

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
 Data File : VL038446.D
 Acq On : 1 Mar 2022 11:31
 Operator : SY/AP
 Sample : VL0301ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 03:03:57 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 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	885220	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2115505	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	1911078m	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.394 95 1609587 10.179 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	1319014	9.407	ppbv	96
3) Chlorodifluoromethane	2.989	51	1561527	9.990	ppbv	99
4) Chloromethane	3.140	50	546118	10.055	ppbv	99
5) Vinyl Chloride	3.256	62	563184	9.919	ppbv	98
6) Bromomethane	3.472	94	315532	10.535	ppbv	98
7) Chloroethane	3.555	64	196887	10.796	ppbv	95
8) Dichlorotetrafluoroethane	3.189	85	1358450	10.416	ppbv	99
9) Propene	3.012	41	514654	9.972	ppbv	100
10) Heptane	8.108	43	1323386	10.534	ppbv	100
11) Trichlorofluoromethane	3.947	101	1396123	10.400	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.478	101	1033547	10.502	ppbv	98
13) Ethanol	3.616	45	43399m	8.426	ppbv	
14) Bromoethene	3.735	108	411843	10.504	ppbv	99
15) Acetone	3.848	43	685737	9.109	ppbv	100
16) 1,3-Butadiene	3.327	39	530645	10.553	ppbv	97
17) tert-Butyl alcohol	4.282	59	865797	11.528	ppbv	99
18) 1,1-Dichloroethene	4.285	96	437717	10.130	ppbv	99
19) Isopropyl Alcohol	3.960	45	436219	10.007	ppbv #	99
20) Methylene Chloride	4.336	84	359465	9.637	ppbv	95
21) Allyl Chloride	4.407	41	645765	10.156	ppbv	98
22) trans-1,2-Dichloroethene	4.880	96	471089	10.806	ppbv	97
23) Vinyl Acetate	5.063	43	1030849	10.333	ppbv	99
24) 1,1-Dichloroethane	5.005	63	922956	10.291	ppbv	99
25) Ethyl Acetate	5.671	43	2068030	10.225	ppbv	100
26) Hexane	5.677	57	939722	10.260	ppbv	99
27) Carbon Disulfide	4.542	76	1111160	10.907	ppbv	99
28) Methyl tert-Butyl Ether	5.025	73	972207	10.422	ppbv	100
29) Chloroform	5.742	83	1541402	10.311	ppbv	99
30) Cyclohexane	7.118	84	774337	10.338	ppbv	99
31) cis-1,2-Dichloroethene	5.542	61	924526	10.419	ppbv	98
32) 1,1,1-Trichloroethane	6.500	97	1539931	10.244	ppbv	99
34) 2-Butanone	5.237	43	710933	10.685	ppbv	98
35) Carbon Tetrachloride	7.005	117	1593984	10.715	ppbv	99
36) Benzene	6.880	78	1958473	10.516	ppbv	98
37) 1,2-Dichloroethane	6.295	62	1155230	10.734	ppbv	100
38) Trichloroethene	7.822	130	698453	10.296	ppbv	95
39) 1,2-Dichloropropane	7.600	63	770992	10.394	ppbv	96
40) 1,4-Dioxane	7.828	88	145955	8.295	ppbv #	38
41) Tetrahydrofuran	6.041	42	486662	10.826	ppbv	98
42) Bromodichloromethane	7.777	83	1640879	10.559	ppbv	99
43) Methyl Methacrylate	8.002	69	723212	11.171	ppbv	99
44) 2,2,4-Trimethylpentane	7.857	57	3366897	10.518	ppbv	99
45) t-1,3-Dichloropropene	9.262	75	585316	11.312	ppbv	100

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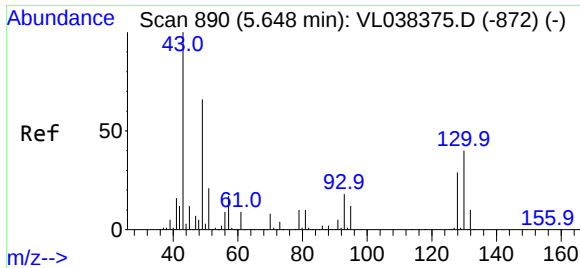
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

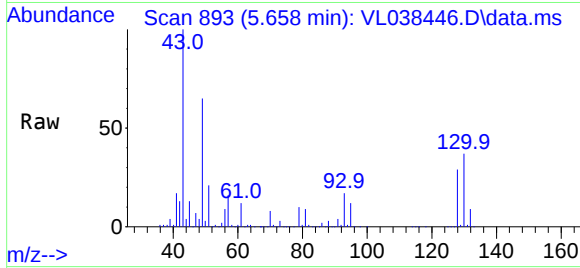
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.690	75	753957	11.118	ppbv	99
47) 1,1,2-Trichloroethane	9.458	97	755236	10.233	ppbv	97
48) Dibromochloromethane	10.288	129	1265621	10.488	ppbv	100
49) Bromoform	13.024	173	840367	9.434	ppbv	97
50) 4-Methyl-2-Pentanone	8.729	43	1333372	11.335	ppbv	100
51) 2-Hexanone	10.124	43	575532	10.928	ppbv #	98
52) Tetrachloroethene	11.204	164	589989	9.543	ppbv	97
53) Toluene	9.790	91	2127045	10.519	ppbv	100
54) 1,2-Dibromoethane	10.593	107	1080538	10.401	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.108	131	819884	10.293	ppbv	97
57) Chlorobenzene	12.127	112	1455953	9.874	ppbv	98
58) Ethyl Benzene	12.693	91	2708344	10.364	ppbv	98
59) m/p-Xylene	12.979	91	4587986m	20.442	ppbv	
60) o-Xylene	13.674	91	2134382	10.060	ppbv	99
61) Styrene	13.507	104	1027185	10.497	ppbv	98
62) Isopropylbenzene	14.651	105	2814294	9.883	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.658	83	1452337	8.425	ppbv	100
64) n-propylbenzene	15.545	120	668527	9.482	ppbv	87
65) tert-Butylbenzene	16.725	119	2270776	9.207	ppbv	99
66) Benzyl Chloride	16.969	91	99343	7.454	ppbv	96
67) sec-Butylbenzene	17.278	105	3180689	9.102	ppbv	99
69) p-Isopropyltoluene	17.635	119	2540633	9.256	ppbv	99
70) n-Butylbenzene	18.532	91	2681170	9.439	ppbv	100
71) 2-Chlorotoluene	15.432	91	2004995	9.157	ppbv	99
72) 4-Ethyltoluene	15.822	105	2205325	9.434	ppbv	99
73) 1,3,5-Trimethylbenzene	15.979	105	1963838	9.251	ppbv	97
74) 1,2,4-Trimethylbenzene	16.748	105	2067296	9.224	ppbv	92
75) 1,3-Dichlorobenzene	16.973	146	1104218	8.796	ppbv	99
76) 1,4-Dichlorobenzene	17.117	146	1044537	8.438	ppbv	98
77) 1,2-Dichlorobenzene	17.799	146	1042860	8.630	ppbv	99
78) Hexachloro-1,3-Butadiene	23.355	225	829111	8.997	ppbv	99
79) Naphthalene	22.175	128	1561635	12.859	ppbv	99
80) Naphthalene,2-methyl-	24.959	142	229387	9.665	ppbv	99
81) 1,2,4-Trichlorobenzene	21.905	180	841876	11.466	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 89
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

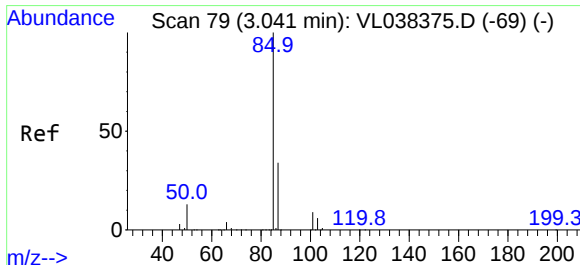
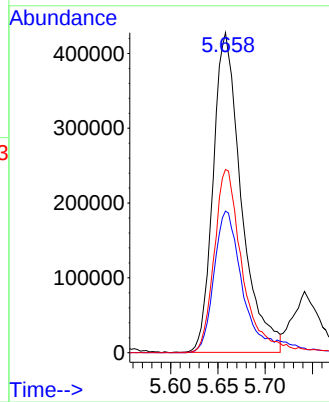
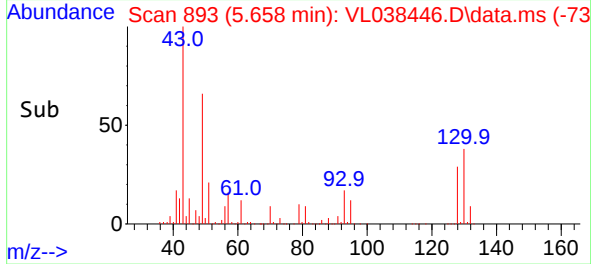
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



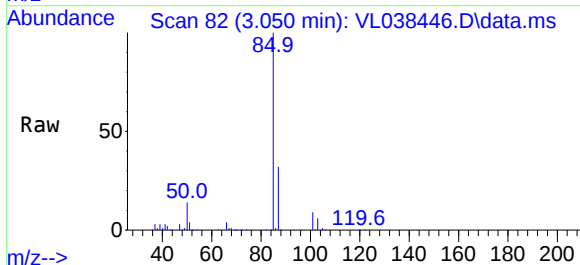
Tgt Ion: 49 Resp: 885220
Ion Ratio Lower Upper
49 100
128 47.8 24.3 72.9
130 58.6 30.1 90.5

Manual Integrations
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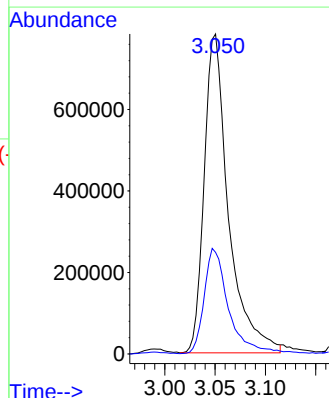
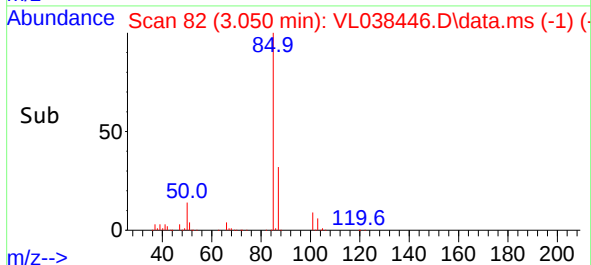
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

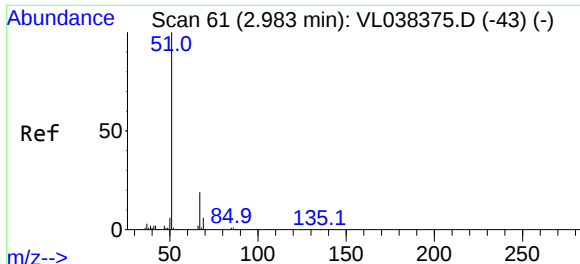


#2
Dichlorodifluoromethane
Concen: 9.407 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



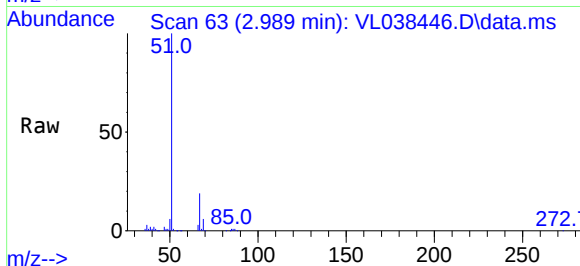
Tgt Ion: 85 Resp: 1319014
Ion Ratio Lower Upper
85 100
87 31.8 27.4 41.0





#3
Chlorodifluoromethane
Concen: 9.990 ppbv
RT: 2.989 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

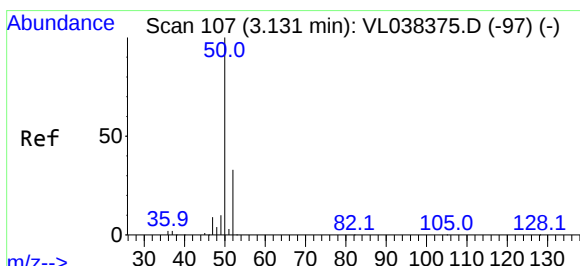
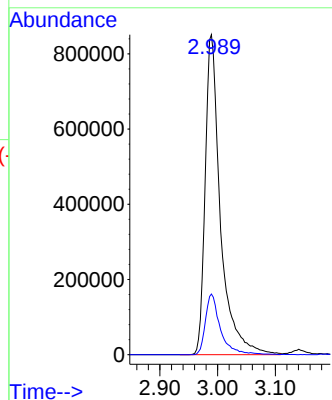
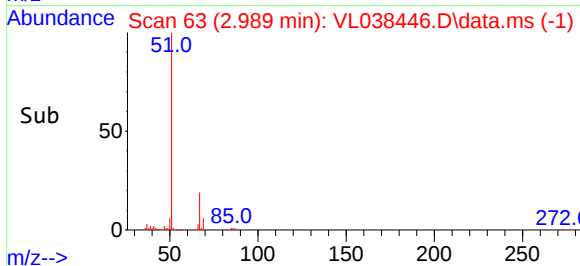
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



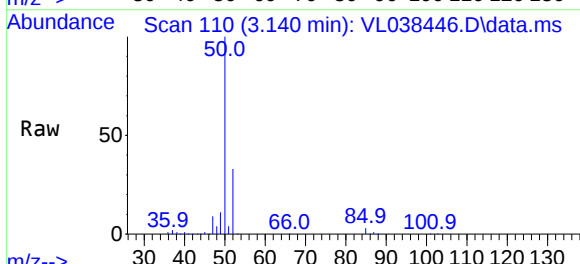
Tgt Ion: 51 Resp: 156152
Ion Ratio Lower Upper
51 100
67 18.8 14.7 22.1

Manual Integrations
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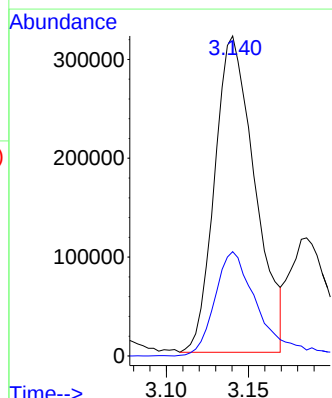
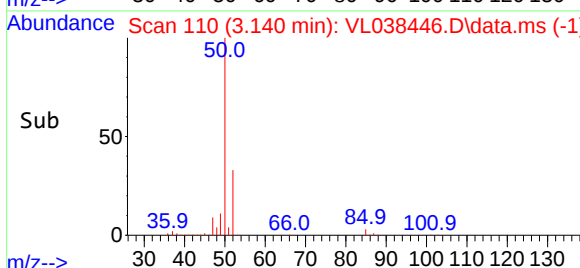
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

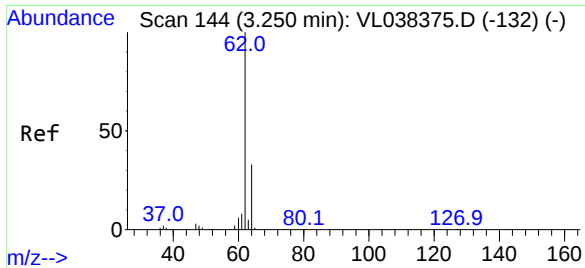


#4
Chloromethane
Concen: 10.055 ppbv
RT: 3.140 min Scan# 110
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



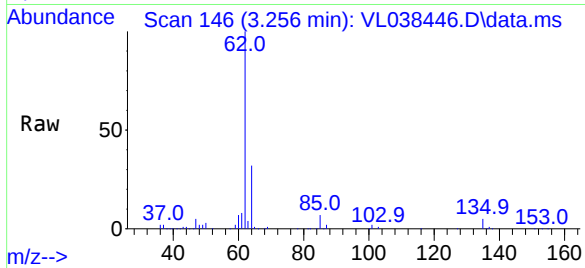
Tgt Ion: 50 Resp: 546118
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.919 ppbv
 RT: 3.256 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VL038446.D
 Acq: 1 Mar 2022 11:31

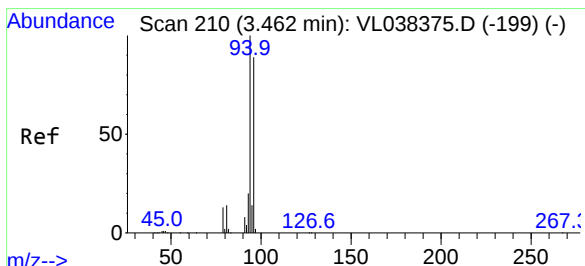
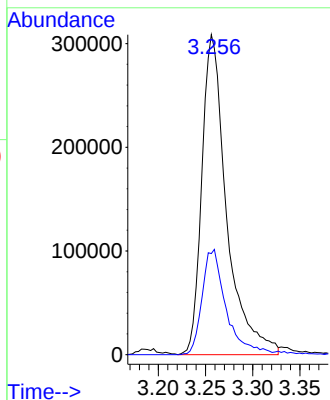
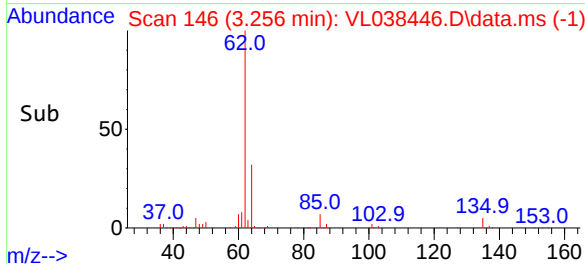
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01



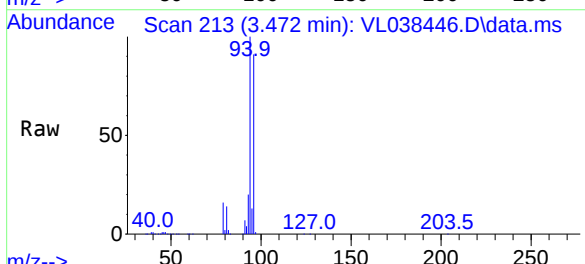
Tgt Ion: 62 Resp: 563184
 Ion Ratio Lower Upper
 62 100
 64 31.6 26.2 39.2

Manual Integrations
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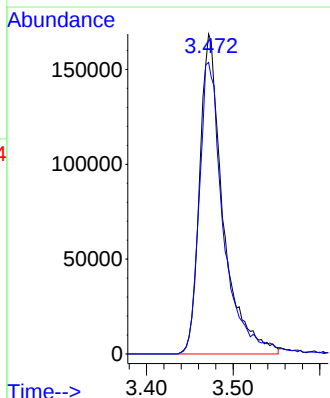
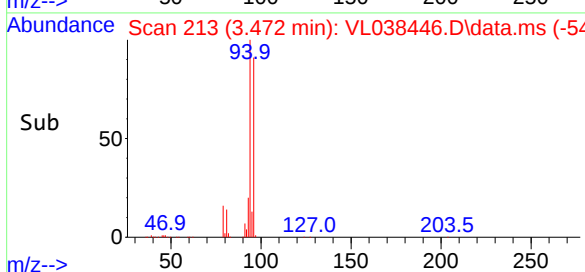
Reviewed By :Semsettin Yesilyurt 03/02/2022
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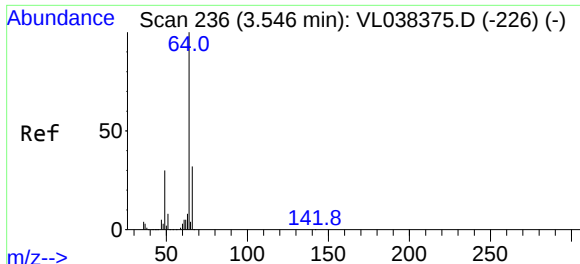


#6
 Bromomethane
 Concen: 10.535 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. 0.010 min
 Lab File: VL038446.D
 Acq: 1 Mar 2022 11:31



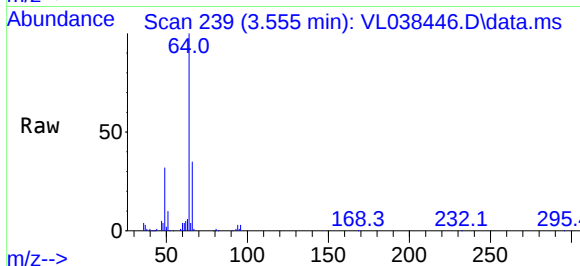
Tgt Ion: 94 Resp: 315532
 Ion Ratio Lower Upper
 94 100
 96 91.1 71.0 106.6





#7
Chloroethane
Concen: 10.796 ppbv
RT: 3.555 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

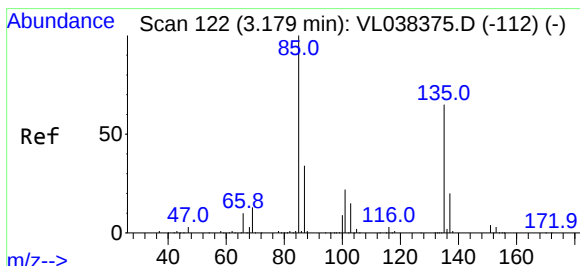
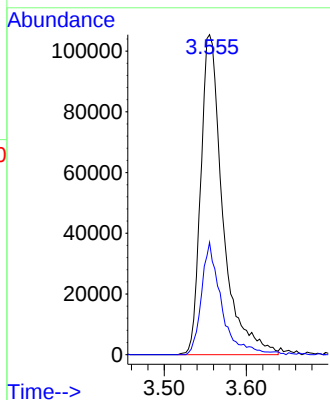
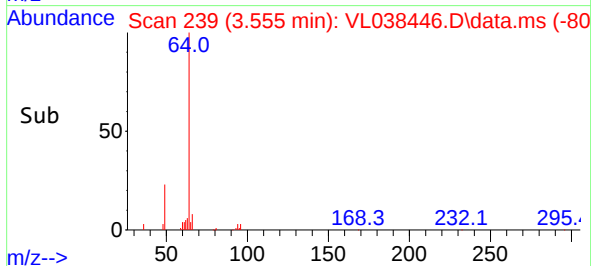
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



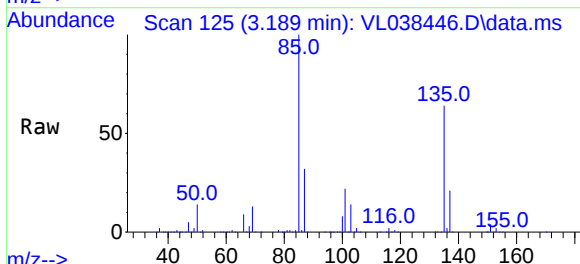
Tgt Ion: 64 Resp: 19688
Ion Ratio Lower Upper
64 100
66 35.1 25.9 38.9

Manual Integrations
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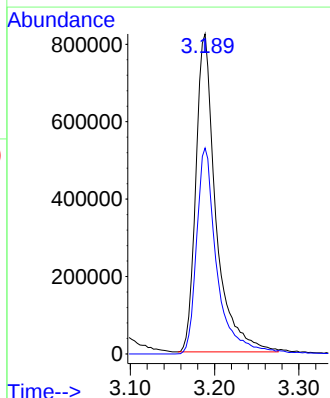
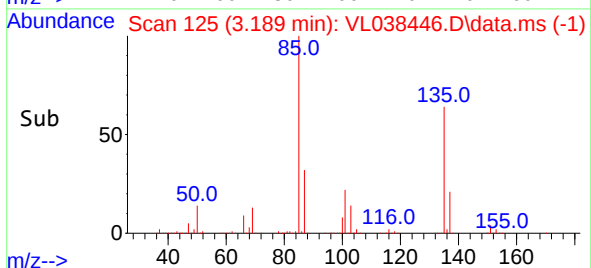
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

