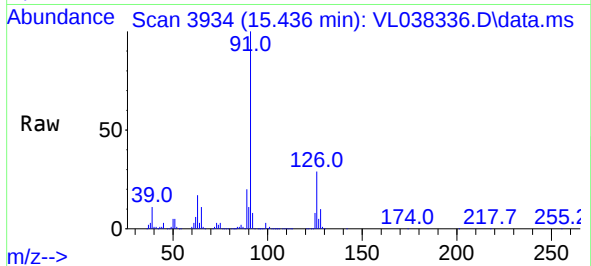
#71
2-Chlorotoluene
Concen: 9.449 ppbv
RT: 15.436 min Scan# 3934
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 257525
Ion Ratio Lower Upper
91 100
126 30.9 12.1 48.5

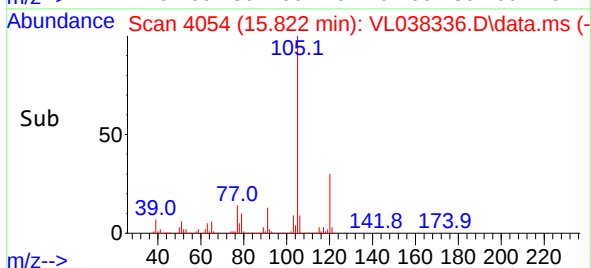
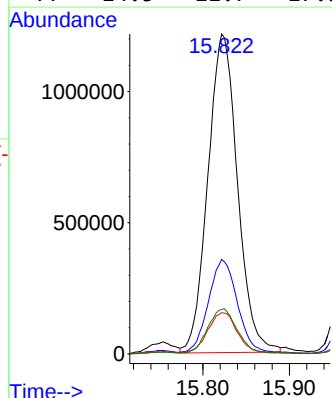
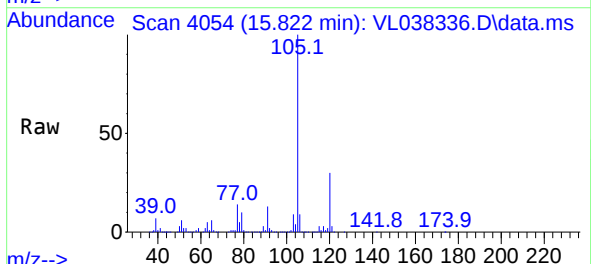
Manual Integrations
APPROVED

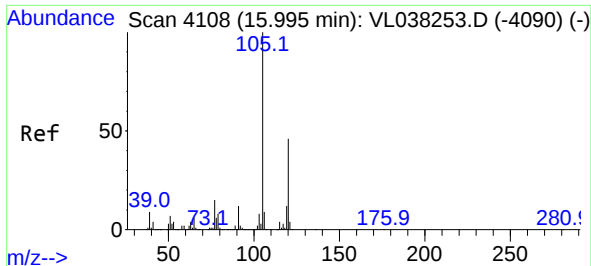
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022



#72
4-Ethyltoluene
Concen: 10.015 ppbv
RT: 15.822 min Scan# 4054
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

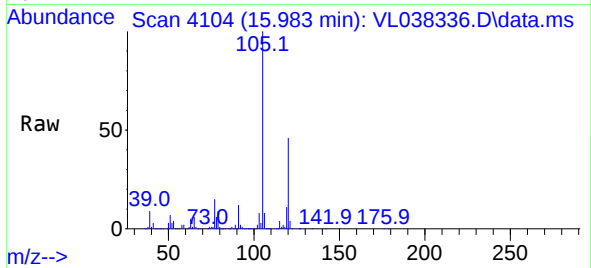
Tgt Ion:105 Resp: 2890918
Ion Ratio Lower Upper
105 100
120 29.7 23.8 35.8
91 13.1 10.2 15.4
77 14.5 11.7 17.5





#73
1,3,5-Trimethylbenzene
Concen: 9.800 ppbv
RT: 15.983 min Scan# 4108
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

