

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038813.D
 Acq On : 5 Apr 2022 16:36
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 05 17:23:59 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 05 17:22:42 2022

QLast Update : Tue Apr 05 17:22:42 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.665	49	1481899	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4029808	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3874040	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.407 95 2806446 9.449 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	393066	1.973	ppbv	98
3) Chlorodifluoromethane	2.993	51	374011	2.390	ppbv	99
4) Chloromethane	3.144	50	195270	2.272	ppbv	95
5) Vinyl Chloride	3.260	62	173709	1.990	ppbv	98
6) Bromomethane	3.475	94	85917	1.846	ppbv	88
7) Chloroethane	3.559	64	55686	1.927	ppbv	97
8) Dichlorotetrafluoroethane	3.189	85	407995	2.051	ppbv	100
9) Propene	3.012	41	192584	2.549	ppbv	92
10) Heptane	8.118	43	507516	2.810	ppbv	99
11) Trichlorofluoromethane	3.954	101	352722	2.006	ppbv	93
12) 1,1,2-Trichlorotrifluoro...	4.488	101	266019	1.965	ppbv	94
13) Ethanol	3.613	45	10894m	1.307	ppbv	
14) Bromoethene	3.739	108	118854	1.976	ppbv	96
15) Acetone	3.851	43	309763m	2.423	ppbv	
16) 1,3-Butadiene	3.327	39	171326	2.361	ppbv	96
17) tert-Butyl alcohol	4.292	59	261356m	2.340	ppbv	
18) 1,1-Dichloroethene	4.288	96	125524m	2.064	ppbv	
19) Isopropyl Alcohol	3.970	45	150142m	2.118	ppbv	
20) Methylene Chloride	4.343	84	104616	1.942	ppbv	88
21) Allyl Chloride	4.411	41	221311	2.405	ppbv	99
22) trans-1,2-Dichloroethene	4.886	96	122494	1.942	ppbv	96
23) Vinyl Acetate	5.070	43	284687	2.299	ppbv #	94
24) 1,1-Dichloroethane	5.009	63	271940	2.230	ppbv	99
25) Ethyl Acetate	5.677	43	769139	2.389	ppbv	99
26) Hexane	5.684	57	361486	2.508	ppbv	98
27) Carbon Disulfide	4.549	76	323279	2.287	ppbv	94
28) Methyl tert-Butyl Ether	5.038	73	270713	2.522	ppbv	97
29) Chloroform	5.748	83	487837	2.114	ppbv	96
30) Cyclohexane	7.128	84	315869	2.521	ppbv	90
31) cis-1,2-Dichloroethene	5.546	61	322801	2.382	ppbv	98
32) 1,1,1-Trichloroethane	6.507	97	496472	2.230	ppbv	98
34) 2-Butanone	5.247	43	309974	1.943	ppbv	95
35) Carbon Tetrachloride	7.012	117	518732	2.219	ppbv	97
36) Benzene	6.886	78	767791	2.469	ppbv	96
37) 1,2-Dichloroethane	6.301	62	357330	2.259	ppbv	99
38) Trichloroethene	7.832	130	311700	2.392	ppbv	98
39) 1,2-Dichloropropane	7.607	63	295275	2.429	ppbv	96
40) 1,4-Dioxane	7.845	88	102265m	2.422	ppbv	
41) Tetrahydrofuran	6.054	42	313338	2.640	ppbv	98
42) Bromodichloromethane	7.787	83	545378	2.299	ppbv	98
43) Methyl Methacrylate	8.009	69	296471	2.568	ppbv	97
44) 2,2,4-Trimethylpentane	7.864	57	1349411	2.584	ppbv	99
45) t-1,3-Dichloropropene	9.272	75	299746	2.553	ppbv	100

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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 05 17:23:59 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

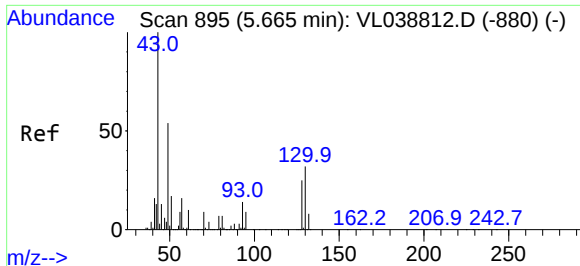
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Apr 05 2022

QLast Update : Tue Apr 05 17:22:42 2022

Response via : Initial Calibration

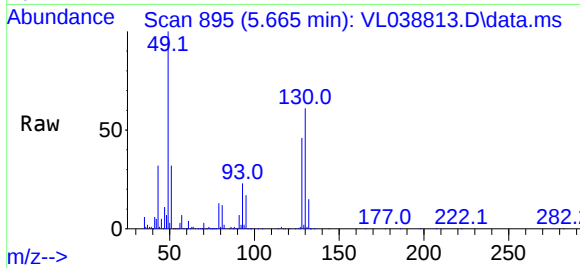
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	411797	2.594	ppbv	96
47) 1,1,2-Trichloroethane	9.472	97	293966	2.265	ppbv	97
48) Dibromochloromethane	10.295	129	479152	2.356	ppbv	97
49) Bromoform	13.031	173	388780	2.346	ppbv	99
50) 4-Methyl-2-Pentanone	8.738	43	770176	2.597	ppbv	100
51) 2-Hexanone	10.134	43	583114	2.738	ppbv #	99
52) Tetrachloroethene	11.217	164	259927	2.284	ppbv	96
53) Toluene	9.796	91	911666	2.728	ppbv	99
54) 1,2-Dibromoethane	10.600	107	401427	2.265	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.121	131	354399m	2.207	ppbv	
57) Chlorobenzene	12.140	112	661542	2.368	ppbv	94
58) Ethyl Benzene	12.700	91	1200065	2.650	ppbv	93
59) m/p-Xylene	12.989	91	2024033m	5.109	ppbv	
60) o-Xylene	13.684	91	949727	2.525	ppbv	98
61) Styrene	13.516	104	567375	2.781	ppbv	99
62) Isopropylbenzene	14.658	105	1434238	2.536	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.667	83	581368	1.995	ppbv	100
64) n-propylbenzene	15.555	120	371644	2.505	ppbv	91
65) tert-Butylbenzene	16.738	119	1262271	2.484	ppbv	97
66) Benzyl Chloride	16.976	91	257422	2.676	ppbv	98
67) sec-Butylbenzene	17.285	105	1819191	2.503	ppbv	99
69) p-Isopropyltoluene	17.642	119	1527807	2.576	ppbv	98
70) n-Butylbenzene	18.542	91	1538702m	2.515	ppbv	
71) 2-Chlorotoluene	15.446	91	1073305	2.557	ppbv	98
72) 4-Ethyltoluene	15.828	105	1108273	2.496	ppbv	99
73) 1,3,5-Trimethylbenzene	15.986	105	1026773	2.538	ppbv	97
74) 1,2,4-Trimethylbenzene	16.751	105	1122381	2.547	ppbv	97
75) 1,3-Dichlorobenzene	16.986	146	624288	2.224	ppbv	99
76) 1,4-Dichlorobenzene	17.127	146	633969m	2.271	ppbv	
77) 1,2-Dichlorobenzene	17.806	146	603895	2.172	ppbv	98
78) Hexachloro-1,3-Butadiene	23.362	225	501708	1.952	ppbv	99
79) Naphthalene	22.182	128	859144	2.552	ppbv	98
80) Naphthalene,2-methyl-	24.966	142	206976	2.292	ppbv	93
81) 1,2,4-Trichlorobenzene	21.915	180	473683	2.055	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

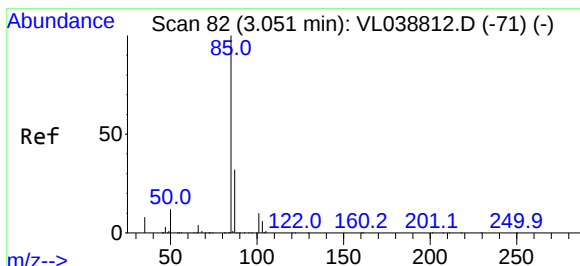
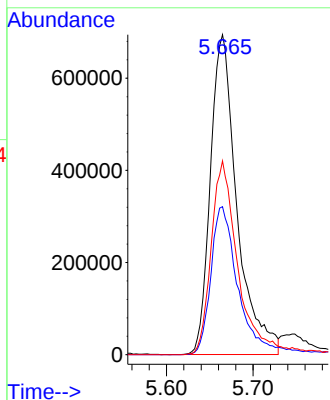
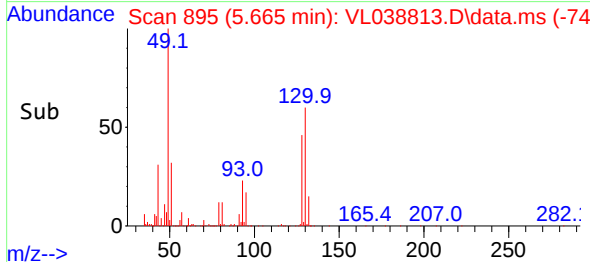
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



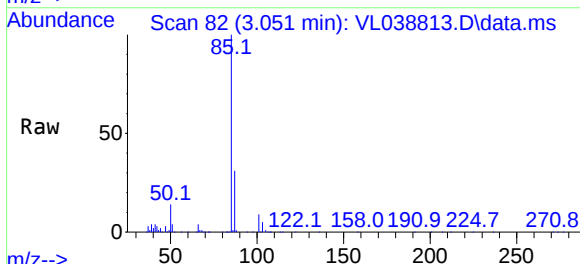
Tgt Ion: 49 Resp: 1481899
Ion Ratio Lower Upper
49 100
128 48.8 24.1 72.3
130 63.4 30.9 92.8

Manual Integrations
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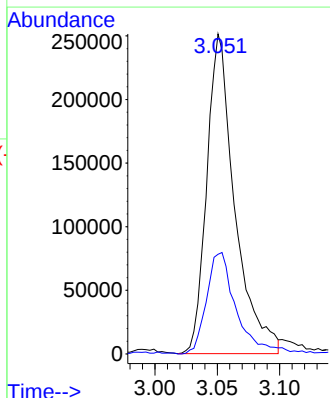
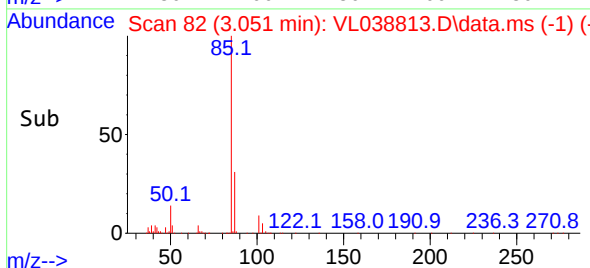
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

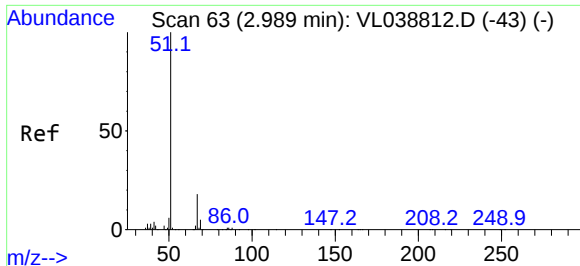


#2
Dichlorodifluoromethane
Concen: 1.973 ppbv
RT: 3.051 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



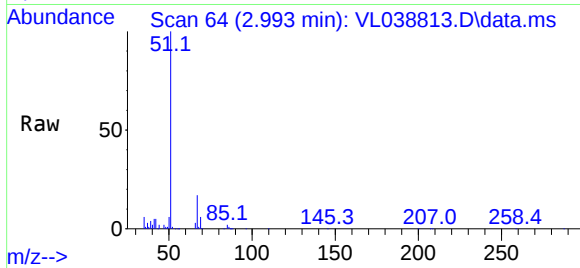
Tgt Ion: 85 Resp: 393066
Ion Ratio Lower Upper
85 100
87 31.2 25.9 38.9





#3
Chlorodifluoromethane
Concen: 2.390 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

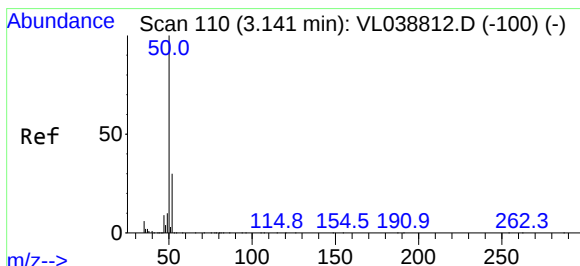
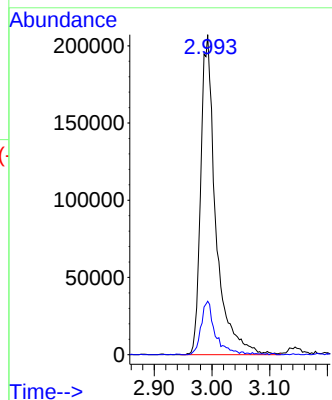
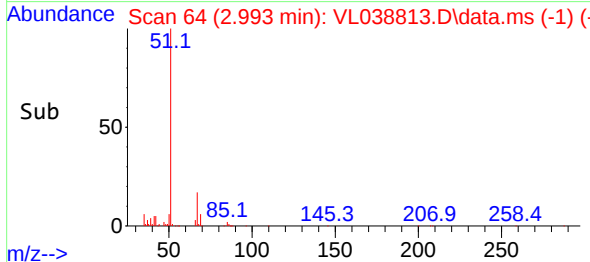
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



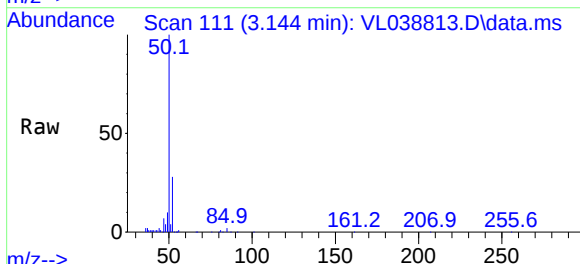
Tgt Ion: 51 Resp: 37401
Ion Ratio Lower Upper
51 100
67 16.2 13.4 20.0

Manual Integrations
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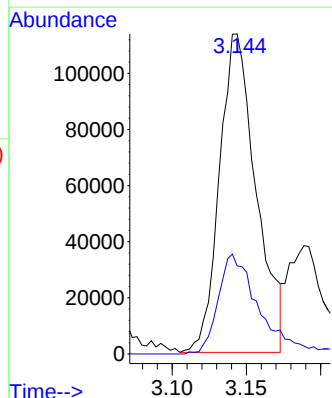
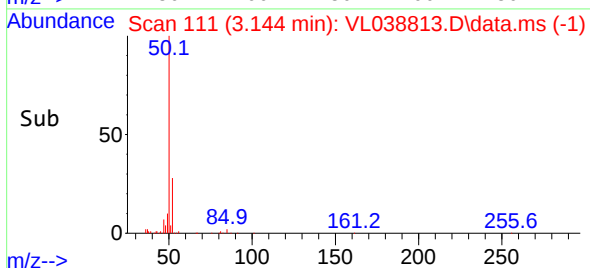
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

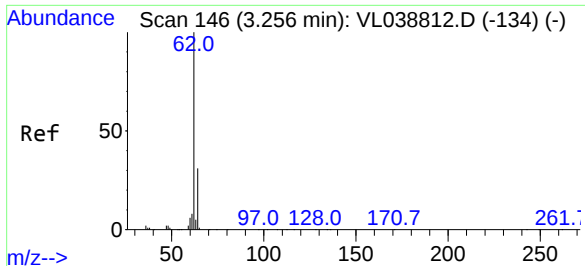


#4
Chloromethane
Concen: 2.272 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



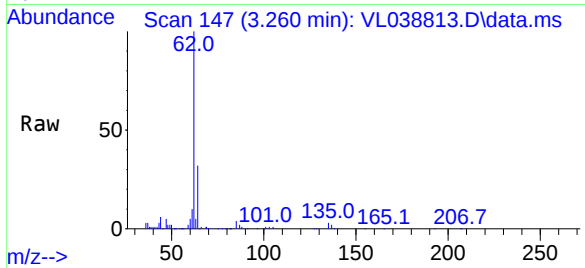
Tgt Ion: 50 Resp: 195270
Ion Ratio Lower Upper
50 100
52 27.9 24.3 36.5





#5
 Vinyl Chloride
 Concen: 1.990 ppbv
 RT: 3.260 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36

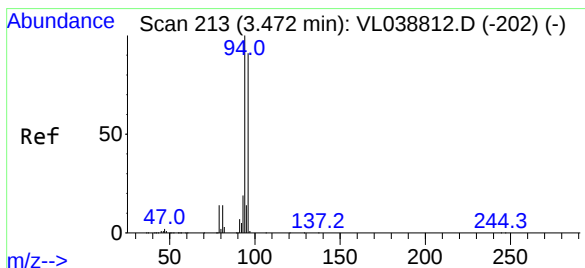
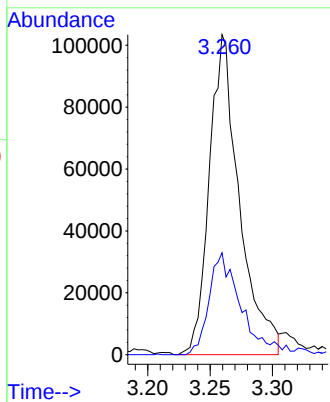
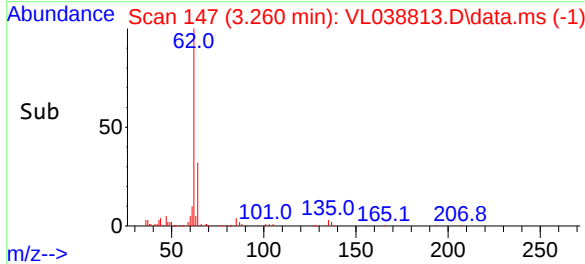
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 62 Resp: 173709
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.6 37.0

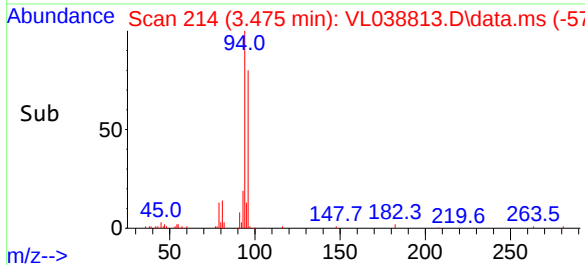
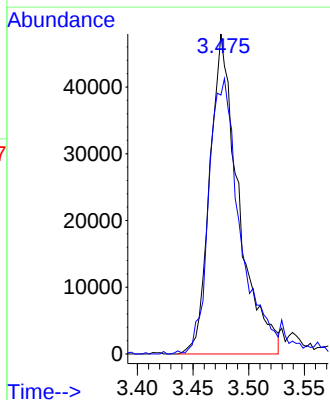
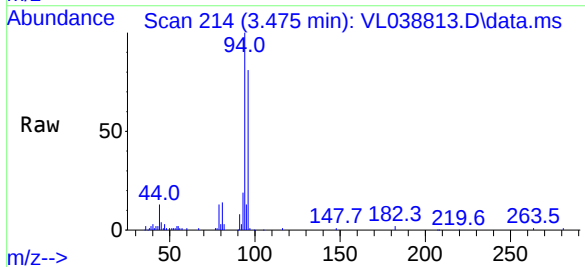
Manual Integrations
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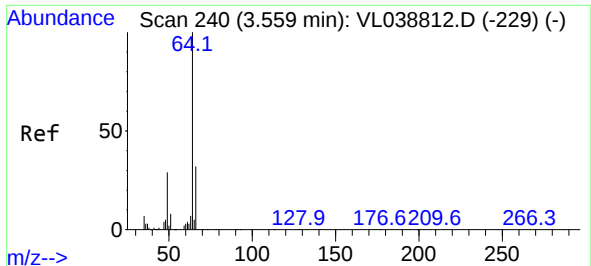
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022



#6
 Bromomethane
 Concen: 1.846 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. 0.003 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36

Tgt Ion: 94 Resp: 85917
 Ion Ratio Lower Upper
 94 100
 96 79.9 73.2 109.8





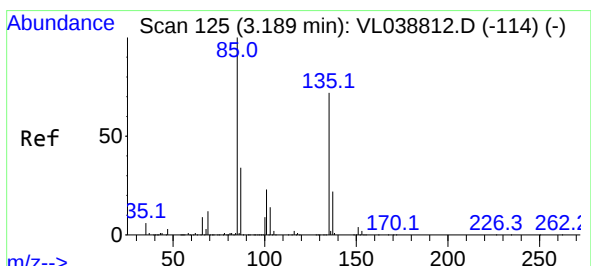
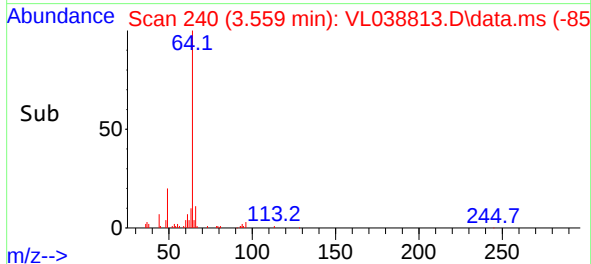
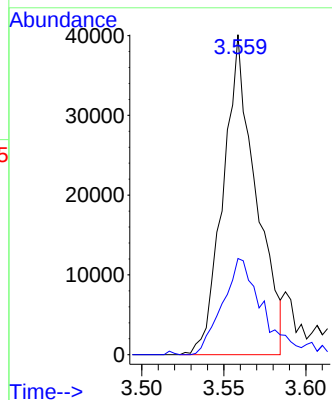
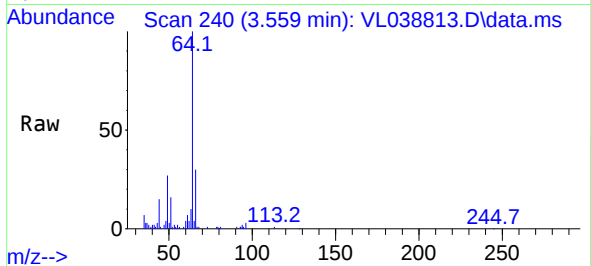
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Chloroethane
Concen: 1.927 ppbv
RT: 3.559 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 64 Resp: 55680
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.2

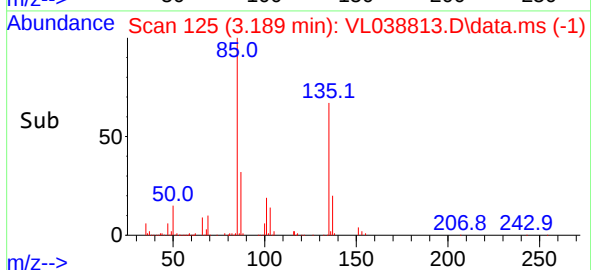
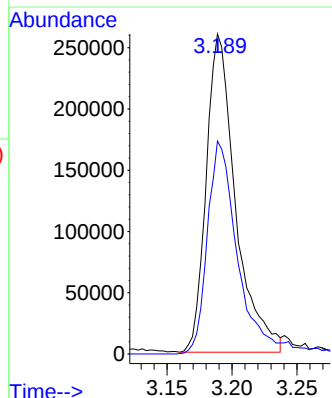
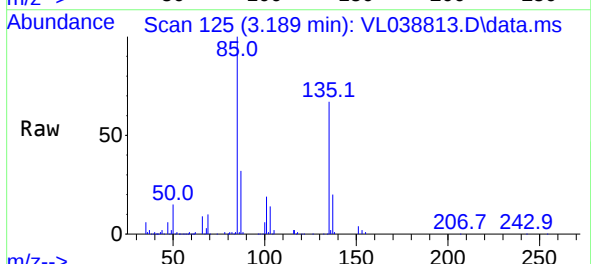
Manual Integrations
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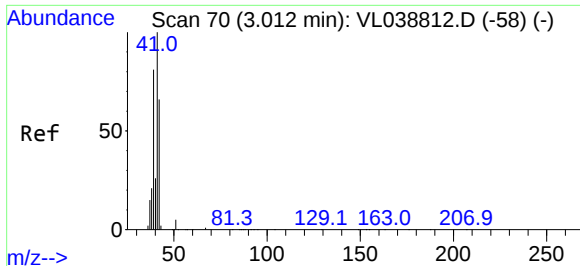
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#8
Dichlorotetrafluoroethane
Concen: 2.051 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

