

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039899.D
 Acq On : 18 Nov 2022 10:40
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 11:22:26 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 19 2022

QLast Update : Fri Nov 18 11:17:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1246207	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3828387	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3506226	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 2675324 10.194 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.709	85	132483	0.630	ppbv	98
3) Chlorodifluoromethane	2.655	51	88993	0.599	ppbv	99
4) Chloromethane	2.796	50	55795	0.603	ppbv #	85
5) Vinyl Chloride	2.902	62	42053	0.562	ppbv #	71
6) Bromomethane	3.102	94	13065	0.489	ppbv	96
7) Chloroethane	3.179	64	18112	0.645	ppbv	92
8) Dichlorotetrafluoroethane	2.838	85	107059	0.597	ppbv	99
9) Propene	2.674	41	44435	0.574	ppbv	95
10) Heptane	7.571	43	92988	0.501	ppbv	92
11) Trichlorofluoromethane	3.545	101	108909	0.635	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.047	101	81205	0.655	ppbv	99
13) Ethanol	3.240	45	3293m	0.602	ppbv	
14) Bromoethene	3.346	108	30334	0.547	ppbv #	88
15) Acetone	3.465	43	80160	0.528	ppbv #	87
16) 1,3-Butadiene	2.967	39	36581	0.519	ppbv	89
17) tert-Butyl alcohol	3.883	59	93891	0.650	ppbv	95
18) 1,1-Dichloroethene	3.861	96	37296	0.656	ppbv	97
19) Isopropyl Alcohol	3.584	45	45570	0.607	ppbv #	32
20) Methylene Chloride	3.912	84	45165m	0.832	ppbv	
21) Allyl Chloride	3.976	41	51702	0.539	ppbv	94
22) trans-1,2-Dichloroethene	4.430	96	38085	0.660	ppbv	92
23) Vinyl Acetate	4.619	43	34582m	0.572	ppbv	
24) 1,1-Dichloroethane	4.545	63	83450m	0.676	ppbv	
25) Ethyl Acetate	5.198	43	148642	0.476	ppbv	96
26) Hexane	5.198	57	64690	0.464	ppbv	95
27) Carbon Disulfide	4.108	76	65346	0.447	ppbv #	58
28) Methyl tert-Butyl Ether	4.587	73	80751	0.640	ppbv	98
29) Chloroform	5.259	83	102419	0.523	ppbv	93
30) Cyclohexane	6.587	84	66969m	0.575	ppbv	
31) cis-1,2-Dichloroethene	5.063	61	58263	0.459	ppbv	96
32) 1,1,1-Trichloroethane	5.989	97	105044	0.539	ppbv	95
34) 2-Butanone	4.790	43	84684	0.536	ppbv	94
35) Carbon Tetrachloride	6.481	117	100534	0.451	ppbv	91
36) Benzene	6.359	78	155349m	0.481	ppbv	
37) 1,2-Dichloroethane	5.790	62	85523	0.552	ppbv	99
38) Trichloroethene	7.278	130	87245	0.505	ppbv	93
39) 1,2-Dichloropropane	7.060	63	62707	0.498	ppbv #	84
40) 1,4-Dioxane	7.311	88	24506m	0.509	ppbv	
41) Tetrahydrofuran	5.574	42	59074	0.448	ppbv	98
42) Bromodichloromethane	7.240	83	102973	0.416	ppbv #	88
43) Methyl Methacrylate	7.468	69	56930m	0.446	ppbv	
44) 2,2,4-Trimethylpentane	7.314	57	273881	0.502	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	46489m	0.380	ppbv	

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Instrument :
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Manual Integrations
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 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 11:22:26 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

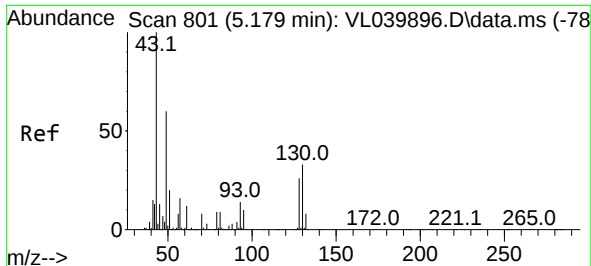
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 18 2022

QLast Update : Fri Nov 18 11:17:48 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	70145	0.420	ppbv	91
47) 1,1,2-Trichloroethane	8.889	97	64017m	0.502	ppbv	
48) Dibromochloromethane	9.703	129	69332	0.319	ppbv	95
49) Bromoform	12.404	173	53473m	0.306	ppbv	
50) 4-Methyl-2-Pentanone	8.195	43	150029	0.464	ppbv	98
51) 2-Hexanone	9.574	43	116170m	0.461	ppbv	
52) Tetrachloroethene	10.609	164	56484m	0.467	ppbv	
53) Toluene	9.211	91	176647	0.477	ppbv	97
54) 1,2-Dibromoethane	10.002	107	62721	0.444	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	68271m	0.455	ppbv	
57) Chlorobenzene	11.516	112	133737	0.503	ppbv #	84
58) Ethyl Benzene	12.089	91	241695	0.510	ppbv	99
59) m/p-Xylene	12.349	91	404555m	1.022	ppbv	
60) o-Xylene	13.063	91	188295	0.502	ppbv	97
61) Styrene	12.899	104	103997	0.451	ppbv	96
62) Isopropylbenzene	14.031	105	281586m	0.515	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.053	83	60367	0.432	ppbv	100
64) n-propylbenzene	14.924	120	71396m	0.488	ppbv	
65) tert-Butylbenzene	16.098	119	242668	0.505	ppbv	97
66) Benzyl Chloride	16.339	91	15308m	0.274	ppbv	
67) sec-Butylbenzene	16.641	105	334517	0.512	ppbv	99
69) p-Isopropyltoluene	17.008	119	274815m	0.507	ppbv	
70) n-Butylbenzene	17.899	91	268962m	0.513	ppbv	
71) 2-Chlorotoluene	14.809	91	215943m	0.525	ppbv	
72) 4-Ethyltoluene	15.198	105	199830	0.473	ppbv	97
73) 1,3,5-Trimethylbenzene	15.355	105	202488m	0.541	ppbv	
74) 1,2,4-Trimethylbenzene	16.108	105	203687	0.512	ppbv #	82
75) 1,3-Dichlorobenzene	16.339	146	107528	0.463	ppbv	94
76) 1,4-Dichlorobenzene	16.484	146	116601m	0.512	ppbv	
77) 1,2-Dichlorobenzene	17.149	146	115006m	0.525	ppbv	
78) Hexachloro-1,3-Butadiene	22.657	225	83445m	0.515	ppbv	
79) Naphthalene	21.410	128	112673m	0.390	ppbv	
80) Naphthalene,2-methyl-	24.406	142	26514m	0.216	ppbv	
81) 1,2,4-Trichlorobenzene	21.165	180	70655m	0.437	ppbv	

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



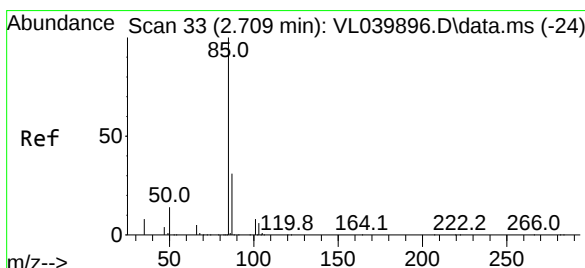
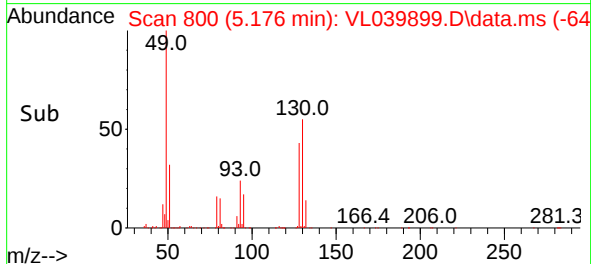
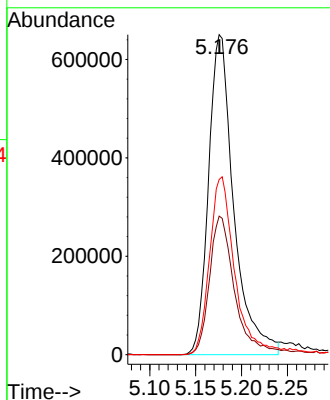
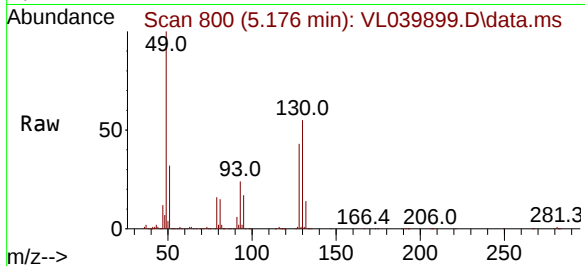
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 124620
Ion Ratio Lower Upper
49 100
128 44.9 22.1 66.3
130 57.0 27.7 83.1

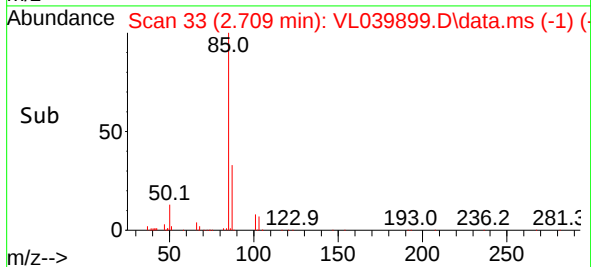
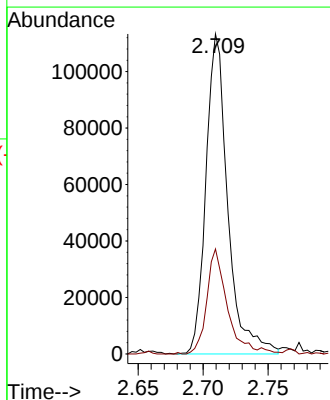
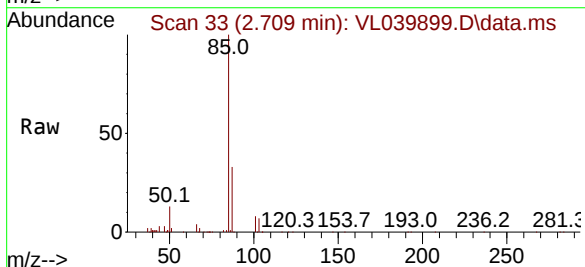
Manual Integrations
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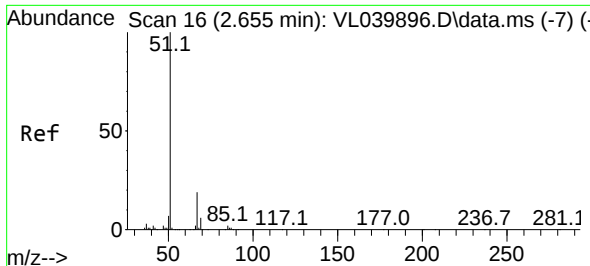
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#2
Dichlorodifluoromethane
Concen: 0.630 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion: 85 Resp: 132483
Ion Ratio Lower Upper
85 100
87 32.3 25.0 37.4





