

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039601.D
 Acq On : 26 Aug 2022 13:13
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

Quant Time: Aug 27 00:05:42 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 27 00:05:42 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1035595	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2739023	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2704566	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 1946740 9.541 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1870535	13.574	ppbv	99
3) Chlorodifluoromethane	2.700	51	1178157	9.549	ppbv	96
4) Chloromethane	2.838	50	707378	9.518	ppbv	97
5) Vinyl Chloride	2.944	62	622393	10.376	ppbv	96
6) Bromomethane	3.144	94	248037	9.751	ppbv	97
7) Chloroethane	3.221	64	221092	9.838	ppbv	94
8) Dichlorotetrafluoroethane	2.883	85	1474549	10.002	ppbv	97
9) Propene	2.719	41	553447	9.803	ppbv	99
10) Heptane	7.597	43	1381508	10.566	ppbv	99
11) Trichlorofluoromethane	3.587	101	1447432	9.570	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.089	101	1071194	9.575	ppbv	97
13) Ethanol	3.269	45	35556m	8.763	ppbv	
14) Bromoethene	3.391	108	452882	9.908	ppbv	98
15) Acetone	3.491	43	1072239	9.243	ppbv	99
16) 1,3-Butadiene	3.009	39	607872	10.042	ppbv	99
17) tert-Butyl alcohol	3.899	59	948027	9.576	ppbv	100
18) 1,1-Dichloroethene	3.902	96	489757	9.720	ppbv	97
19) Isopropyl Alcohol	3.597	45	583966	10.348	ppbv	100
20) Methylene Chloride	3.957	84	427477	9.070	ppbv	94
21) Allyl Chloride	4.018	41	780098	10.338	ppbv	99
22) trans-1,2-Dichloroethene	4.465	96	503660	10.050	ppbv	95
23) Vinyl Acetate	4.645	43	548073	9.936	ppbv #	97
24) 1,1-Dichloroethane	4.584	63	1022254	10.012	ppbv	99
25) Ethyl Acetate	5.224	43	2471735	9.958	ppbv	100
26) Hexane	5.234	57	1019005	10.058	ppbv	97
27) Carbon Disulfide	4.144	76	1163223	10.748	ppbv	98
28) Methyl tert-Butyl Ether	4.610	73	802794	9.186	ppbv	98
29) Chloroform	5.291	83	1557194	9.828	ppbv	95
30) Cyclohexane	6.619	84	832305	9.921	ppbv	93
31) cis-1,2-Dichloroethene	5.095	61	998212	10.173	ppbv	97
32) 1,1,1-Trichloroethane	6.021	97	1468287	10.534	ppbv	97
34) 2-Butanone	4.809	43	1436340	10.548	ppbv	97
35) Carbon Tetrachloride	6.510	117	1596459	10.783	ppbv	95
36) Benzene	6.388	78	2153322	10.313	ppbv	97
37) 1,2-Dichloroethane	5.825	62	1155780	10.049	ppbv	99
38) Trichloroethene	7.307	130	1197791	10.707	ppbv	98
39) 1,2-Dichloropropane	7.089	63	807059	10.281	ppbv	96
40) 1,4-Dioxane	7.304	88	307571	10.008	ppbv	86
41) Tetrahydrofuran	5.574	42	871348	10.712	ppbv	97
42) Bromodichloromethane	7.266	83	1679432	10.671	ppbv	99
43) Methyl Methacrylate	7.491	69	843452	11.203	ppbv	98
44) 2,2,4-Trimethylpentane	7.343	57	3616712	10.276	ppbv	99
45) t-1,3-Dichloropropene	8.725	75	805633	12.287	ppbv	100

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

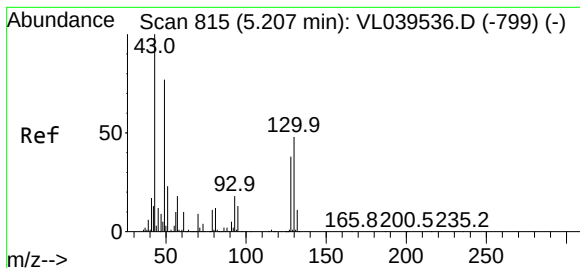
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

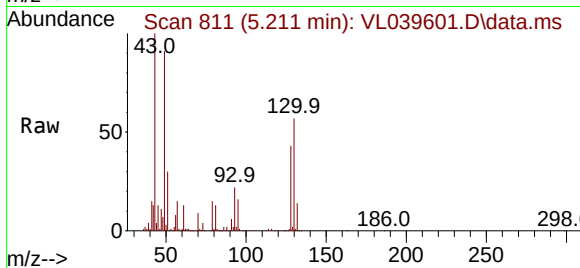
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	1102100	12.135	ppbv	98
47) 1,1,2-Trichloroethane	8.912	97	888913	9.915	ppbv	95
48) Dibromochloromethane	9.722	129	1497605	11.333	ppbv	100
49) Bromoform	12.416	173	1300215	11.878	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	2320243	10.937	ppbv	98
51) 2-Hexanone	9.568	43	1783341	11.422	ppbv	98
52) Tetrachloroethene	10.626	164	834958	10.570	ppbv	94
53) Toluene	9.233	91	2550334	10.914	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1077414	10.745	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.519	131	1100824	10.017	ppbv	95
57) Chlorobenzene	11.542	112	1979779	9.812	ppbv	98
58) Ethyl Benzene	12.101	91	3352907	10.790	ppbv	99
59) m/p-Xylene	12.384	91	5712128m	20.490	ppbv	
60) o-Xylene	13.072	91	2779865	10.389	ppbv	99
61) Styrene	12.912	104	1697605	11.911	ppbv	98
62) Isopropylbenzene	14.043	105	4058303	10.029	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1165822	9.200	ppbv	99
64) n-propylbenzene	14.928	120	1065204	10.129	ppbv	100
65) tert-Butylbenzene	16.104	119	3613267	10.045	ppbv	99
66) Benzyl Chloride	16.342	91	340423	11.651	ppbv	99
67) sec-Butylbenzene	16.651	105	5043732	9.900	ppbv	99
69) p-Isopropyltoluene	17.008	119	4245295	10.038	ppbv	99
70) n-Butylbenzene	17.899	91	4226269	10.045	ppbv	99
71) 2-Chlorotoluene	14.815	91	3020220	10.305	ppbv	99
72) 4-Ethyltoluene	15.204	105	3268706	10.447	ppbv	100
73) 1,3,5-Trimethylbenzene	15.365	105	2967675	10.379	ppbv	98
74) 1,2,4-Trimethylbenzene	16.124	105	3167454	9.942	ppbv	95
75) 1,3-Dichlorobenzene	16.342	146	1958733	10.112	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	1897147	9.830	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1877096	9.896	ppbv	99
78) Hexachloro-1,3-Butadiene	22.644	225	1351153	8.944	ppbv	99
79) Naphthalene	21.394	128	2736217	12.059	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	1217899	13.225	ppbv	98
81) 1,2,4-Trichlorobenzene	21.152	180	1534822	10.130	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039601.D
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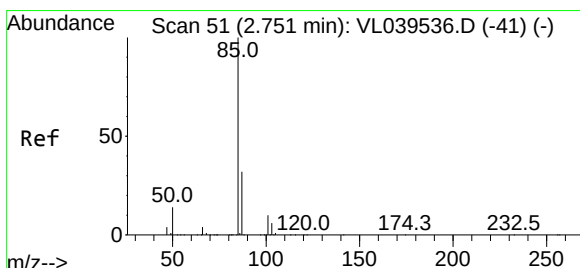
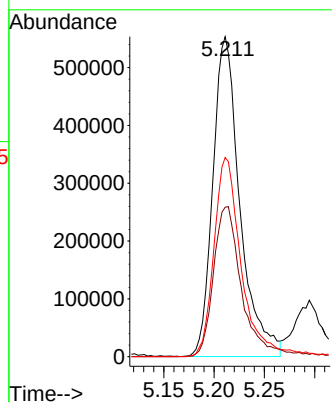
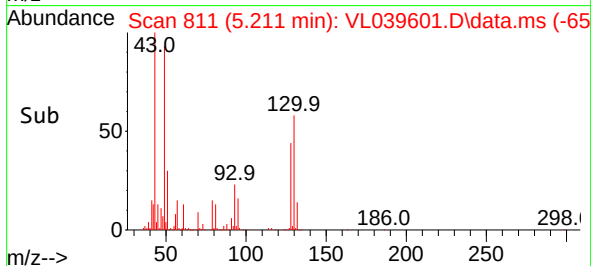
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 103559
Ion Ratio Lower Upper
49 100
128 50.2 26.7 80.0
130 64.1 34.3 102.8

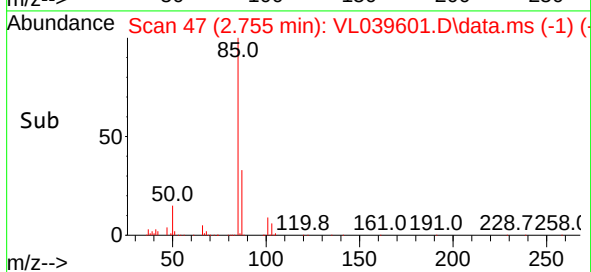
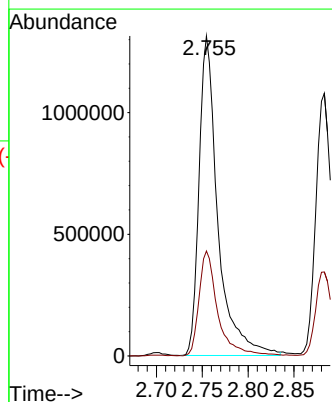
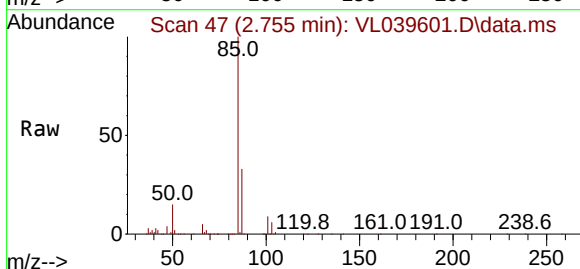
Manual Integrations
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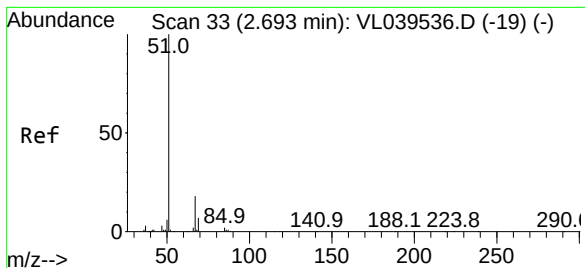
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#2
Dichlorodifluoromethane
Concen: 13.574 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.004 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

Tgt Ion: 85 Resp: 1870535
Ion Ratio Lower Upper
85 100
87 32.8 26.7 40.1





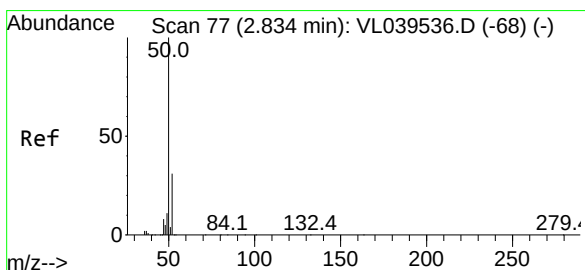
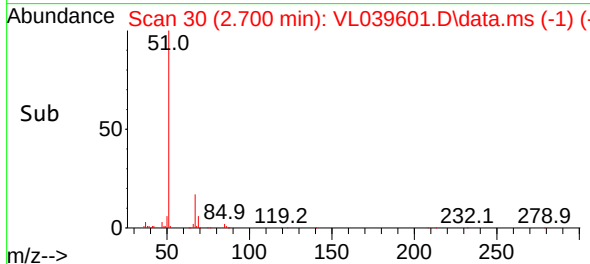
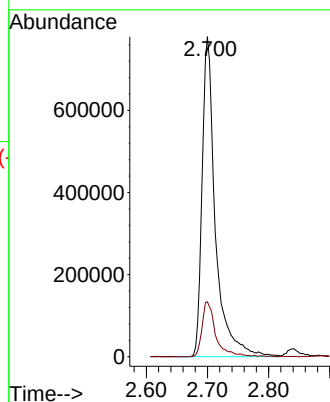
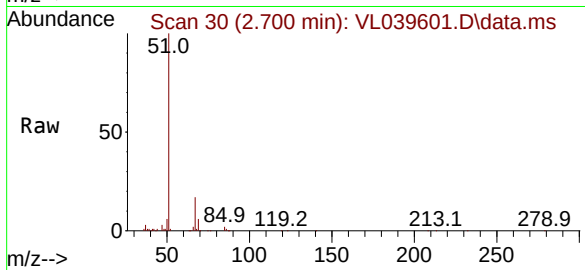
#3
Chlorodifluoromethane
Concen: 9.549 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 117815
Ion Ratio Lower Upper
51 100
67 17.9 15.7 23.5

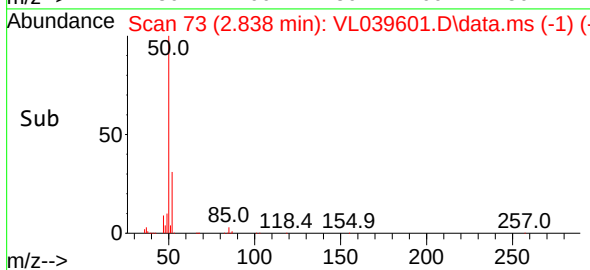
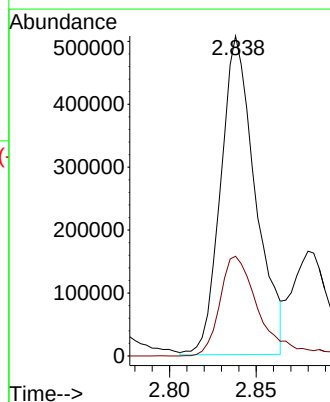
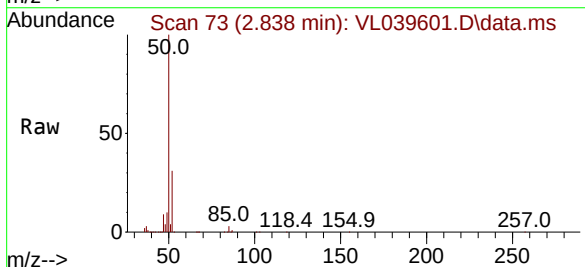
Manual Integrations
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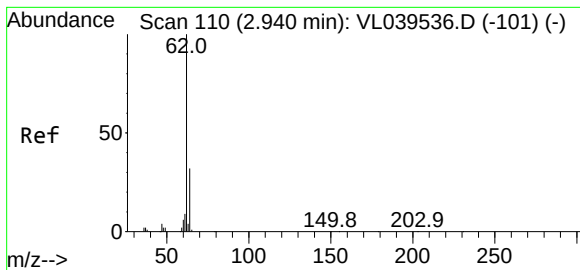
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#4
Chloromethane
Concen: 9.518 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

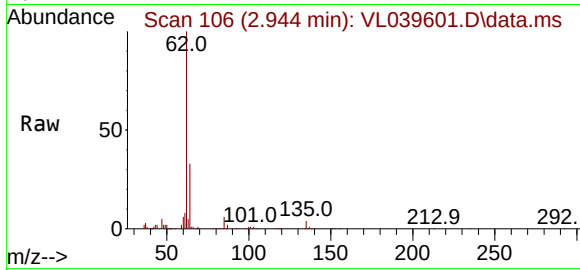
Tgt Ion: 50 Resp: 707378
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7





#5
 Vinyl Chloride
 Concen: 10.376 ppbv
 RT: 2.944 min Scan# 110
 Delta R.T. 0.004 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

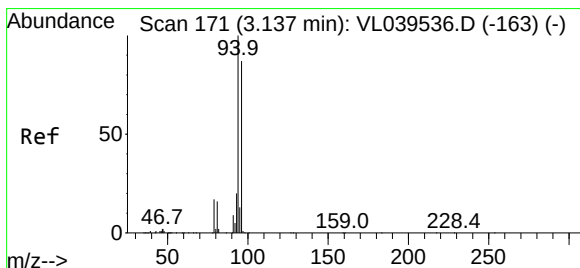
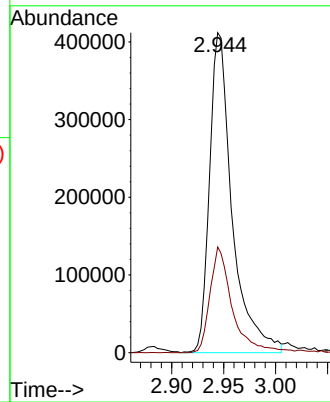
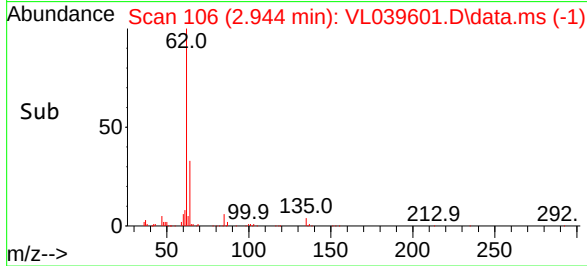
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 62239
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.6 36.8

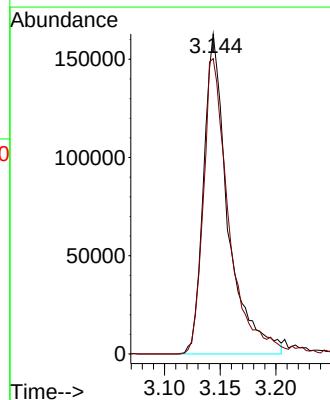
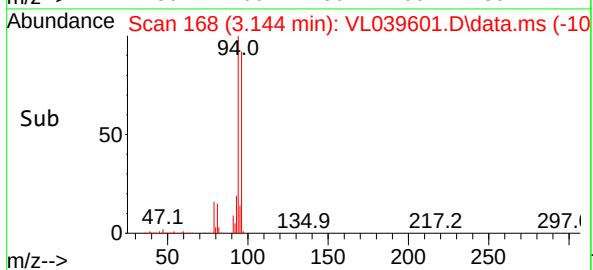
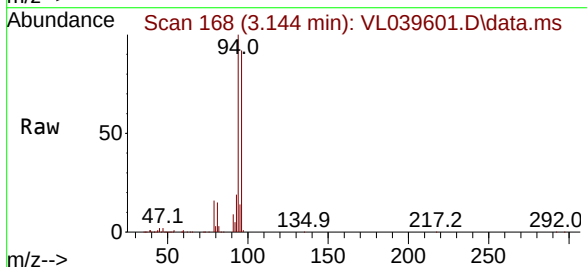
Manual Integrations
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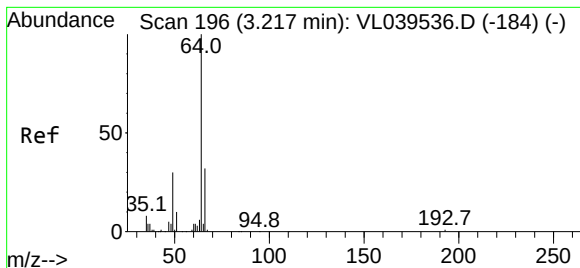
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#6
 Bromomethane
 Concen: 9.751 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

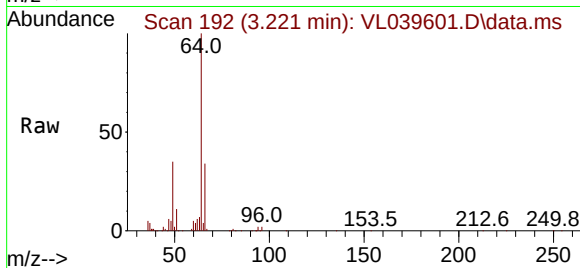
Tgt Ion: 94 Resp: 248037
 Ion Ratio Lower Upper
 94 100
 96 92.1 75.6 113.4





#7
Chloroethane
Concen: 9.838 ppbv
RT: 3.221 min Scan# 196
Delta R.T. 0.004 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

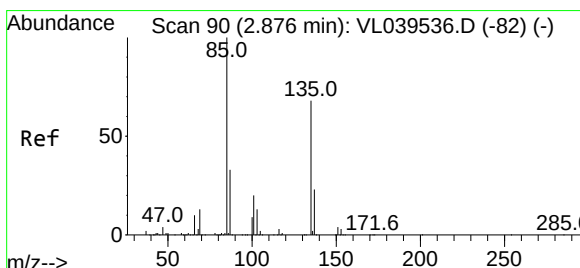
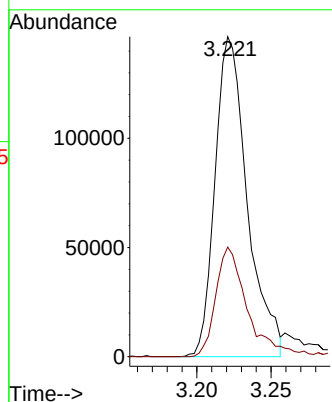
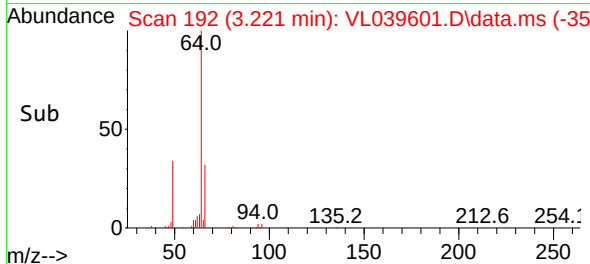
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



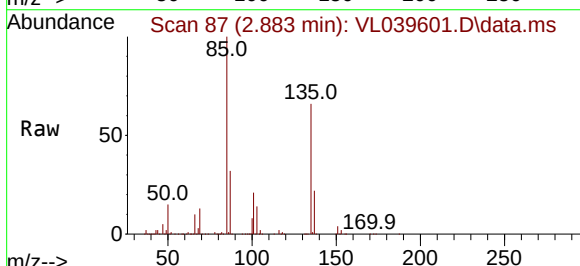
Tgt Ion: 64 Resp: 221092
Ion Ratio Lower Upper
64 100
66 34.3 24.7 37.1

Manual Integrations
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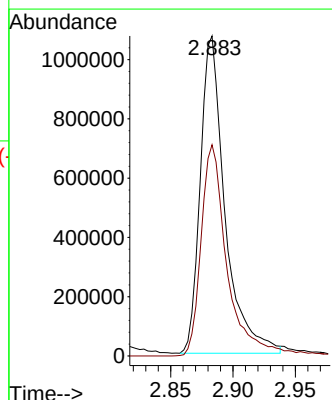
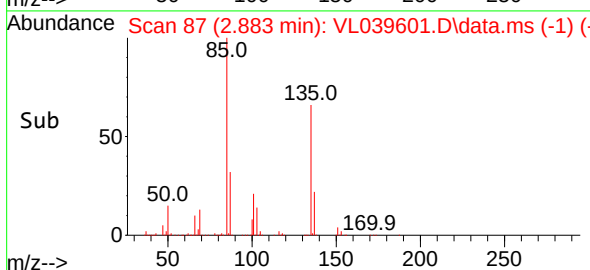
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

