

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039866.D
 Acq On : 10 Nov 2022 15:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 04:54:09 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1100325	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2551313	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2543058	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 1974186 10.372 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	1382523	7.442	ppbv	99
3) Chlorodifluoromethane	2.690	51	1220011	9.300	ppbv	95
4) Chloromethane	2.829	50	708253	8.672	ppbv	100
5) Vinyl Chloride	2.935	62	614782	9.297	ppbv	99
6) Bromomethane	3.131	94	201715	8.551	ppbv	99
7) Chloroethane	3.211	64	204331	8.246	ppbv	98
8) Dichlorotetrafluoroethane	2.874	85	1440316	9.098	ppbv	92
9) Propene	2.710	41	538997	7.886	ppbv	98
10) Heptane	7.568	43	1371756	8.378	ppbv	100
11) Trichlorofluoromethane	3.575	101	1517965	10.019	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.073	101	1050432	9.600	ppbv	97
13) Ethanol	3.259	45	31457m	6.512	ppbv	
14) Bromoethene	3.378	108	456589	9.319	ppbv	99
15) Acetone	3.478	43	949425	7.089	ppbv	97
16) 1,3-Butadiene	2.999	39	537514	8.630	ppbv	98
17) tert-Butyl alcohol	3.883	59	987959	7.746	ppbv	99
18) 1,1-Dichloroethene	3.890	96	460421	9.177	ppbv	92
19) Isopropyl Alcohol	3.584	45	531489	8.018	ppbv #	33
20) Methylene Chloride	3.941	84	402539	8.401	ppbv	90
21) Allyl Chloride	4.005	41	687630	8.117	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	510990	10.035	ppbv	91
23) Vinyl Acetate	4.629	43	387034	7.254	ppbv #	96
24) 1,1-Dichloroethane	4.568	63	966258	8.866	ppbv	98
25) Ethyl Acetate	5.208	43	2353396	8.531	ppbv	99
26) Hexane	5.214	57	1013141	8.237	ppbv	99
27) Carbon Disulfide	4.128	76	1179334	9.130	ppbv	98
28) Methyl tert-Butyl Ether	4.591	73	922429	8.285	ppbv	97
29) Chloroform	5.272	83	1637368	9.467	ppbv	98
30) Cyclohexane	6.594	84	807438	7.850	ppbv	94
31) cis-1,2-Dichloroethene	5.079	61	1043663	9.305	ppbv	95
32) 1,1,1-Trichloroethane	5.999	97	1630962	9.472	ppbv	96
34) 2-Butanone	4.790	43	1076390	10.227	ppbv	99
35) Carbon Tetrachloride	6.488	117	1613868	10.852	ppbv	98
36) Benzene	6.365	78	2079104	9.661	ppbv	96
37) 1,2-Dichloroethane	5.803	62	1329023m	12.871	ppbv	
38) Trichloroethene	7.282	130	1107598	9.615	ppbv	93
39) 1,2-Dichloropropane	7.063	63	859701	10.253	ppbv	94
40) 1,4-Dioxane	7.279	88	291490	9.078	ppbv #	1
41) Tetrahydrofuran	5.555	42	852549	9.692	ppbv	98
42) Bromodichloromethane	7.240	83	1833632	11.118	ppbv	99
43) Methyl Methacrylate	7.468	69	850253	9.997	ppbv	91
44) 2,2,4-Trimethylpentane	7.317	57	3577921	9.849	ppbv	97
45) t-1,3-Dichloropropene	8.697	75	838222	10.288	ppbv	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

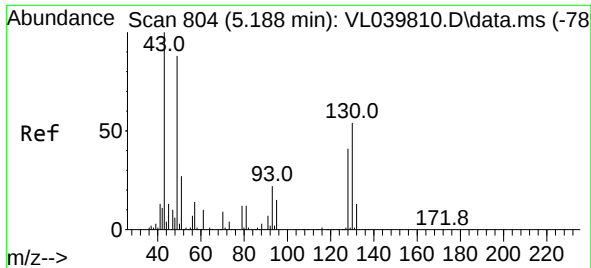
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1120737	10.078	ppbv	95
47) 1,1,2-Trichloroethane	8.886	97	830562	9.782	ppbv	93
48) Dibromochloromethane	9.696	129	1427627	9.868	ppbv	100
49) Bromoform	12.394	173	1140319	9.806	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	2226396	10.332	ppbv	99
51) 2-Hexanone	9.542	43	1796444	10.692	ppbv #	98
52) Tetrachloroethene	10.603	164	671541	8.329	ppbv	93
53) Toluene	9.211	91	2298962	9.311	ppbv	100
54) 1,2-Dibromoethane	9.995	107	983125	10.433	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.494	131	980006	9.014	ppbv	98
57) Chlorobenzene	11.516	112	1658760	8.599	ppbv	88
58) Ethyl Benzene	12.076	91	3141455	9.136	ppbv	95
59) m/p-Xylene	12.362	91	5300422m	18.467	ppbv	
60) o-Xylene	13.047	91	2540870	9.344	ppbv	95
61) Styrene	12.886	104	1482859	8.862	ppbv	95
62) Isopropylbenzene	14.018	105	3574056	9.010	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.031	83	924320	9.128	ppbv	98
64) n-propylbenzene	14.905	120	899592	8.478	ppbv	78
65) tert-Butylbenzene	16.076	119	3065398	8.801	ppbv	91
66) Benzyl Chloride	16.314	91	174975m	4.321	ppbv	
67) sec-Butylbenzene	16.622	105	4427861	9.339	ppbv	97
69) p-Isopropyltoluene	16.982	119	3483558	8.858	ppbv	95
70) n-Butylbenzene	17.876	91	3786957	9.961	ppbv	97
71) 2-Chlorotoluene	14.786	91	2844131	9.542	ppbv	95
72) 4-Ethyltoluene	15.182	105	2832132	9.249	ppbv	96
73) 1,3,5-Trimethylbenzene	15.336	105	2566093	9.453	ppbv	90
74) 1,2,4-Trimethylbenzene	16.095	105	2704593	9.378	ppbv	94
75) 1,3-Dichlorobenzene	16.314	146	1501690	8.918	ppbv	97
76) 1,4-Dichlorobenzene	16.458	146	1445223	8.746	ppbv	98
77) 1,2-Dichlorobenzene	17.130	146	1467934	9.247	ppbv	98
78) Hexachloro-1,3-Butadiene	22.619	225	886879	7.540	ppbv	99
79) Naphthalene	21.365	128	1840915	8.780	ppbv	100
80) Naphthalene,2-methyl-	24.368	142	669380	7.530	ppbv #	96
81) 1,2,4-Trichlorobenzene	21.127	180	1009968	8.611	ppbv	100

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



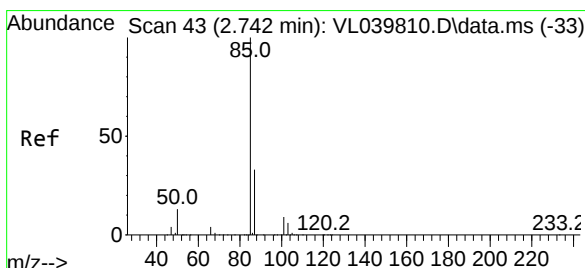
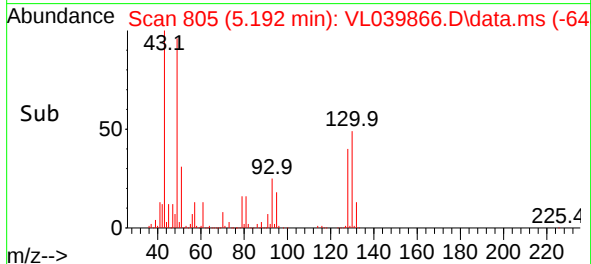
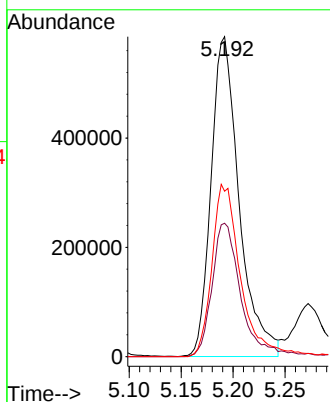
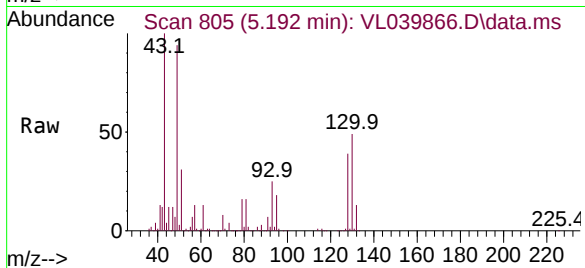
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1100325
Ion Ratio Lower Upper
49 100
128 43.1 24.6 73.6
130 56.2 31.1 93.2

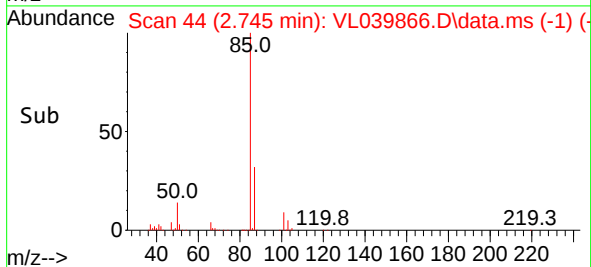
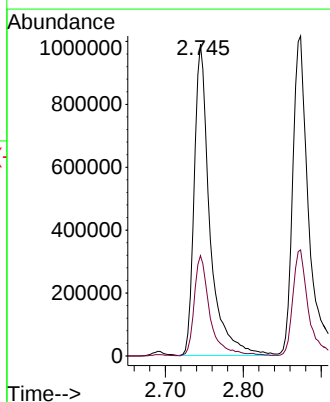
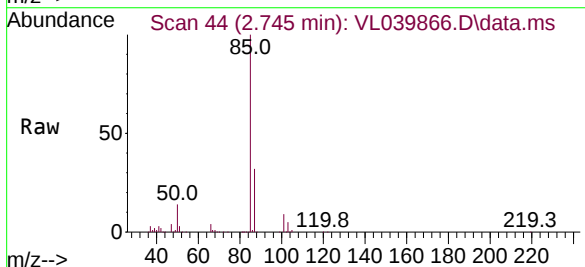
Manual Integrations
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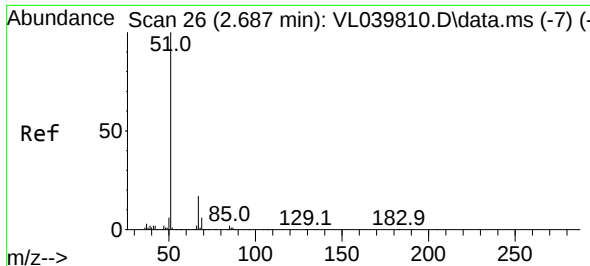
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 7.442 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 85 Resp: 1382523
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6





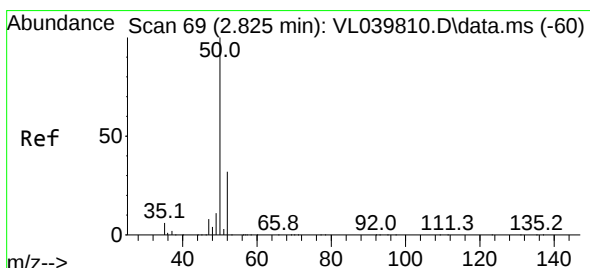
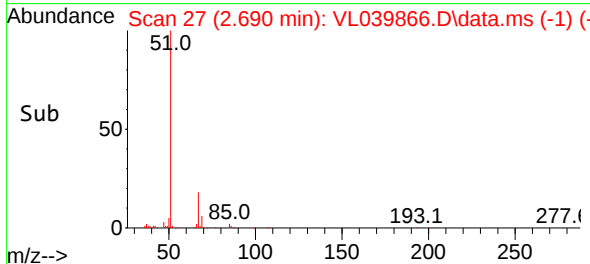
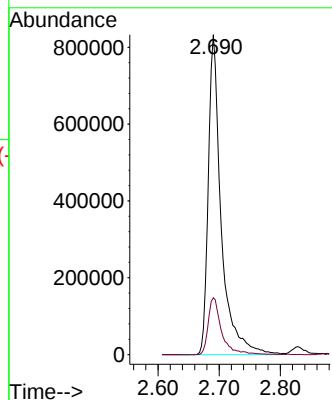
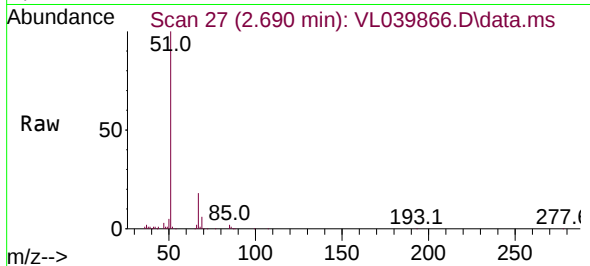
#3
Chlorodifluoromethane
Concen: 9.300 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 122001
Ion Ratio Lower Upper
51 100
67 18.6 13.2 19.8

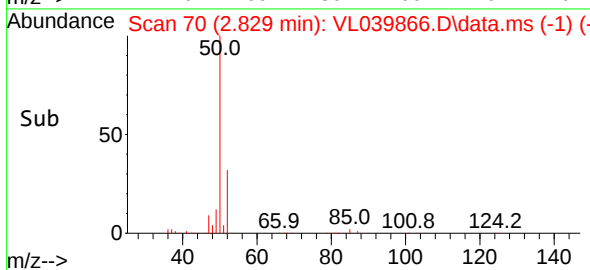
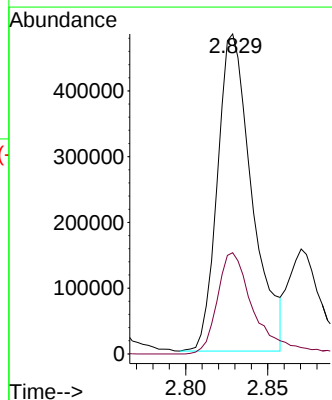
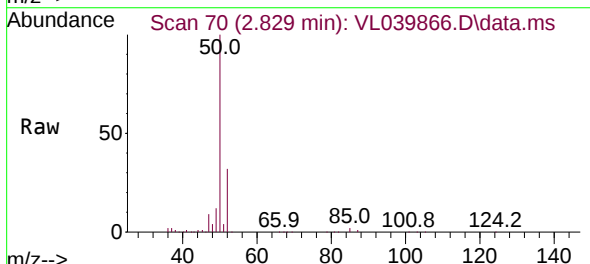
Manual Integrations
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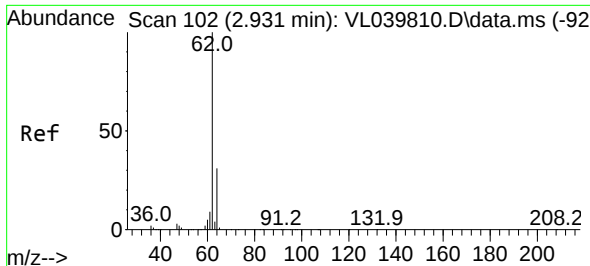
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#4
Chloromethane
Concen: 8.672 ppbv
RT: 2.829 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

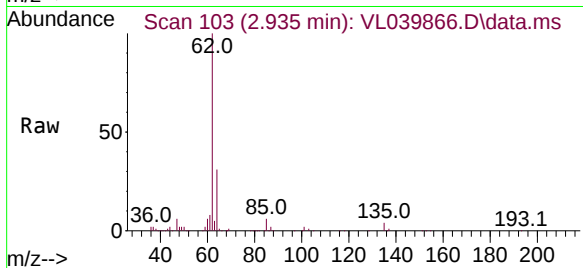
Tgt Ion: 50 Resp: 708253
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.297 ppbv
 RT: 2.935 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

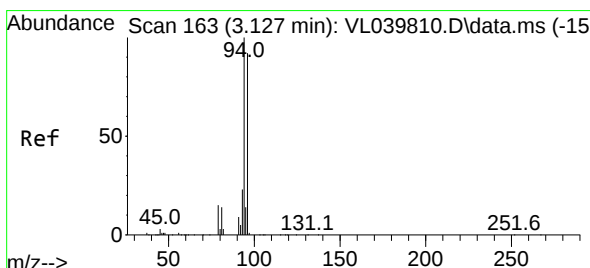
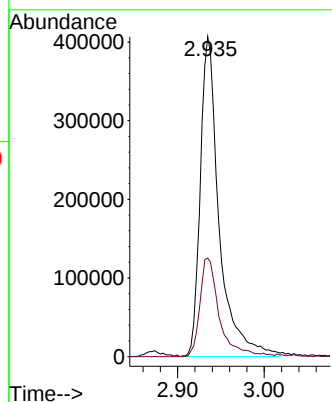
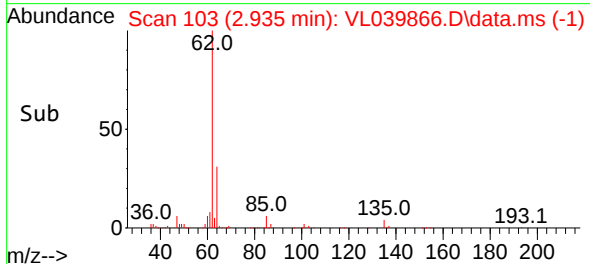
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 614782
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.0 37.4

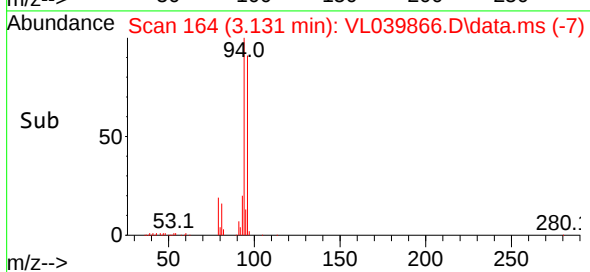
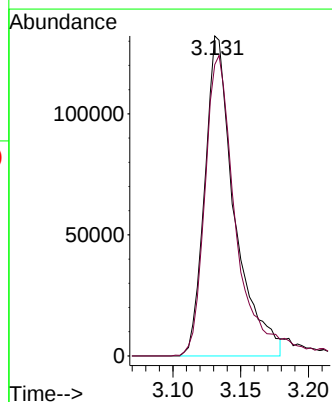
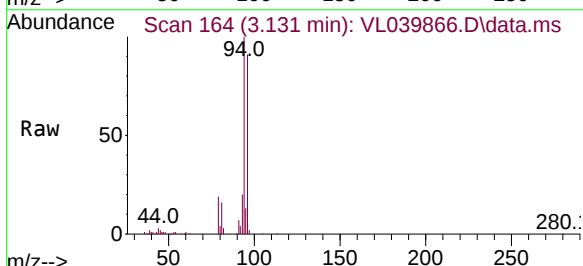
Manual Integrations
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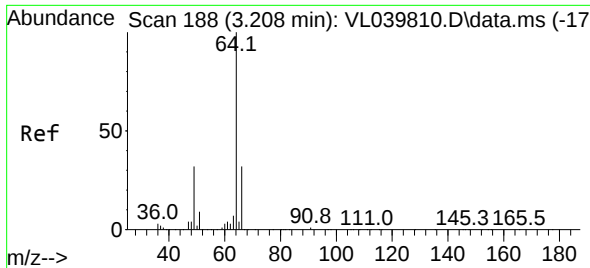
Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#6
 Bromomethane
 Concen: 8.551 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

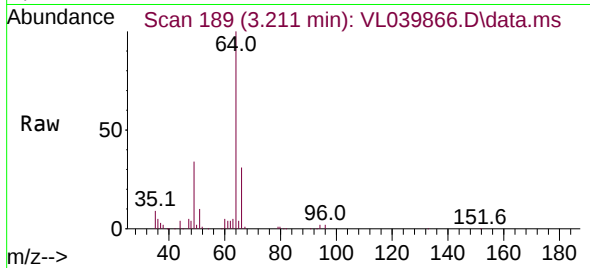
Tgt Ion: 94 Resp: 201715
 Ion Ratio Lower Upper
 94 100
 96 90.9 73.5 110.3





#7
Chloroethane
Concen: 8.246 ppbv
RT: 3.211 min Scan# 18
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

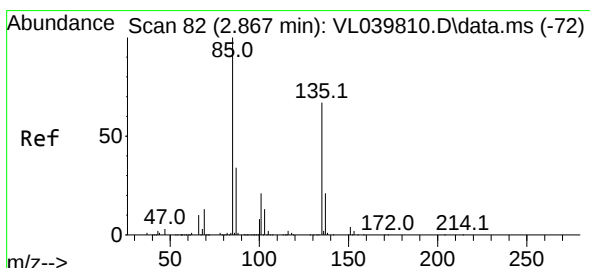
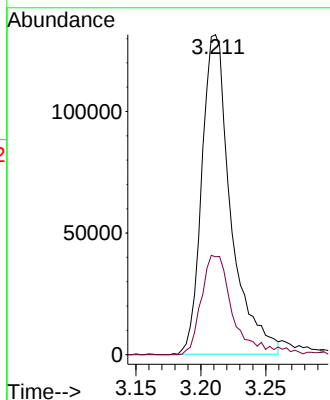
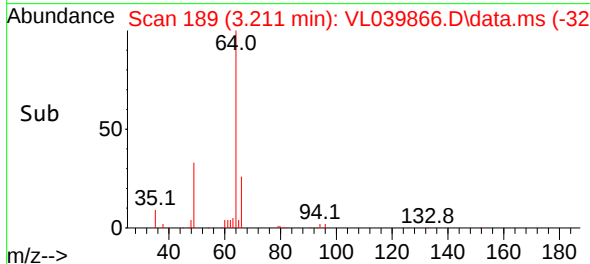
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



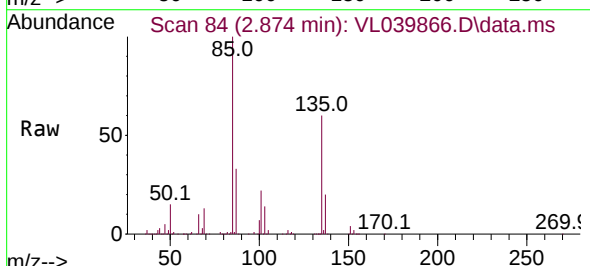
Tgt Ion: 64 Resp: 20433
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3

Manual Integrations
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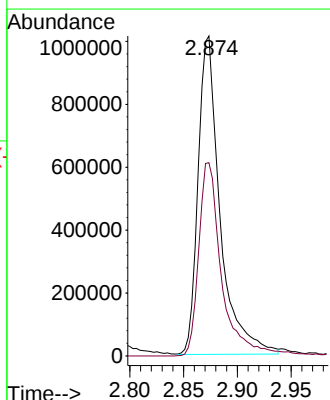
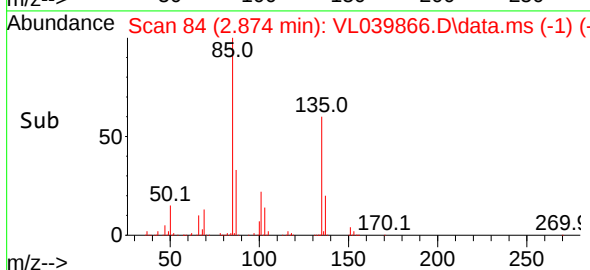
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Supervised By :Mahesh Dadoda 11/11/2022