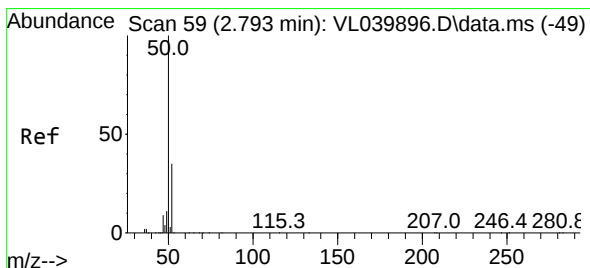
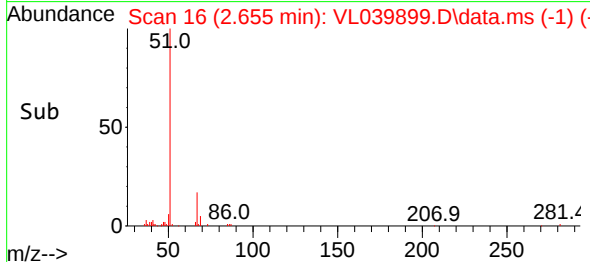
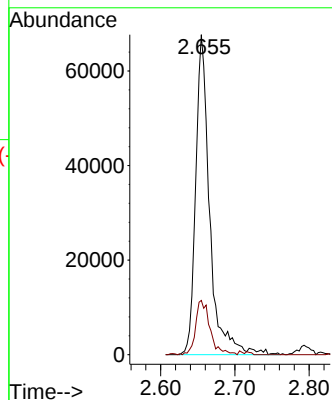
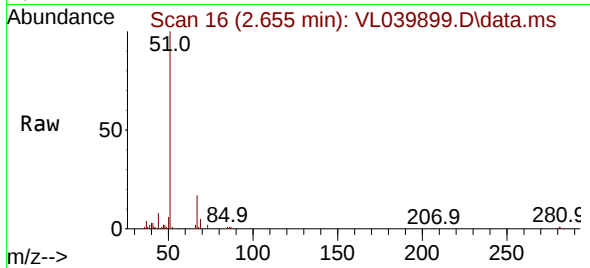
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Chlorodifluoromethane
Concen: 0.599 ppbv
RT: 2.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 51 Resp: 8899
Ion Ratio Lower Upper
51 100
67 17.4 14.2 21.4

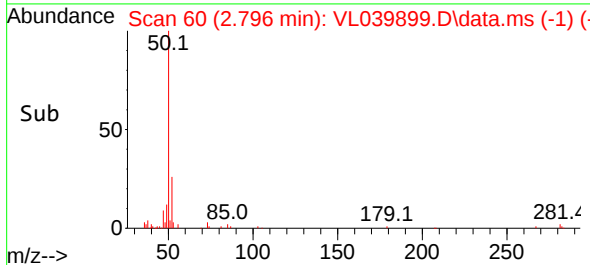
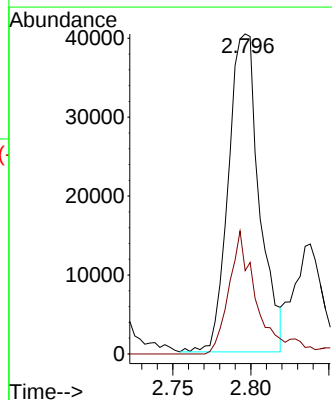
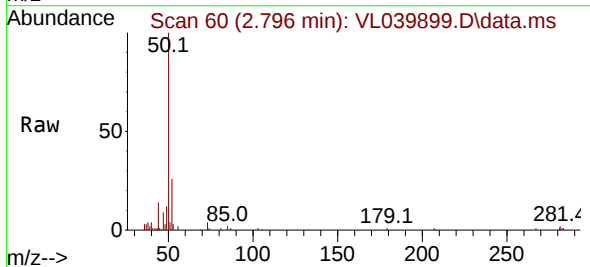
Manual Integrations
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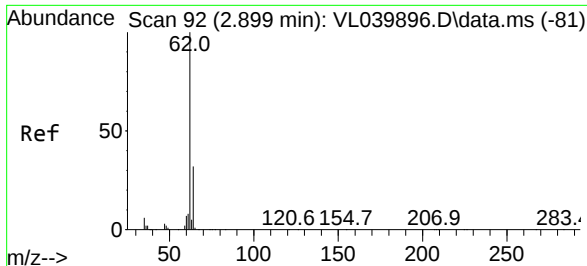
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#4
Chloromethane
Concen: 0.603 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion: 50 Resp: 55795
Ion Ratio Lower Upper
50 100
52 26.4 27.8 41.8#





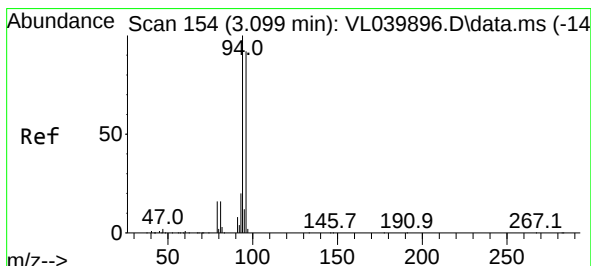
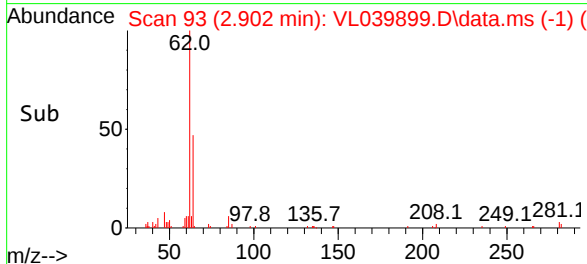
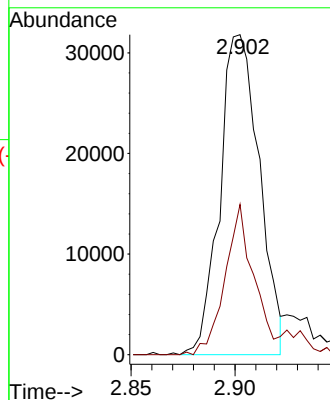
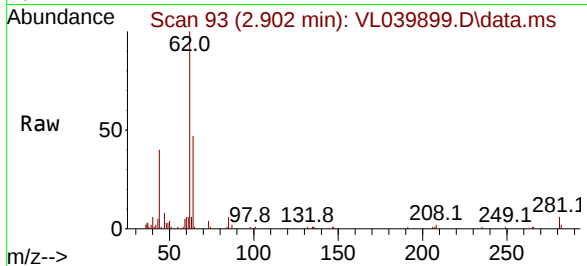
#5
 Vinyl Chloride
 Concen: 0.562 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 4205
 Ion Ratio Lower Upper
 62 100
 64 48.3 25.7 38.5

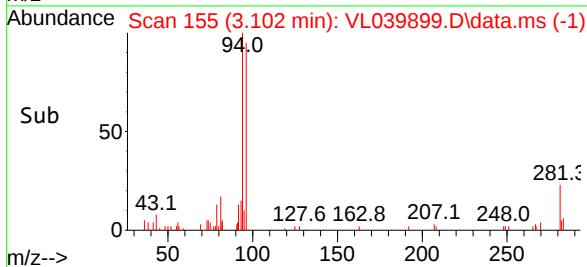
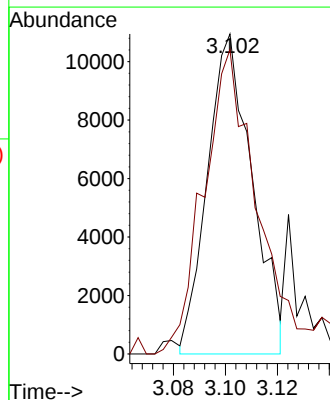
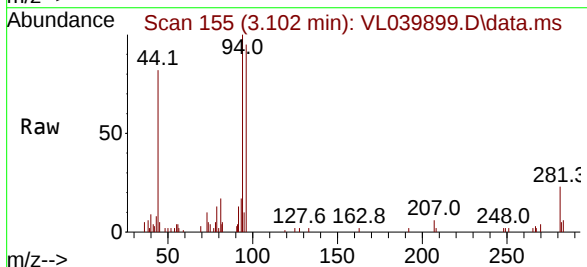
Manual Integrations
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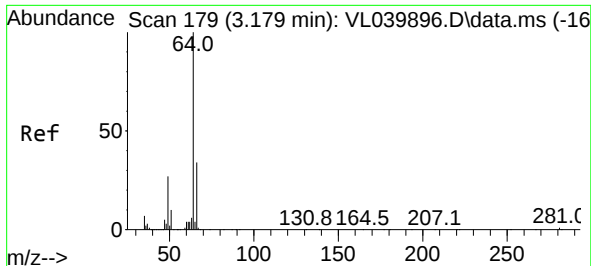
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#6
 Bromomethane
 Concen: 0.489 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

Tgt Ion: 94 Resp: 13065
 Ion Ratio Lower Upper
 94 100
 96 88.1 73.7 110.5





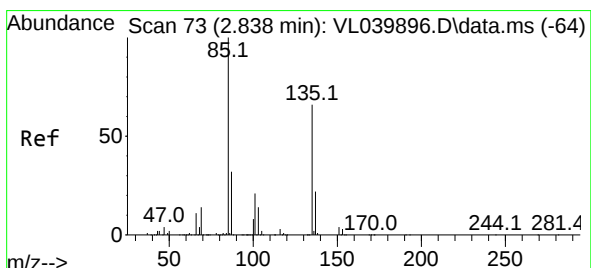
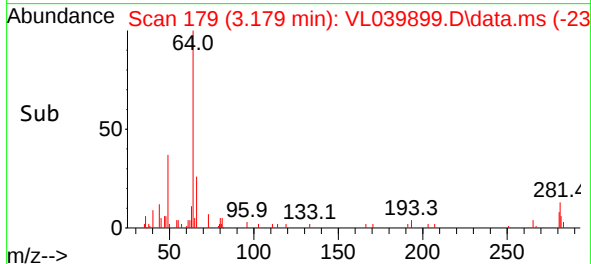
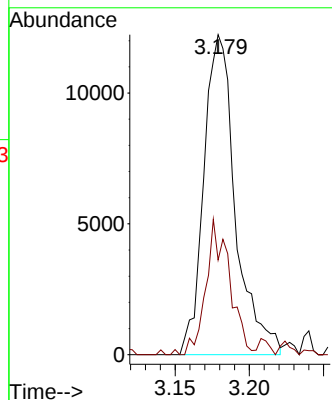
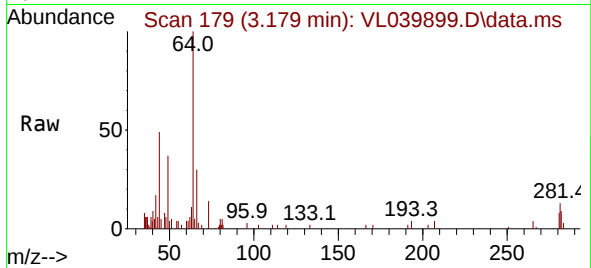
#7
Chloroethane
Concen: 0.645 ppbv
RT: 3.179 min Scan# 179
Delta R.T. -0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 1811
Ion Ratio Lower Upper
64 100
66 29.6 27.3 40.9