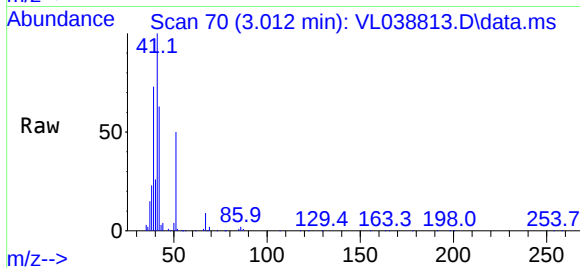
Tgt Ion: 85 Resp: 407995
Ion Ratio Lower Upper
85 100
135 71.5 57.0 85.6





#9
Propene
Concen: 2.549 ppbv
RT: 3.012 min Scan# 70
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

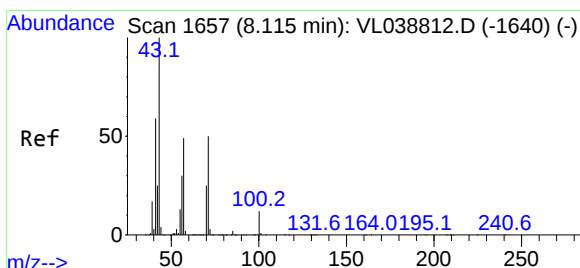
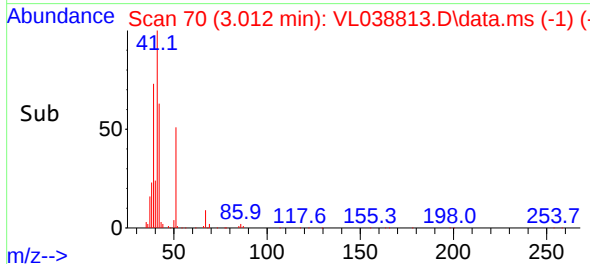
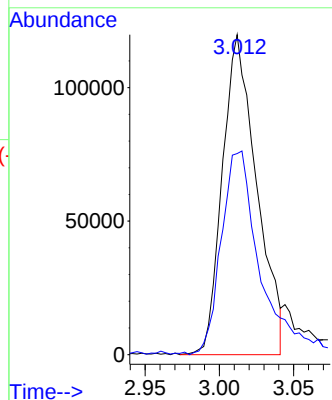
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 41 Resp: 192584
Ion Ratio Lower Upper
41 100
42 74.1 54.2 81.4

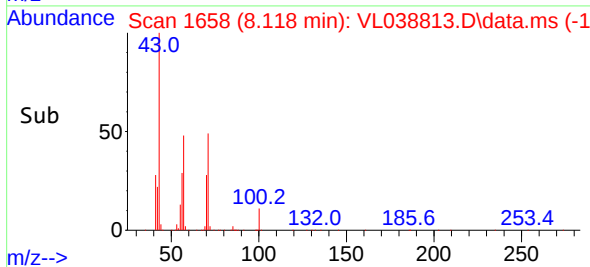
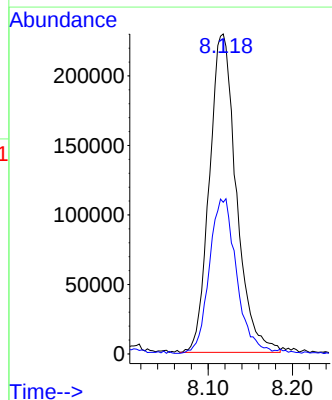
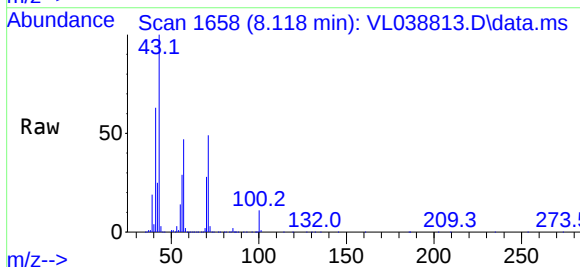
Manual Integrations
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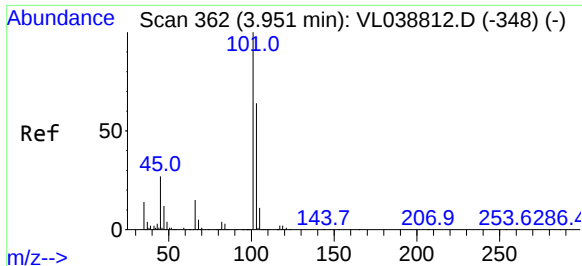
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#10
Heptane
Concen: 2.810 ppbv
RT: 8.118 min Scan# 1658
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

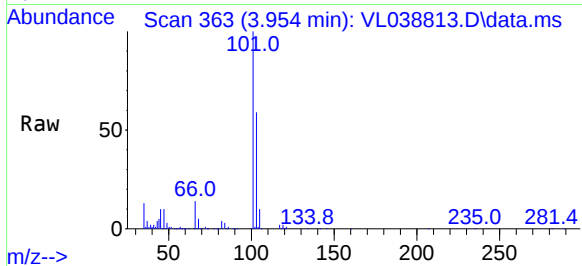
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Ion Ratio Lower Upper
43 100
57 50.1 39.3 58.9





#11
 Trichlorofluoromethane
 Concen: 2.006 ppbv
 RT: 3.954 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36

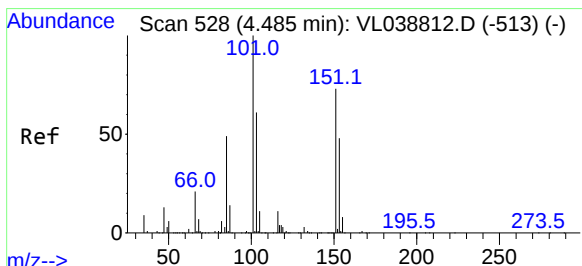
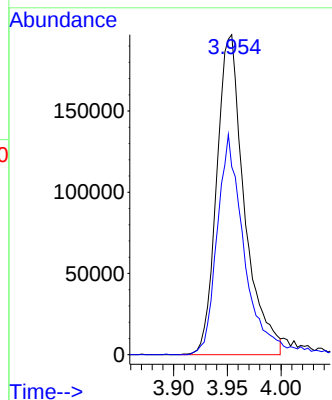
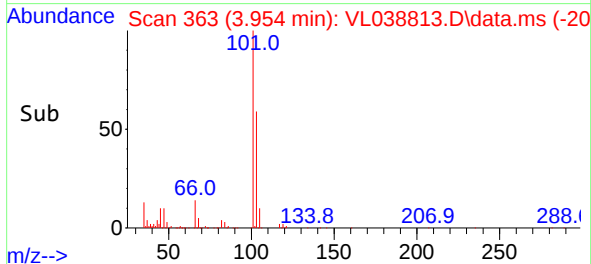
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



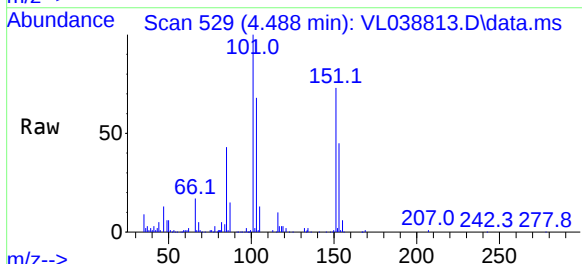
Tgt Ion:101 Resp: 35272
 Ion Ratio Lower Upper
 101 100
 103 58.7 51.4 77.0

Manual Integrations
 APPROVED

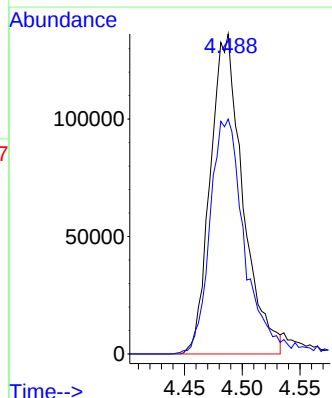
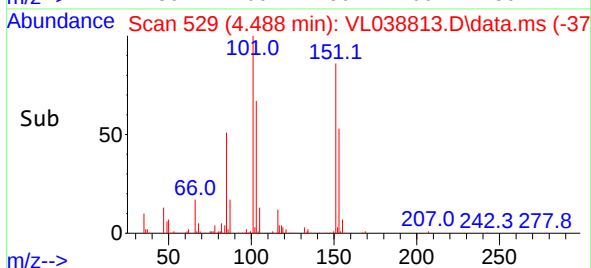
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

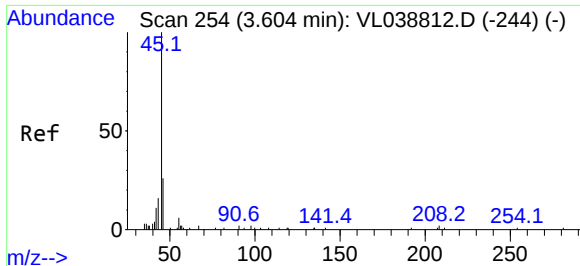


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.965 ppbv
 RT: 4.488 min Scan# 529
 Delta R.T. 0.003 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36



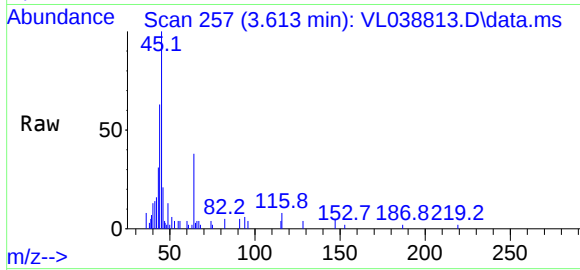
Tgt Ion:101 Resp: 266019
 Ion Ratio Lower Upper
 101 100
 151 80.4 59.9 89.9





#13
Ethanol
Concen: 1.307 ppbv m
RT: 3.613 min Scan# 210
Delta R.T. 0.010 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

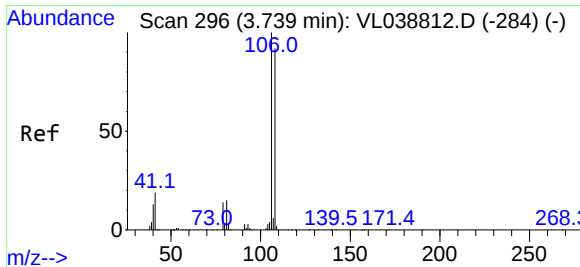
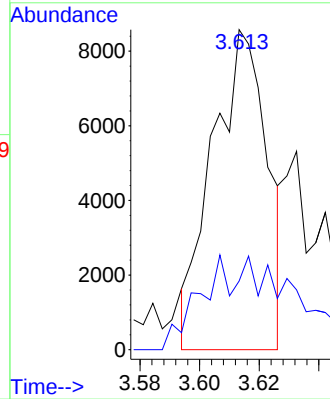
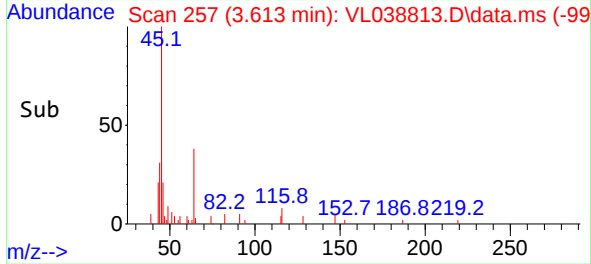
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



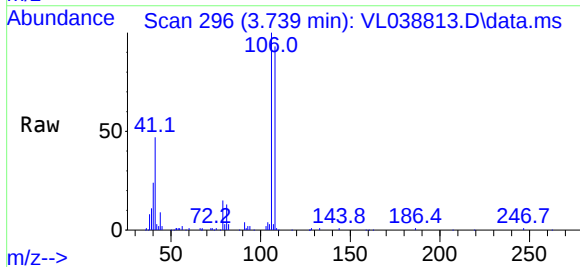
Tgt Ion: 45 Resp: 10894
Ion Ratio Lower Upper
45 100
46 48.3 0.0 0.0

Manual Integrations
APPROVED

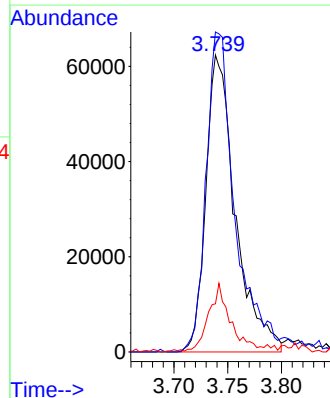
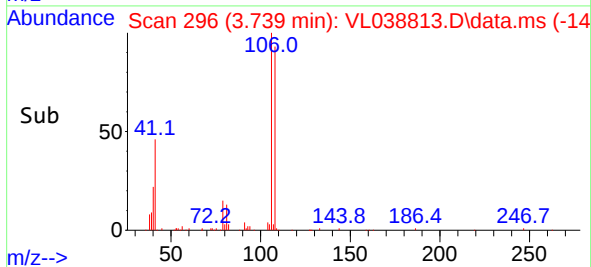
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

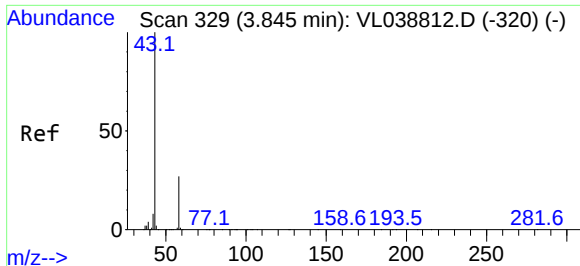


#14
Bromoethene
Concen: 1.976 ppbv
RT: 3.739 min Scan# 296
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



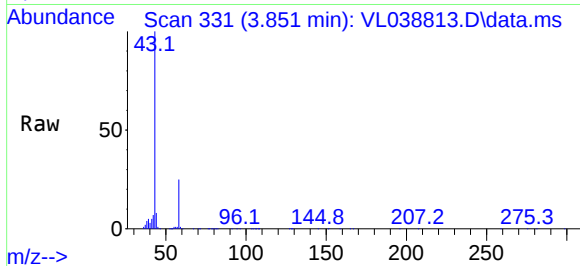
Tgt Ion:108 Resp: 118854
Ion Ratio Lower Upper
108 100
106 110.3 91.5 137.3
79 20.0 13.7 20.5





#15
Acetone
Concen: 2.423 ppbv m
RT: 3.851 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

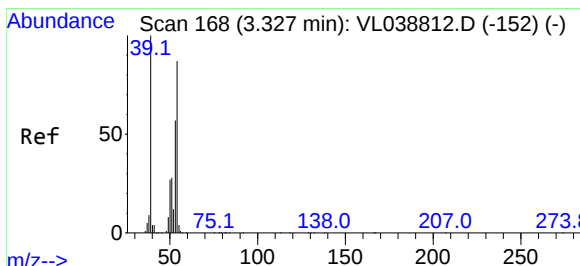
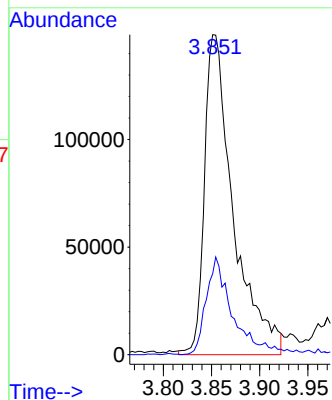
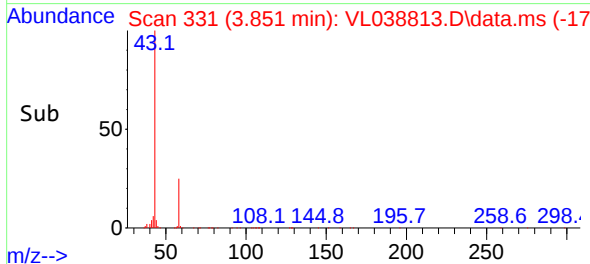
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



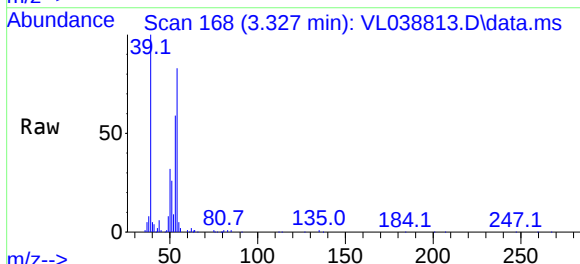
Tgt Ion: 43 Resp: 30976
Ion Ratio Lower Upper
43 100
58 28.5 22.5 33.7

Manual Integrations
APPROVED

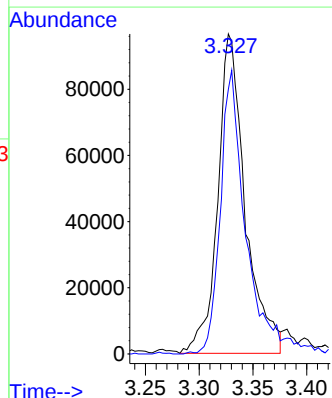
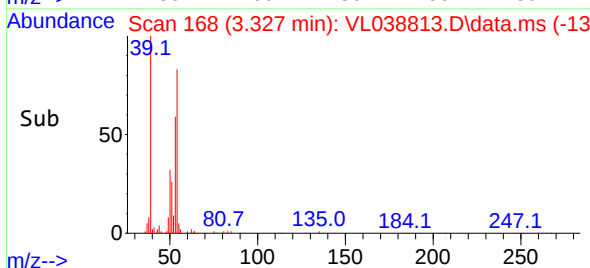
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

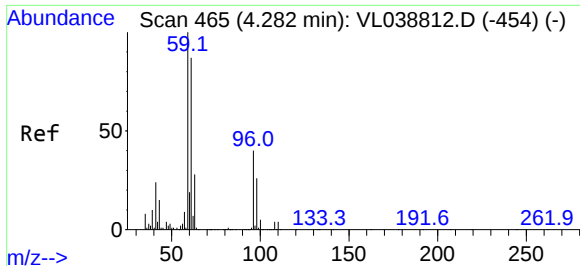


#16
1,3-Butadiene
Concen: 2.361 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



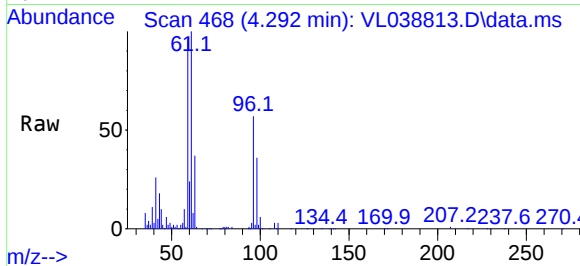
Tgt Ion: 39 Resp: 171326
Ion Ratio Lower Upper
39 100
54 84.2 64.8 97.2





#17
tert-Butyl alcohol
Concen: 2.340 ppbv m
RT: 4.292 min Scan# 468
Delta R.T. 0.010 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

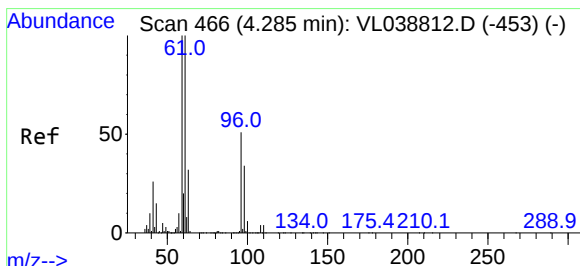
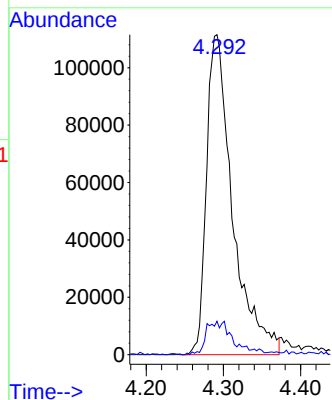
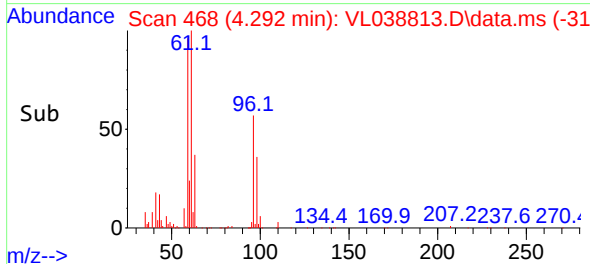
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



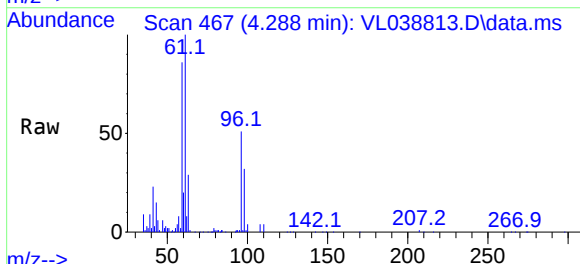
Tgt Ion: 59 Resp: 261350
Ion Ratio Lower Upper
59 100
57 11.9 8.5 12.7

Manual Integrations
APPROVED

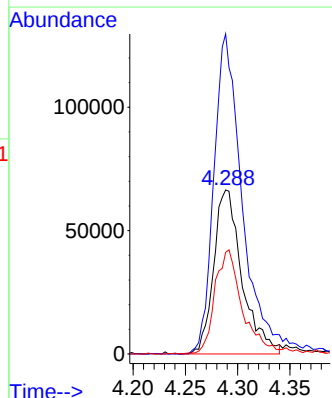
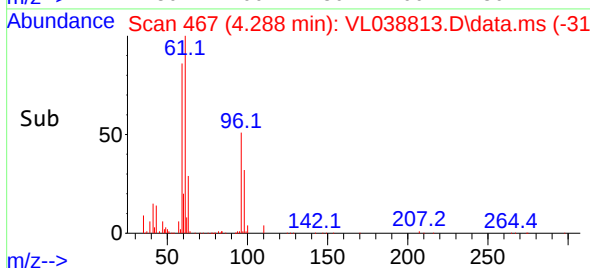
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

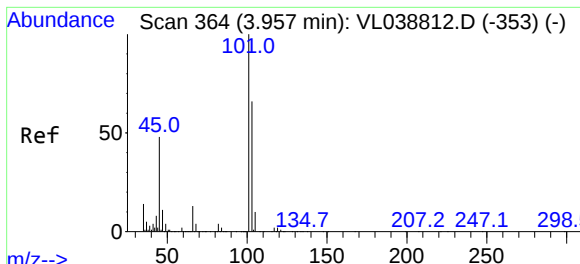


#18
1,1-Dichloroethene
Concen: 2.064 ppbv m
RT: 4.288 min Scan# 467
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



Tgt Ion: 96 Resp: 125524
Ion Ratio Lower Upper
96 100
61 195.1 156.1 234.1
98 61.9 53.0 79.6





#19
Isopropyl Alcohol
Concen: 2.118 ppbv m
RT: 3.970 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