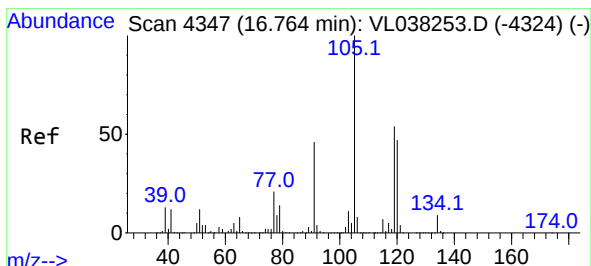
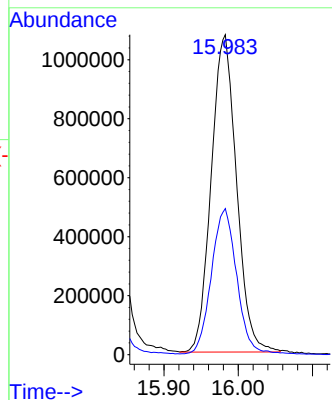
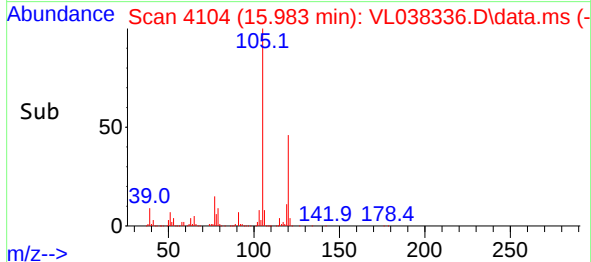
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



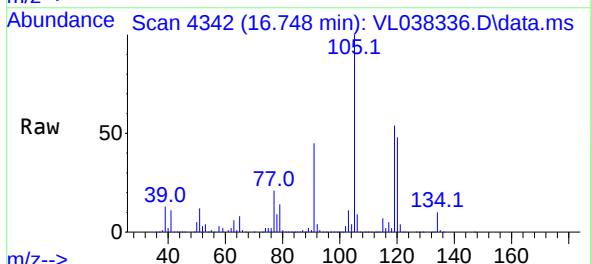
Tgt Ion:105 Resp: 2544020
Ion Ratio Lower Upper
105 100
120 45.8 36.6 55.0

Manual Integrations
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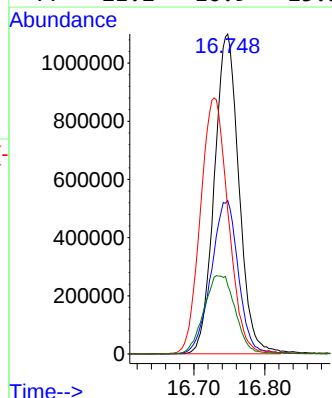
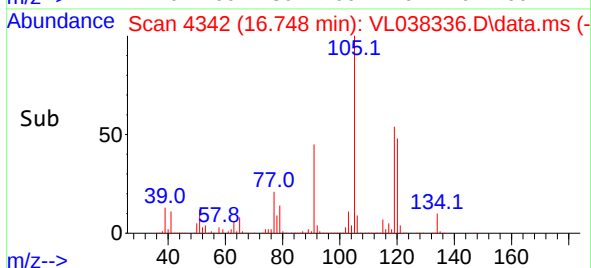
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

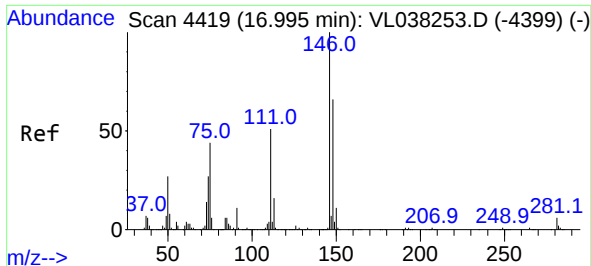


#74
1,2,4-Trimethylbenzene
Concen: 9.700 ppbv
RT: 16.748 min Scan# 4342
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