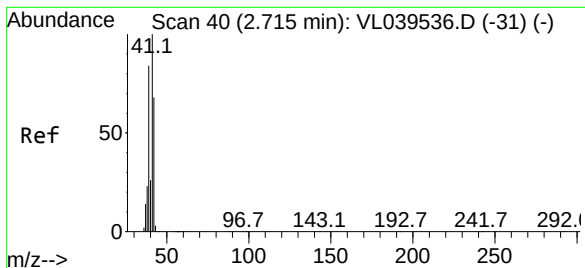


#8
Dichlorotetrafluoroethane
Concen: 10.002 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



Tgt Ion: 85 Resp: 1474549
Ion Ratio Lower Upper
85 100
135 71.6 59.0 88.4





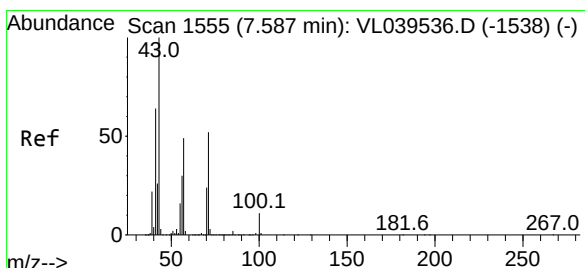
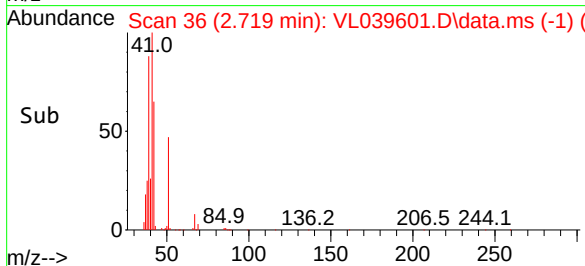
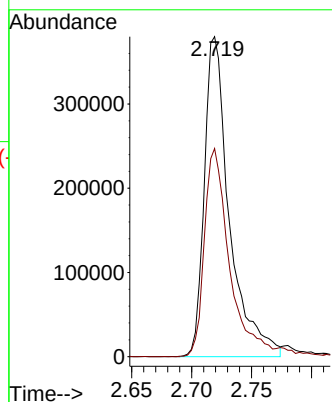
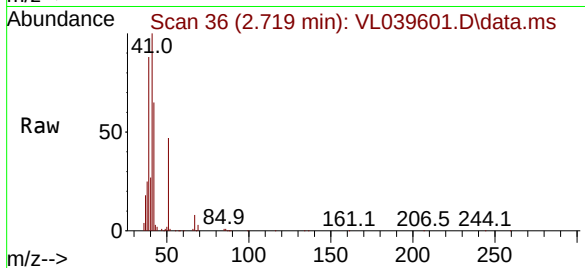
#9
 Propene
 Concen: 9.803 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 55344
 Ion Ratio Lower Upper
 41 100
 42 68.1 55.2 82.8

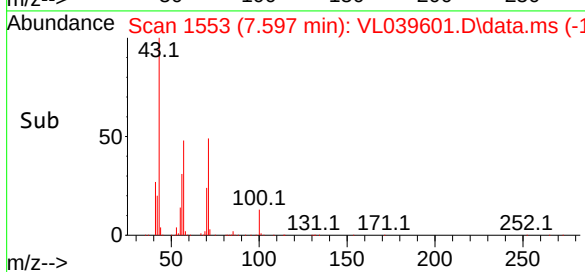
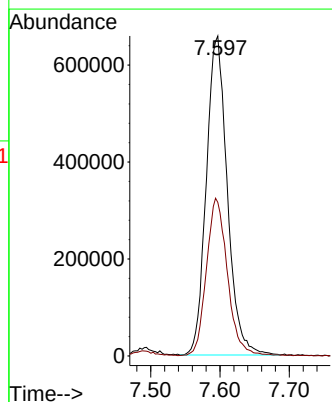
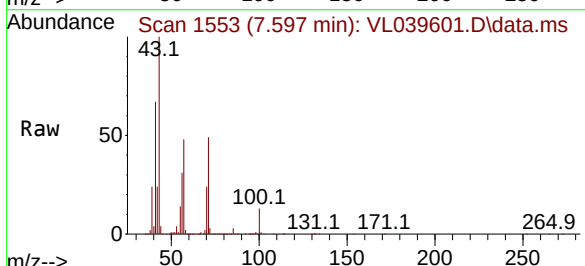
Manual Integrations
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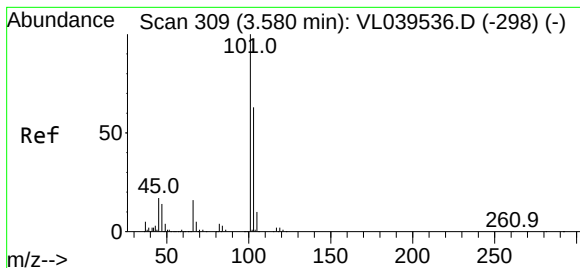
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#10
 Heptane
 Concen: 10.566 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.010 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

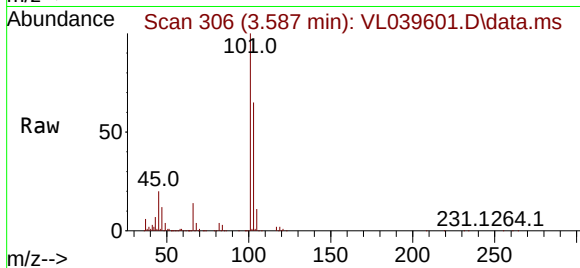
Tgt Ion: 43 Resp: 1381508
 Ion Ratio Lower Upper
 43 100
 57 50.3 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.570 ppbv
RT: 3.587 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

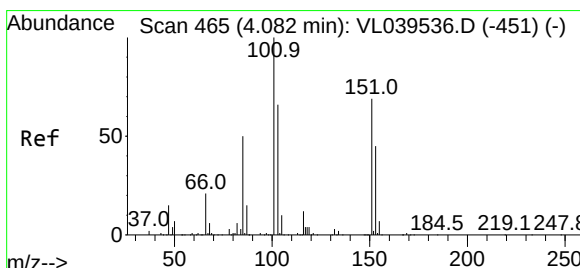
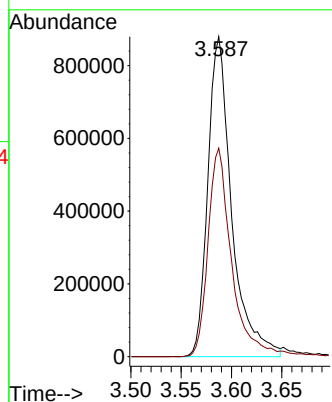
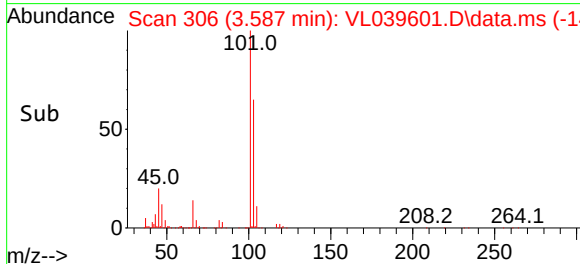
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



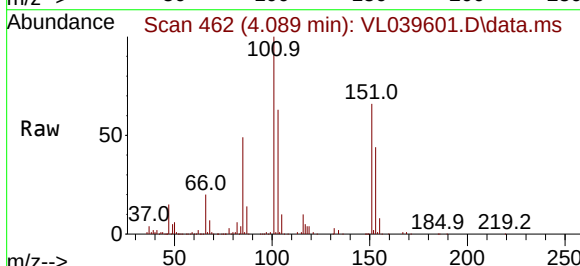
Tgt Ion:101 Resp: 144743
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

Manual Integrations
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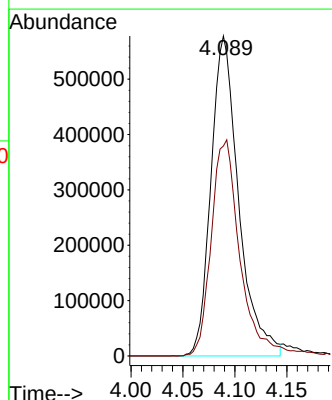
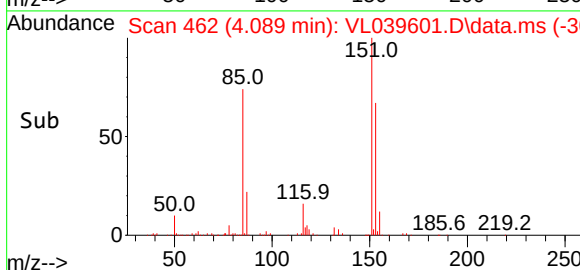
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

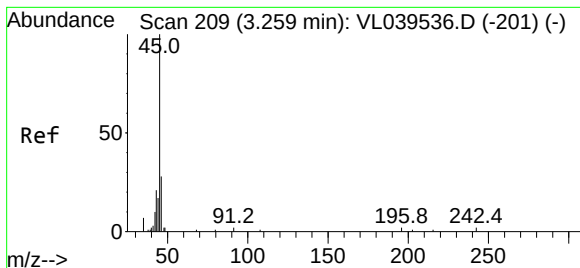


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.575 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



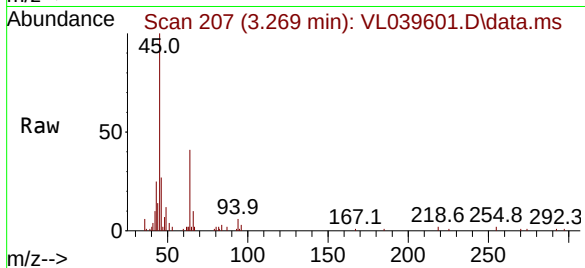
Tgt Ion:101 Resp: 1071194
Ion Ratio Lower Upper
101 100
151 71.2 58.9 88.3





#13
Ethanol
Concen: 8.763 ppbv m
RT: 3.269 min Scan# 209
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

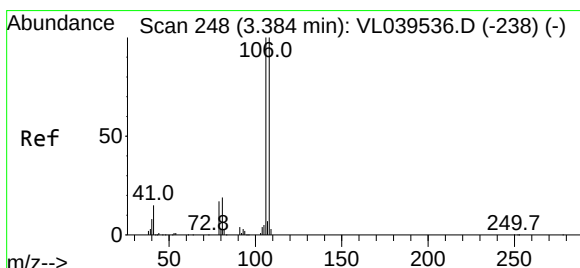
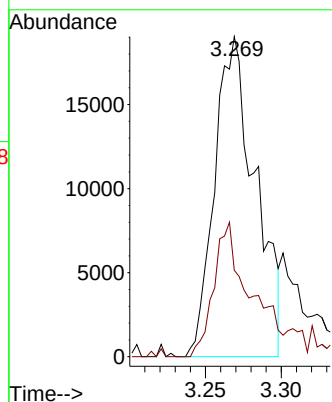
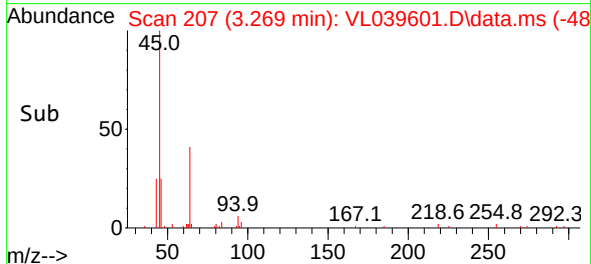
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



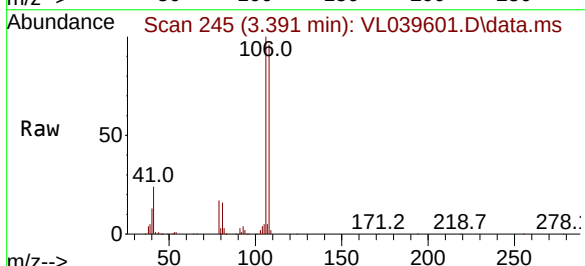
Tgt Ion: 45 Resp: 35550
Ion Ratio Lower Upper
45 100
46 44.3 22.8 91.2

Manual Integrations
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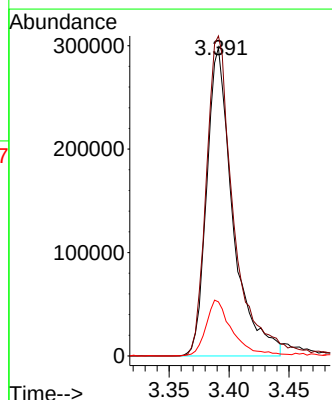
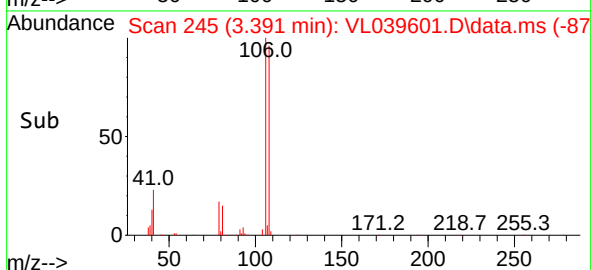
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

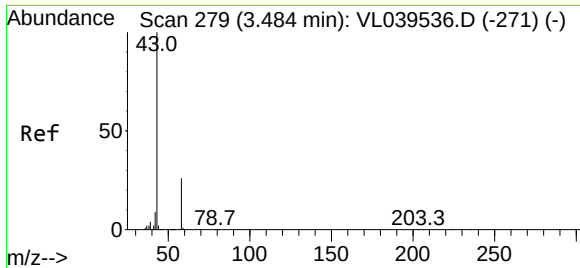


#14
Bromoethene
Concen: 9.908 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



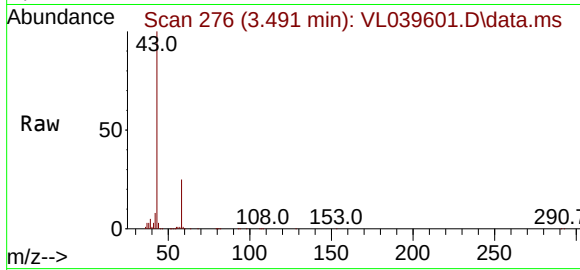
Tgt Ion:108 Resp: 452882
Ion Ratio Lower Upper
108 100
106 111.5 87.1 130.7
79 19.0 14.6 22.0





#15
Acetone
Concen: 9.243 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

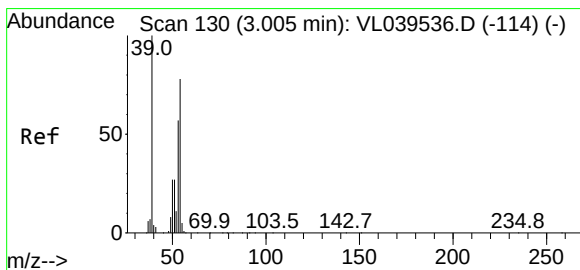
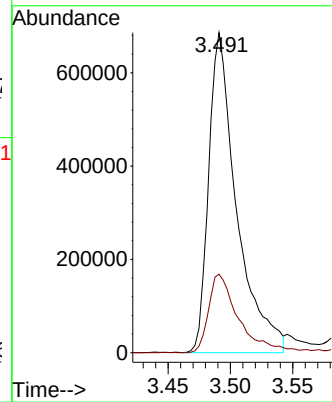
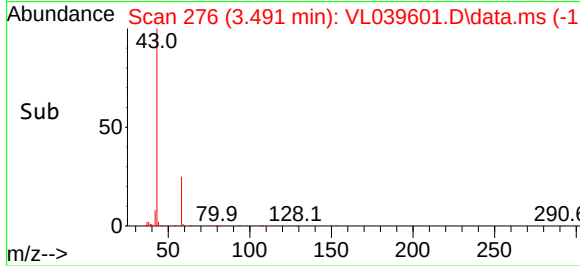
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



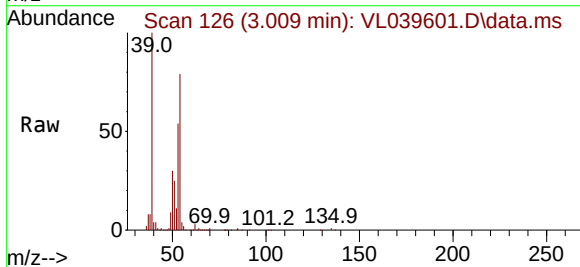
Tgt Ion: 43 Resp: 1072239
Ion Ratio Lower Upper
43 100
58 26.6 21.0 31.6

Manual Integrations
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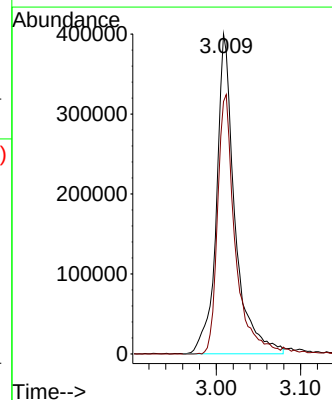
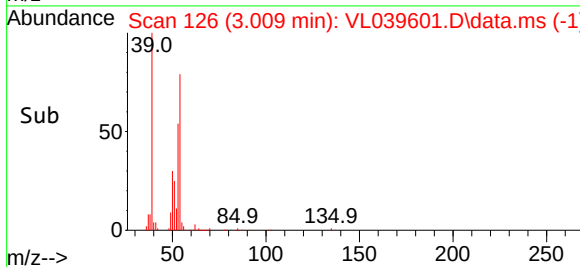
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

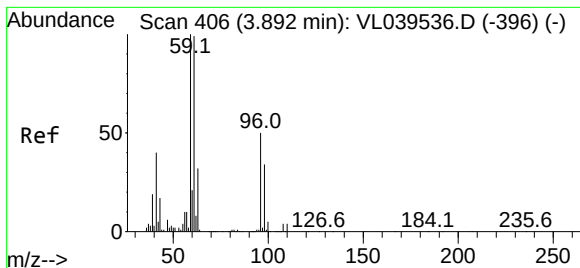


#16
1,3-Butadiene
Concen: 10.042 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



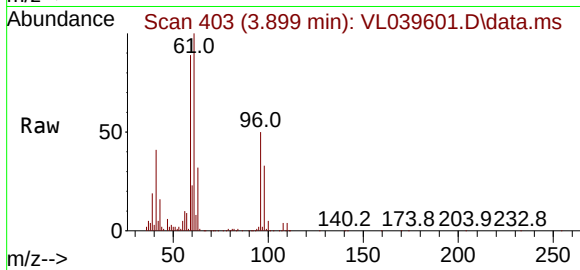
Tgt Ion: 39 Resp: 607872
Ion Ratio Lower Upper
39 100
54 78.9 63.7 95.5





#17
tert-Butyl alcohol
Concen: 9.576 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

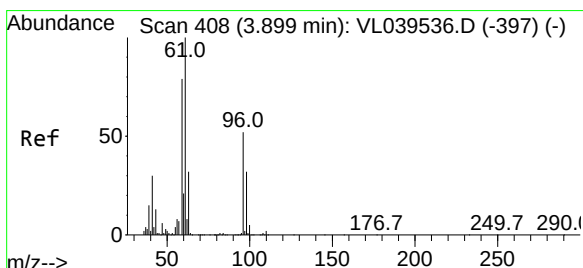
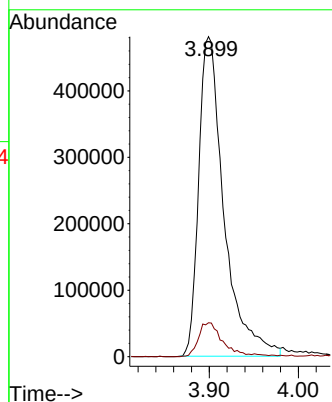
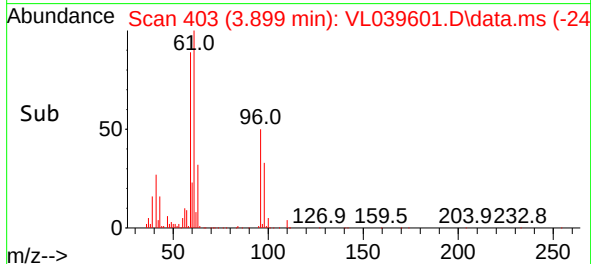
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



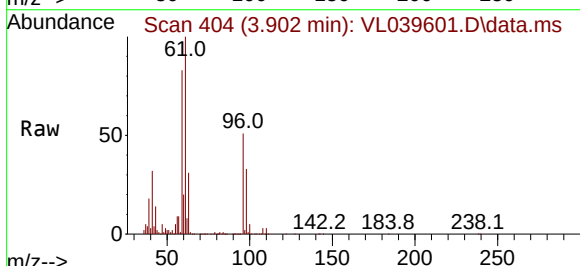
Tgt Ion: 59 Resp: 94802
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
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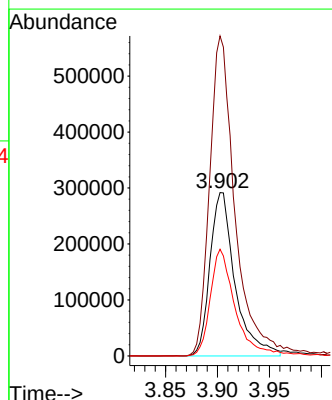
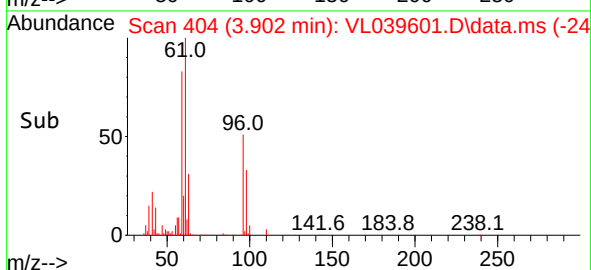
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

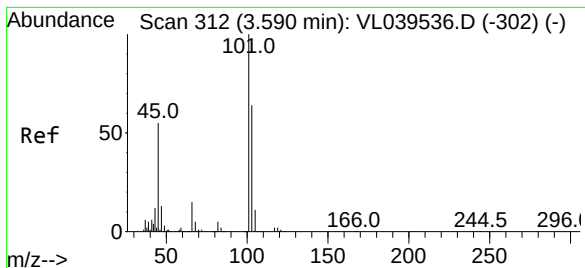


#18
1,1-Dichloroethene
Concen: 9.720 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.004 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



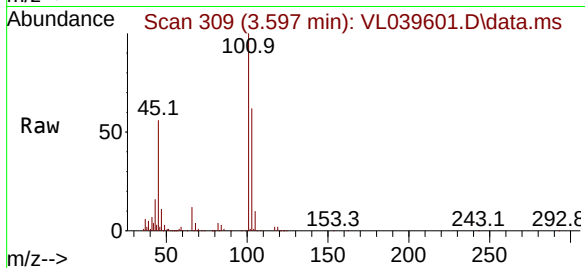
Tgt Ion: 96 Resp: 489757
Ion Ratio Lower Upper
96 100
61 195.7 152.2 228.4
98 65.3 51.8 77.6





#19
Isopropyl Alcohol
Concen: 10.348 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