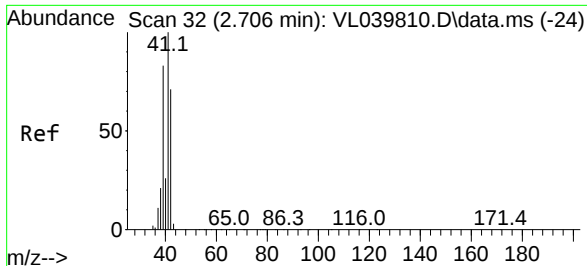


#8
Dichlorotetrafluoroethane
Concen: 9.098 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.007 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



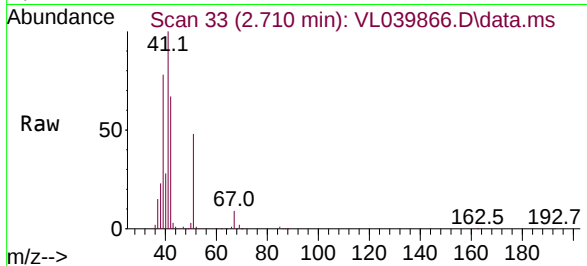
Tgt Ion: 85 Resp: 1440316
Ion Ratio Lower Upper
85 100
135 64.2 56.7 85.1





#9
 Propene
 Concen: 7.886 ppbv
 RT: 2.710 min Scan# 33
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

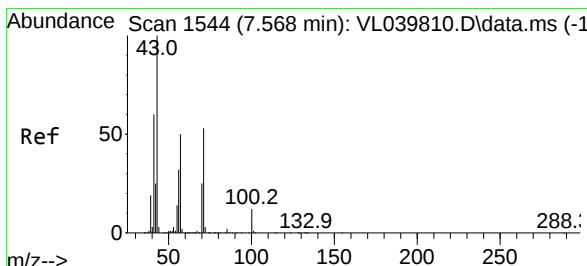
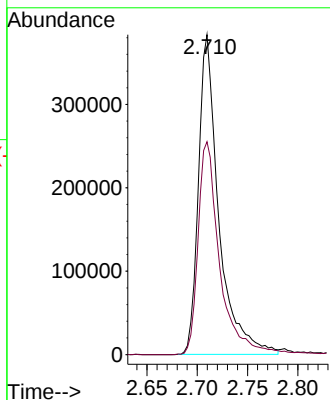
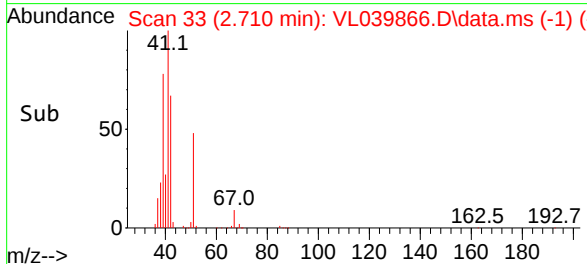
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



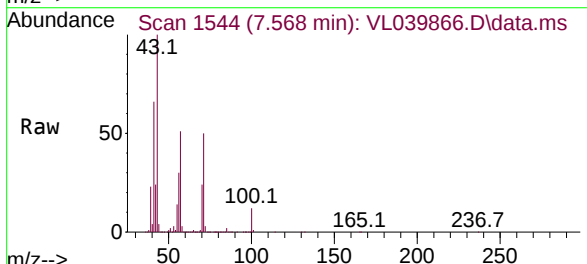
Tgt Ion: 41 Resp: 538997
 Ion Ratio Lower Upper
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 42 71.6 56.3 84.5

Manual Integrations
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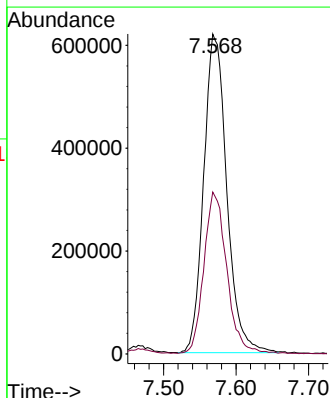
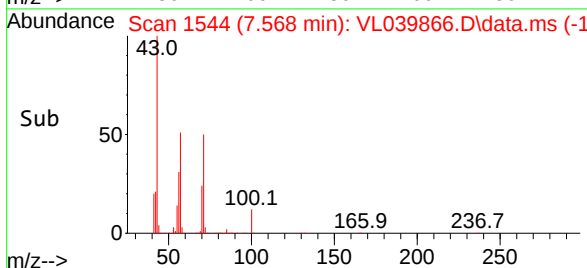
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 Supervised By :Mahesh Dadoda 11/11/2022

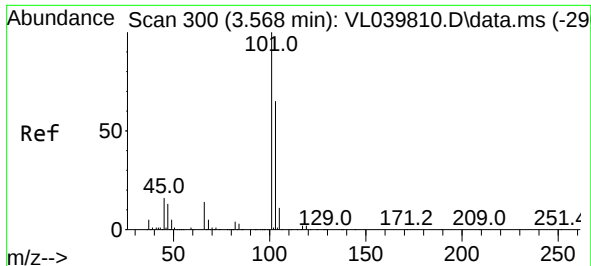


#10
 Heptane
 Concen: 8.378 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53



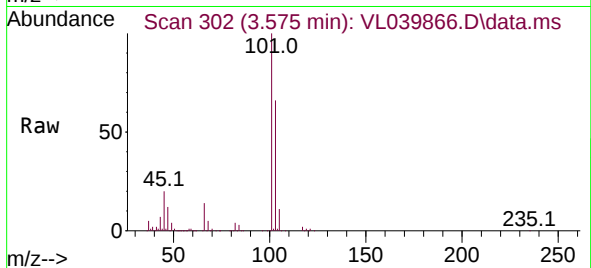
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 Ion Ratio Lower Upper
 43 100
 57 50.4 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.019 ppbv
RT: 3.575 min Scan# 300
Delta R.T. 0.007 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

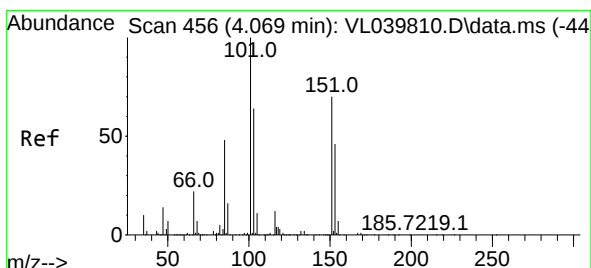
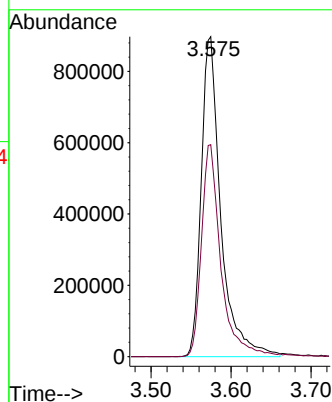
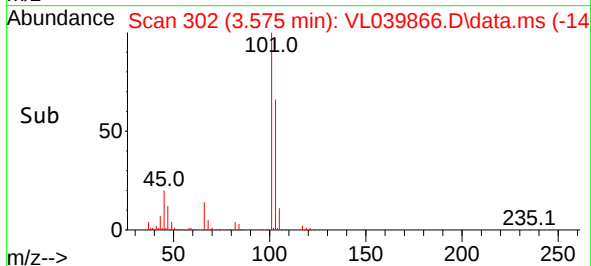
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 151796
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.2

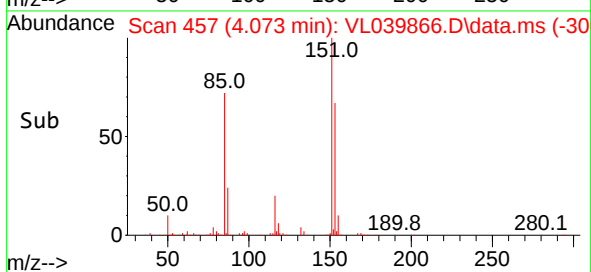
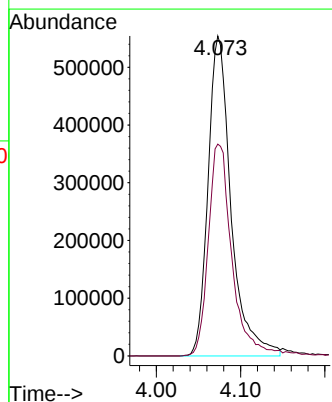
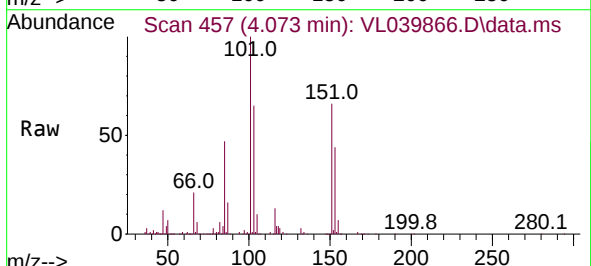
Manual Integrations
APPROVED

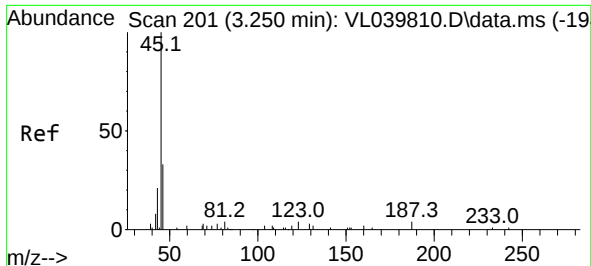
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.600 ppbv
RT: 4.073 min Scan# 457
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:101 Resp: 1050432
Ion Ratio Lower Upper
101 100
151 68.9 57.2 85.8





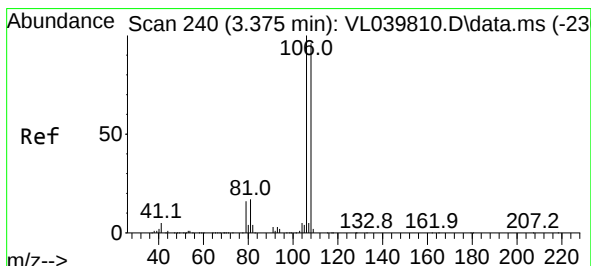
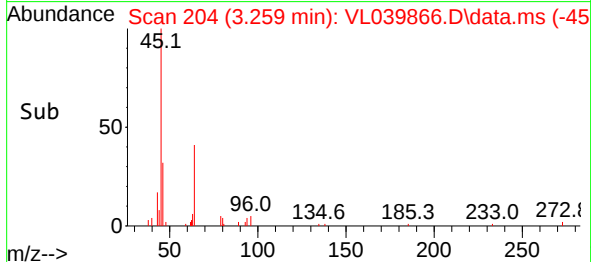
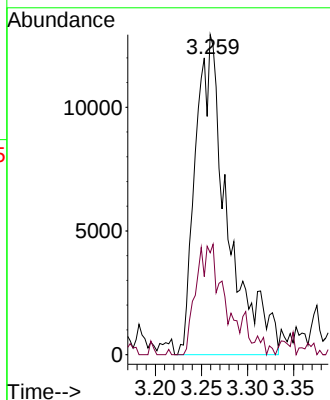
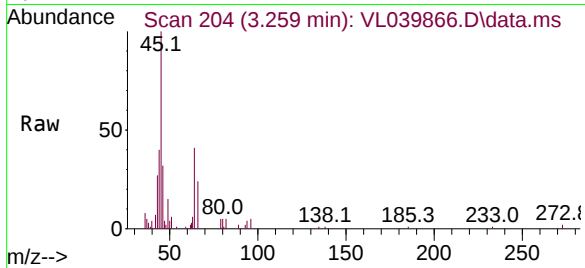
#13
Ethanol
Concen: 6.512 ppbv m
RT: 3.259 min Scan# 201
Delta R.T. 0.010 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 31452
Ion Ratio Lower Upper
45 100
46 33.1 16.5 65.9

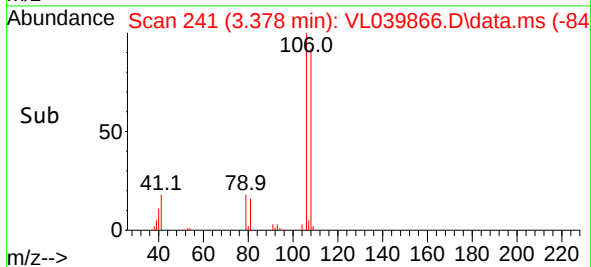
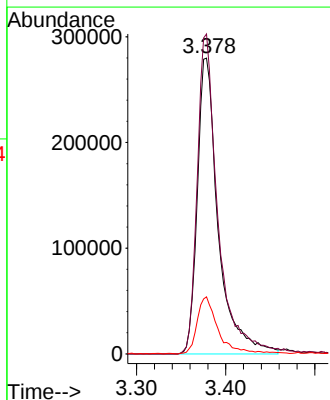
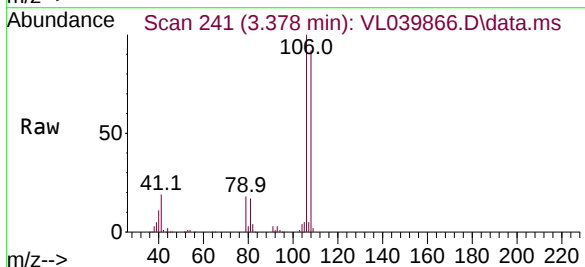
Manual Integrations
APPROVED

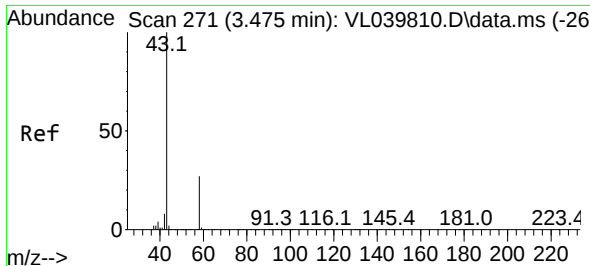
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#14
Bromoethene
Concen: 9.319 ppbv
RT: 3.378 min Scan# 241
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

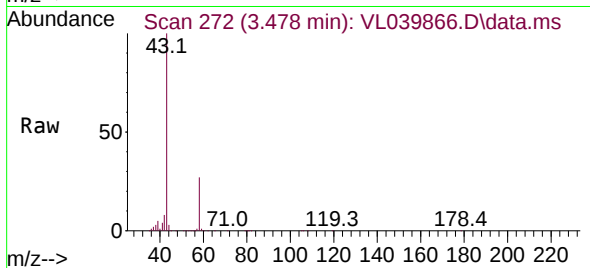
Tgt Ion:108 Resp: 456589
Ion Ratio Lower Upper
108 100
106 108.6 87.8 131.8
79 19.8 14.5 21.7





#15
Acetone
Concen: 7.089 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

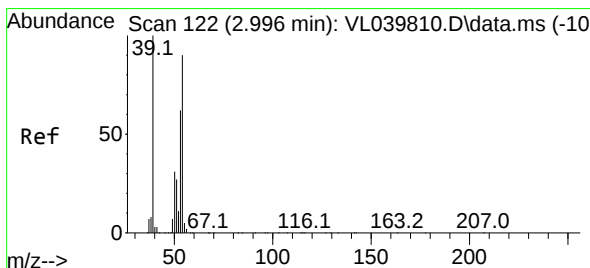
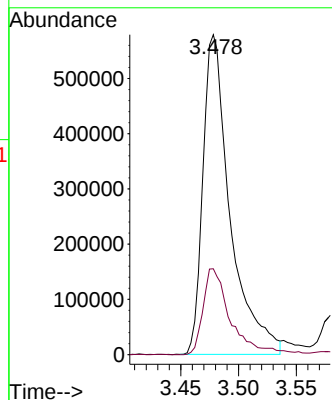
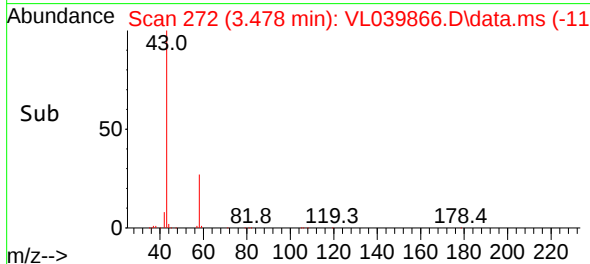
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 949425
Ion Ratio Lower Upper
43 100
58 27.2 23.2 34.8

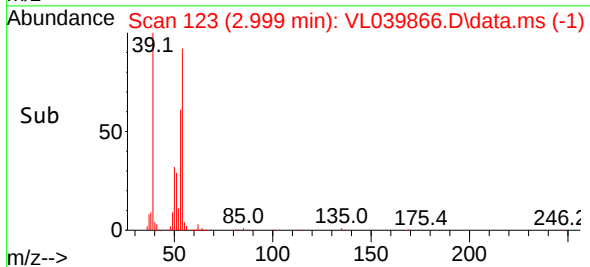
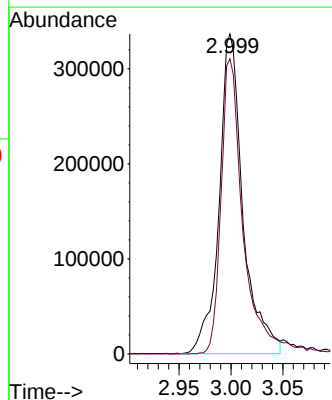
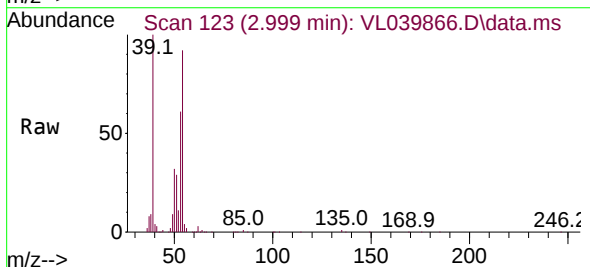
Manual Integrations
APPROVED

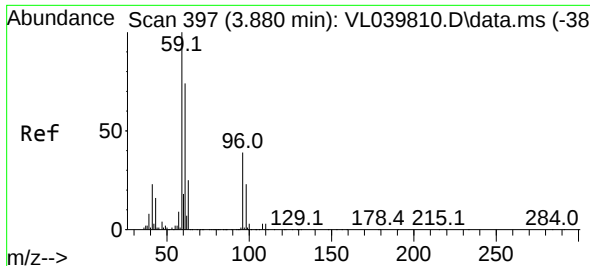
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
1,3-Butadiene
Concen: 8.630 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 39 Resp: 537514
Ion Ratio Lower Upper
39 100
54 87.3 71.0 106.4





#17

tert-Butyl alcohol

Concen: 7.746 ppbv

RT: 3.883 min Scan# 39

Delta R.T. 0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 987959

Ion Ratio Lower Upper

59 100

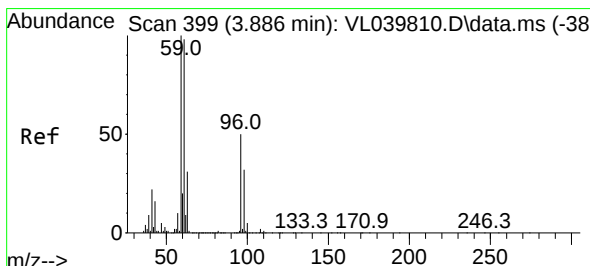
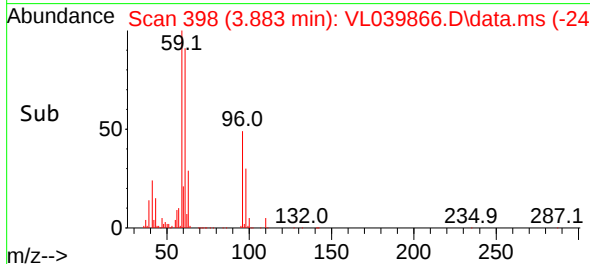
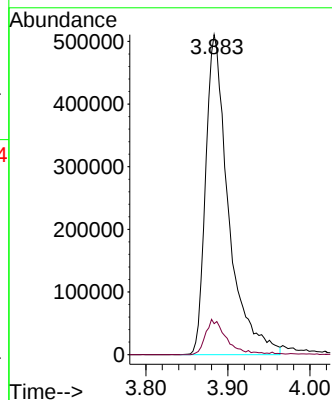
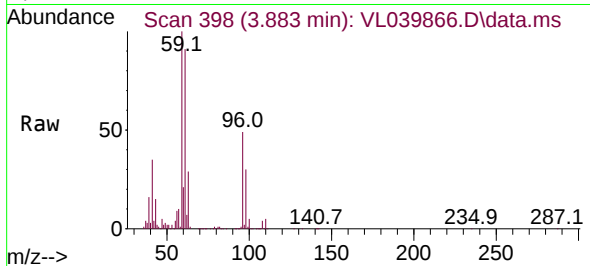
57 10.7 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#18

1,1-Dichloroethene

Concen: 9.177 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

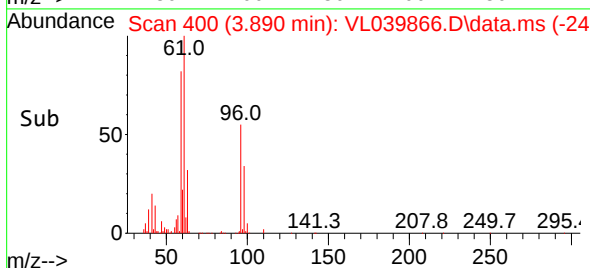
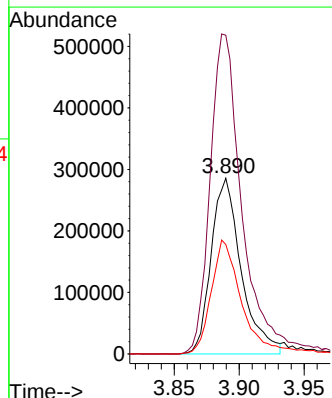
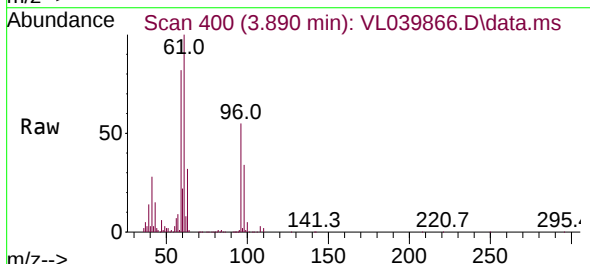
Tgt Ion: 96 Resp: 460421