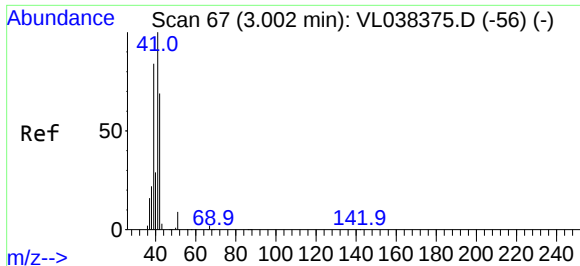


#8
Dichlorotetrafluoroethane
Concen: 10.416 ppbv
RT: 3.189 min Scan# 125
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



Tgt Ion: 85 Resp: 1358450
Ion Ratio Lower Upper
85 100
135 66.6 54.1 81.1





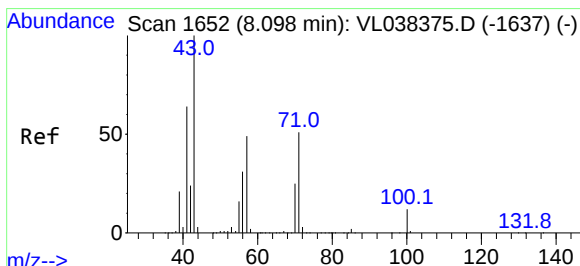
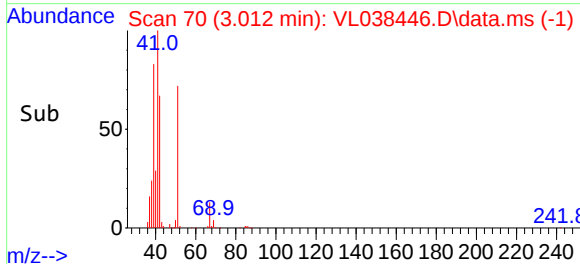
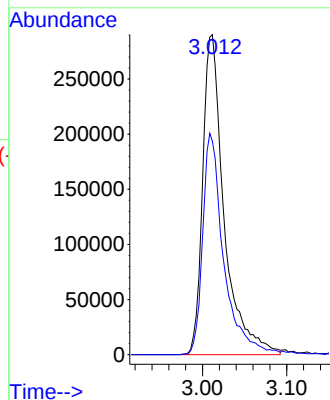
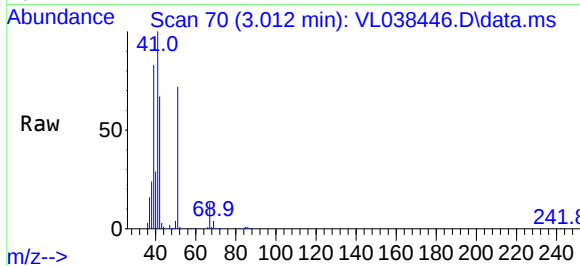
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Propene
Concen: 9.972 ppbv
RT: 3.012 min Scan# 70
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 41 Resp: 514654
Ion Ratio Lower Upper
41 100
42 68.5 54.6 82.0

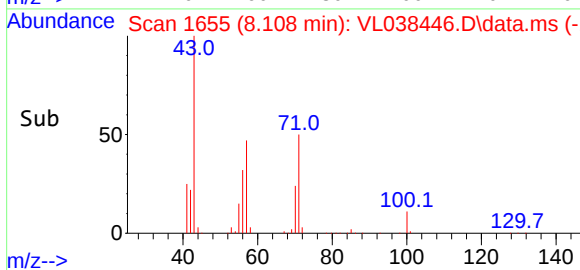
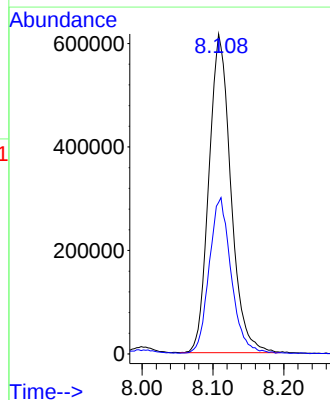
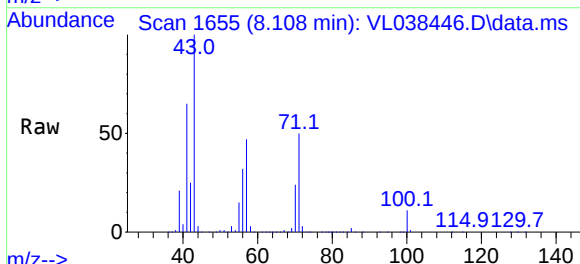
Manual Integrations
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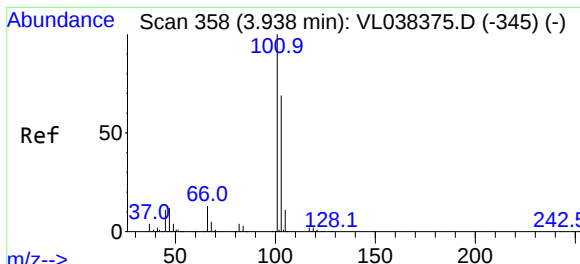
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#10
Heptane
Concen: 10.534 ppbv
RT: 8.108 min Scan# 1655
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Tgt Ion: 43 Resp: 1323386
Ion Ratio Lower Upper
43 100
57 49.8 39.8 59.8





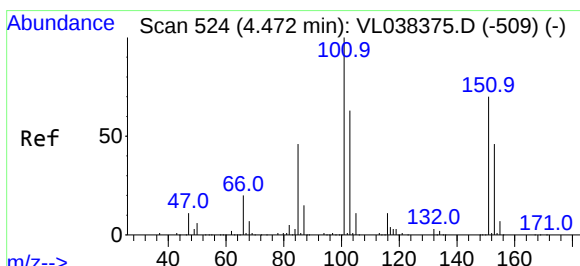
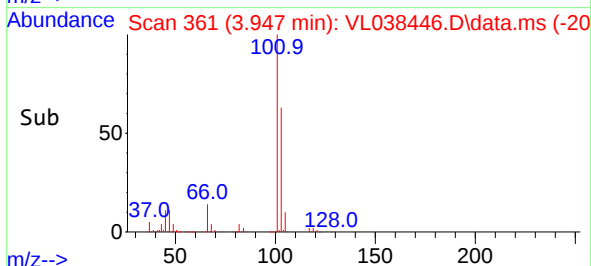
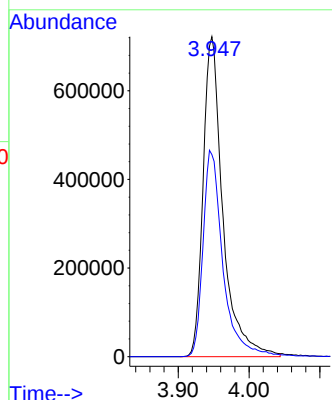
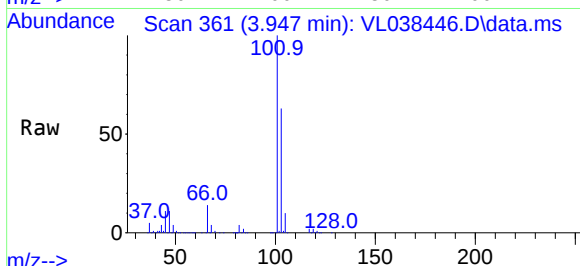
#11
Trichlorofluoromethane
Concen: 10.400 ppbv
RT: 3.947 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion:101 Resp: 139612
Ion Ratio Lower Upper
101 100
103 63.1 55.0 82.4

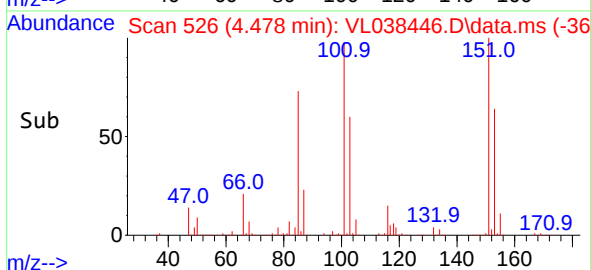
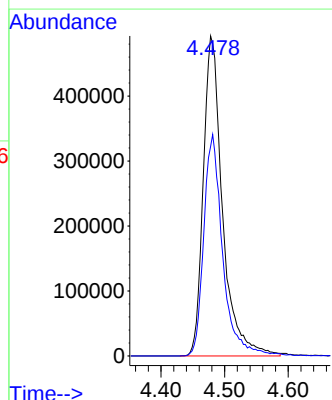
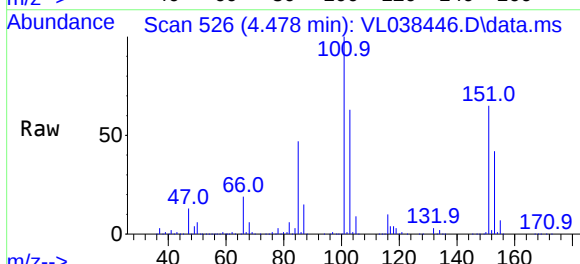
Manual Integrations
APPROVED

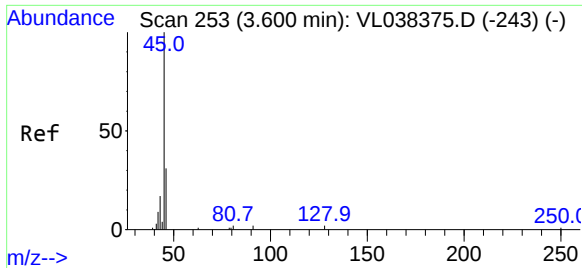
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.502 ppbv
RT: 4.478 min Scan# 526
Delta R.T. 0.006 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

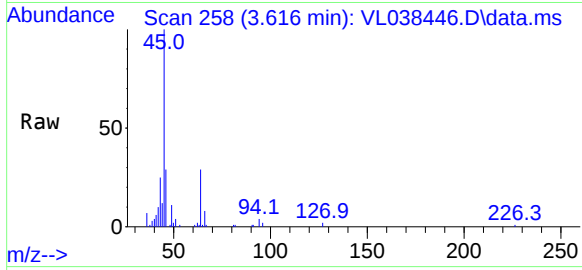
Tgt Ion:101 Resp: 1033547
Ion Ratio Lower Upper
101 100
151 68.5 55.9 83.9





#13
Ethanol
Concen: 8.426 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

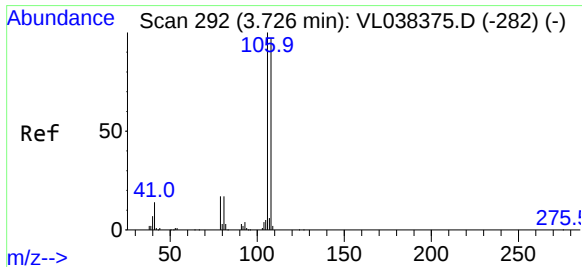
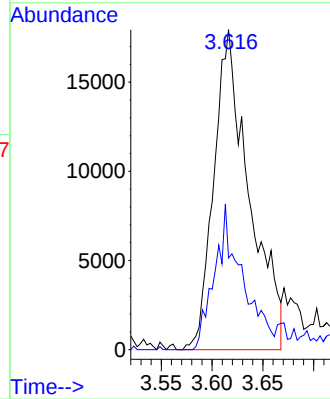
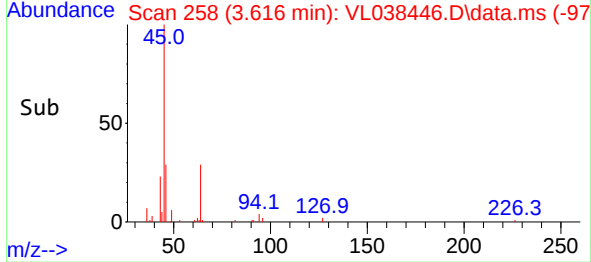
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



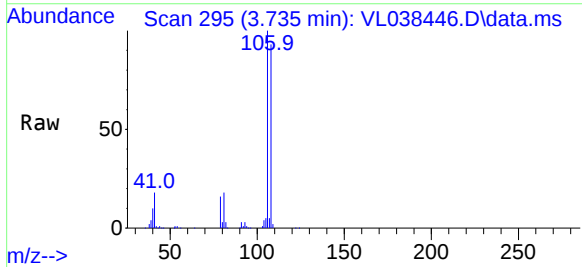
Tgt Ion: 45 Resp: 43399
Ion Ratio Lower Upper
45 100
46 39.1 18.2 72.8

Manual Integrations
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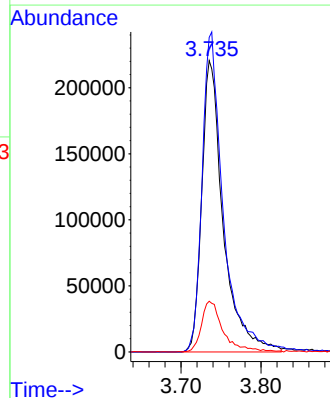
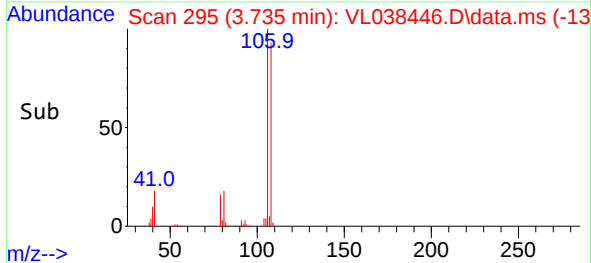
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

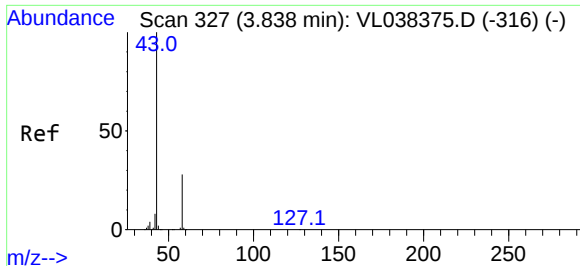


#14
Bromoethene
Concen: 10.504 ppbv
RT: 3.735 min Scan# 295
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



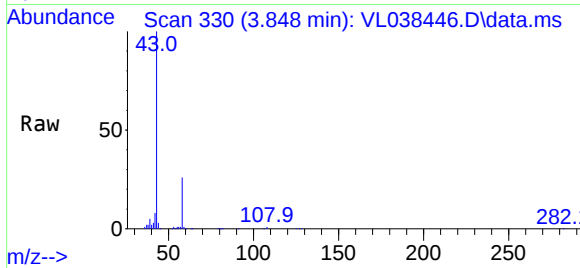
Tgt Ion:108 Resp: 411843
Ion Ratio Lower Upper
108 100
106 109.3 88.4 132.6
79 17.7 15.0 22.6





#15
Acetone
Concen: 9.109 ppbv
RT: 3.848 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

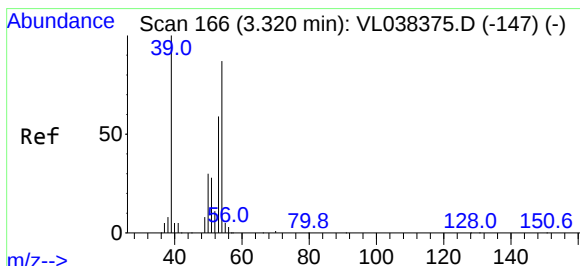
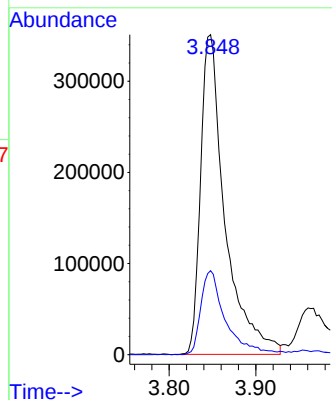
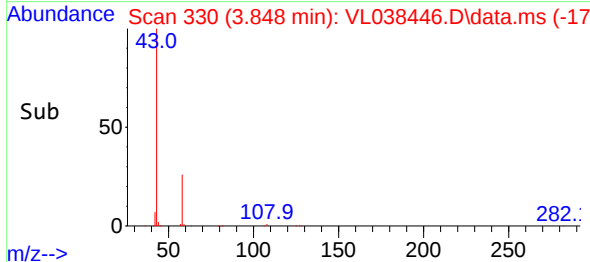
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



Tgt Ion: 43 Resp: 68573
Ion Ratio Lower Upper
43 100
58 26.8 21.7 32.5

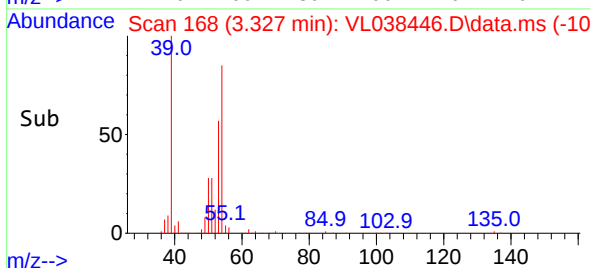
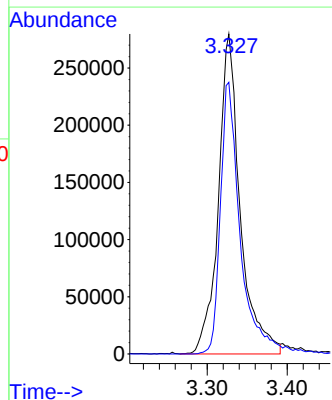
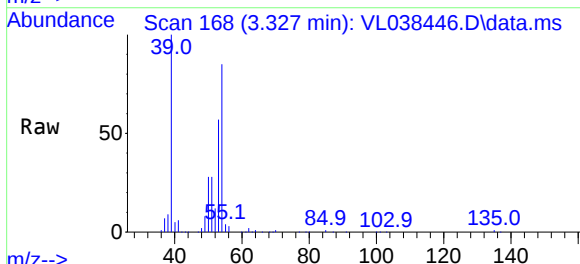
Manual Integrations
APPROVED

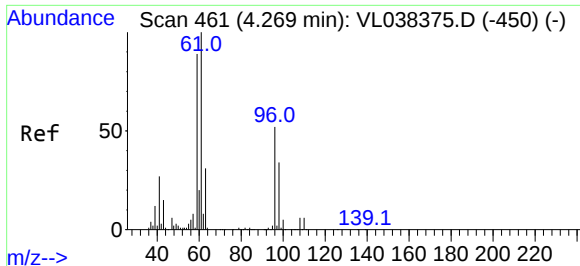
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#16
1,3-Butadiene
Concen: 10.553 ppbv
RT: 3.327 min Scan# 168
Delta R.T. 0.006 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Tgt Ion: 39 Resp: 530645
Ion Ratio Lower Upper
39 100
54 78.0 60.3 90.5





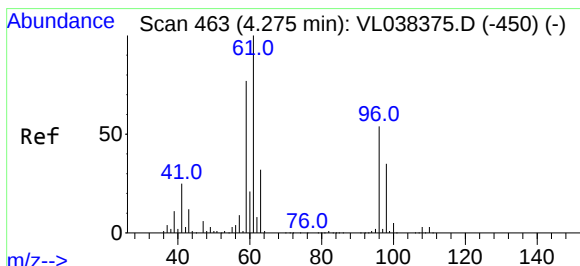
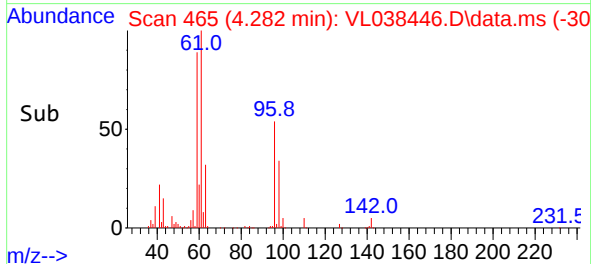
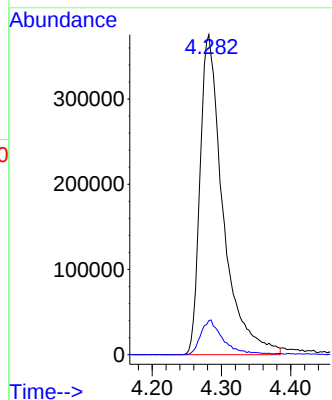
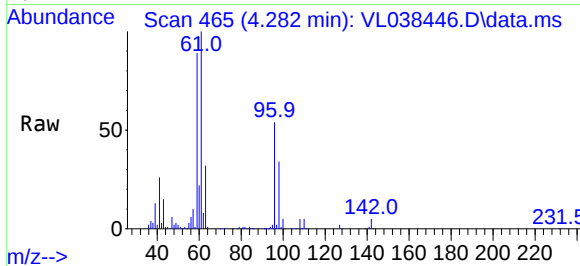
#17
tert-Butyl alcohol
Concen: 11.528 ppbv
RT: 4.282 min Scan# 465
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 59 Resp: 86579
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

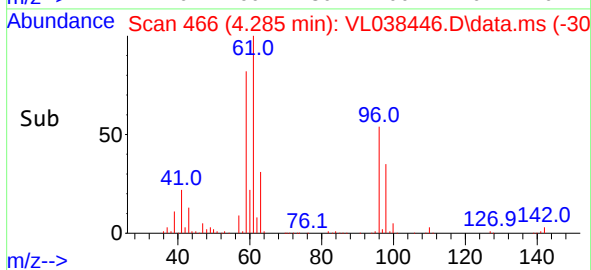
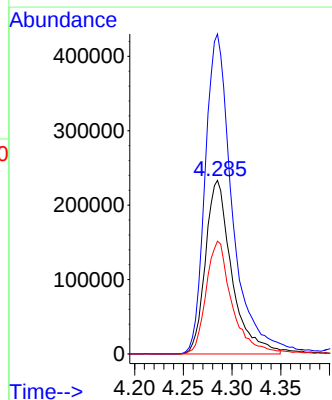
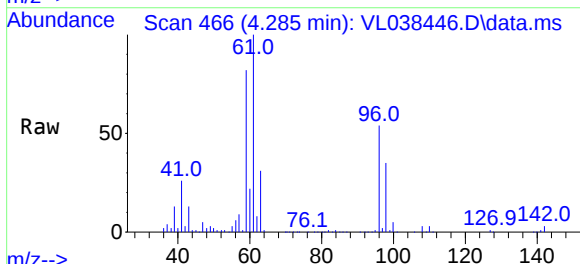
Manual Integrations
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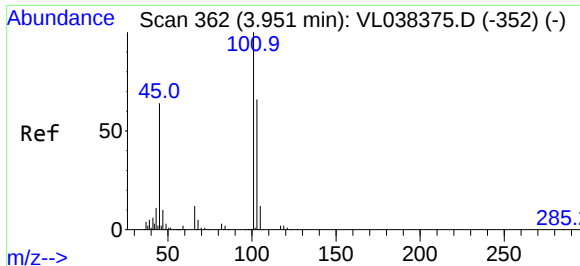
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#18
1,1-Dichloroethene
Concen: 10.130 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

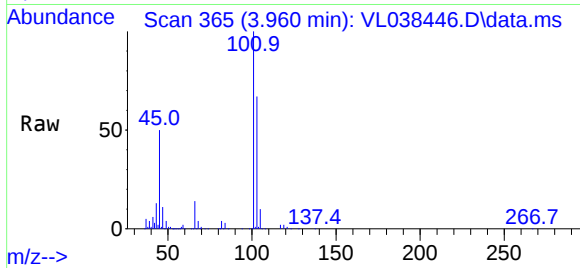
Tgt Ion: 96 Resp: 437717
Ion Ratio Lower Upper
96 100
61 184.2 146.8 220.2
98 65.0 51.5 77.3





#19
Isopropyl Alcohol
Concen: 10.007 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