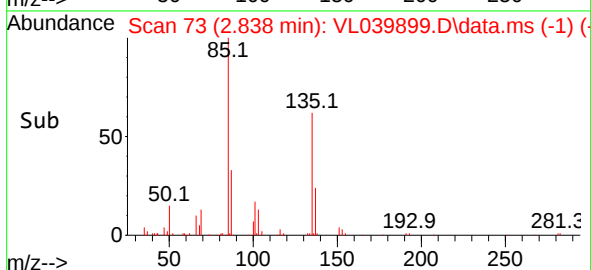
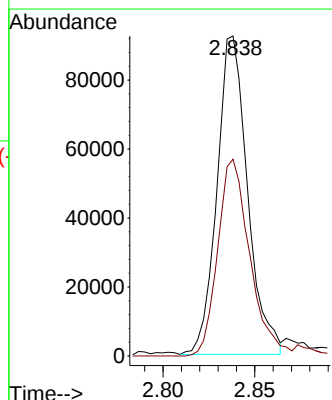
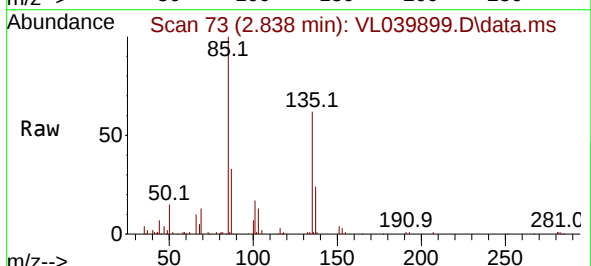
Manual Integrations
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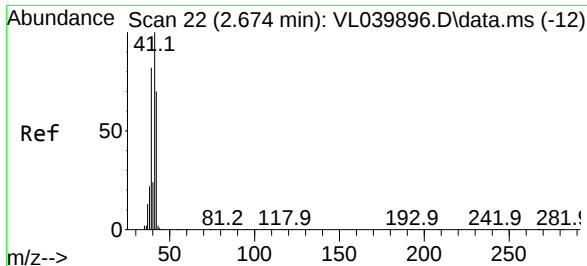
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#8
Dichlorotetrafluoroethane
Concen: 0.597 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

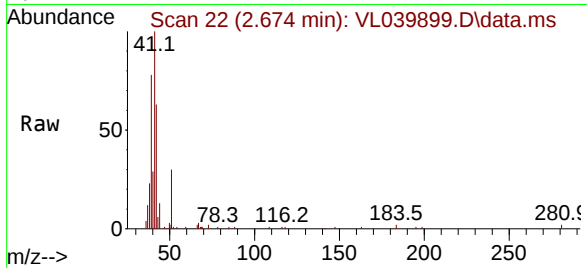
Tgt Ion: 85 Resp: 107059
Ion Ratio Lower Upper
85 100
135 68.5 54.1 81.1





#9
 Propene
 Concen: 0.574 ppbv
 RT: 2.674 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

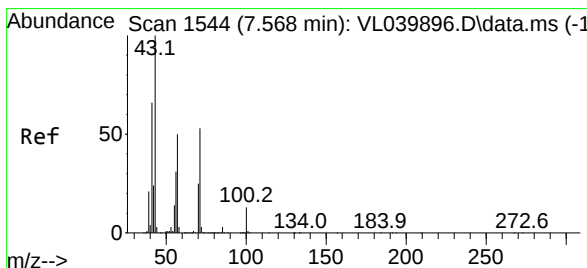
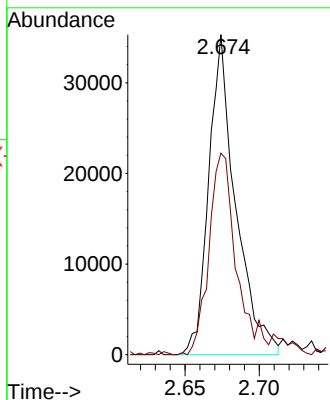
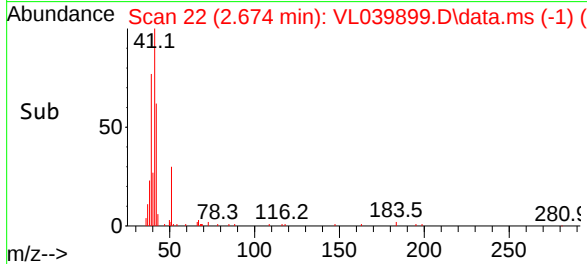
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



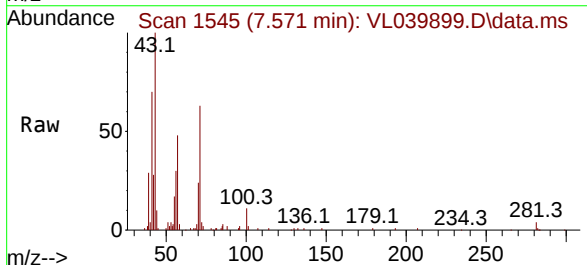
Tgt Ion: 41 Resp: 4443
 Ion Ratio Lower Upper
 41 100
 42 65.6 55.8 83.6

Manual Integrations
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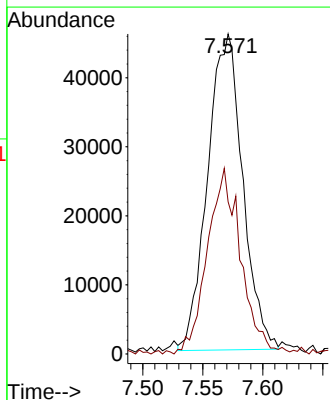
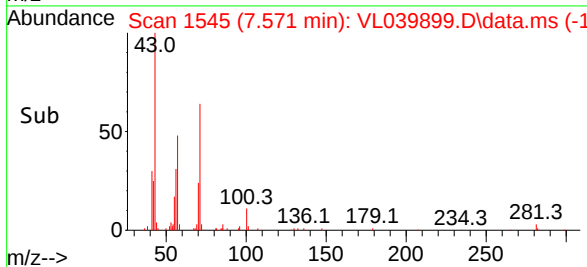
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 Supervised By :Mahesh Dadoda 11/21/2022

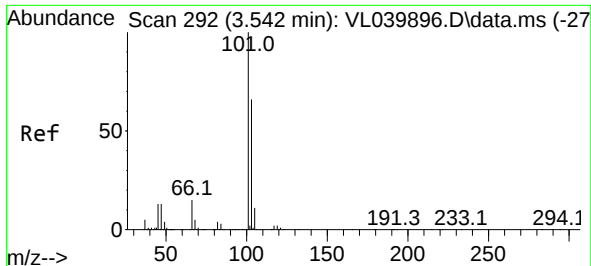


#10
 Heptane
 Concen: 0.501 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. 0.003 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40



Tgt Ion: 43 Resp: 92988
 Ion Ratio Lower Upper
 43 100
 57 56.2 40.7 61.1





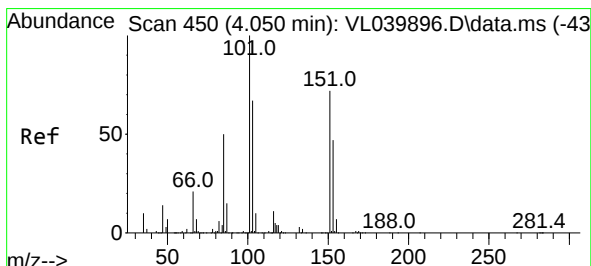
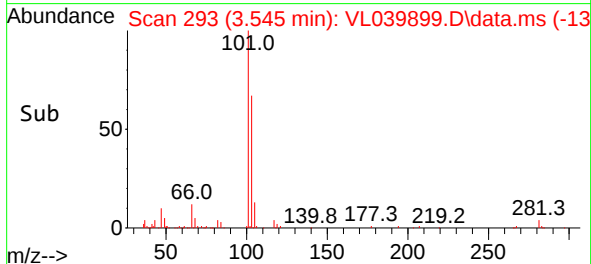
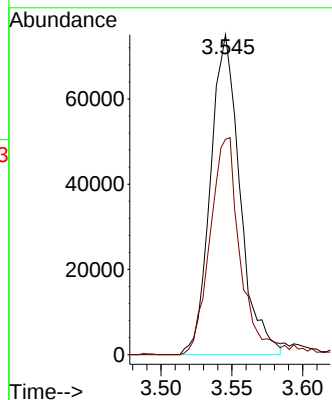
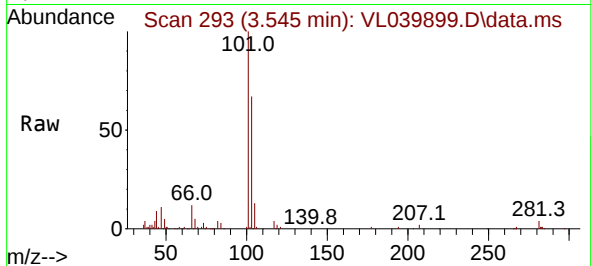
#11
 Trichlorofluoromethane
 Concen: 0.635 ppbv
 RT: 3.545 min Scan# 292
 Delta R.T. 0.003 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:101 Resp: 108909
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.6 78.8

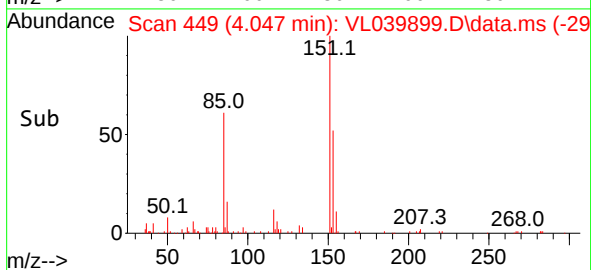
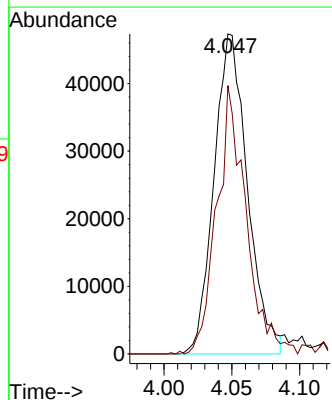
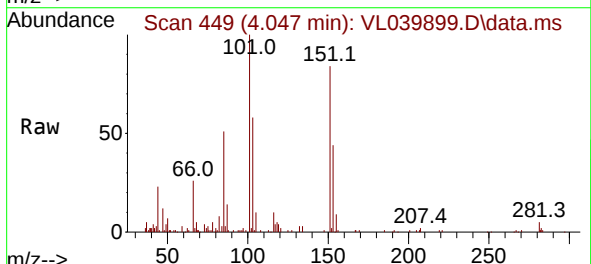
Manual Integrations
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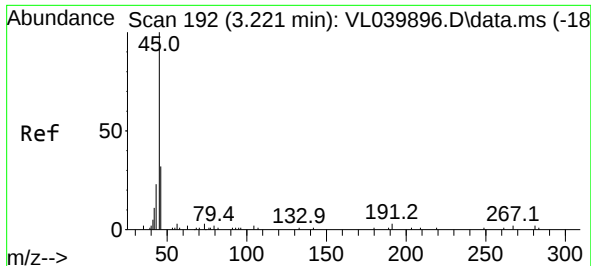
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.655 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. -0.003 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

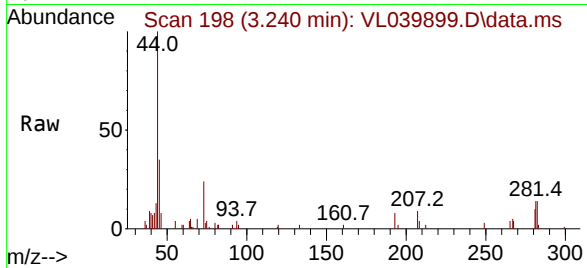
Tgt Ion:101 Resp: 81205
 Ion Ratio Lower Upper
 101 100
 151 73.4 59.6 89.4





#13
Ethanol
Concen: 0.602 ppbv m
RT: 3.240 min Scan# 198
Delta R.T. 0.019 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