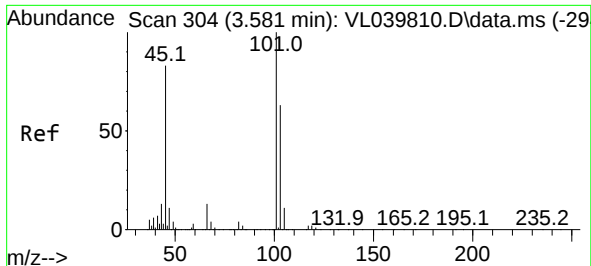
Ion Ratio Lower Upper

96 100

61 181.5 156.9 235.3

98 62.3 50.6 75.8





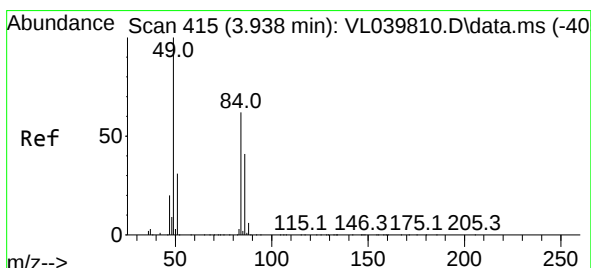
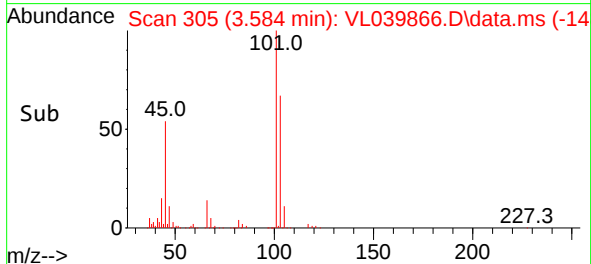
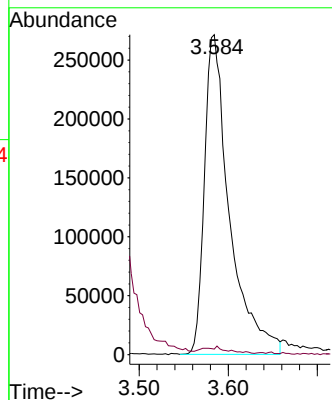
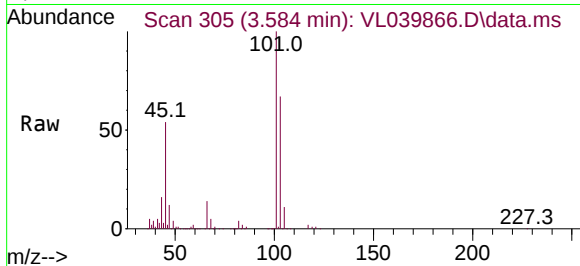
#19
Isopropyl Alcohol
Concen: 8.018 ppbv
RT: 3.584 min Scan# 304
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 531489
Ion Ratio Lower Upper
45 100
58 2.6 38.3 57.5

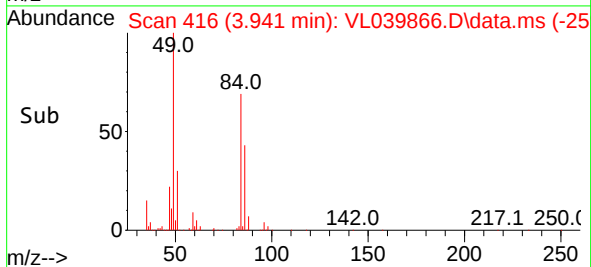
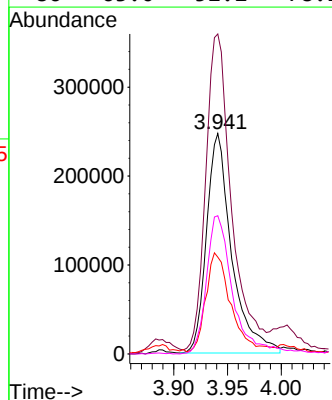
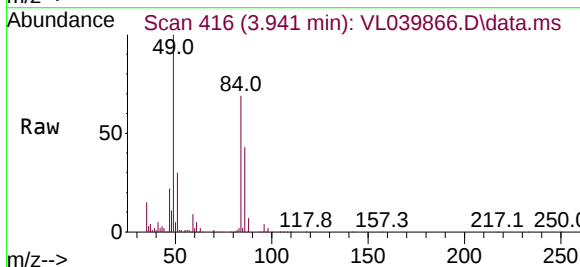
Manual Integrations
APPROVED

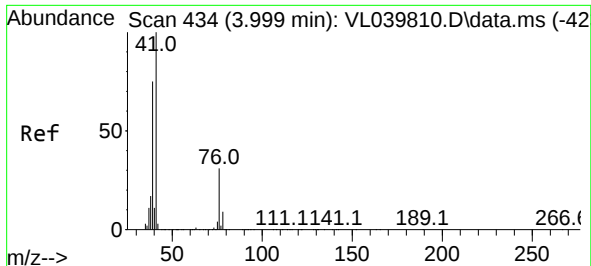
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#20
Methylene Chloride
Concen: 8.401 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 84 Resp: 402539
Ion Ratio Lower Upper
84 100
49 143.6 128.6 192.8
51 42.7 40.2 60.4
86 63.0 52.2 78.2





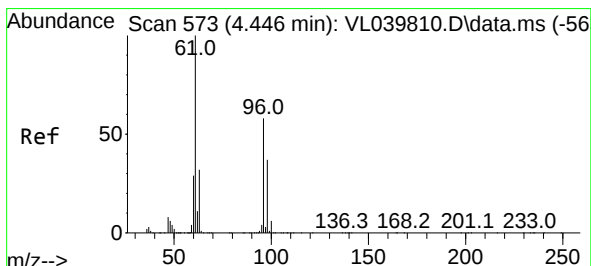
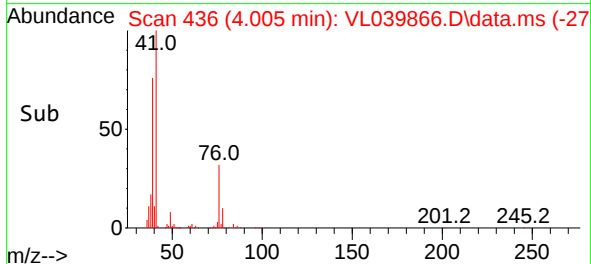
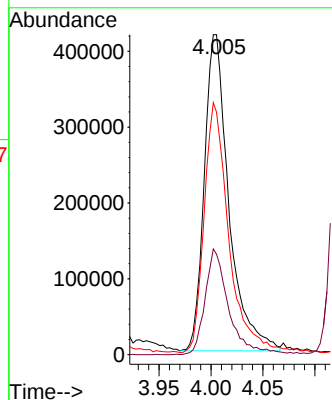
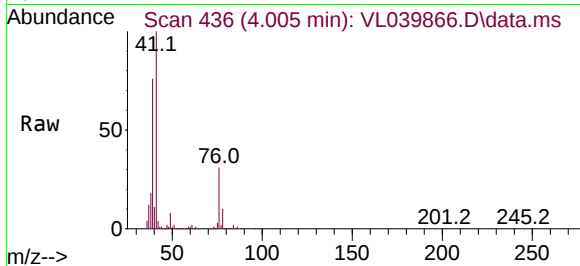
#21
 Allyl Chloride
 Concen: 8.117 ppbv
 RT: 4.005 min Scan# 434
 Delta R.T. 0.007 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 687630
 Ion Ratio Lower Upper
 41 100
 76 32.0 24.1 36.1
 39 80.7 64.3 96.5

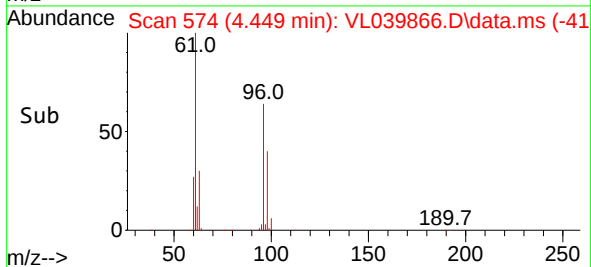
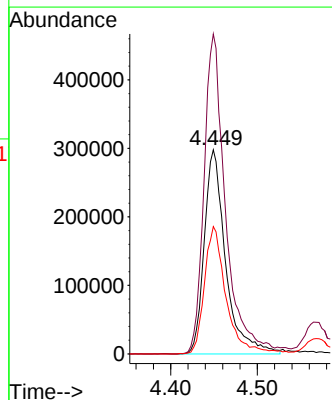
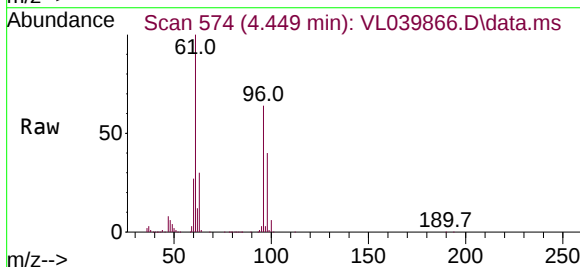
Manual Integrations
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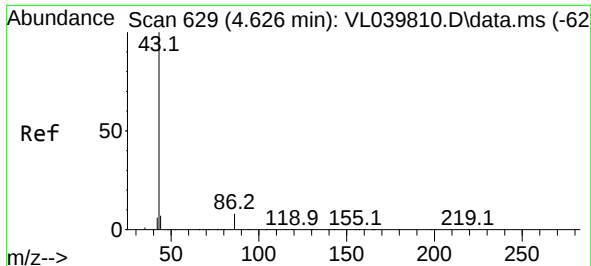
Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.035 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Tgt Ion: 96 Resp: 510990
 Ion Ratio Lower Upper
 96 100
 61 156.6 137.6 206.4
 98 62.2 51.2 76.8





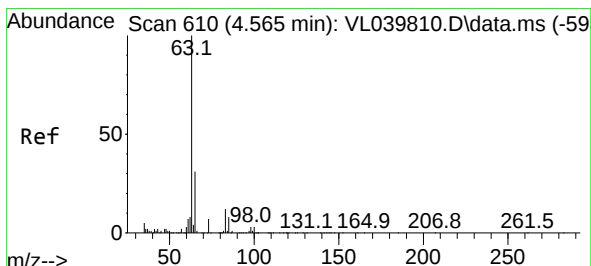
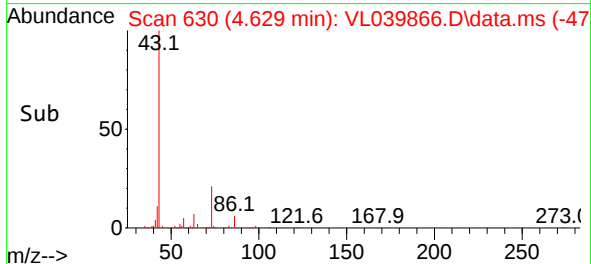
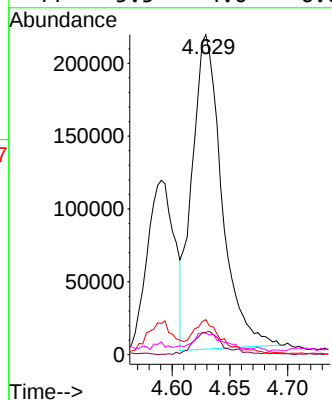
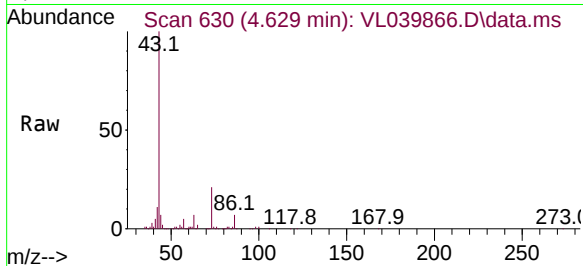
#23
 Vinyl Acetate
 Concen: 7.254 ppbv
 RT: 4.629 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 387034
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.0 7.4
 42 10.7 6.8 10.2
 44 5.5 4.0 6.0

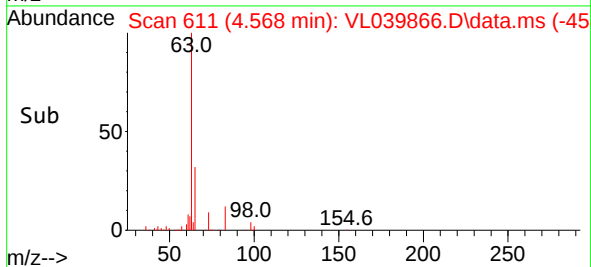
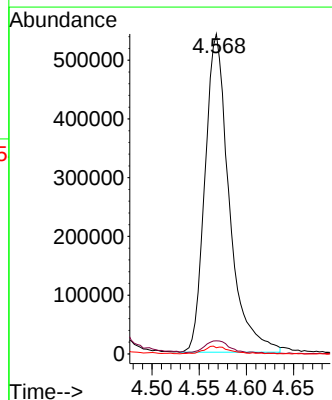
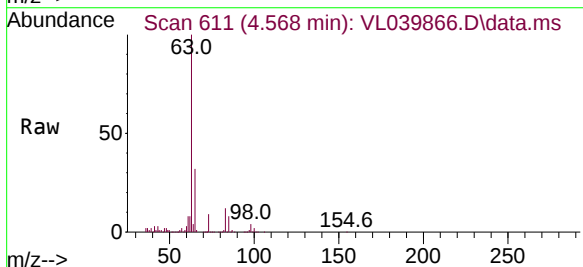
Manual Integrations
 APPROVED

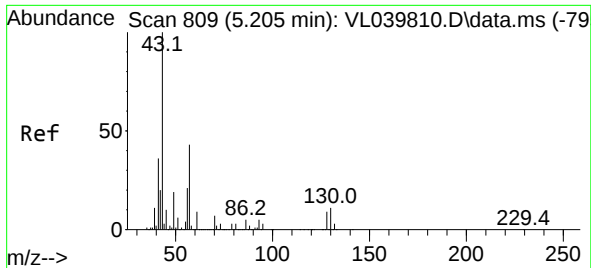
Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#24
 1,1-Dichloroethane
 Concen: 8.866 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

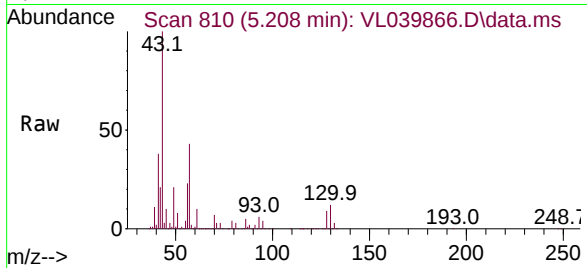
Tgt Ion: 63 Resp: 966258
 Ion Ratio Lower Upper
 63 100
 98 3.9 1.8 5.4
 100 1.9 1.5 4.4





#25
Ethyl Acetate
Concen: 8.531 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

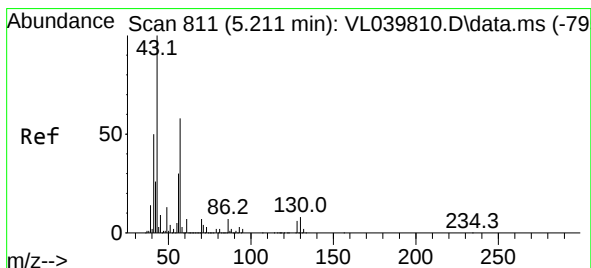
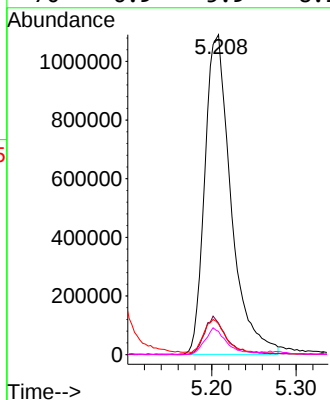
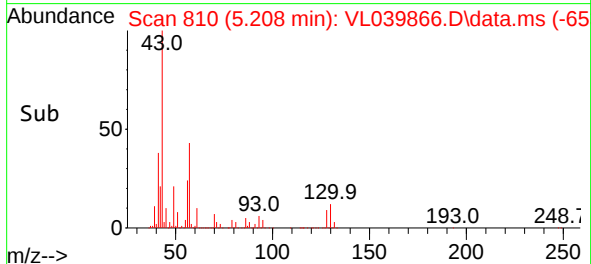
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



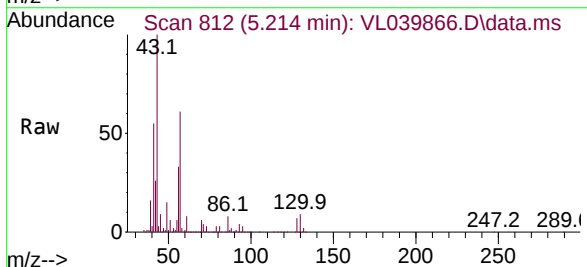
Tgt Ion: 43 Resp: 2353396
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.2
61 10.7 8.1 12.1
70 6.9 5.9 8.9

Manual Integrations
APPROVED

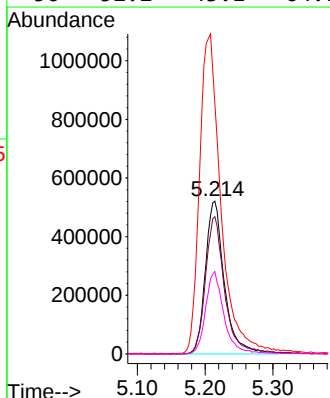
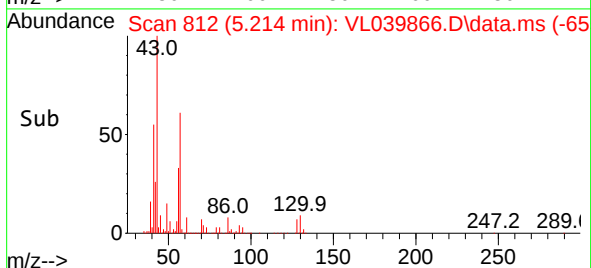
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

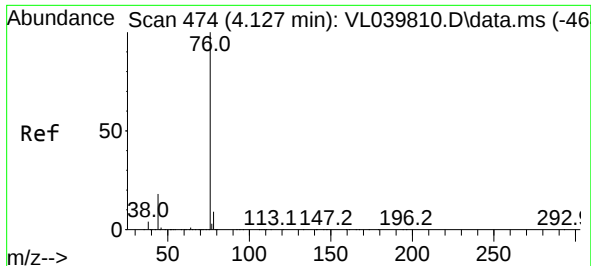


#26
Hexane
Concen: 8.237 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



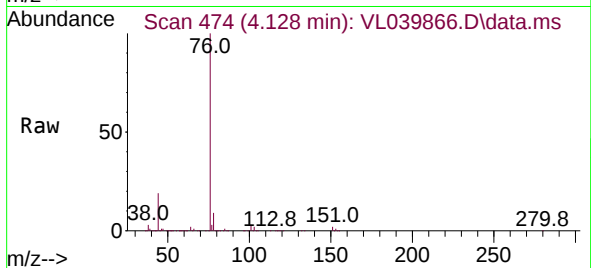
Tgt Ion: 57 Resp: 1013141
Ion Ratio Lower Upper
57 100
41 91.7 73.7 110.5
43 239.1 189.8 284.8
56 52.2 43.1 64.7





#27
Carbon Disulfide
Concen: 9.130 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

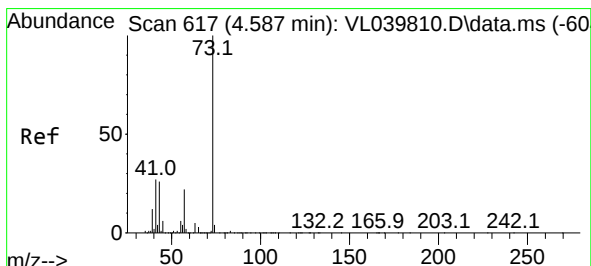
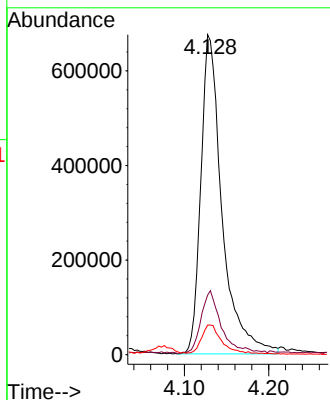
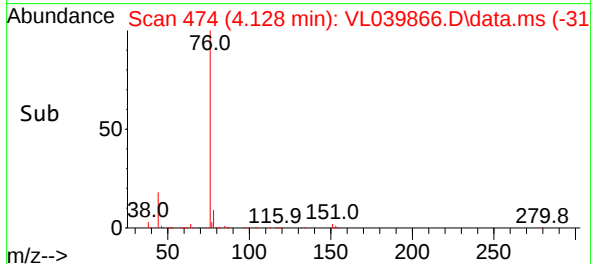
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1179334
Ion Ratio Lower Upper
76 100
44 19.2 14.6 22.0
78 10.0 7.6 11.4

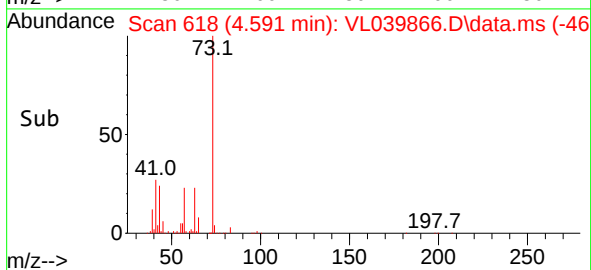
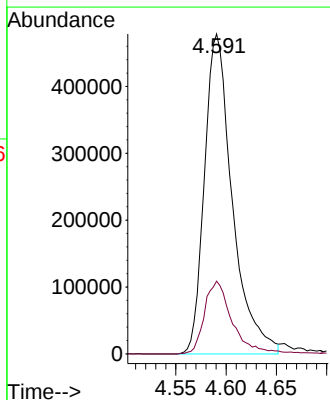
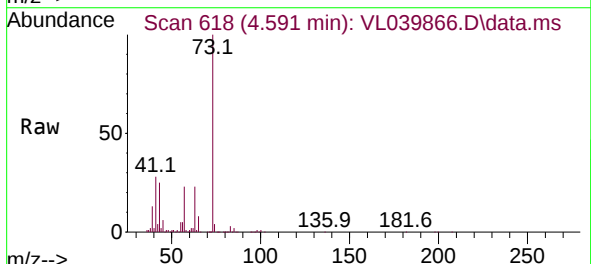
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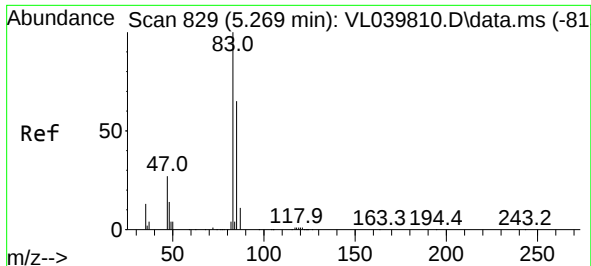
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#28
Methyl tert-Butyl Ether
Concen: 8.285 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 73 Resp: 922429
Ion Ratio Lower Upper
73 100
57 23.0 19.4 29.2





#29

Chloroform

Concen: 9.467 ppbv

RT: 5.272 min Scan# 830

Delta R.T. 0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1637368

Ion Ratio Lower Upper

83 100

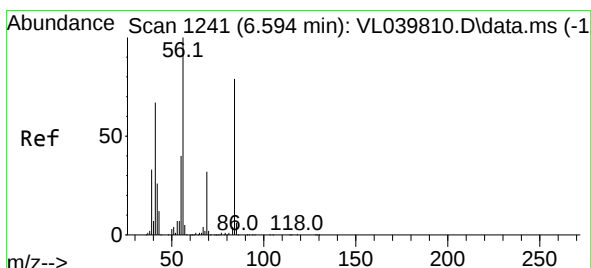
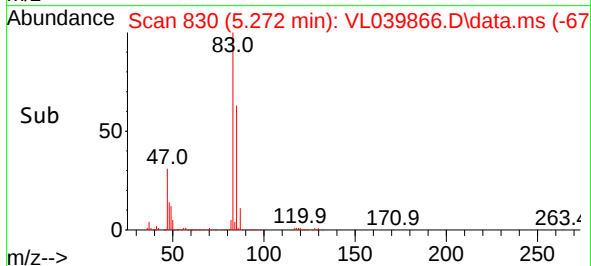
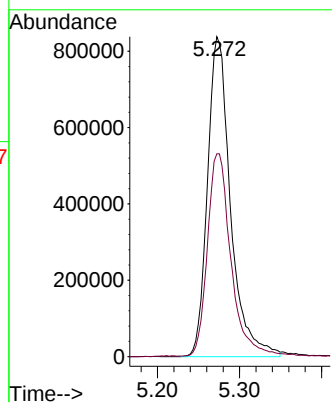
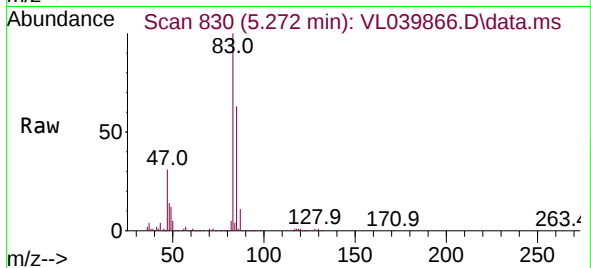
85 63.2 51.6 77.4