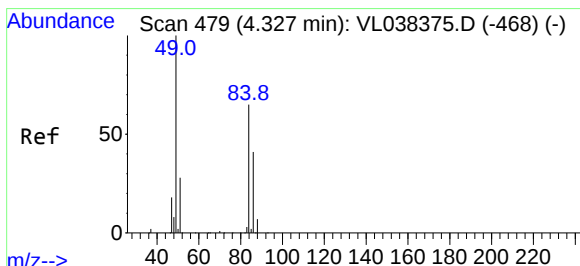
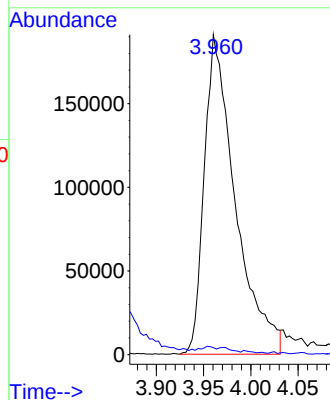
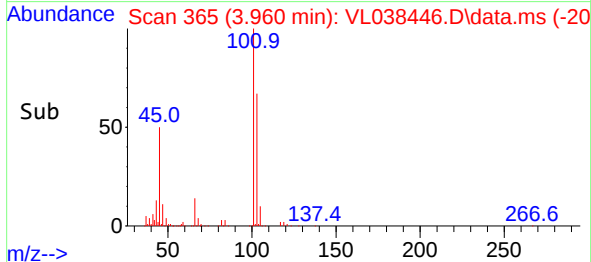
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



Tgt Ion: 45 Resp: 436219
Ion Ratio Lower Upper
45 100
58 1.8 1.8 2.8

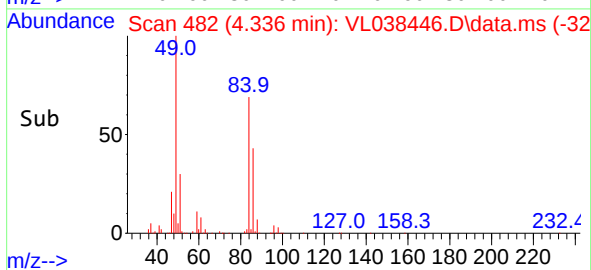
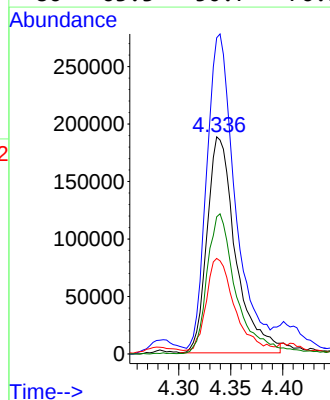
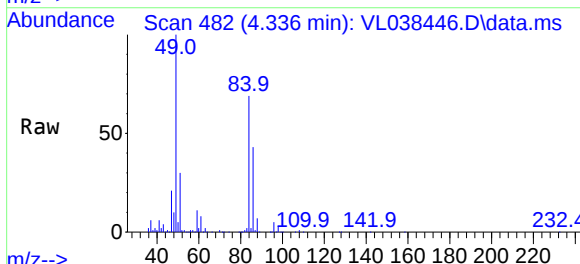
Manual Integrations
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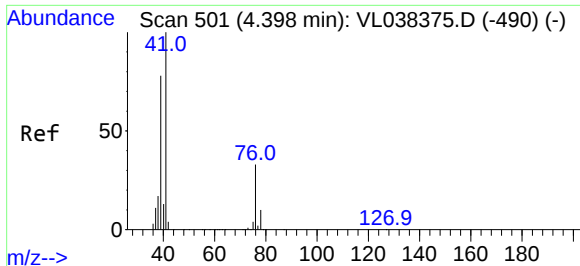
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#20
Methylene Chloride
Concen: 9.637 ppbv
RT: 4.336 min Scan# 482
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Tgt Ion: 84 Resp: 359465
Ion Ratio Lower Upper
84 100
49 142.9 122.4 183.6
51 42.4 33.3 49.9
86 63.3 50.7 76.1





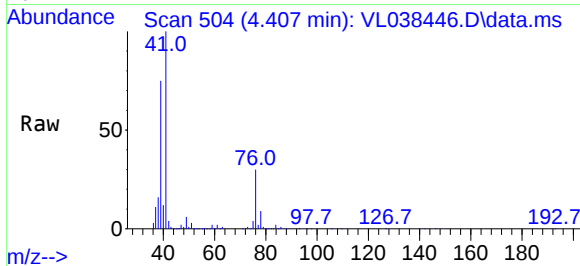
#21
 Allyl Chloride
 Concen: 10.156 ppbv
 RT: 4.407 min Scan# 501
 Delta R.T. 0.010 min
 Lab File: VL038446.D
 Acq: 1 Mar 2022 11:31

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

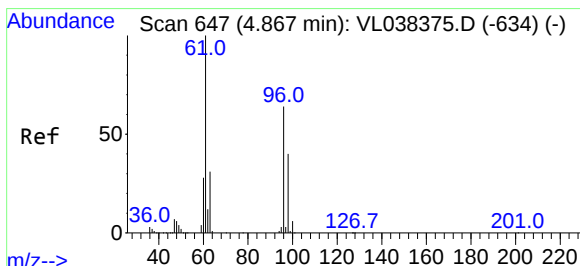
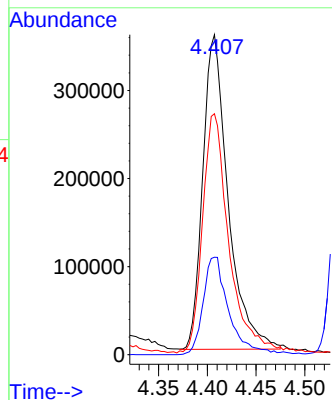
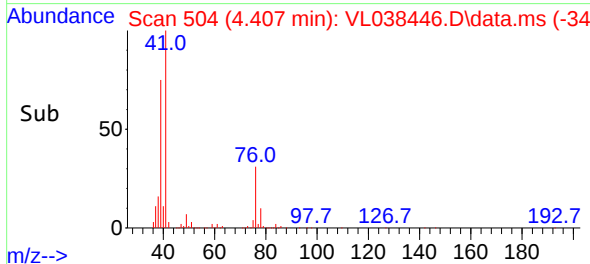


Tgt Ion: 41 Resp: 64576
 Ion Ratio Lower Upper
 41 100
 76 31.6 25.4 38.0
 39 80.6 63.0 94.6

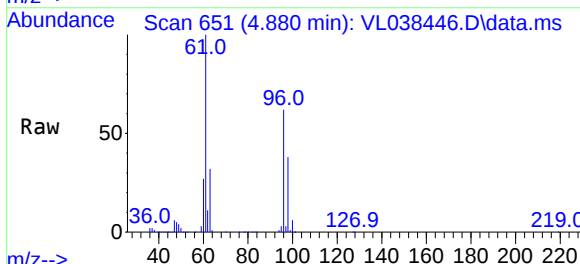
Manual Integrations

APPROVED

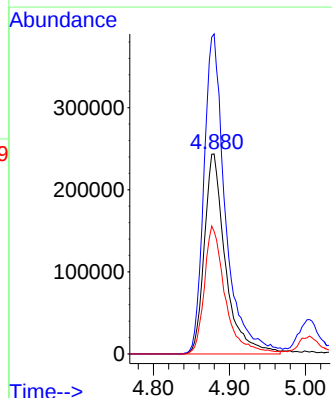
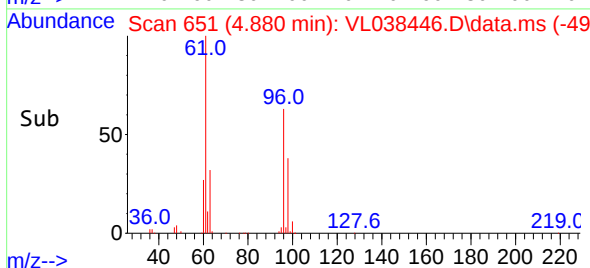
Reviewed By :Semsettin Yesilyurt 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022

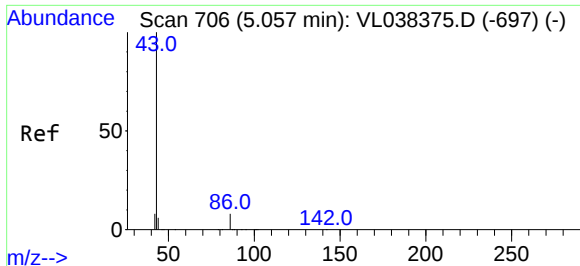


#22
 trans-1,2-Dichloroethene
 Concen: 10.806 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. 0.013 min
 Lab File: VL038446.D
 Acq: 1 Mar 2022 11:31



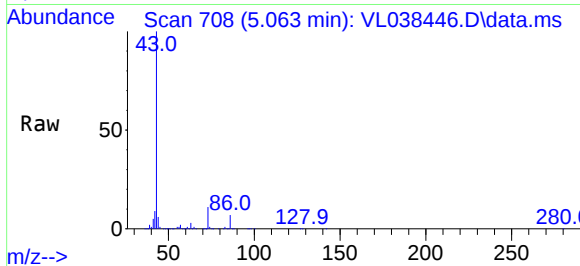
Tgt Ion: 96 Resp: 471089
 Ion Ratio Lower Upper
 96 100
 61 160.0 124.2 186.4
 98 61.3 49.1 73.7





#23
 Vinyl Acetate
 Concen: 10.333 ppbv
 RT: 5.063 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VL038446.D
 Acq: 1 Mar 2022 11:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01

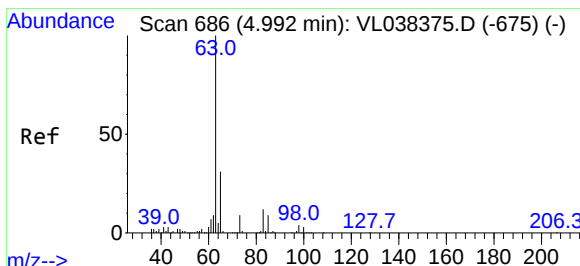
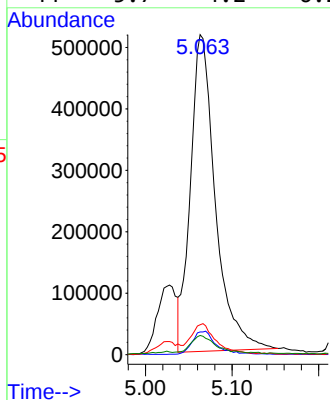
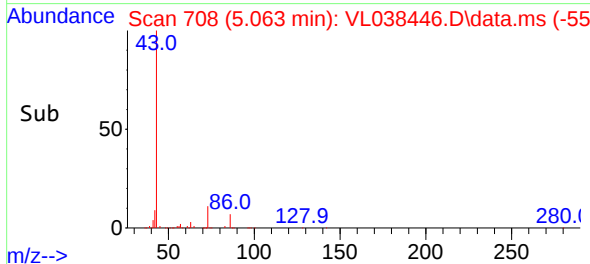


Tgt Ion: 43 Resp: 1030849

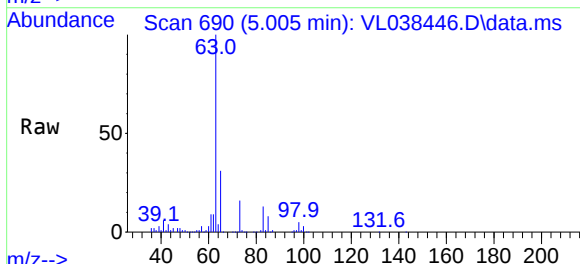
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.8	8.6
42	9.3	7.4	11.0
44	5.7	4.2	6.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022

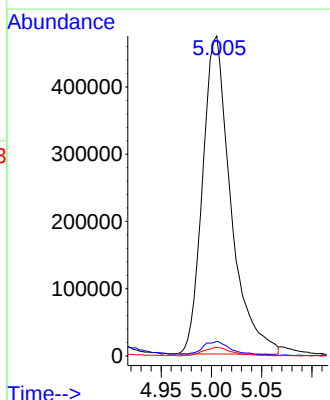
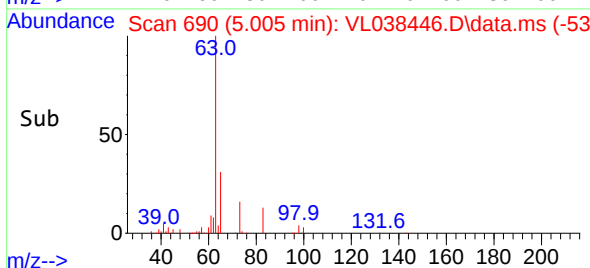


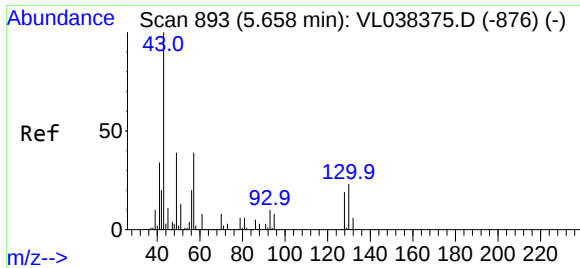
#24
 1,1-Dichloroethane
 Concen: 10.291 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. 0.013 min
 Lab File: VL038446.D
 Acq: 1 Mar 2022 11:31



Tgt Ion: 63 Resp: 922956

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.5
100	2.6	1.4	4.2





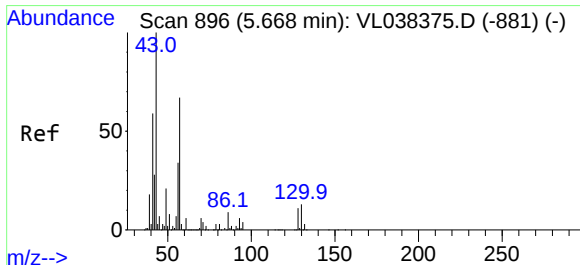
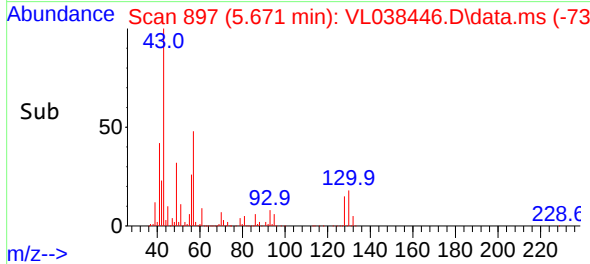
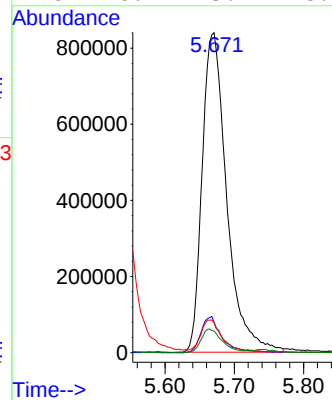
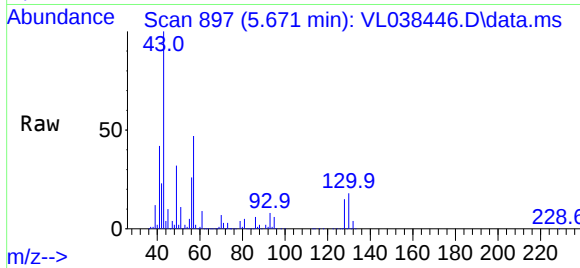
#25
Ethyl Acetate
Concen: 10.225 ppbv
RT: 5.671 min Scan# 891
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 43 Resp: 2068030
Ion Ratio Lower Upper
43 100
45 9.7 7.8 11.6
61 9.5 7.5 11.3
70 6.4 5.4 8.0

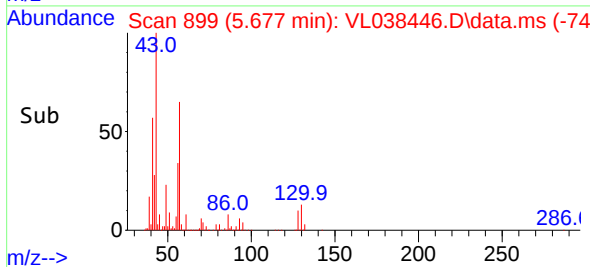
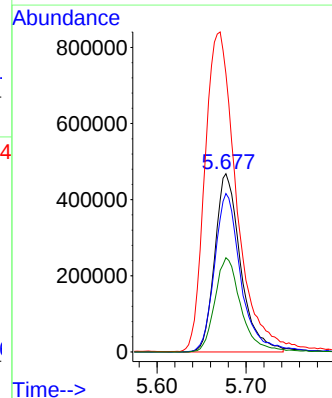
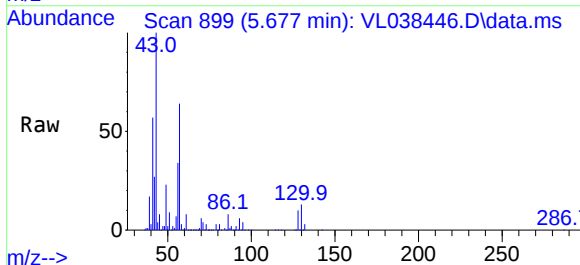
Manual Integrations
APPROVED

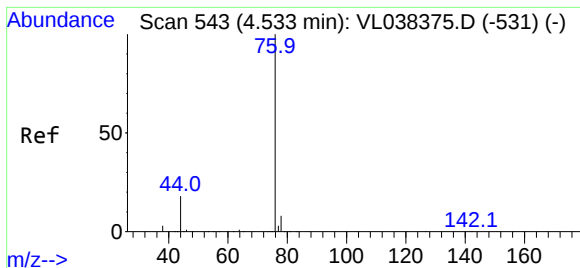
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#26
Hexane
Concen: 10.260 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

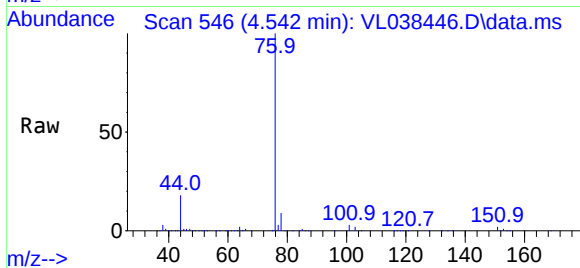
Tgt Ion: 57 Resp: 939722
Ion Ratio Lower Upper
57 100
41 92.5 73.1 109.7
43 223.3 181.0 271.4
56 54.3 43.4 65.0





#27
Carbon Disulfide
Concen: 10.907 ppbv
RT: 4.542 min Scan# 543
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

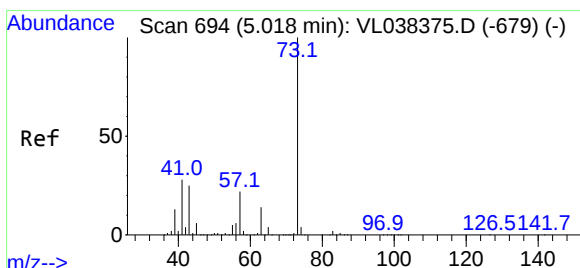
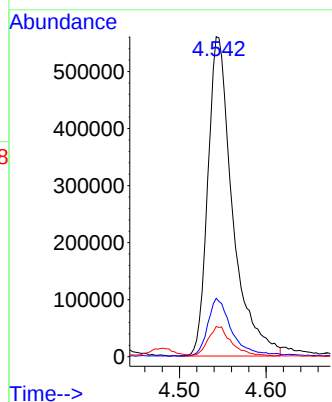
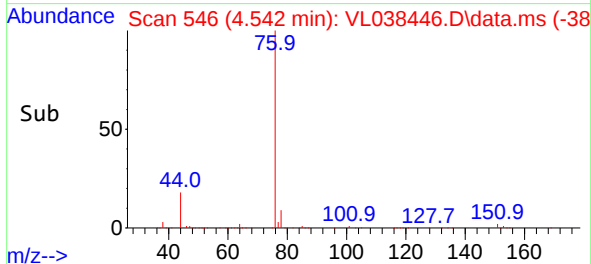
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



Tgt Ion: 76 Resp: 1111160
Ion Ratio Lower Upper
76 100
44 18.0 14.2 21.2
78 9.3 7.8 11.6

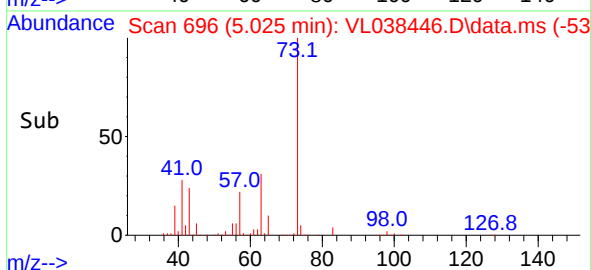
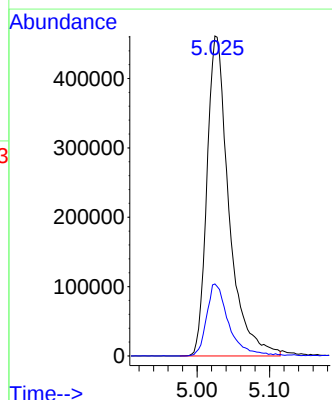
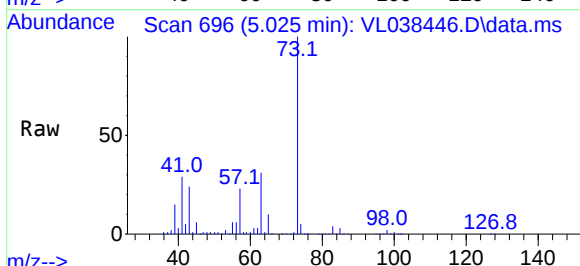
Manual Integrations
APPROVED

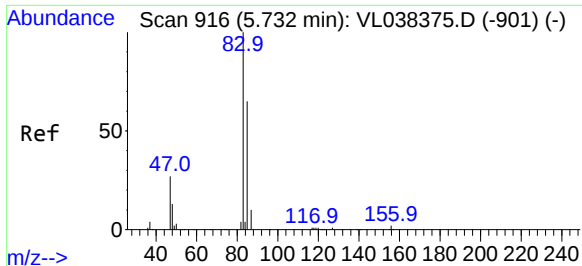
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#28
Methyl tert-Butyl Ether
Concen: 10.422 ppbv
RT: 5.025 min Scan# 696
Delta R.T. 0.006 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Tgt Ion: 73 Resp: 972207
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4





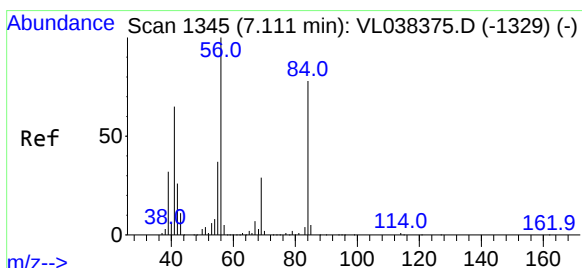
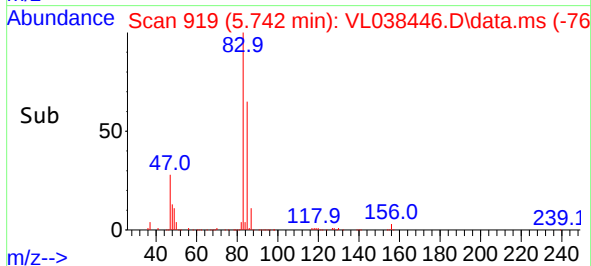
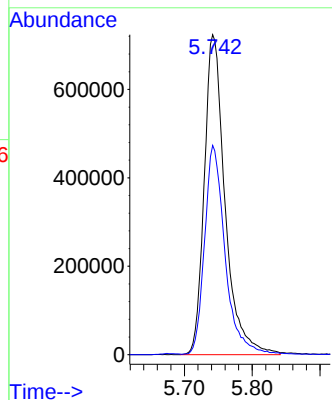
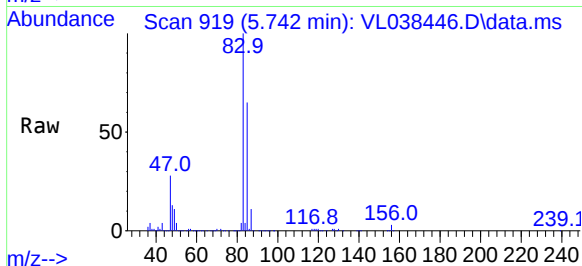
#29
Chloroform
Concen: 10.311 ppbv
RT: 5.742 min Scan# 916
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 83 Resp: 154140
Ion Ratio Lower Upper
83 100
85 65.2 51.6 77.4