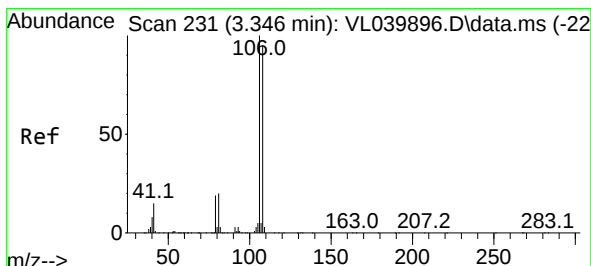
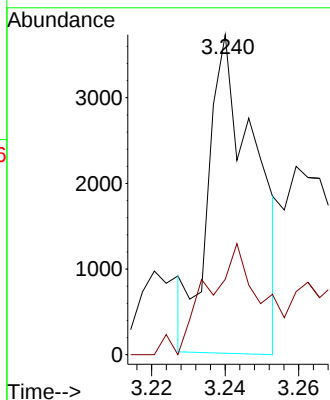
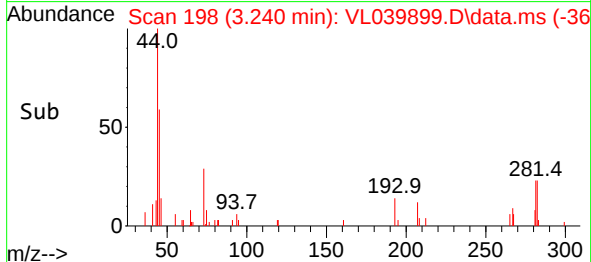
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



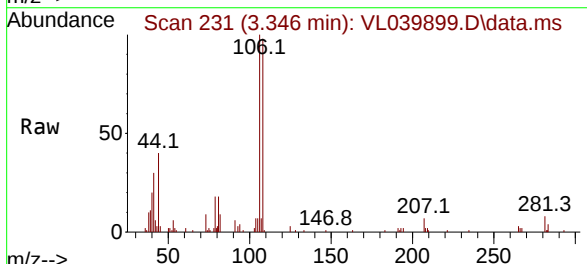
Tgt Ion: 45 Resp: 329
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2

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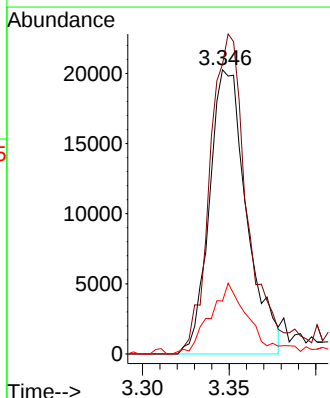
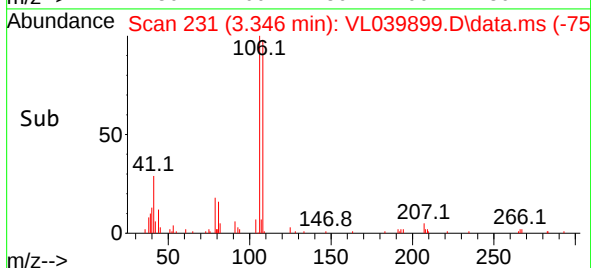
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

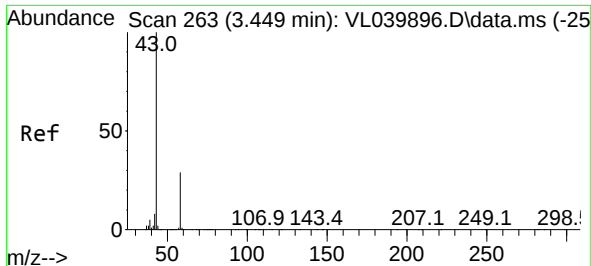


#14
Bromoethene
Concen: 0.547 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



Tgt Ion:108 Resp: 30334
Ion Ratio Lower Upper
108 100
106 119.8 87.3 130.9
79 29.8 15.9 23.9





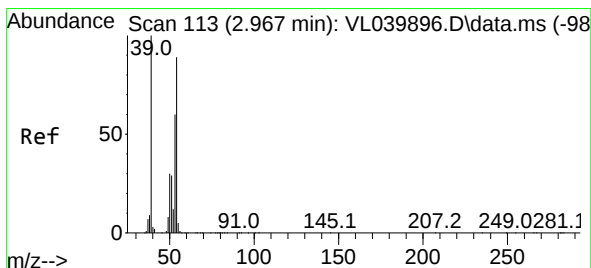
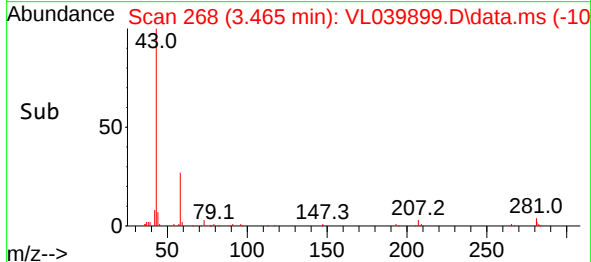
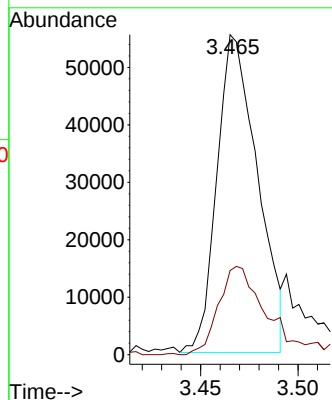
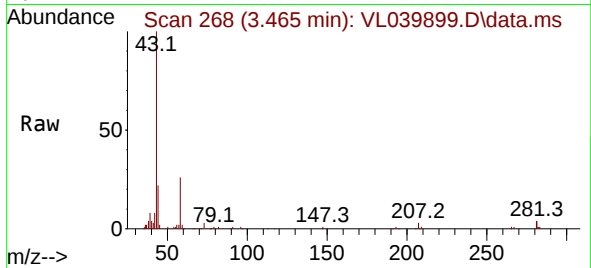
#15
Acetone
Concen: 0.528 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 80160
Ion Ratio Lower Upper
43 100
58 35.5 22.9 34.3

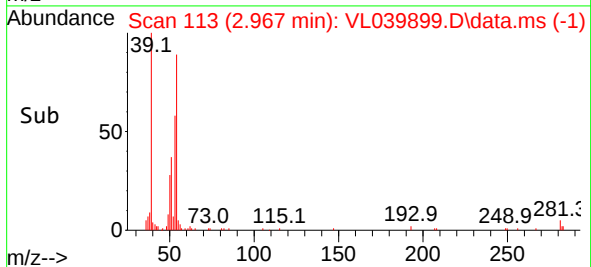
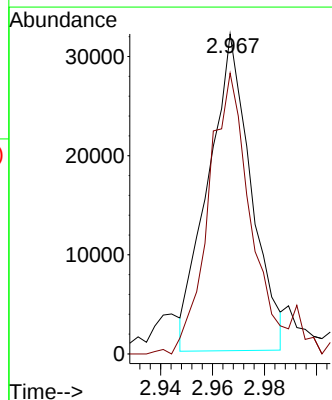
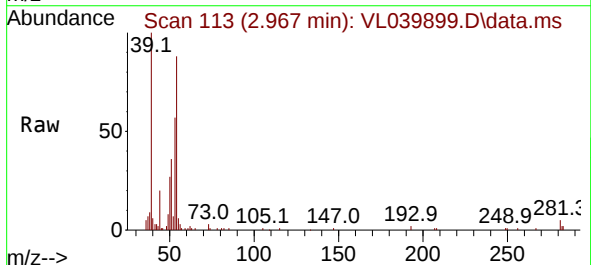
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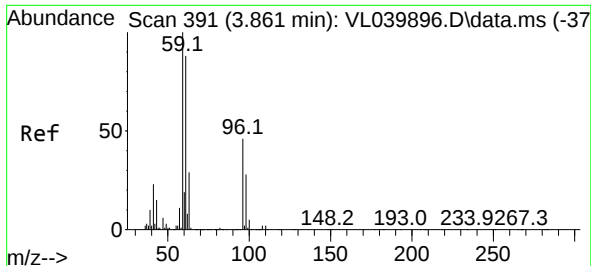
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
1,3-Butadiene
Concen: 0.519 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion: 39 Resp: 36581
Ion Ratio Lower Upper
39 100
54 93.1 66.6 99.8





#17

tert-Butyl alcohol

Concen: 0.650 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.022 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 9389

Ion Ratio Lower Upper

59 100

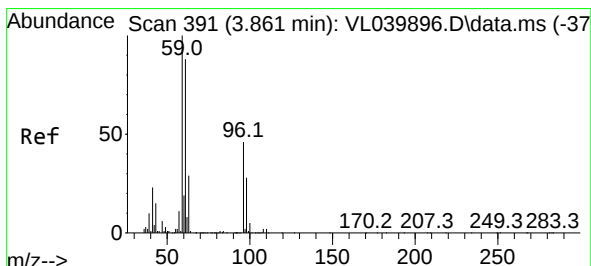
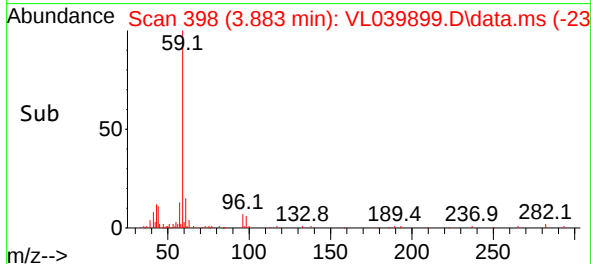
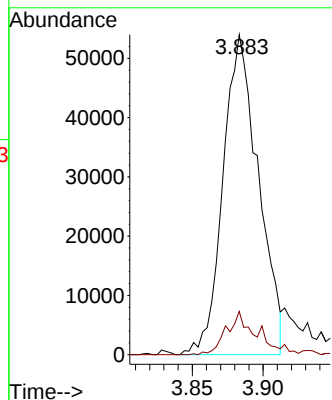
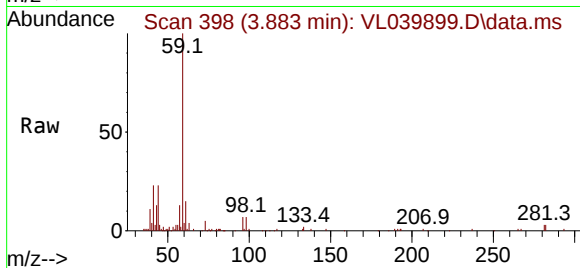
57 12.4 8.3 12.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#18

1,1-Dichloroethene

Concen: 0.656 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

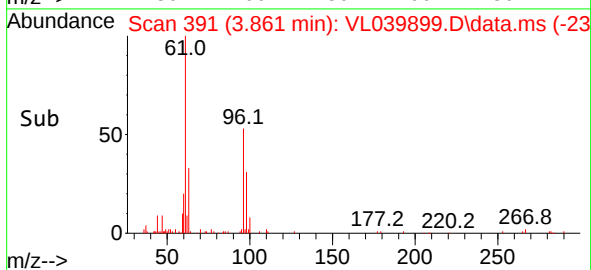
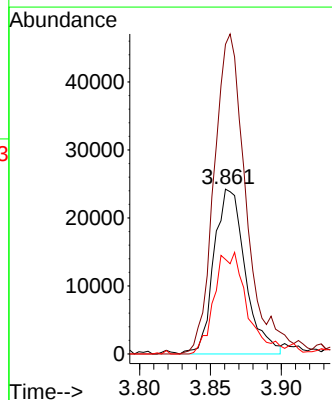
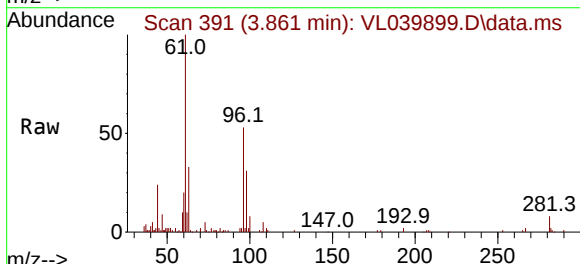
Tgt Ion: 96 Resp: 37296