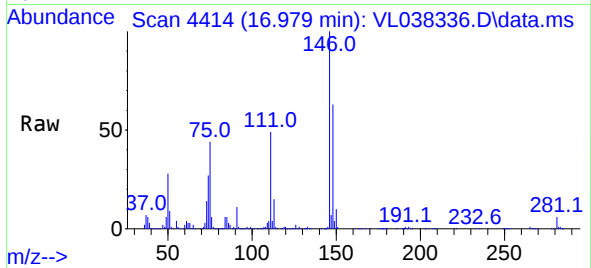
Tgt Ion:105 Resp: 2652817
Ion Ratio Lower Upper
105 100
120 47.8 37.2 55.8
91 44.4 36.6 55.0
77 21.2 16.9 25.3





#75
1,3-Dichlorobenzene
Concen: 10.060 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

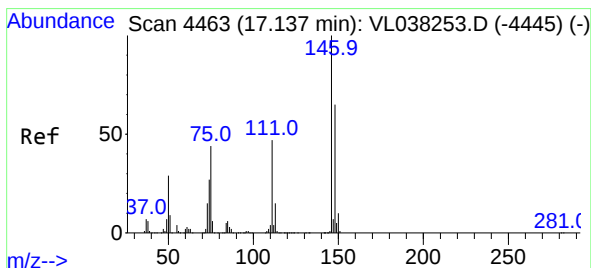
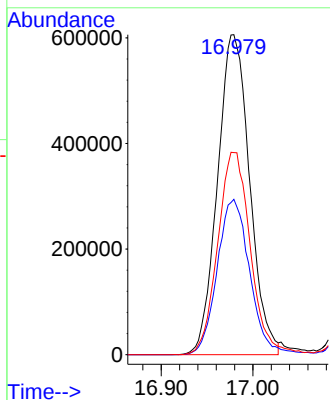
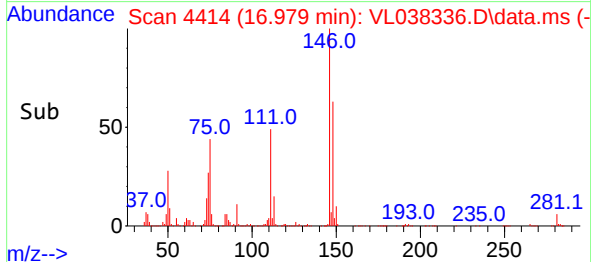
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



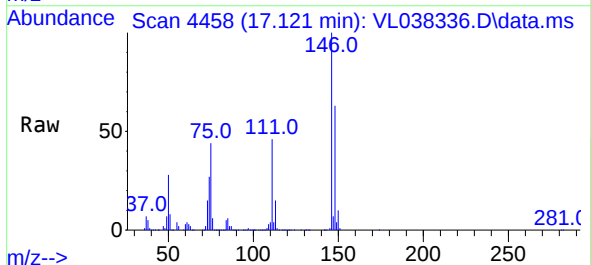
Tgt Ion:146 Resp: 147638
Ion Ratio Lower Upper
146 100
111 49.4 24.1 72.4
148 64.6 32.1 96.5

Manual Integrations
APPROVED

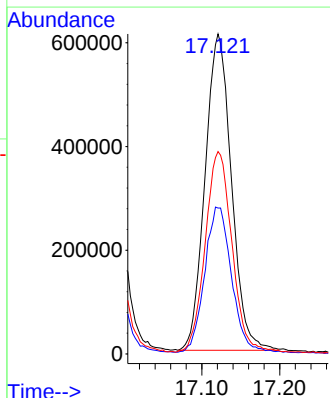
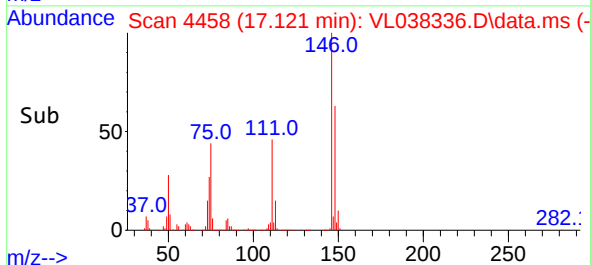
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