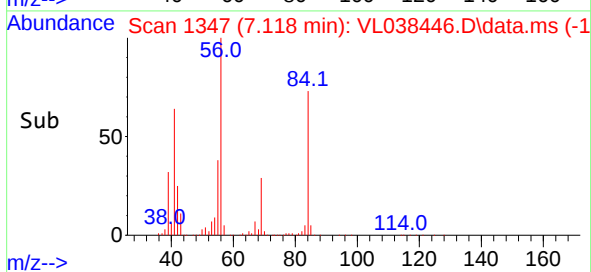
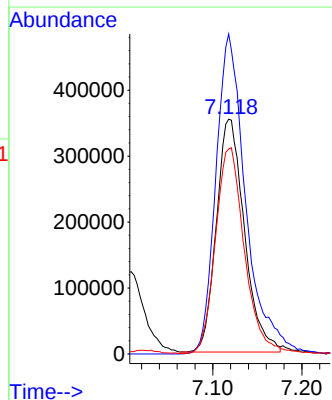
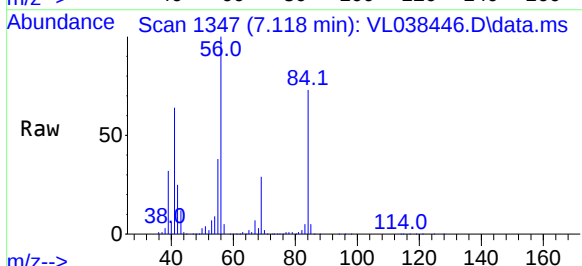
Manual Integrations
APPROVED

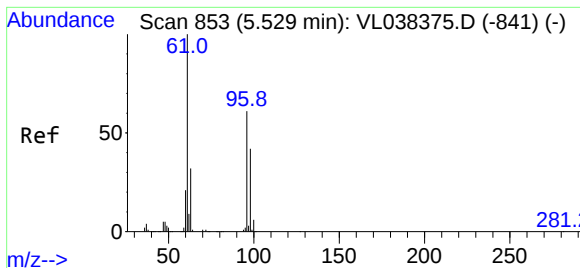
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#30
Cyclohexane
Concen: 10.338 ppbv
RT: 7.118 min Scan# 1347
Delta R.T. 0.006 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

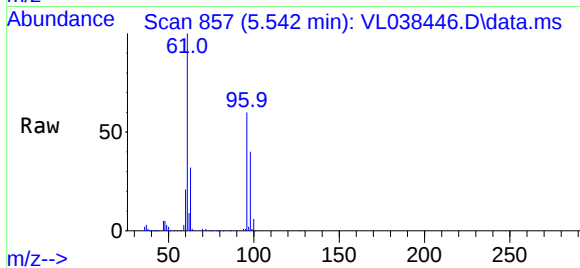
Tgt Ion: 84 Resp: 774337
Ion Ratio Lower Upper
84 100
56 146.7 116.2 174.4
41 92.1 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 10.419 ppbv
RT: 5.542 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

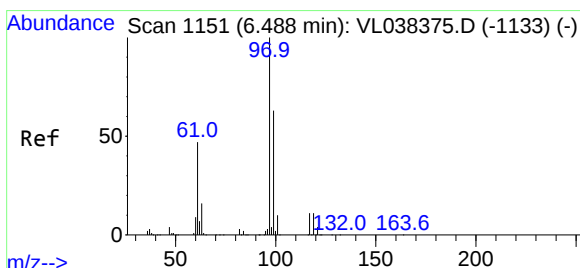
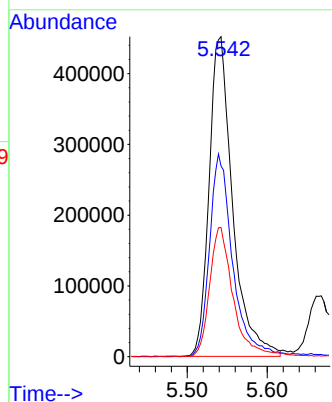
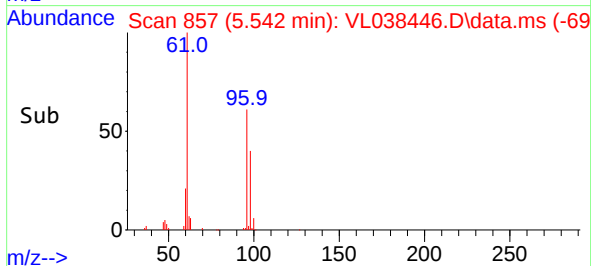
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



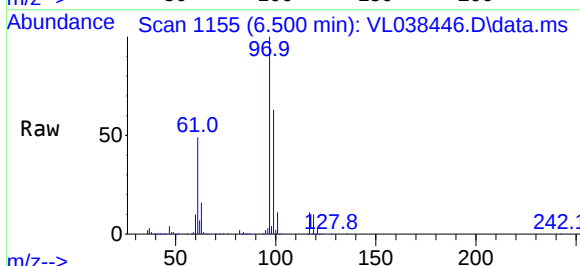
Tgt Ion: 61 Resp: 924520
Ion Ratio Lower Upper
61 100
96 59.6 48.6 73.0
98 40.5 33.2 49.8

Manual Integrations
APPROVED

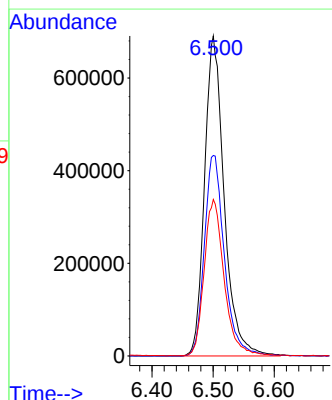
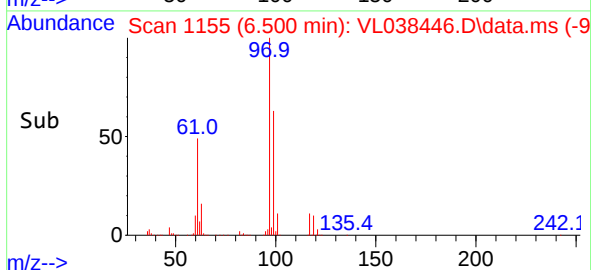
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

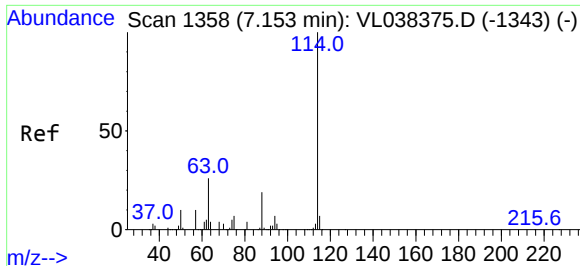


#32
1,1,1-Trichloroethane
Concen: 10.244 ppbv
RT: 6.500 min Scan# 1155
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



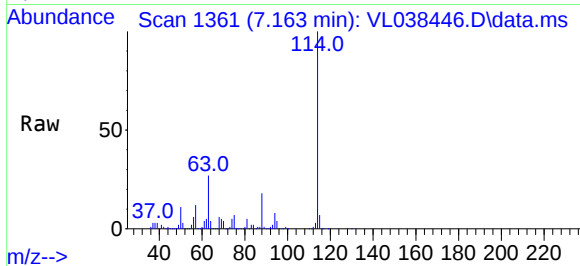
Tgt Ion: 97 Resp: 1539931
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 50.1 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

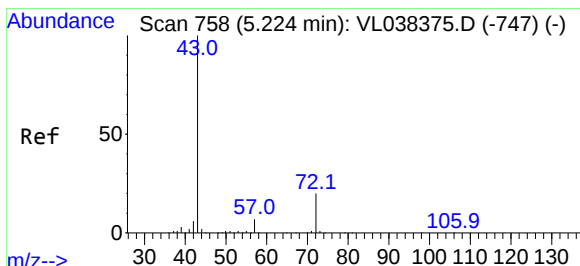
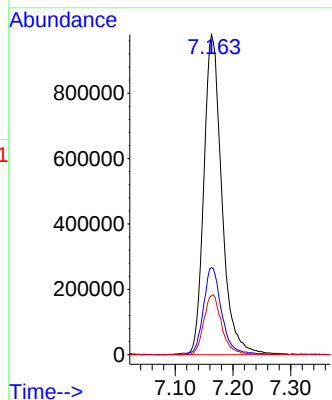
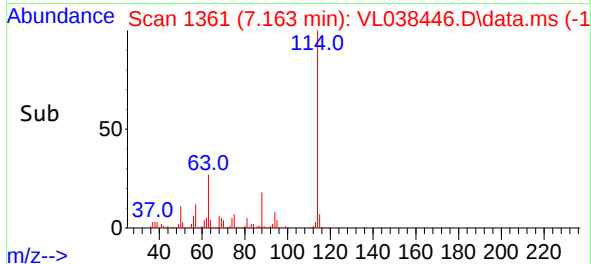
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



Tgt Ion: 114 Resp: 211550
Ion Ratio Lower Upper
114 100
63 28.1 22.2 33.2
88 18.8 15.2 22.8

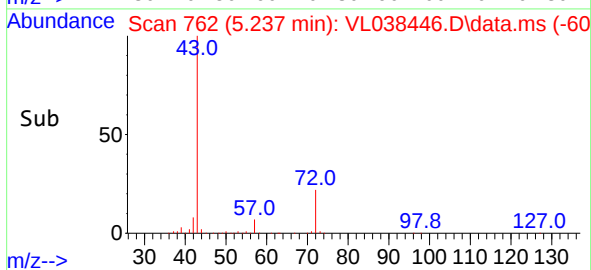
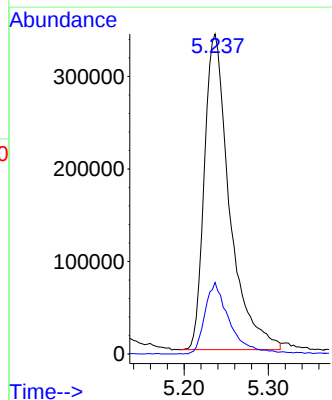
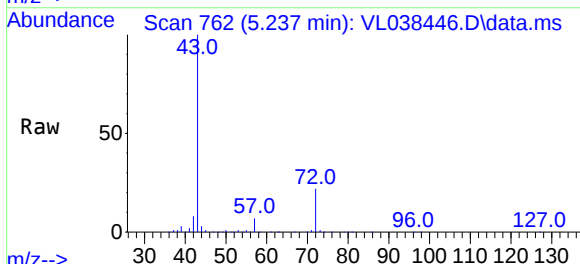
Manual Integrations
APPROVED

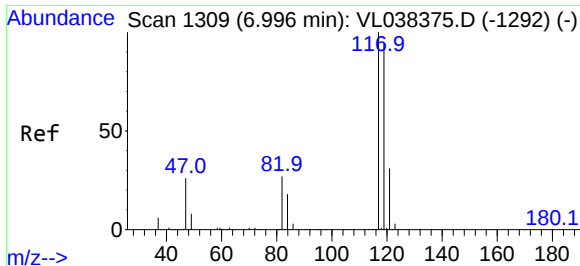
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#34
2-Butanone
Concen: 10.685 ppbv
RT: 5.237 min Scan# 762
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

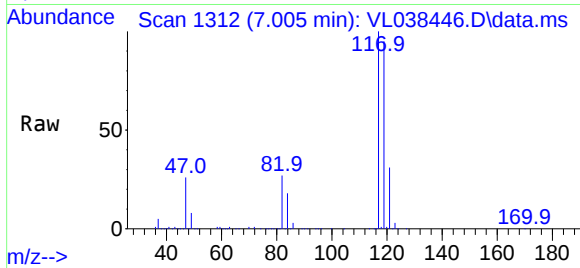
Tgt Ion: 43 Resp: 710933
Ion Ratio Lower Upper
43 100
72 22.7 17.4 26.2





#35
Carbon Tetrachloride
Concen: 10.715 ppbv
RT: 7.005 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

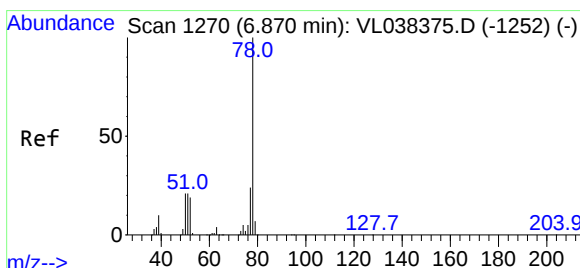
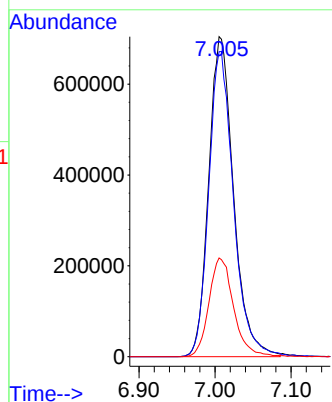
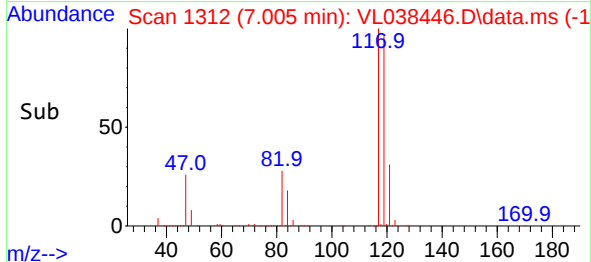
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



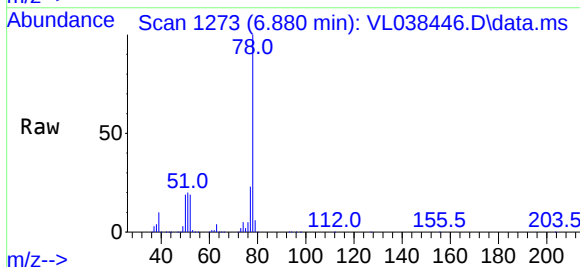
Tgt Ion:117 Resp: 1593984
Ion Ratio Lower Upper
117 100
119 95.3 74.9 112.3
121 30.8 24.8 37.2

Manual Integrations
APPROVED

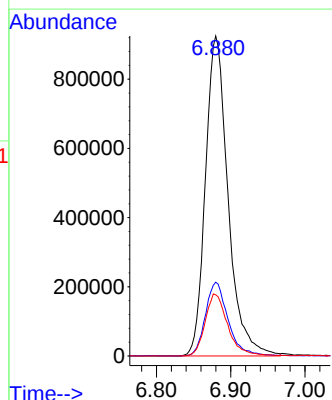
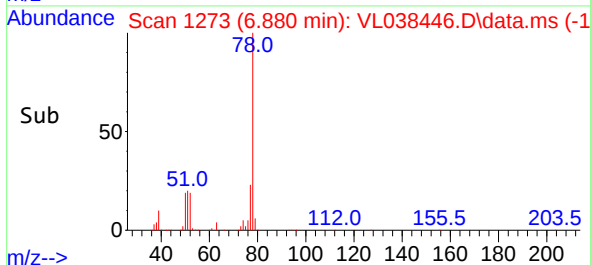
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

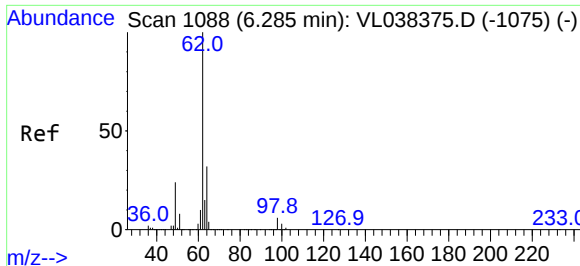


#36
Benzene
Concen: 10.516 ppbv
RT: 6.880 min Scan# 1273
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



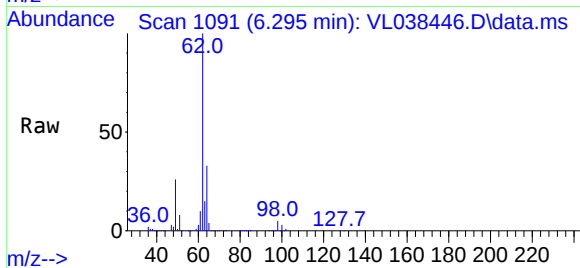
Tgt Ion: 78 Resp: 1958473
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6
50 19.1 16.6 24.8





#37
1,2-Dichloroethane
Concen: 10.734 ppbv
RT: 6.295 min Scan# 1091
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

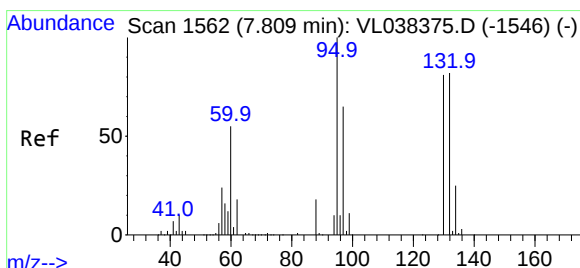
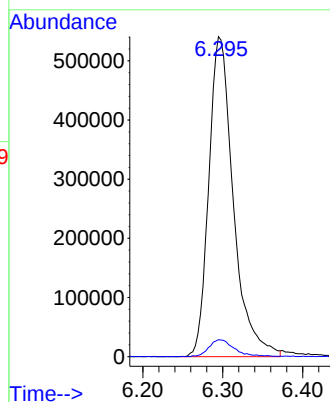
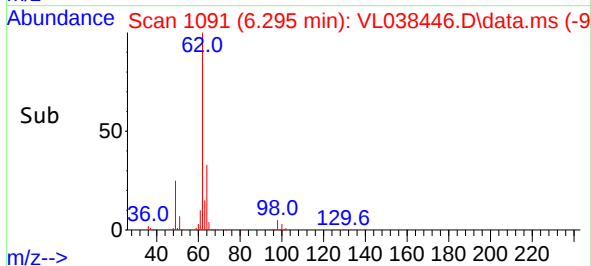
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



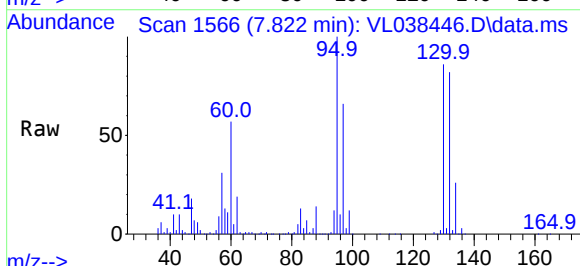
Tgt Ion: 62 Resp: 1155230
Ion Ratio Lower Upper
62 100
98 5.7 4.6 7.0

Manual Integrations
APPROVED

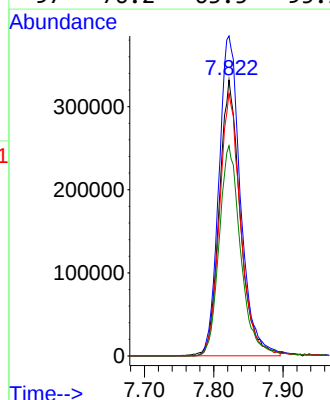
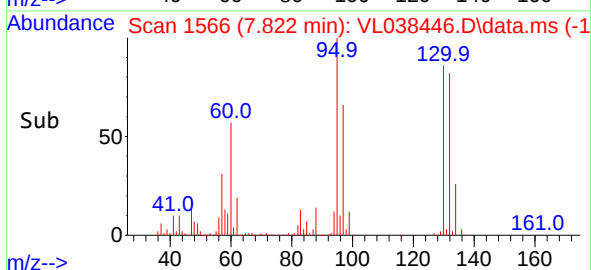
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

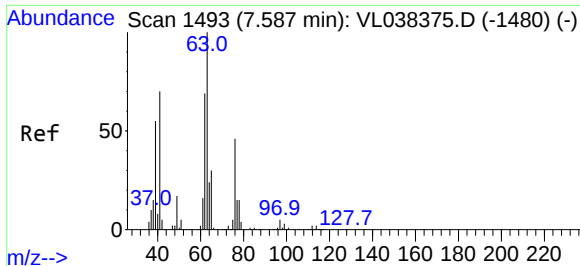


#38
Trichloroethene
Concen: 10.296 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



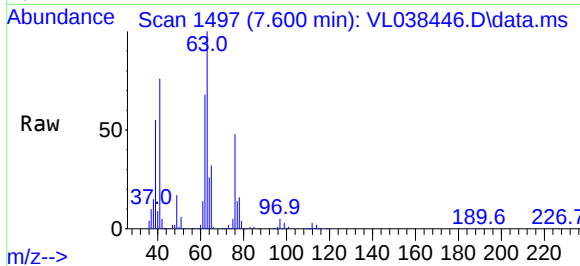
Tgt Ion:130 Resp: 698453
Ion Ratio Lower Upper
130 100
95 116.0 98.1 147.1
132 95.2 80.3 120.5
97 76.2 63.5 95.3





#39
1,2-Dichloropropane
Concen: 10.394 ppbv
RT: 7.600 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

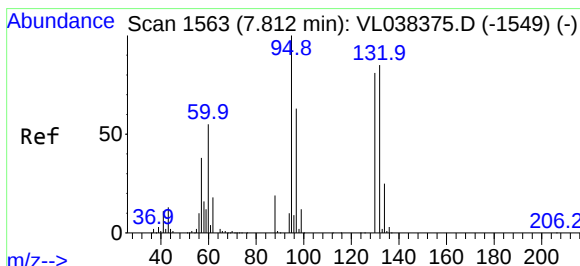
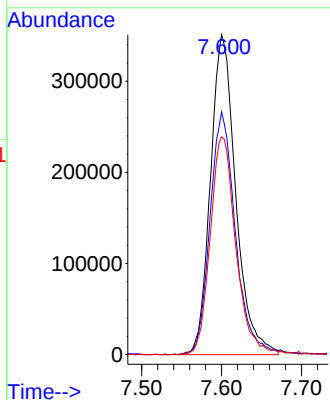
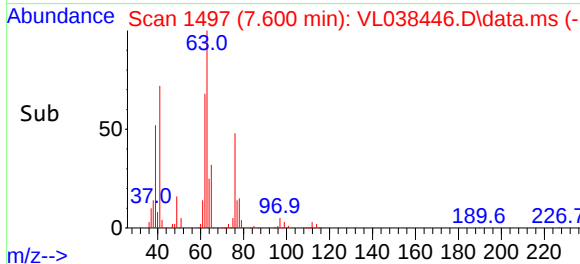
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



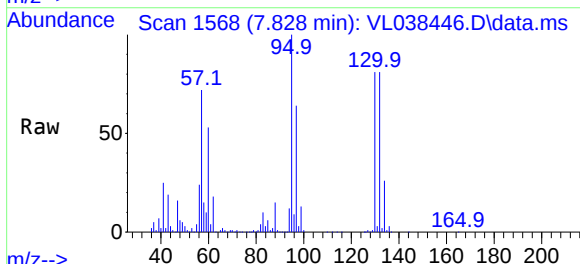
Tgt Ion: 63 Resp: 770992
Ion Ratio Lower Upper
63 100
41 75.8 56.1 84.1
62 68.0 55.5 83.3