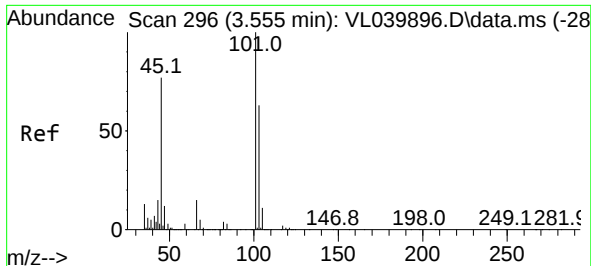
Ion Ratio Lower Upper

96 100

61 187.9 153.4 230.2

98 57.4 48.9 73.3





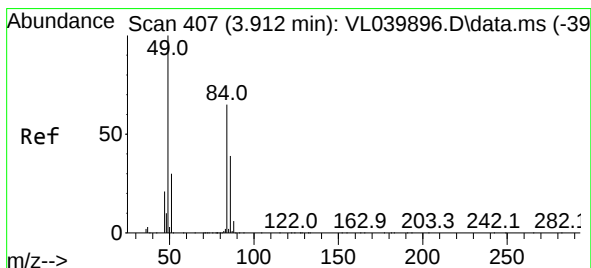
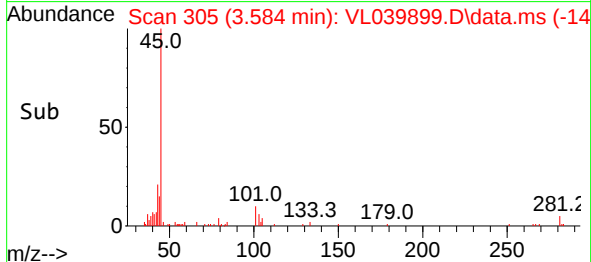
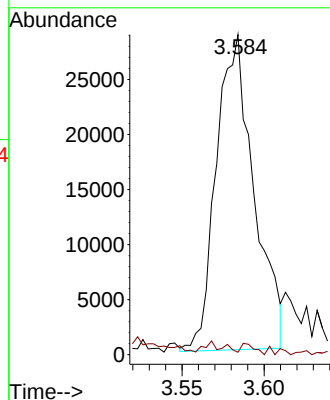
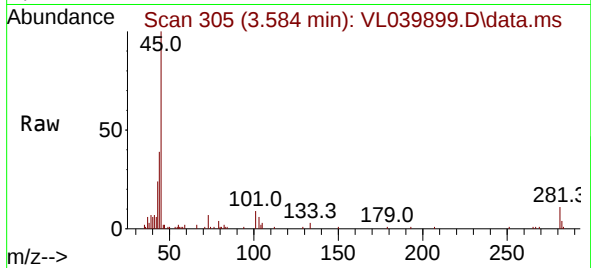
#19
Isopropyl Alcohol
Concen: 0.607 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.029 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 45570
Ion Ratio Lower Upper
45 100
58 2.3 38.7 58.1

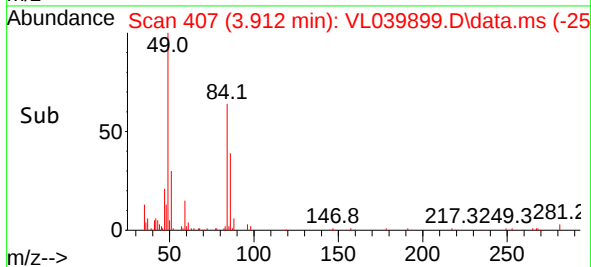
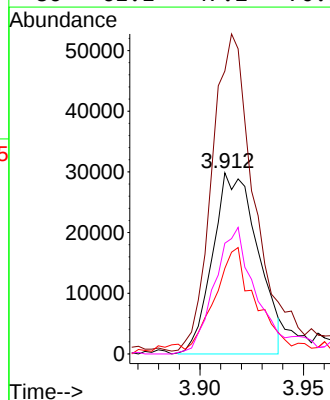
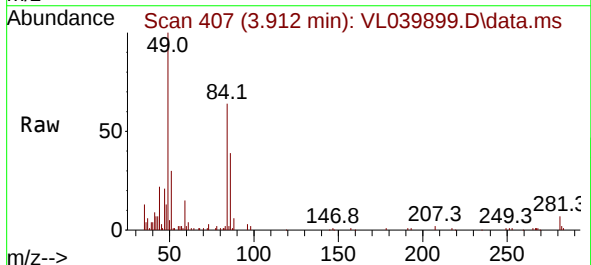
Manual Integrations
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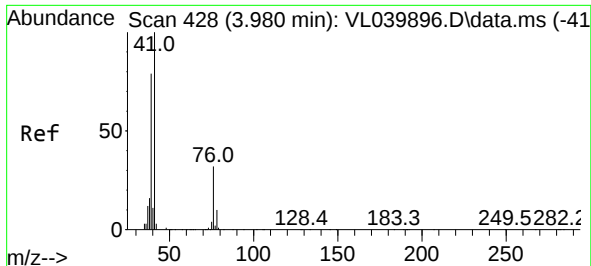
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#20
Methylene Chloride
Concen: 0.832 ppbv m
RT: 3.912 min Scan# 407
Delta R.T. -0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion: 84 Resp: 45165
Ion Ratio Lower Upper
84 100
49 156.2 122.2 183.4
51 47.3 36.3 54.5
86 61.1 47.2 70.8





#21

Allyl Chloride

Concen: 0.539 ppbv

RT: 3.976 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Instrument :

MSVOA_L

ClientSampleId :

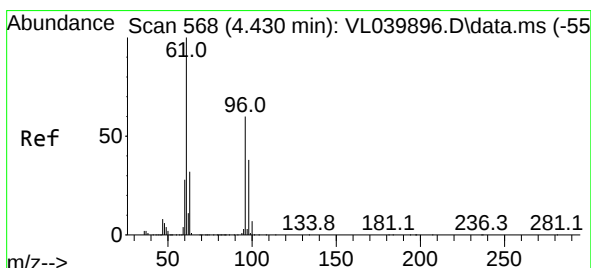
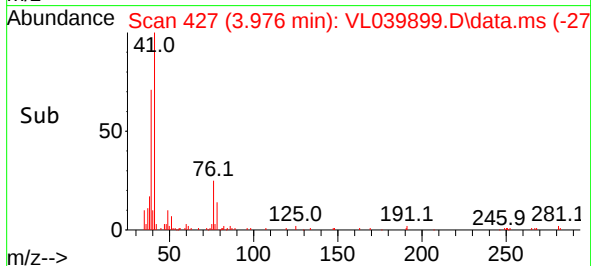
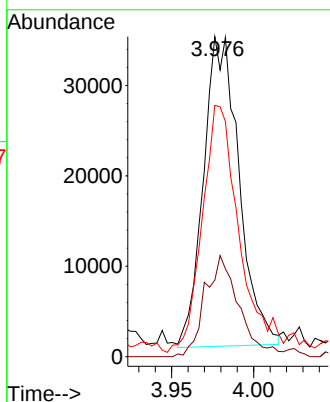
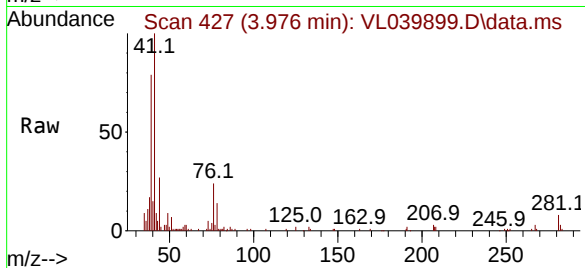
VSTDICC0.5

Tgt Ion:	41	Resp:	5170
Ion Ratio	Lower	Upper	
41	100		
76	32.0	25.6	38.4
39	89.2	65.2	97.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#22

trans-1,2-Dichloroethene

Concen: 0.660 ppbv

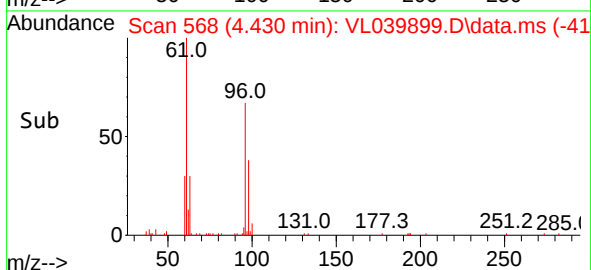
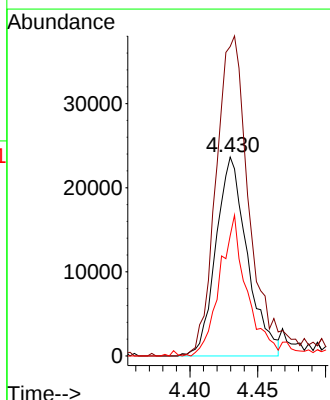
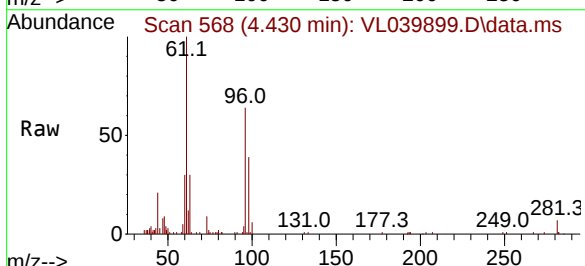
RT: 4.430 min Scan# 568

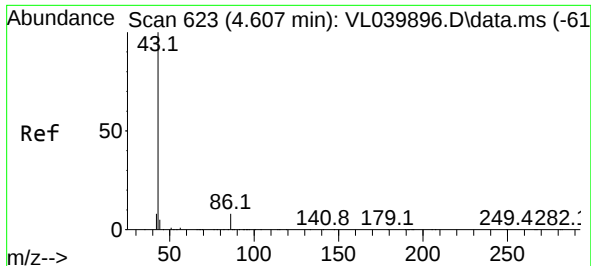
Delta R.T. -0.000 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Tgt Ion:	96	Resp:	38085
Ion Ratio	Lower	Upper	
96	100		
61	155.6	134.1	201.1
98	59.8	50.4	75.6





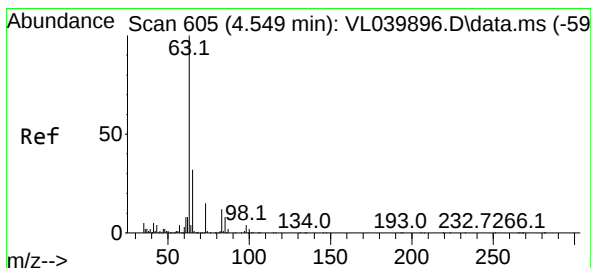
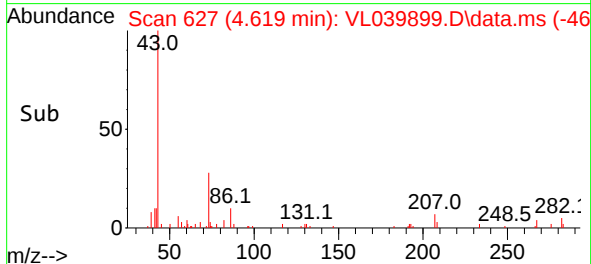
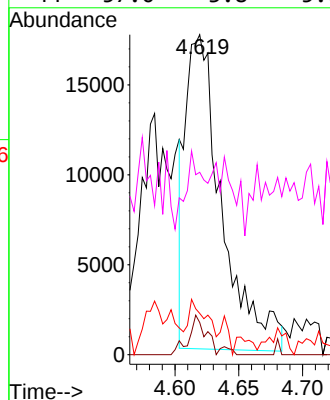
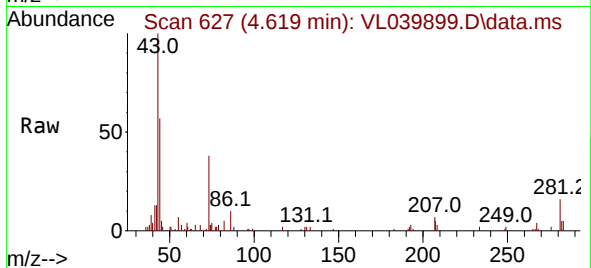
#23
 Vinyl Acetate
 Concen: 0.572 ppbv m
 RT: 4.619 min Scan# 619
 Delta R.T. 0.013 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:	43	Resp:	3458
Ion Ratio	Lower	Upper	
43	100		
86	10.0	5.0	7.4
42	12.9	7.6	11.4
44	57.0	3.8	5.6