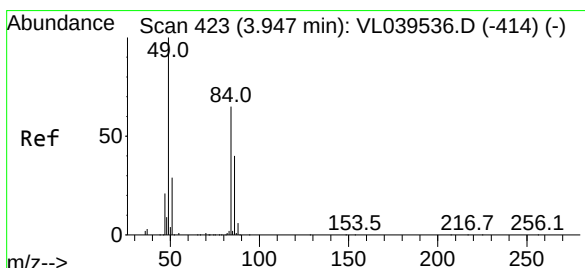
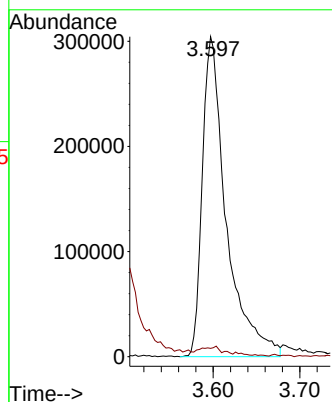
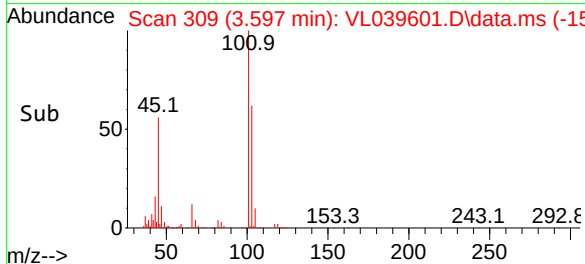
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 58396
Ion Ratio Lower Upper
45 100
58 3.8 3.2 4.8

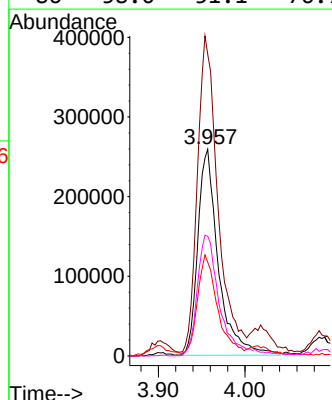
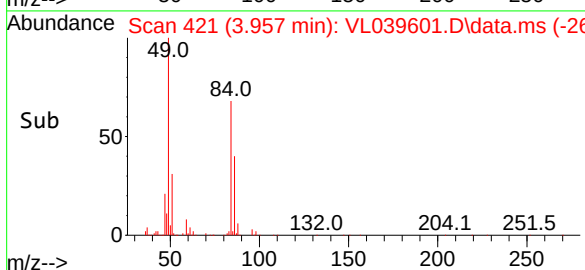
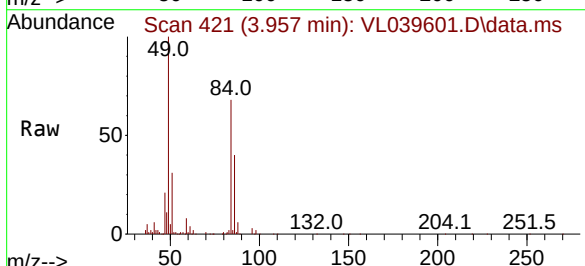
Manual Integrations
APPROVED

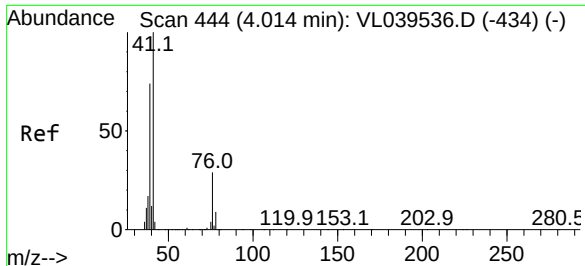
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#20
Methylene Chloride
Concen: 9.070 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

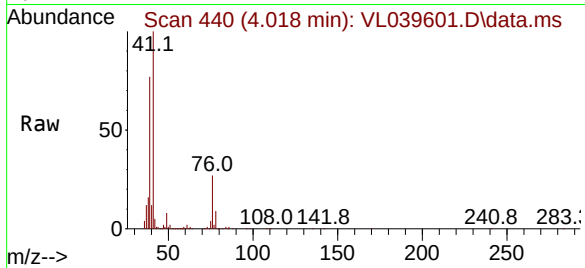
Tgt Ion: 84 Resp: 427477
Ion Ratio Lower Upper
84 100
49 144.7 123.1 184.7
51 44.2 34.4 51.6
86 58.0 51.1 76.7





#21
 Allyl Chloride
 Concen: 10.338 ppbv
 RT: 4.018 min Scan# 444
 Delta R.T. 0.004 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

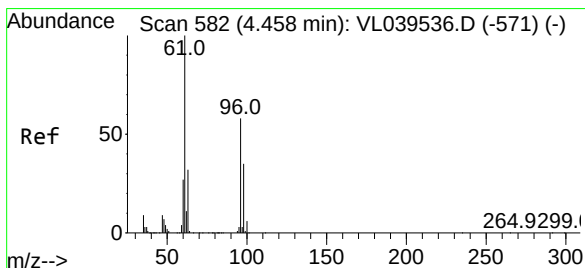
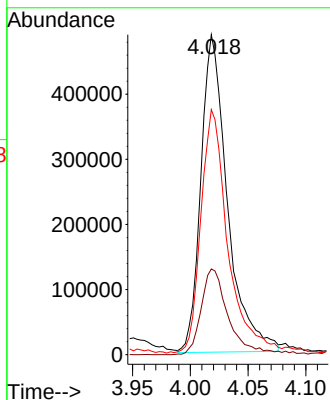
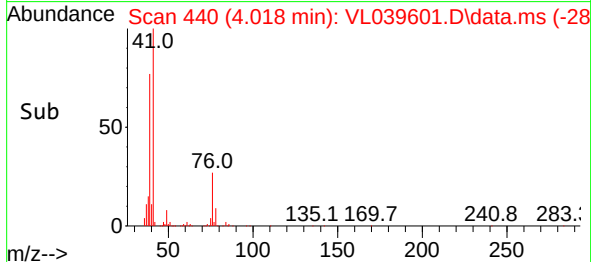
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 780098
 Ion Ratio Lower Upper
 41 100
 76 28.0 24.4 36.6
 39 79.4 63.5 95.3

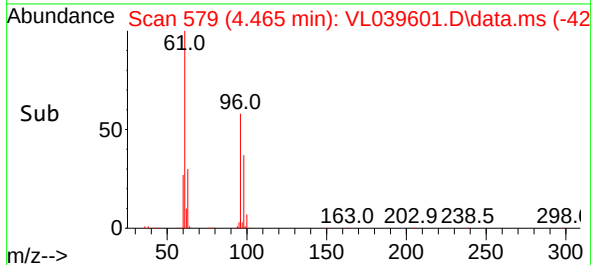
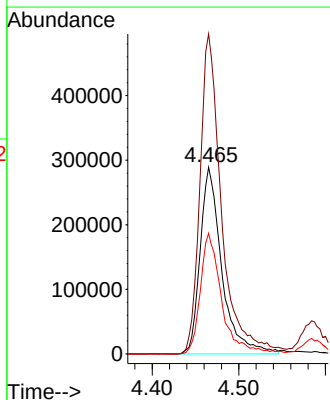
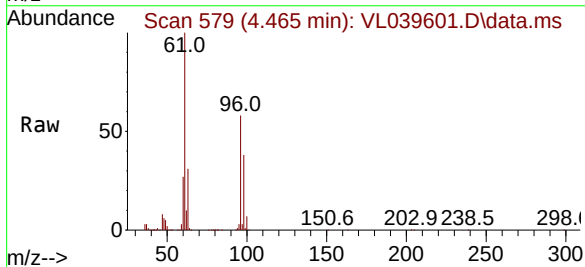
Manual Integrations
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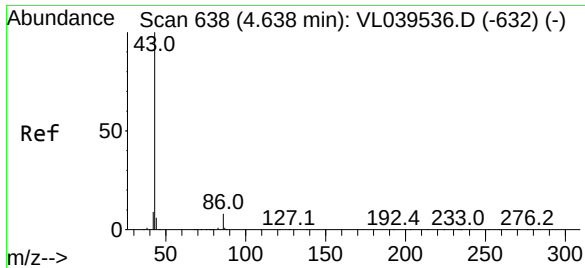
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.050 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.007 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

Tgt Ion: 96 Resp: 503660
 Ion Ratio Lower Upper
 96 100
 61 171.4 130.6 195.8
 98 64.6 53.4 80.0





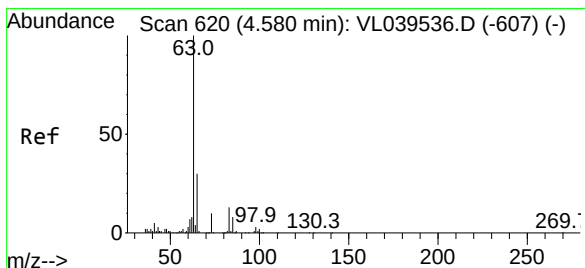
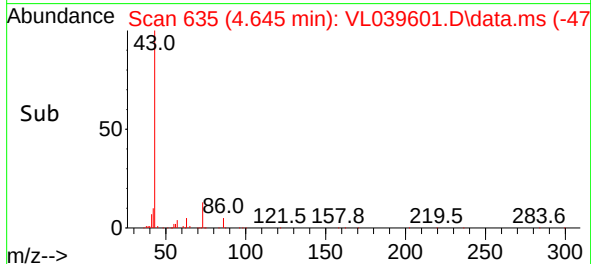
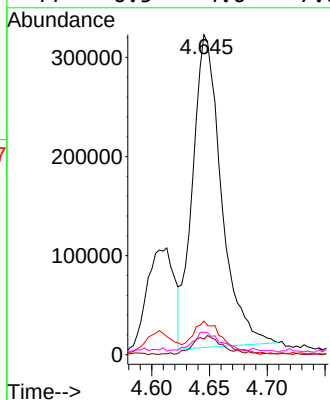
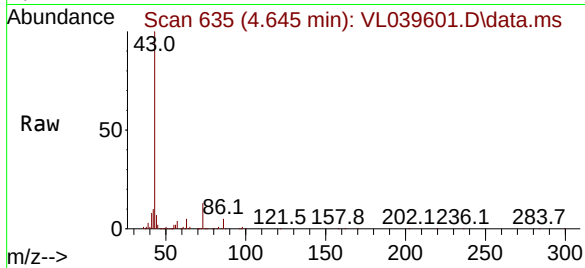
#23
 Vinyl Acetate
 Concen: 9.936 ppbv
 RT: 4.645 min Scan# 616
 Delta R.T. 0.007 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 548073
 Ion Ratio Lower Upper
 43 100
 86 4.9 5.0 7.6
 42 10.4 7.7 11.5
 44 6.5 4.6 7.0

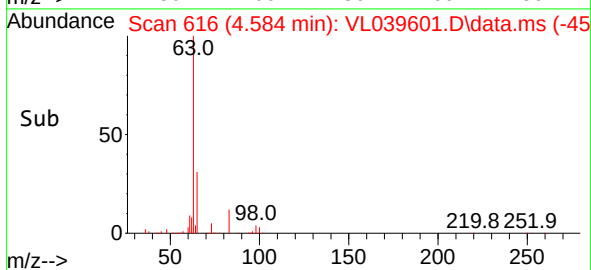
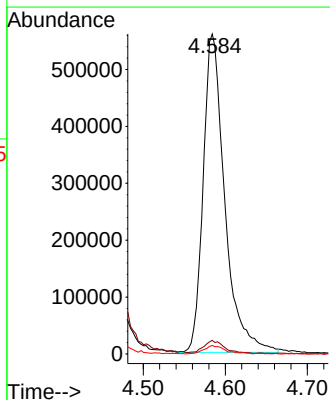
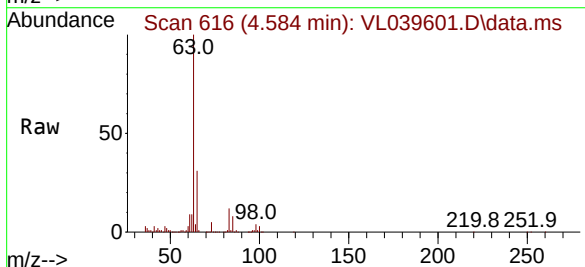
Manual Integrations
 APPROVED

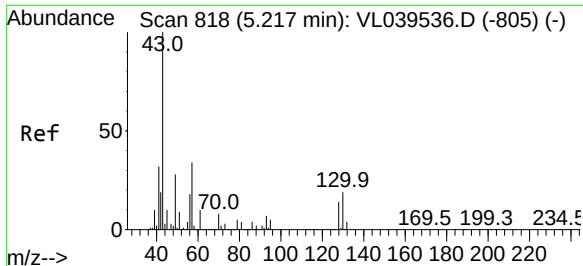
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#24
 1,1-Dichloroethane
 Concen: 10.012 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.004 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

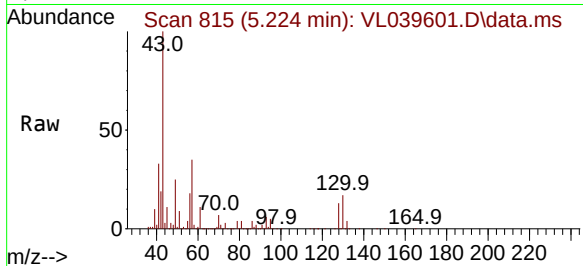
Tgt Ion: 63 Resp: 1022254
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.3
 100 2.6 1.5 4.4





#25
Ethyl Acetate
Concen: 9.958 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

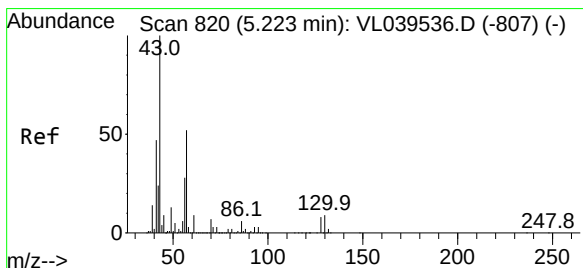
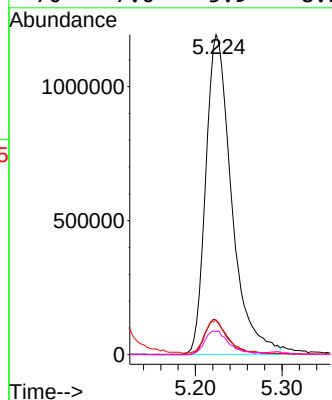
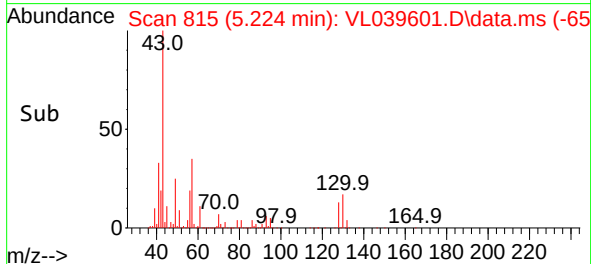


Tgt Ion: 43 Resp: 247173

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	10.4	8.3	12.5
70	7.0	5.9	8.9

Manual Integrations
APPROVED

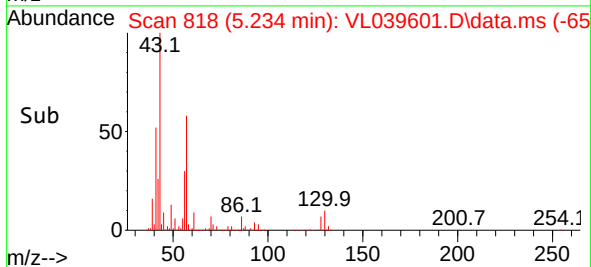
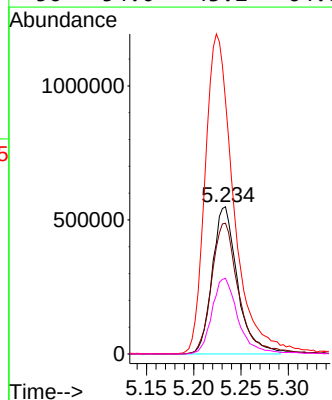
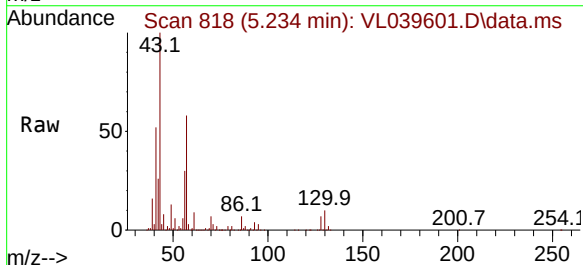
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

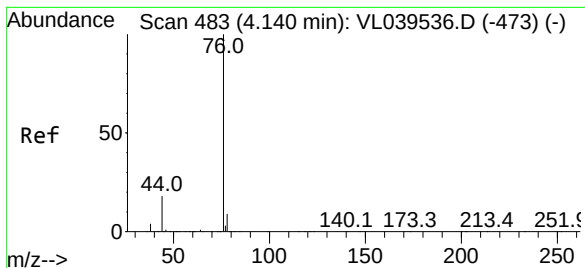


#26
Hexane
Concen: 10.058 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

Tgt Ion: 57 Resp: 1019005

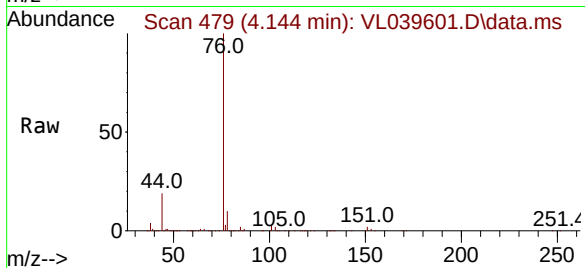
Ion	Ratio	Lower	Upper
57	100		
41	96.6	76.9	115.3
43	247.8	191.0	286.6
56	54.0	43.2	64.8





#27
Carbon Disulfide
Concen: 10.748 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

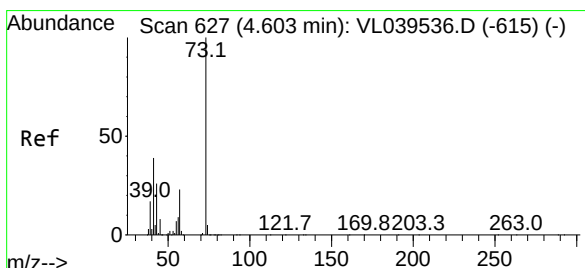
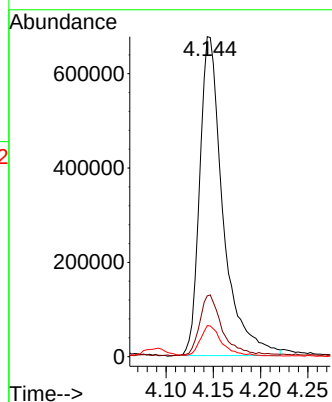
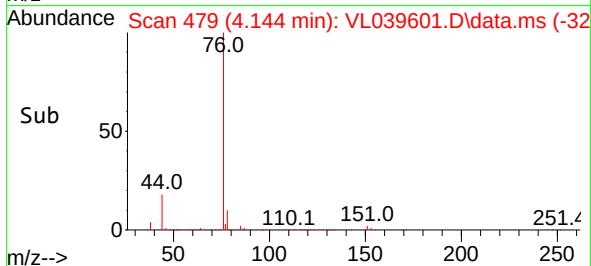
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



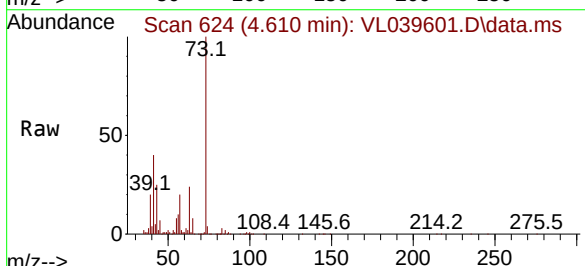
Tgt Ion: 76 Resp: 116322
Ion Ratio Lower Upper
76 100
44 19.8 14.6 21.8
78 9.7 7.8 11.6

Manual Integrations
APPROVED

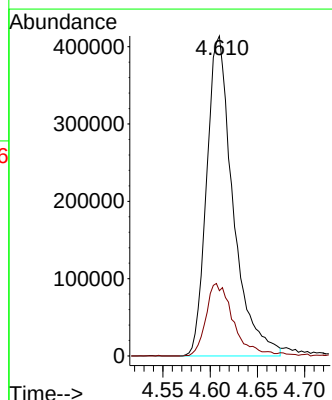
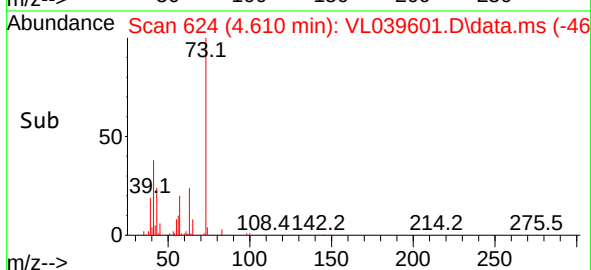
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

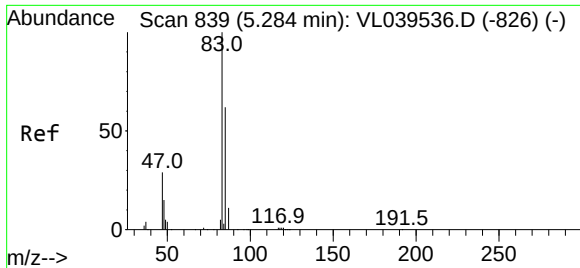


#28
Methyl tert-Butyl Ether
Concen: 9.186 ppbv
RT: 4.610 min Scan# 624
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



Tgt Ion: 73 Resp: 802794
Ion Ratio Lower Upper
73 100
57 23.9 19.8 29.8





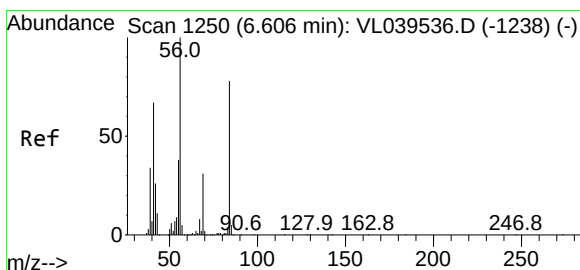
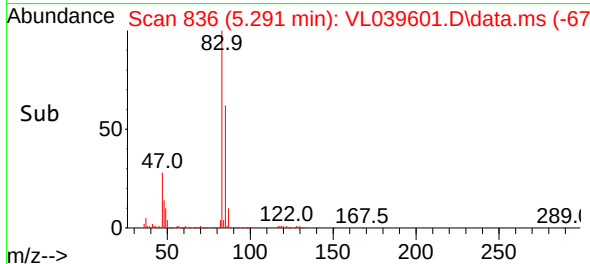
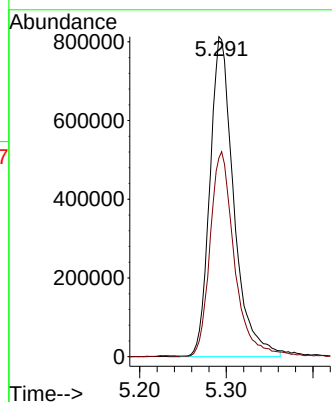
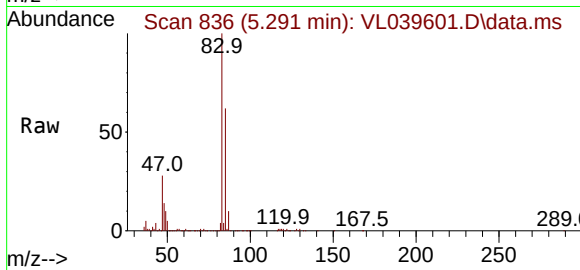
#29
Chloroform
Concen: 9.828 ppbv
RT: 5.291 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1557194
Ion Ratio Lower Upper
83 100
85 61.9 52.8 79.2