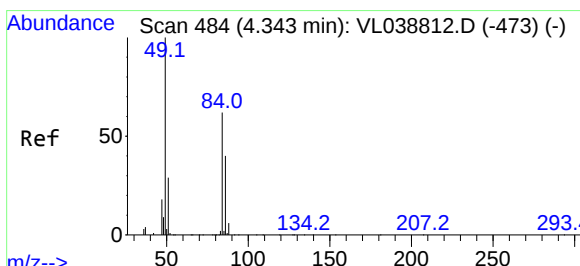
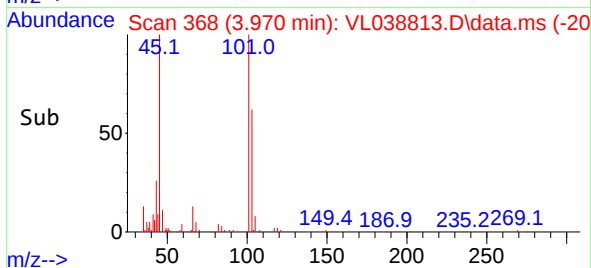
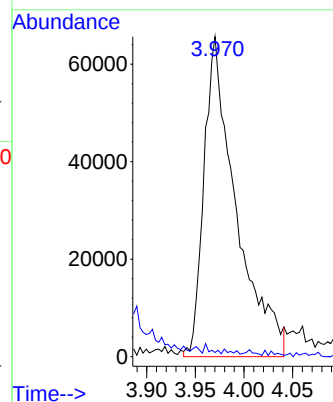
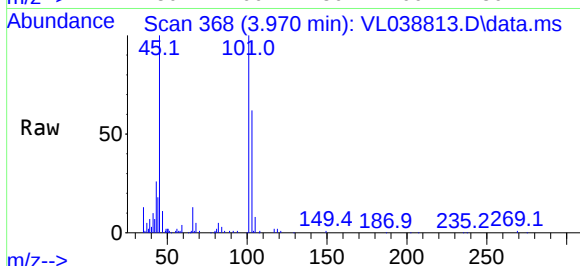
ClientSampleId :

VSTDICC002

Tgt Ion: 45 Resp: 15014
Ion Ratio Lower Upper
45 100
58 59.4 0.0 0.0

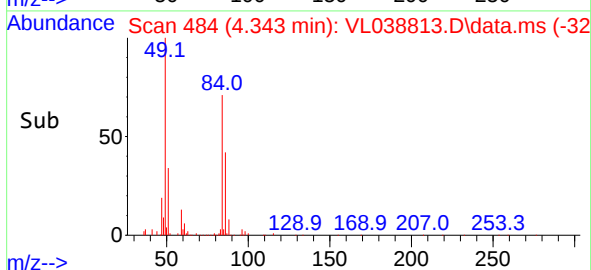
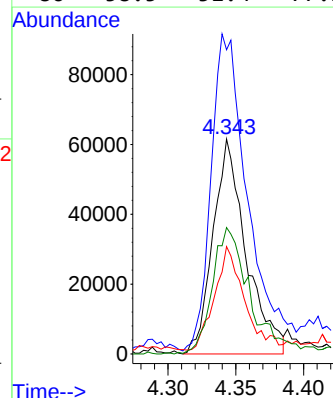
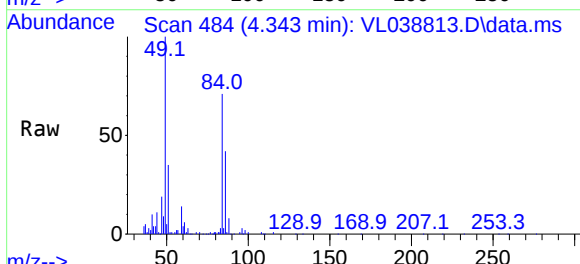
Manual Integrations
APPROVED

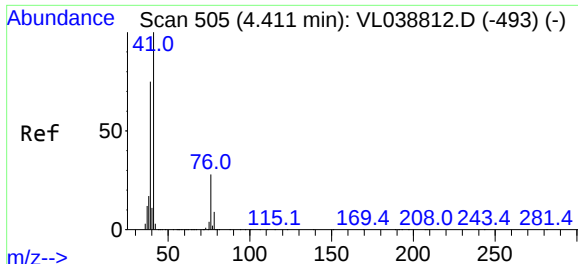
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#20
Methylene Chloride
Concen: 1.942 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

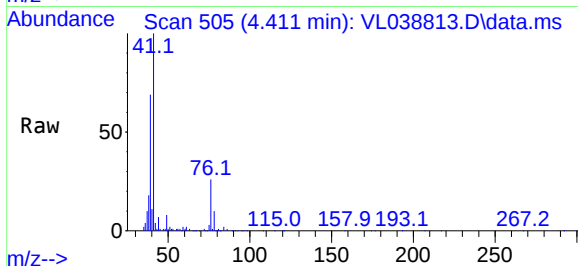
Tgt Ion: 84 Resp: 104616
Ion Ratio Lower Upper
84 100
49 140.1 129.4 194.0
51 47.3 37.4 56.2
86 58.5 51.4 77.2





#21
 Allyl Chloride
 Concen: 2.405 ppbv
 RT: 4.411 min Scan# 505
 Delta R.T. -0.000 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36

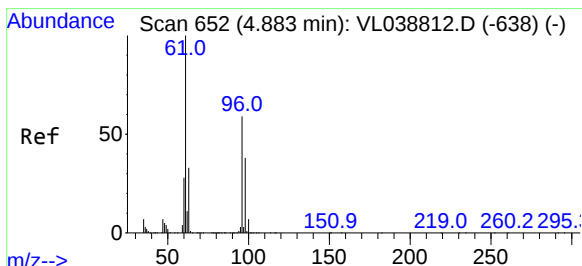
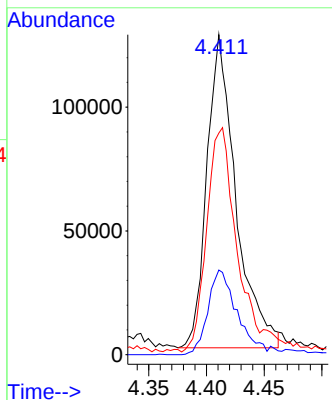
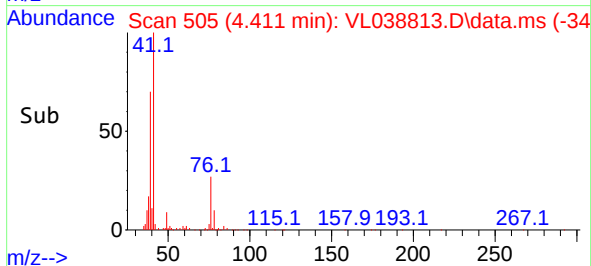
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



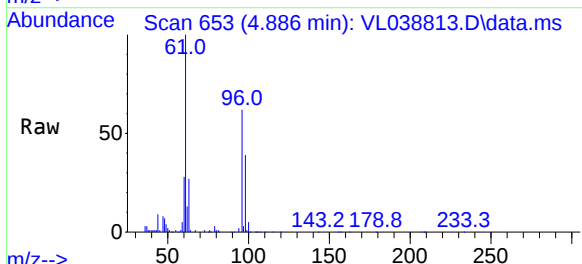
Tgt Ion: 41 Resp: 221311
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 79.0 62.0 93.0

Manual Integrations
 APPROVED

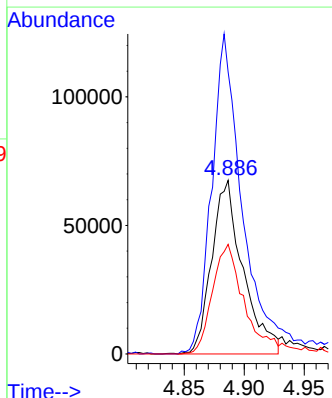
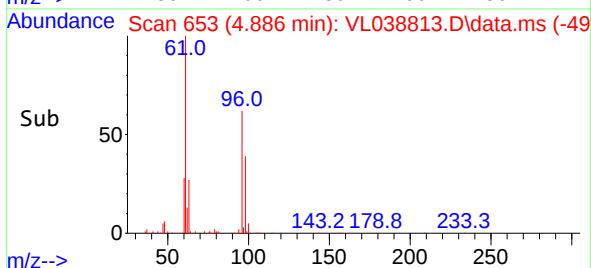
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

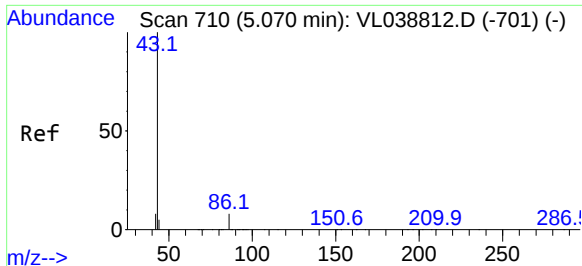


#22
 trans-1,2-Dichloroethene
 Concen: 1.942 ppbv
 RT: 4.886 min Scan# 653
 Delta R.T. 0.003 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36



Tgt Ion: 96 Resp: 122494
 Ion Ratio Lower Upper
 96 100
 61 162.5 134.8 202.2
 98 63.1 51.9 77.9





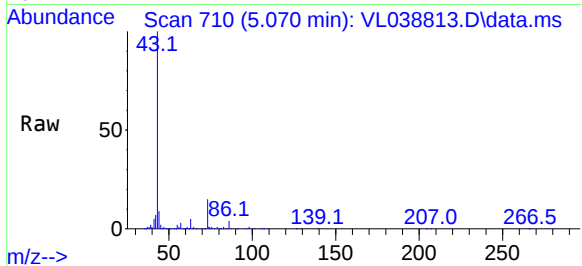
#23
 Vinyl Acetate
 Concen: 2.299 ppbv
 RT: 5.070 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



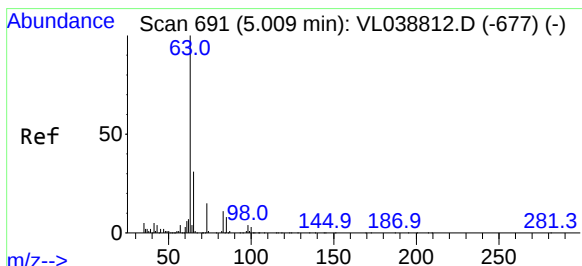
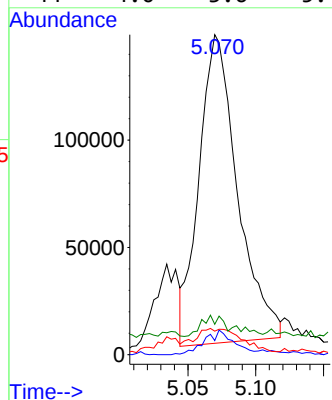
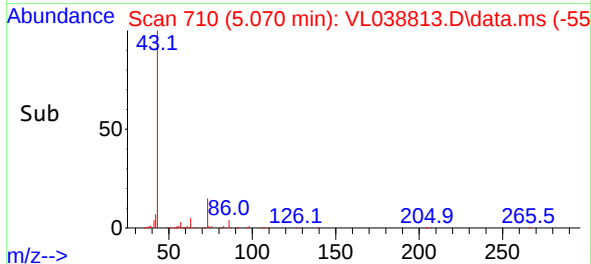
Tgt Ion: 43 Resp: 28468

Ion	Ratio	Lower	Upper
43	100		
86	4.7	5.8	8.6
42	7.1	7.8	11.6
44	4.0	3.6	5.4

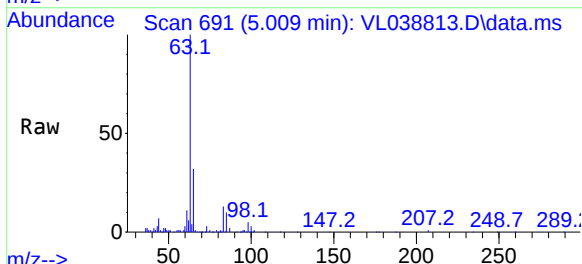
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

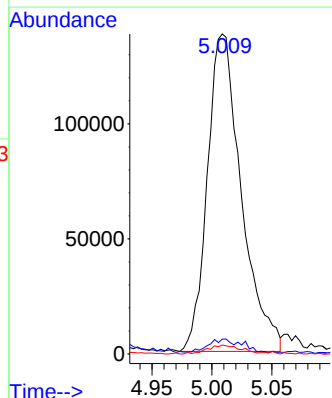
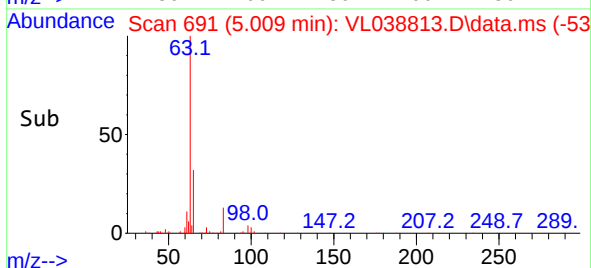


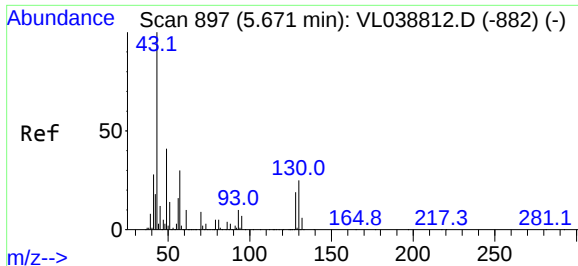
#24
 1,1-Dichloroethane
 Concen: 2.230 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36



Tgt Ion: 63 Resp: 271940

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.2	6.6
100	2.8	1.4	4.0





#25
Ethyl Acetate
Concen: 2.389 ppbv
RT: 5.677 min Scan# 897
Delta R.T. 0.006 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

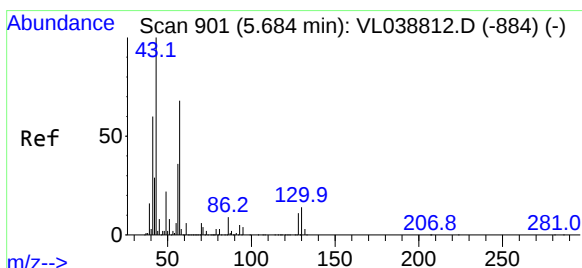
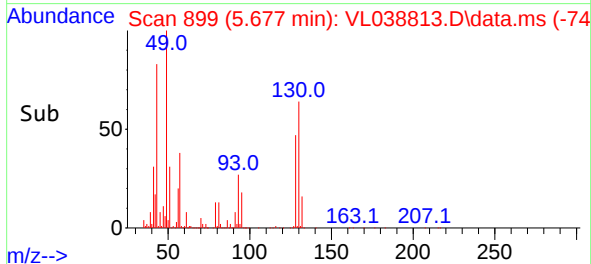
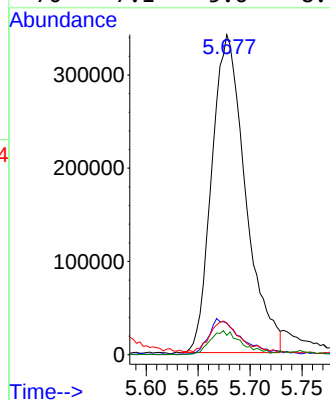
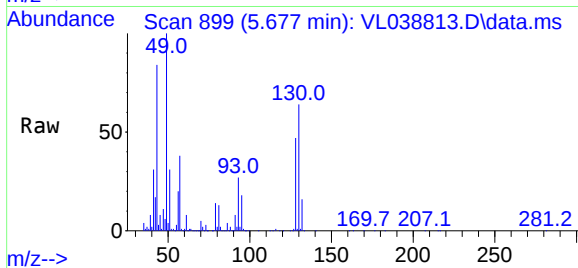
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 769139

Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.4	12.6
61	9.3	7.9	11.9
70	7.1	5.6	8.4

Manual Integrations
APPROVED

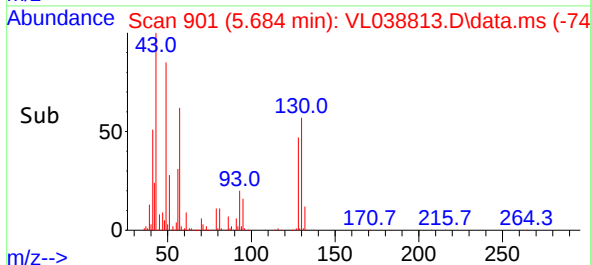
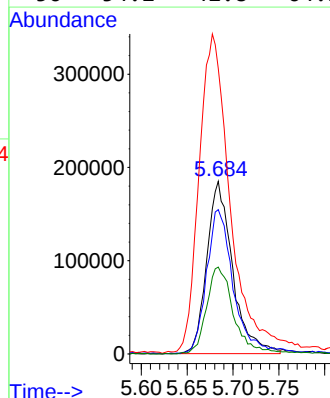
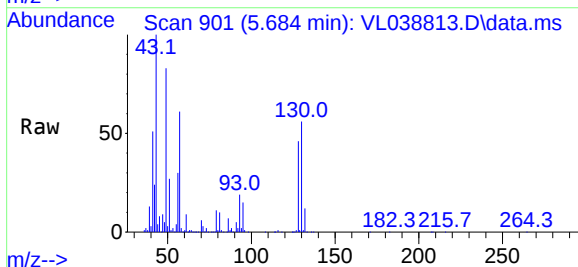
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

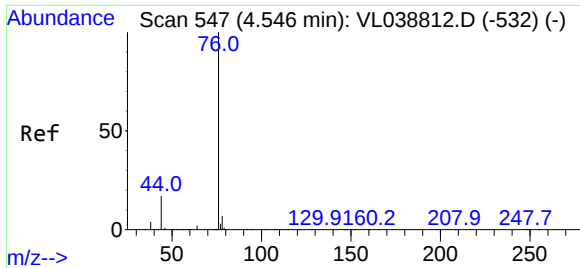


#26
Hexane
Concen: 2.508 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 57 Resp: 361486

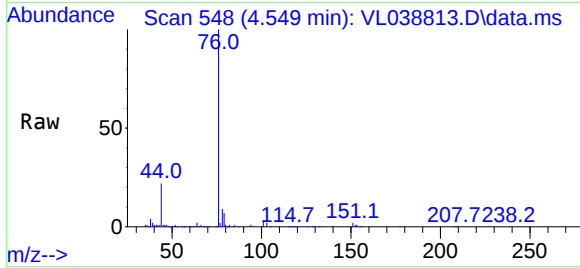
Ion	Ratio	Lower	Upper
57	100		
41	88.9	72.0	108.0
43	228.3	186.6	280.0
56	54.2	42.8	64.2





#27
Carbon Disulfide
Concen: 2.287 ppbv
RT: 4.549 min Scan# 547
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

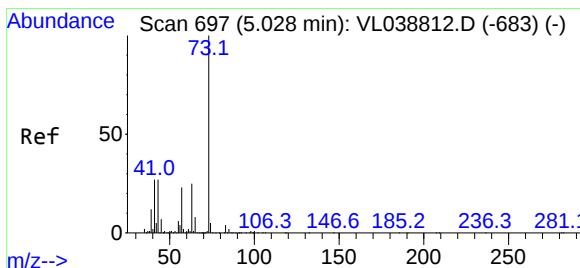
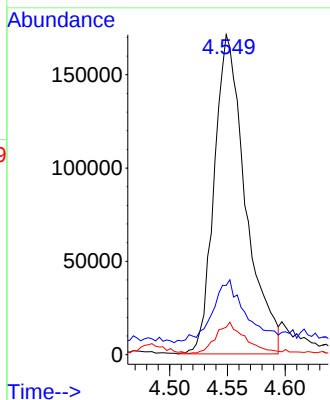
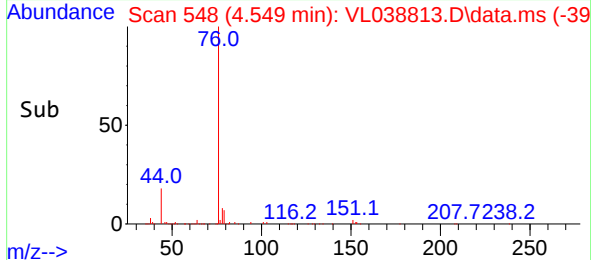
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 76 Resp: 323279
Ion Ratio Lower Upper
76 100
44 23.1 15.7 23.5
78 10.8 7.8 11.8

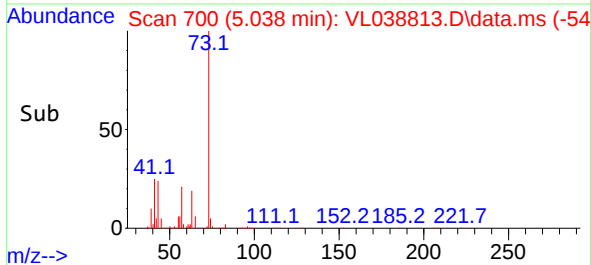
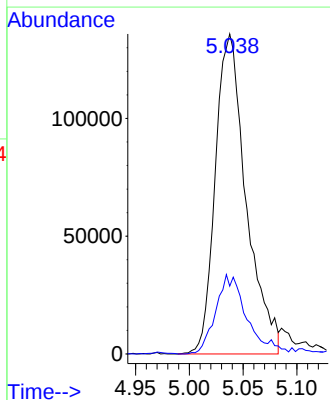
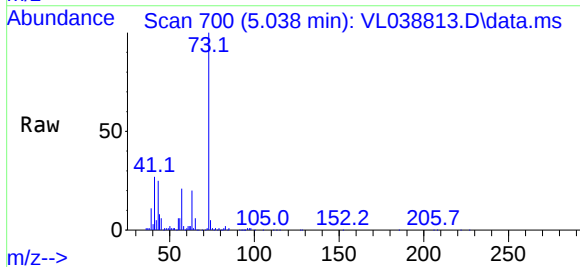
Manual Integrations
APPROVED

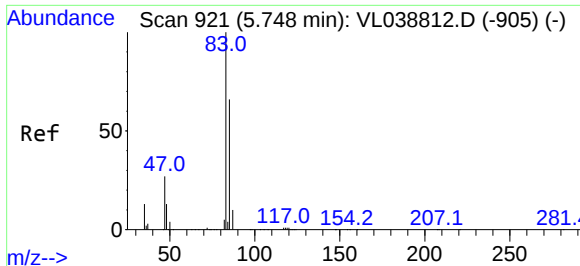
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#28
Methyl tert-Butyl Ether
Concen: 2.522 ppbv
RT: 5.038 min Scan# 700
Delta R.T. 0.010 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

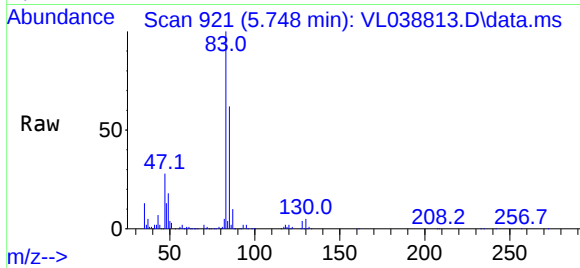
Tgt Ion: 73 Resp: 270713
Ion Ratio Lower Upper
73 100
57 26.2 19.7 29.5





#29
Chloroform
Concen: 2.114 ppbv
RT: 5.748 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

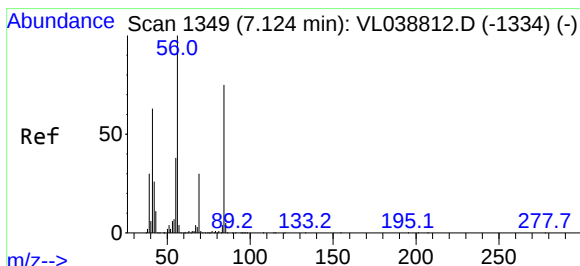
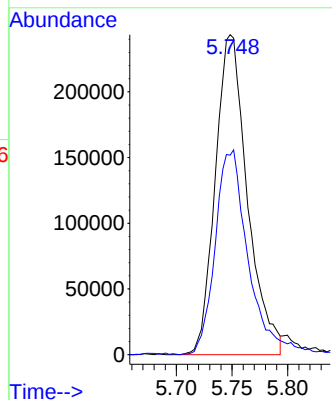
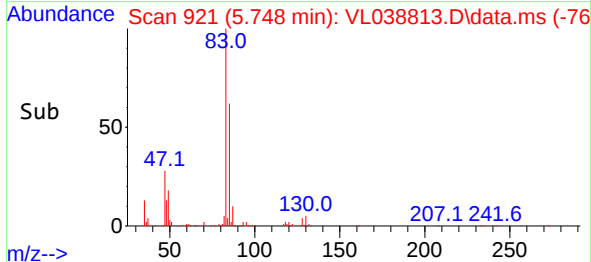
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