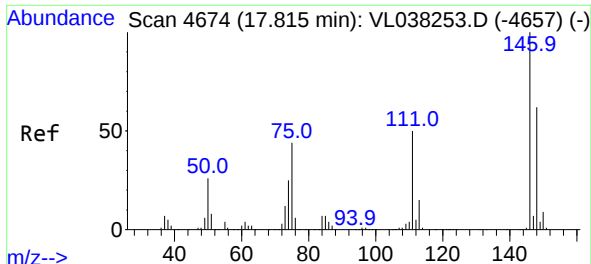


#76
1,4-Dichlorobenzene
Concen: 10.093 ppbv
RT: 17.121 min Scan# 4458
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



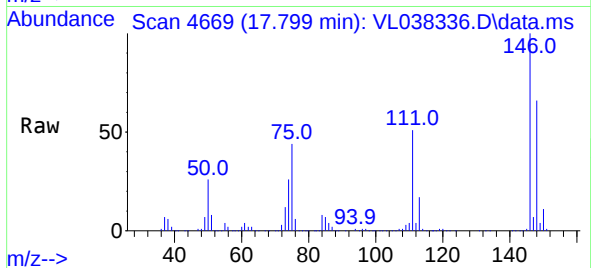
Tgt Ion:146 Resp: 1434017
Ion Ratio Lower Upper
146 100
111 47.5 23.2 69.6
148 66.7 32.4 97.0





#77
1,2-Dichlorobenzene
Concen: 10.098 ppbv
RT: 17.799 min Scan# 401
Delta R.T. -0.016 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

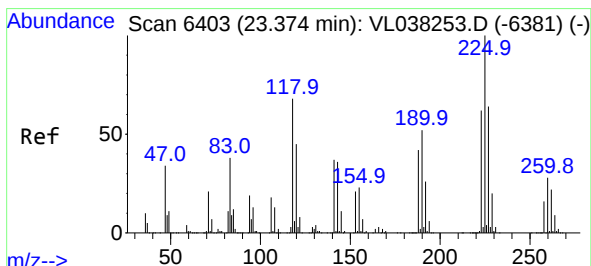
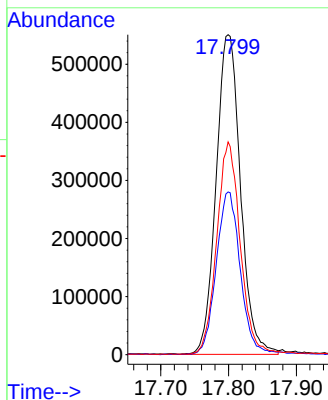
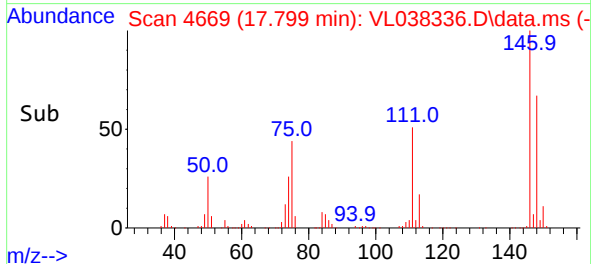
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



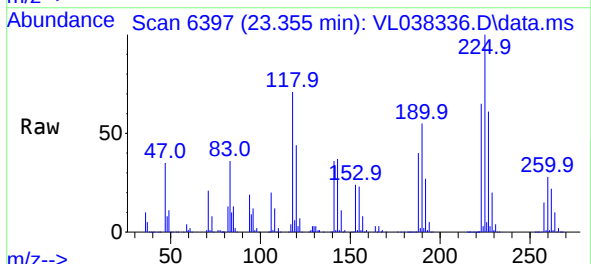
Tgt Ion:146 Resp: 1376438
Ion Ratio Lower Upper
146 100
111 50.6 25.2 75.6
148 64.6 32.6 97.8