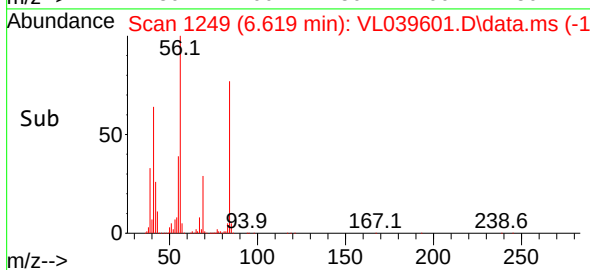
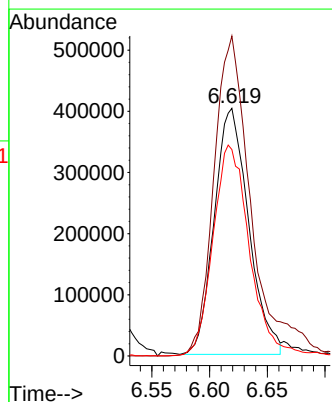
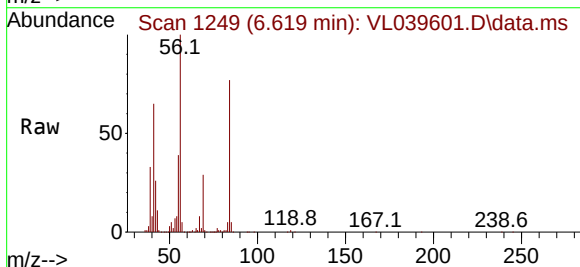
Manual Integrations
APPROVED

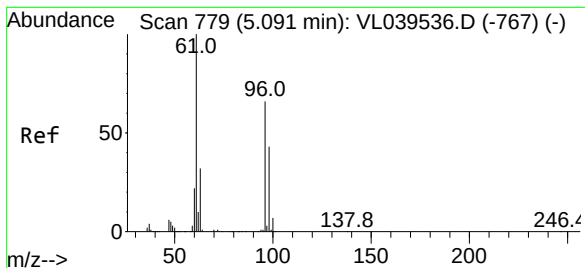
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#30
Cyclohexane
Concen: 9.921 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.013 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

Tgt Ion: 84 Resp: 832305
Ion Ratio Lower Upper
84 100
56 142.8 107.7 161.5
41 91.1 67.7 101.5





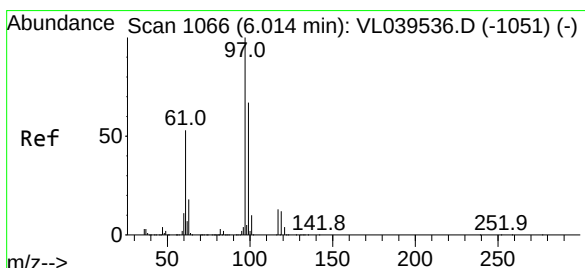
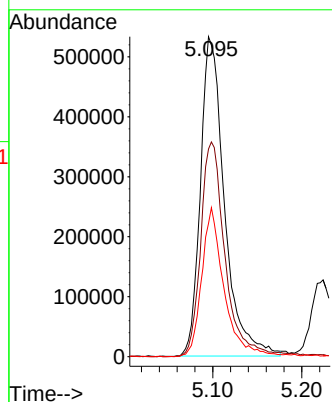
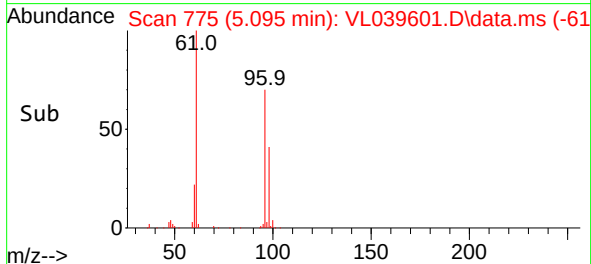
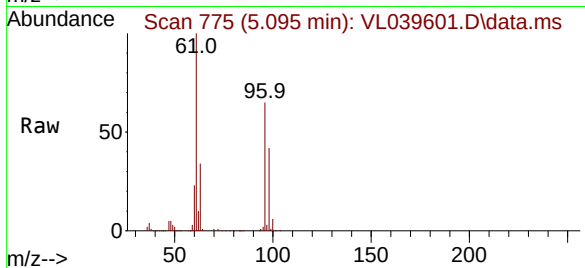
#31
 cis-1,2-Dichloroethene
 Concen: 10.173 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 998212
 Ion Ratio Lower Upper
 61 100
 96 64.9 54.1 81.1
 98 41.6 34.6 52.0

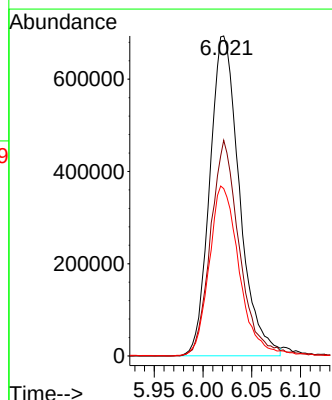
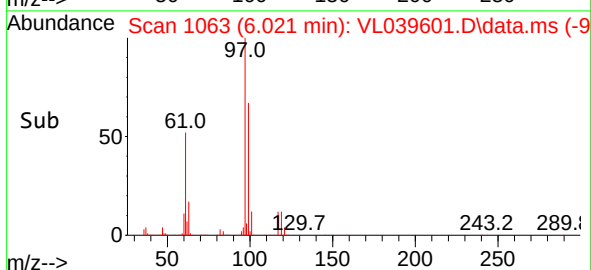
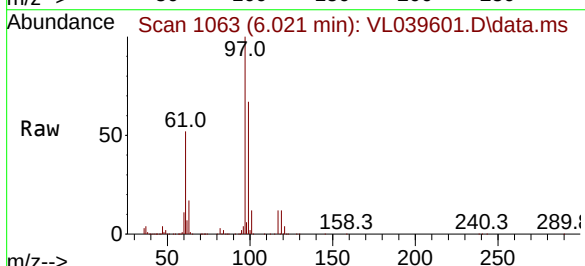
Manual Integrations
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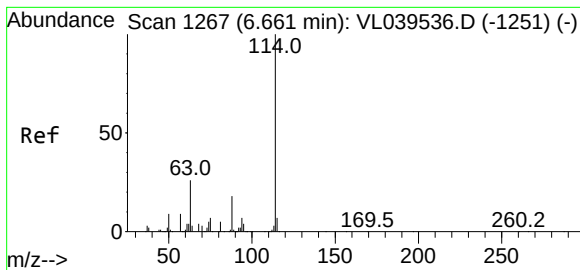
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.534 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. 0.007 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

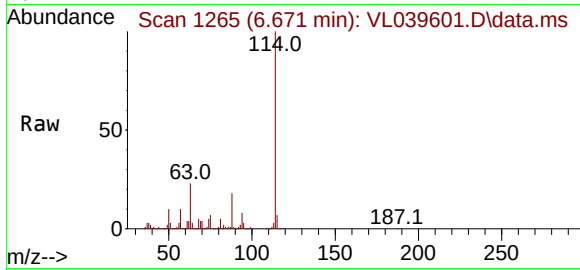
Tgt Ion: 97 Resp: 1468287
 Ion Ratio Lower Upper
 97 100
 99 66.2 52.3 78.5
 61 54.7 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

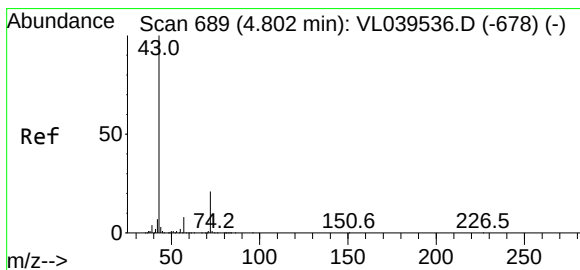
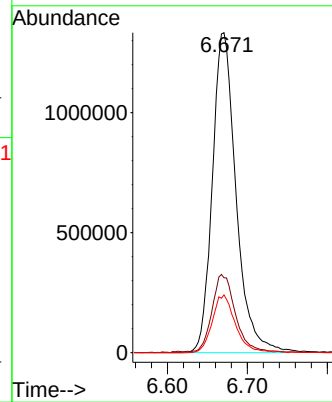
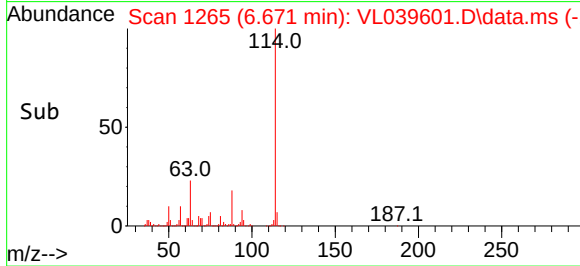
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 273902
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 17.9 14.5 21.7

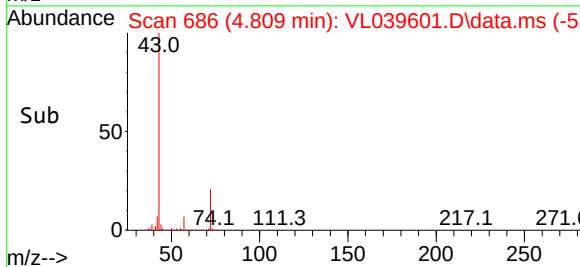
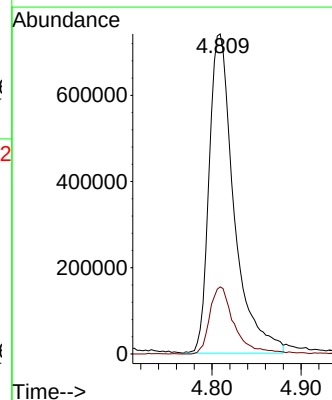
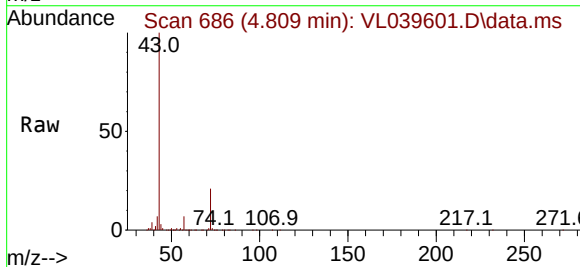
Manual Integrations
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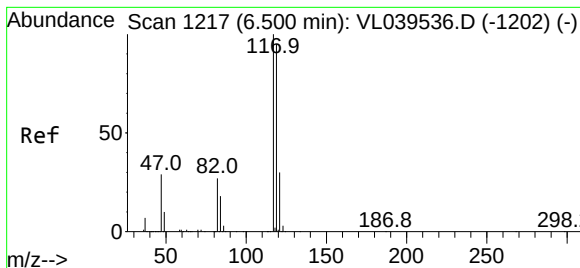
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#34
2-Butanone
Concen: 10.548 ppbv
RT: 4.809 min Scan# 686
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

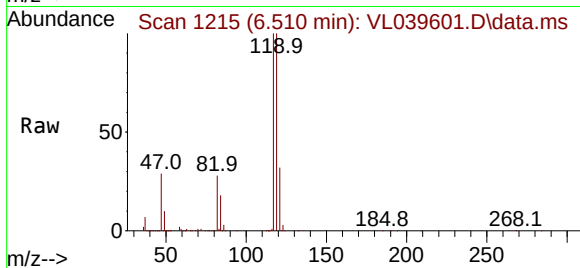
Tgt Ion: 43 Resp: 1436340
Ion Ratio Lower Upper
43 100
72 21.2 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.783 ppbv
RT: 6.510 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

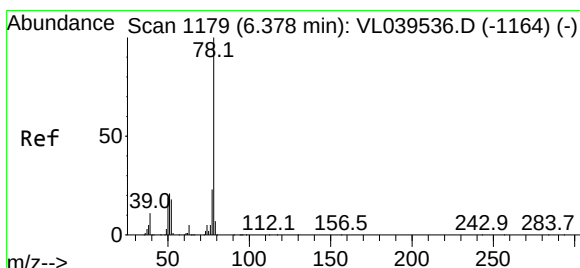
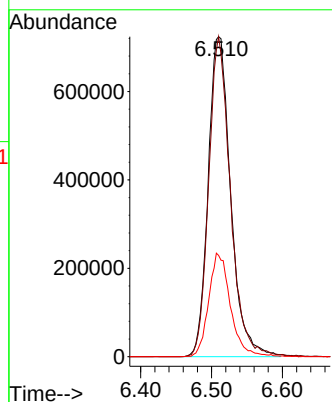
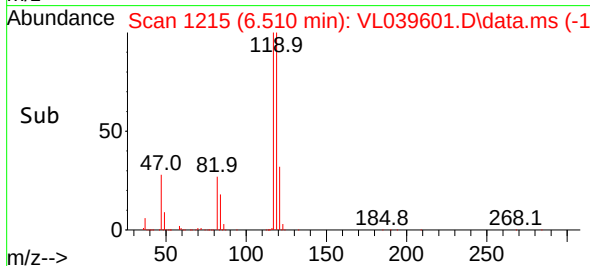
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 159645
Ion Ratio Lower Upper
117 100
119 100.0 75.4 113.2
121 31.6 24.2 36.2

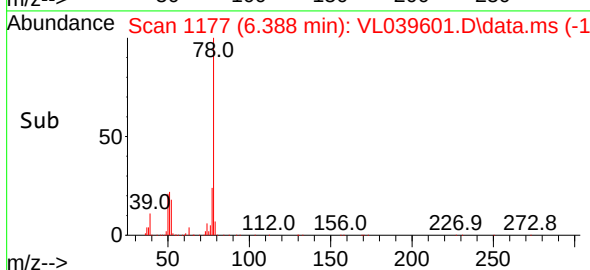
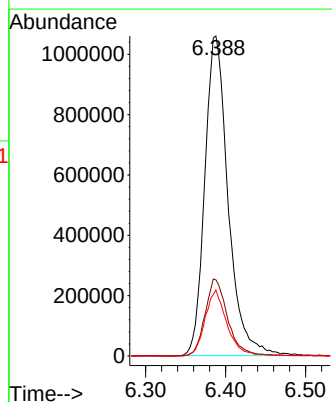
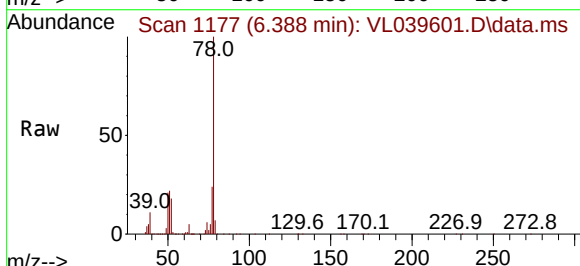
Manual Integrations
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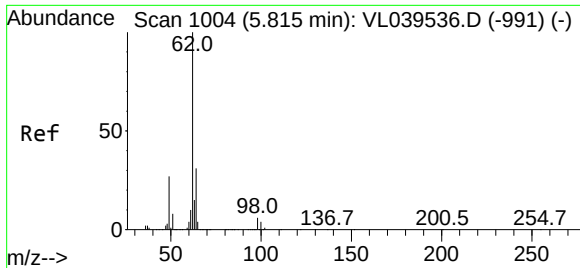
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#36
Benzene
Concen: 10.313 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

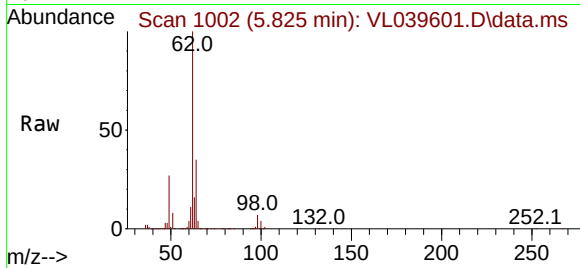
Tgt Ion: 78 Resp: 2153322
Ion Ratio Lower Upper
78 100
77 23.8 20.3 30.5
50 20.5 15.5 23.3





#37
1,2-Dichloroethane
Concen: 10.049 ppbv
RT: 5.825 min Scan# 1004
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

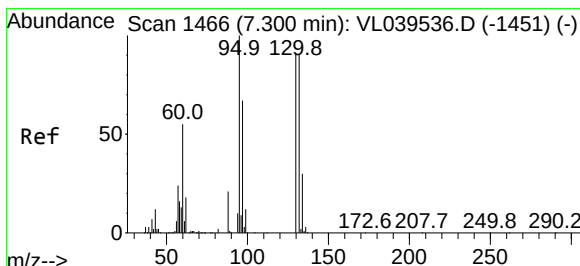
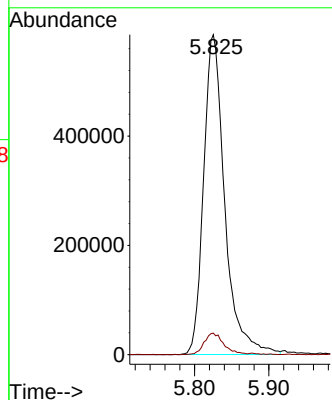
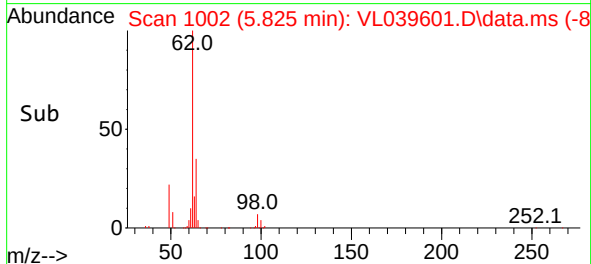
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1155780
Ion Ratio Lower Upper
62 100
98 6.7 5.1 7.7

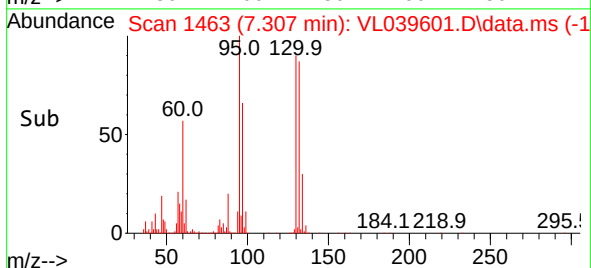
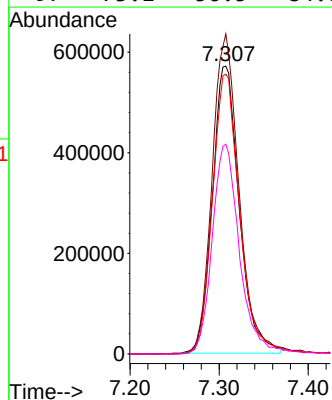
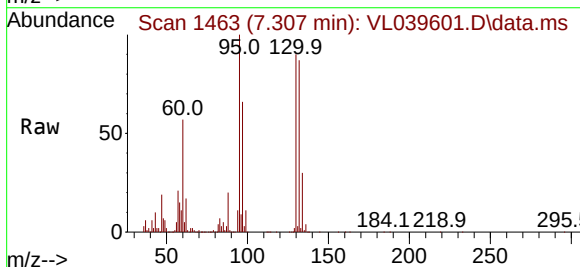
Manual Integrations
APPROVED

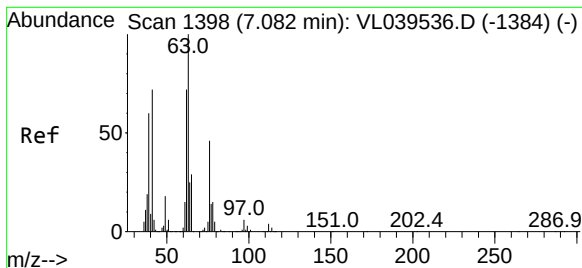
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#38
Trichloroethene
Concen: 10.707 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

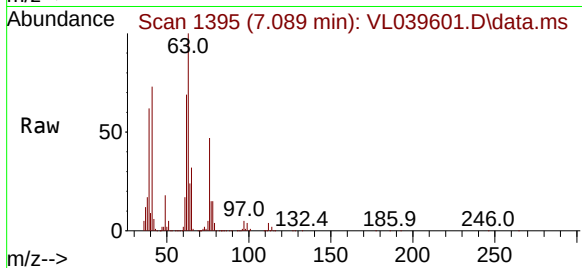
Tgt Ion:130 Resp: 1197791
Ion Ratio Lower Upper
130 100
95 111.3 87.3 130.9
132 97.3 76.7 115.1
97 73.1 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.281 ppbv
RT: 7.089 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

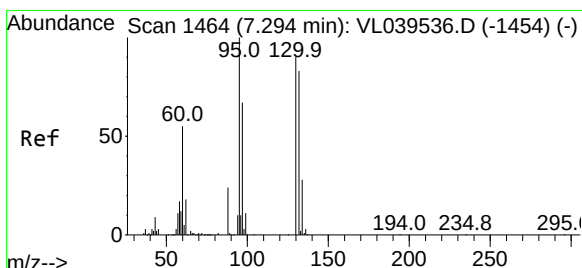
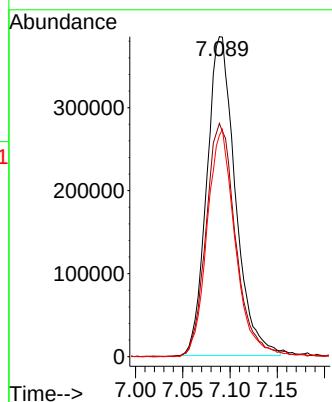
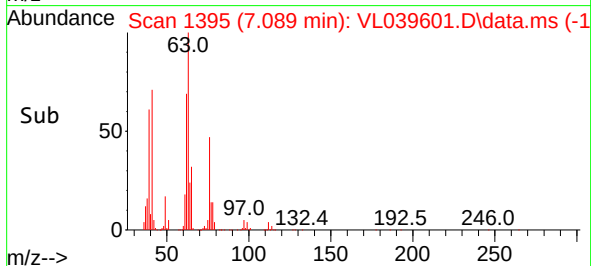
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 807059
Ion Ratio Lower Upper
63 100
41 72.7 59.6 89.4
62 69.4 51.4 77.0