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Reviewed By :Semsettin Yesilyurt 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

Cyclohexane

Concen: 7.850 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

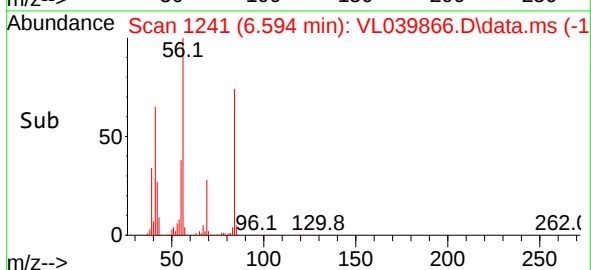
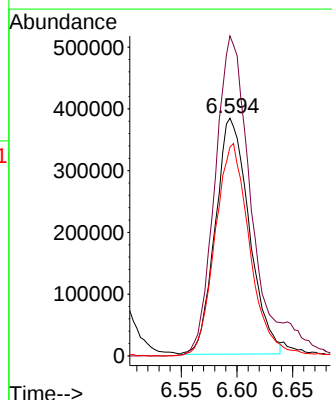
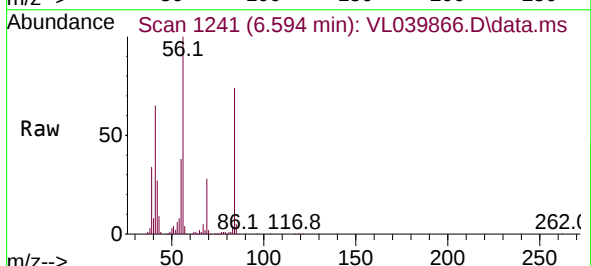
Tgt Ion: 84 Resp: 807438

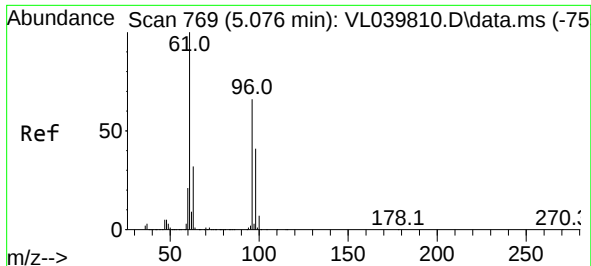
Ion Ratio Lower Upper

84 100

56 149.7 114.8 172.2

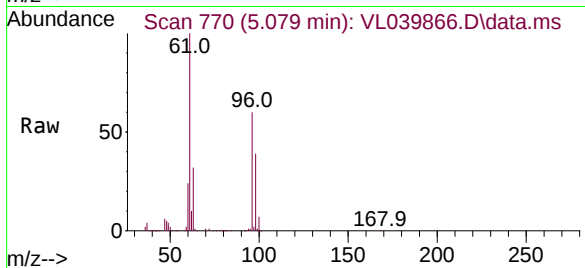
41 92.8 68.6 103.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.305 ppbv
 RT: 5.079 min Scan# 769
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

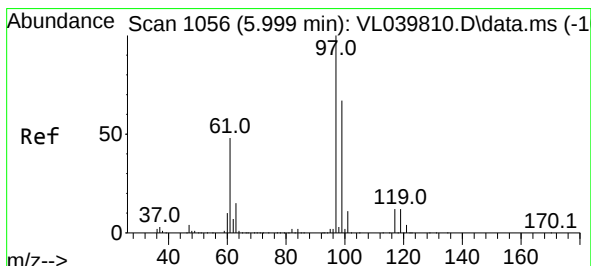
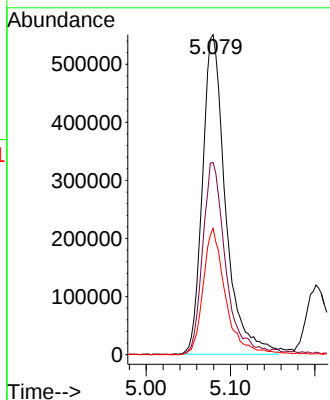
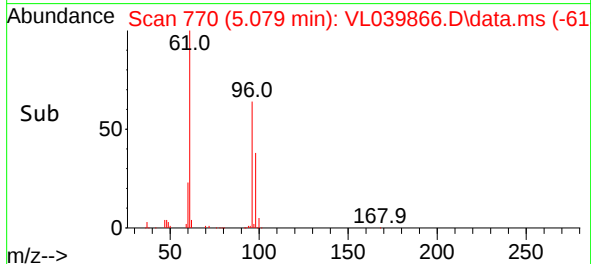
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



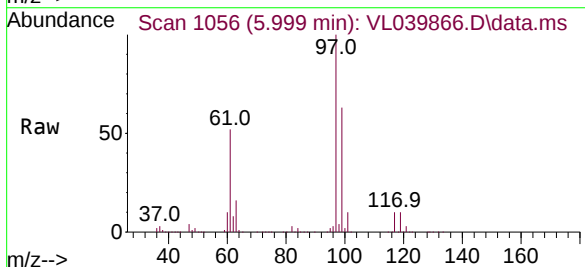
Tgt Ion: 61 Resp: 1043663
 Ion Ratio Lower Upper
 61 100
 96 60.2 52.6 78.8
 98 39.5 32.6 48.8

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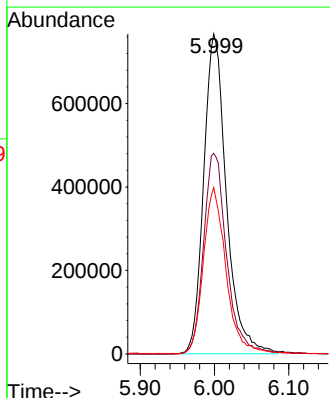
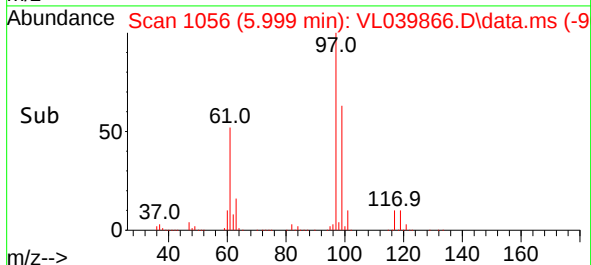
Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

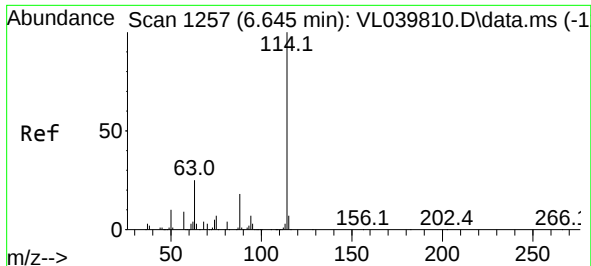


#32
 1,1,1-Trichloroethane
 Concen: 9.472 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53



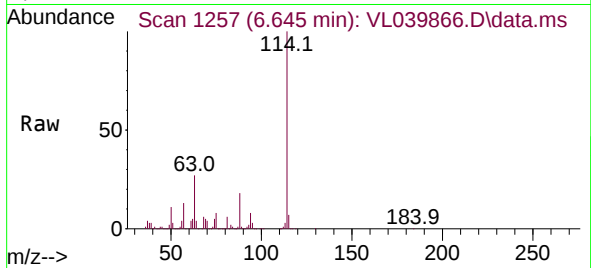
Tgt Ion: 97 Resp: 1630962
 Ion Ratio Lower Upper
 97 100
 99 64.0 52.7 79.1
 61 52.1 38.9 58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

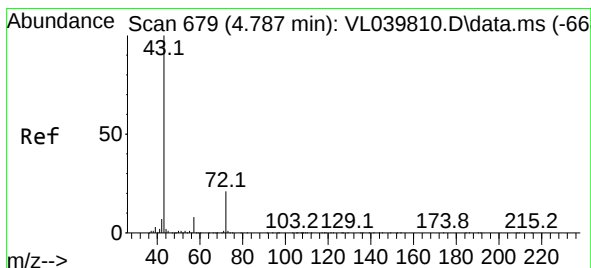
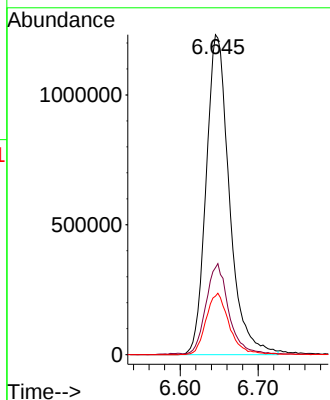
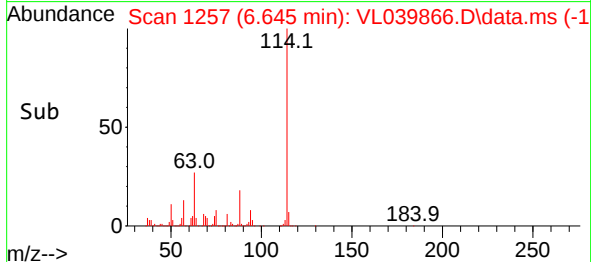
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



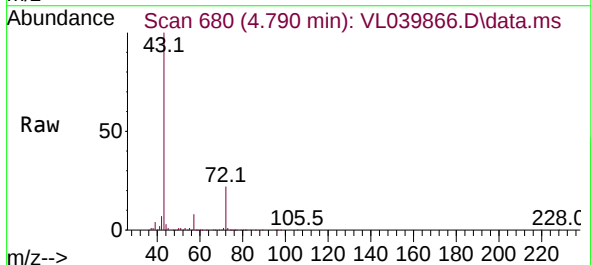
Tgt Ion:114 Resp: 2551313
Ion Ratio Lower Upper
114 100
63 28.4 19.8 29.6
88 19.3 14.4 21.6

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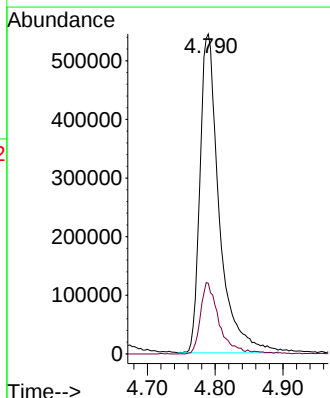
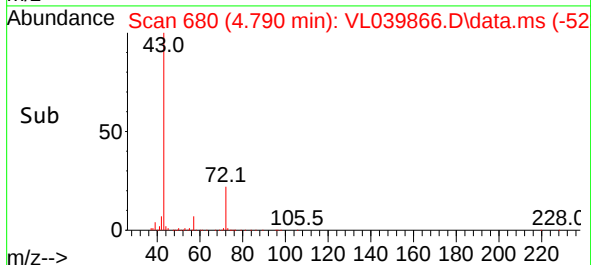
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

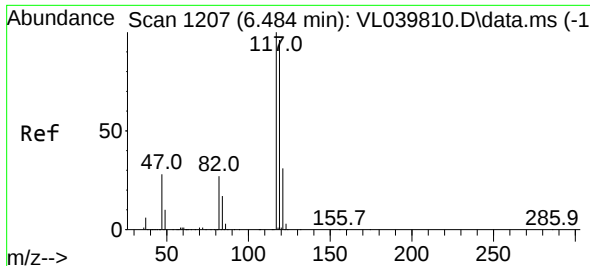


#34
2-Butanone
Concen: 10.227 ppbv
RT: 4.790 min Scan# 680
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



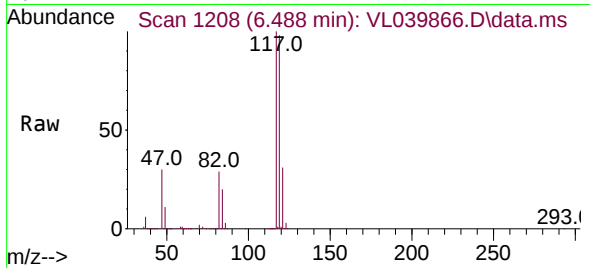
Tgt Ion: 43 Resp: 1076390
Ion Ratio Lower Upper
43 100
72 22.2 17.5 26.3





#35
Carbon Tetrachloride
Concen: 10.852 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

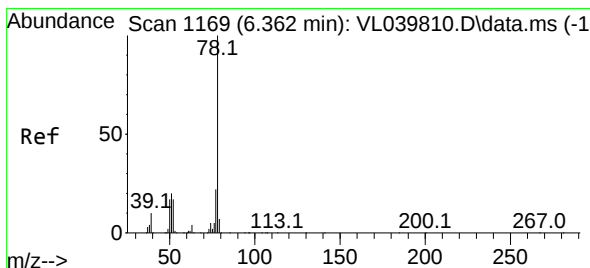
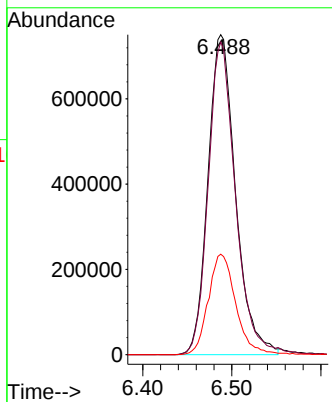
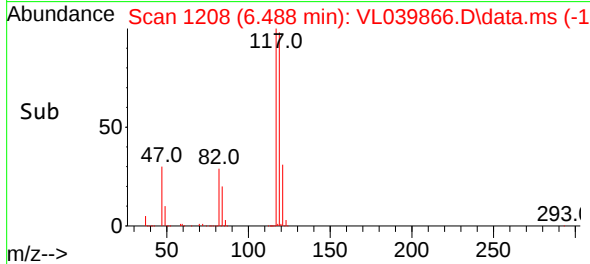
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 161386
Ion Ratio Lower Upper
117 100
119 97.6 76.5 114.7
121 31.3 25.2 37.8

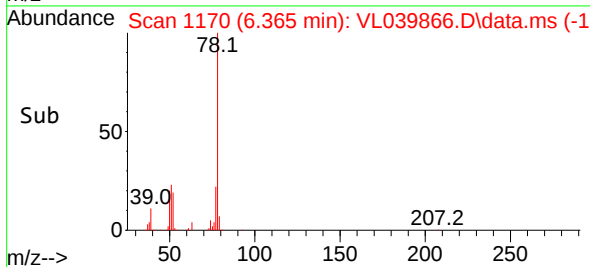
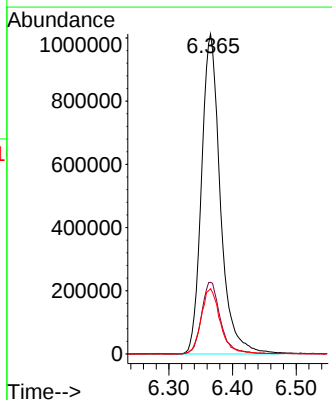
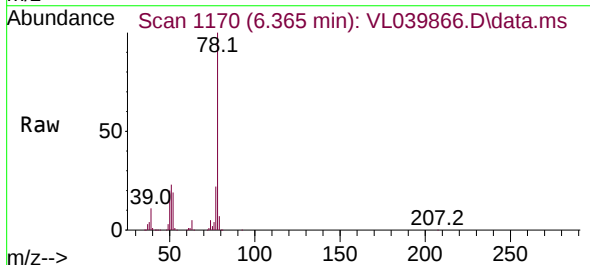
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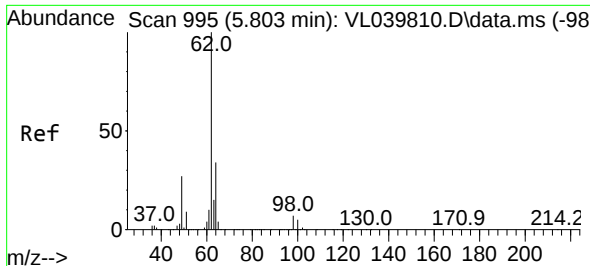
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#36
Benzene
Concen: 9.661 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

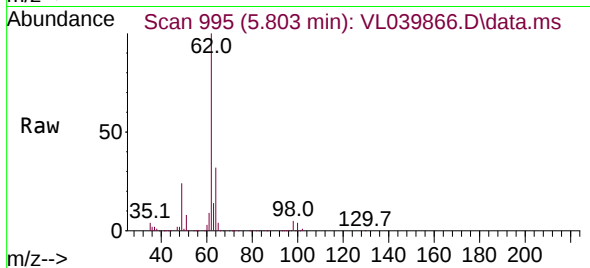
Tgt Ion: 78 Resp: 2079104
Ion Ratio Lower Upper
78 100
77 22.4 17.4 26.2
50 20.4 13.9 20.9





#37
1,2-Dichloroethane
Concen: 12.871 ppbv m
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

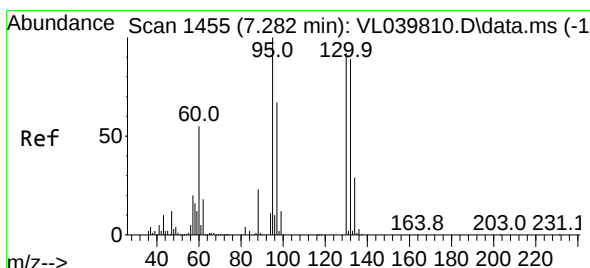
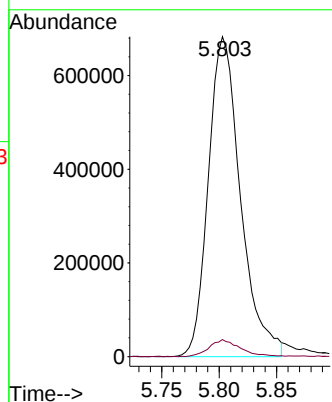
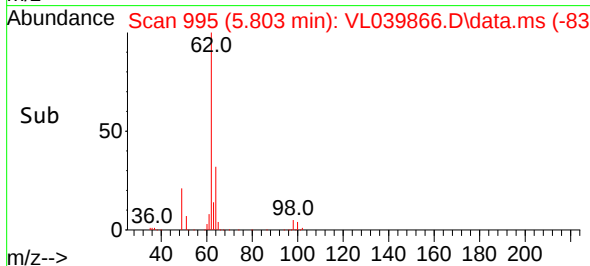
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



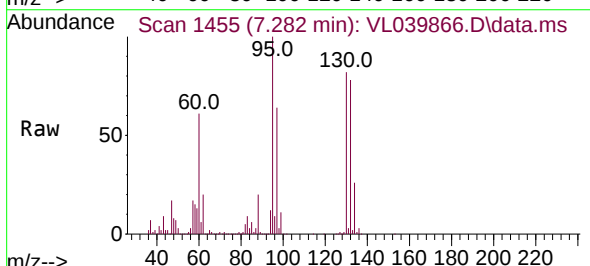
Tgt Ion: 62 Resp: 1329023
Ion Ratio Lower Upper
62 100
98 5.4 5.4 8.2

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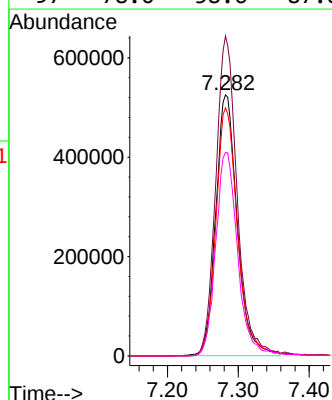
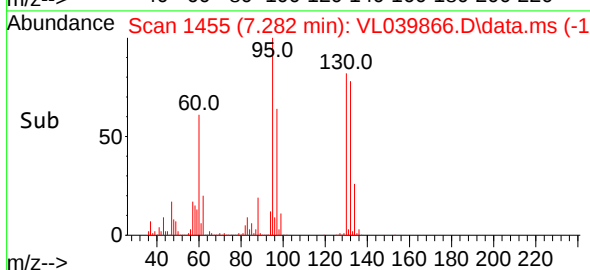
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

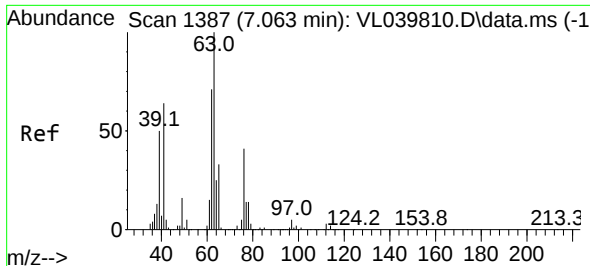


#38
Trichloroethene
Concen: 9.615 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



Tgt Ion:130 Resp: 1107598
Ion Ratio Lower Upper
130 100
95 122.6 87.4 131.2
132 95.1 77.7 116.5
97 78.0 58.6 87.8





#39

1,2-Dichloropropane

Concen: 10.253 ppbv

RT: 7.063 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VL039866.D

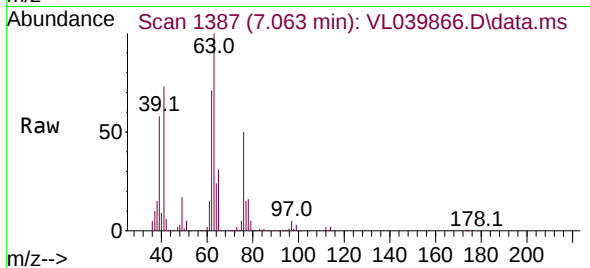
Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

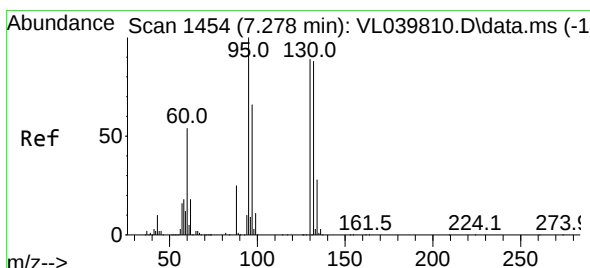
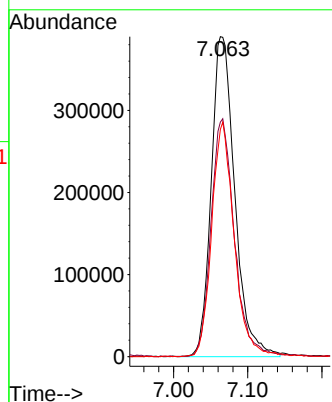
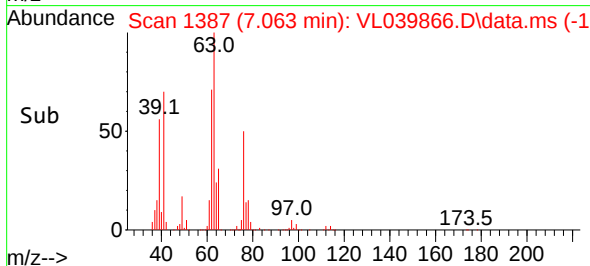


Tgt Ion: 63	Resp: 85970
Ion Ratio	Lower Upper
63	100
41	73.2 51.0 76.4
62	70.9 56.6 85.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#40