Manual Integrations
APPROVED

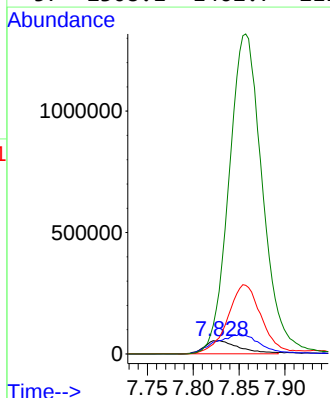
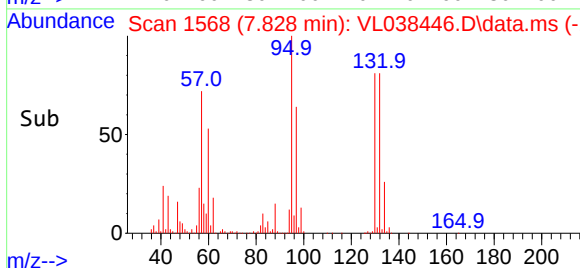
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

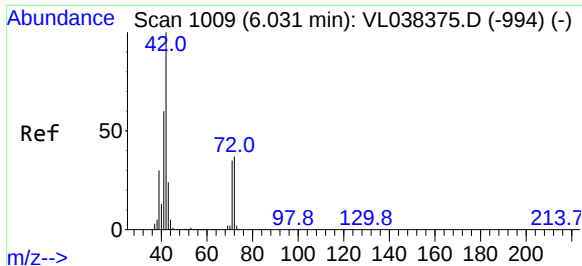


#40
1,4-Dioxane
Concen: 8.295 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. 0.016 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



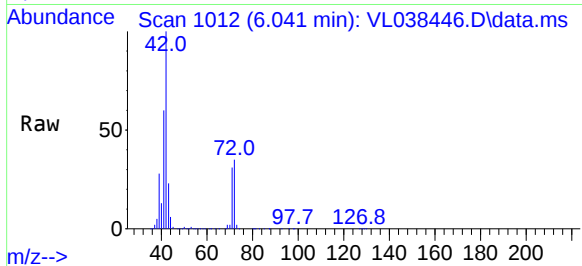
Tgt Ion: 88 Resp: 145955
Ion Ratio Lower Upper
88 100
58 192.7 133.2 199.8
43 523.9 330.6 496.0#
57 2308.1 1462.7 2194.1#





#41
Tetrahydrofuran
Concen: 10.826 ppbv
RT: 6.041 min Scan# 1009
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

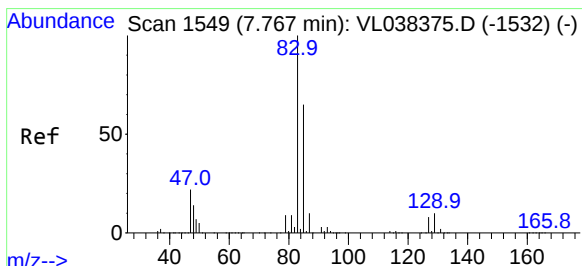
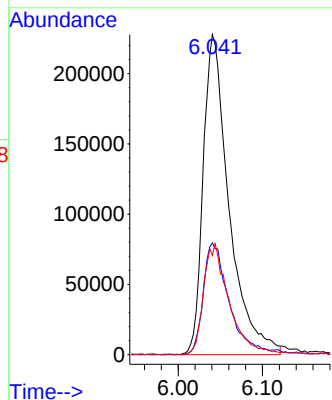
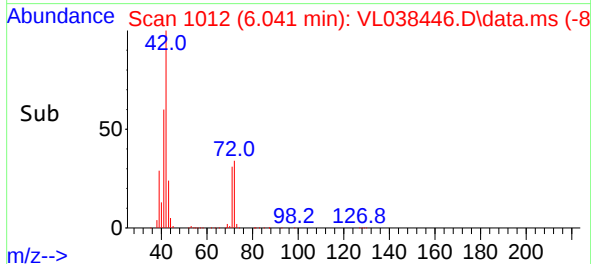
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



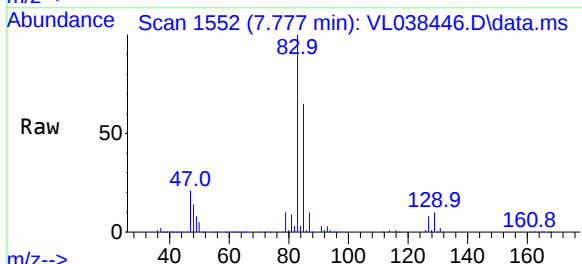
Tgt Ion: 42 Resp: 486662
Ion Ratio Lower Upper
42 100
72 36.0 29.9 44.9
71 34.7 28.6 42.8

Manual Integrations
APPROVED

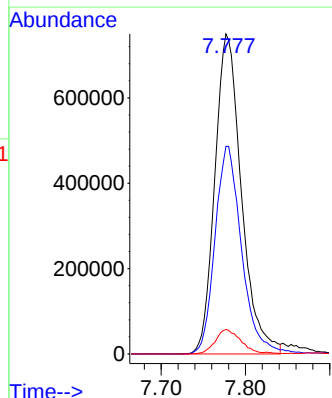
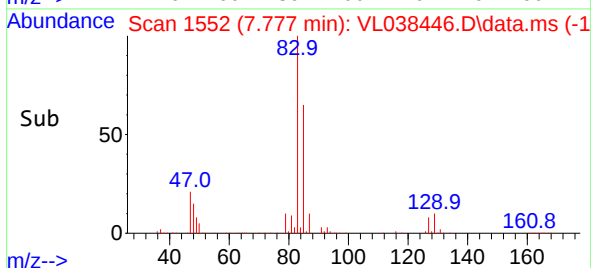
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

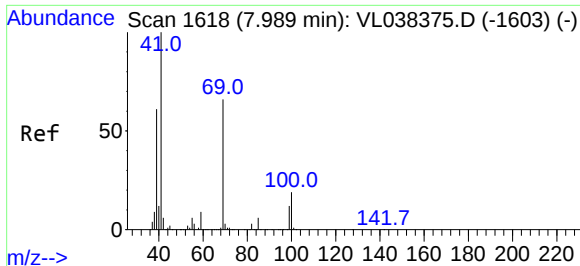


#42
Bromodichloromethane
Concen: 10.559 ppbv
RT: 7.777 min Scan# 1552
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



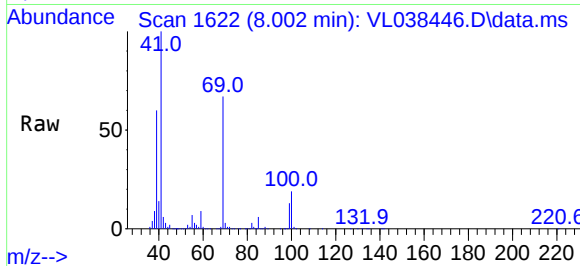
Tgt Ion: 83 Resp: 1640879
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4
127 7.6 6.2 9.4





#43
Methyl Methacrylate
Concen: 11.171 ppbv
RT: 8.002 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

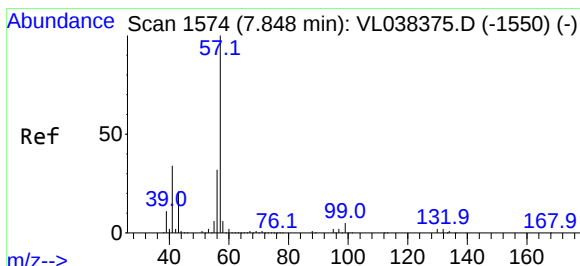
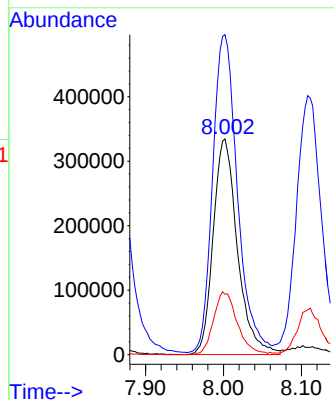
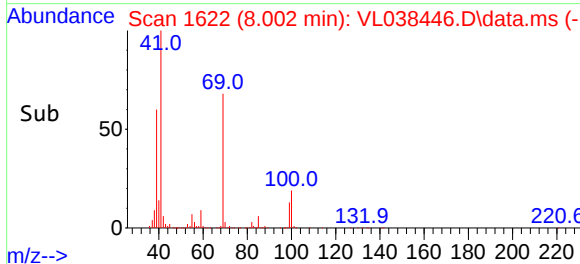
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



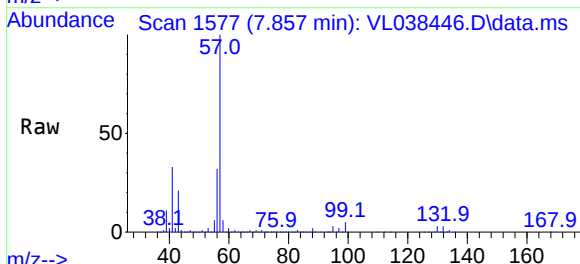
Tgt Ion: 69 Resp: 72321
Ion Ratio Lower Upper
69 100
41 152.2 122.9 184.3
100 28.9 23.6 35.4

Manual Integrations
APPROVED

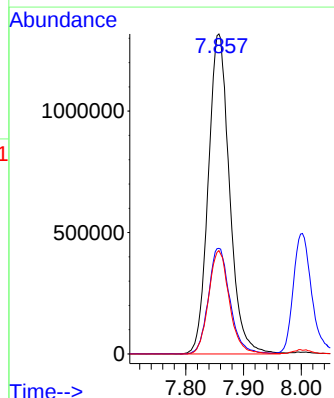
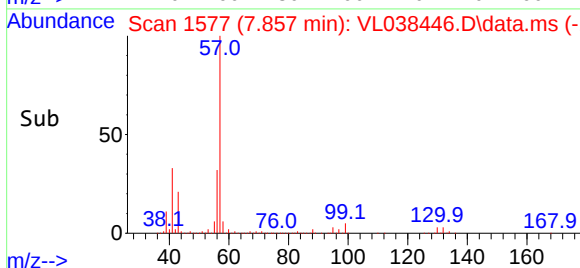
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

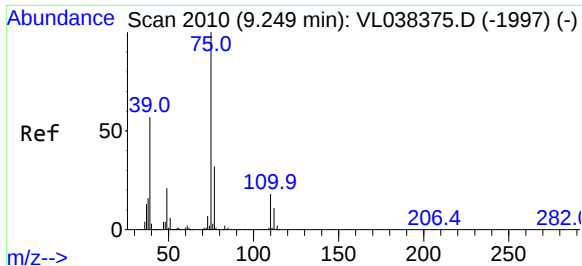


#44
2,2,4-Trimethylpentane
Concen: 10.518 ppbv
RT: 7.857 min Scan# 1577
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



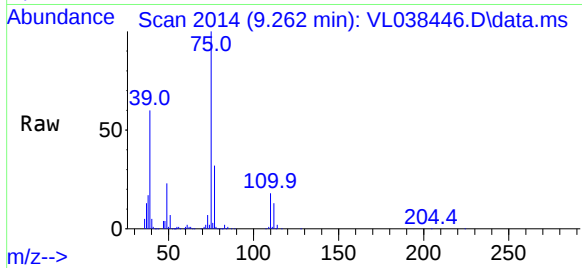
Tgt Ion: 57 Resp: 3366897
Ion Ratio Lower Upper
57 100
41 33.5 26.6 39.8
56 31.7 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 11.312 ppbv
RT: 9.262 min Scan# 2014
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

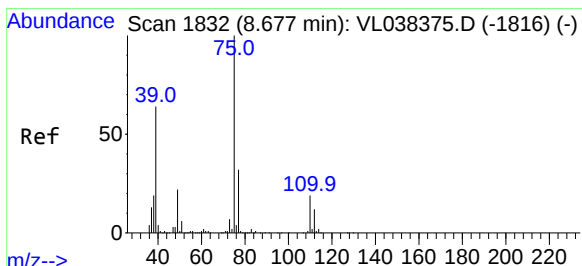
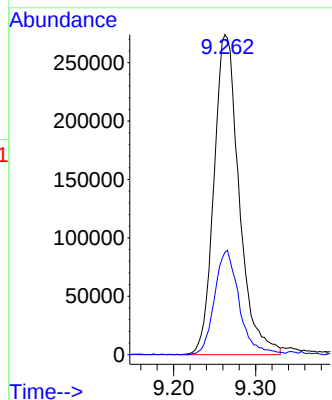
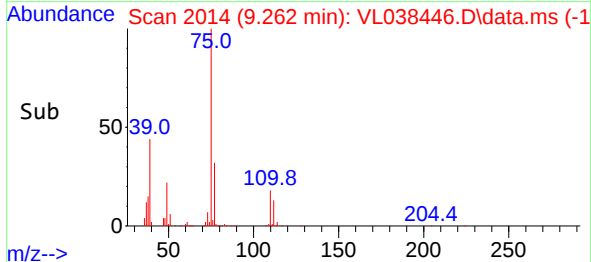
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



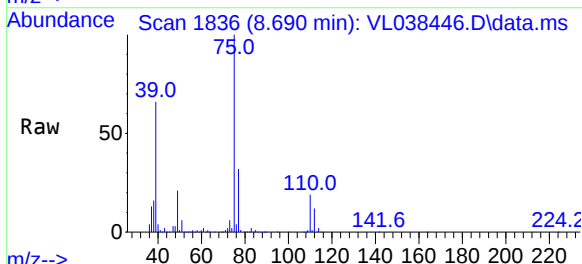
Tgt Ion: 75 Resp: 585310
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

Manual Integrations
APPROVED

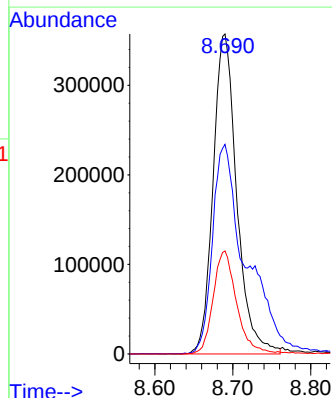
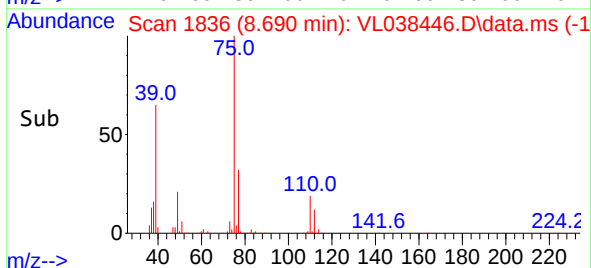
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

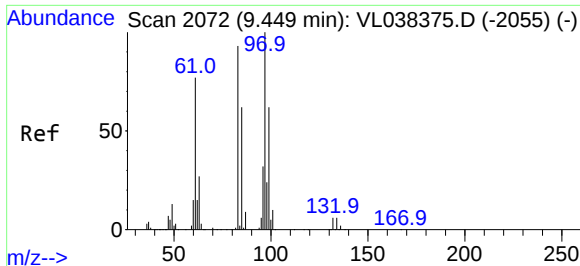


#46
cis-1,3-Dichloropropene
Concen: 11.118 ppbv
RT: 8.690 min Scan# 1836
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



Tgt Ion: 75 Resp: 753957
Ion Ratio Lower Upper
75 100
39 65.4 51.4 77.2
77 32.2 25.4 38.2





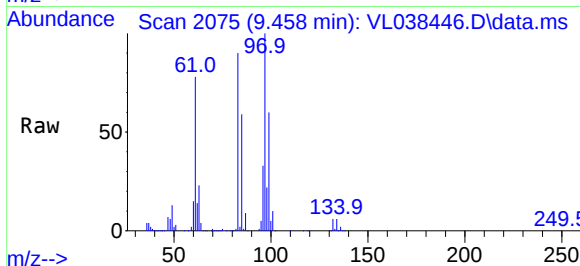
#47
1,1,2-Trichloroethane
Concen: 10.233 ppbv
RT: 9.458 min Scan# 2072
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

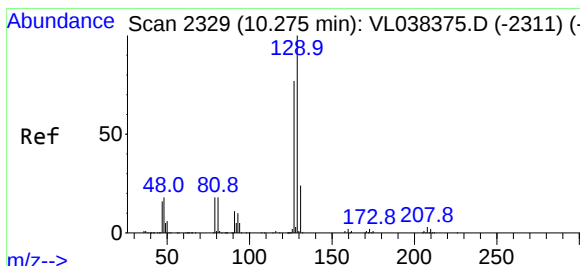
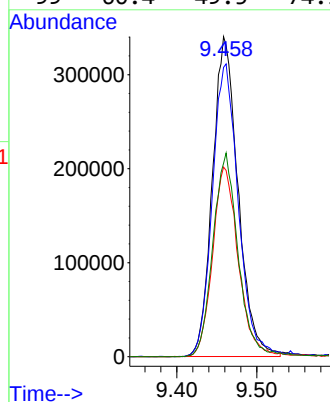
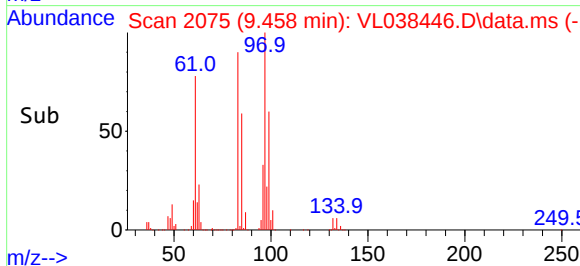


Tgt Ion: 97 Resp: 755236
Ion Ratio Lower Upper
97 100
83 90.3 74.2 111.4
85 59.3 49.8 74.8
99 60.4 49.5 74.3

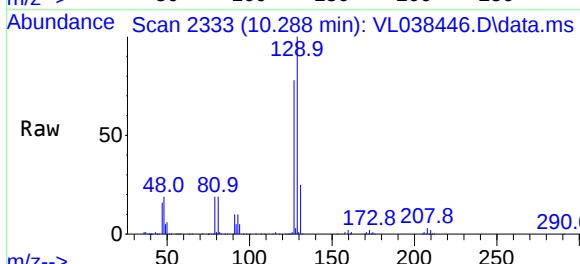
Manual Integrations

APPROVED

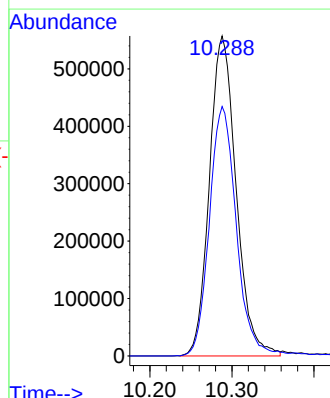
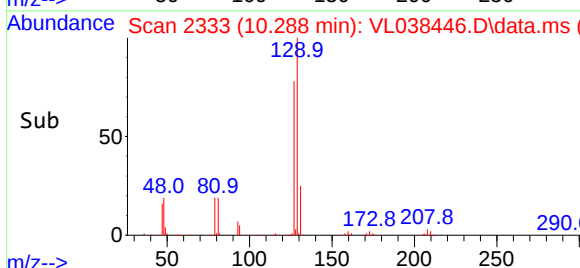
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

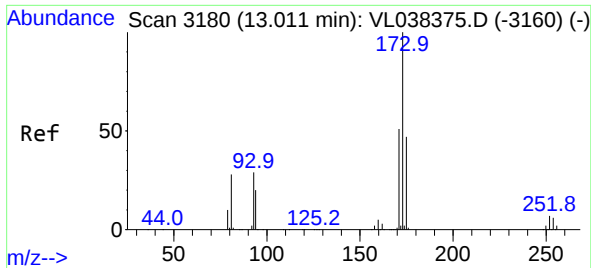


#48
Dibromochloromethane
Concen: 10.488 ppbv
RT: 10.288 min Scan# 2333
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



Tgt Ion:129 Resp: 1265621
Ion Ratio Lower Upper
129 100
127 79.0 39.4 118.1





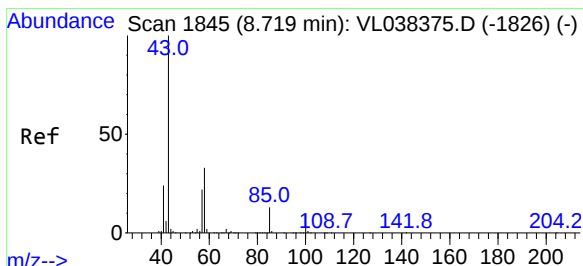
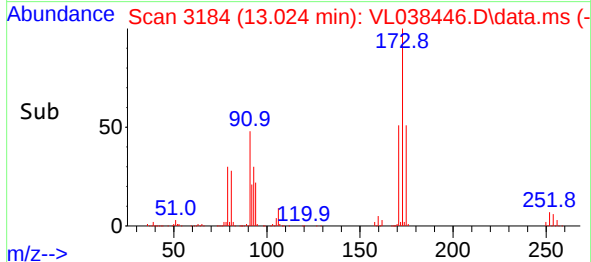
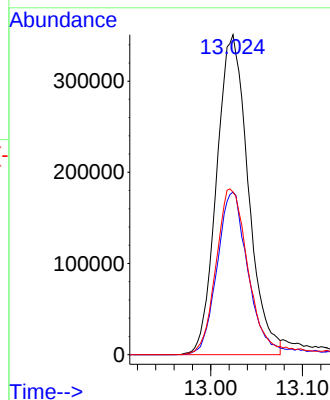
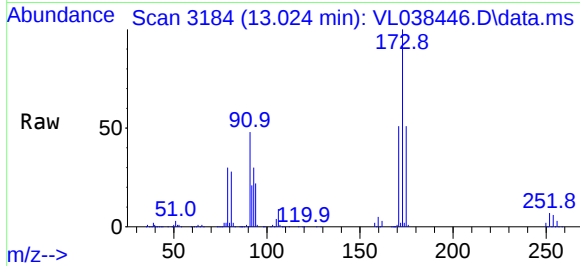
#49
Bromoform
Concen: 9.434 ppbv
RT: 13.024 min Scan# 3184
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion:173 Resp: 84036
Ion Ratio Lower Upper
173 100
175 52.7 40.2 60.2
171 55.1 42.7 64.1

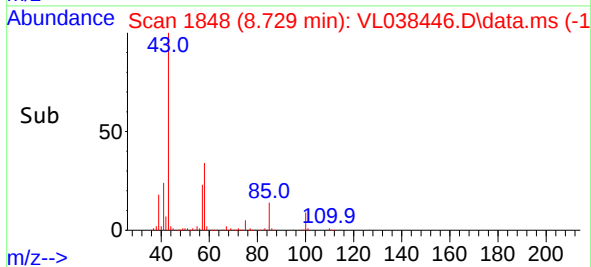
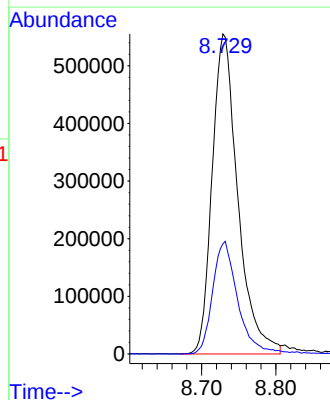
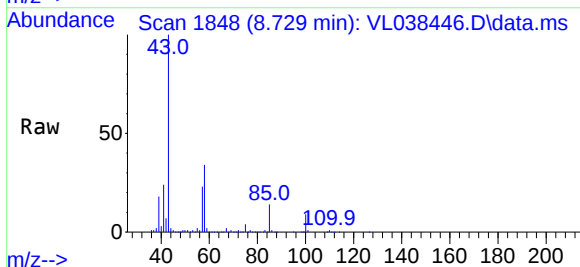
Manual Integrations
APPROVED