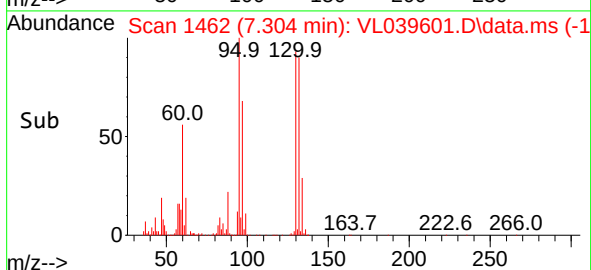
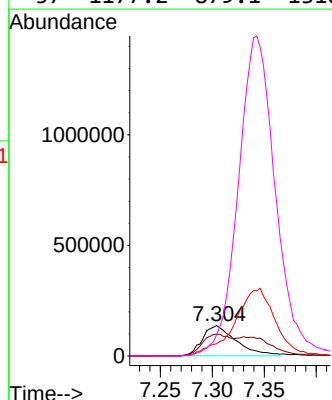
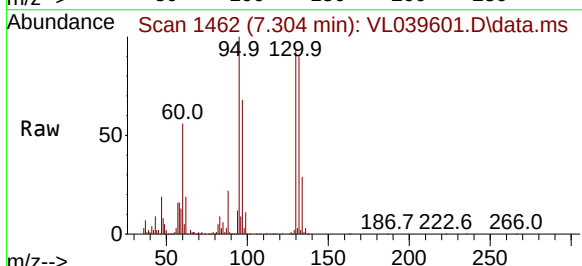
Manual Integrations
APPROVED

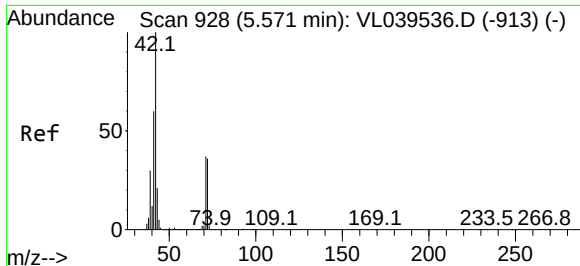
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#40
1,4-Dioxane
Concen: 10.008 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

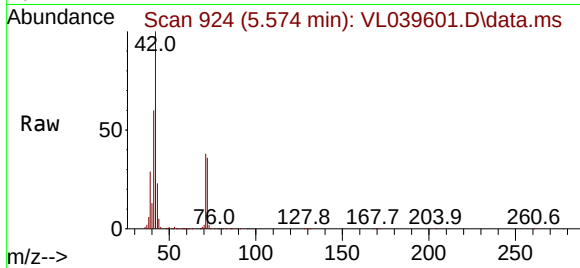
Tgt Ion: 88 Resp: 307571
Ion Ratio Lower Upper
88 100
58 129.8 100.2 150.4
43 272.8 205.8 308.6
57 1177.2 879.1 1318.7





#41
Tetrahydrofuran
Concen: 10.712 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.004 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

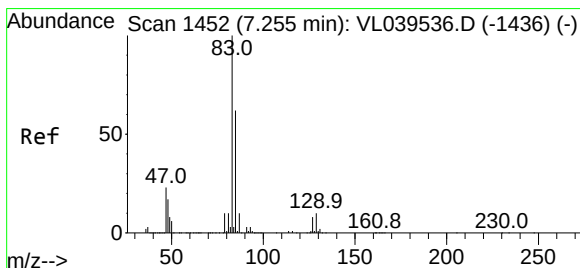
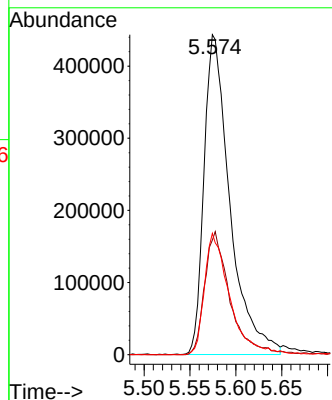
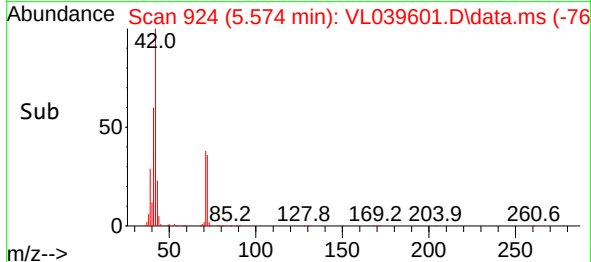
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 871344
Ion Ratio Lower Upper
42 100
72 38.1 31.8 47.8
71 37.4 31.8 47.8

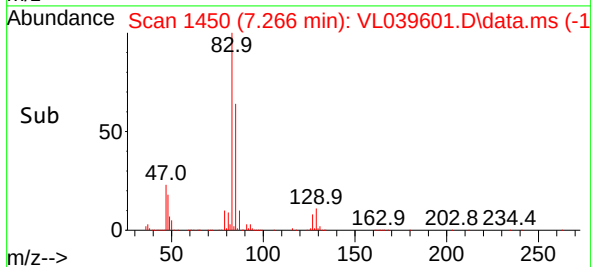
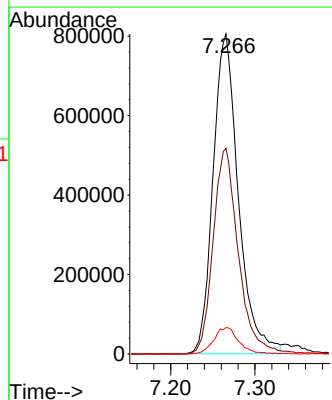
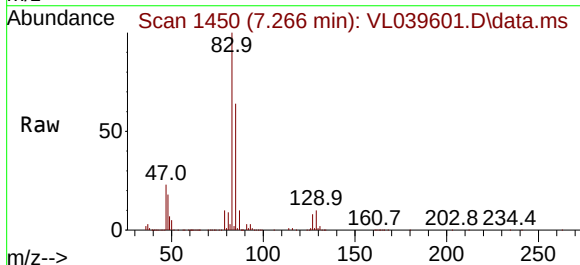
Manual Integrations
APPROVED

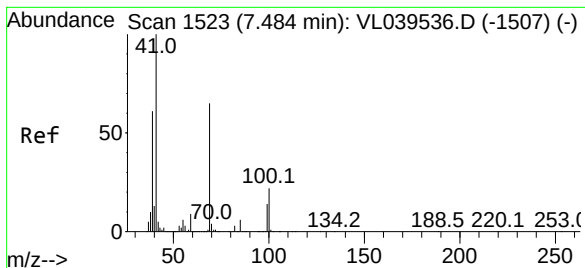
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#42
Bromodichloromethane
Concen: 10.671 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

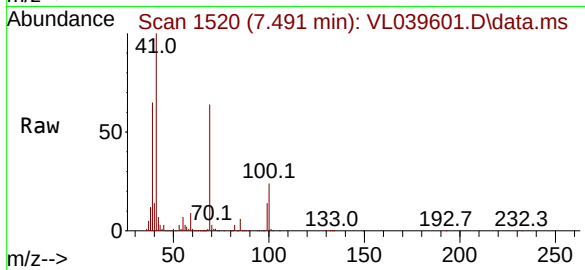
Tgt Ion: 83 Resp: 1679432
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1
127 8.3 6.6 9.8





#43
Methyl Methacrylate
Concen: 11.203 ppbv
RT: 7.491 min Scan# 1523
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

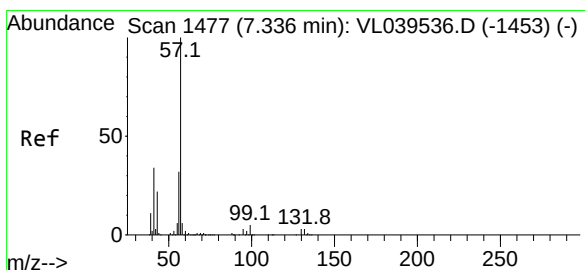
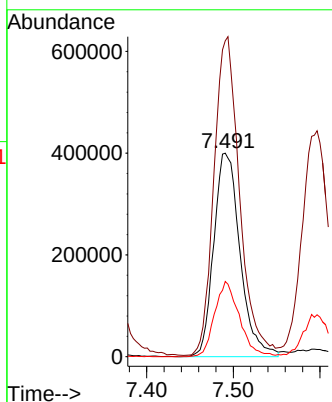
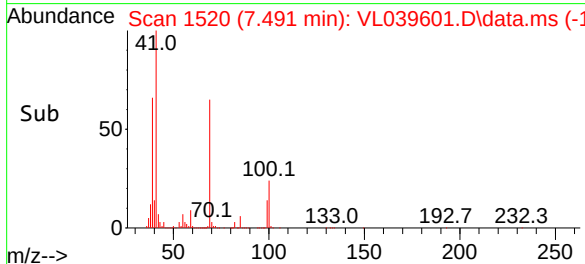
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 843452
Ion Ratio Lower Upper
69 100
41 154.1 120.8 181.2
100 35.0 27.8 41.6

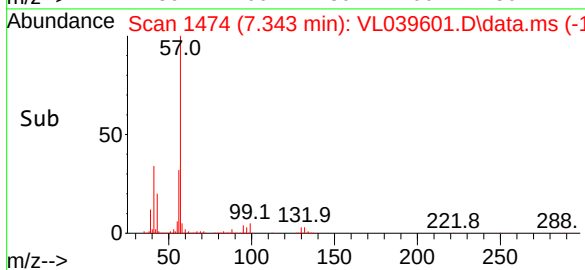
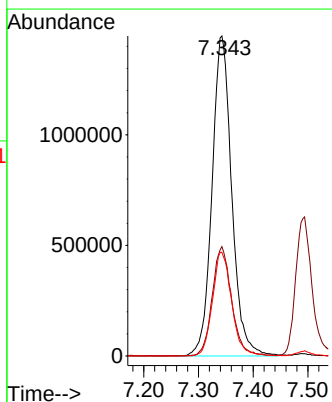
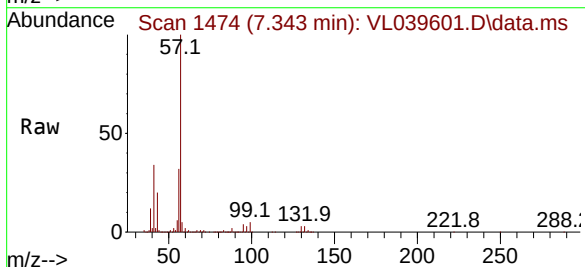
Manual Integrations
APPROVED

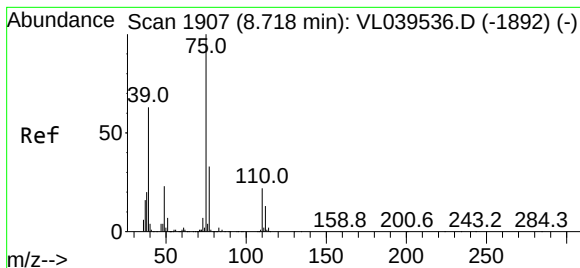
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#44
2,2,4-Trimethylpentane
Concen: 10.276 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

Tgt Ion: 57 Resp: 3616712
Ion Ratio Lower Upper
57 100
41 33.6 27.4 41.2
56 31.6 24.5 36.7





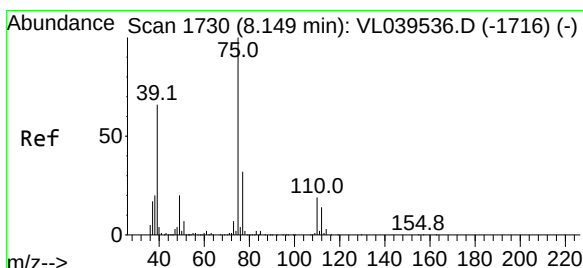
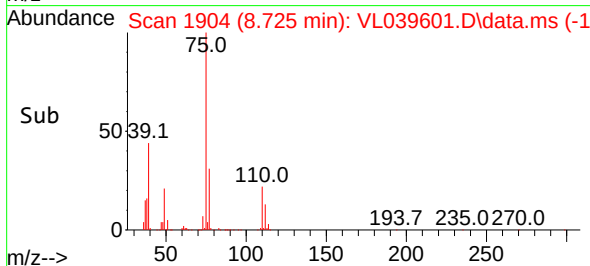
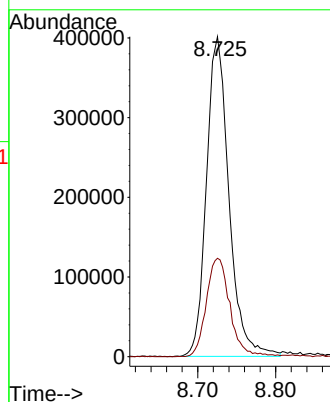
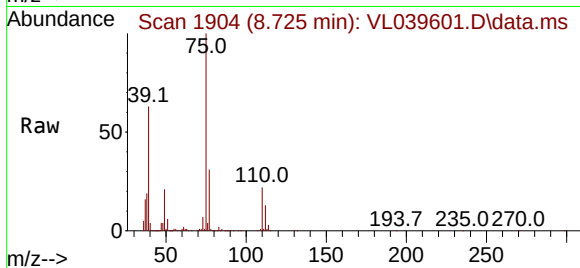
#45
 t-1,3-Dichloropropene
 Concen: 12.287 ppbv
 RT: 8.725 min Scan# 1904
 Delta R.T. 0.007 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 75 Resp: 80563
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8

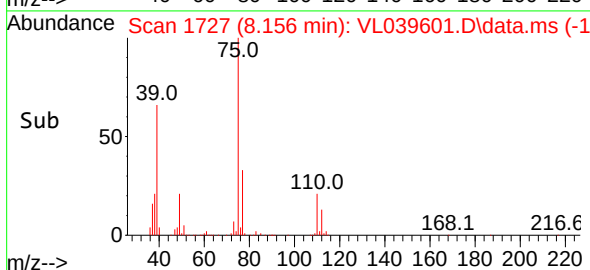
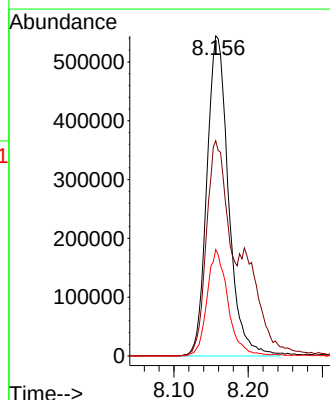
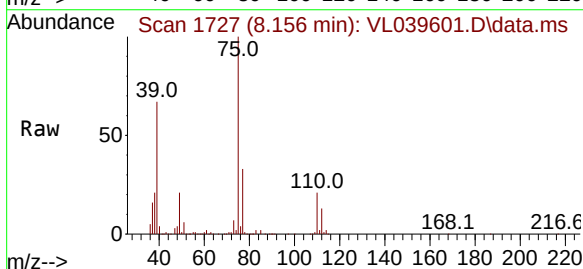
Manual Integrations
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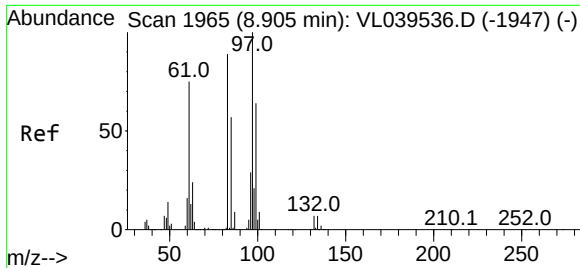
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#46
 cis-1,3-Dichloropropene
 Concen: 12.135 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. 0.007 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

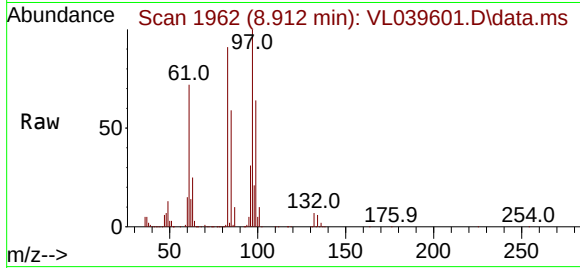
Tgt Ion: 75 Resp: 1102100
 Ion Ratio Lower Upper
 75 100
 39 67.2 55.0 82.4
 77 33.1 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.915 ppbv
RT: 8.912 min Scan# 1965
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

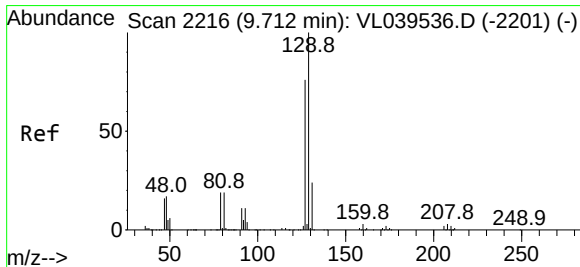
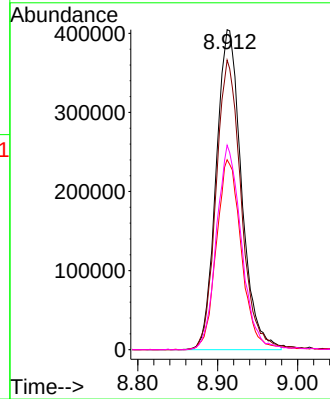
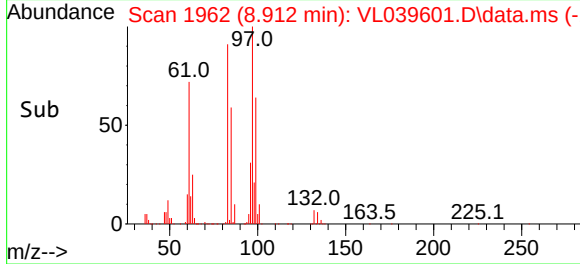
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion	97	Resp	88891
Ion	Ratio	Lower	Upper
97	100		
83	90.5	67.4	101.0
85	59.3	45.1	67.7
99	63.9	48.6	73.0

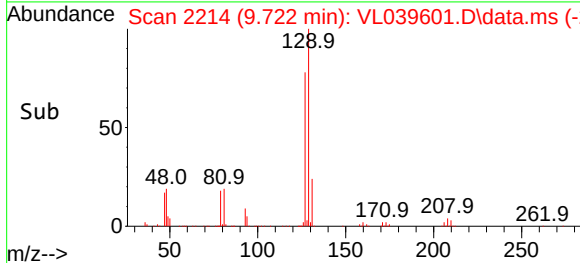
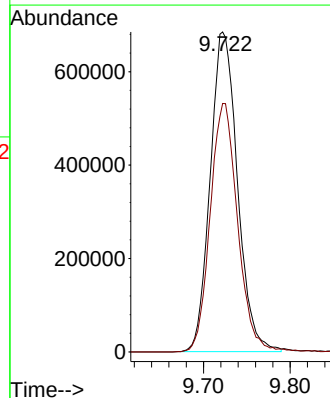
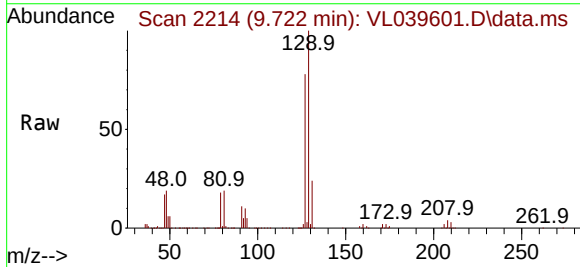
Manual Integrations
APPROVED

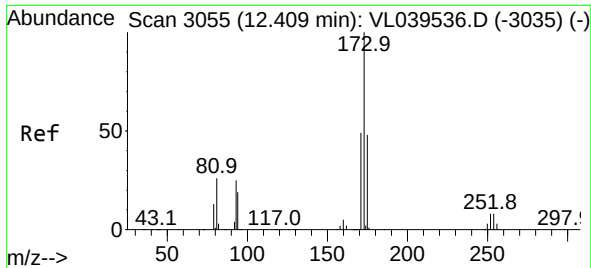
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#48
Dibromochloromethane
Concen: 11.333 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

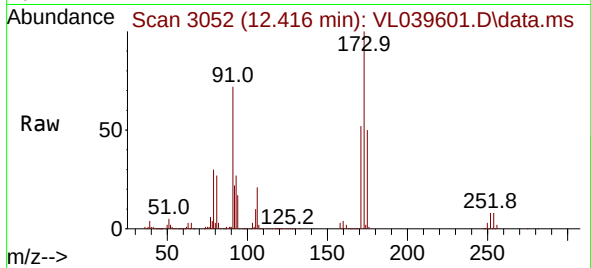
Tgt Ion	129	Resp	1497605
Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.3	117.9





#49
Bromoform
Concen: 11.878 ppbv
RT: 12.416 min Scan# 3055
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

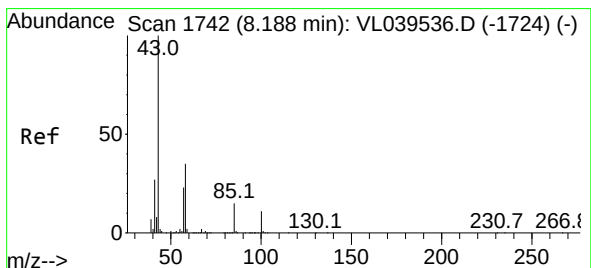
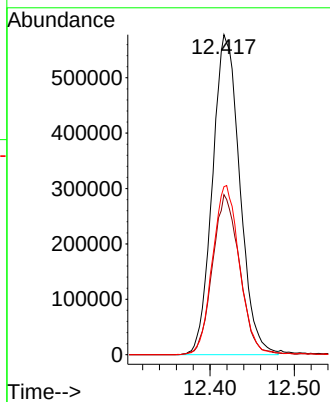
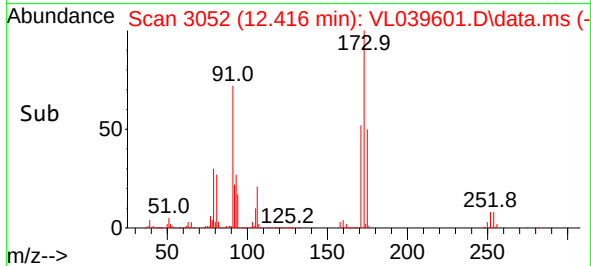
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 173 Resp: 1300215
Ion Ratio Lower Upper
173 100
175 50.0 40.3 60.5
171 52.4 42.9 64.3

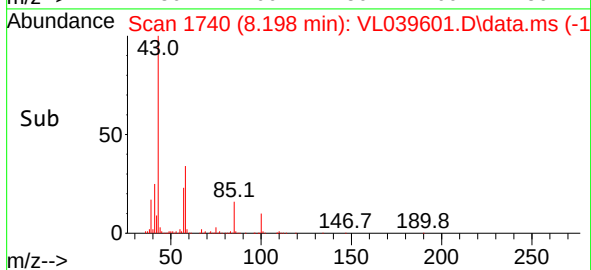
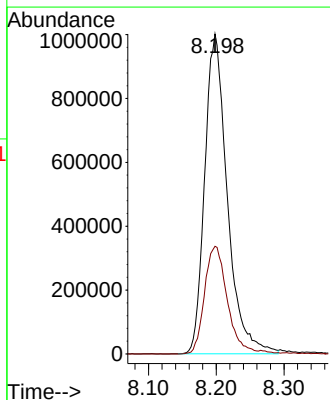
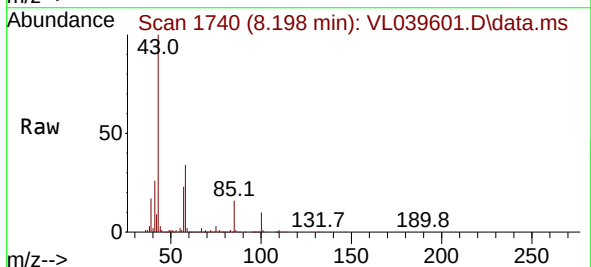
Manual Integrations
APPROVED