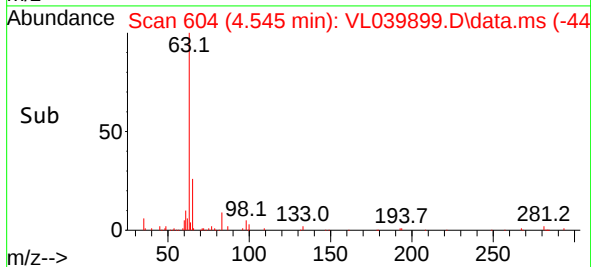
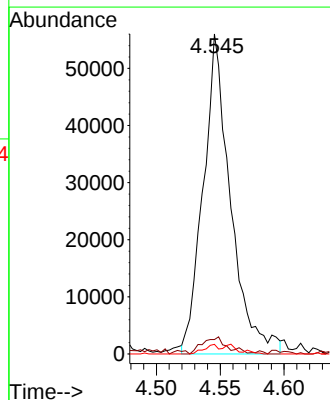
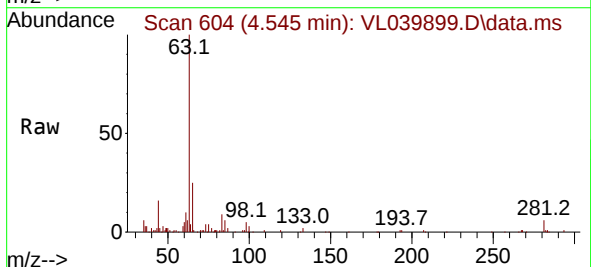
Manual Integrations
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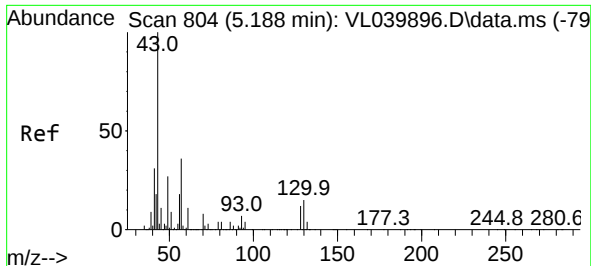
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 0.676 ppbv m
 RT: 4.545 min Scan# 604
 Delta R.T. -0.003 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

Tgt Ion:	63	Resp:	83450
Ion Ratio	Lower	Upper	
63	100		
98	4.5	2.1	6.5
100	3.0	1.1	3.5





#25
Ethyl Acetate
Concen: 0.476 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.010 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

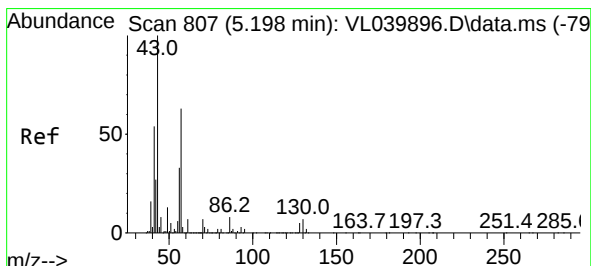
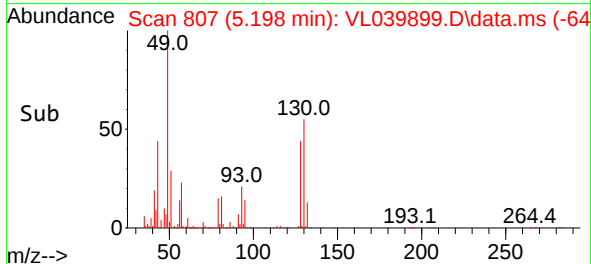
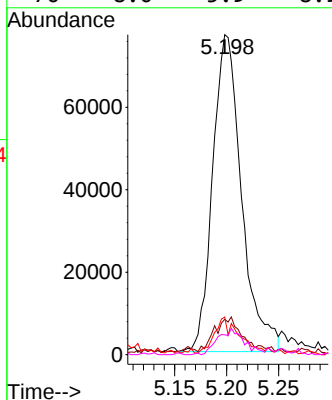
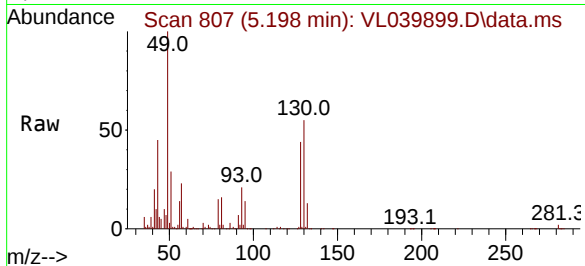
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 14864

Ion	Ratio	Lower	Upper
43	100		
45	12.4	8.4	12.6
61	12.1	8.5	12.7
70	8.0	5.9	8.9

Manual Integrations
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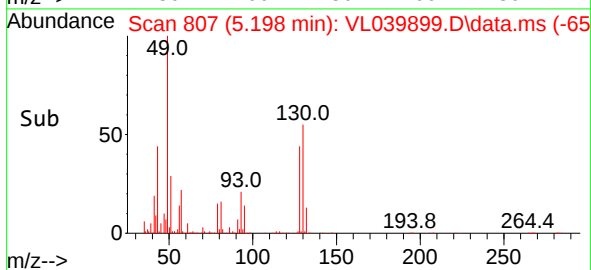
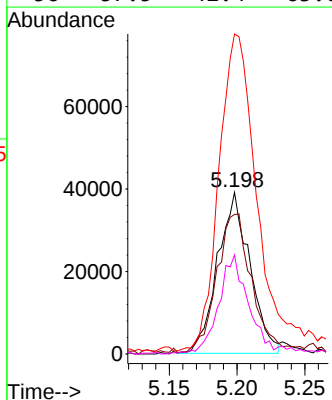
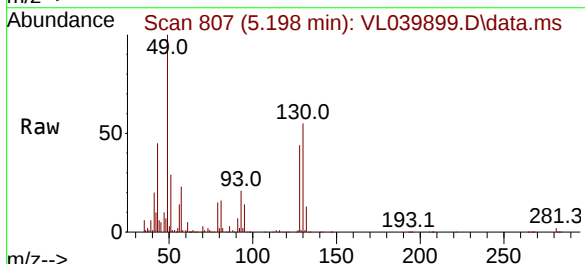
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

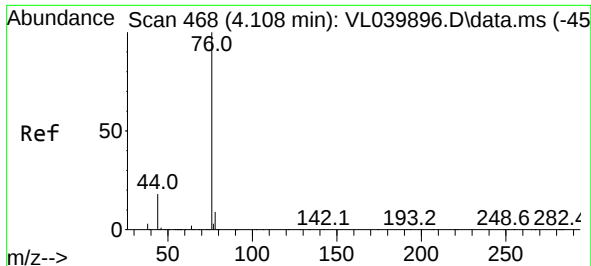


#26
Hexane
Concen: 0.464 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion: 57 Resp: 64690

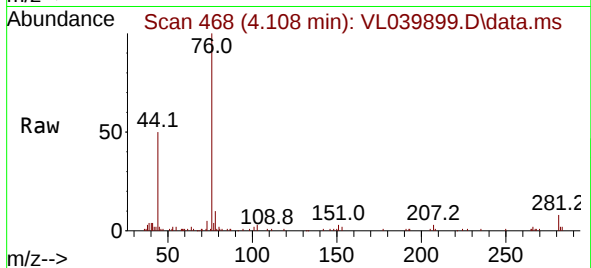
Ion	Ratio	Lower	Upper
57	100		
41	99.8	72.3	108.5
43	241.3	188.7	283.1
56	57.5	42.4	63.6





#27
Carbon Disulfide
Concen: 0.447 ppbv
RT: 4.108 min Scan# 410
Delta R.T. -0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

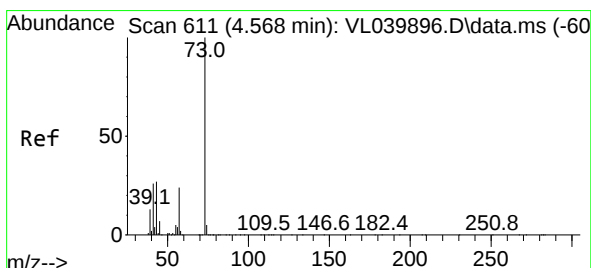
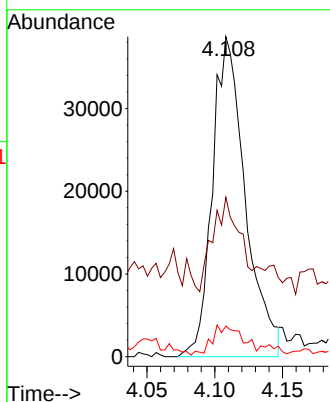
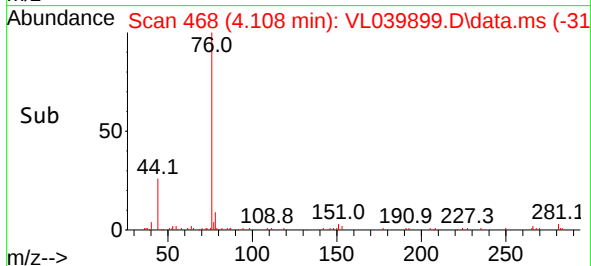
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



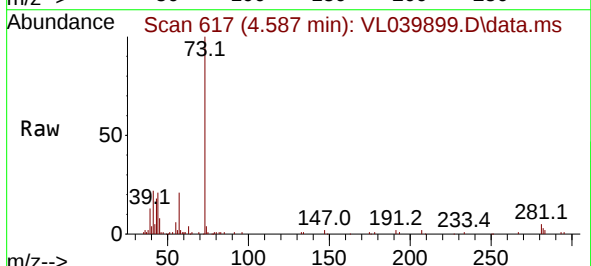
Tgt Ion: 76 Resp: 65340
Ion Ratio Lower Upper
76 100
44 45.7 14.7 22.1
78 12.4 7.8 11.8

Manual Integrations
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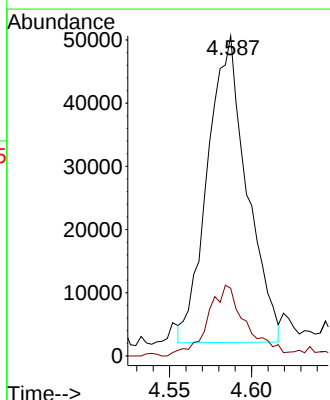
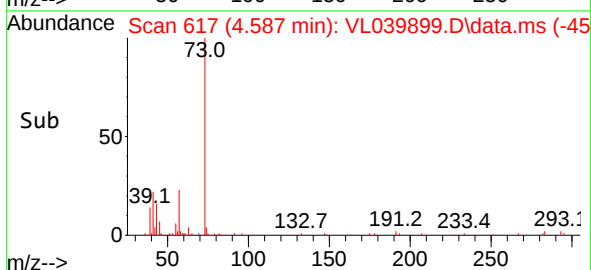
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

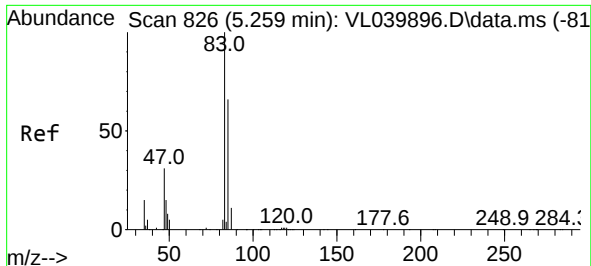


#28
Methyl tert-Butyl Ether
Concen: 0.640 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.019 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