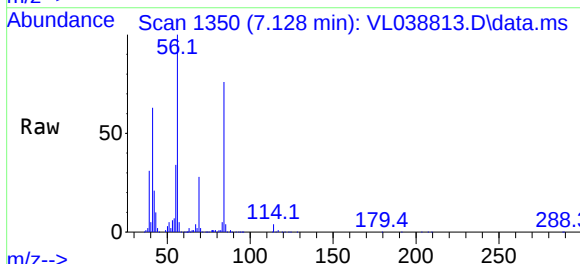
Tgt Ion: 83 Resp: 48783
Ion Ratio Lower Upper
83 100
85 62.4 52.5 78.7

Manual Integrations
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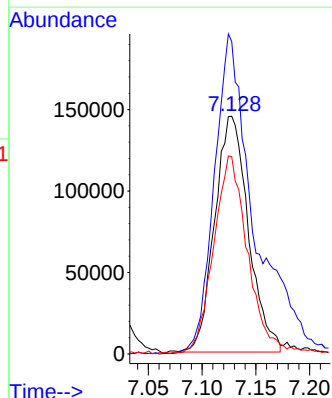
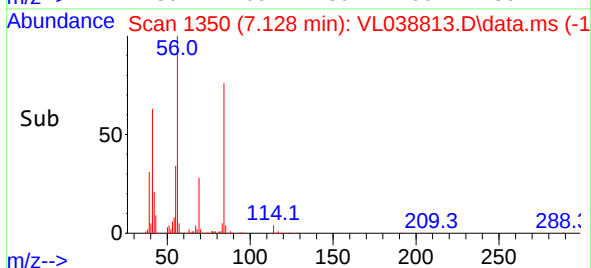
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

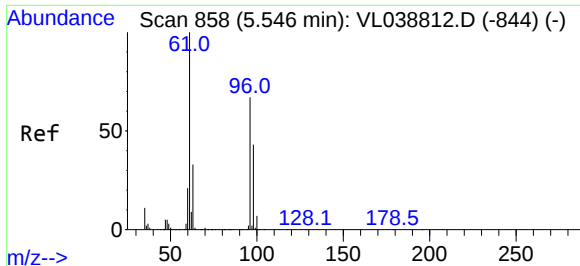


#30
Cyclohexane
Concen: 2.521 ppbv
RT: 7.128 min Scan# 1350
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



Tgt Ion: 84 Resp: 315869
Ion Ratio Lower Upper
84 100
56 162.3 114.4 171.6
41 86.6 69.0 103.4





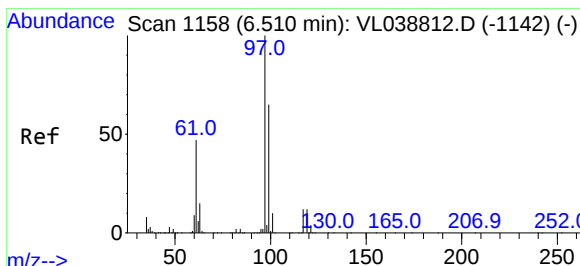
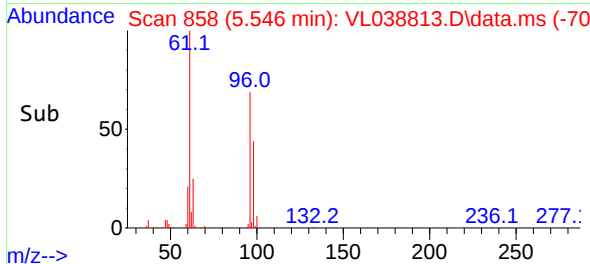
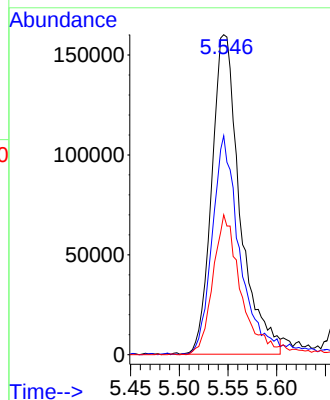
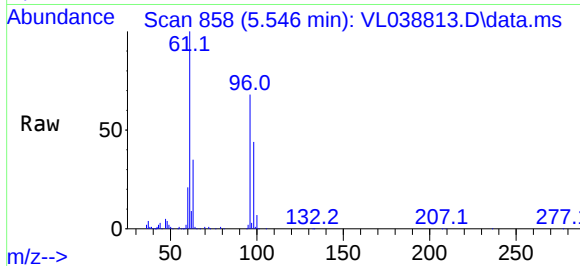
#31
cis-1,2-Dichloroethene
Concen: 2.382 ppbv
RT: 5.546 min Scan# 858
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 61 Resp: 32280
Ion Ratio Lower Upper
61 100
96 68.6 53.4 80.0
98 43.9 34.2 51.4

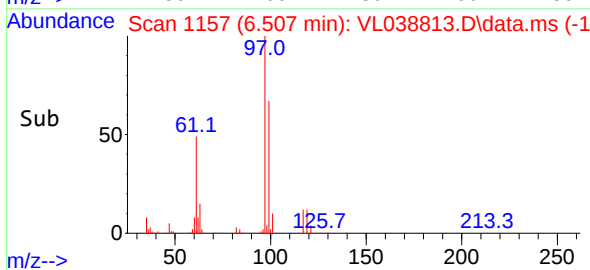
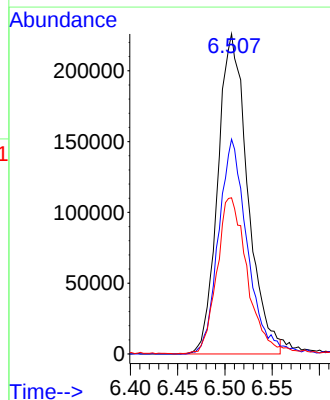
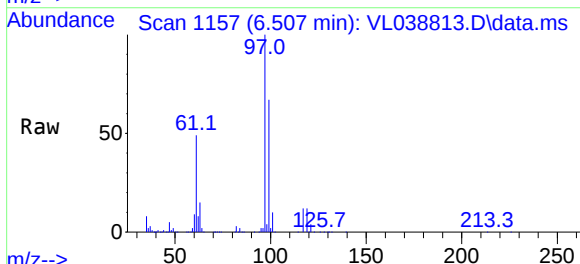
Manual Integrations
APPROVED

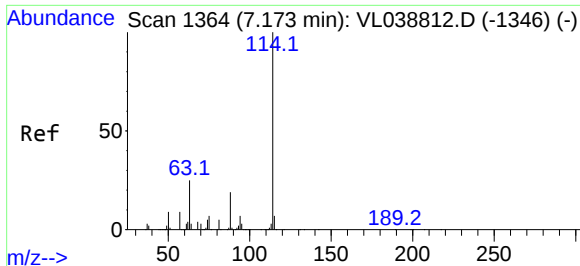
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#32
1,1,1-Trichloroethane
Concen: 2.230 ppbv
RT: 6.507 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 97 Resp: 496472
Ion Ratio Lower Upper
97 100
99 65.8 52.4 78.6
61 50.9 38.6 57.8





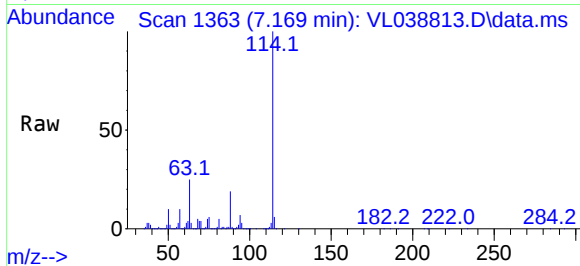
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

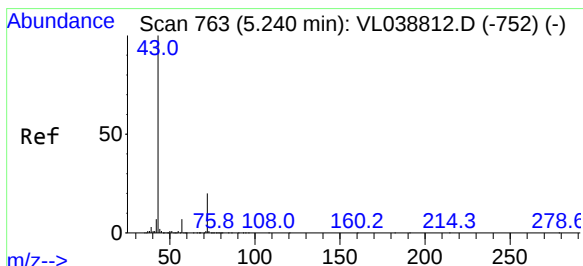
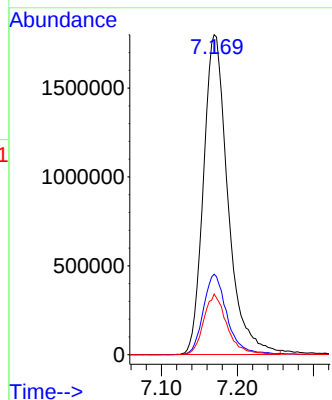
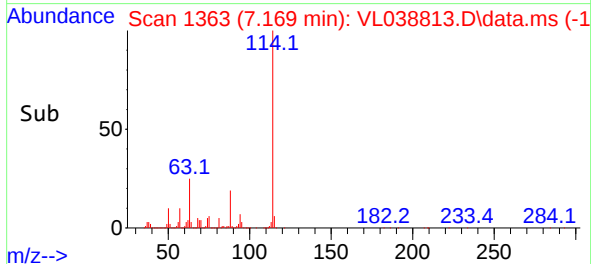


Tgt Ion:114 Resp: 4029808
Ion Ratio Lower Upper
114 100
63 24.7 19.8 29.8
88 18.2 14.2 21.4

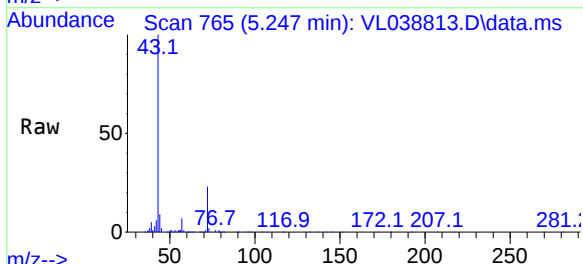
Manual Integrations

APPROVED

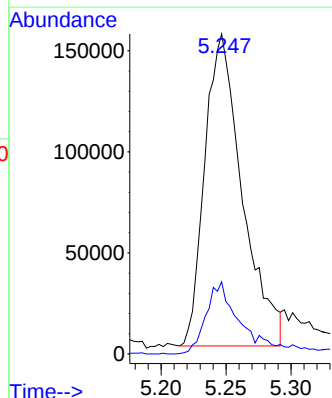
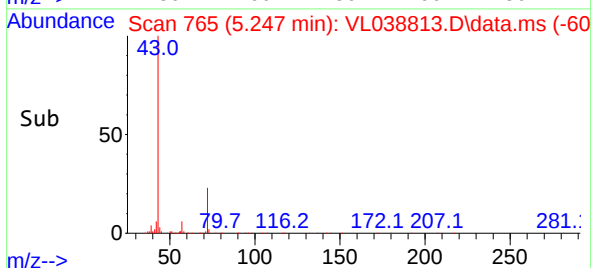
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

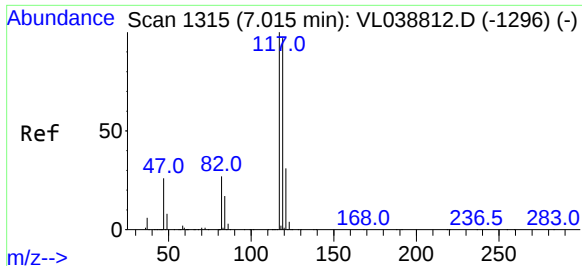


#34
2-Butanone
Concen: 1.943 ppbv
RT: 5.247 min Scan# 765
Delta R.T. 0.006 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



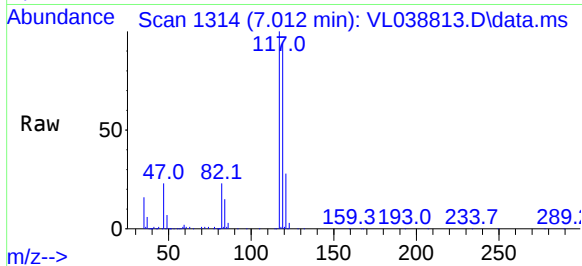
Tgt Ion: 43 Resp: 309974
Ion Ratio Lower Upper
43 100
72 23.4 16.9 25.3





#35
Carbon Tetrachloride
Concen: 2.219 ppbv
RT: 7.012 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

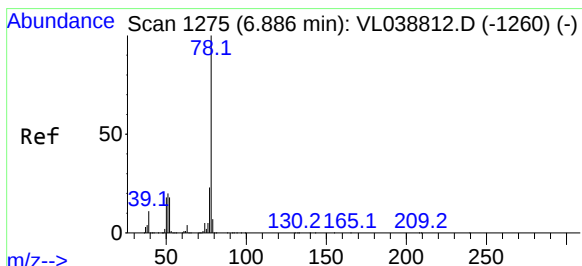
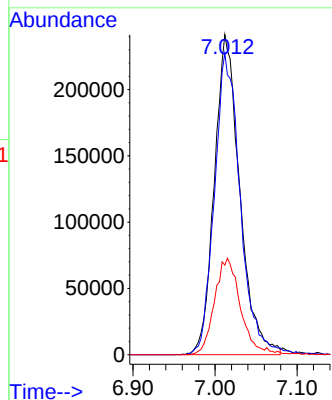
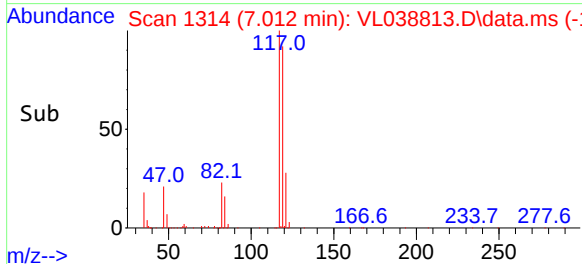
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



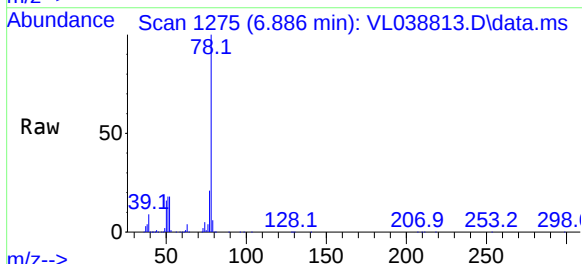
Tgt Ion: 117 Resp: 51873
Ion Ratio Lower Upper
117 100
119 94.3 77.7 116.5
121 28.0 24.5 36.7

Manual Integrations
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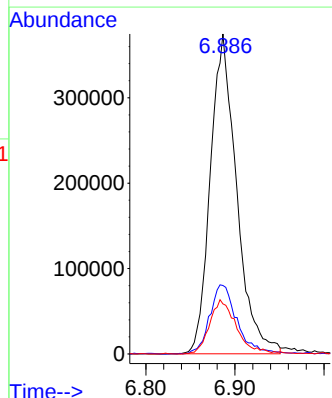
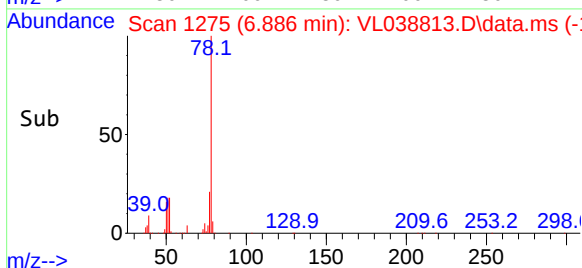
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

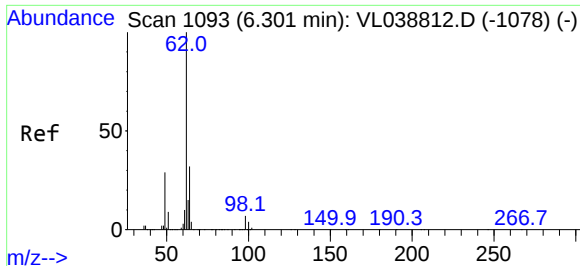


#36
Benzene
Concen: 2.469 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



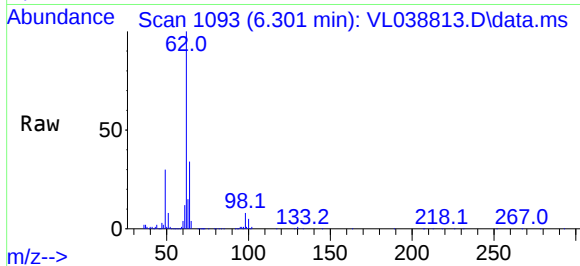
Tgt Ion: 78 Resp: 767791
Ion Ratio Lower Upper
78 100
77 21.2 18.2 27.2
50 15.6 14.0 21.0





#37
1,2-Dichloroethane
Concen: 2.259 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

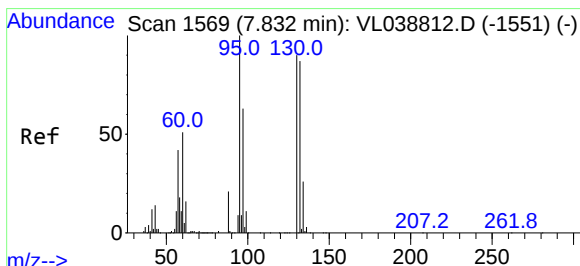
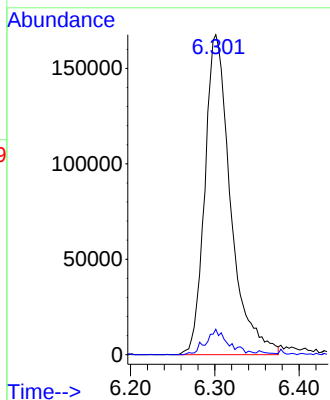
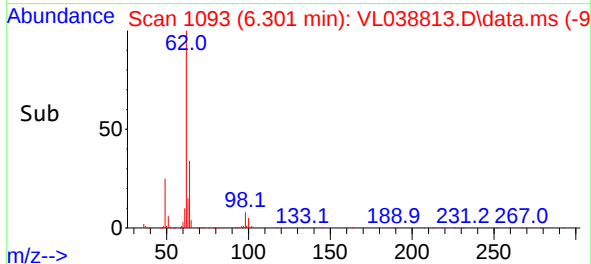
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



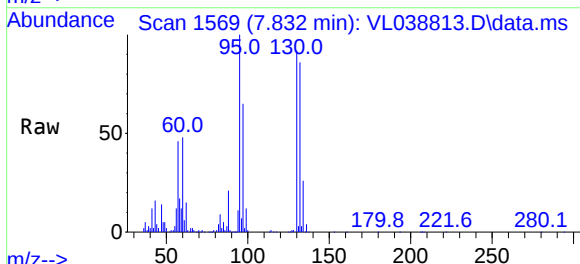
Tgt Ion: 62 Resp: 357330
Ion Ratio Lower Upper
62 100
98 7.0 5.9 8.9

Manual Integrations
APPROVED

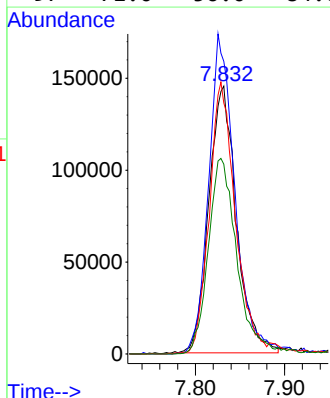
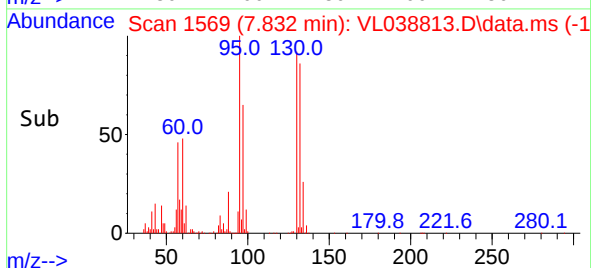
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

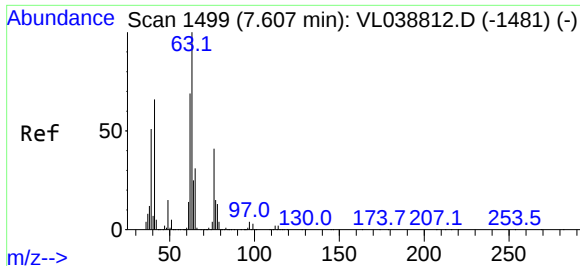


#38
Trichloroethene
Concen: 2.392 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



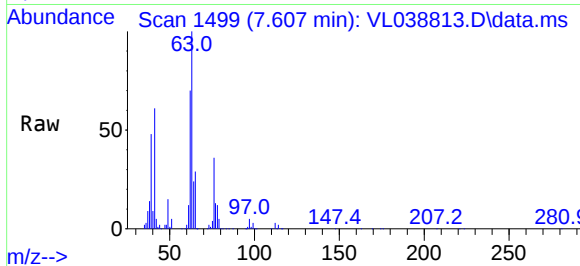
Tgt Ion:130 Resp: 311700
Ion Ratio Lower Upper
130 100
95 109.5 89.4 134.0
132 93.9 77.7 116.5
97 71.0 56.0 84.0





#39
1,2-Dichloropropane
Concen: 2.429 ppbv
RT: 7.607 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

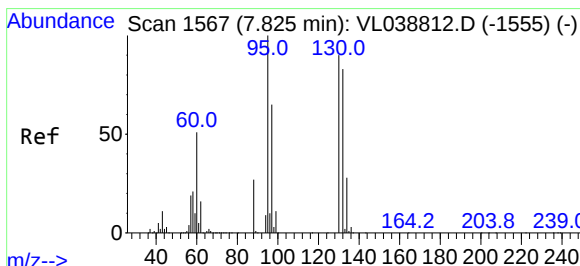
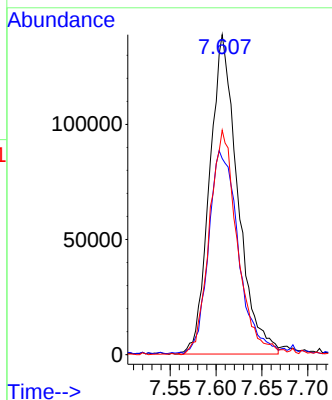
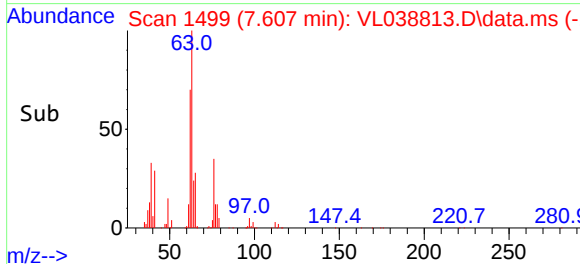
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



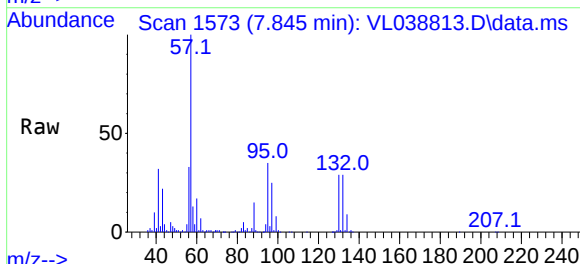
Tgt Ion: 63 Resp: 295275
Ion Ratio Lower Upper
63 100
41 60.8 53.0 79.6
62 70.0 55.0 82.4