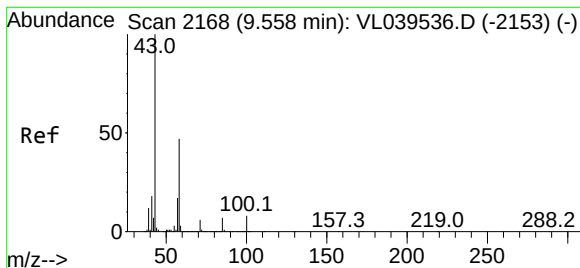
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#50
4-Methyl-2-Pentanone
Concen: 10.937 ppbv
RT: 8.198 min Scan# 1740
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

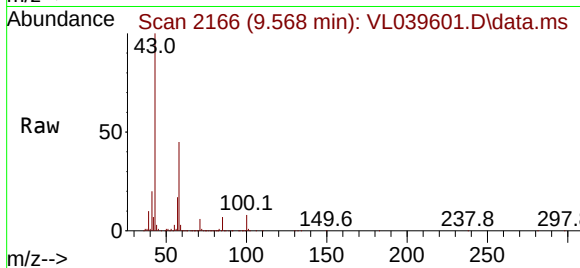
Tgt Ion: 43 Resp: 2320243
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2





#51
2-Hexanone
Concen: 11.422 ppbv
RT: 9.568 min Scan# 2168
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

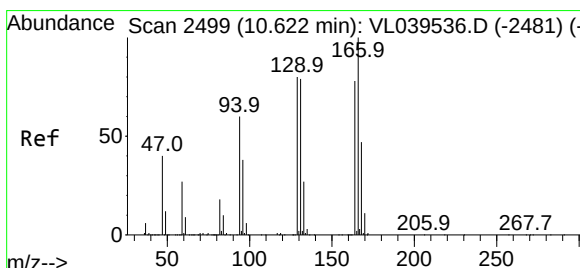
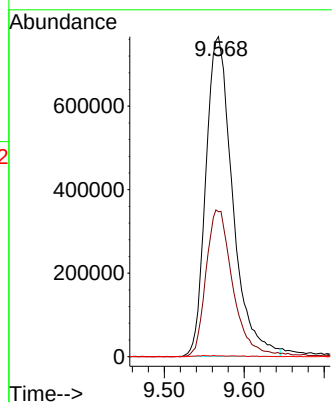
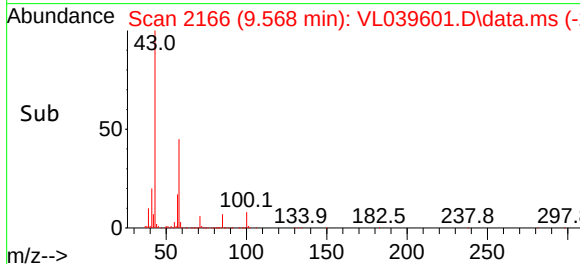
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 178334
Ion Ratio Lower Upper
43 100
58 46.9 38.4 57.6
98 0.4 0.3 0.5

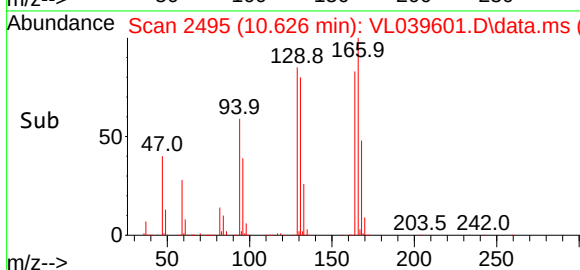
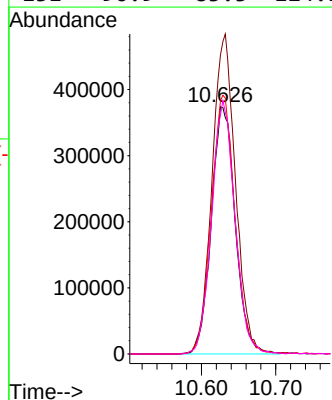
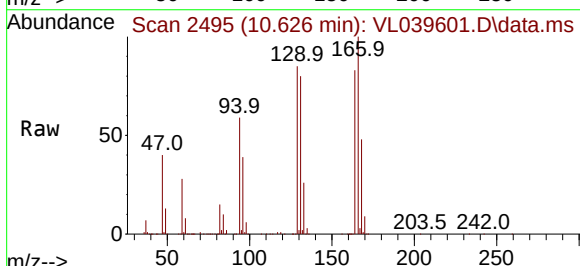
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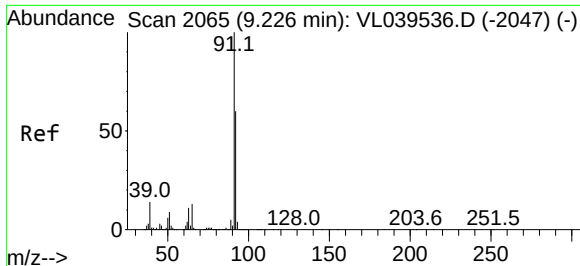
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#52
Tetrachloroethene
Concen: 10.570 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.004 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

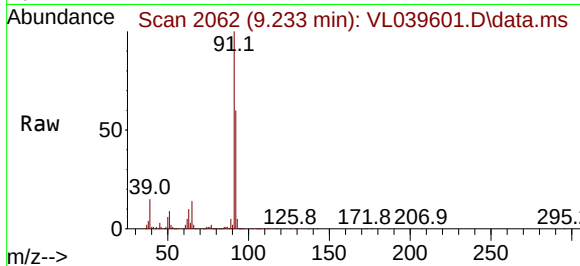
Tgt Ion:164 Resp: 834958
Ion Ratio Lower Upper
164 100
166 121.1 102.2 153.2
129 102.5 85.8 128.8
131 96.9 83.3 124.9





#53
Toluene
Concen: 10.914 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

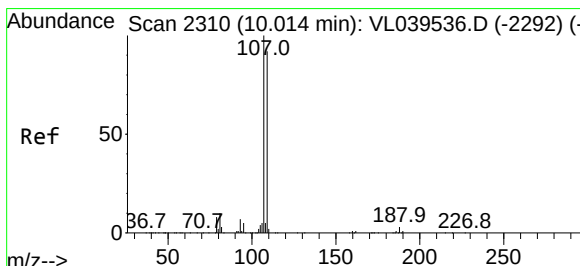
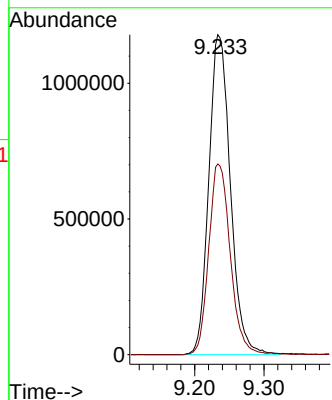
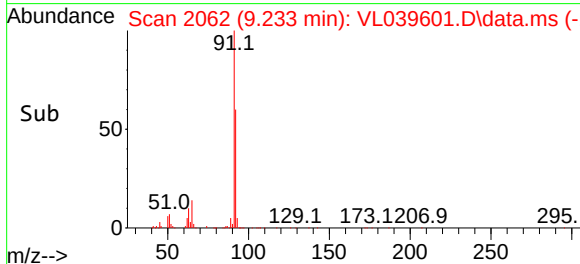
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



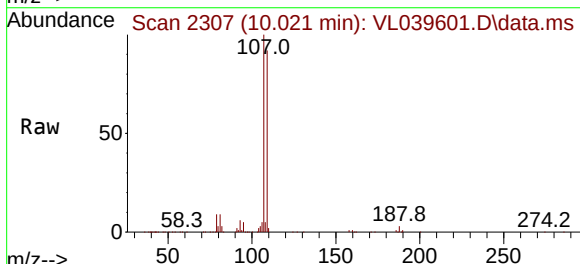
Tgt Ion: 91 Resp: 2550334
Ion Ratio Lower Upper
91 100
92 59.8 48.2 72.2

Manual Integrations
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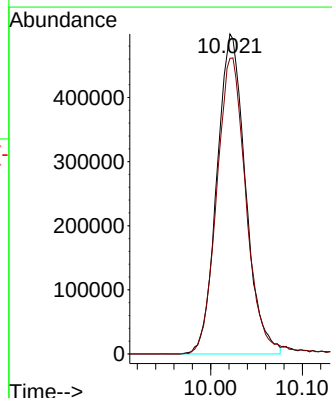
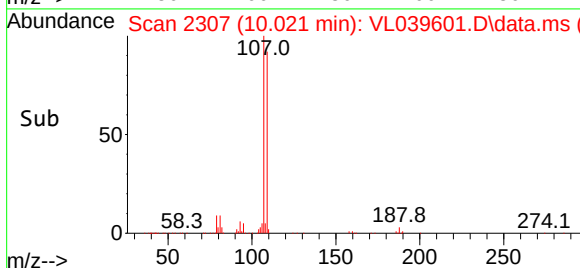
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

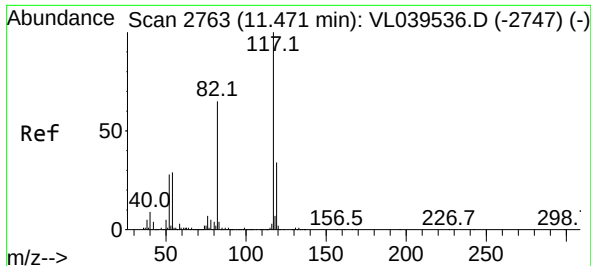


#54
1,2-Dibromoethane
Concen: 10.745 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



Tgt Ion:107 Resp: 1077414
Ion Ratio Lower Upper
107 100
109 92.4 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039601.D

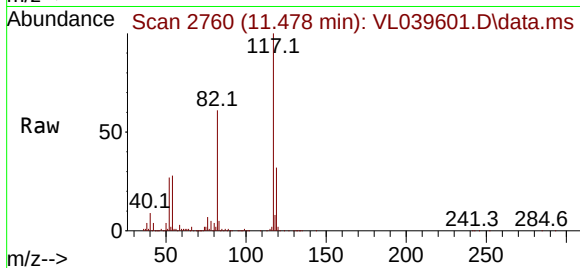
Acq: 26 Aug 2022 13:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:117 Resp: 270456

Ion Ratio Lower Upper

117 100

82 60.5 50.8 76.2

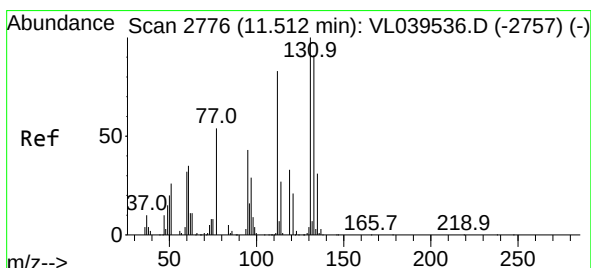
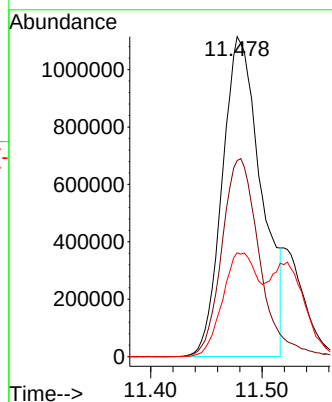
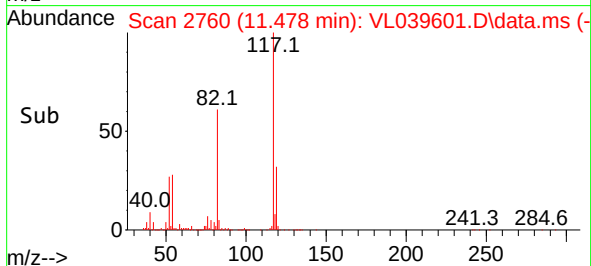
119 29.4 24.1 36.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.017 ppbv

RT: 11.519 min Scan# 2773

Delta R.T. 0.007 min

Lab File: VL039601.D

Acq: 26 Aug 2022 13:13

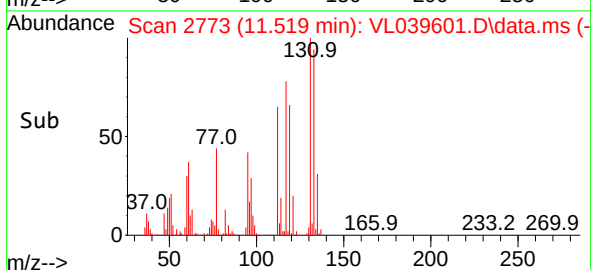
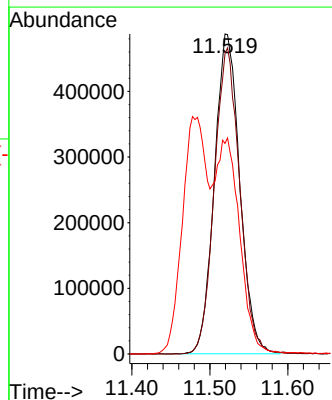
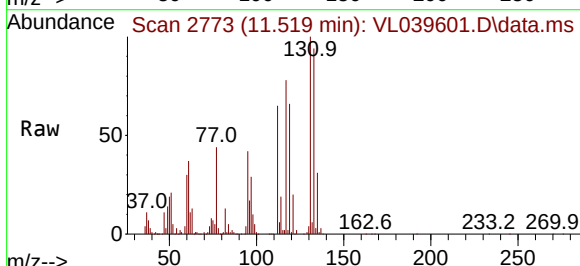
Tgt Ion:131 Resp: 1100824

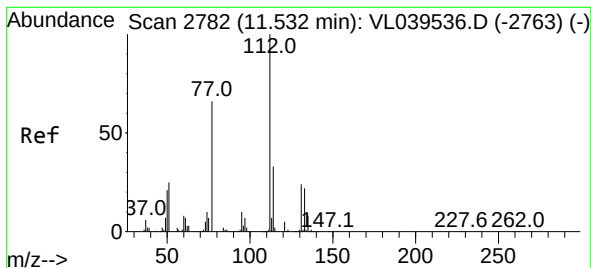
Ion Ratio Lower Upper

131 100

133 96.0 76.8 115.2

119 67.5 46.2 69.4





#57

Chlorobenzene

Concen: 9.812 ppbv

RT: 11.542 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL039601.D

Acq: 26 Aug 2022 13:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 1979779

Ion Ratio Lower Upper

112 100

77 64.3 51.0 76.4

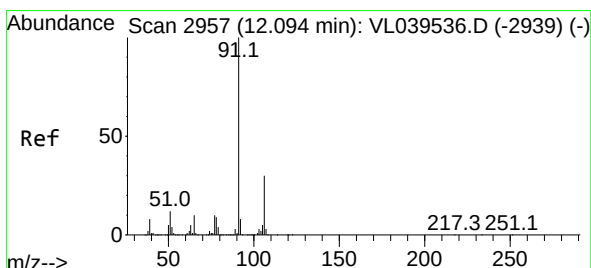
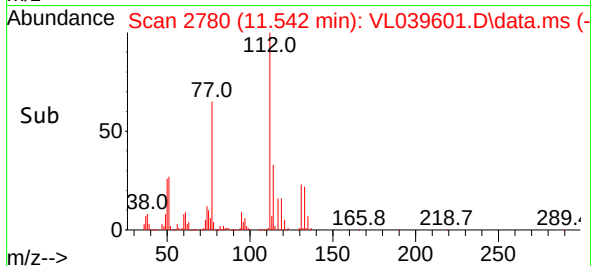
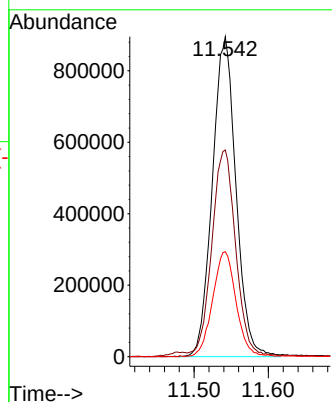
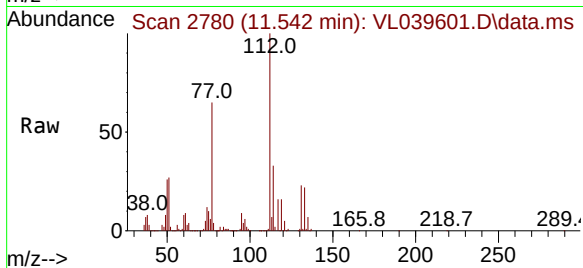
114 32.6 27.5 33.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#58

Ethyl Benzene

Concen: 10.790 ppbv

RT: 12.101 min Scan# 2954

Delta R.T. 0.007 min

Lab File: VL039601.D

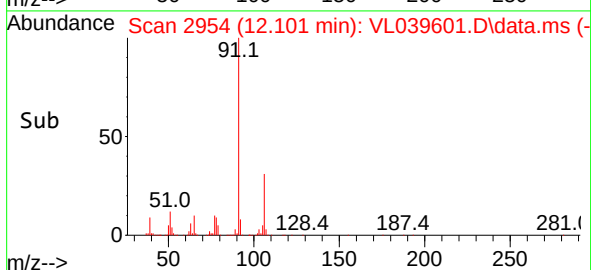
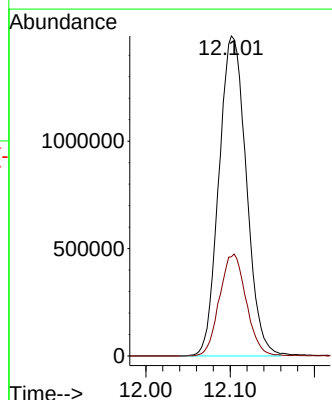
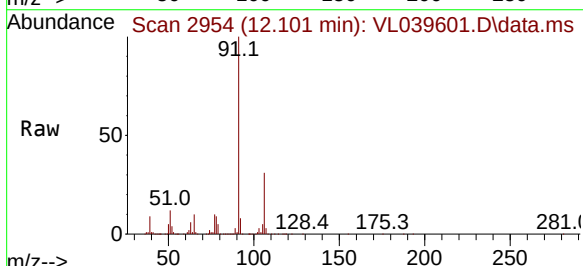
Acq: 26 Aug 2022 13:13

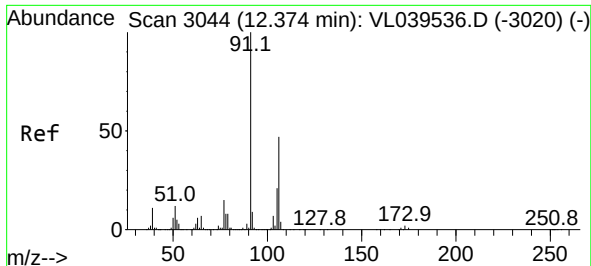
Tgt Ion: 91 Resp: 3352907

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.0





#59

m/p-Xylene

Concen: 20.490 ppbv

RT: 12.384 min Scan# 3044

Delta R.T. 0.010 min

Lab File: VL039601.D

Acq: 26 Aug 2022 13:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 5712128

Ion Ratio Lower Upper

91 100

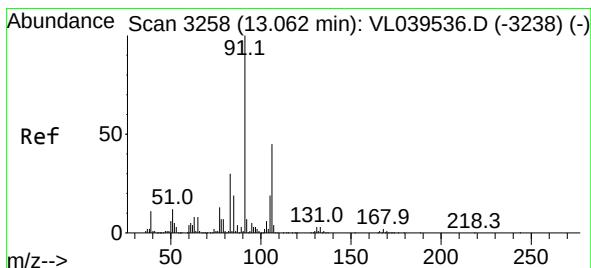
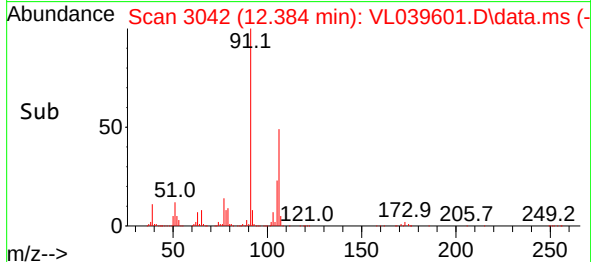
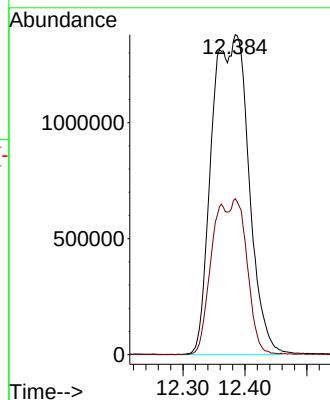
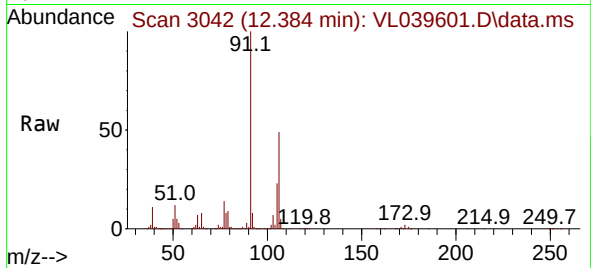
106 45.7 35.4 53.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#60

o-Xylene

Concen: 10.389 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.010 min

Lab File: VL039601.D

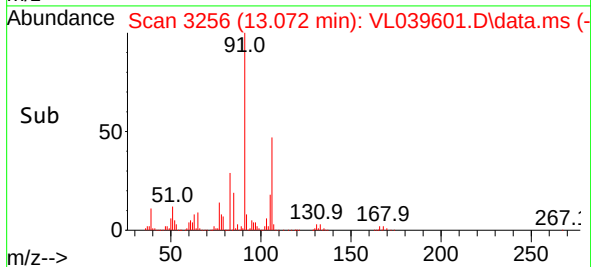
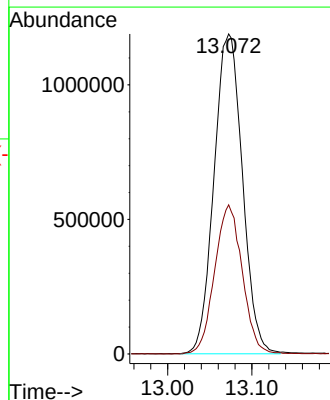
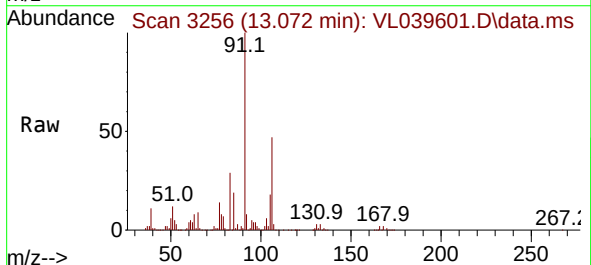
Acq: 26 Aug 2022 13:13