1,4-Dioxane

Concen: 9.078 ppbv

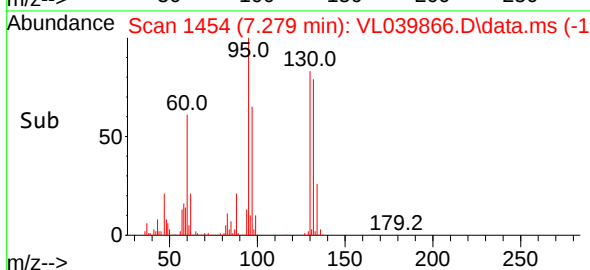
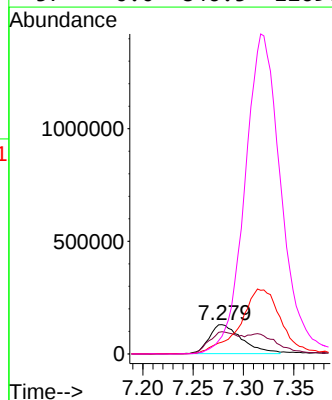
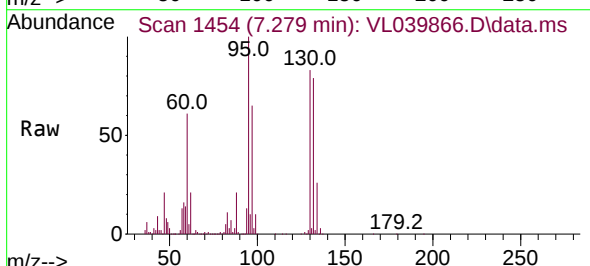
RT: 7.279 min Scan# 1454

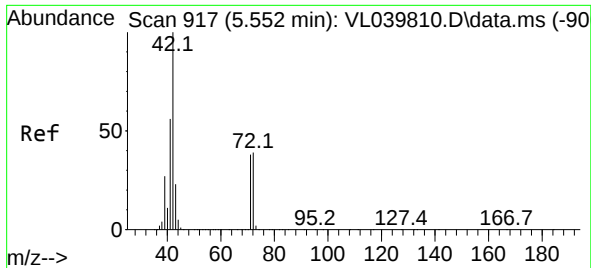
Delta R.T. 0.000 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

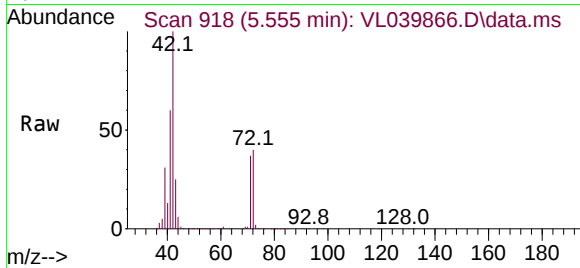
Tgt Ion: 88	Resp: 291490
Ion Ratio	Lower Upper
88	100
58	139.3 99.5 149.3
43	0.0 189.7 284.5#
57	0.0 846.5 1269.7#





#41
Tetrahydrofuran
Concen: 9.692 ppbv
RT: 5.555 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

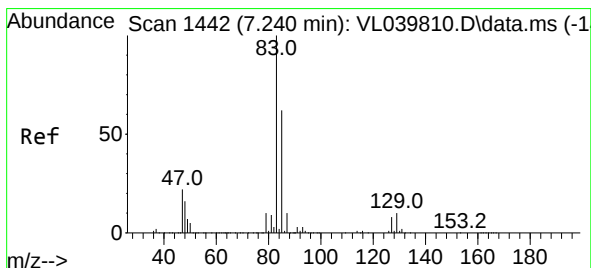
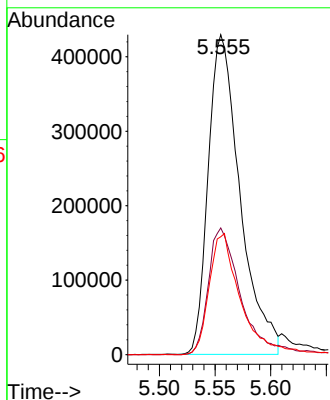
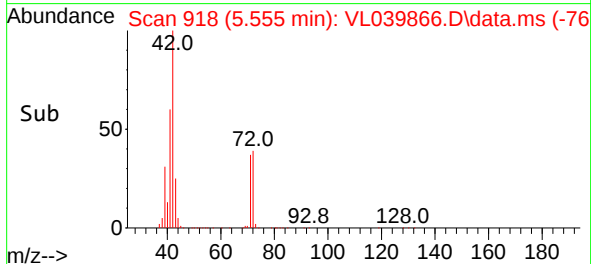
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 852549
Ion Ratio Lower Upper
42 100
72 41.4 31.4 47.2
71 38.6 31.5 47.3

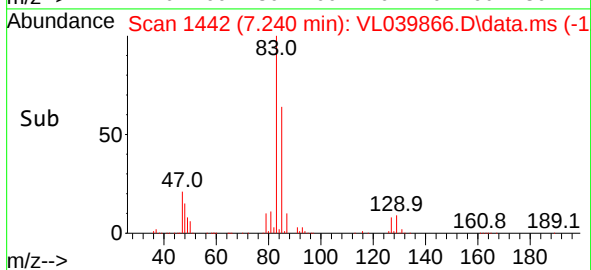
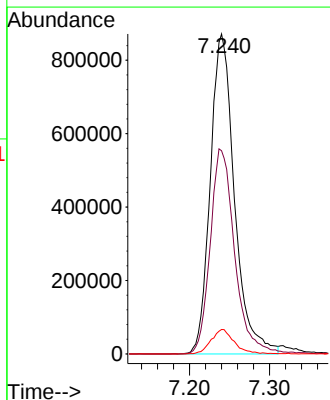
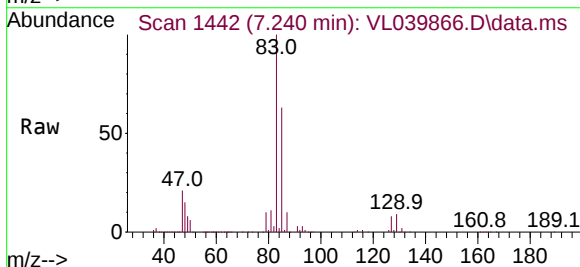
Manual Integrations
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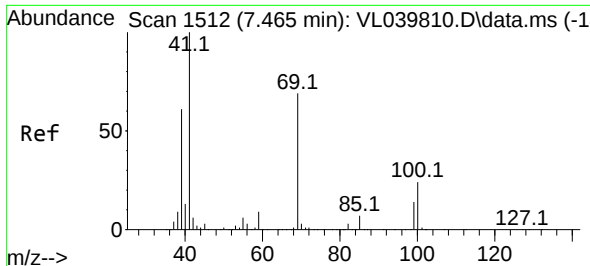
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#42
Bromodichloromethane
Concen: 11.118 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

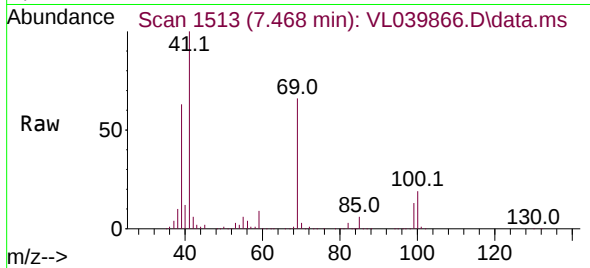
Tgt Ion: 83 Resp: 1833632
Ion Ratio Lower Upper
83 100
85 63.5 49.9 74.9
127 7.6 6.4 9.6





#43
Methyl Methacrylate
Concen: 9.997 ppbv
RT: 7.468 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

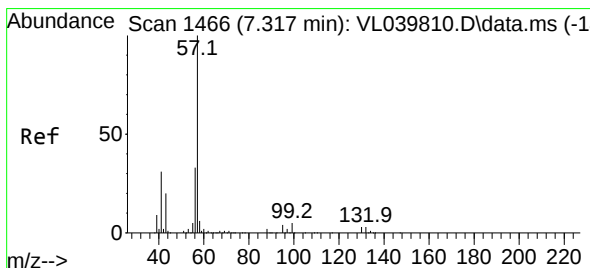
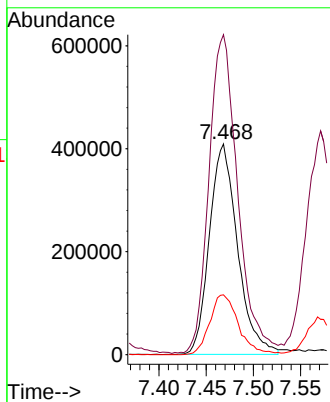
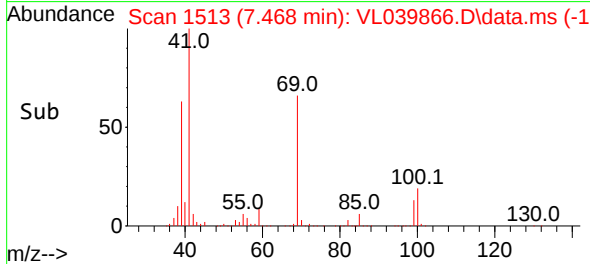
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 850253
Ion Ratio Lower Upper
69 100
41 156.1 115.7 173.5
100 29.1 25.9 38.9

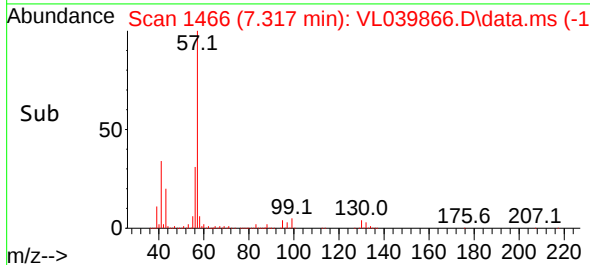
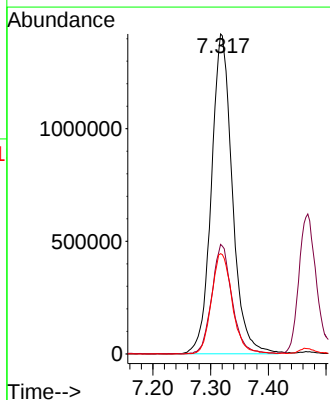
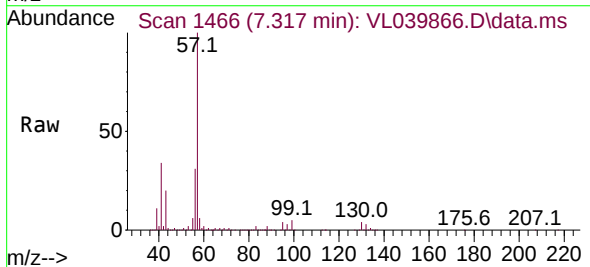
Manual Integrations
APPROVED

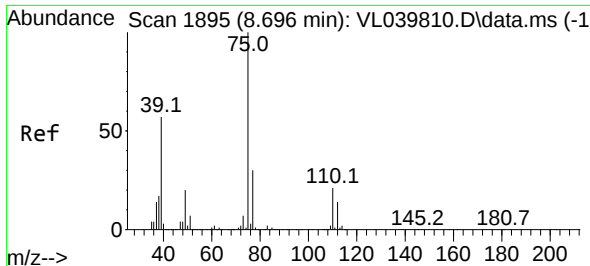
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#44
2,2,4-Trimethylpentane
Concen: 9.849 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 57 Resp: 3577921
Ion Ratio Lower Upper
57 100
41 33.0 24.6 36.8
56 31.1 25.4 38.0





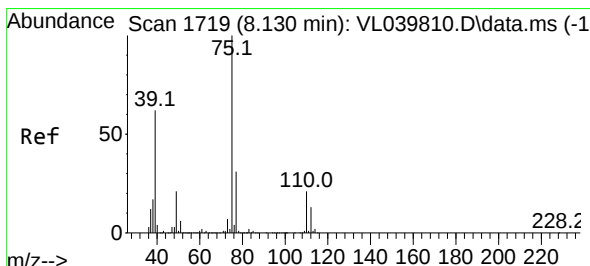
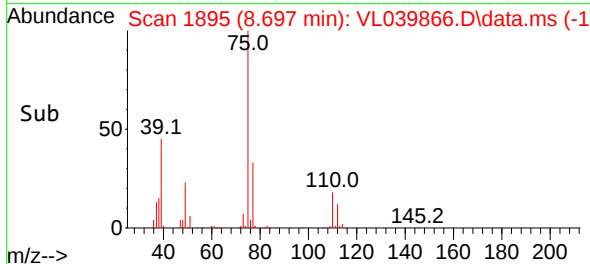
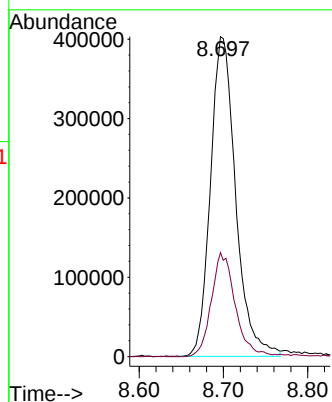
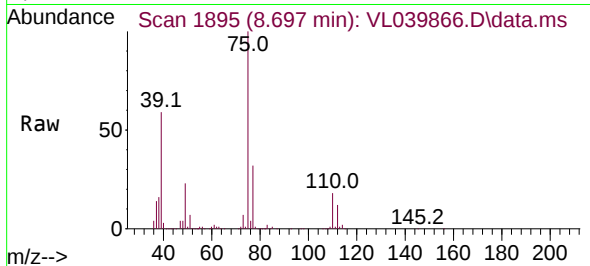
#45
t-1,3-Dichloropropene
Concen: 10.288 ppbv
RT: 8.697 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 838222
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6

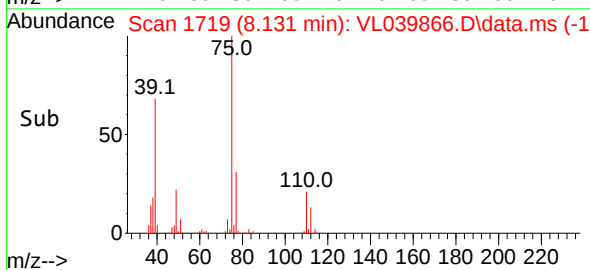
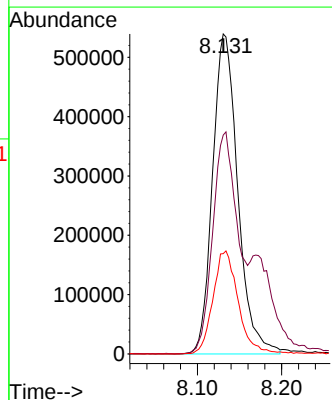
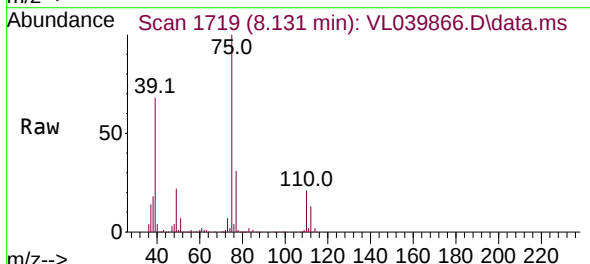
Manual Integrations
APPROVED

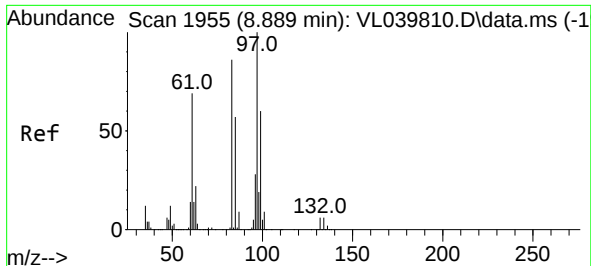
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#46
cis-1,3-Dichloropropene
Concen: 10.078 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 75 Resp: 1120737
Ion Ratio Lower Upper
75 100
39 68.3 50.0 75.0
77 31.3 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 9.782 ppbv

RT: 8.886 min Scan# 1955

Delta R.T. -0.003 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 830562

Ion Ratio Lower Upper

97 100

83 96.6 68.8 103.2

85 60.6 45.8 68.6

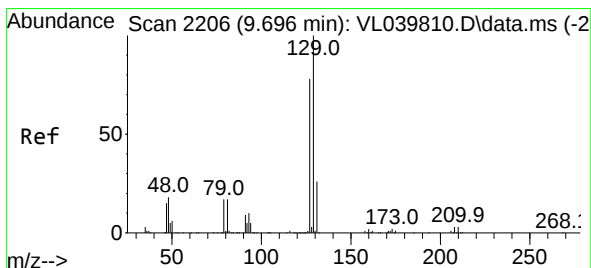
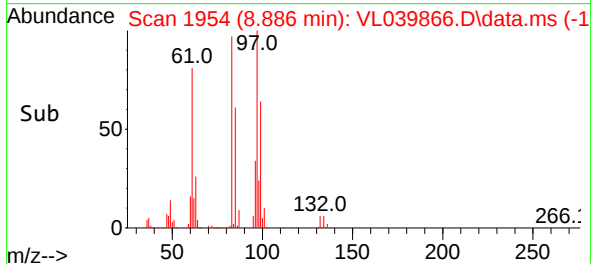
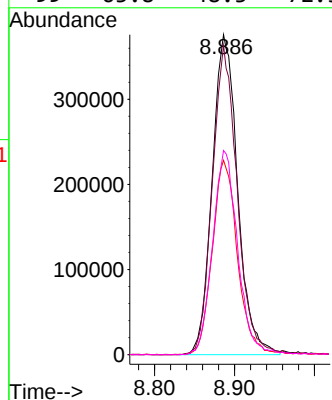
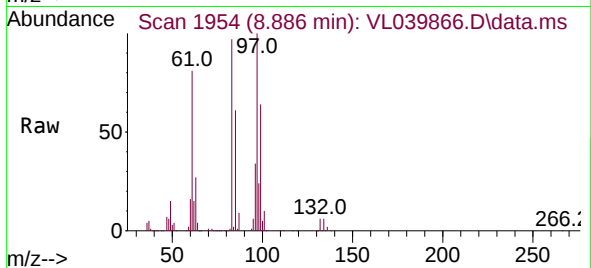
99 63.8 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#48

Dibromochloromethane

Concen: 9.868 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. 0.000 min

Lab File: VL039866.D

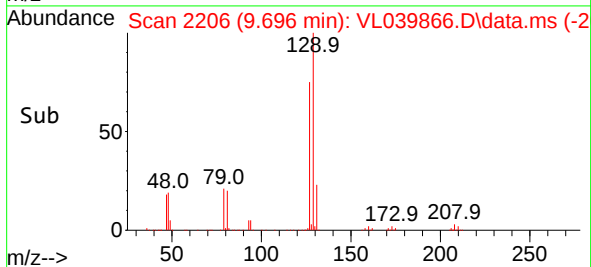
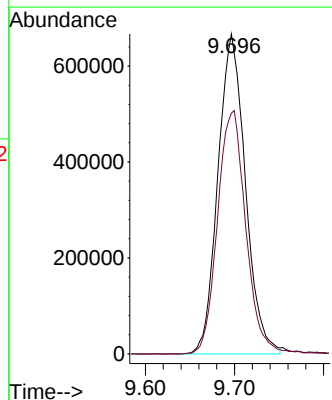
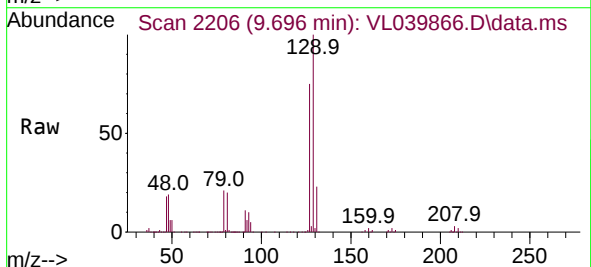
Acq: 10 Nov 2022 15:53

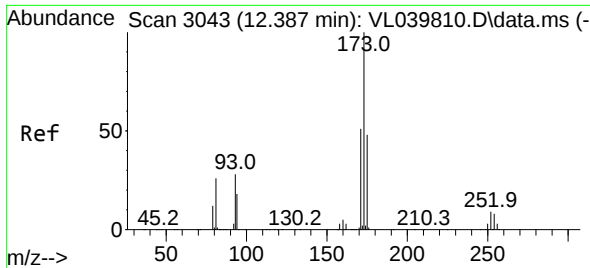
Tgt Ion:129 Resp: 1427627

Ion Ratio Lower Upper

129 100

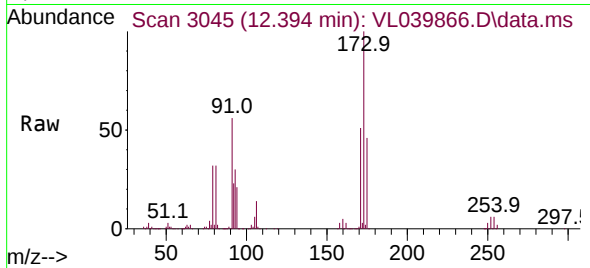
127 78.7 39.4 118.1





#49
Bromoform
Concen: 9.806 ppbv
RT: 12.394 min Scan# 3043
Delta R.T. 0.007 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

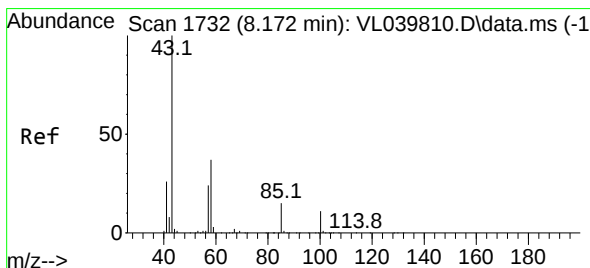
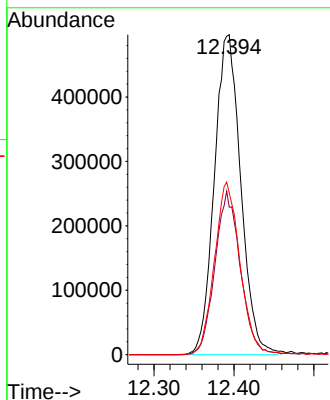
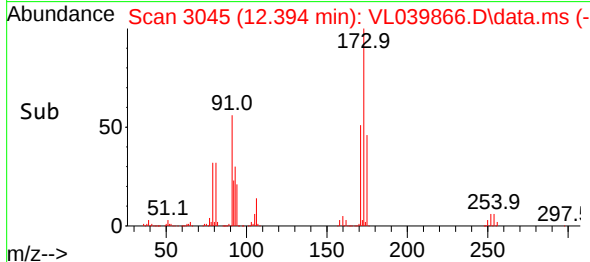
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 1140319
Ion Ratio Lower Upper
173 100
175 49.3 39.7 59.5
171 52.5 41.7 62.5

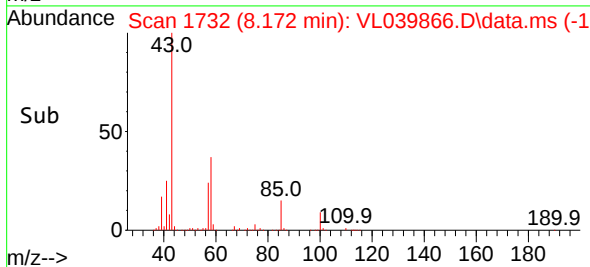
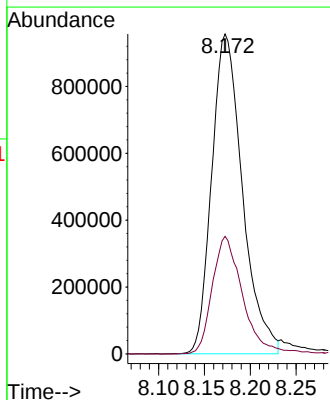
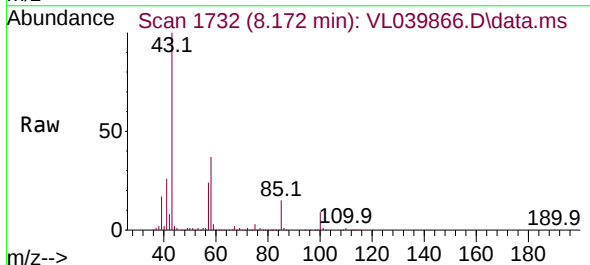
Manual Integrations
APPROVED