Manual Integrations
APPROVED

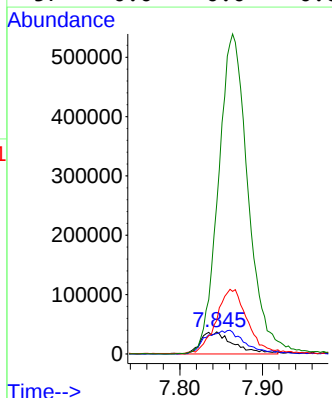
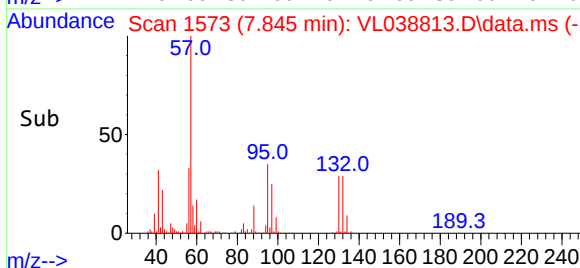
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

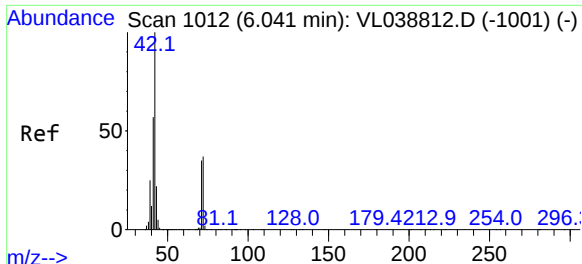


#40
1,4-Dioxane
Concen: 2.422 ppbv m
RT: 7.845 min Scan# 1573
Delta R.T. 0.019 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



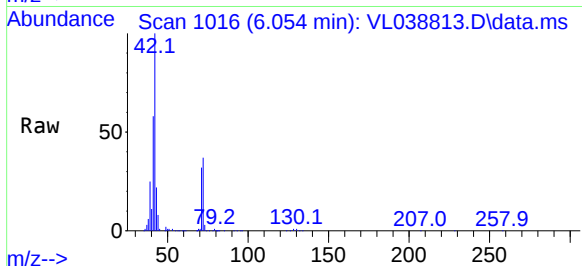
Tgt Ion: 88 Resp: 102265
Ion Ratio Lower Upper
88 100
58 0.0 49.4 74.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 2.640 ppbv
RT: 6.054 min Scan# 1012
Delta R.T. 0.013 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

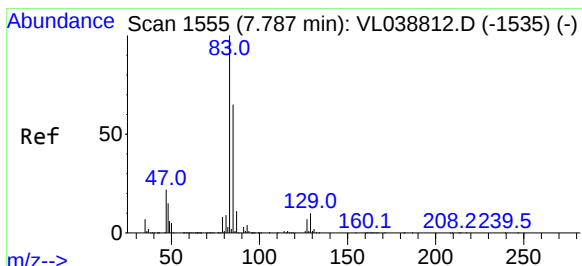
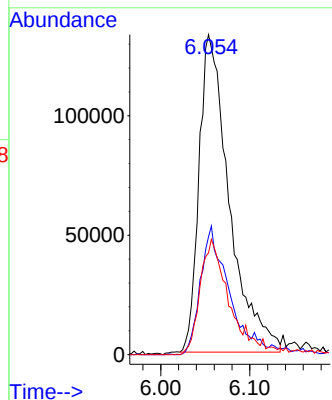
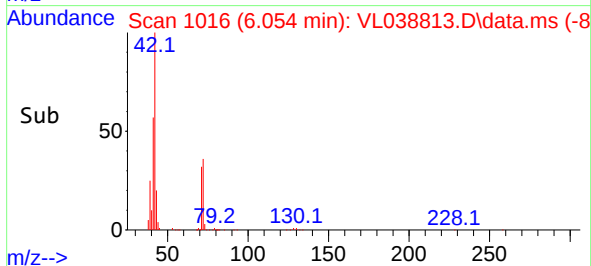
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 42 Resp: 313338
Ion Ratio Lower Upper
42 100
72 41.0 31.4 47.0
71 37.3 30.2 45.4

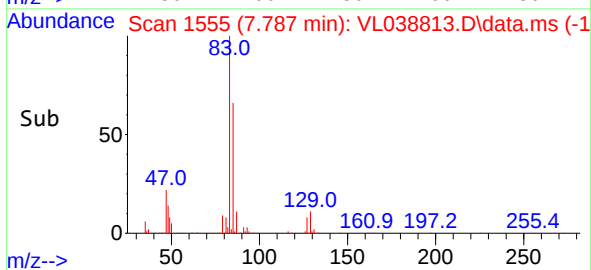
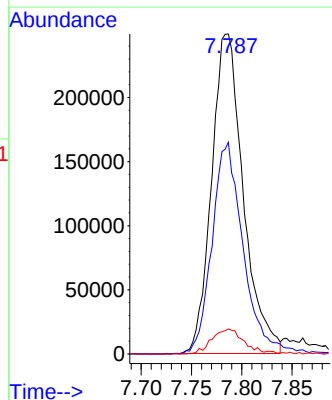
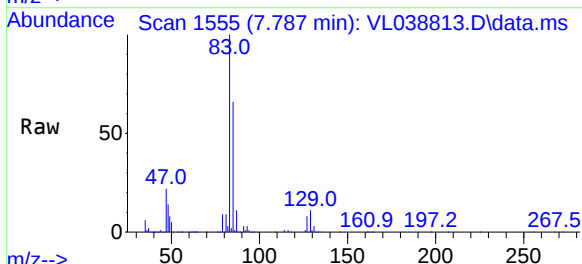
Manual Integrations
APPROVED

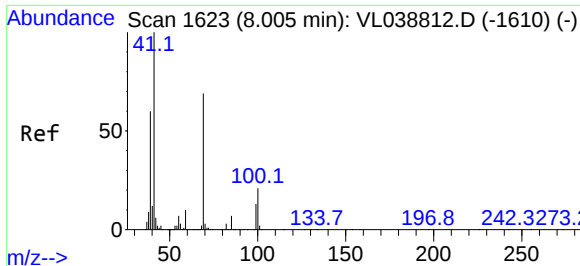
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#42
Bromodichloromethane
Concen: 2.299 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 83 Resp: 545378
Ion Ratio Lower Upper
83 100
85 66.3 51.7 77.5
127 7.8 5.9 8.9





#43

Methyl Methacrylate

Concen: 2.568 ppbv

RT: 8.009 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL038813.D

Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 69 Resp: 29647

Ion Ratio Lower Upper

69 100

41 153.7 119.0 178.4

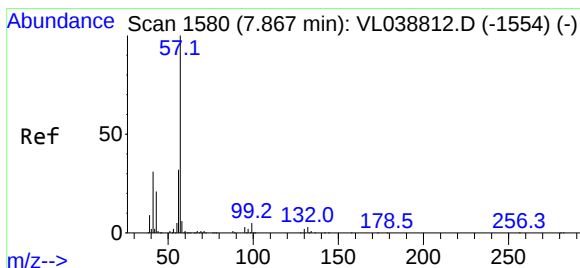
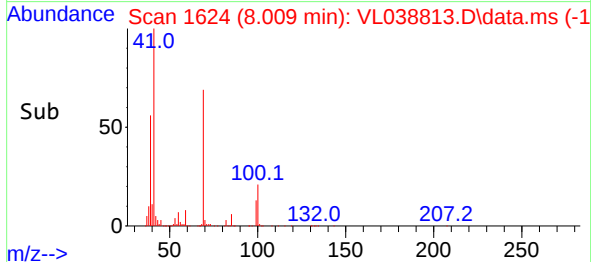
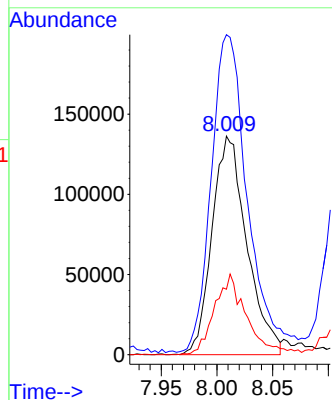
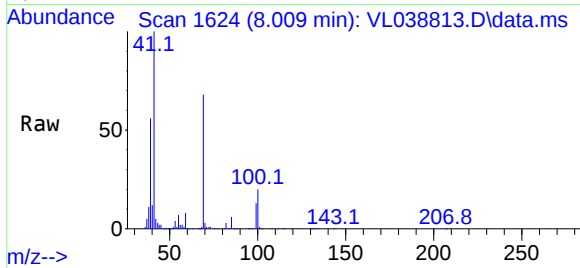
100 33.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#44

2,2,4-Trimethylpentane

Concen: 2.584 ppbv

RT: 7.864 min Scan# 1579

Delta R.T. -0.003 min

Lab File: VL038813.D

Acq: 5 Apr 2022 16:36

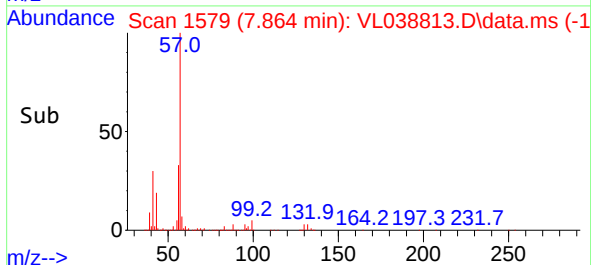
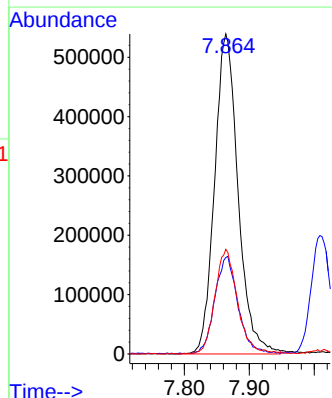
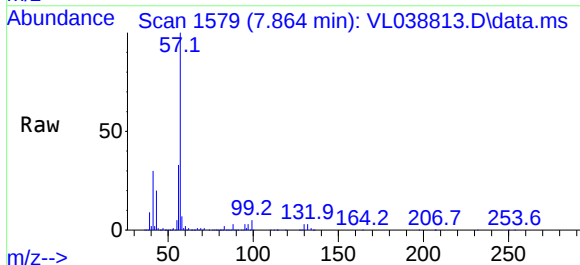
Tgt Ion: 57 Resp: 1349411

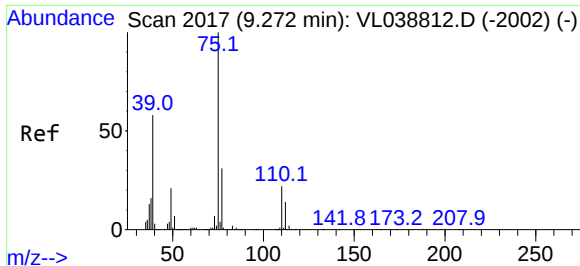
Ion Ratio Lower Upper

57 100

41 30.0 25.0 37.4

56 31.7 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 2.553 ppbv
RT: 9.272 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

ClientSampleId :

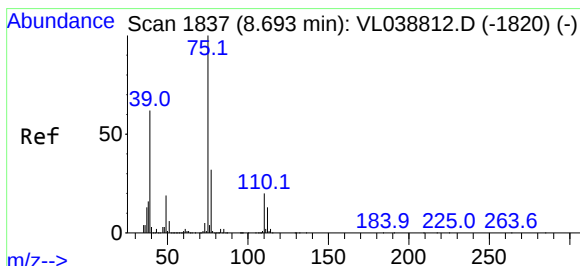
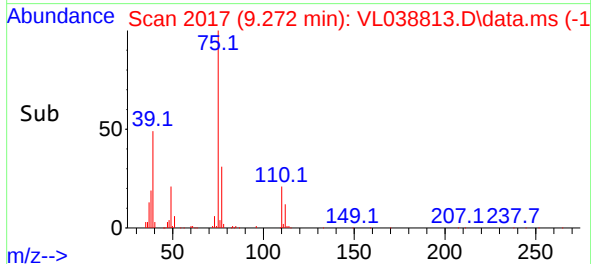
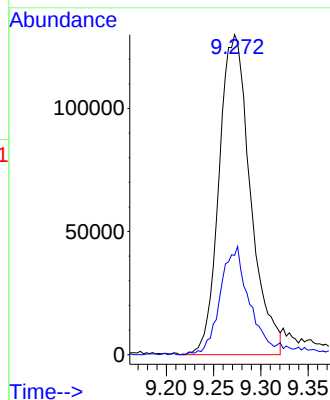
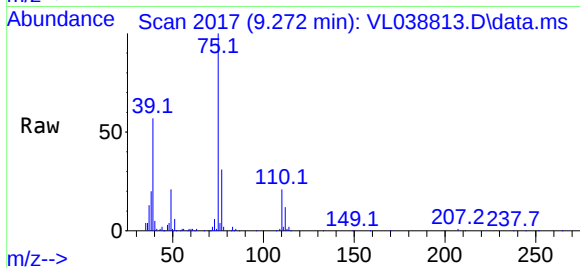
VSTDIC002

Tgt Ion: 75 Resp: 299740
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4

Manual Integrations

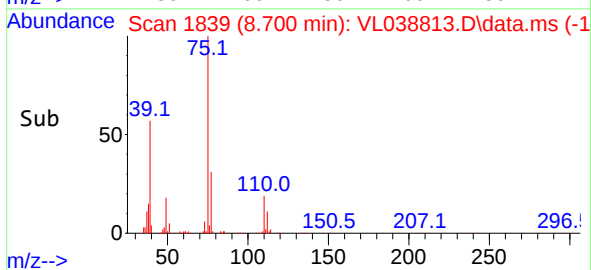
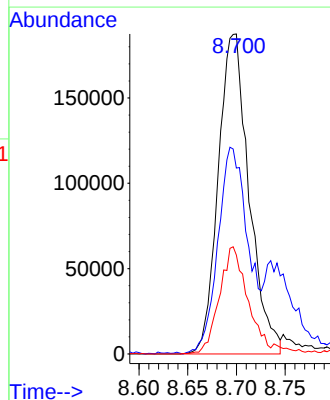
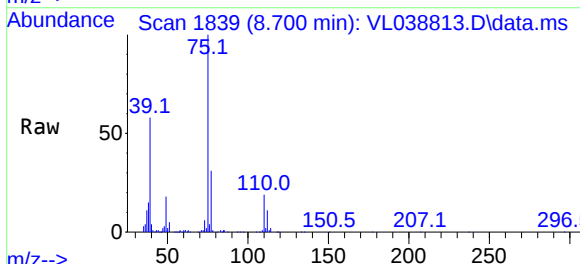
APPROVED

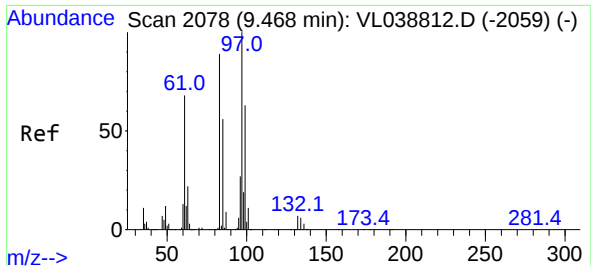
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#46
cis-1,3-Dichloropropene
Concen: 2.594 ppbv
RT: 8.700 min Scan# 1839
Delta R.T. 0.006 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 75 Resp: 411797
Ion Ratio Lower Upper
75 100
39 57.8 49.7 74.5
77 30.9 25.6 38.4





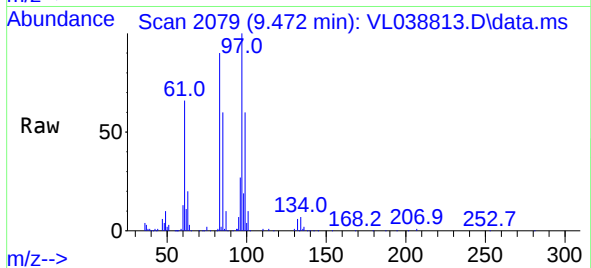
#47
1,1,2-Trichloroethane
Concen: 2.265 ppbv
RT: 9.472 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

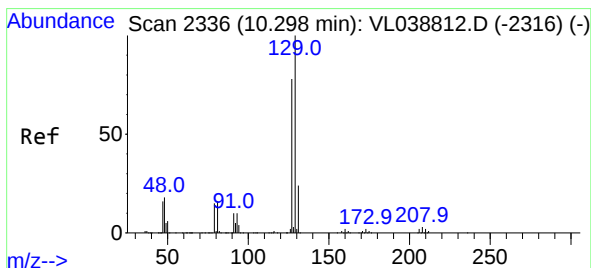
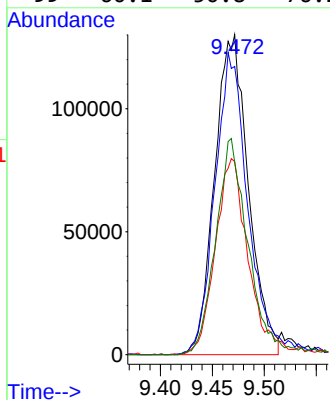
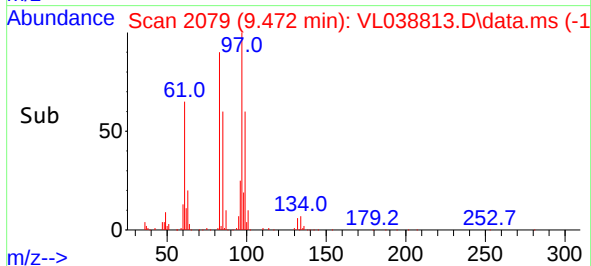


Tgt Ion: 97 Resp: 293960
Ion Ratio Lower Upper
97 100
83 89.8 71.1 106.7
85 60.4 45.1 67.7
99 60.1 50.8 76.2

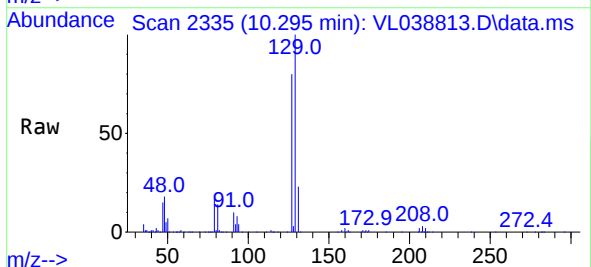
Manual Integrations

APPROVED

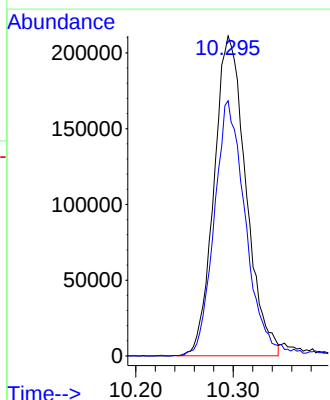
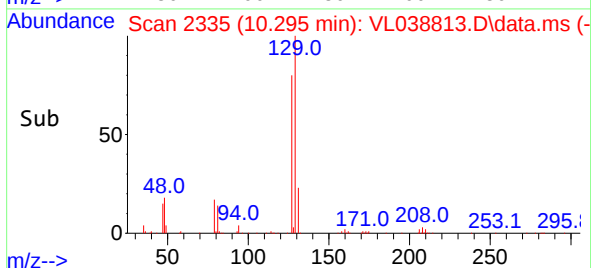
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

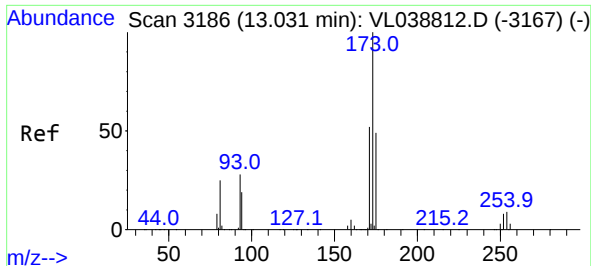


#48
Dibromochloromethane
Concen: 2.356 ppbv
RT: 10.295 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



Tgt Ion:129 Resp: 479152
Ion Ratio Lower Upper
129 100
127 80.2 38.9 116.6





#49

Bromoform

Concen: 2.346 ppbv

RT: 13.031 min Scan# 3186

Delta R.T. -0.000 min

Lab File: VL038813.D

Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

ClientSampleId :

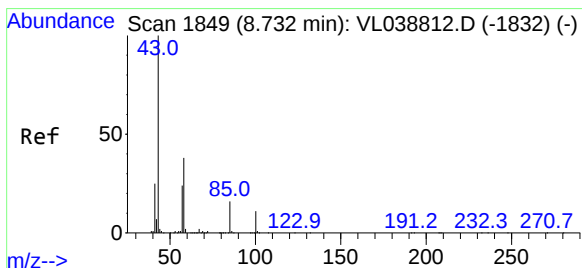
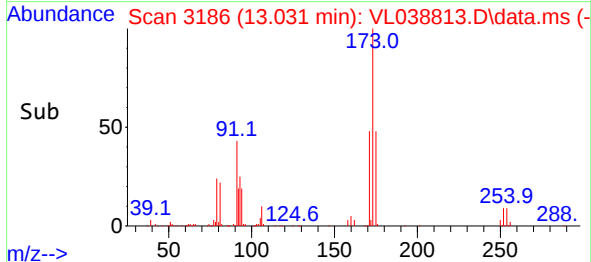
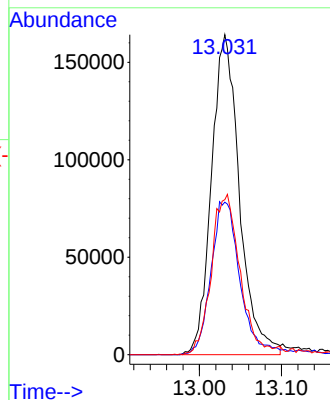
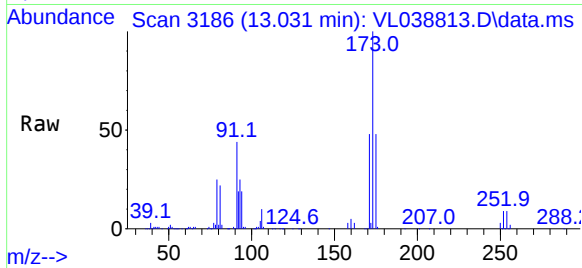
VSTDIC002

Tgt Ion:173 Resp: 388780
 Ion Ratio Lower Upper
 173 100
 175 50.9 39.9 59.9
 171 54.0 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022



#50

4-Methyl-2-Pentanone

Concen: 2.597 ppbv

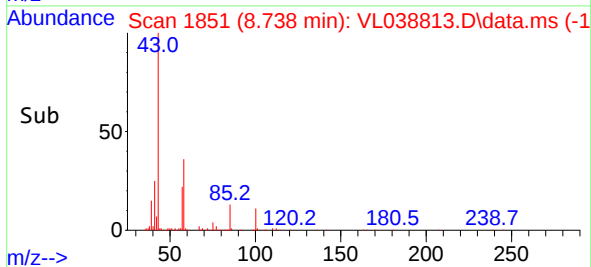
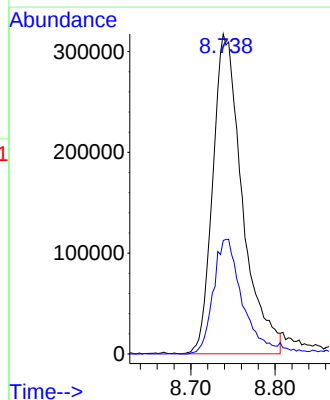
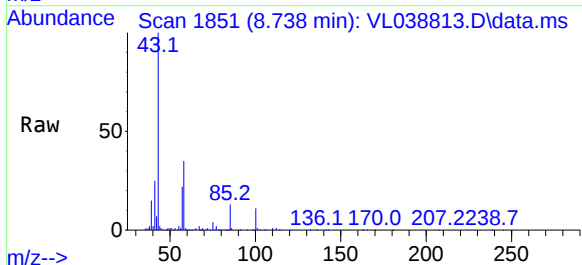
RT: 8.738 min Scan# 1851