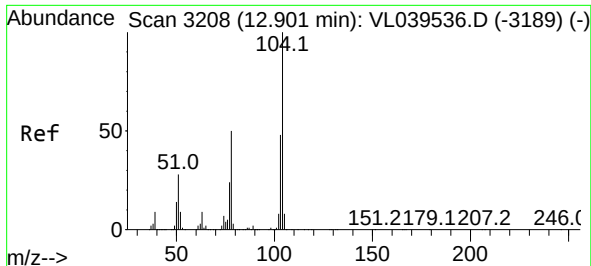
Tgt Ion: 91 Resp: 2779865

Ion Ratio Lower Upper

91 100

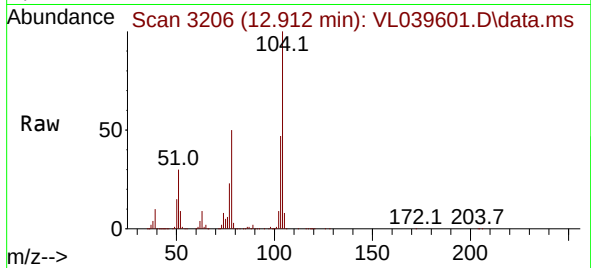
106 45.4 22.4 67.3





#61
Styrene
Concen: 11.911 ppbv
RT: 12.912 min Scan# 3189
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

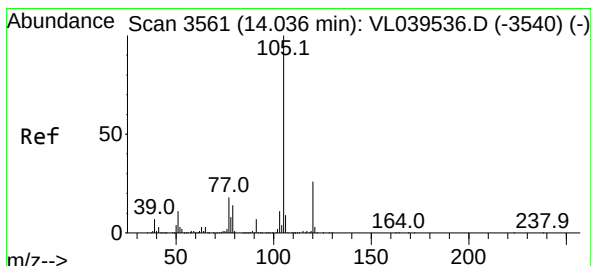
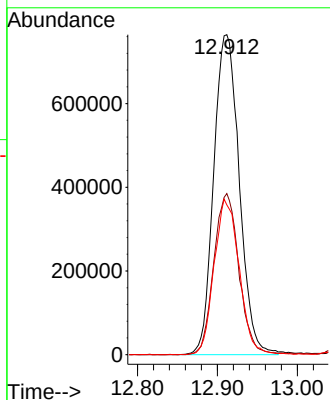
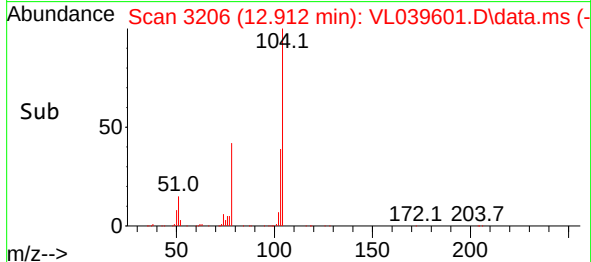
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:104 Resp: 1697609
Ion Ratio Lower Upper
104 100
78 49.8 41.2 61.8
103 47.8 38.7 58.1

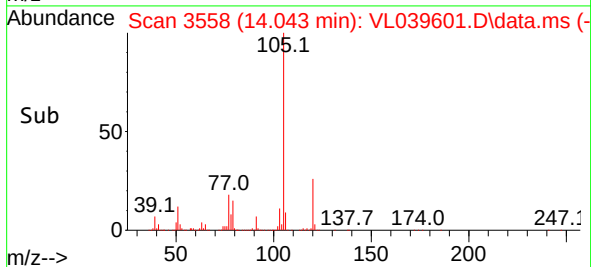
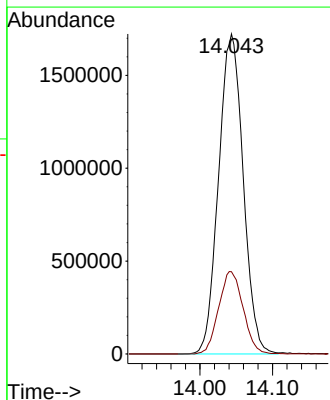
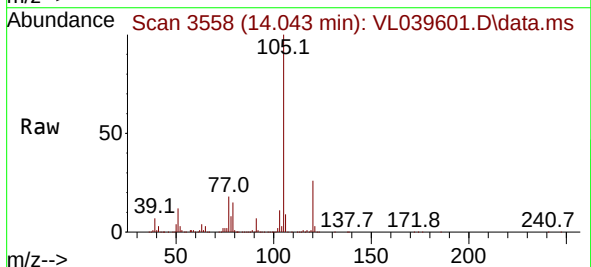
Manual Integrations
APPROVED

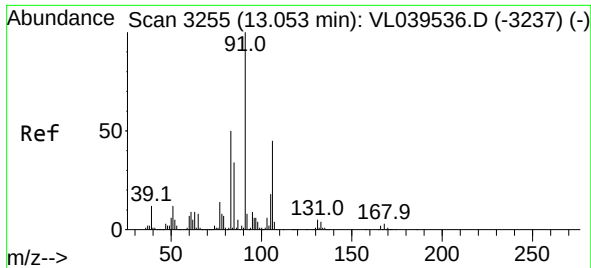
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#62
Isopropylbenzene
Concen: 10.029 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

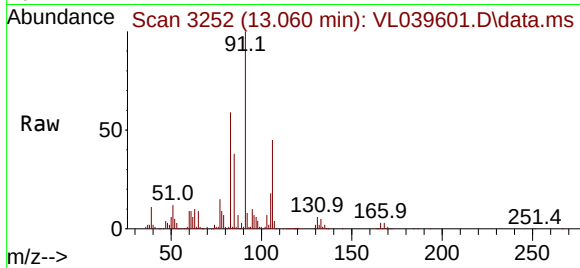
Tgt Ion:105 Resp: 4058303
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.200 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

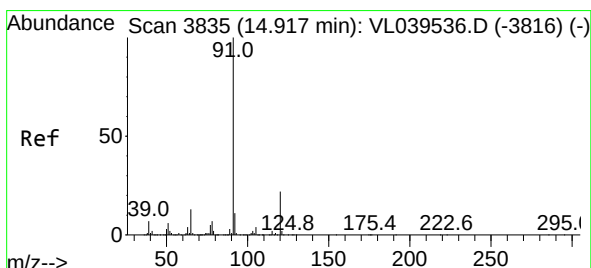
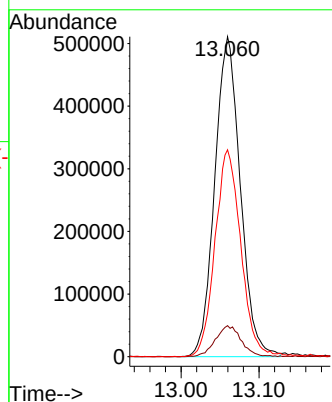
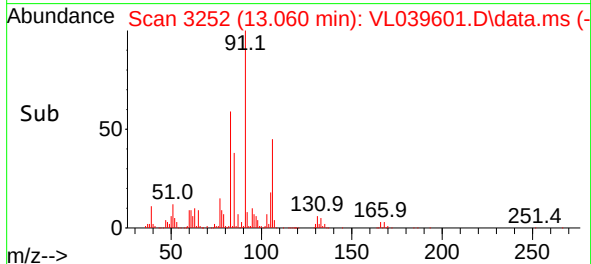
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



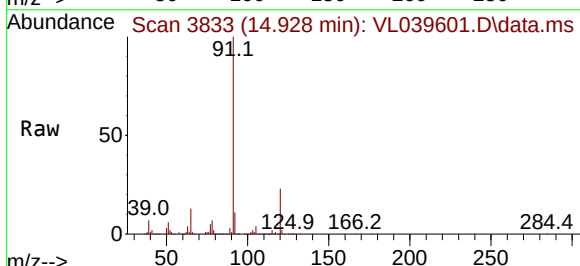
Tgt Ion: 83 Resp: 116582
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 65.8 33.1 99.5

Manual Integrations
APPROVED

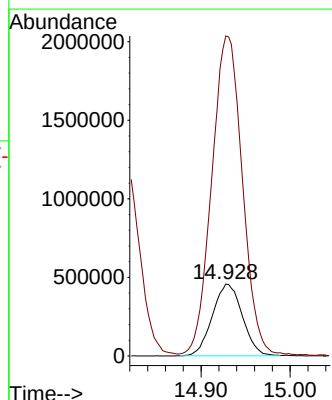
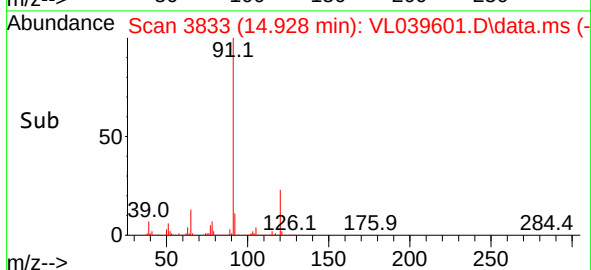
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

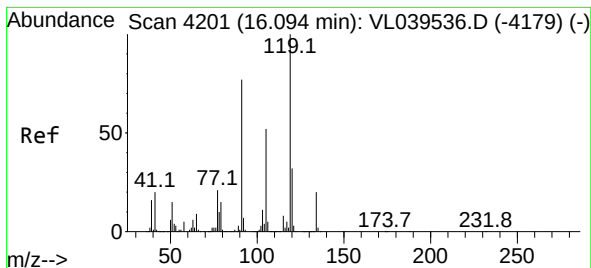


#64
n-propylbenzene
Concen: 10.129 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



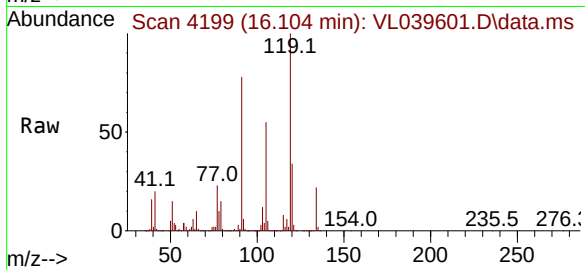
Tgt Ion:120 Resp: 1065204
Ion Ratio Lower Upper
120 100
91 458.8 367.2 550.8





#65
tert-Butylbenzene
Concen: 10.045 ppbv
RT: 16.104 min Scan# 4179
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

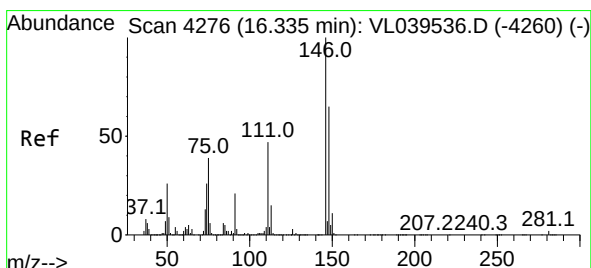
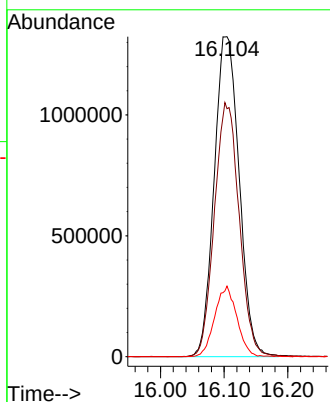
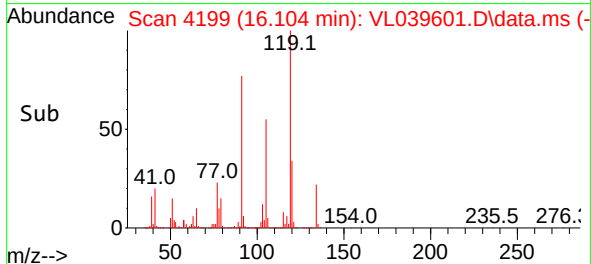
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



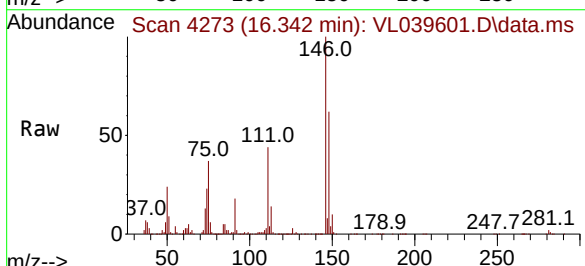
Tgt Ion: 119 Resp: 361326
Ion Ratio Lower Upper
119 100
91 78.6 63.4 95.2
134 19.6 15.9 23.9

Manual Integrations
APPROVED

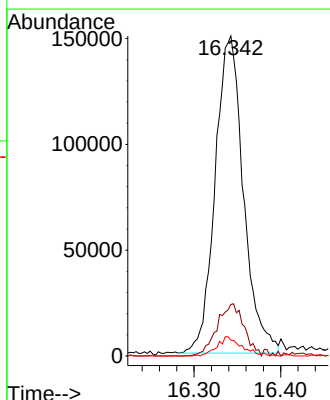
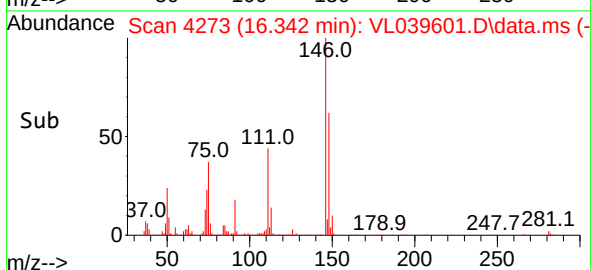
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

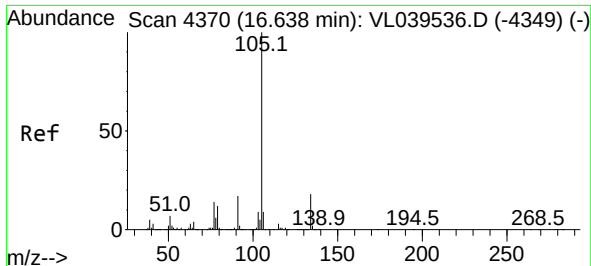


#66
Benzyl Chloride
Concen: 11.651 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



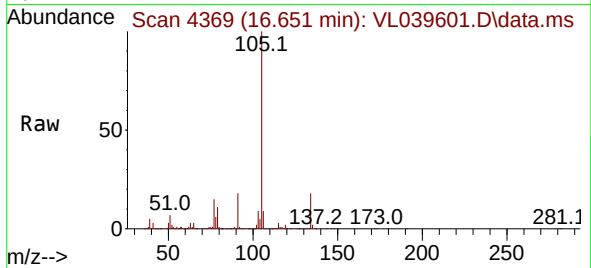
Tgt Ion: 91 Resp: 340423
Ion Ratio Lower Upper
91 100
126 16.1 13.1 19.7
128 5.4 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.900 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

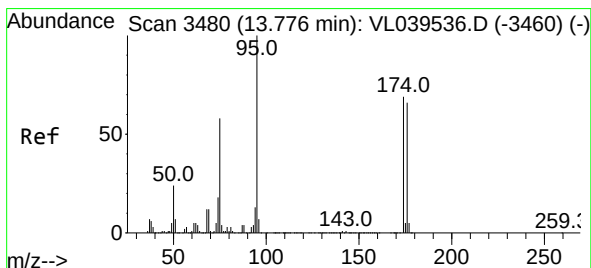
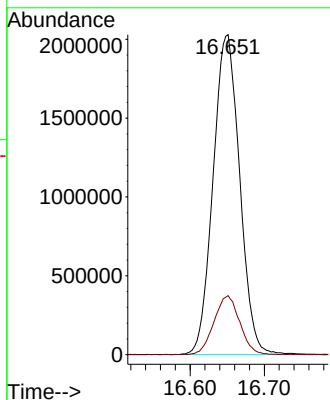
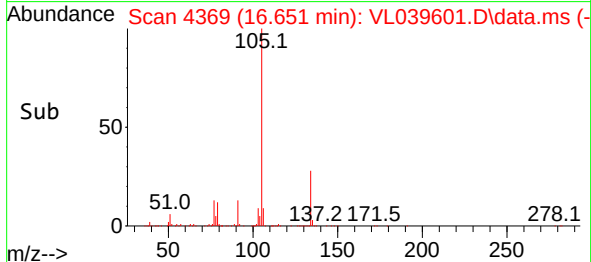
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 504373
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2

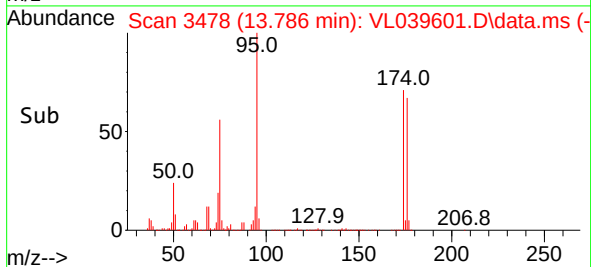
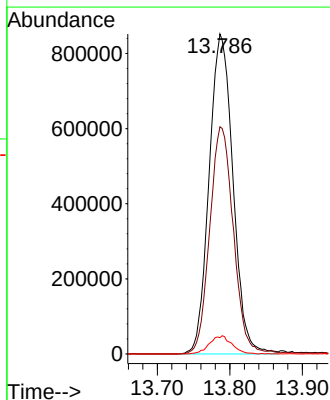
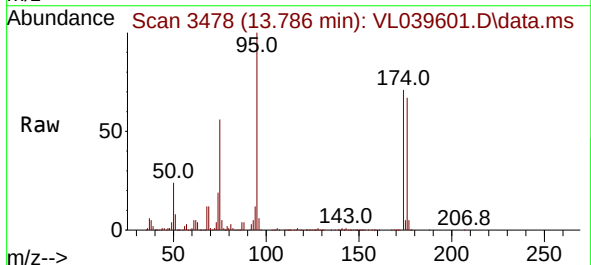
Manual Integrations
 APPROVED

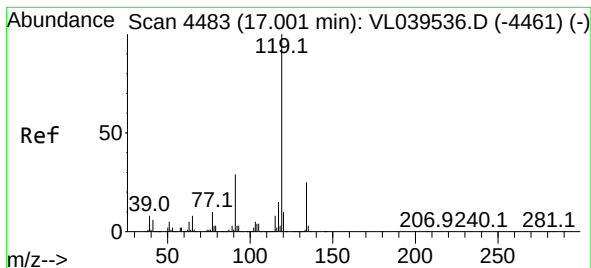
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.541 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.010 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

Tgt Ion: 95 Resp: 1946740
 Ion Ratio Lower Upper
 95 100
 174 70.9 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 10.038 ppbv

RT: 17.008 min Scan# 4483

Delta R.T. 0.007 min

Lab File: VL039601.D

Acq: 26 Aug 2022 13:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 119 Resp: 424529

Ion Ratio Lower Upper

119 100

134 25.2 20.3 30.5

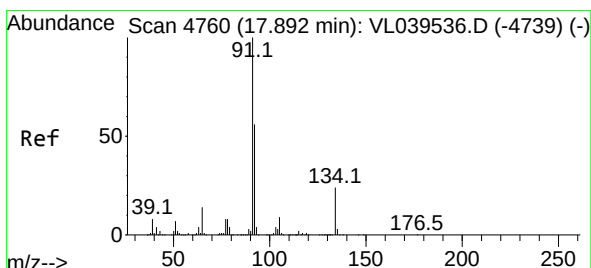
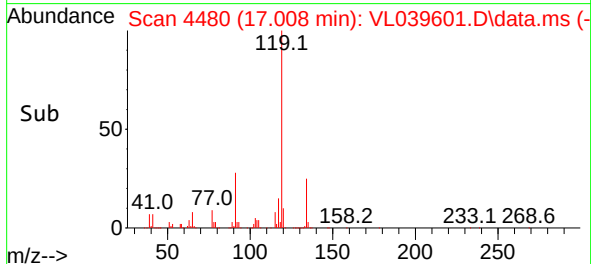
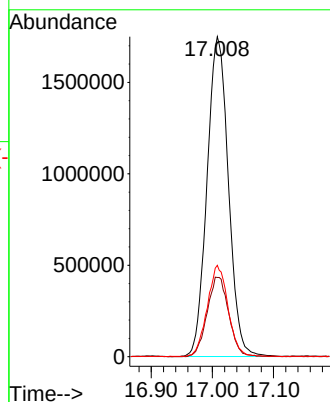
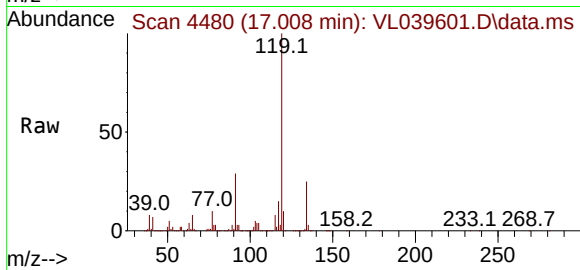
91 27.7 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#70

n-Butylbenzene

Concen: 10.045 ppbv

RT: 17.899 min Scan# 4757

Delta R.T. 0.007 min

Lab File: VL039601.D

Acq: 26 Aug 2022 13:13

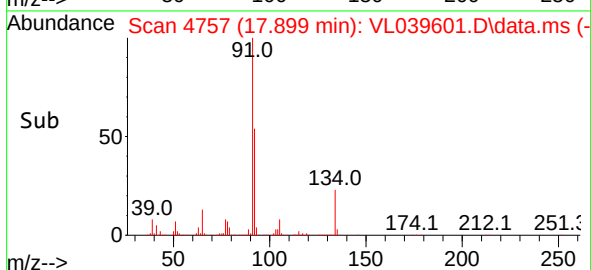
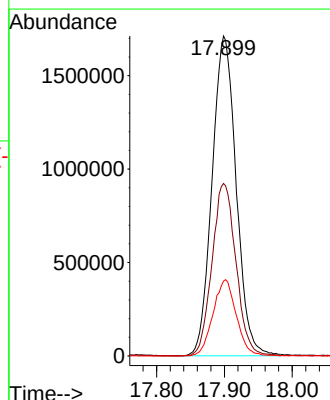
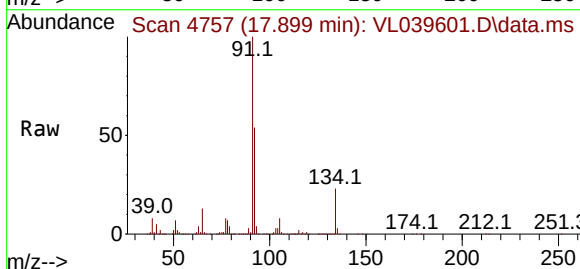
Tgt Ion: 91 Resp: 4226269

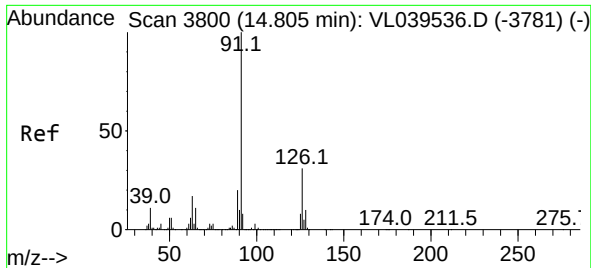
Ion Ratio Lower Upper

91 100

92 53.7 43.4 65.2

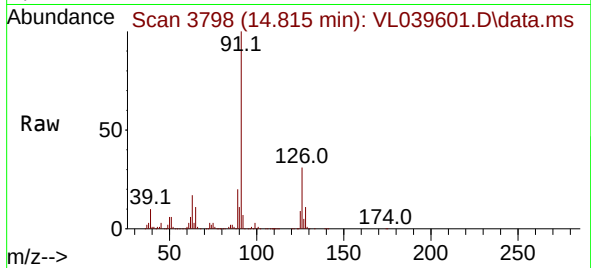
134 23.2 18.9 28.3





#71
2-Chlorotoluene
Concen: 10.305 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