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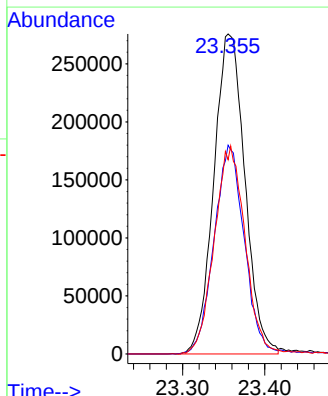
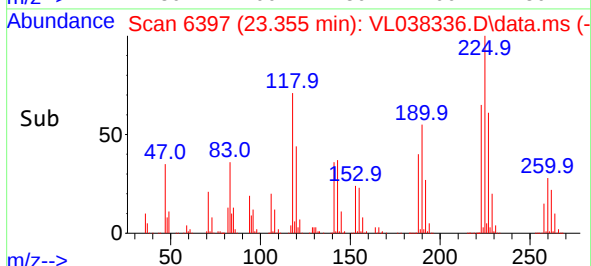
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

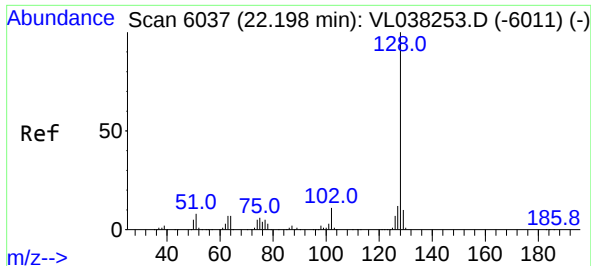


#78
Hexachloro-1,3-Butadiene
Concen: 7.669 ppbv
RT: 23.355 min Scan# 6397
Delta R.T. -0.019 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



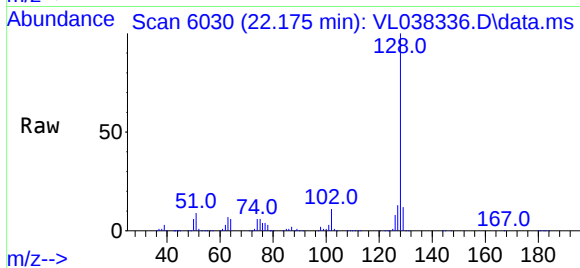
Tgt Ion:225 Resp: 726738
Ion Ratio Lower Upper
225 100
223 64.1 51.7 77.5
227 65.0 51.4 77.0





#79
Naphthalene
Concen: 10.481 ppbv
RT: 22.175 min Scan# 6030
Delta R.T. -0.022 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28

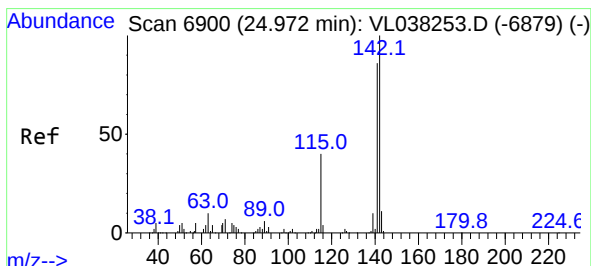
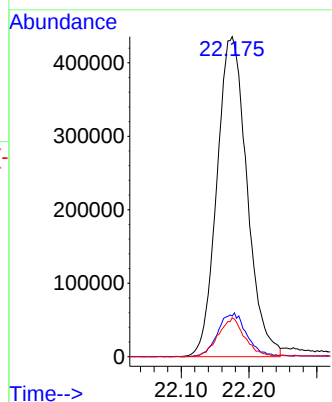
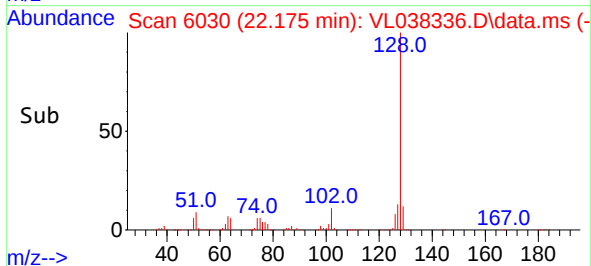
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