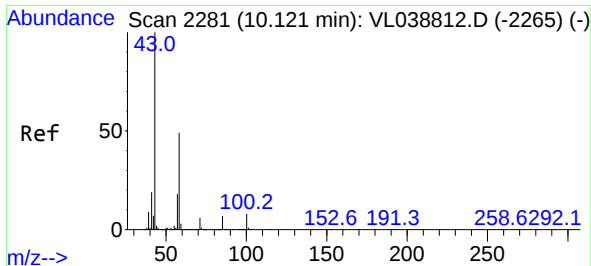
Delta R.T. 0.006 min

Lab File: VL038813.D

Acq: 5 Apr 2022 16:36

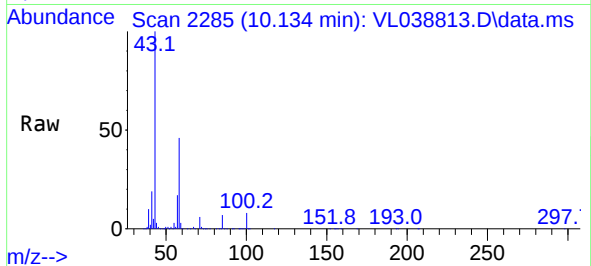
Tgt Ion: 43 Resp: 770176
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.0 43.6





#51
2-Hexanone
Concen: 2.738 ppbv
RT: 10.134 min Scan# 2114
Delta R.T. 0.013 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

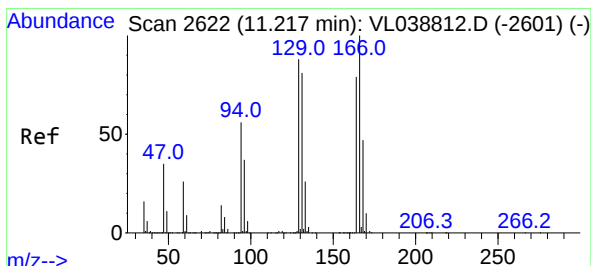
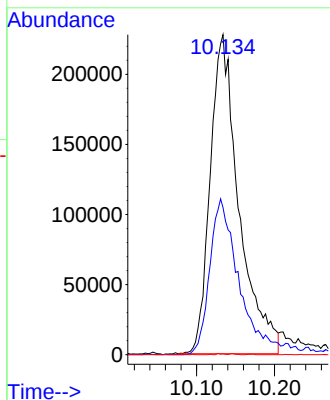
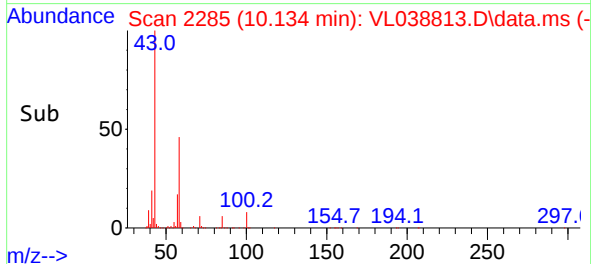
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



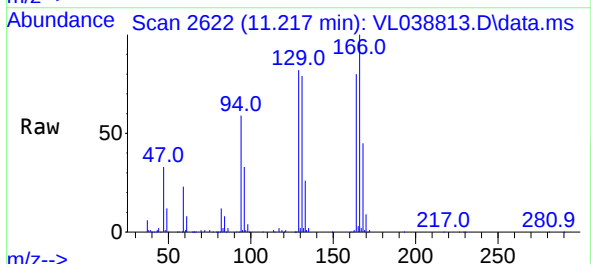
Tgt Ion: 43 Resp: 583114
Ion Ratio Lower Upper
43 100
58 52.1 41.4 62.0
98 0.2 0.1 0.1

Manual Integrations
APPROVED

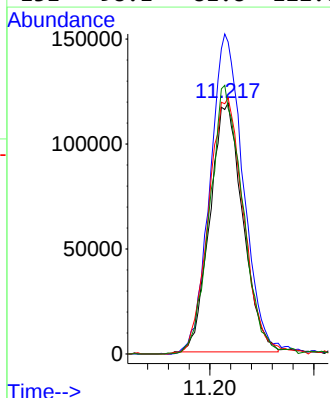
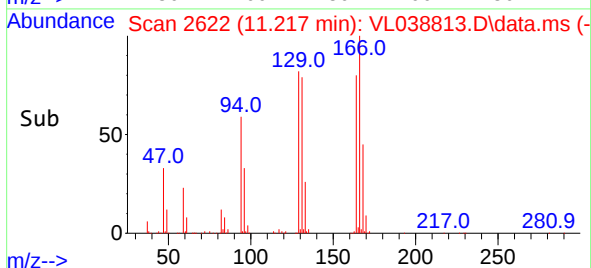
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

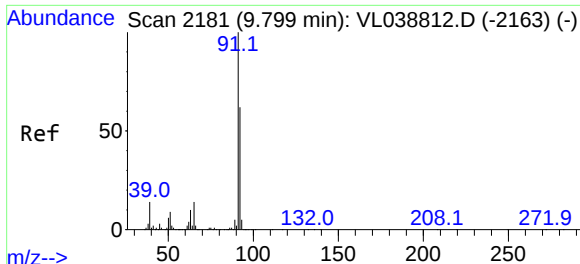


#52
Tetrachloroethene
Concen: 2.284 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



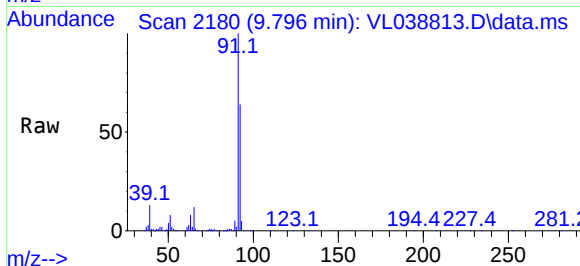
Tgt Ion:164 Resp: 259927
Ion Ratio Lower Upper
164 100
166 124.8 101.0 151.6
129 102.1 88.7 133.1
131 98.1 81.8 122.6





#53
Toluene
Concen: 2.728 ppbv
RT: 9.796 min Scan# 2181
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

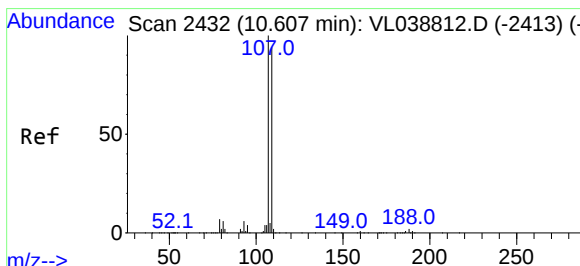
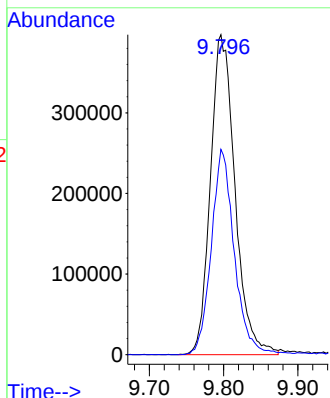
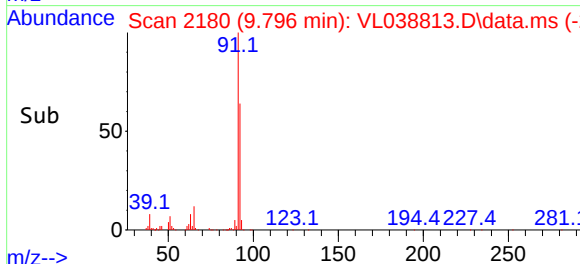
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



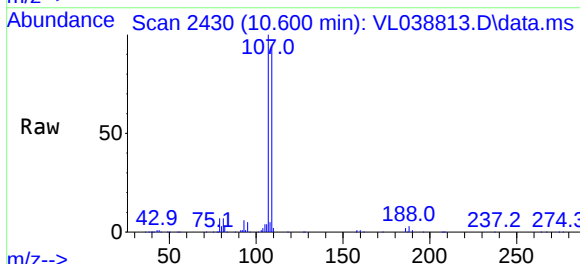
Tgt Ion: 91 Resp: 91166
Ion Ratio Lower Upper
91 100
92 60.6 49.2 73.8

Manual Integrations
APPROVED

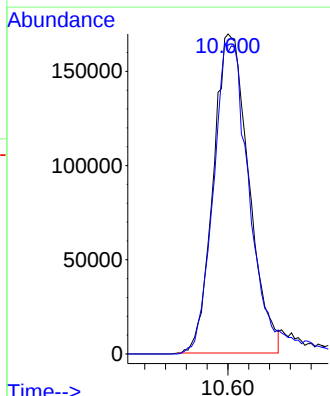
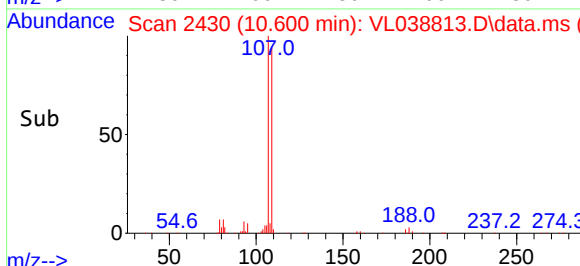
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

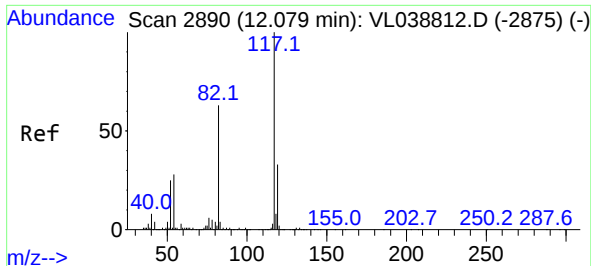


#54
1,2-Dibromoethane
Concen: 2.265 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.006 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



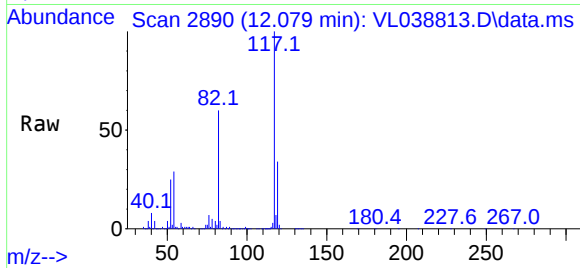
Tgt Ion:107 Resp: 401427
Ion Ratio Lower Upper
107 100
109 94.7 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

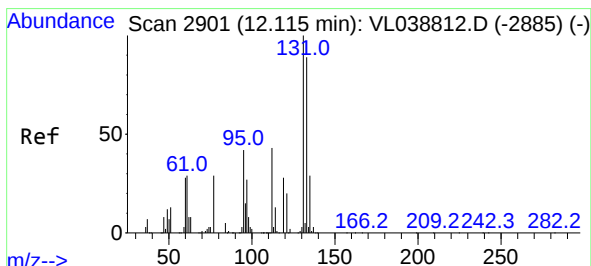
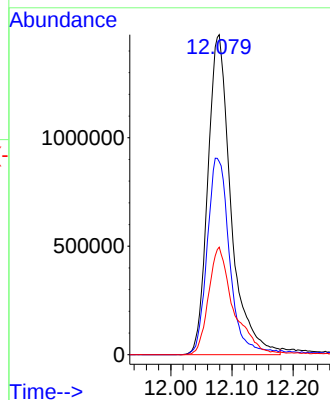
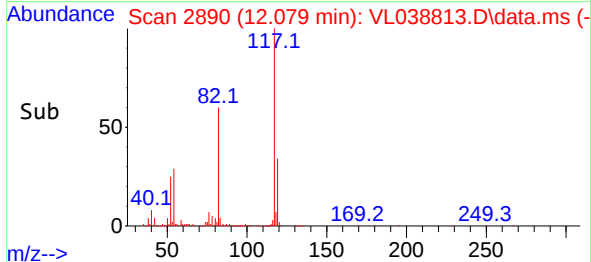
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



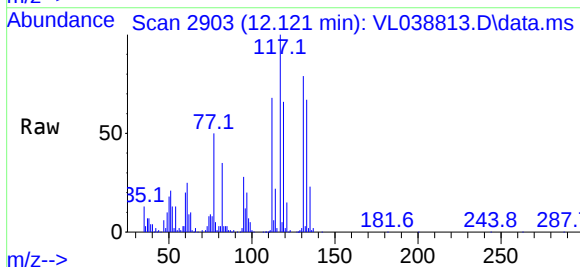
Tgt Ion:117 Resp: 3874040
Ion Ratio Lower Upper
117 100
82 61.9 53.0 79.6
119 37.2 24.9 37.3

Manual Integrations
APPROVED

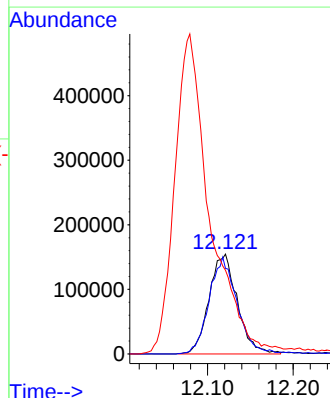
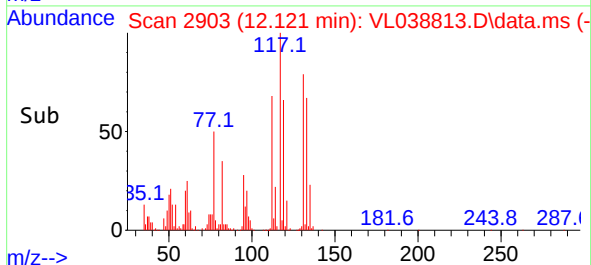
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

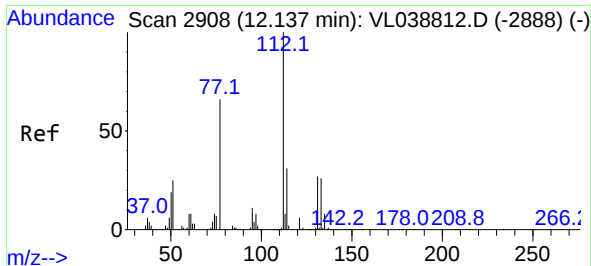


#56
1,1,1,2-Tetrachloroethane
Concen: 2.207 ppbv m
RT: 12.121 min Scan# 2903
Delta R.T. 0.006 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



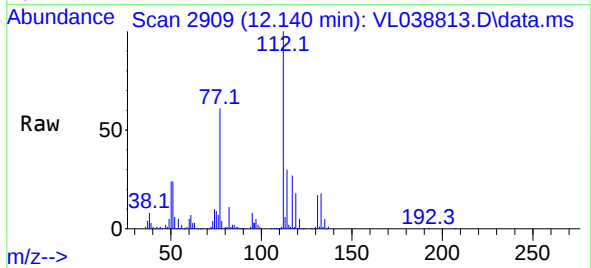
Tgt Ion:131 Resp: 354399
Ion Ratio Lower Upper
131 100
133 97.0 78.2 117.4
119 406.9 58.6 87.8#





#57
Chlorobenzene
Concen: 2.368 ppbv
RT: 12.140 min Scan# 2909
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

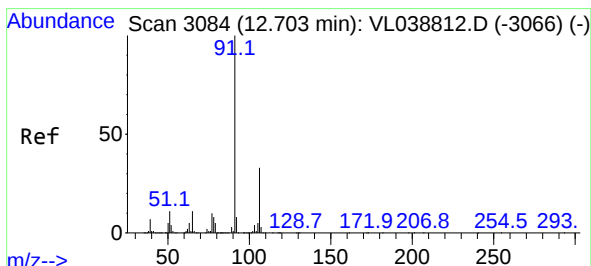
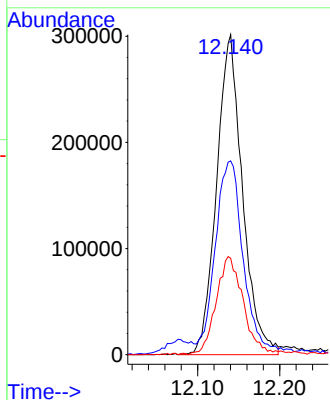
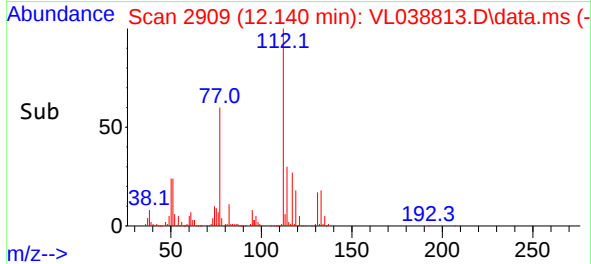
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



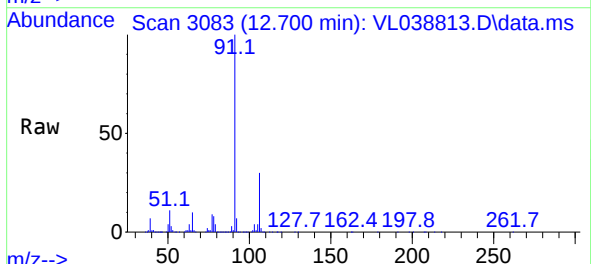
Tgt Ion:112 Resp: 66154
Ion Ratio Lower Upper
112 100
77 58.9 52.4 78.6
114 30.2 28.1 34.3

Manual Integrations
APPROVED

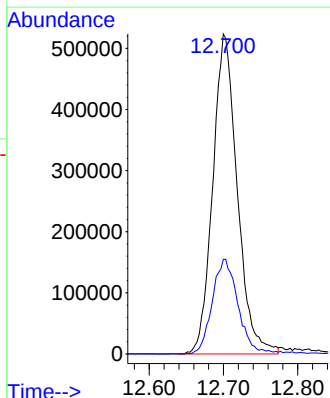
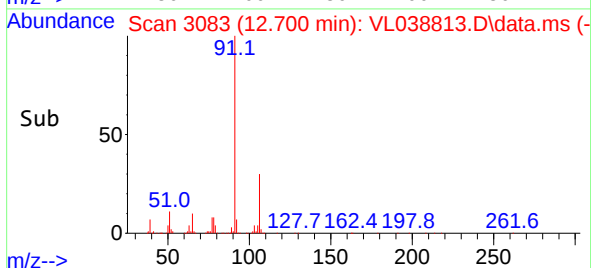
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

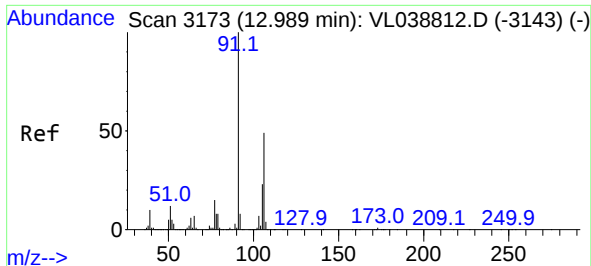


#58
Ethyl Benzene
Concen: 2.650 ppbv
RT: 12.700 min Scan# 3083
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



Tgt Ion: 91 Resp: 1200065
Ion Ratio Lower Upper
91 100
106 29.5 26.7 40.1





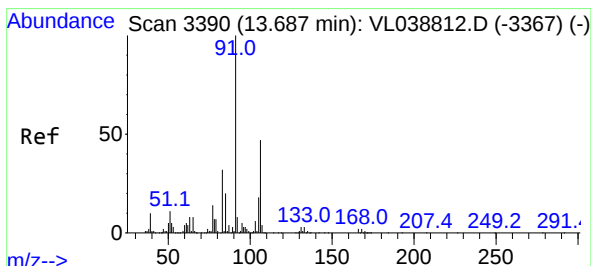
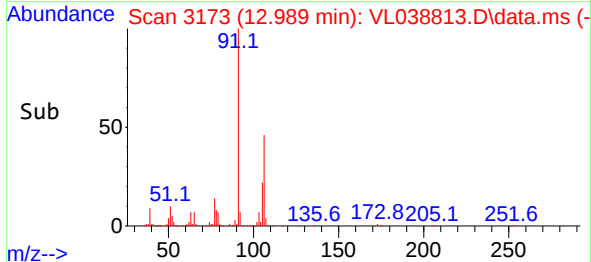
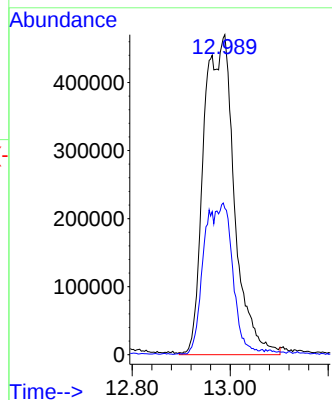
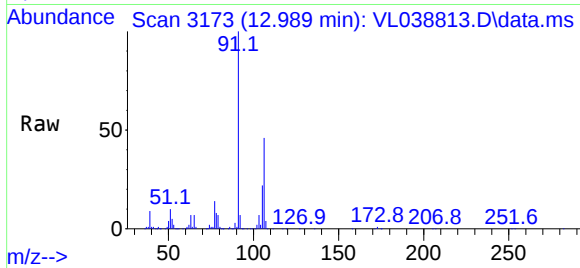
#59
m/p-Xylene
Concen: 5.109 ppbv m
RT: 12.989 min Scan# 3173
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 202403
Ion Ratio Lower Upper
91 100
106 45.3 37.1 55.7

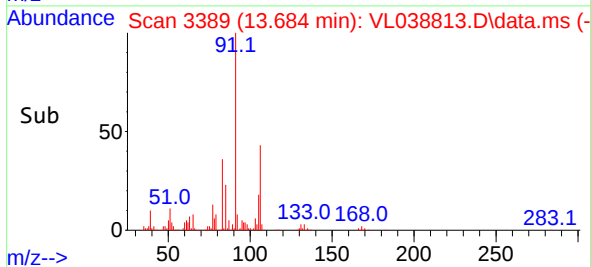
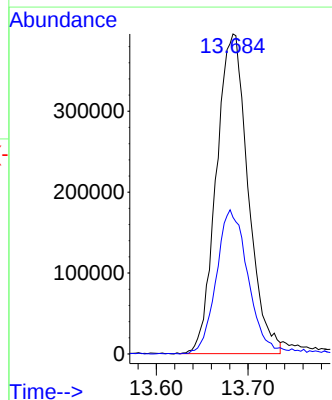
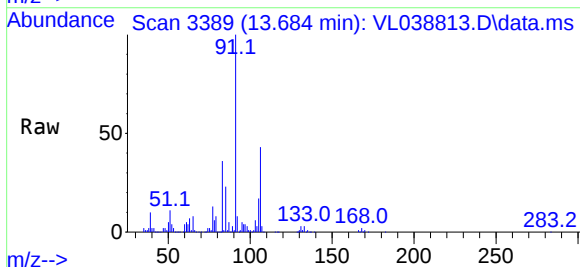
Manual Integrations
APPROVED

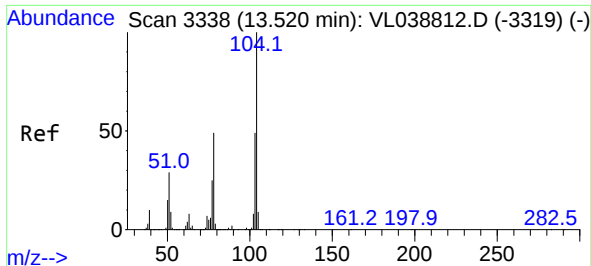
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#60
o-Xylene
Concen: 2.525 ppbv
RT: 13.684 min Scan# 3389
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