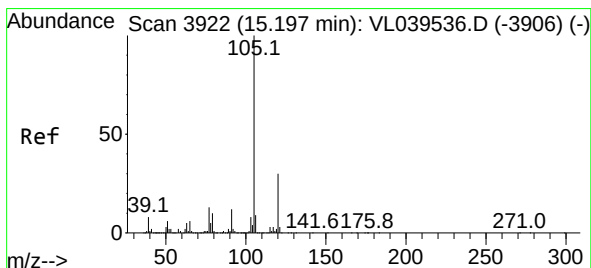
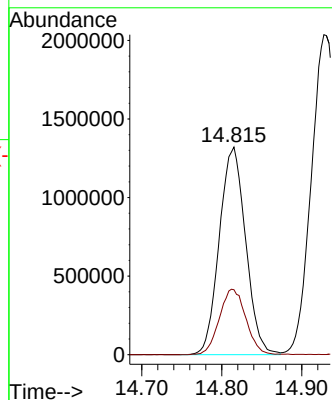
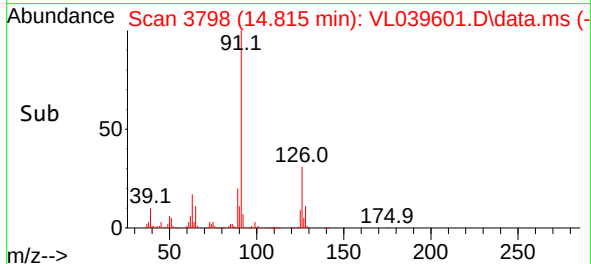
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



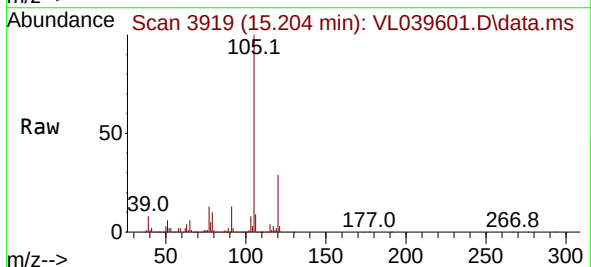
Tgt Ion: 91 Resp: 3020220
Ion Ratio Lower Upper
91 100
126 32.0 13.0 51.8

Manual Integrations
APPROVED

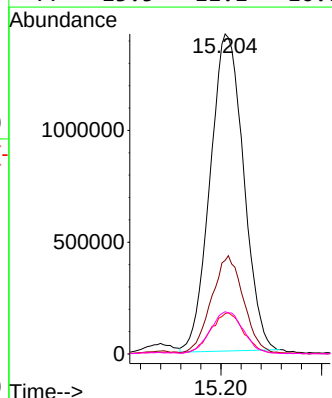
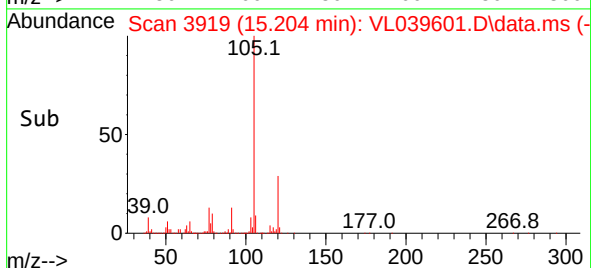
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

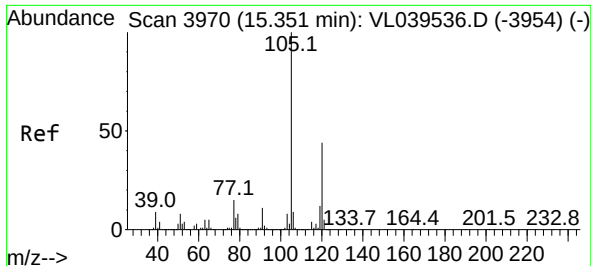


#72
4-Ethyltoluene
Concen: 10.447 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



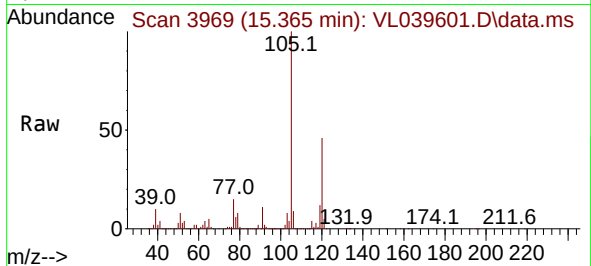
Tgt Ion:105 Resp: 3268706
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 13.0 10.2 15.4
77 13.5 11.1 16.7





#73
 1,3,5-Trimethylbenzene
 Concen: 10.379 ppbv
 RT: 15.365 min Scan# 3970
 Delta R.T. 0.013 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

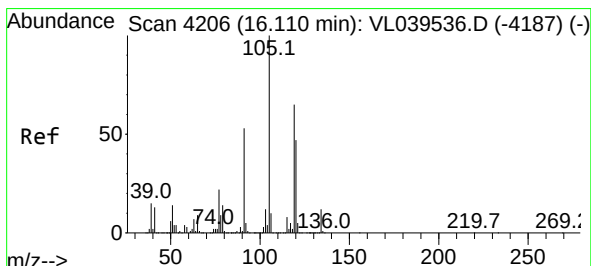
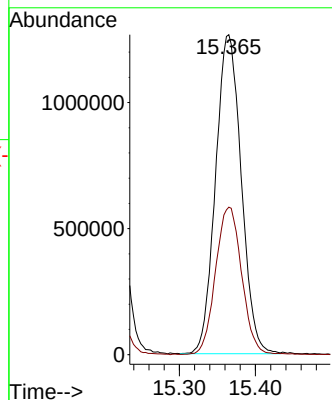
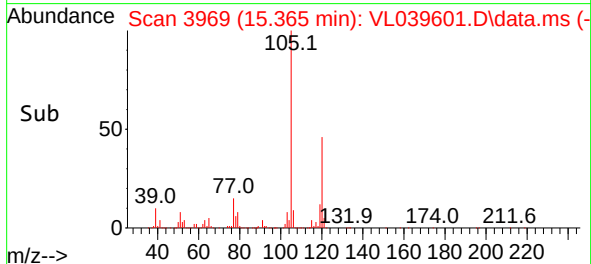
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



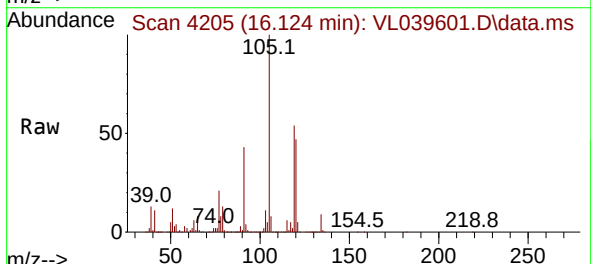
Tgt Ion:105 Resp: 2967679
 Ion Ratio Lower Upper
 105 100
 120 46.1 38.2 57.4

Manual Integrations
 APPROVED

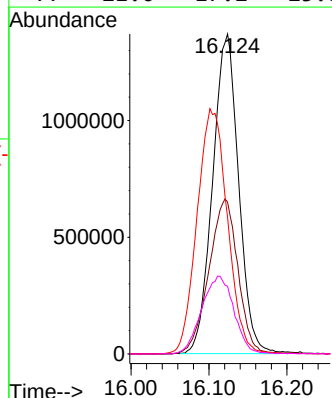
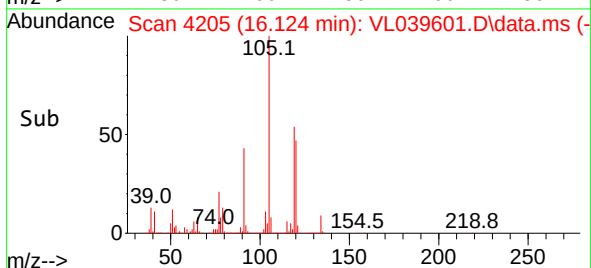
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

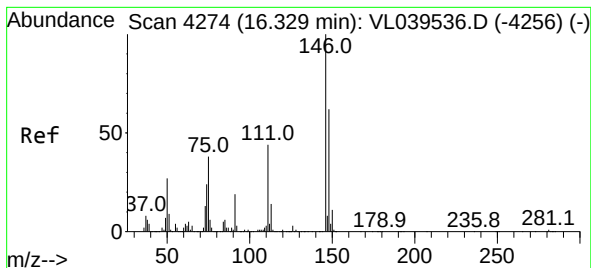


#74
 1,2,4-Trimethylbenzene
 Concen: 9.942 ppbv
 RT: 16.124 min Scan# 4205
 Delta R.T. 0.013 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13



Tgt Ion:105 Resp: 3167454
 Ion Ratio Lower Upper
 105 100
 120 47.2 39.5 59.3
 91 42.5 39.2 58.8
 77 21.0 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 10.112 ppbv

RT: 16.342 min Scan# 4318

Delta R.T. 0.013 min

Lab File: VL039601.D

Acq: 26 Aug 2022 13:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 195873

Ion Ratio Lower Upper

146 100

111 44.9 22.9 68.7

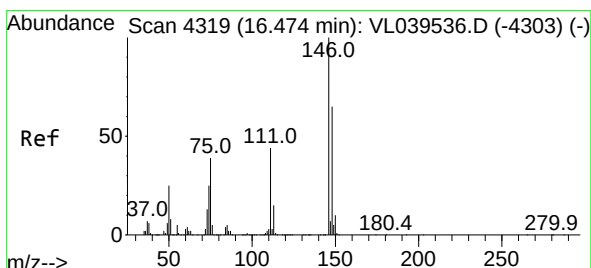
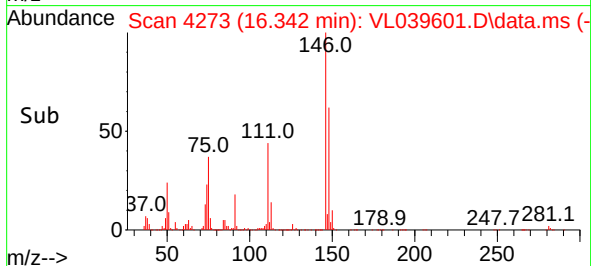
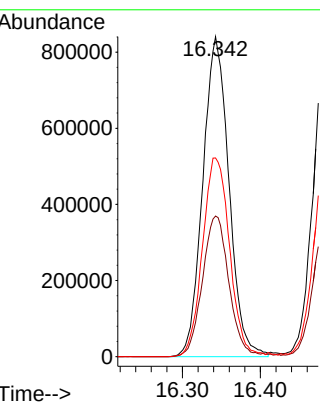
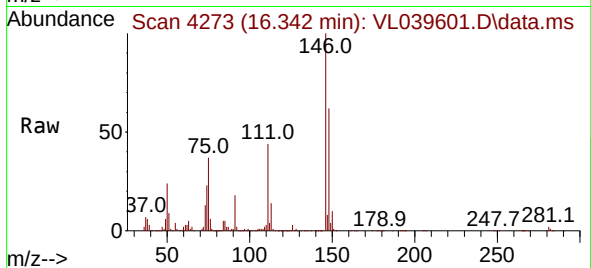
148 64.6 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#76

1,4-Dichlorobenzene

Concen: 9.830 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.013 min

Lab File: VL039601.D

Acq: 26 Aug 2022 13:13

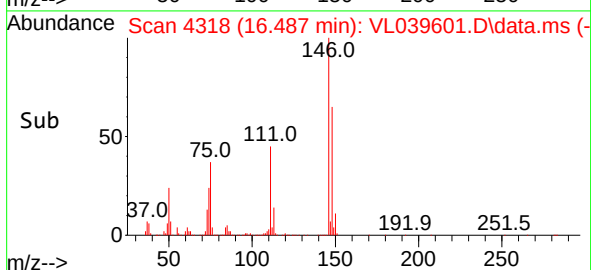
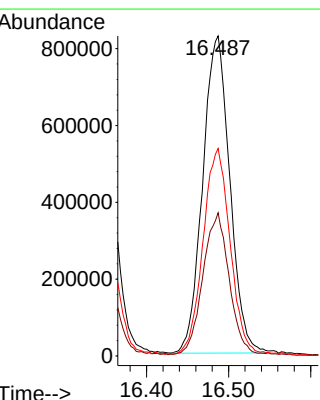
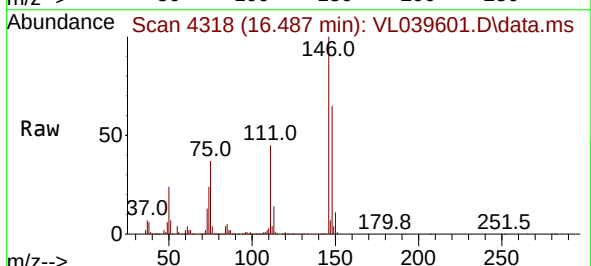
Tgt Ion:146 Resp: 1897147

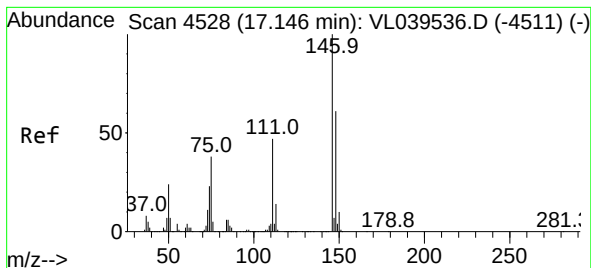
Ion Ratio Lower Upper

146 100

111 44.9 22.9 68.8

148 66.6 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.896 ppbv

RT: 17.156 min Scan# 4528

Delta R.T. 0.010 min

Lab File: VL039601.D

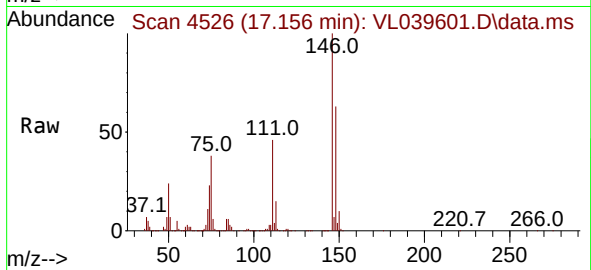
Acq: 26 Aug 2022 13:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 1877090

Ion Ratio Lower Upper

146 100

111 46.6 23.8 71.5

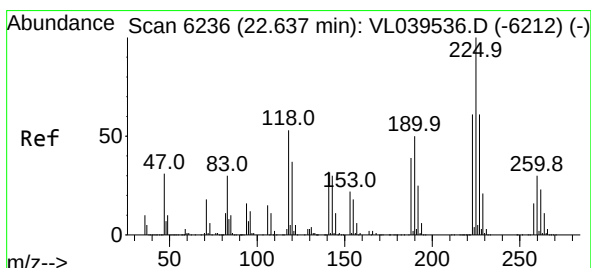
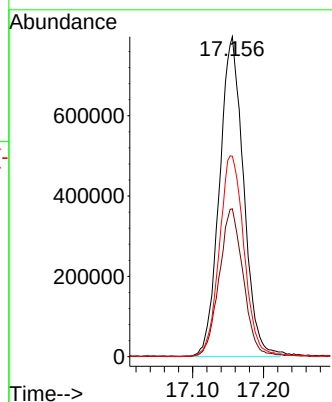
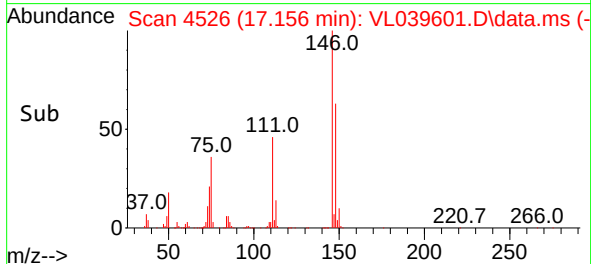
148 65.0 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.944 ppbv

RT: 22.644 min Scan# 6233

Delta R.T. 0.007 min

Lab File: VL039601.D

Acq: 26 Aug 2022 13:13

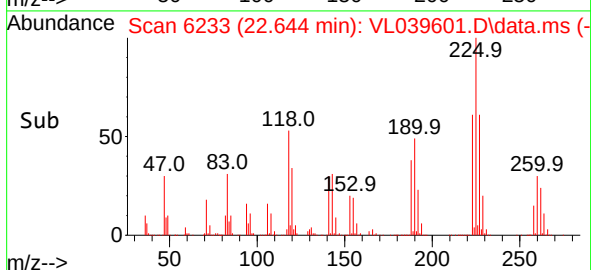
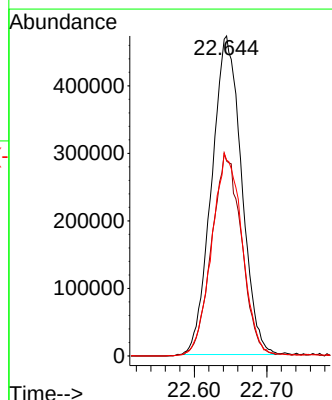
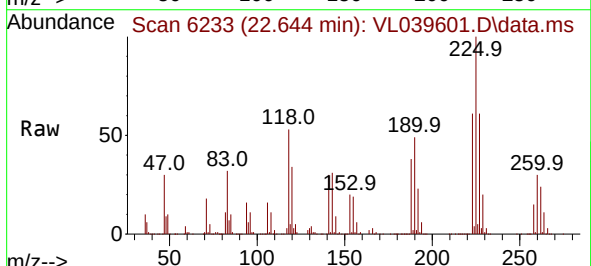
Tgt Ion:225 Resp: 1351153

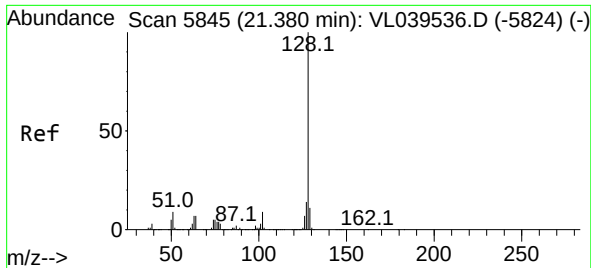
Ion Ratio Lower Upper

225 100

223 64.0 51.8 77.6

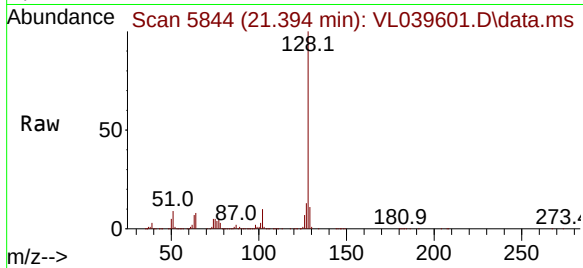
227 65.1 51.4 77.2





#79
Naphthalene
Concen: 12.059 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.013 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13

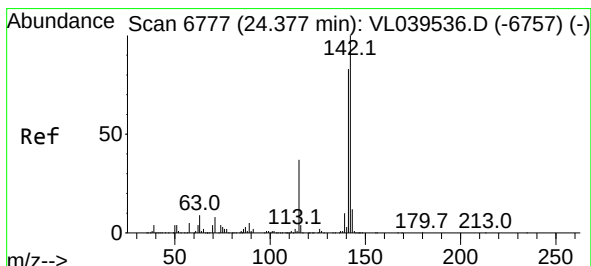
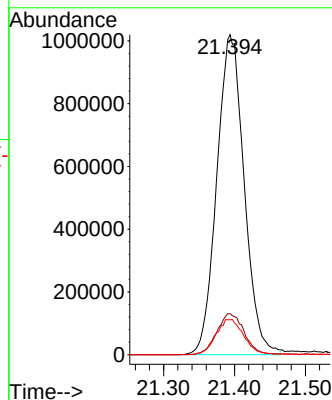
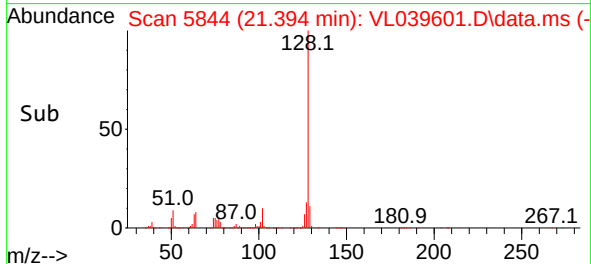
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



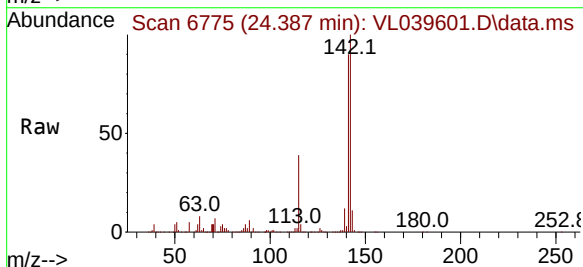
Tgt Ion:128 Resp: 273621
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 8.8 13.2

Manual Integrations
APPROVED

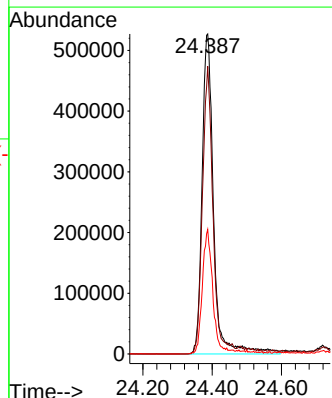
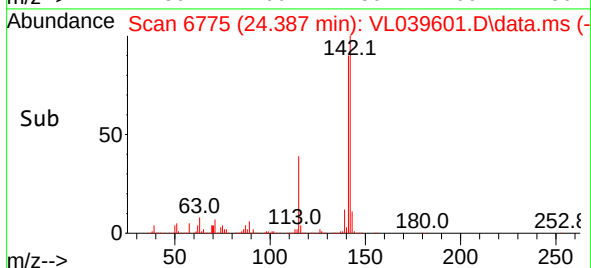
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

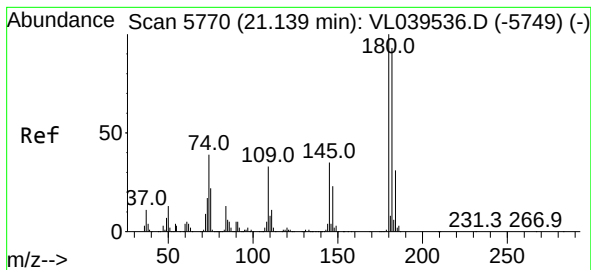


#80
Naphthalene,2-methyl-
Concen: 13.225 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.010 min
Lab File: VL039601.D
Acq: 26 Aug 2022 13:13



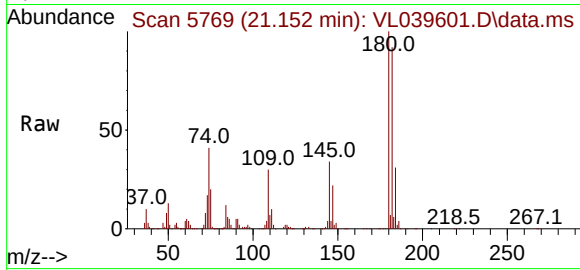
Tgt Ion:142 Resp: 1217899
Ion Ratio Lower Upper
142 100
141 85.1 68.9 103.3
115 35.8 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.130 ppbv
 RT: 21.152 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VL039601.D
 Acq: 26 Aug 2022 13:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 153482
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.1 115.7
 184 31.6 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