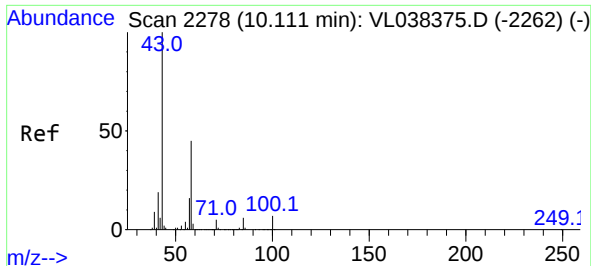
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#50
4-Methyl-2-Pentanone
Concen: 11.335 ppbv
RT: 8.729 min Scan# 1848
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

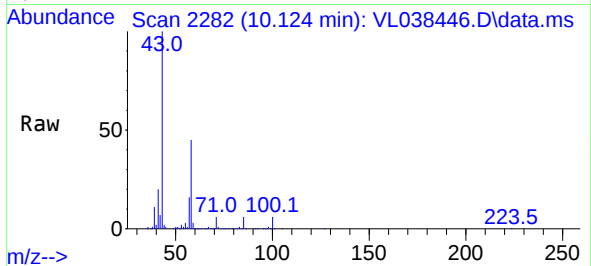
Tgt Ion: 43 Resp: 1333372
Ion Ratio Lower Upper
43 100
58 34.7 27.7 41.5





#51
2-Hexanone
Concen: 10.928 ppbv
RT: 10.124 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

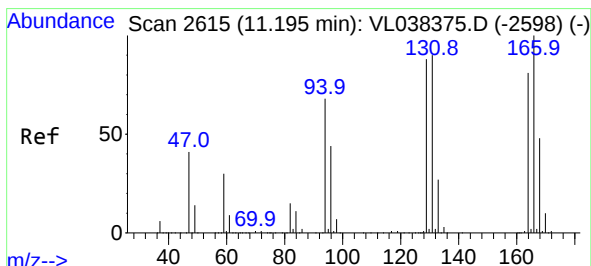
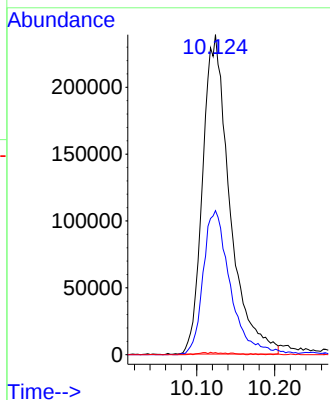
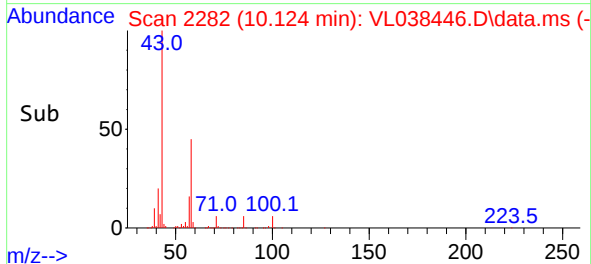
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



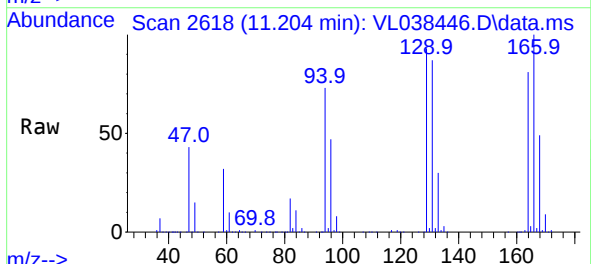
Tgt Ion: 43 Resp: 57553
Ion Ratio Lower Upper
43 100
58 45.6 37.4 56.0
98 0.7 0.1 0.1

Manual Integrations
APPROVED

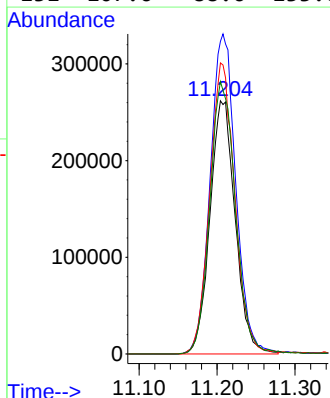
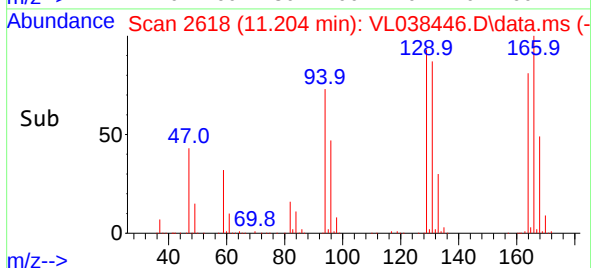
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

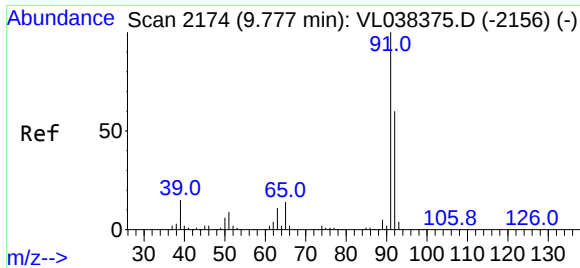


#52
Tetrachloroethene
Concen: 9.543 ppbv
RT: 11.204 min Scan# 2618
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



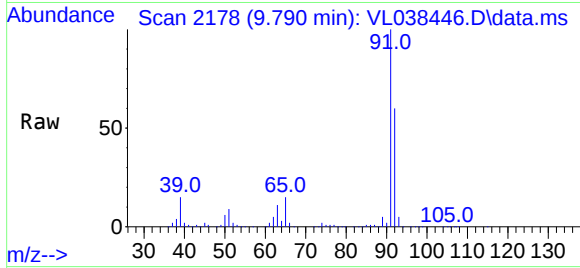
Tgt Ion:164 Resp: 589989
Ion Ratio Lower Upper
164 100
166 123.4 98.6 148.0
129 114.9 86.9 130.3
131 107.6 88.6 133.0





#53
Toluene
Concen: 10.519 ppbv
RT: 9.790 min Scan# 2174
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

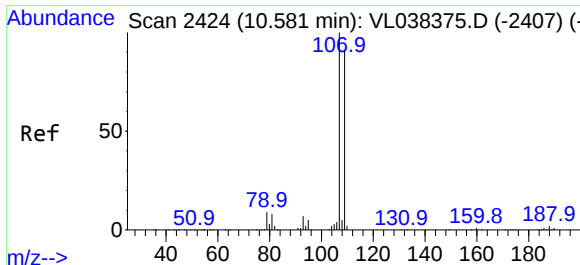
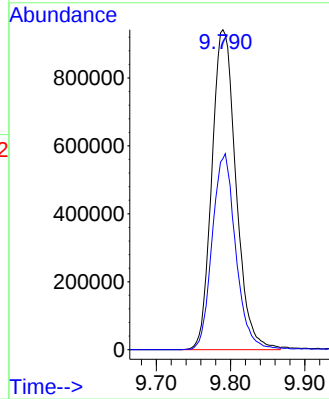
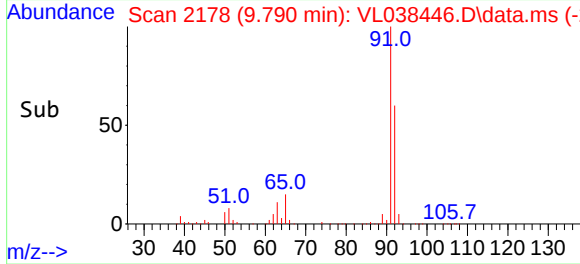
Instrument : MSVOA_L
ClientSampleId : VL0301ABS01



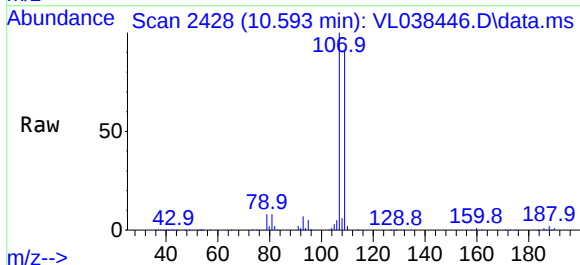
Tgt Ion: 91 Resp: 212704
Ion Ratio Lower Upper
91 100
92 60.2 48.2 72.4

Manual Integrations
APPROVED

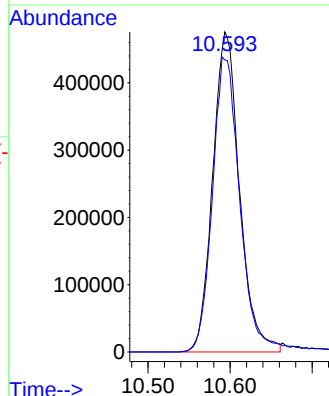
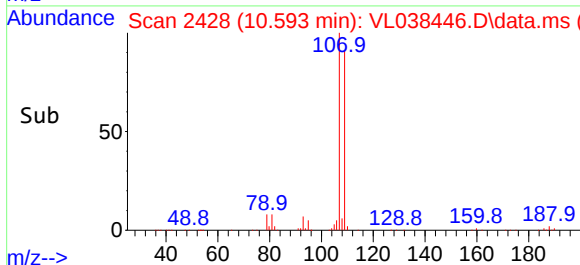
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

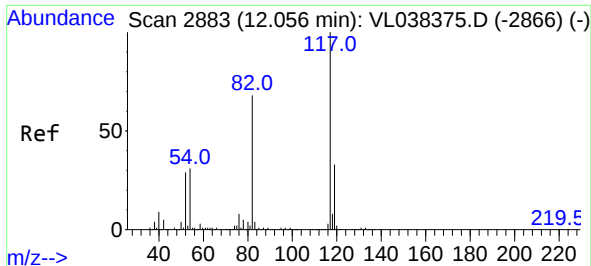


#54
1,2-Dibromoethane
Concen: 10.401 ppbv
RT: 10.593 min Scan# 2428
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



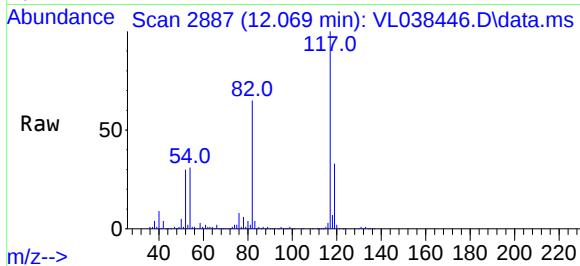
Tgt Ion:107 Resp: 1080538
Ion Ratio Lower Upper
107 100
109 91.2 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.069 min Scan# 2887
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

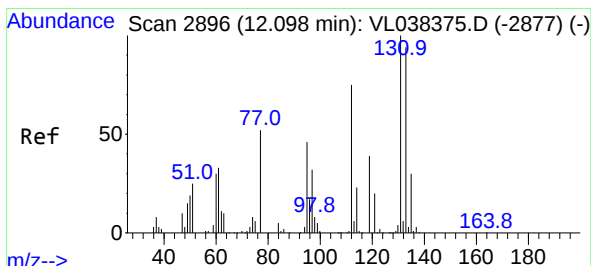
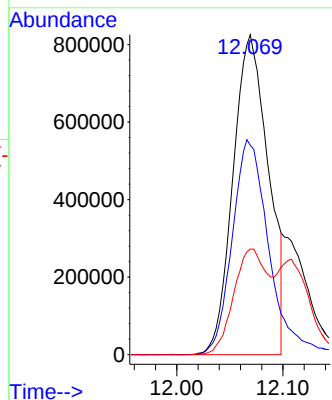
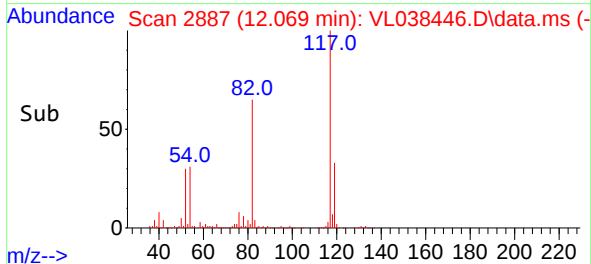
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



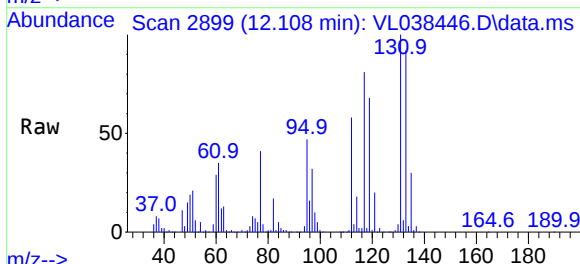
Tgt Ion:117 Resp: 1911078
Ion Ratio Lower Upper
117 100
82 71.4 54.9 82.3
119 33.0 46.1 69.1

Manual Integrations
APPROVED

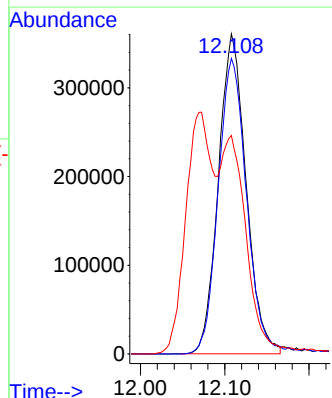
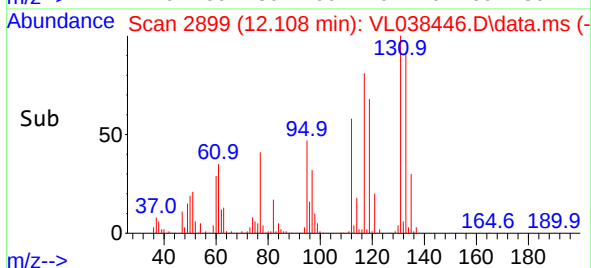
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

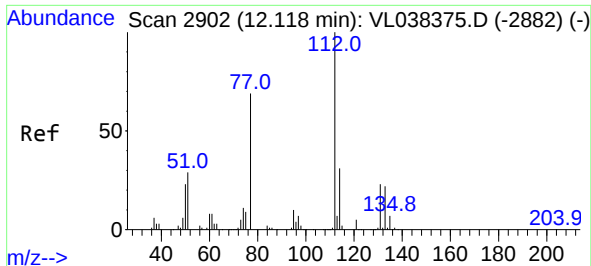


#56
1,1,1,2-Tetrachloroethane
Concen: 10.293 ppbv
RT: 12.108 min Scan# 2899
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



Tgt Ion:131 Resp: 819884
Ion Ratio Lower Upper
131 100
133 97.4 77.3 115.9
119 64.9 48.6 73.0





#57

Chlorobenzene

Concen: 9.874 ppbv

RT: 12.127 min Scan# 2905

Delta R.T. 0.010 min

Lab File: VL038446.D

Acq: 1 Mar 2022 11:31

Instrument :

MSVOA_L

ClientSampleId :

VL0301ABS01

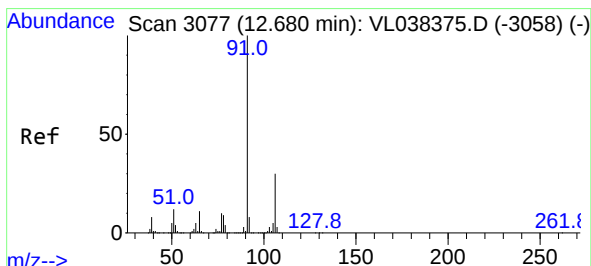
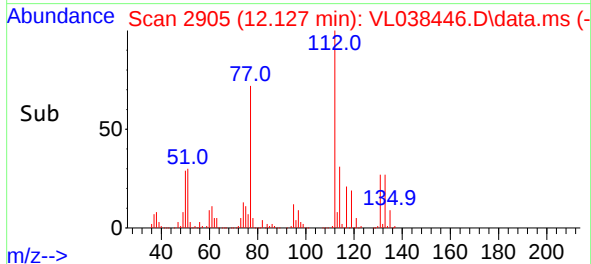
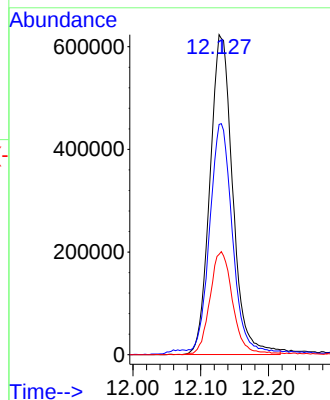
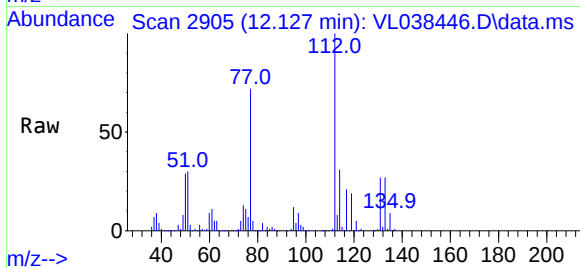
Tgt Ion: 112 Resp: 145595

Ion	Ratio	Lower	Upper
112	100		
77	70.8	55.2	82.8
114	31.3	27.9	34.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#58

Ethyl Benzene

Concen: 10.364 ppbv

RT: 12.693 min Scan# 3081

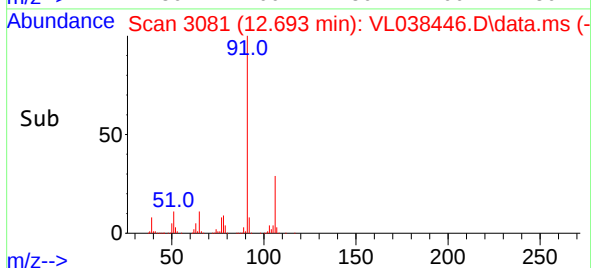
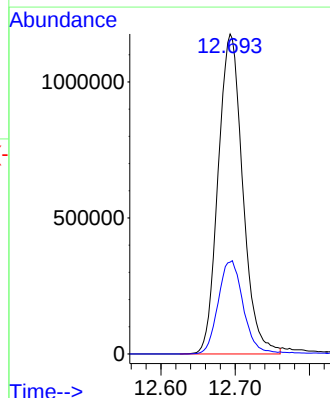
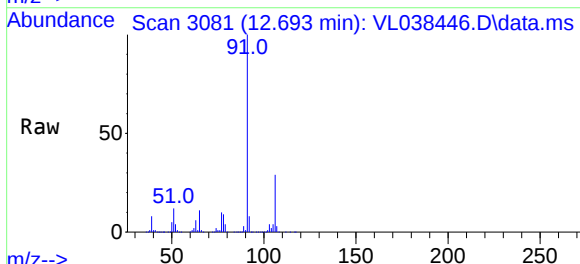
Delta R.T. 0.013 min

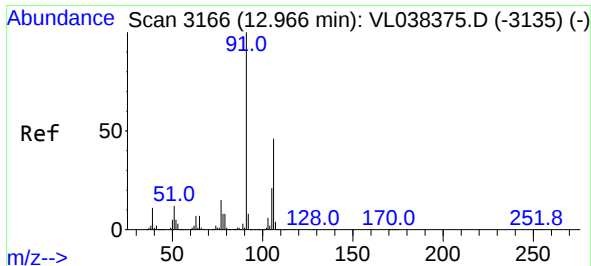
Lab File: VL038446.D

Acq: 1 Mar 2022 11:31

Tgt Ion: 91 Resp: 2708344

Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.0	36.0





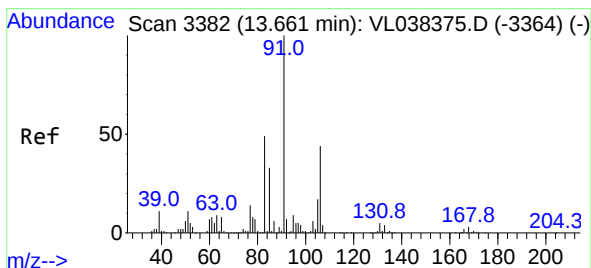
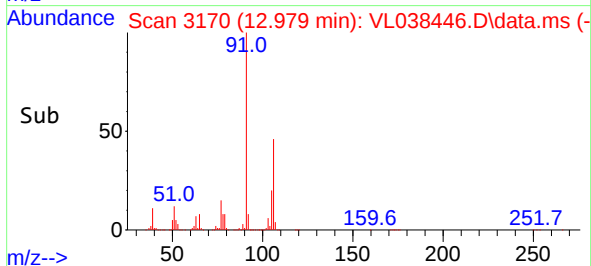
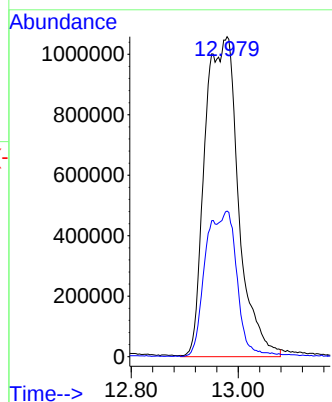
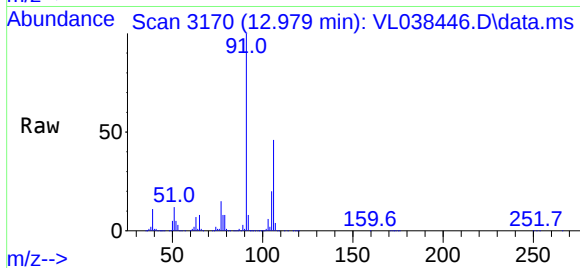
#59
m/p-Xylene
Concen: 20.442 ppbv m
RT: 12.979 min Scan# 3166
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 91 Resp: 458798
Ion Ratio Lower Upper
91 100
106 42.7 34.4 51.6

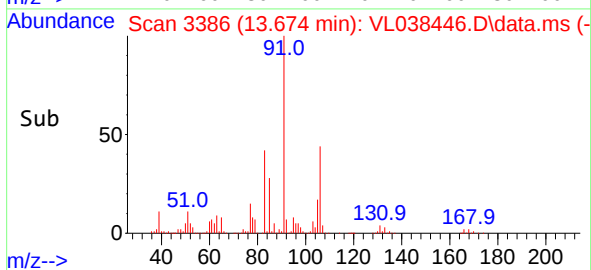
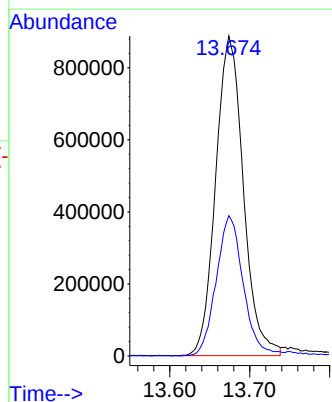
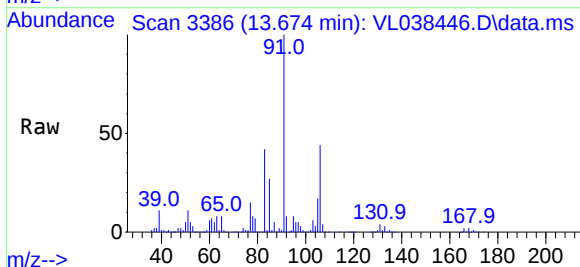
Manual Integrations
APPROVED

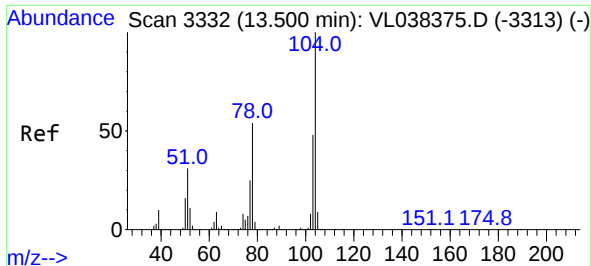
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#60
o-Xylene
Concen: 10.060 ppbv
RT: 13.674 min Scan# 3386
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Tgt Ion: 91 Resp: 2134382
Ion Ratio Lower Upper
91 100
106 44.1 21.9 65.5