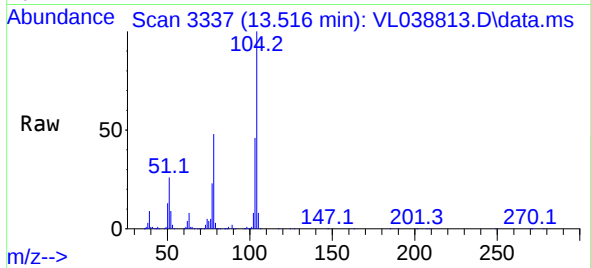
Tgt Ion: 91 Resp: 949727
Ion Ratio Lower Upper
91 100
106 46.5 23.8 71.4





#61
Styrene
Concen: 2.781 ppbv
RT: 13.516 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

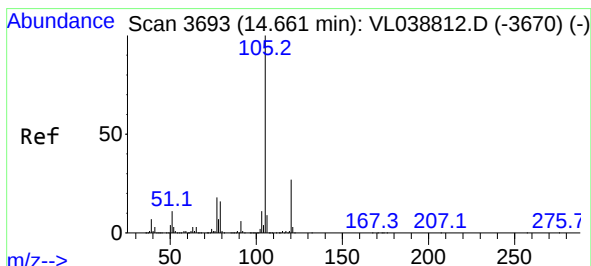
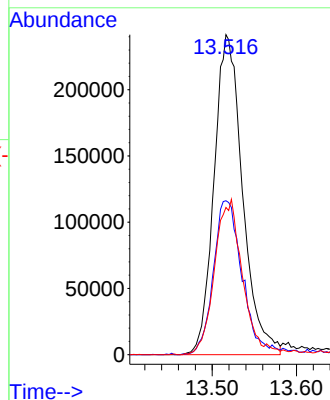
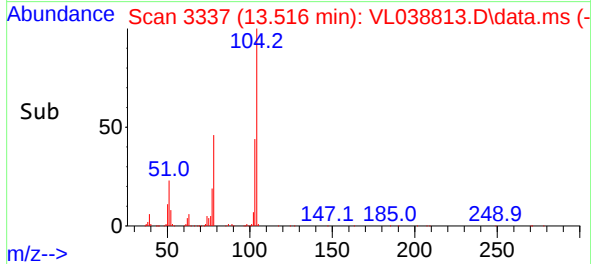
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



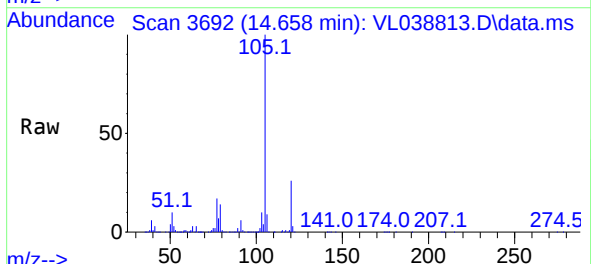
Tgt Ion:104 Resp: 567379
Ion Ratio Lower Upper
104 100
78 49.6 40.5 60.7
103 48.3 39.0 58.4

Manual Integrations
APPROVED

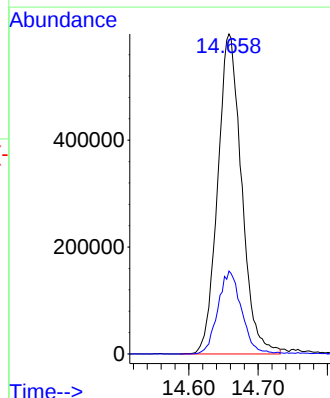
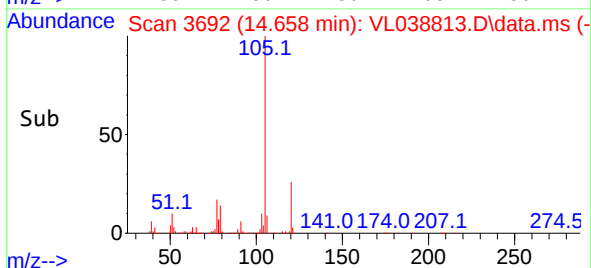
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

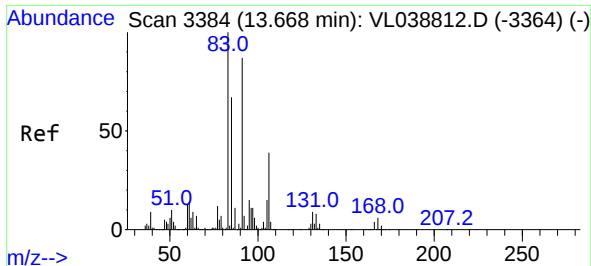


#62
Isopropylbenzene
Concen: 2.536 ppbv
RT: 14.658 min Scan# 3692
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



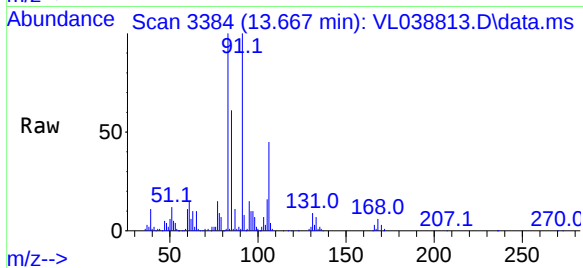
Tgt Ion:105 Resp: 1434238
Ion Ratio Lower Upper
105 100
120 25.7 21.8 32.8





#63
1,1,2,2-Tetrachloroethane
Concen: 1.995 ppbv
RT: 13.667 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

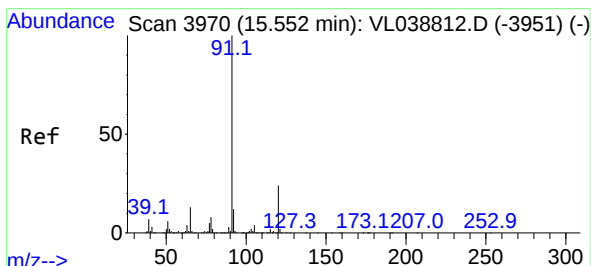
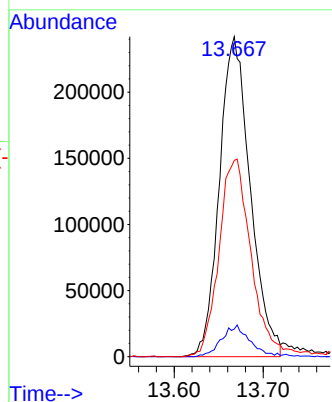
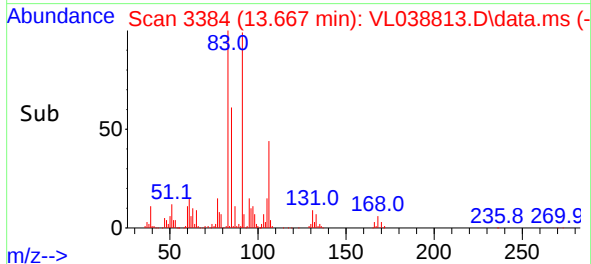
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



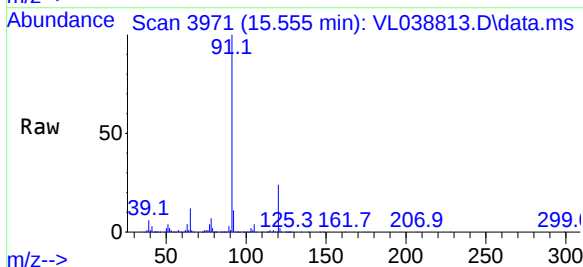
Tgt Ion: 83 Resp: 581368
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 65.8 33.0 99.0

Manual Integrations
APPROVED

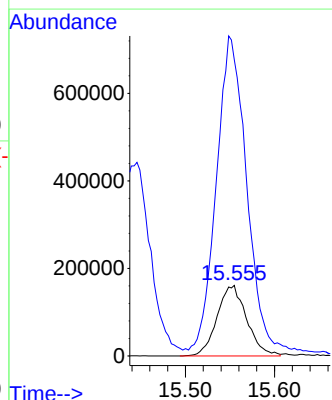
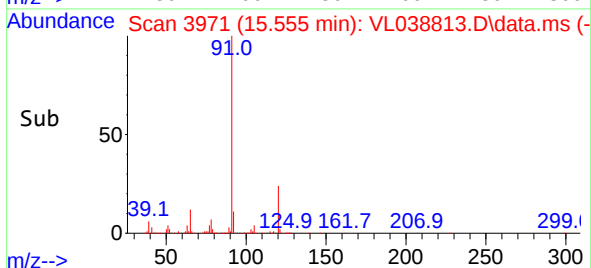
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

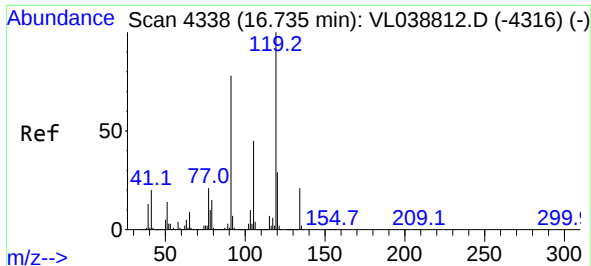


#64
n-propylbenzene
Concen: 2.505 ppbv
RT: 15.555 min Scan# 3971
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



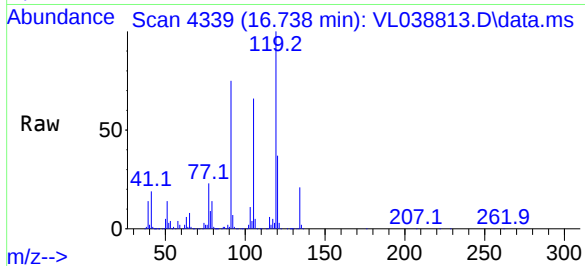
Tgt Ion:120 Resp: 371644
Ion Ratio Lower Upper
120 100
91 474.1 360.6 540.8





#65
tert-Butylbenzene
Concen: 2.484 ppbv
RT: 16.738 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

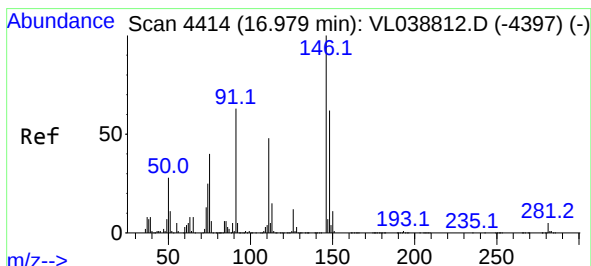
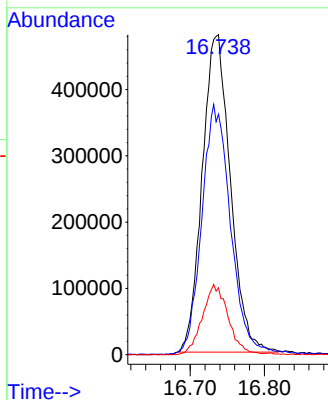
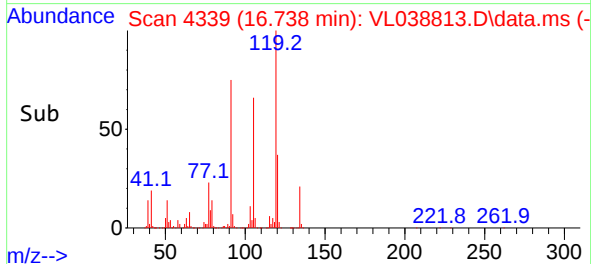
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



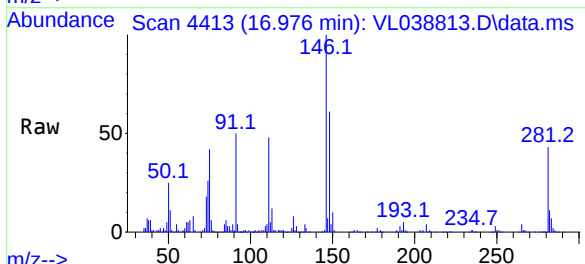
Tgt Ion: 119 Resp: 126227
Ion Ratio Lower Upper
119 100
91 81.5 62.8 94.2
134 20.5 16.2 24.4

Manual Integrations
APPROVED

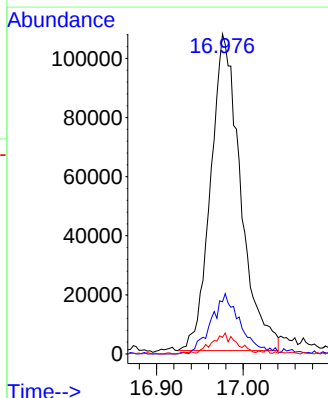
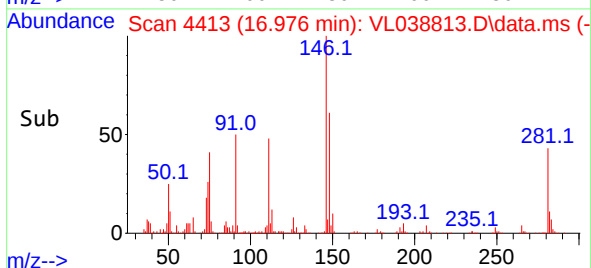
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

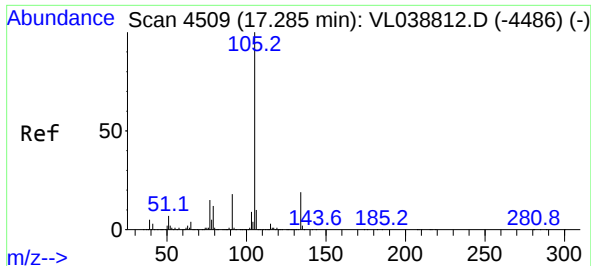


#66
Benzyl Chloride
Concen: 2.676 ppbv
RT: 16.976 min Scan# 4413
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



Tgt Ion: 91 Resp: 257422
Ion Ratio Lower Upper
91 100
126 18.3 15.4 23.0
128 6.3 4.7 7.1





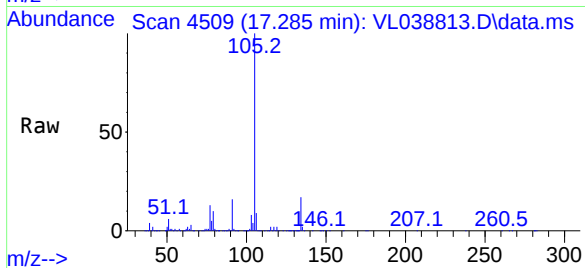
#67
 sec-Butylbenzene
 Concen: 2.503 ppbv
 RT: 17.285 min Scan# 4509
 Delta R.T. -0.000 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

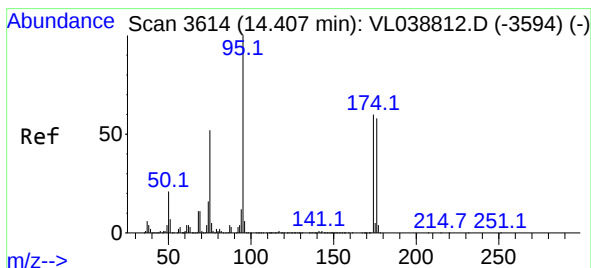
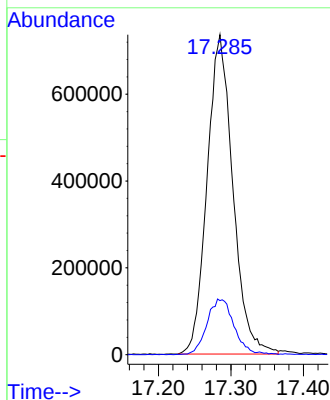
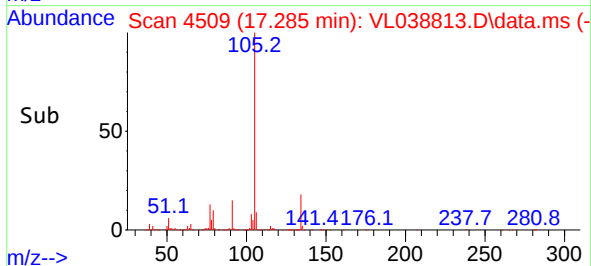


Tgt Ion: 105 Resp: 181919
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.1 22.7

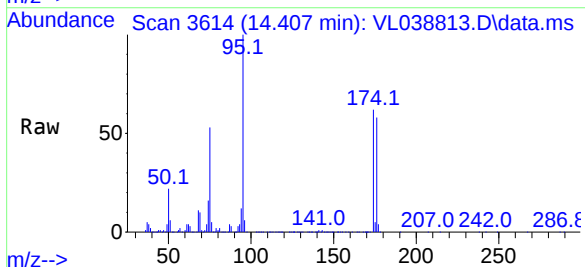
Manual Integrations

APPROVED

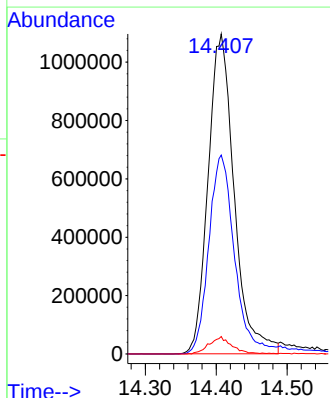
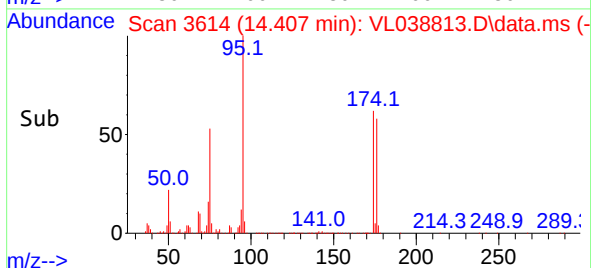
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

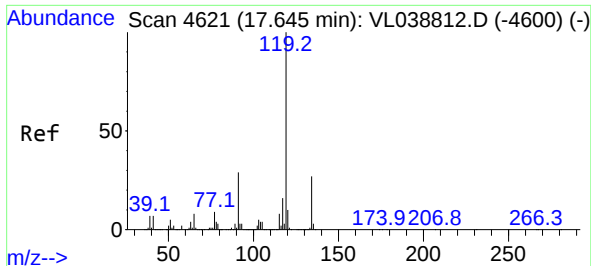


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.449 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. -0.000 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36



Tgt Ion: 95 Resp: 2806446
 Ion Ratio Lower Upper
 95 100
 174 64.4 52.0 78.0
 175 4.8 4.0 6.0





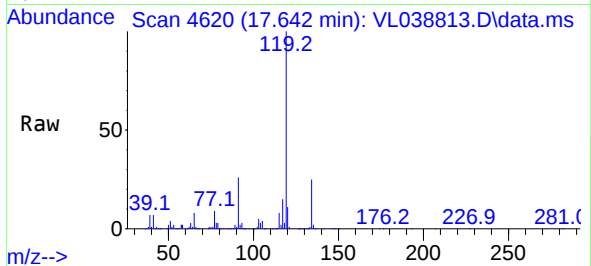
#69
p-Isopropyltoluene
Concen: 2.576 ppbv
RT: 17.642 min Scan# 4621
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

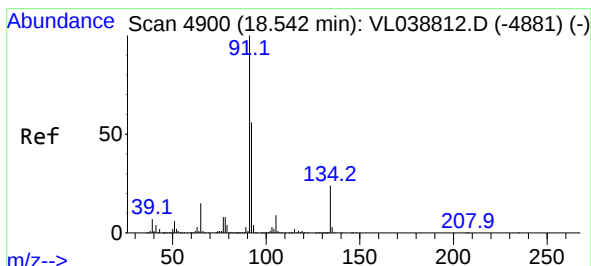
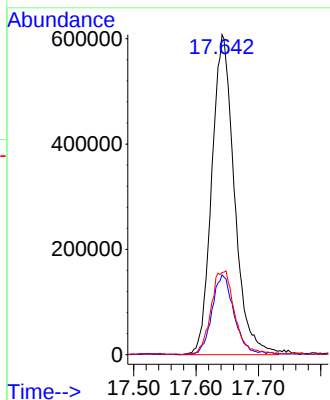
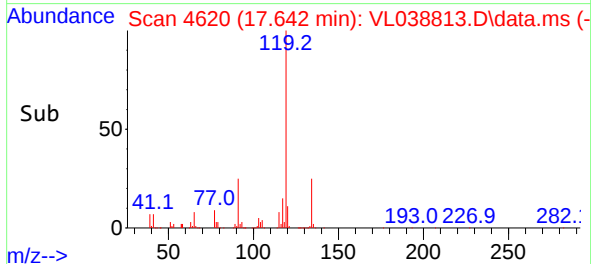


Tgt Ion:119 Resp: 152780
Ion Ratio Lower Upper
119 100
134 24.9 20.8 31.2
91 27.4 22.6 34.0

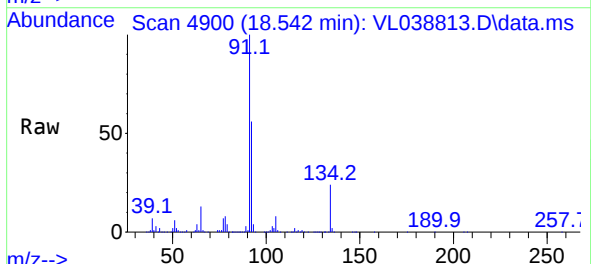
Manual Integrations

APPROVED

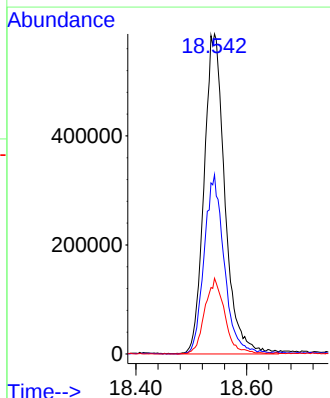
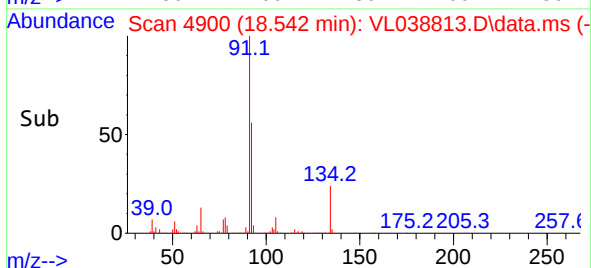
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

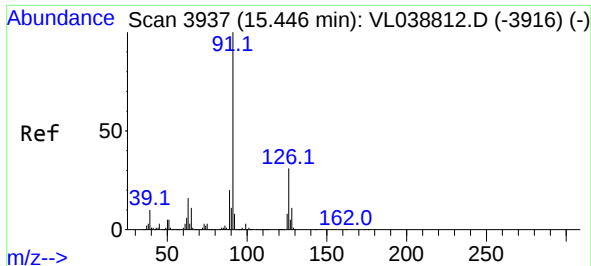


#70
n-Butylbenzene
Concen: 2.515 ppbv m
RT: 18.542 min Scan# 4900
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



Tgt Ion: 91 Resp: 1538702
Ion Ratio Lower Upper
91 100
92 54.0 44.6 66.8
134 22.8 19.2 28.8