Tgt Ion: 73 Resp: 80751
Ion Ratio Lower Upper
73 100
57 24.7 18.9 28.3





#29

Chloroform

Concen: 0.523 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 102419

Ion Ratio Lower Upper

83 100

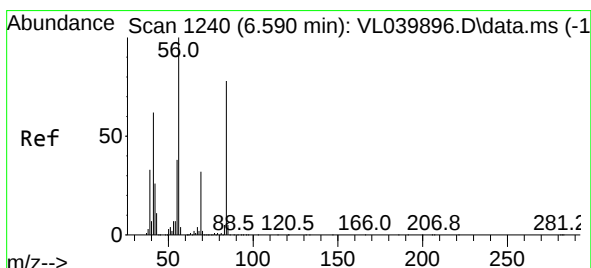
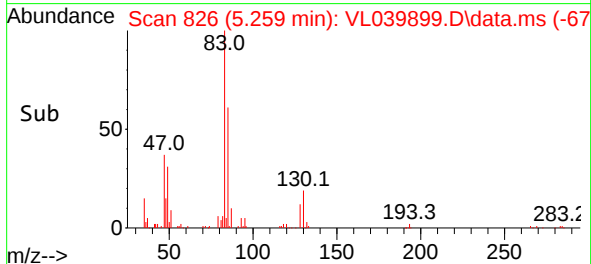
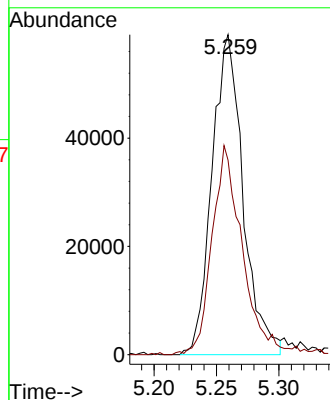
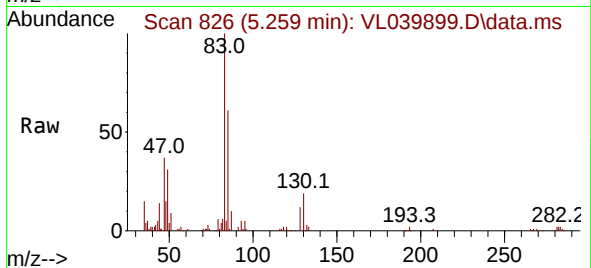
85 59.9 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#30

Cyclohexane

Concen: 0.575 ppbv m

RT: 6.587 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

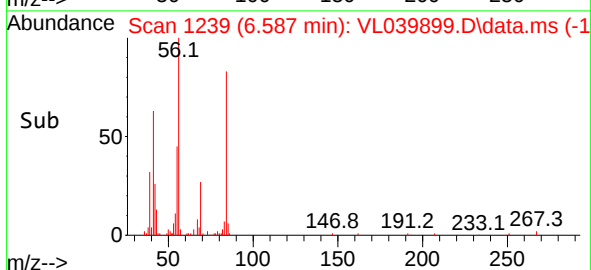
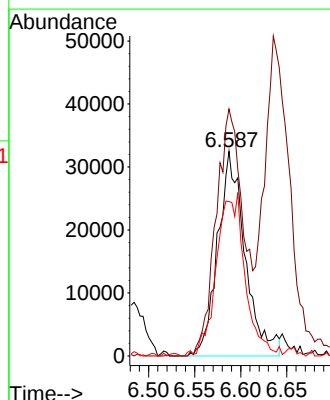
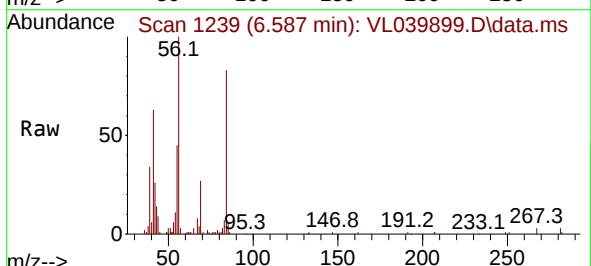
Tgt Ion: 84 Resp: 66969

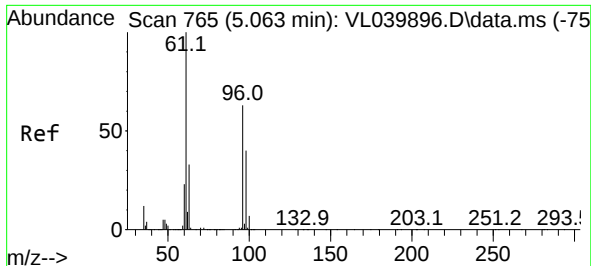
Ion Ratio Lower Upper

84 100

56 122.3 112.5 168.7

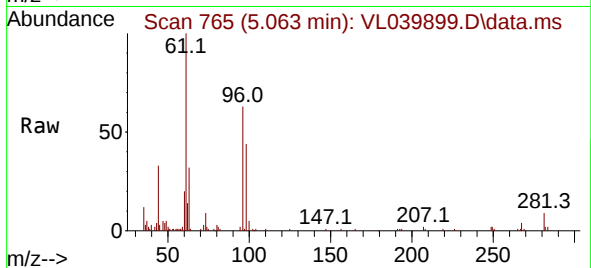
41 0.0 67.8 101.8#





#31
 cis-1,2-Dichloroethene
 Concen: 0.459 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

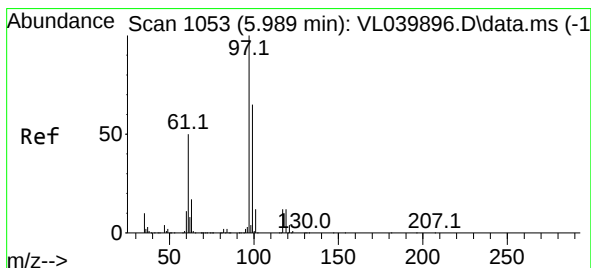
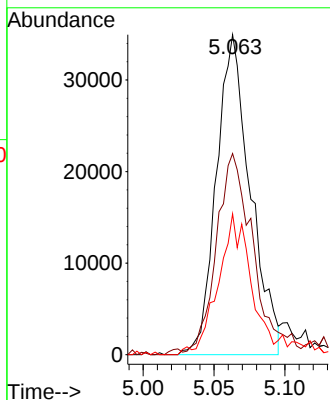
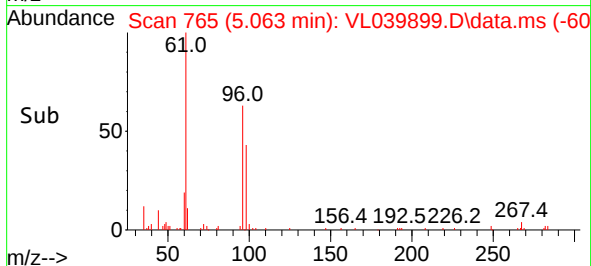
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5



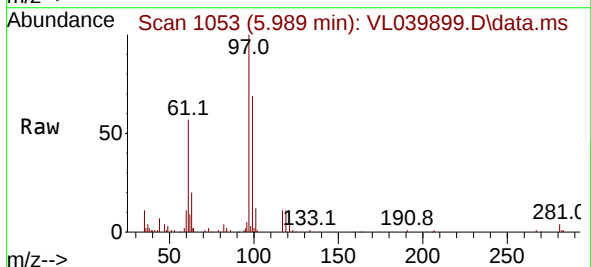
Tgt Ion: 61 Resp: 5826
 Ion Ratio Lower Upper
 61 100
 96 61.1 50.3 75.5
 98 44.0 32.2 48.2

Manual Integrations
 APPROVED

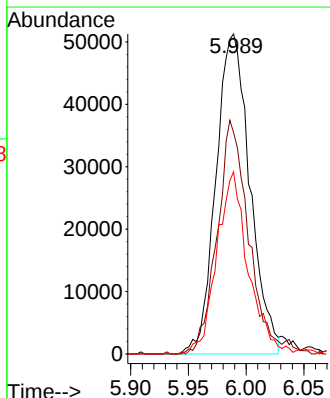
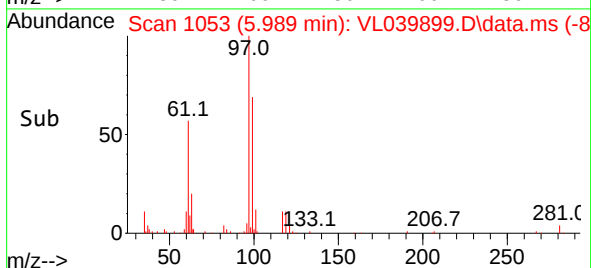
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

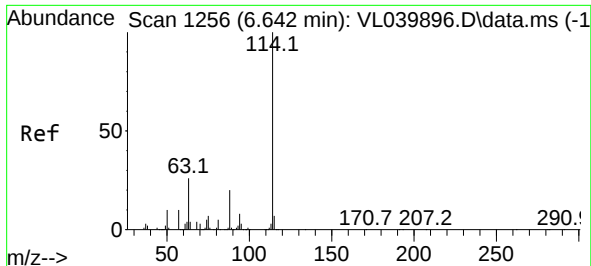


#32
 1,1,1-Trichloroethane
 Concen: 0.539 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40



Tgt Ion: 97 Resp: 105044
 Ion Ratio Lower Upper
 97 100
 99 68.5 51.4 77.0
 61 53.4 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 382838

Ion Ratio Lower Upper

114 100

63 25.7 21.4 32.0

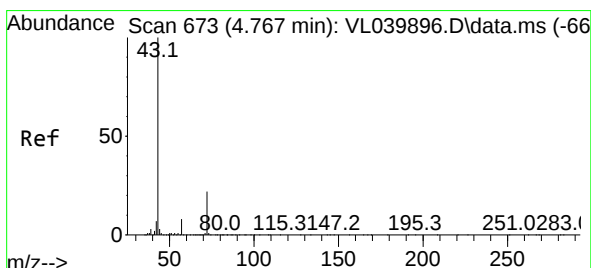
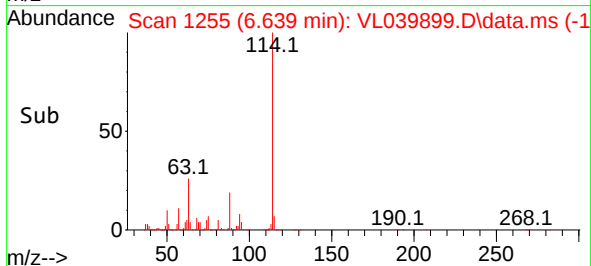
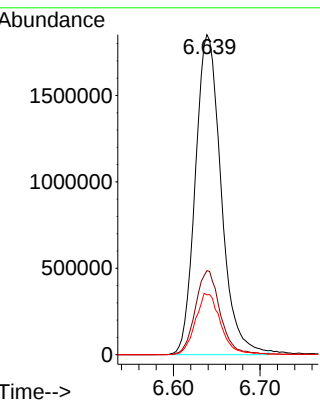
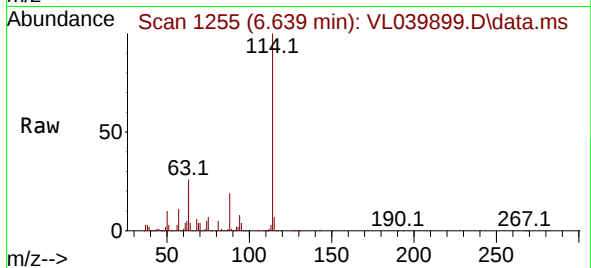
88 18.8 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#34