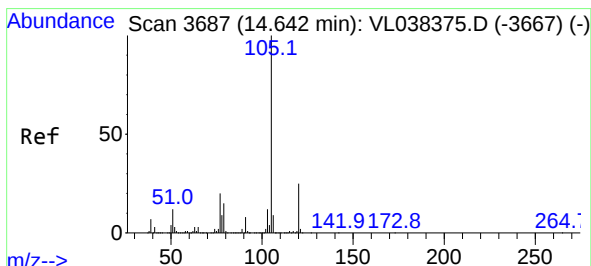
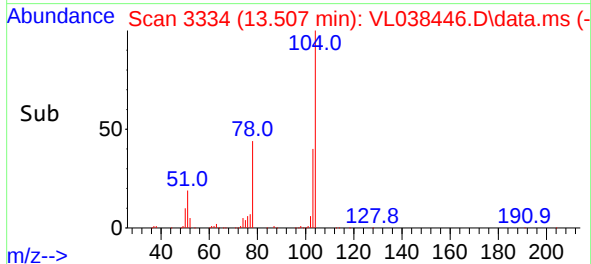
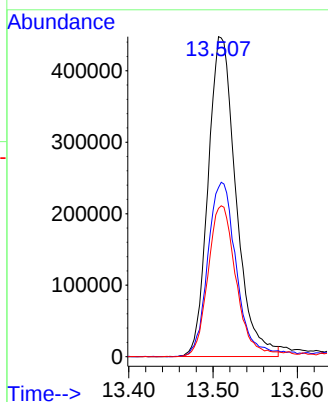
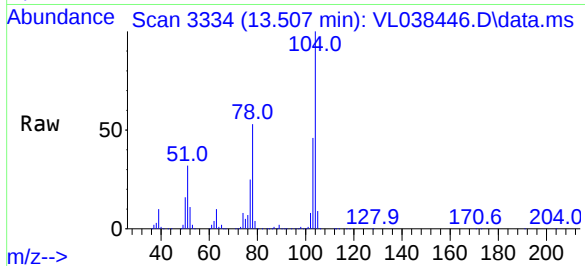
#61
Styrene
Concen: 10.497 ppbv
RT: 13.507 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion:104 Resp: 102718
Ion Ratio Lower Upper
104 100
78 57.3 44.2 66.4
103 48.8 38.4 57.6

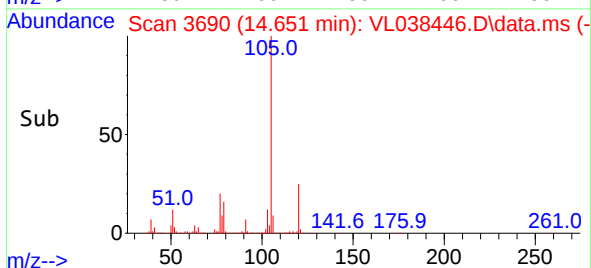
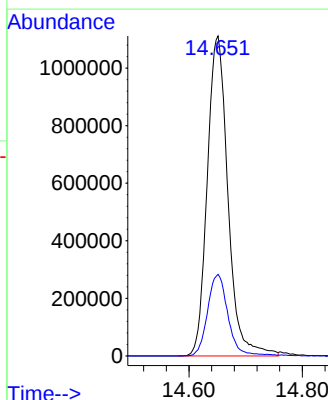
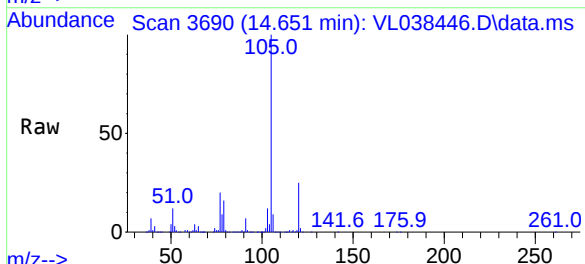
Manual Integrations
APPROVED

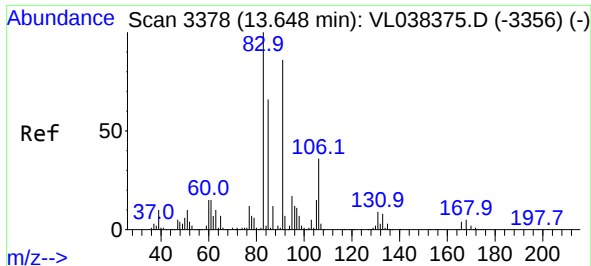
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#62
Isopropylbenzene
Concen: 9.883 ppbv
RT: 14.651 min Scan# 3690
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

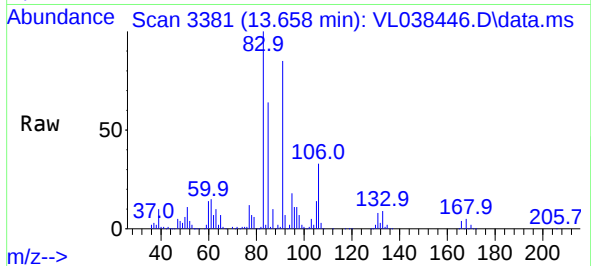
Tgt Ion:105 Resp: 2814294
Ion Ratio Lower Upper
105 100
120 25.4 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 8.425 ppbv
RT: 13.658 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

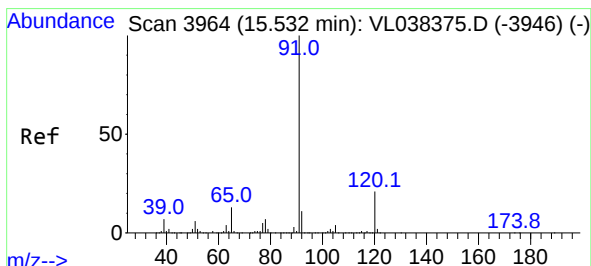
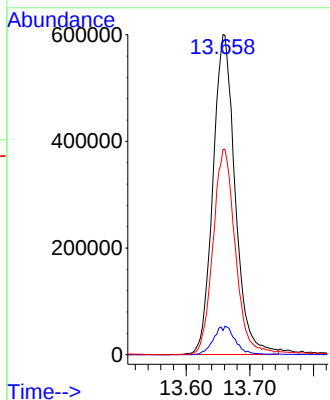
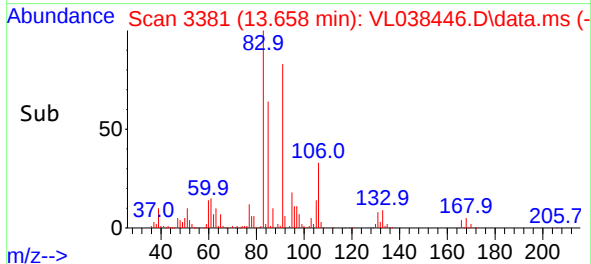
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



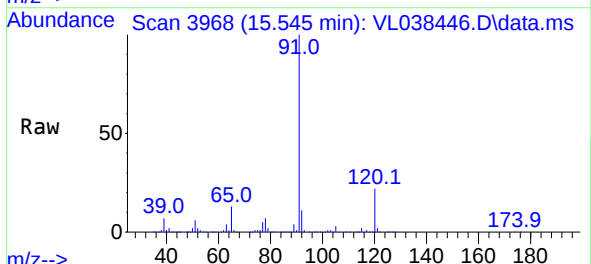
Tgt Ion: 83 Resp: 145233
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 66.0 33.0 99.0

Manual Integrations
APPROVED

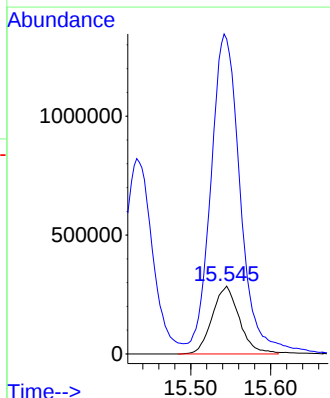
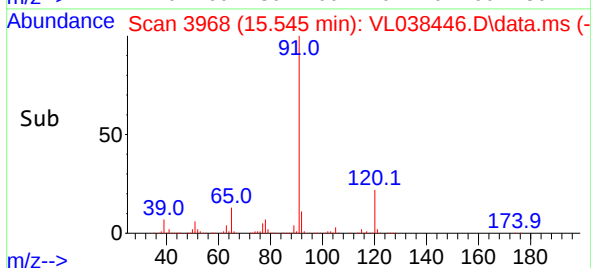
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

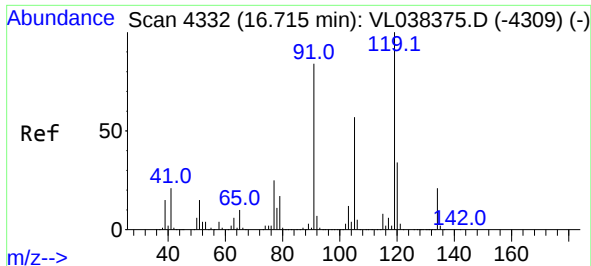


#64
n-propylbenzene
Concen: 9.482 ppbv
RT: 15.545 min Scan# 3968
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



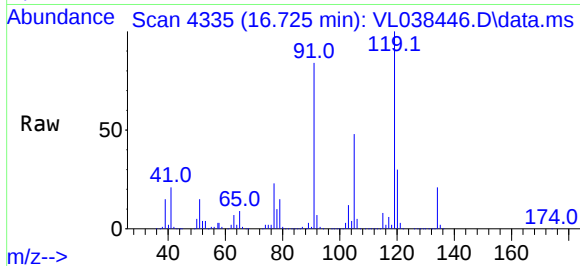
Tgt Ion:120 Resp: 668527
Ion Ratio Lower Upper
120 100
91 518.9 388.1 582.1





#65
tert-Butylbenzene
Concen: 9.207 ppbv
RT: 16.725 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

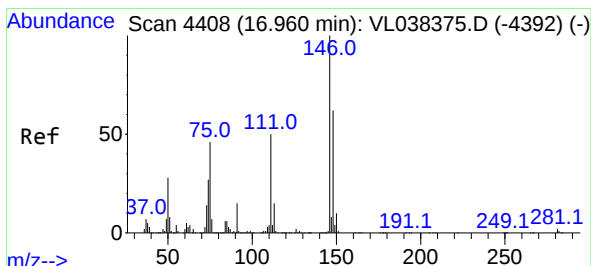
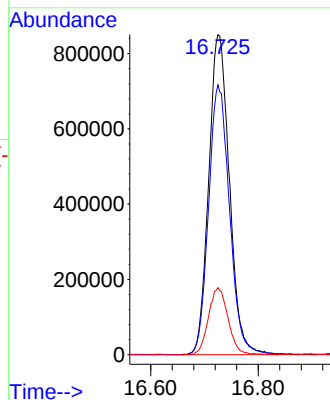
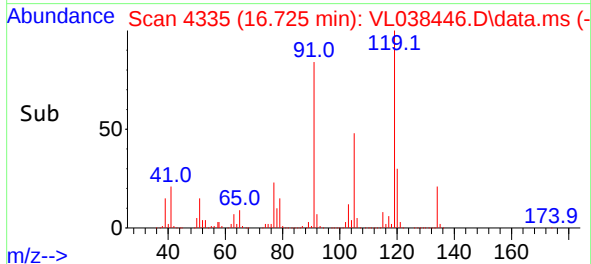
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



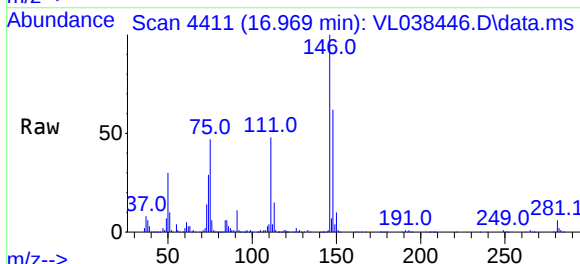
Tgt Ion: 119 Resp: 2270770
Ion Ratio Lower Upper
119 100
91 85.6 68.0 102.0
134 19.9 15.8 23.8

Manual Integrations
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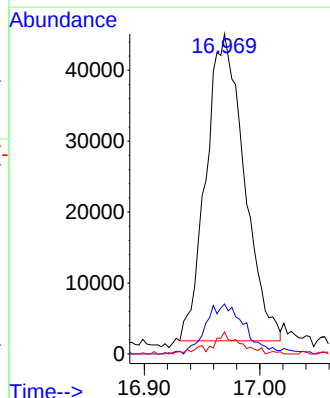
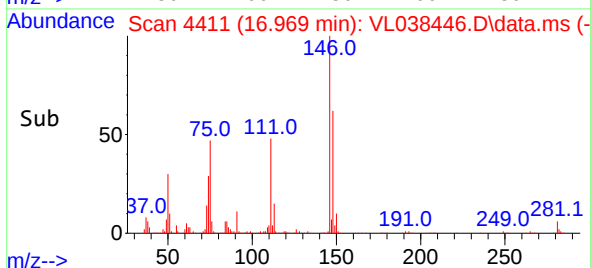
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

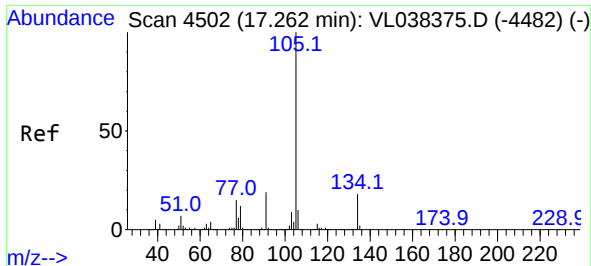


#66
Benzyl Chloride
Concen: 7.454 ppbv
RT: 16.969 min Scan# 4411
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



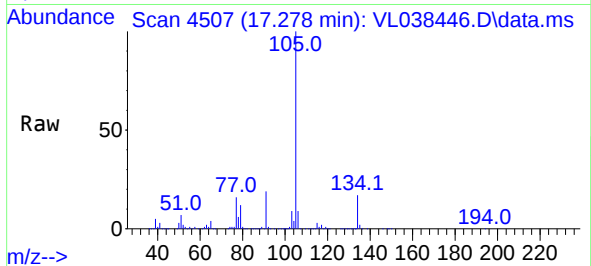
Tgt Ion: 91 Resp: 99343
Ion Ratio Lower Upper
91 100
126 17.6 12.3 18.5
128 5.6 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 9.102 ppbv
 RT: 17.278 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL038446.D
 Acq: 1 Mar 2022 11:31

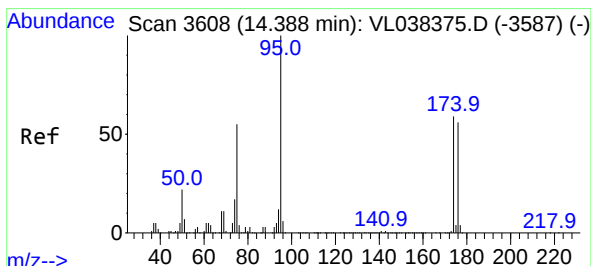
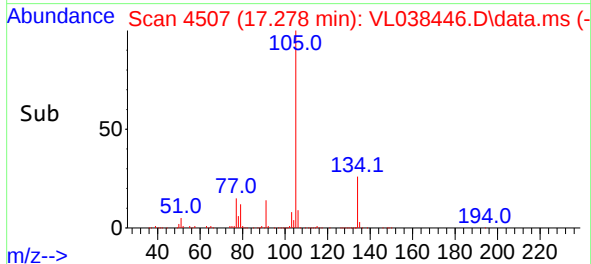
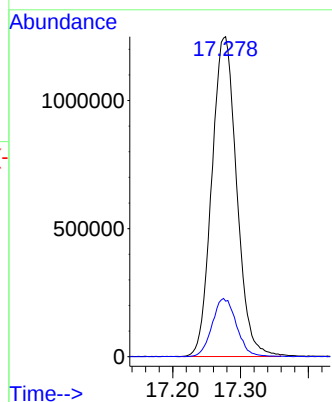
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01



Tgt Ion:105 Resp: 3180689
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.6 21.8

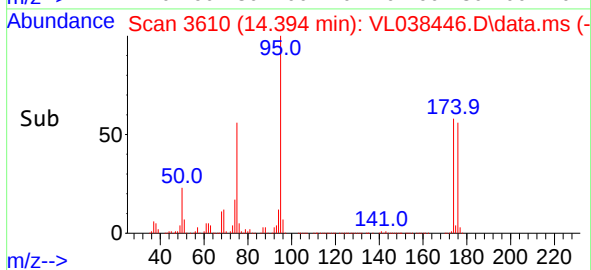
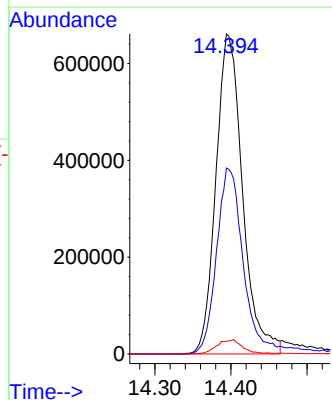
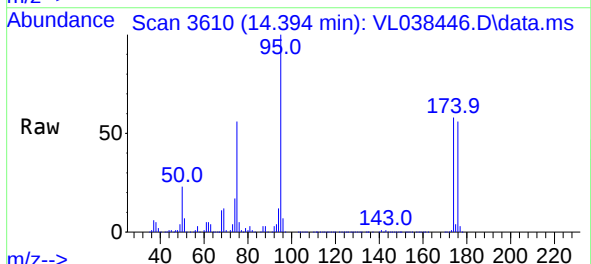
Manual Integrations
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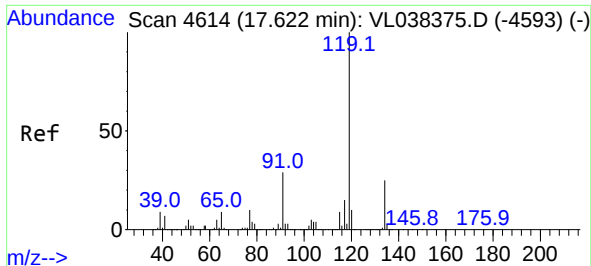
Reviewed By :Semsettin Yesilyurt 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.179 ppbv
 RT: 14.394 min Scan# 3610
 Delta R.T. 0.006 min
 Lab File: VL038446.D
 Acq: 1 Mar 2022 11:31

Tgt Ion: 95 Resp: 1609587
 Ion Ratio Lower Upper
 95 100
 174 60.7 49.0 73.4
 175 4.5 3.6 5.4





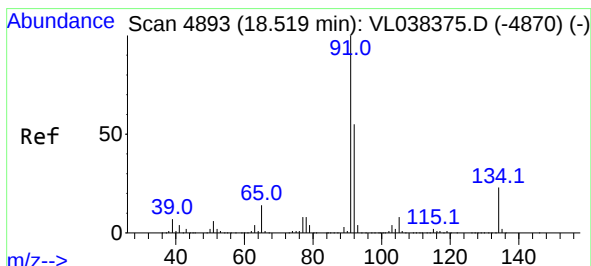
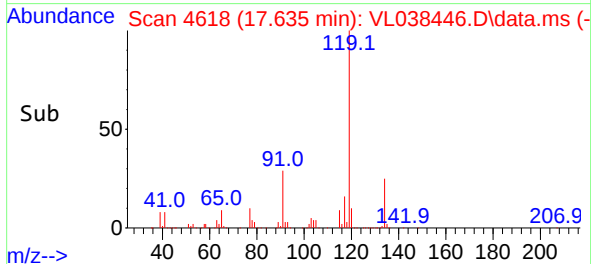
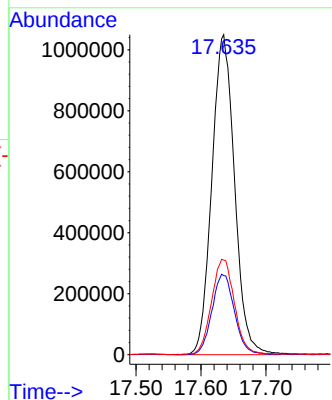
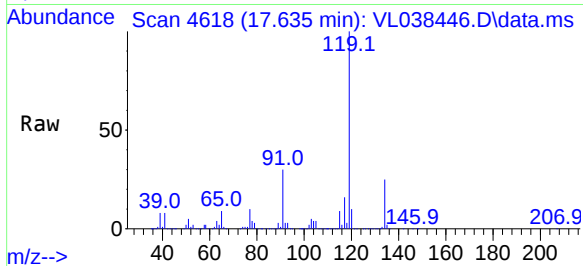
#69
p-Isopropyltoluene
Concen: 9.256 ppbv
RT: 17.635 min Scan# 4618
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion:119 Resp: 254063
Ion Ratio Lower Upper
119 100
134 25.1 20.4 30.6
91 30.3 23.8 35.8

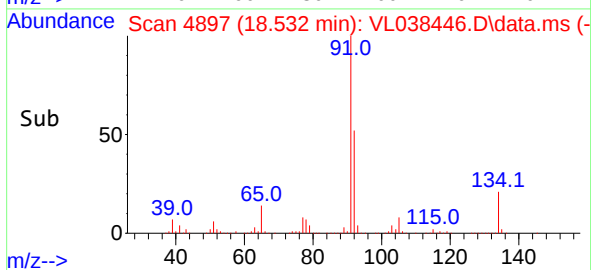
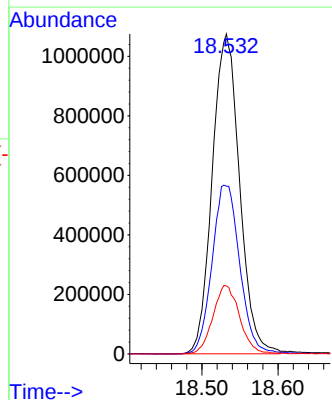
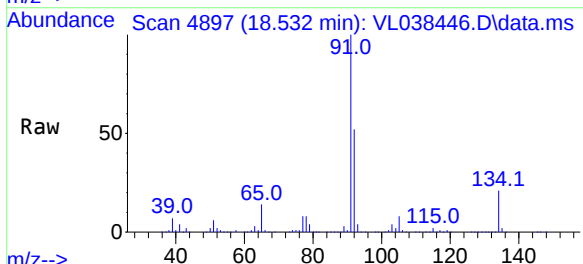
Manual Integrations
APPROVED

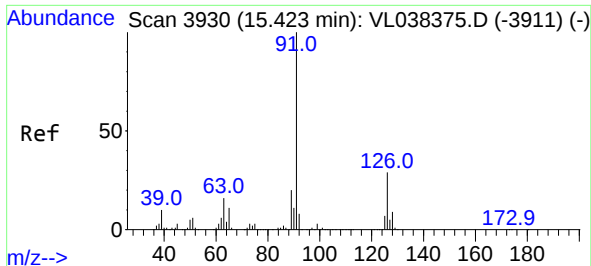
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#70
n-Butylbenzene
Concen: 9.439 ppbv
RT: 18.532 min Scan# 4897
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Tgt Ion: 91 Resp: 2681170
Ion Ratio Lower Upper
91 100
92 54.0 43.1 64.7
134 21.1 17.4 26.0