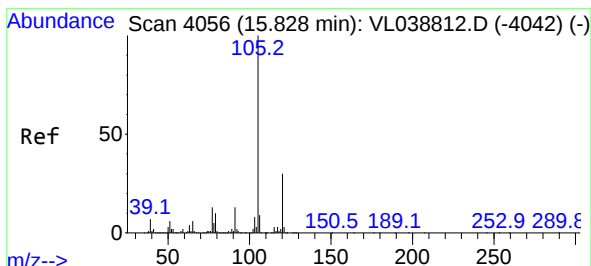
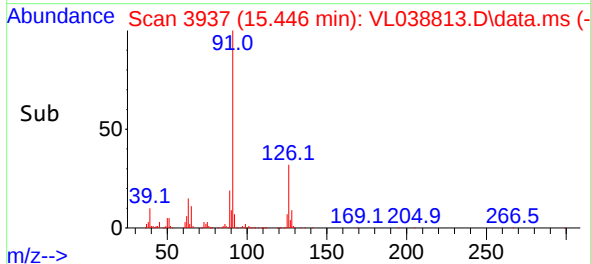
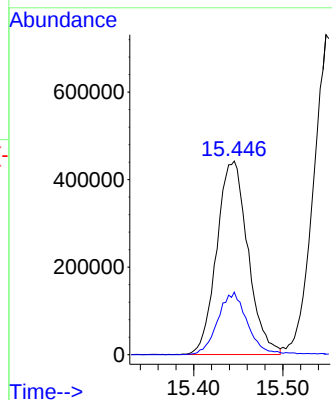
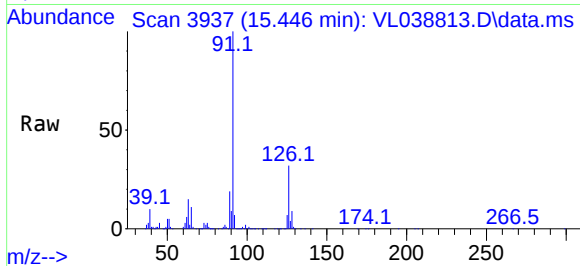
#71
2-Chlorotoluene
Concen: 2.557 ppbv
RT: 15.446 min Scan# 3937
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 91 Resp: 107330
Ion Ratio Lower Upper
91 100
126 31.5 13.0 51.8

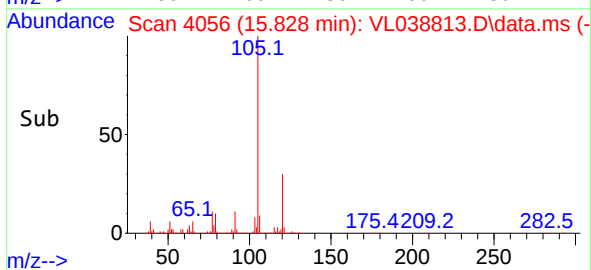
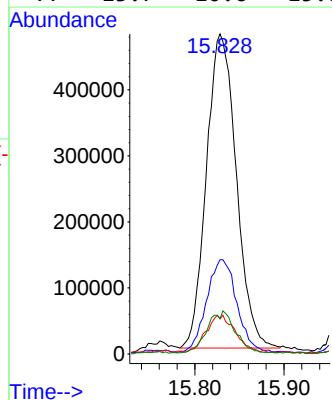
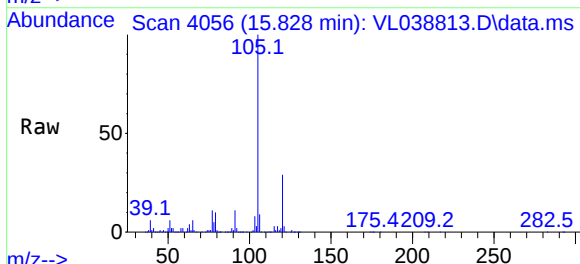
Manual Integrations
APPROVED

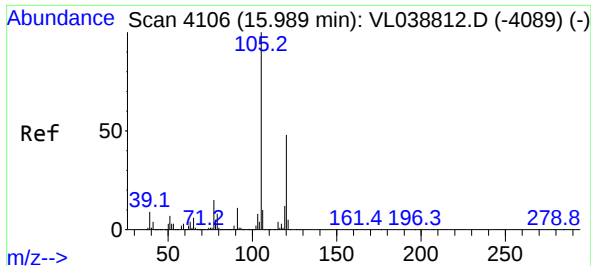
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#72
4-Ethyltoluene
Concen: 2.496 ppbv
RT: 15.828 min Scan# 4056
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

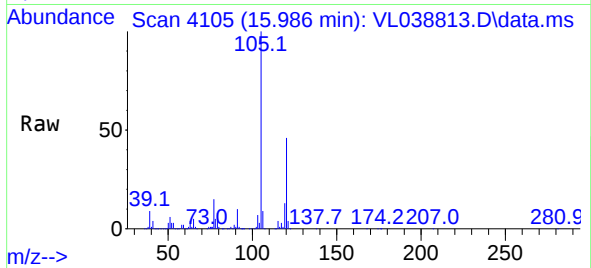
Tgt Ion:105 Resp: 1108273
Ion Ratio Lower Upper
105 100
120 31.0 24.3 36.5
91 12.1 9.4 14.2
77 13.7 10.6 15.8





#73
 1,3,5-Trimethylbenzene
 Concen: 2.538 ppbv
 RT: 15.986 min Scan# 4106
 Delta R.T. -0.003 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36

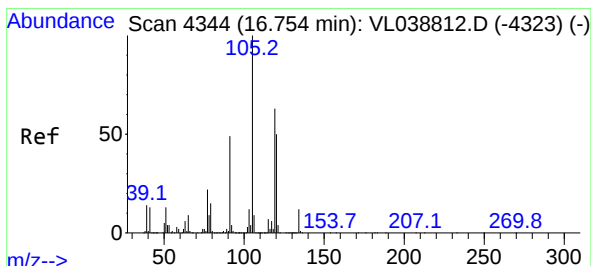
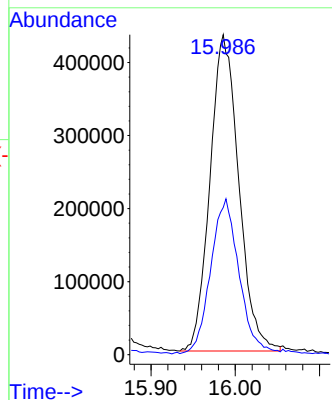
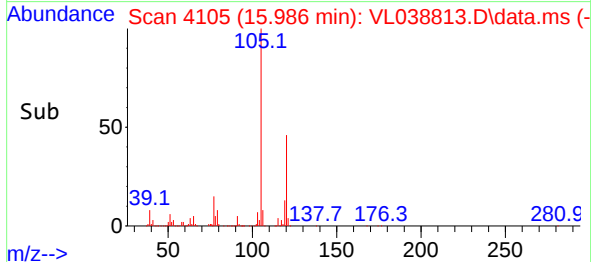
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



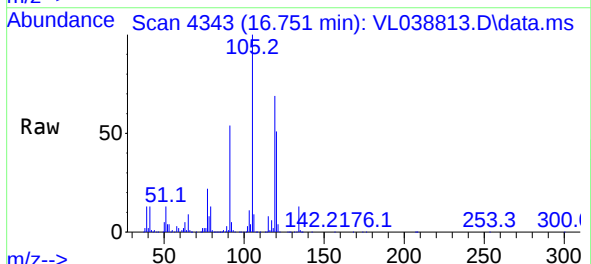
Tgt Ion:105 Resp: 102677
 Ion Ratio Lower Upper
 105 100
 120 46.2 38.7 58.1

Manual Integrations
 APPROVED

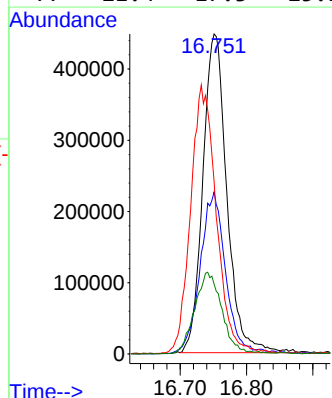
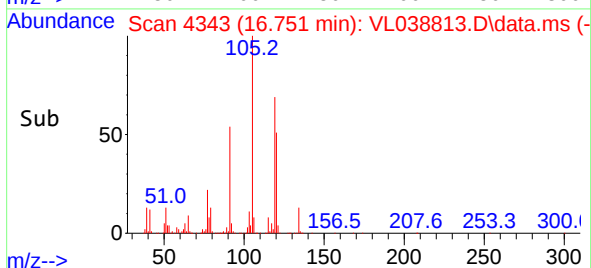
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

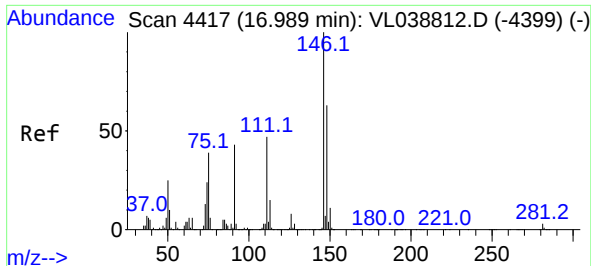


#74
 1,2,4-Trimethylbenzene
 Concen: 2.547 ppbv
 RT: 16.751 min Scan# 4343
 Delta R.T. -0.003 min
 Lab File: VL038813.D
 Acq: 5 Apr 2022 16:36



Tgt Ion:105 Resp: 1122381
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.8 59.8
 91 53.3 39.4 59.0
 77 21.4 17.3 25.9





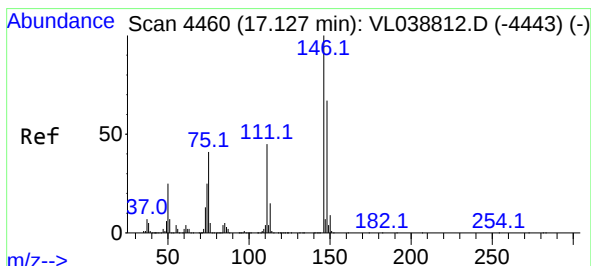
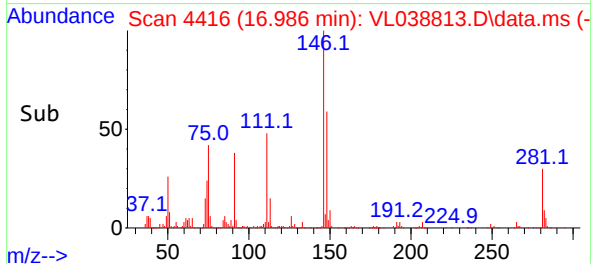
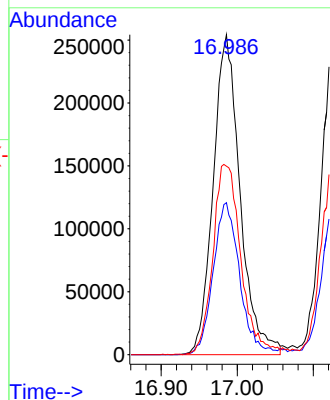
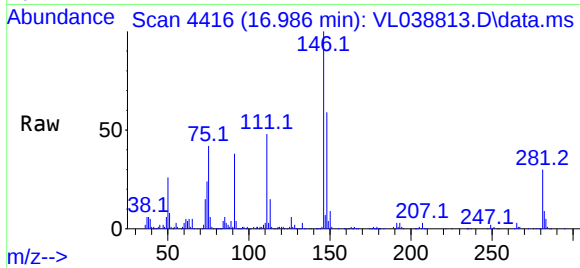
#75
1,3-Dichlorobenzene
Concen: 2.224 ppbv
RT: 16.986 min Scan# 4416
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 62428
Ion Ratio Lower Upper
146 100
111 47.4 23.8 71.2
148 62.7 31.8 95.4

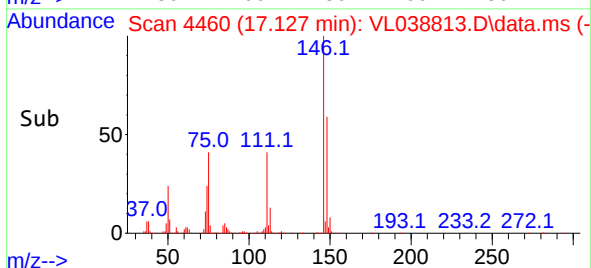
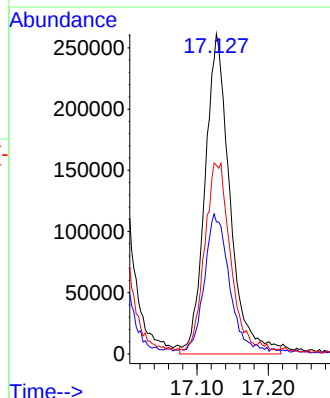
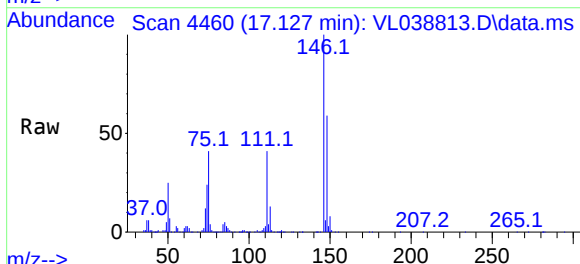
Manual Integrations
APPROVED

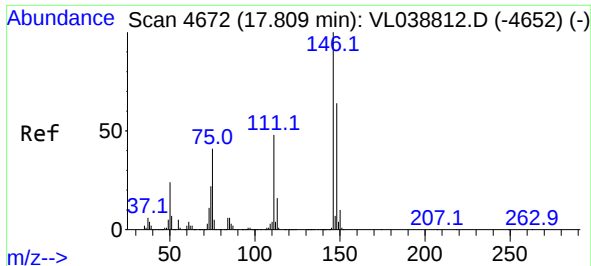
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#76
1,4-Dichlorobenzene
Concen: 2.271 ppbv m
RT: 17.127 min Scan# 4460
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:146 Resp: 633969
Ion Ratio Lower Upper
146 100
111 45.3 23.6 70.8
148 63.3 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 2.172 ppbv
RT: 17.806 min Scan# 4672
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :

MSVOA_L

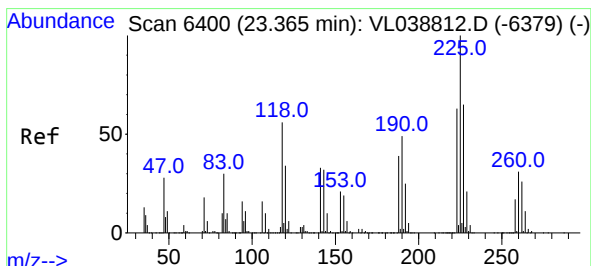
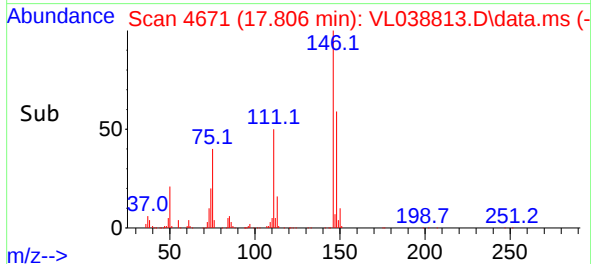
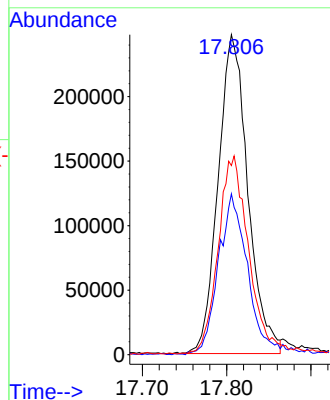
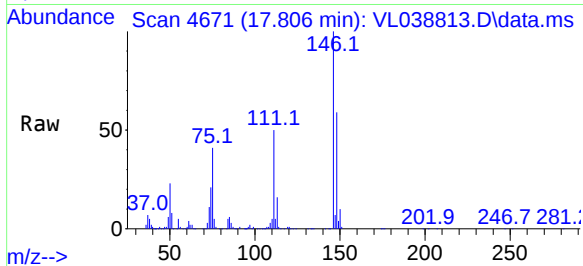
ClientSampleId :

VSTDIC002

Tgt Ion:146 Resp: 60389
Ion Ratio Lower Upper
146 100
111 51.0 24.8 74.3
148 65.4 31.9 95.7

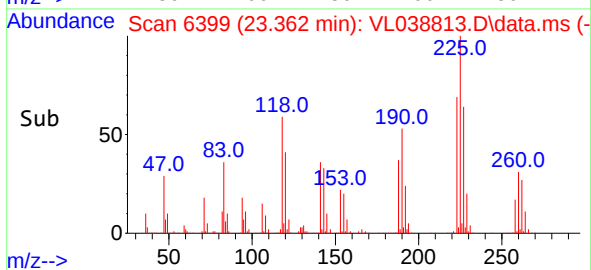
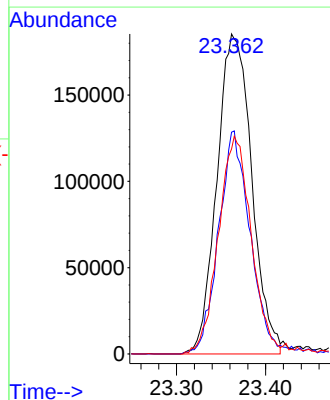
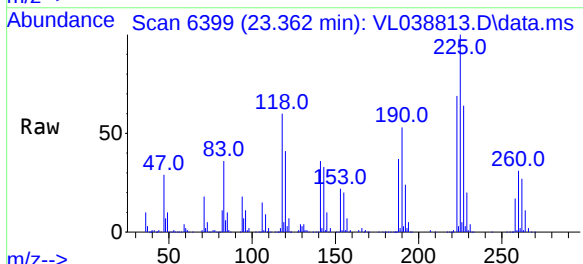
Manual Integrations
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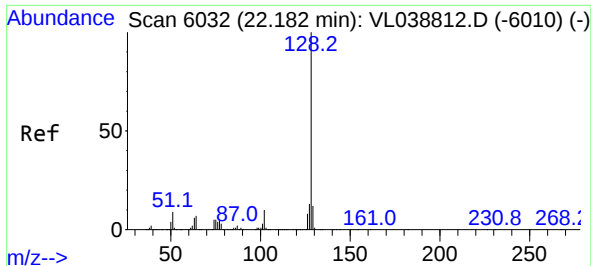
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#78
Hexachloro-1,3-Butadiene
Concen: 1.952 ppbv
RT: 23.362 min Scan# 6399
Delta R.T. -0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

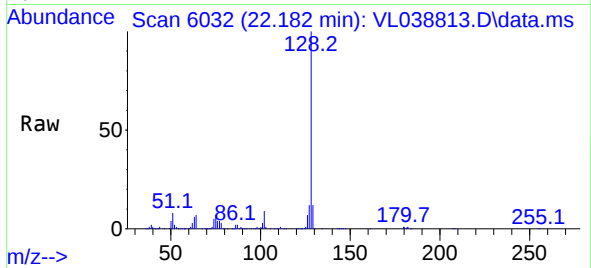
Tgt Ion:225 Resp: 501708
Ion Ratio Lower Upper
225 100
223 65.2 51.6 77.4
227 66.5 52.3 78.5





#79
Naphthalene
Concen: 2.552 ppbv
RT: 22.182 min Scan# 6032
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

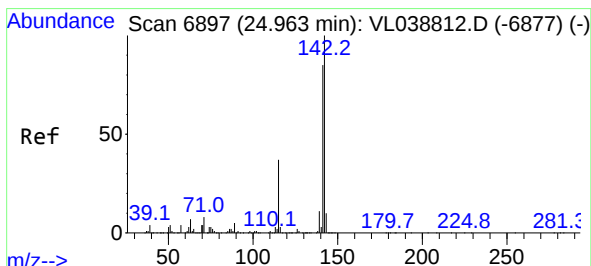
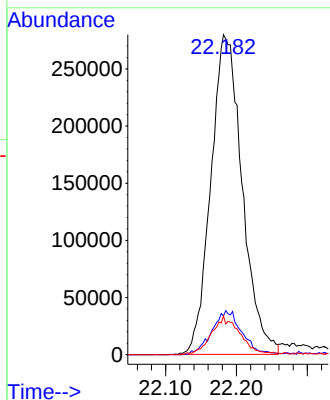
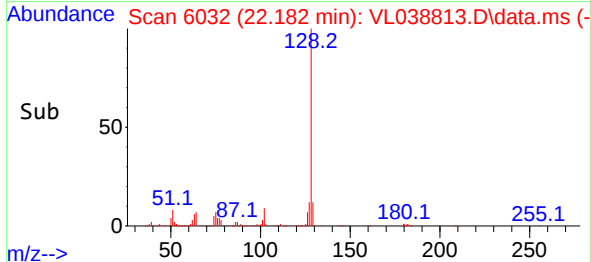
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



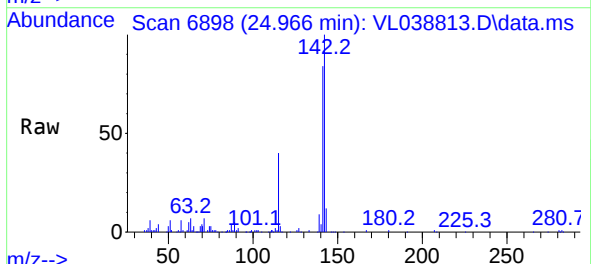
Tgt Ion:128 Resp: 859144
Ion Ratio Lower Upper
128 100
127 12.1 10.6 15.8
129 12.1 9.4 14.0

Manual Integrations
APPROVED

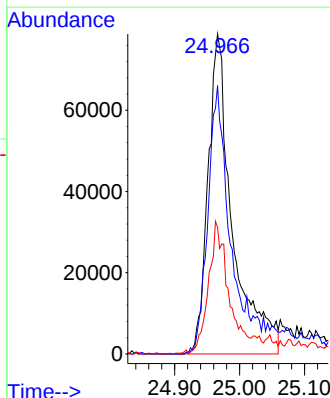
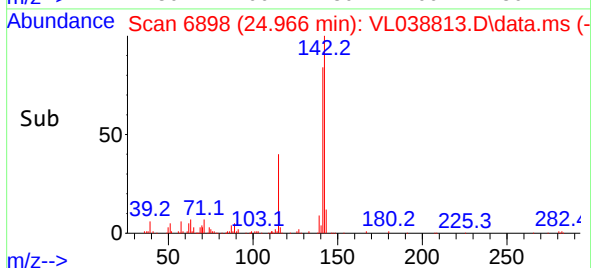
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

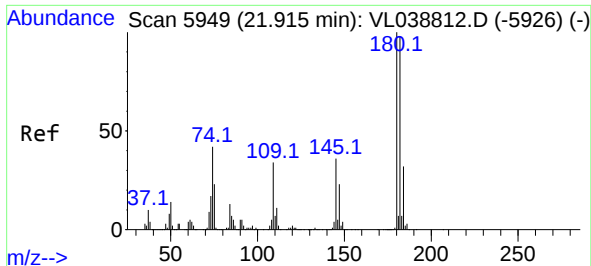


#80
Naphthalene,2-methyl-
Concen: 2.292 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. 0.003 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36



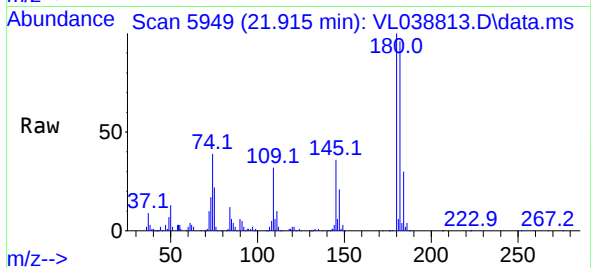
Tgt Ion:142 Resp: 206976
Ion Ratio Lower Upper
142 100
141 94.4 68.8 103.2
115 38.7 31.6 47.4





#81
1,2,4-Trichlorobenzene
Concen: 2.055 ppbv
RT: 21.915 min Scan# 5949
Delta R.T. -0.000 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:180 Resp: 47368
Ion Ratio Lower Upper
180 100
182 97.1 79.4 119.0
184 30.7 25.0 37.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