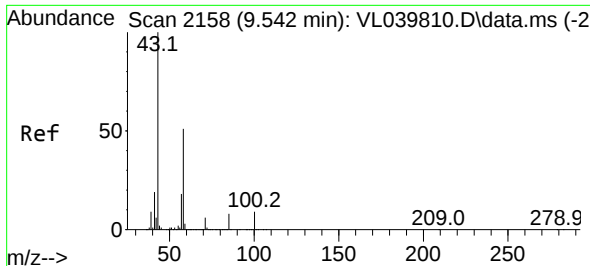
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#50
4-Methyl-2-Pentanone
Concen: 10.332 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

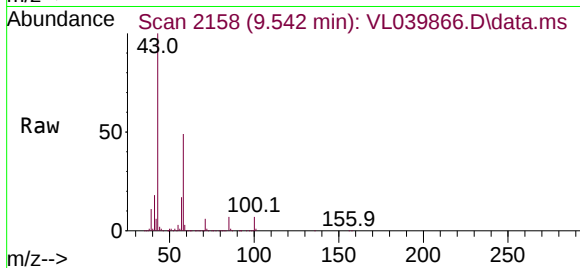
Tgt Ion: 43 Resp: 2226396
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6





#51
2-Hexanone
Concen: 10.692 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

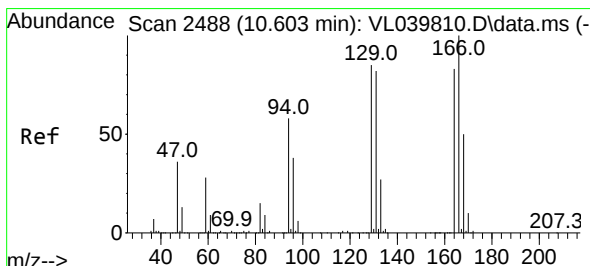
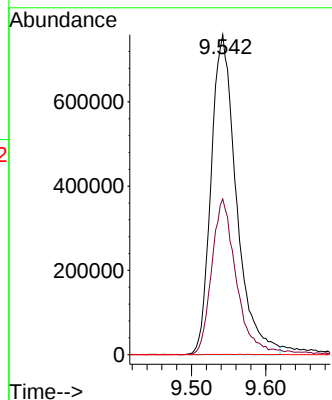
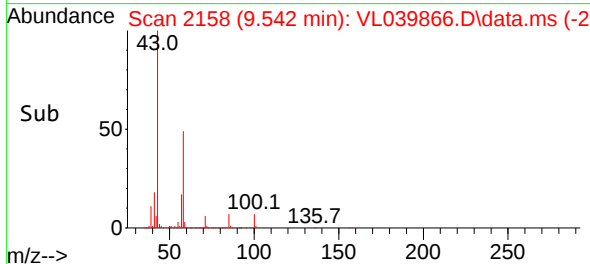
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



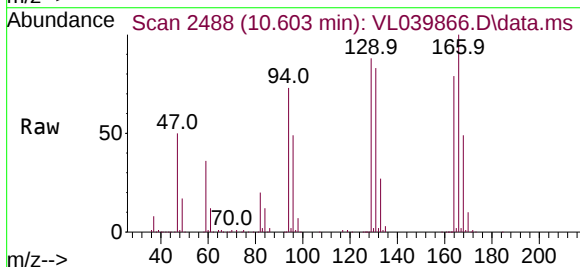
Tgt Ion: 43 Resp: 1796444
Ion Ratio Lower Upper
43 100
58 48.9 40.5 60.7
98 0.1 0.1 0.1

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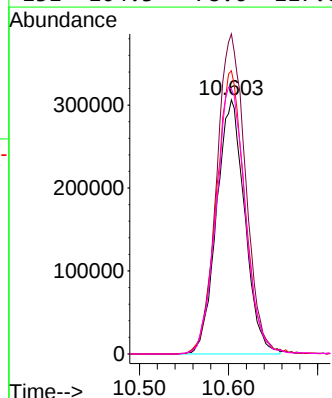
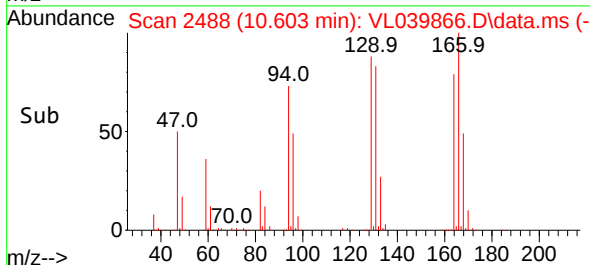
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

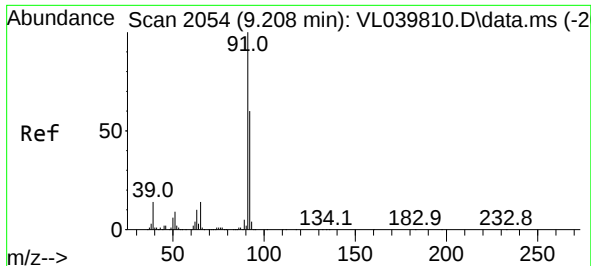


#52
Tetrachloroethene
Concen: 8.329 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



Tgt Ion:164 Resp: 671541
Ion Ratio Lower Upper
164 100
166 125.9 96.0 144.0
129 111.4 81.4 122.2
131 104.3 78.6 117.8





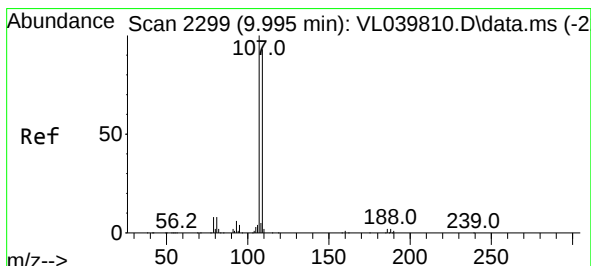
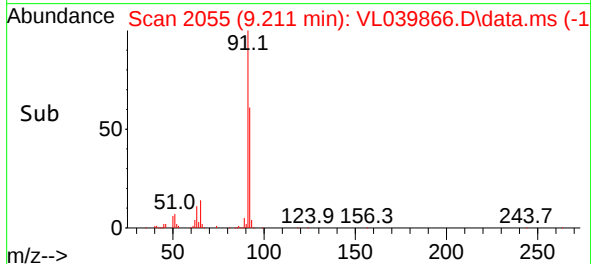
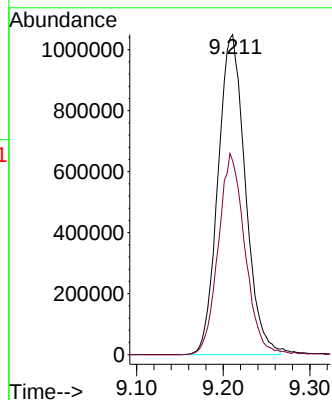
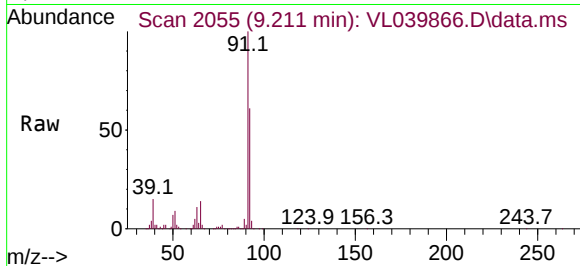
#53
Toluene
Concen: 9.311 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2298962
Ion Ratio Lower Upper
91 100
92 61.8 49.6 74.4

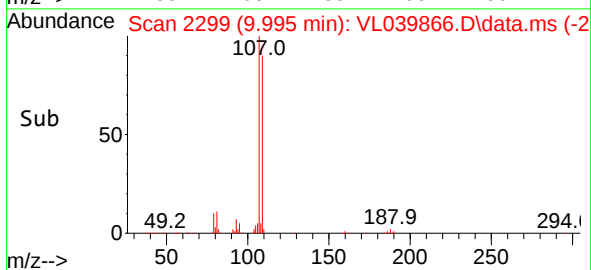
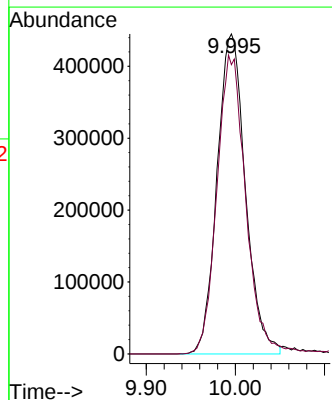
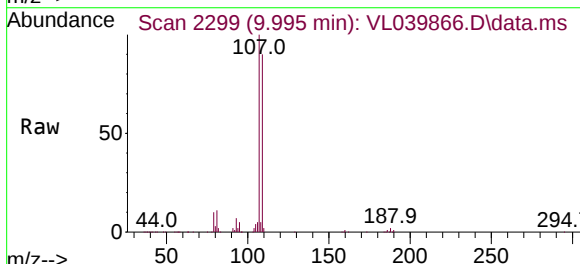
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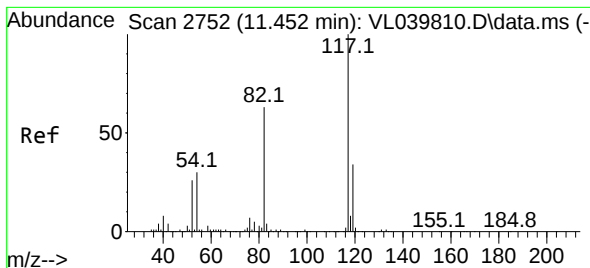
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#54
1,2-Dibromoethane
Concen: 10.433 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:107 Resp: 983125
Ion Ratio Lower Upper
107 100
109 90.3 74.5 111.7





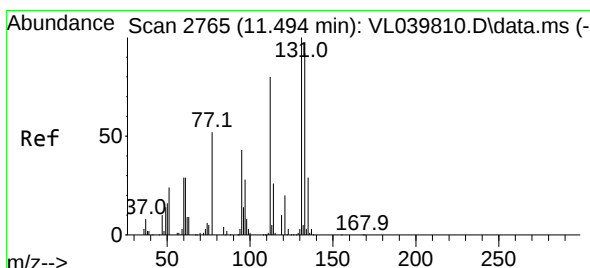
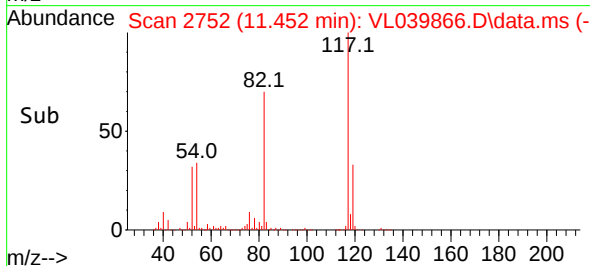
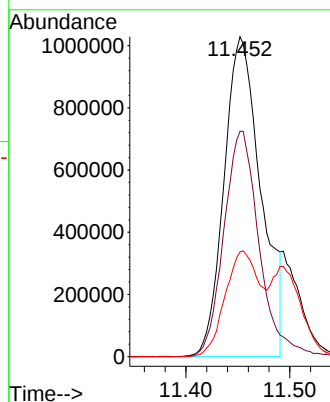
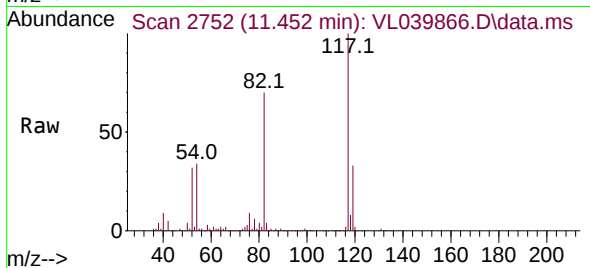
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2543058
Ion Ratio Lower Upper
117 100
82 67.6 51.0 76.6
119 29.7 24.7 37.1

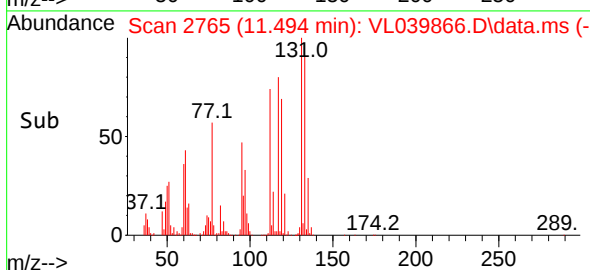
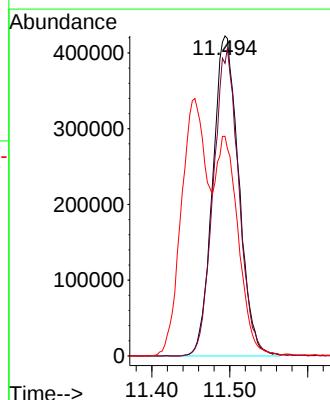
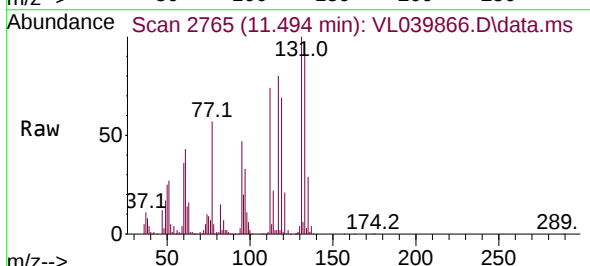
Manual Integrations
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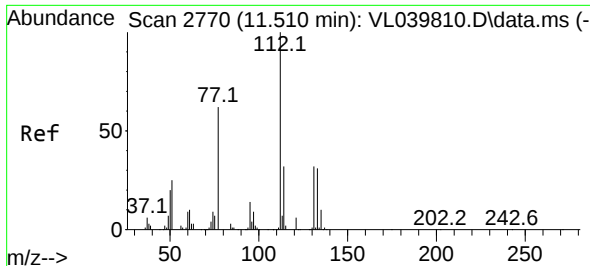
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.014 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion:131 Resp: 980006
Ion Ratio Lower Upper
131 100
133 94.5 76.9 115.3
119 63.1 52.2 78.2





#57

Chlorobenzene

Concen: 8.599 ppbv

RT: 11.516 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 1658766

Ion Ratio Lower Upper

112 100

77 74.5 49.8 74.6

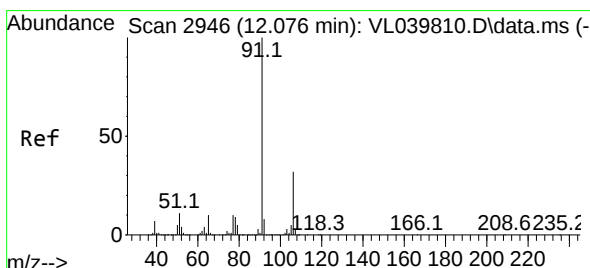
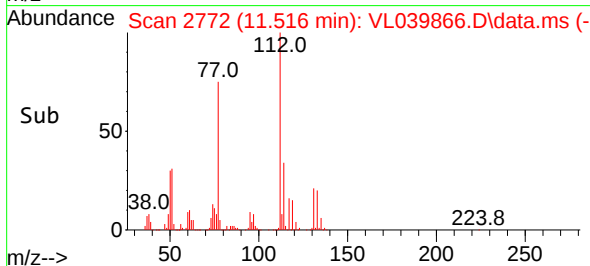
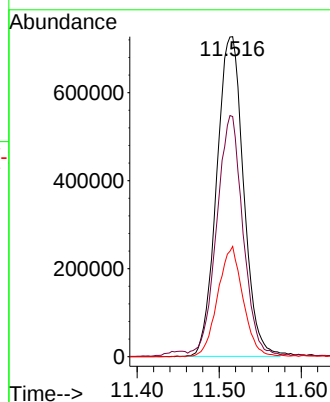
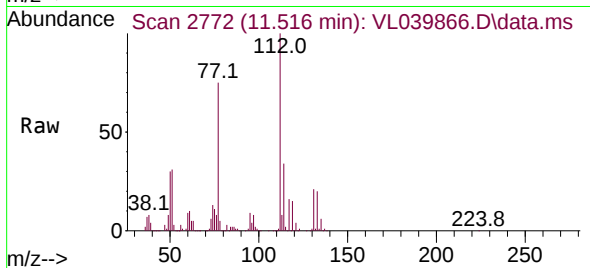
114 34.5 29.0 35.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#58

Ethyl Benzene

Concen: 9.136 ppbv

RT: 12.076 min Scan# 2946

Delta R.T. 0.000 min

Lab File: VL039866.D

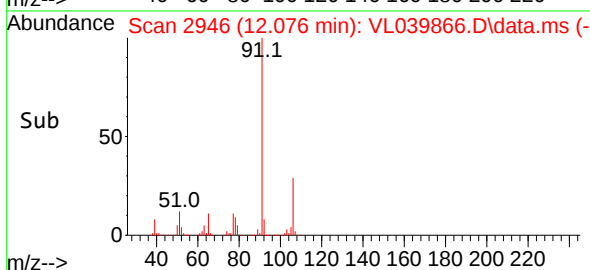
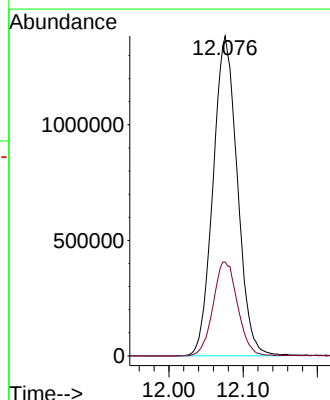
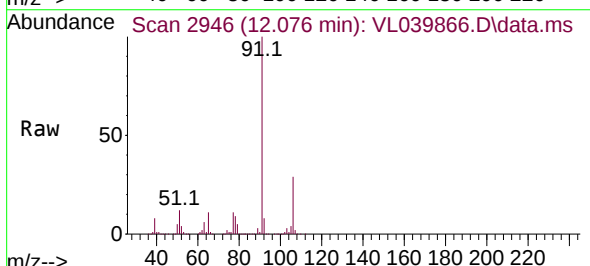
Acq: 10 Nov 2022 15:53

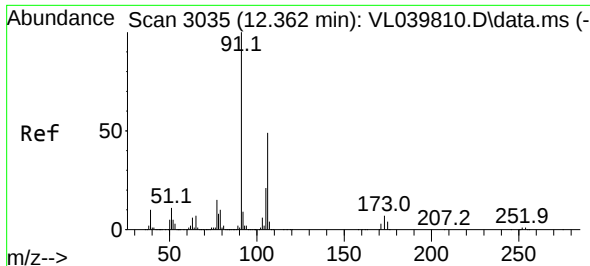
Tgt Ion: 91 Resp: 3141455

Ion Ratio Lower Upper

91 100

106 29.3 25.9 38.9





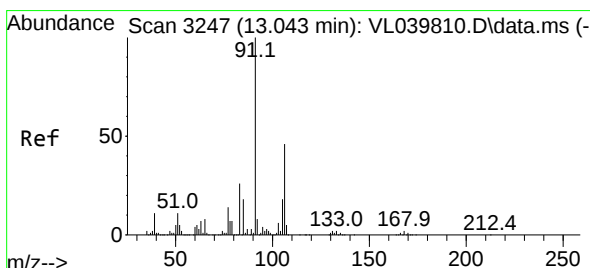
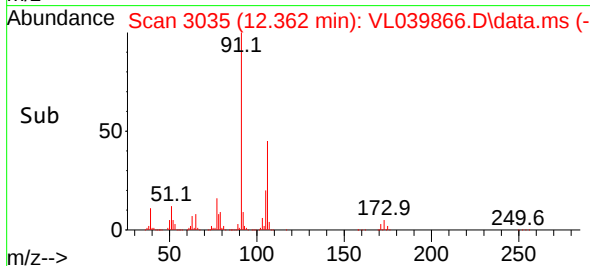
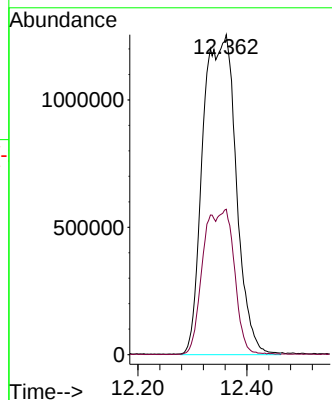
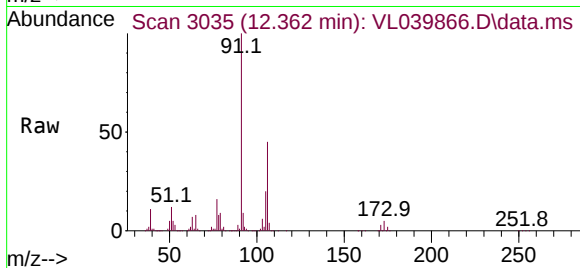
#59
m/p-Xylene
Concen: 18.467 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 530042
Ion Ratio Lower Upper
91 100
106 42.8 37.6 56.4

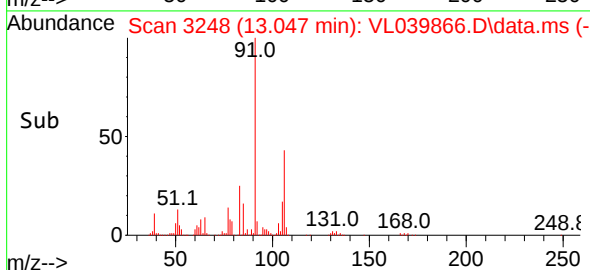
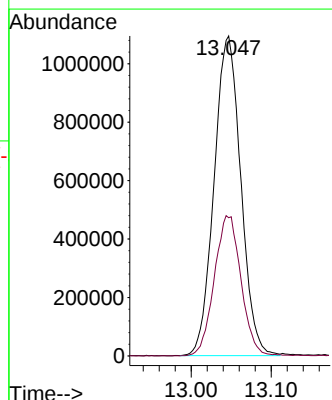
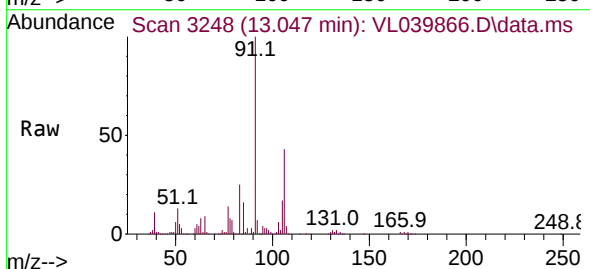
Manual Integrations
APPROVED

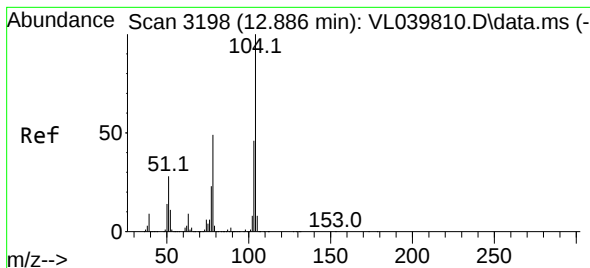
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#60
o-Xylene
Concen: 9.344 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Tgt Ion: 91 Resp: 2540870
Ion Ratio Lower Upper
91 100
106 44.1 23.6 70.8