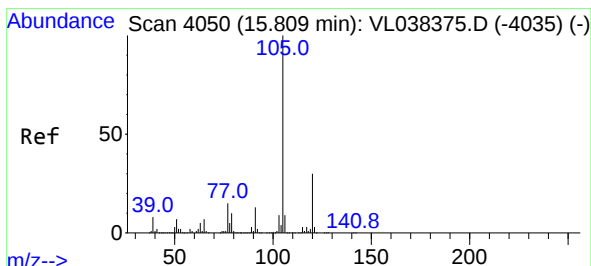
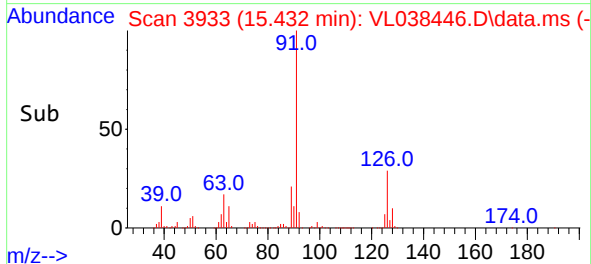
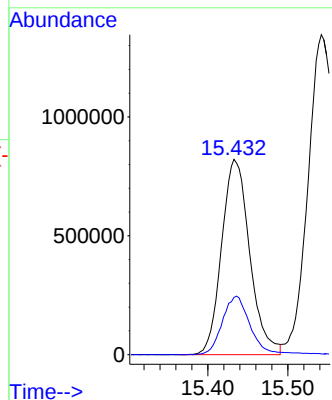
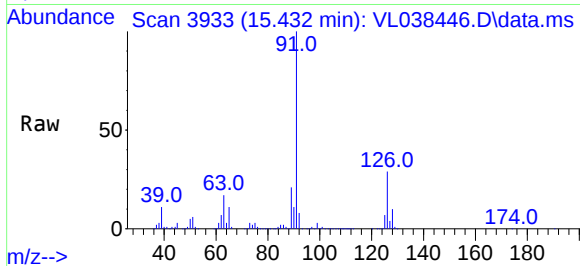
#71
2-Chlorotoluene
Concen: 9.157 ppbv
RT: 15.432 min Scan# 3911
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion: 91 Resp: 200499
Ion Ratio Lower Upper
91 100
126 30.5 11.9 47.7

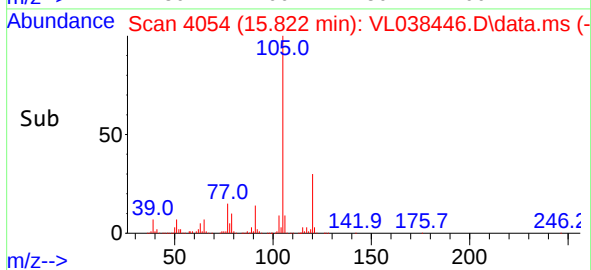
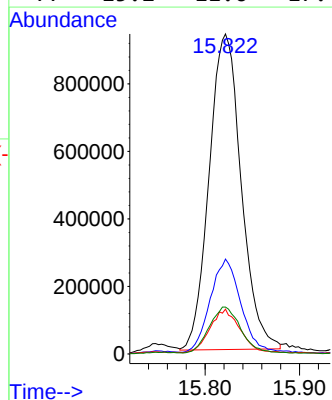
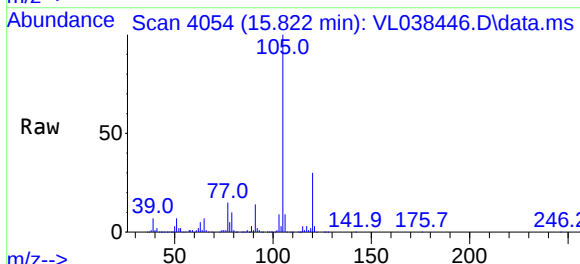
Manual Integrations
APPROVED

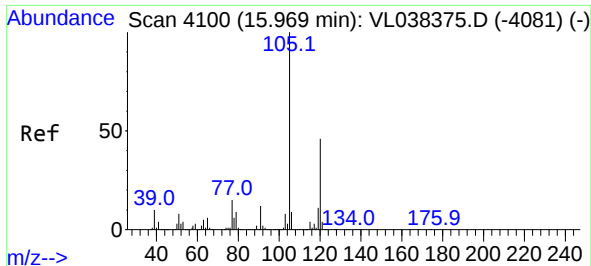
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#72
4-Ethyltoluene
Concen: 9.434 ppbv
RT: 15.822 min Scan# 4054
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Tgt Ion:105 Resp: 2205325
Ion Ratio Lower Upper
105 100
120 29.8 23.4 35.2
91 13.4 10.4 15.6
77 15.2 11.6 17.4





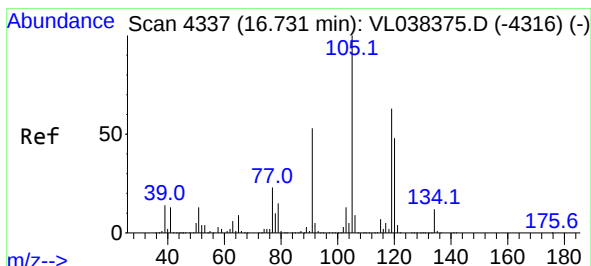
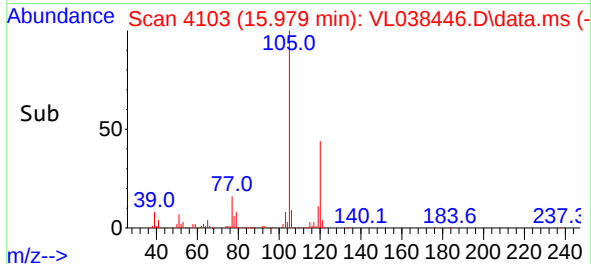
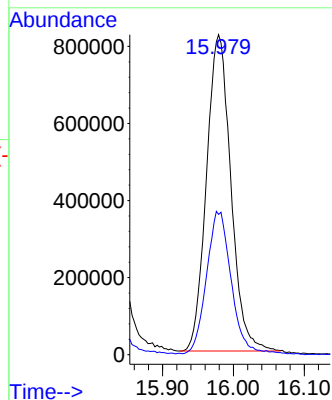
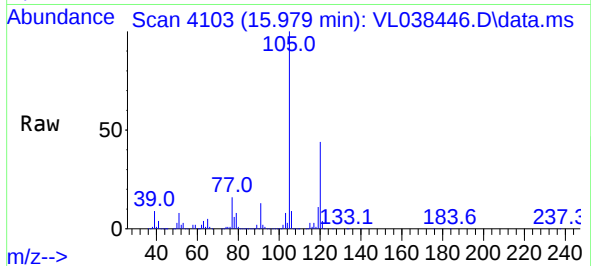
#73
1,3,5-Trimethylbenzene
Concen: 9.251 ppbv
RT: 15.979 min Scan# 4100
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01

Tgt Ion:105 Resp: 196383
Ion Ratio Lower Upper
105 100
120 43.9 36.6 55.0

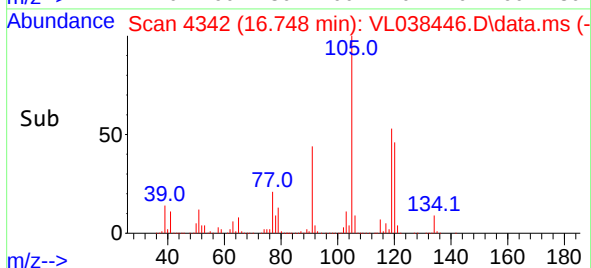
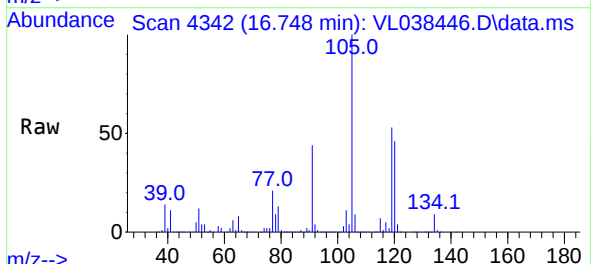
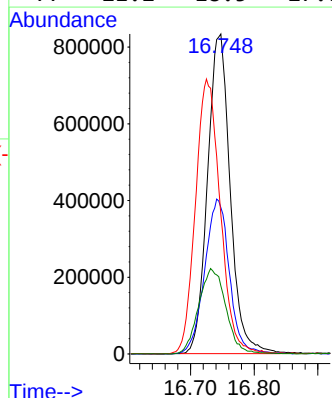
Manual Integrations
APPROVED

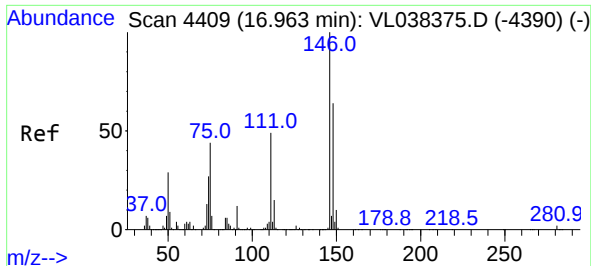
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#74
1,2,4-Trimethylbenzene
Concen: 9.224 ppbv
RT: 16.748 min Scan# 4342
Delta R.T. 0.016 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

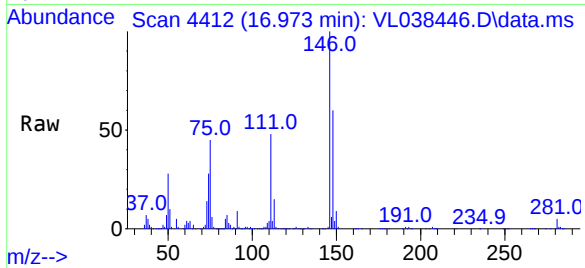
Tgt Ion:105 Resp: 2067296
Ion Ratio Lower Upper
105 100
120 45.6 38.2 57.4
91 43.3 42.7 64.1
77 21.2 18.5 27.7





#75
1,3-Dichlorobenzene
Concen: 8.796 ppbv
RT: 16.973 min Scan# 4409
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

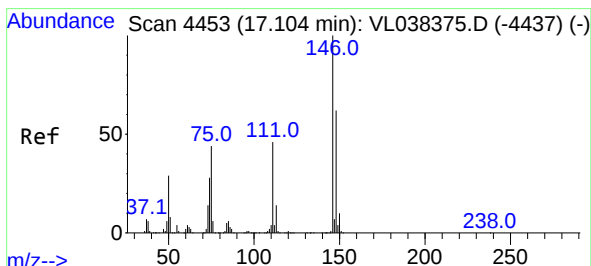
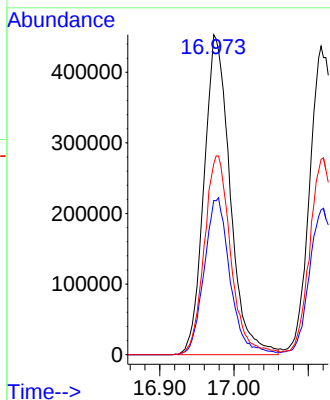
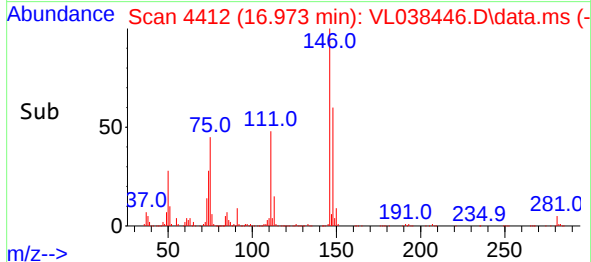
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



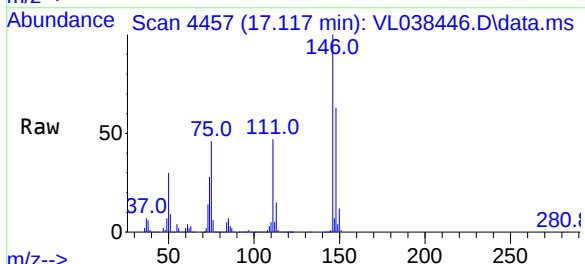
Tgt Ion:146 Resp: 1104218
Ion Ratio Lower Upper
146 100
111 48.8 24.3 72.9
148 63.2 32.0 96.0

Manual Integrations
APPROVED

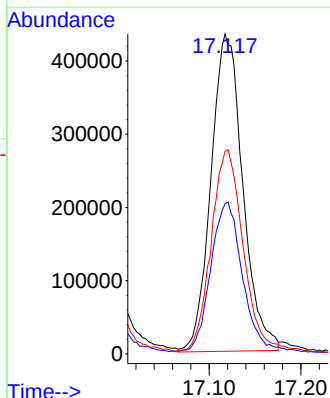
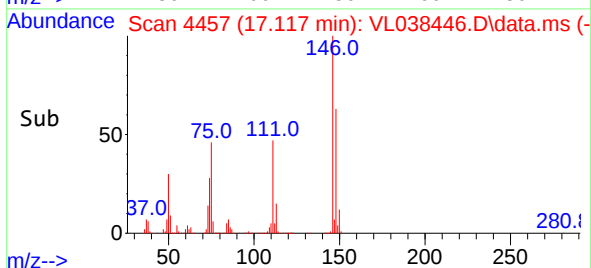
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

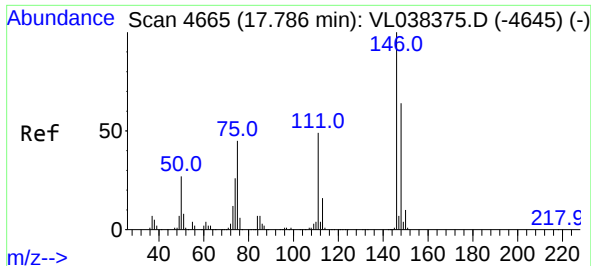


#76
1,4-Dichlorobenzene
Concen: 8.438 ppbv
RT: 17.117 min Scan# 4457
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



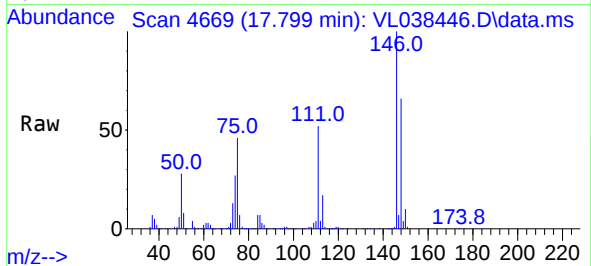
Tgt Ion:146 Resp: 1044537
Ion Ratio Lower Upper
146 100
111 49.2 24.1 72.2
148 67.0 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 8.630 ppbv
RT: 17.799 min Scan# 4669
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

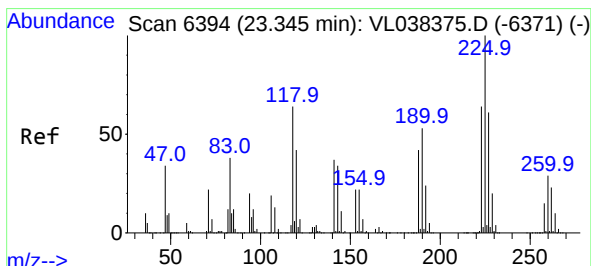
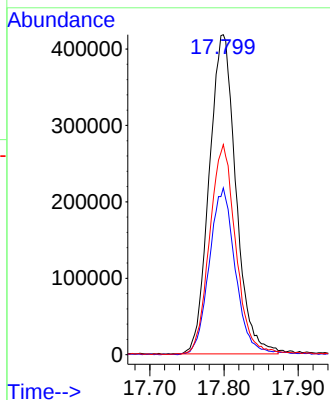
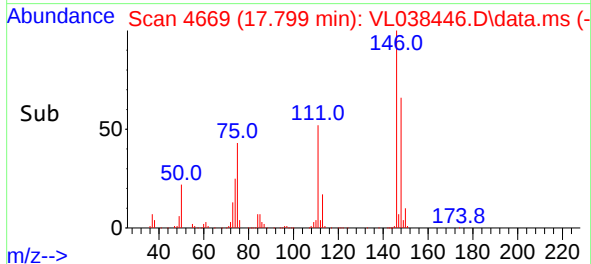
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



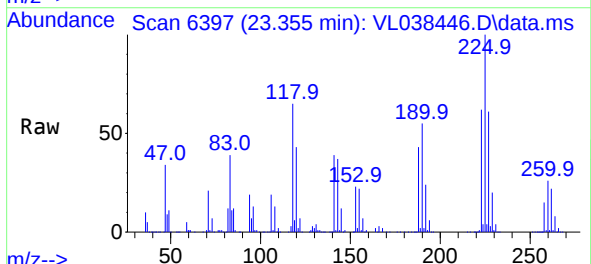
Tgt Ion:146 Resp: 1042860
Ion Ratio Lower Upper
146 100
111 52.0 25.6 76.6
148 64.9 32.4 97.2

Manual Integrations
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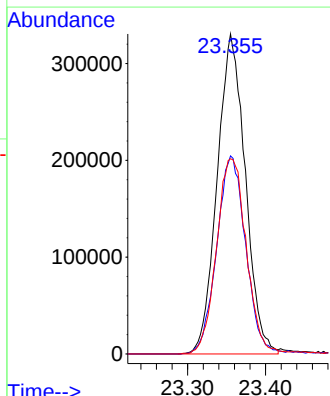
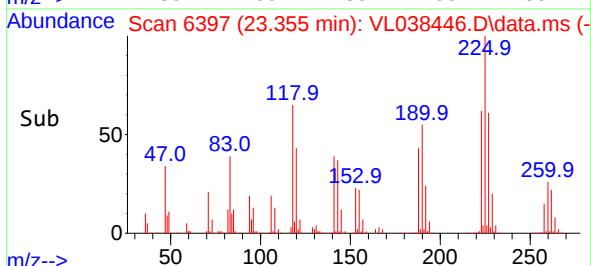
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

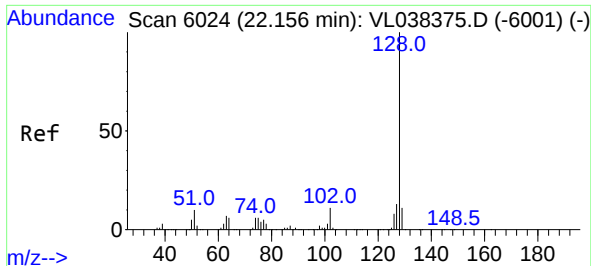


#78
Hexachloro-1,3-Butadiene
Concen: 8.997 ppbv
RT: 23.355 min Scan# 6397
Delta R.T. 0.010 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



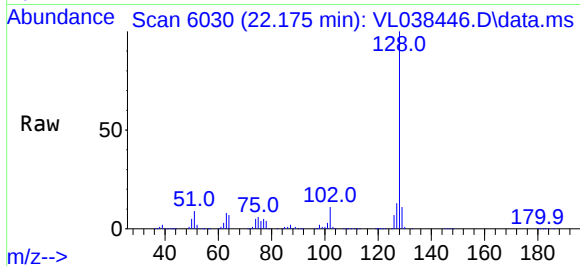
Tgt Ion:225 Resp: 829111
Ion Ratio Lower Upper
225 100
223 64.5 52.0 78.0
227 65.4 51.6 77.4





#79
Naphthalene
Concen: 12.859 ppbv
RT: 22.175 min Scan# 6024
Delta R.T. 0.019 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31

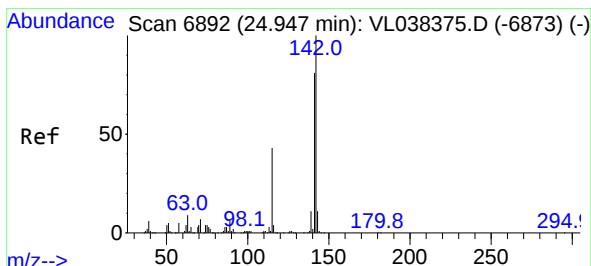
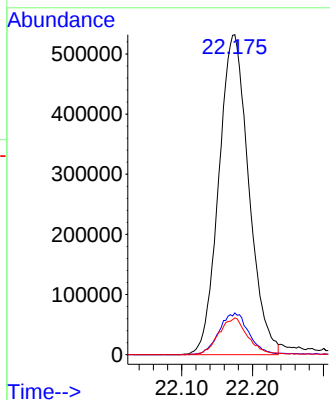
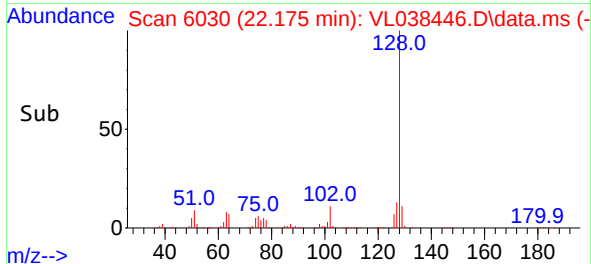
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABS01



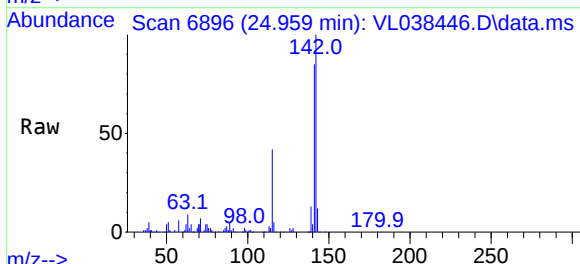
Tgt Ion:128 Resp: 156163
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.5 8.8 13.2

Manual Integrations
APPROVED

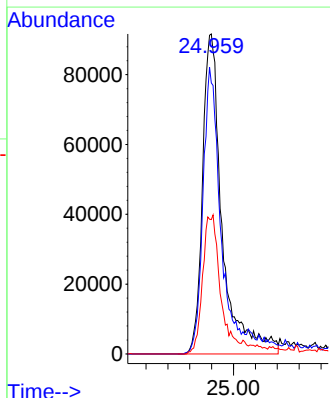
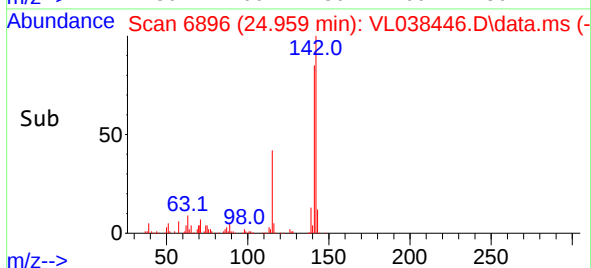
Reviewed By :Semsettin Yesilyurt 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

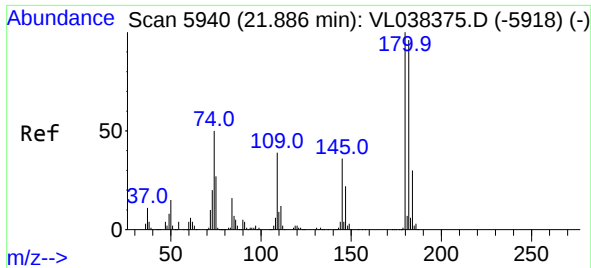


#80
Naphthalene,2-methyl-
Concen: 9.665 ppbv
RT: 24.959 min Scan# 6896
Delta R.T. 0.013 min
Lab File: VL038446.D
Acq: 1 Mar 2022 11:31



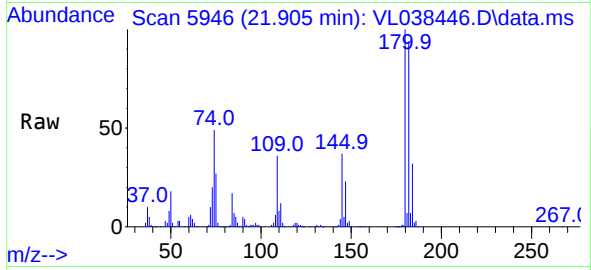
Tgt Ion:142 Resp: 229387
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.6
115 42.1 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.466 ppbv
 RT: 21.905 min Scan# 5946
 Delta R.T. 0.019 min
 Lab File: VL038446.D
 Acq: 1 Mar 2022 11:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABS01



Tgt Ion:180 Resp: 841870

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.4	116.2
184	31.7	24.9	37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022