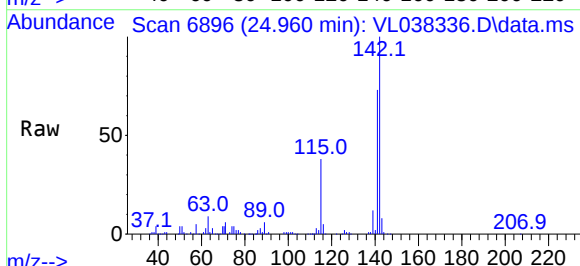
Tgt Ion:128 Resp: 134015
Ion Ratio Lower Upper
128 100
127 12.7 9.7 14.5
129 12.2 8.1 12.1

Manual Integrations
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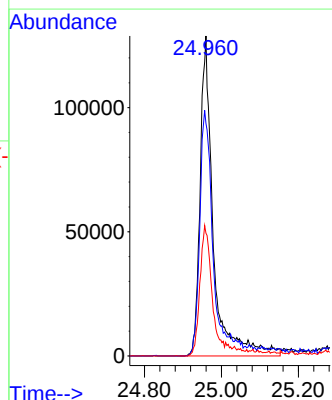
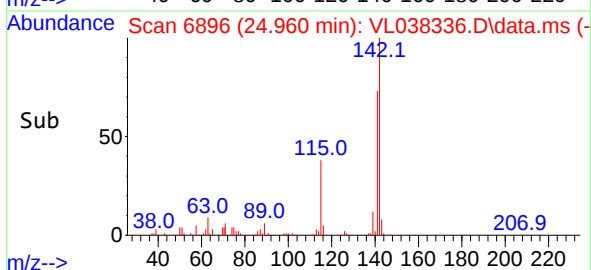
Reviewed By :Semsettin Yesilyurt 02/15/2022
Supervised By :Mahesh Dadoda 02/18/2022

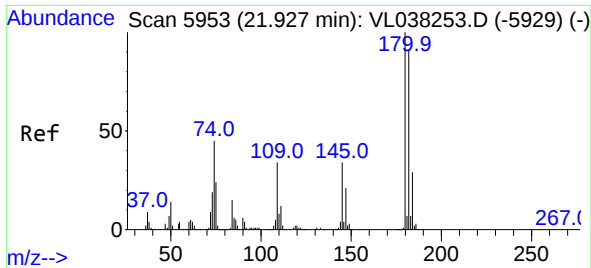


#80
Naphthalene,2-methyl-
Concen: 22.126 ppbv
RT: 24.960 min Scan# 6896
Delta R.T. -0.013 min
Lab File: VL038336.D
Acq: 14 Feb 2022 10:28



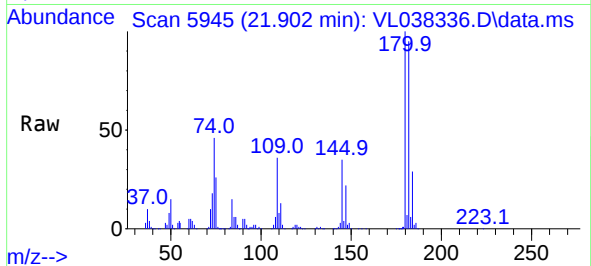
Tgt Ion:142 Resp: 307659
Ion Ratio Lower Upper
142 100
141 77.9 70.2 105.4
115 40.8 31.8 47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 9.667 ppbv
 RT: 21.902 min Scan# 5945
 Delta R.T. -0.026 min
 Lab File: VL038336.D
 Acq: 14 Feb 2022 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 727015
 Ion Ratio Lower Upper
 180 100
 182 99.2 77.7 116.5
 184 31.2 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/15/2022
 Supervised By :Mahesh Dadoda 02/18/2022