#61

Styrene

Concen: 8.862 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. 0.000 min

Lab File: VL039866.D

Acq: 10 Nov 2022 15:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1482859

Ion Ratio Lower Upper

104 100

78 56.4 40.2 60.2

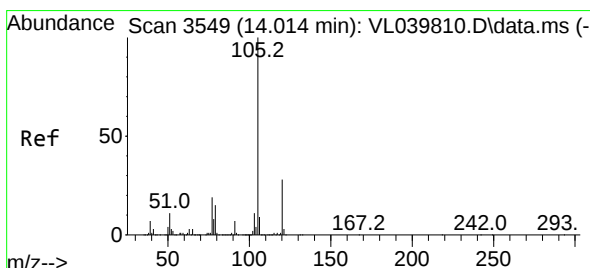
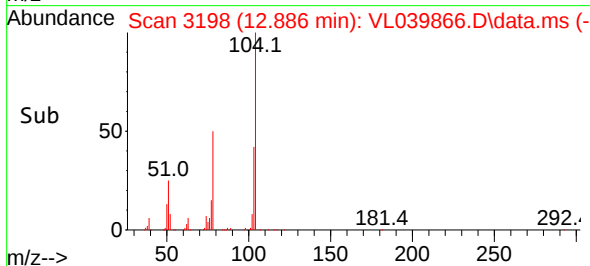
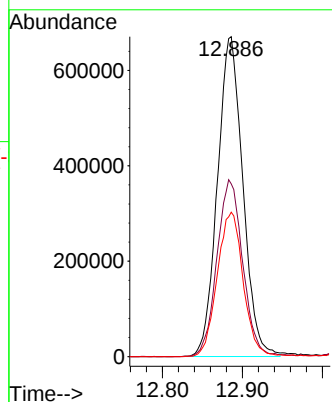
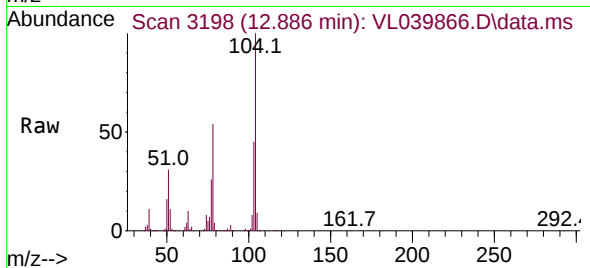
103 46.2 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#62

Isopropylbenzene

Concen: 9.010 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.003 min

Lab File: VL039866.D

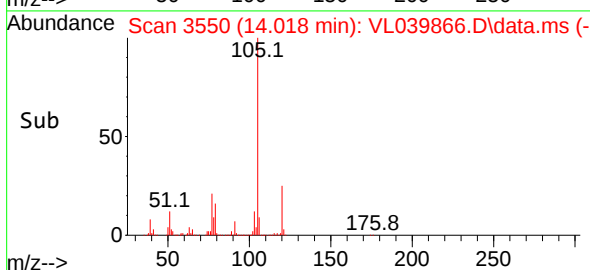
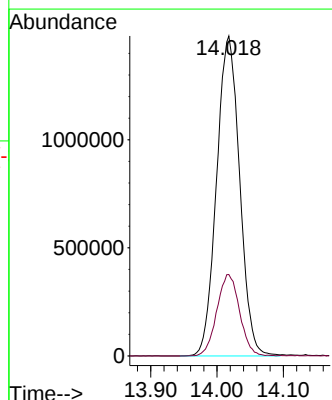
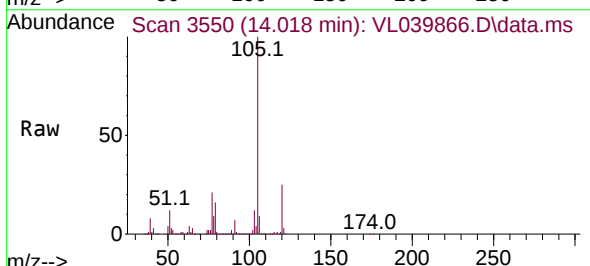
Acq: 10 Nov 2022 15:53

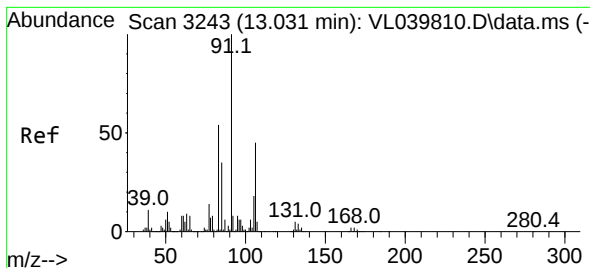
Tgt Ion:105 Resp: 3574056

Ion Ratio Lower Upper

105 100

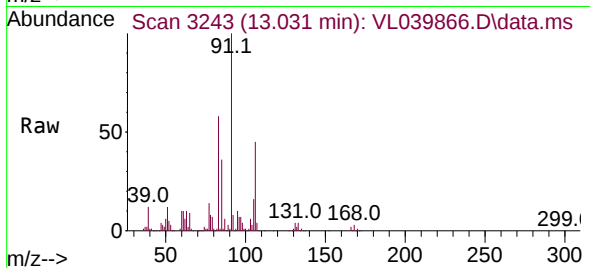
120 25.1 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.128 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

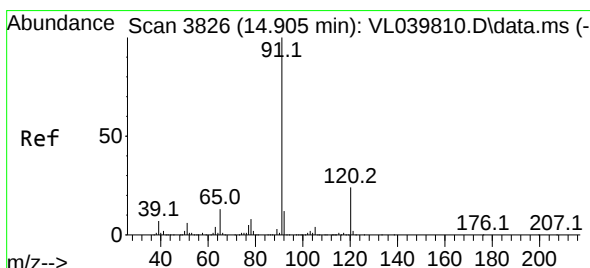
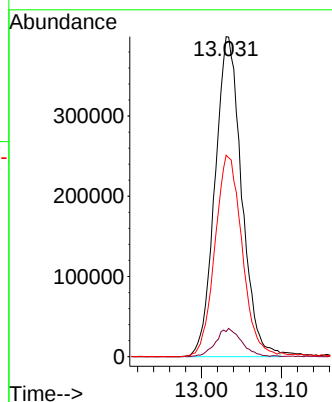
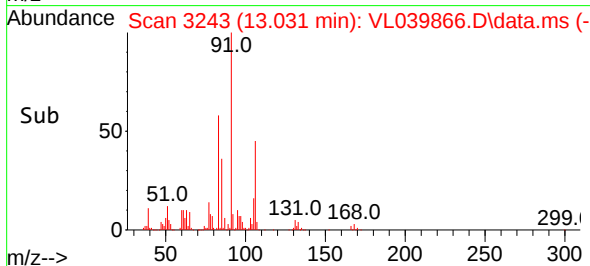
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



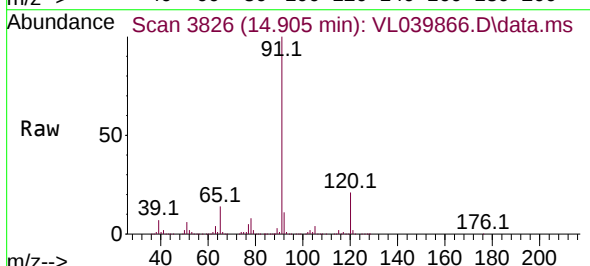
Tgt Ion: 83 Resp: 924320
Ion Ratio Lower Upper
83 100
131 8.7 4.6 13.8
85 65.2 33.3 99.9

Manual Integrations
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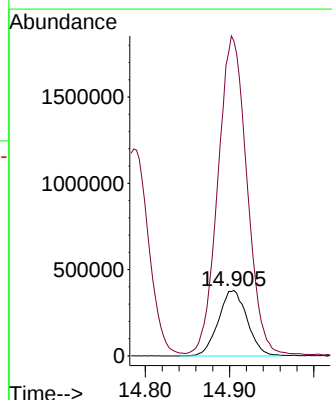
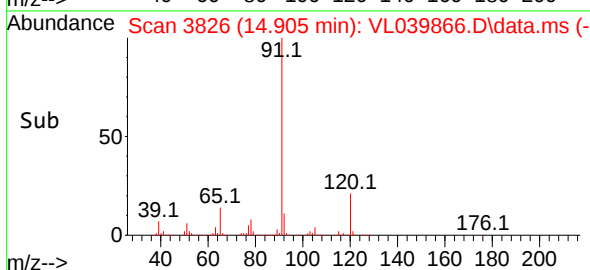
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

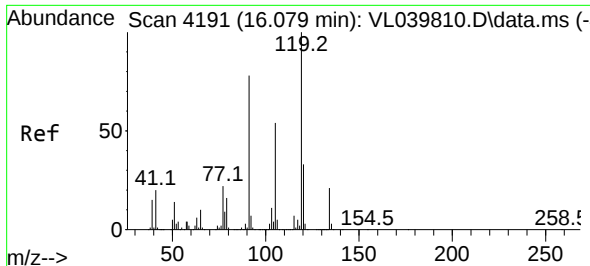


#64
n-propylbenzene
Concen: 8.478 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



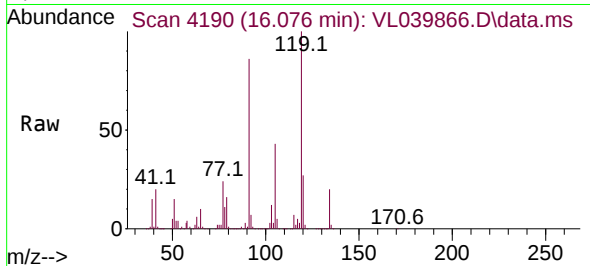
Tgt Ion:120 Resp: 899592
Ion Ratio Lower Upper
120 100
91 498.9 354.9 532.3





#65
tert-Butylbenzene
Concen: 8.801 ppbv
RT: 16.076 min Scan# 4191
Delta R.T. -0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

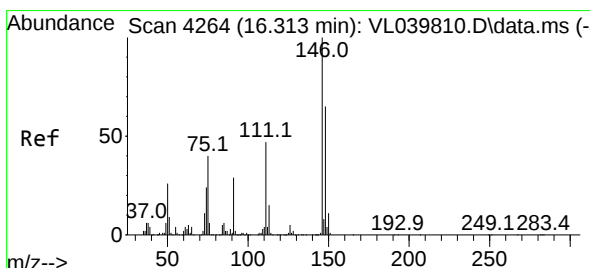
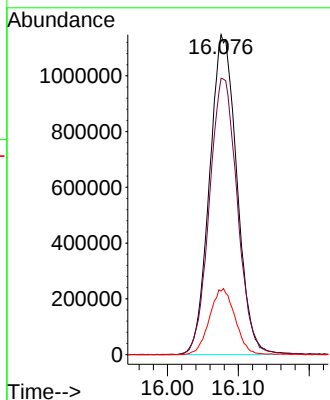
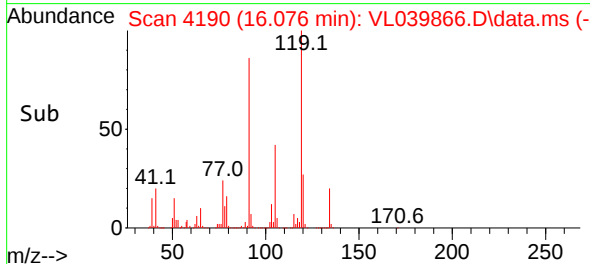
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



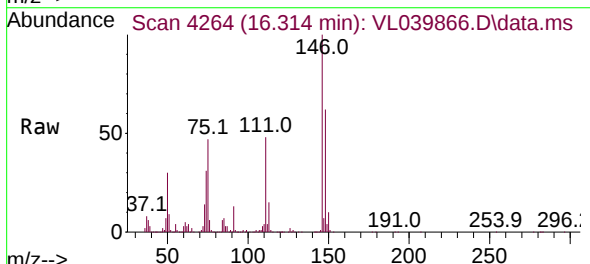
Tgt Ion:119 Resp: 3065398
Ion Ratio Lower Upper
119 100
91 88.7 63.7 95.5
134 19.3 16.2 24.4

Manual Integrations
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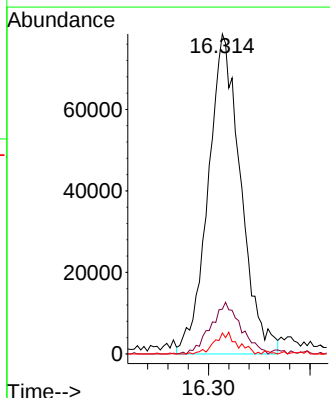
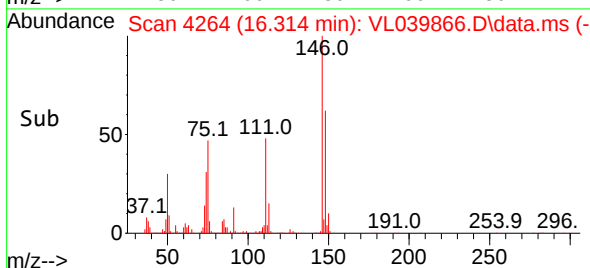
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

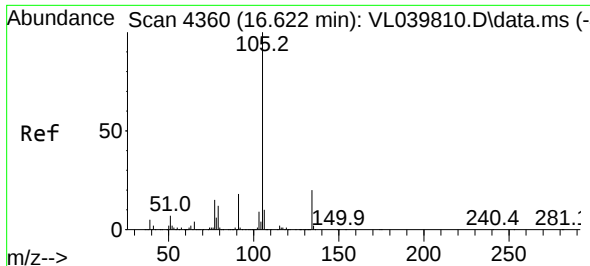


#66
Benzyl Chloride
Concen: 4.321 ppbv m
RT: 16.314 min Scan# 4264
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



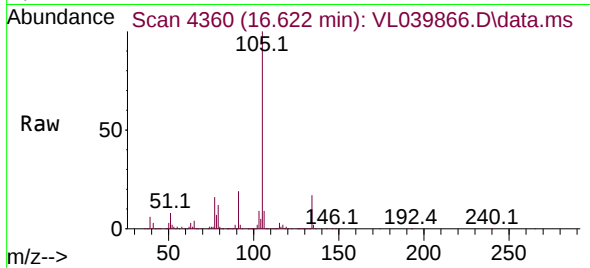
Tgt Ion: 91 Resp: 174975
Ion Ratio Lower Upper
91 100
126 15.6 15.6 23.4
128 5.2 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 9.339 ppbv
 RT: 16.622 min Scan# 4360
 Delta R.T. 0.000 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53

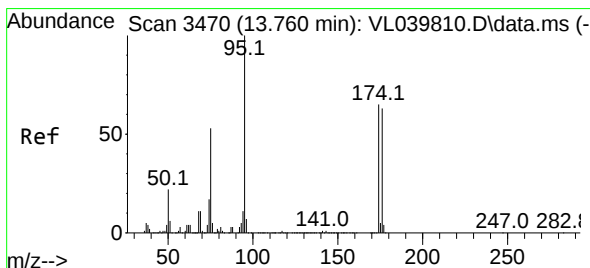
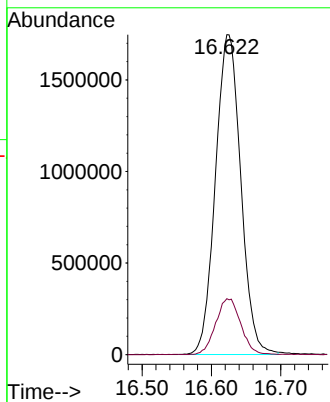
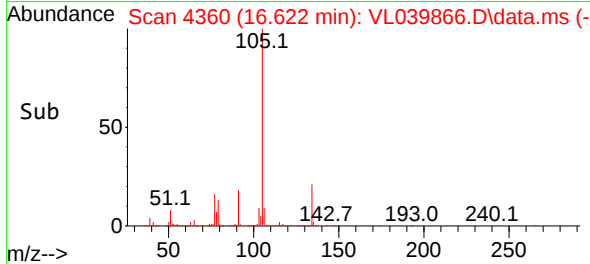
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



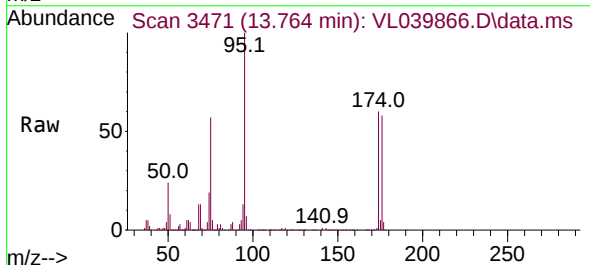
Tgt Ion:105 Resp: 442786
 Ion Ratio Lower Upper
 105 100
 134 17.4 15.1 22.7

Manual Integrations
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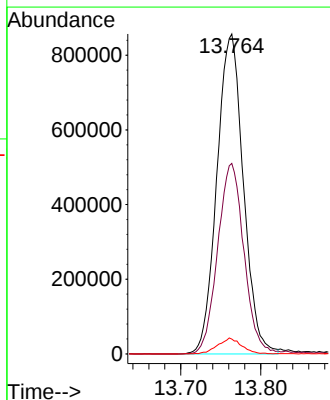
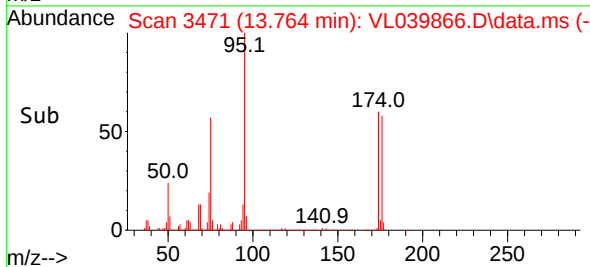
Reviewed By :Semsettin Yesilyurt 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

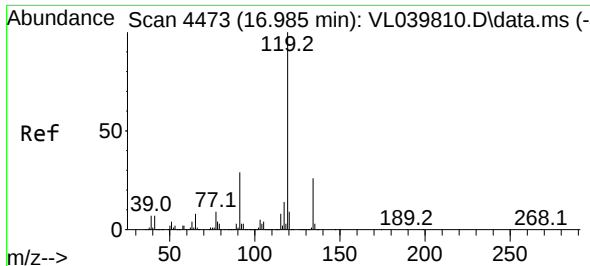


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.372 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.003 min
 Lab File: VL039866.D
 Acq: 10 Nov 2022 15:53



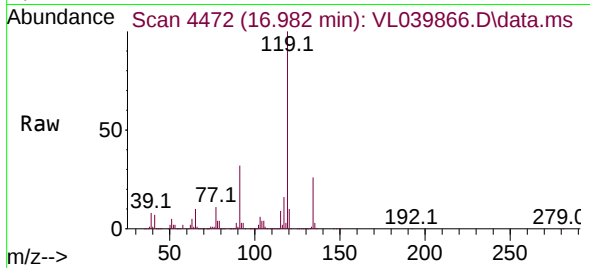
Tgt Ion: 95 Resp: 1974186
 Ion Ratio Lower Upper
 95 100
 174 59.6 53.4 80.0
 175 4.5 4.1 6.1





#69
p-Isopropyltoluene
Concen: 8.858 ppbv
RT: 16.982 min Scan# 4473
Delta R.T. -0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

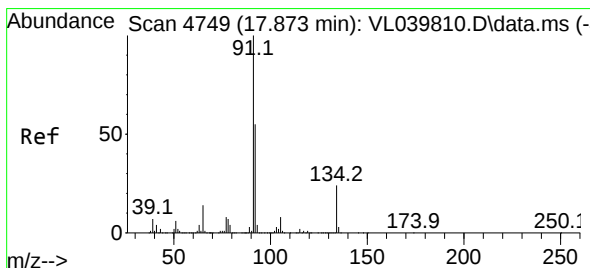
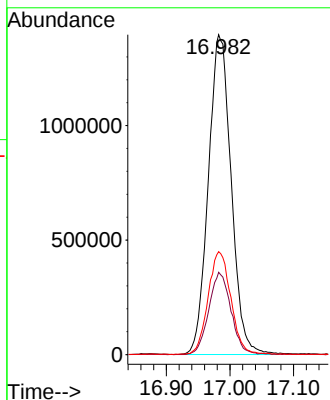
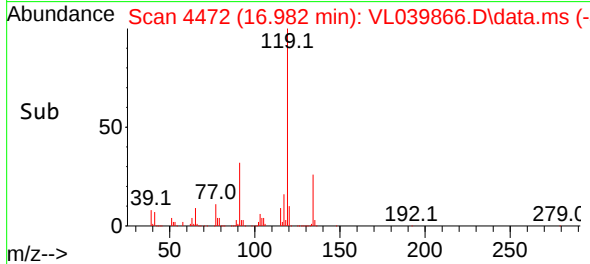
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



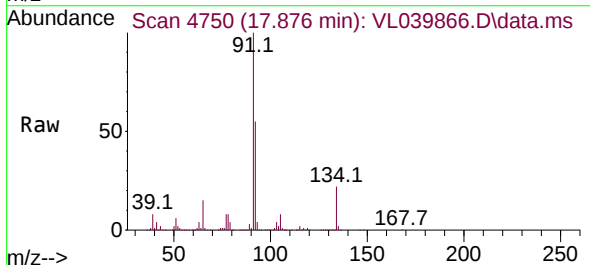
Tgt Ion: 119 Resp: 3483558
Ion Ratio Lower Upper
119 100
134 25.1 21.0 31.6
91 32.0 22.8 34.2

Manual Integrations
APPROVED

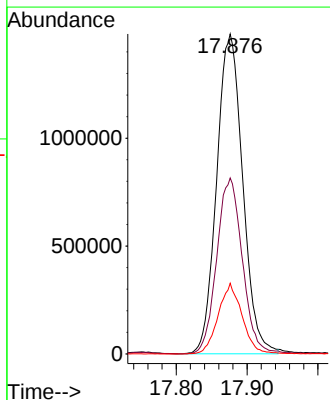
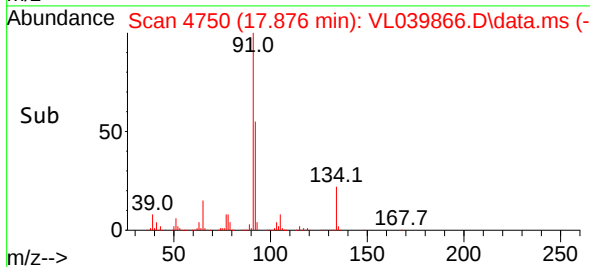
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

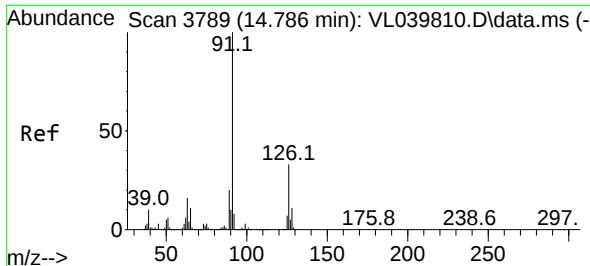


#70
n-Butylbenzene
Concen: 9.961 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



Tgt Ion: 91 Resp: 3786957
Ion Ratio Lower Upper
91 100
92 54.1 44.1 66.1
134 20.3 19.0 28.6





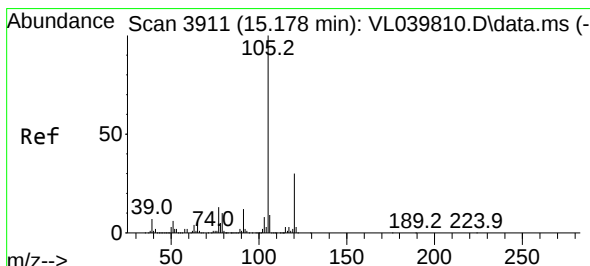
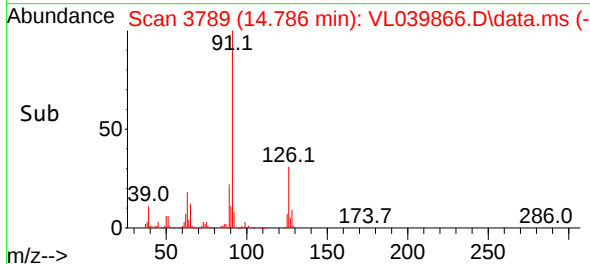
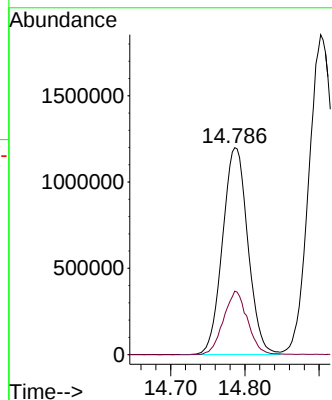
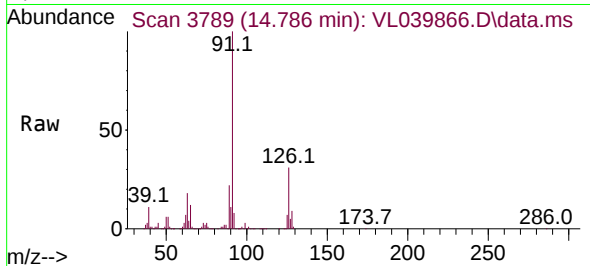
#71
2-Chlorotoluene
Concen: 9.542 ppbv
RT: 14.786 min Scan# 3789
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 284413
Ion Ratio Lower Upper
91 100
126 29.2 12.9 51.5

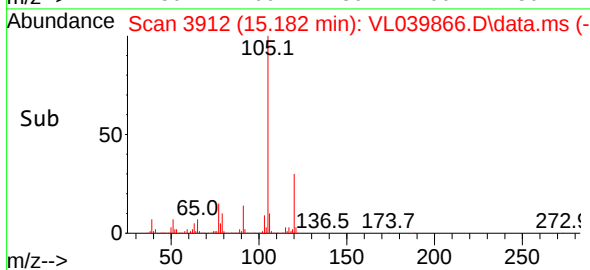
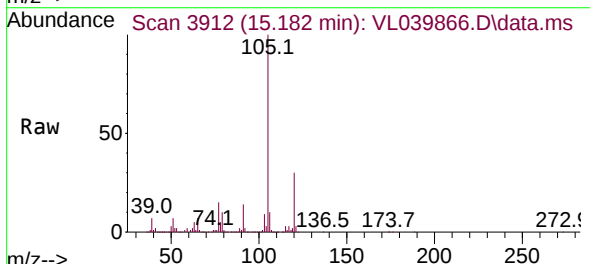
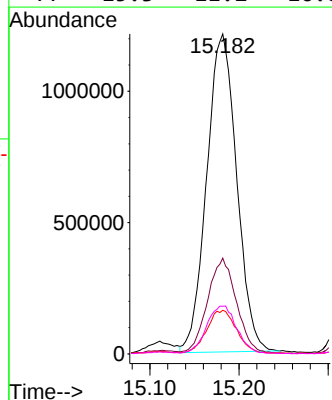
Manual Integrations
APPROVED

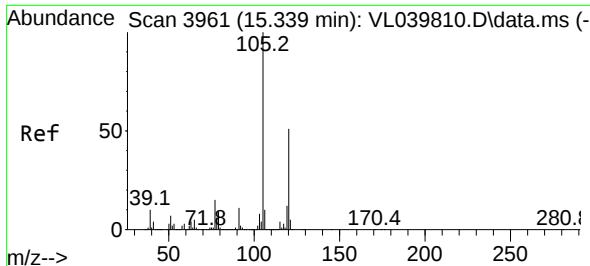
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#72
4-Ethyltoluene
Concen: 9.249 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

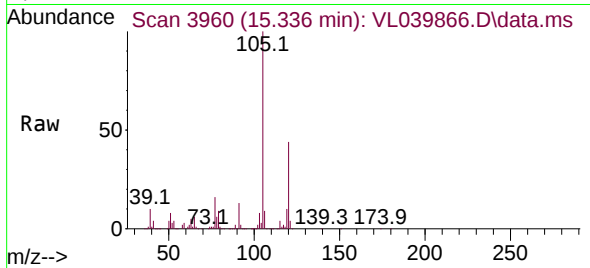
Tgt Ion:105 Resp: 2832132
Ion Ratio Lower Upper
105 100
120 29.3 26.0 39.0
91 13.9 10.5 15.7
77 15.3 11.2 16.8





#73
1,3,5-Trimethylbenzene
Concen: 9.453 ppbv
RT: 15.336 min Scan# 3961
Delta R.T. -0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

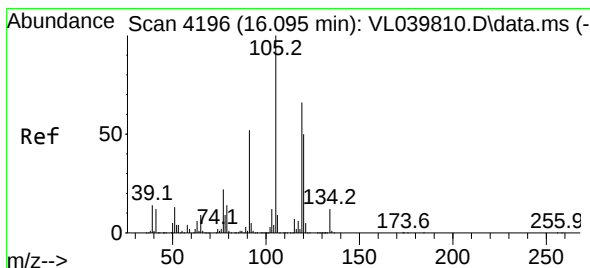
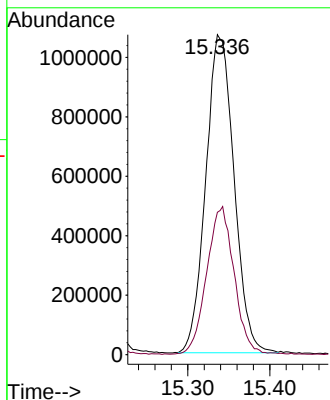
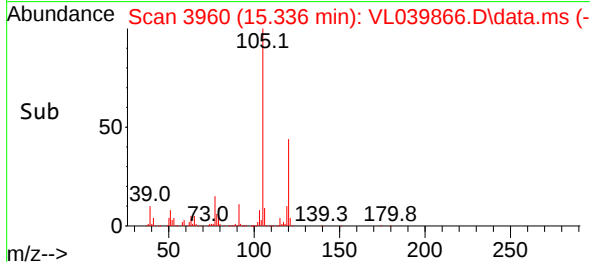
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



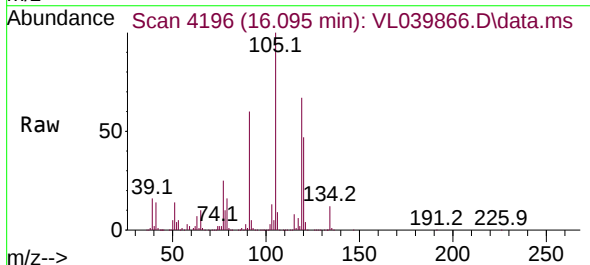
Tgt Ion:105 Resp: 2566093
Ion Ratio Lower Upper
105 100
120 44.4 41.0 61.4

Manual Integrations
APPROVED

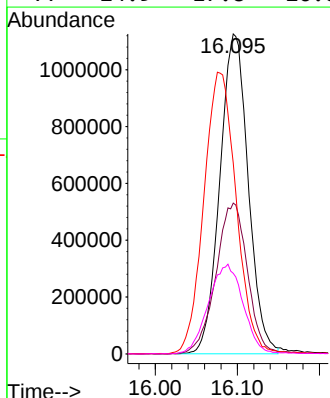
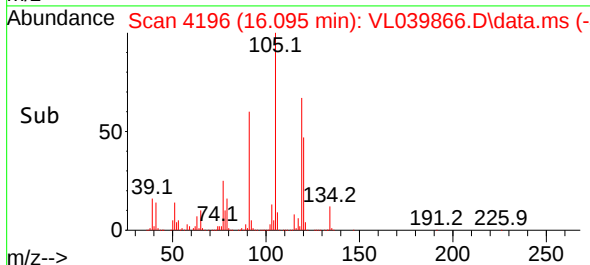
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

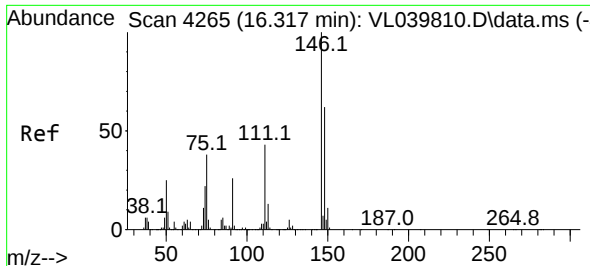


#74
1,2,4-Trimethylbenzene
Concen: 9.378 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



Tgt Ion:105 Resp: 2704593
Ion Ratio Lower Upper
105 100
120 47.0 40.2 60.4
91 58.9 42.6 64.0
77 24.9 17.8 26.8





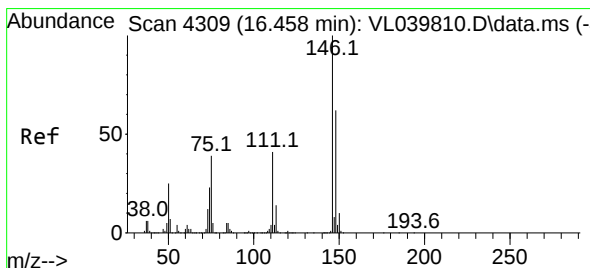
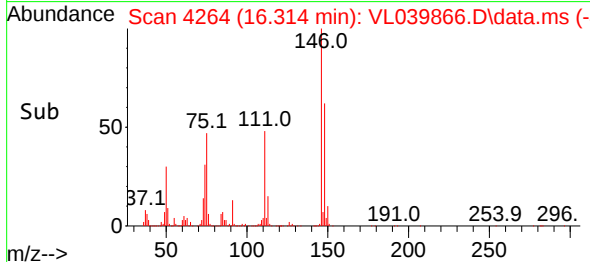
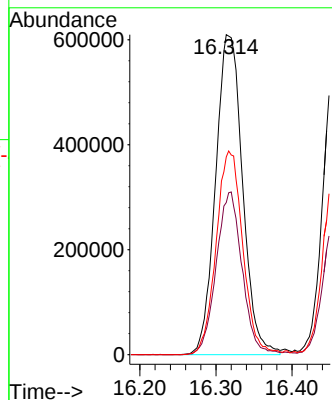
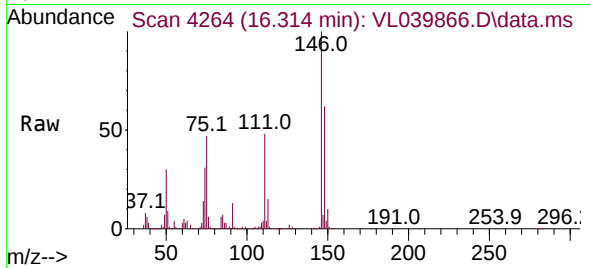
#75
1,3-Dichlorobenzene
Concen: 8.918 ppbv
RT: 16.314 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1501690
Ion Ratio Lower Upper
146 100
111 49.0 22.9 68.8
148 63.0 32.3 96.9

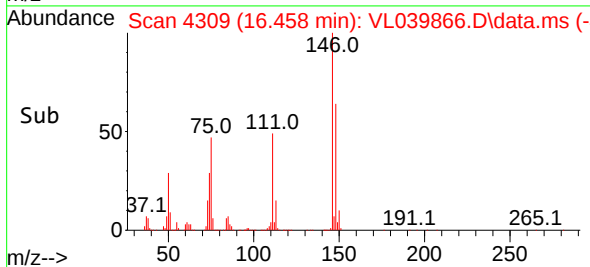
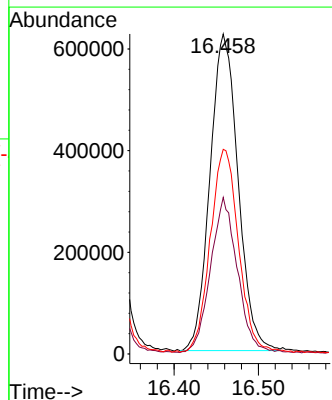
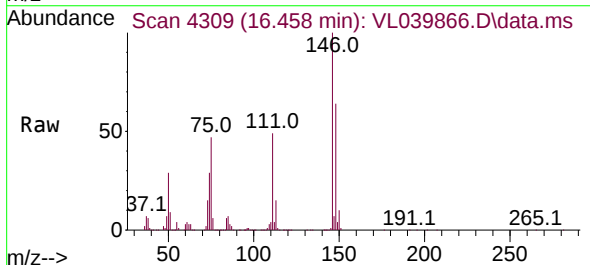
Manual Integrations
APPROVED

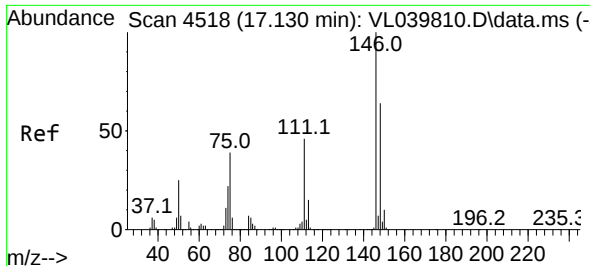
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#76
1,4-Dichlorobenzene
Concen: 8.746 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

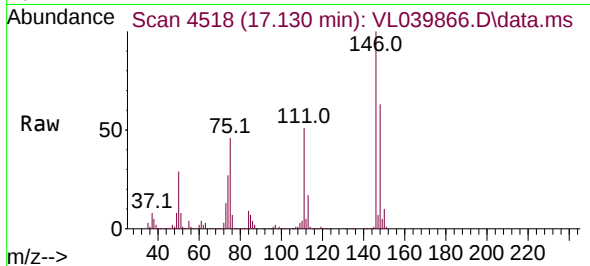
Tgt Ion:146 Resp: 1445223
Ion Ratio Lower Upper
146 100
111 48.4 22.7 68.1
148 66.6 33.1 99.3





#77
1,2-Dichlorobenzene
Concen: 9.247 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

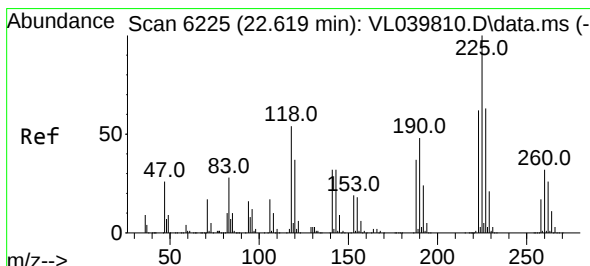
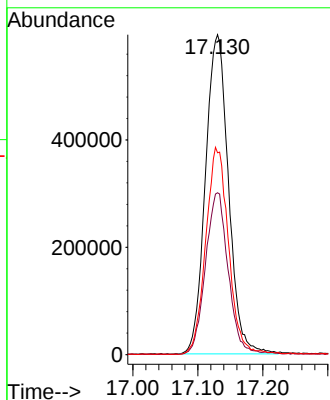
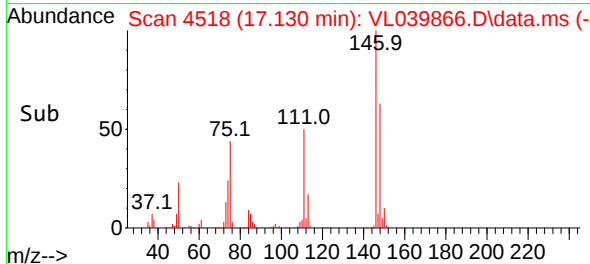
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



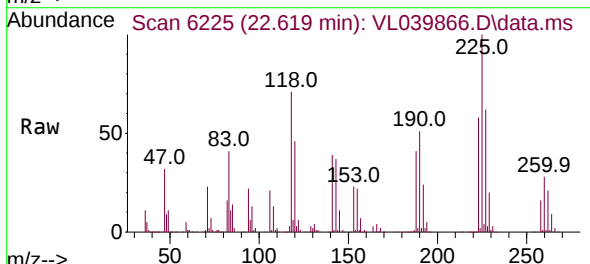
Tgt Ion:146 Resp: 1467934
Ion Ratio Lower Upper
146 100
111 50.4 23.9 71.8
148 63.9 32.4 97.2

Manual Integrations
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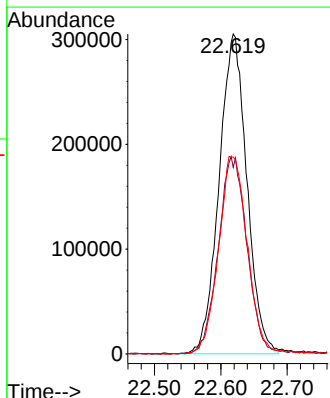
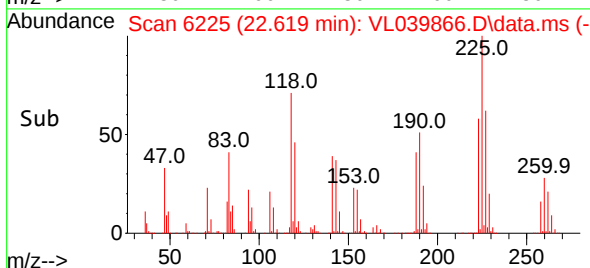
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

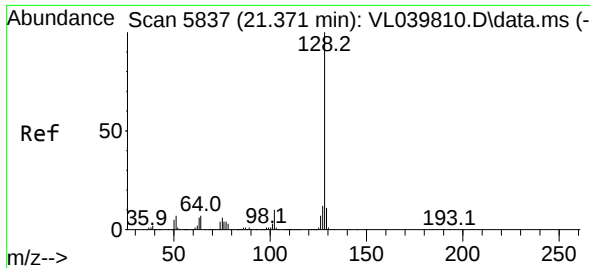


#78
Hexachloro-1,3-Butadiene
Concen: 7.540 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



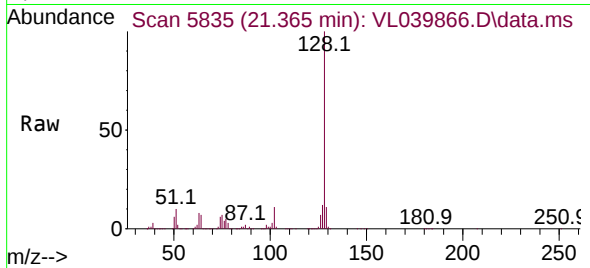
Tgt Ion:225 Resp: 886879
Ion Ratio Lower Upper
225 100
223 64.3 50.6 75.8
227 64.3 51.6 77.4





#79
Naphthalene
Concen: 8.780 ppbv
RT: 21.365 min Scan# 5835
Delta R.T. -0.006 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

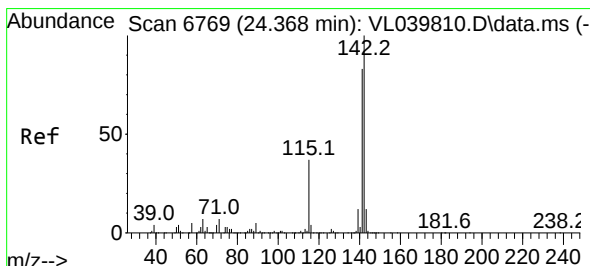
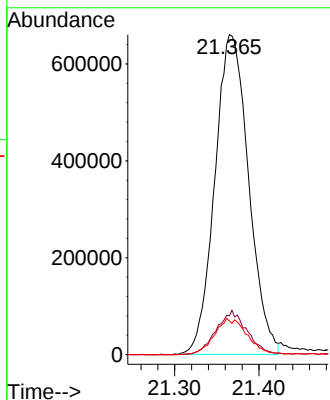
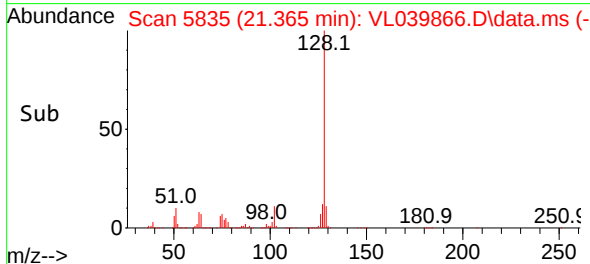
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



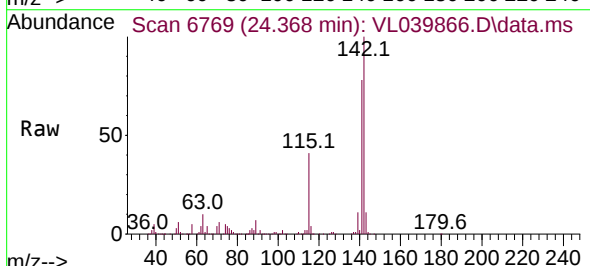
Tgt Ion:128 Resp: 1840915
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 10.5 8.6 13.0

Manual Integrations
APPROVED

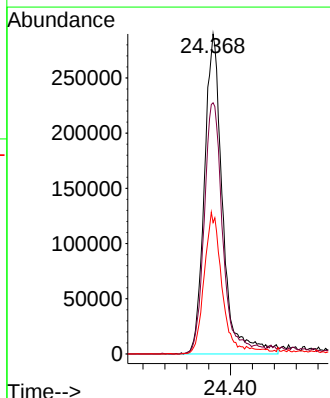
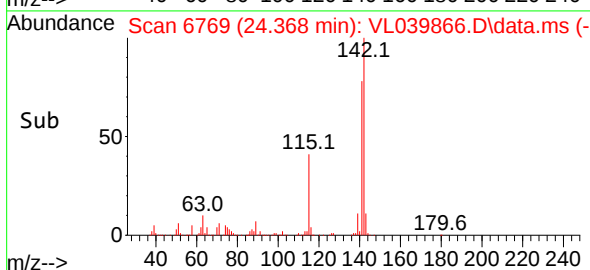
Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

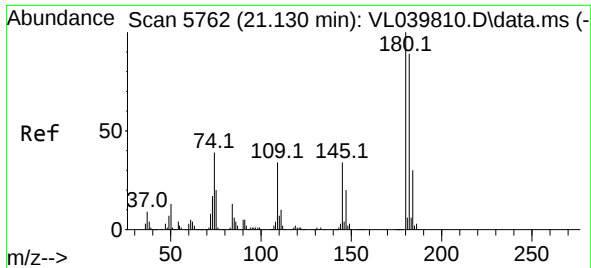


#80
Naphthalene,2-methyl-
Concen: 7.530 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.000 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53



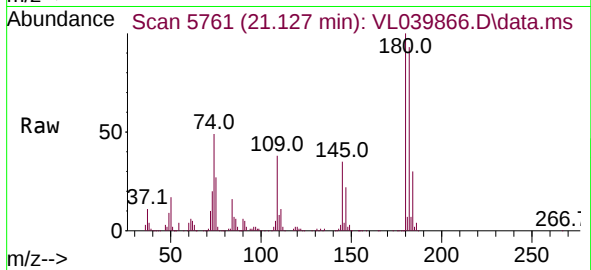
Tgt Ion:142 Resp: 669380
Ion Ratio Lower Upper
142 100
141 81.7 65.1 97.7
115 44.4 29.1 43.7#





#81
1,2,4-Trichlorobenzene
Concen: 8.611 ppbv
RT: 21.127 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL039866.D
Acq: 10 Nov 2022 15:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1009968
Ion Ratio Lower Upper
180 100
182 98.0 78.1 117.1
184 30.8 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