2-Butanone

Concen: 0.536 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.022 min

Lab File: VL039899.D

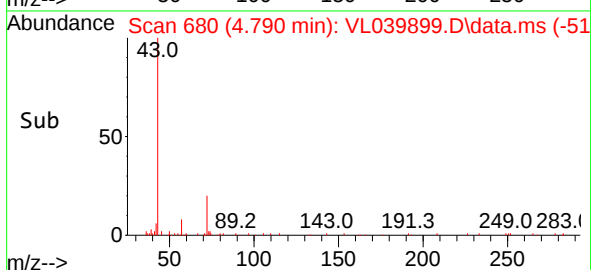
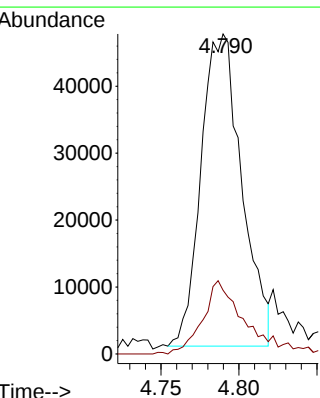
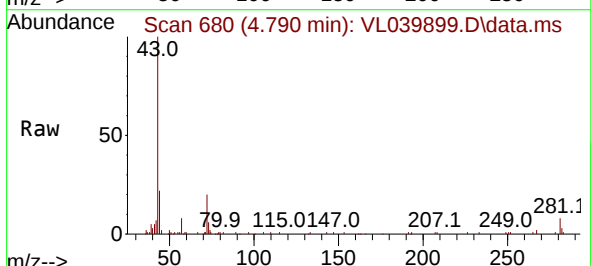
Acq: 18 Nov 2022 10:40

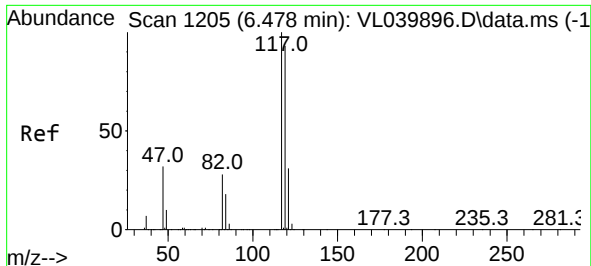
Tgt Ion: 43 Resp: 84684

Ion Ratio Lower Upper

43 100

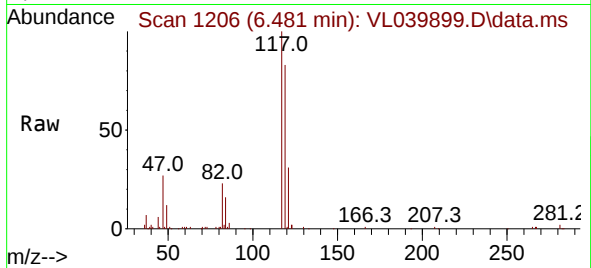
72 24.9 17.4 26.2





#35
Carbon Tetrachloride
Concen: 0.451 ppbv
RT: 6.481 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

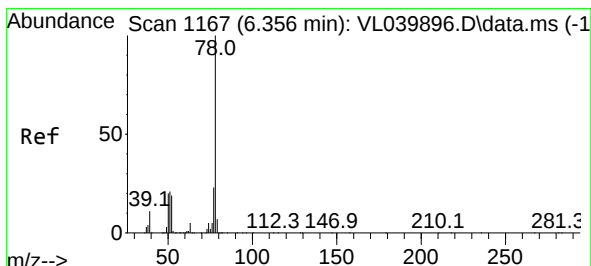
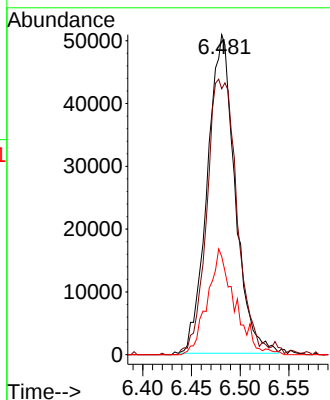
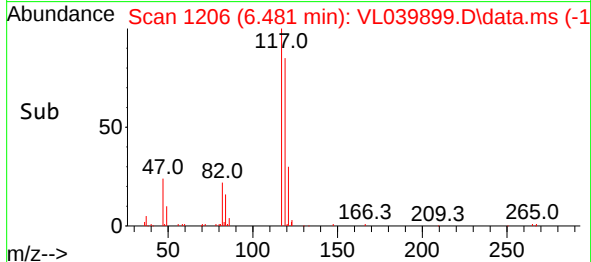
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



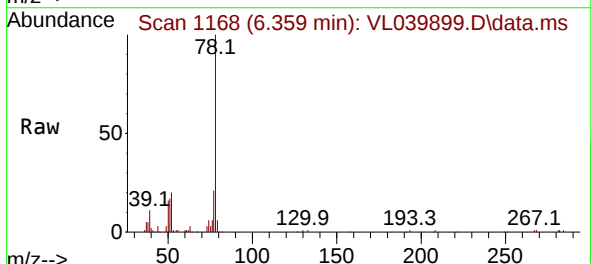
Tgt Ion: 117 Resp: 100534
Ion Ratio Lower Upper
117 100
119 82.3 74.7 112.1
121 30.8 24.5 36.7

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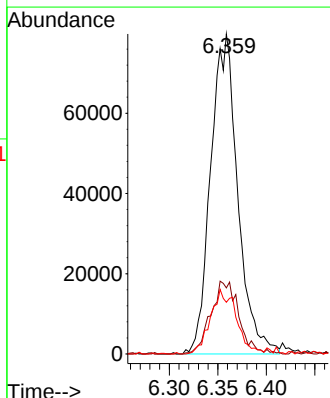
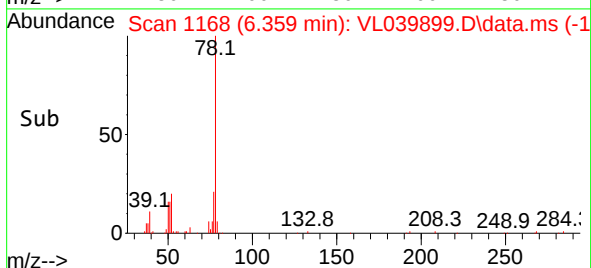
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

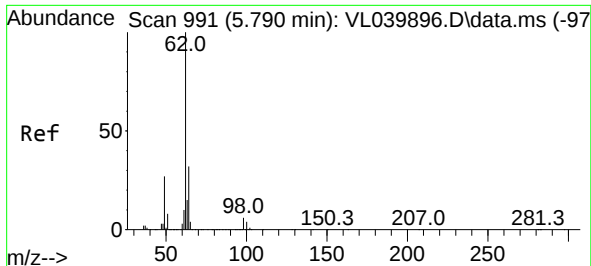


#36
Benzene
Concen: 0.481 ppbv m
RT: 6.359 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



Tgt Ion: 78 Resp: 155349
Ion Ratio Lower Upper
78 100
77 20.6 18.2 27.2
50 16.1 15.8 23.8





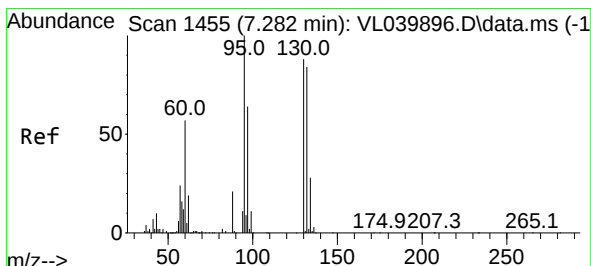
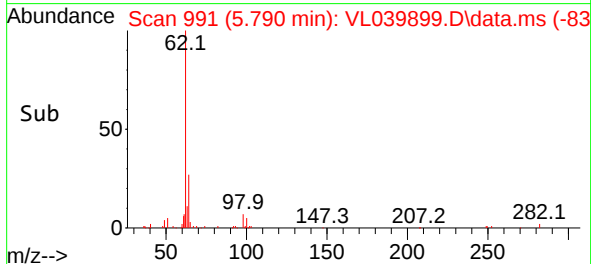
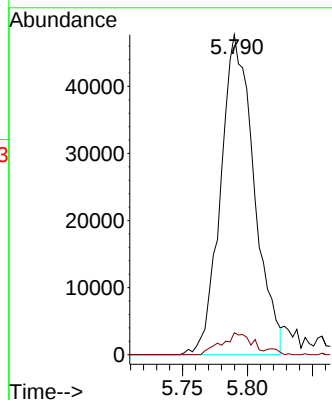
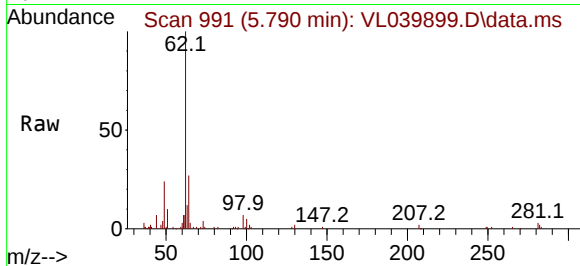
#37
1,2-Dichloroethane
Concen: 0.552 ppbv
RT: 5.790 min Scan# 991
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 8552
Ion Ratio Lower Upper
62 100
98 6.7 5.0 7.6

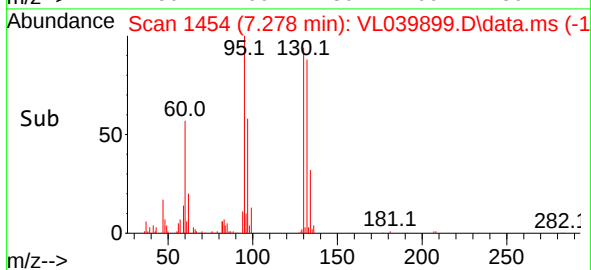
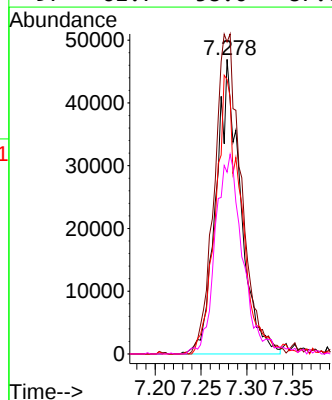
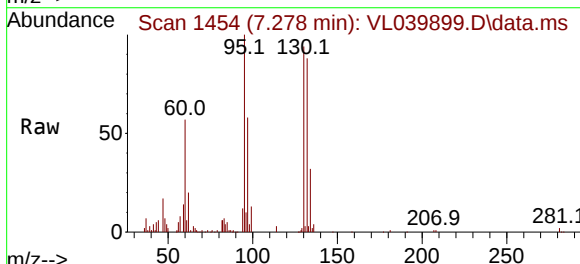
Manual Integrations
APPROVED

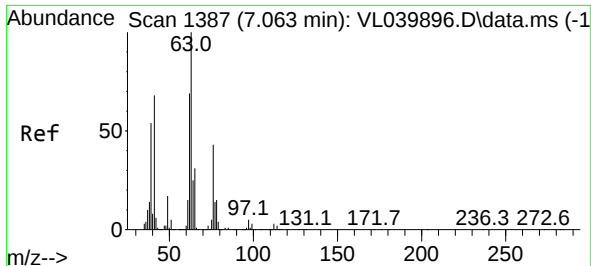
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#38
Trichloroethene
Concen: 0.505 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion:130 Resp: 87245
Ion Ratio Lower Upper
130 100
95 105.9 90.6 135.8
132 93.2 76.2 114.4
97 61.7 58.0 87.0





#39

1,2-Dichloropropane

Concen: 0.498 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

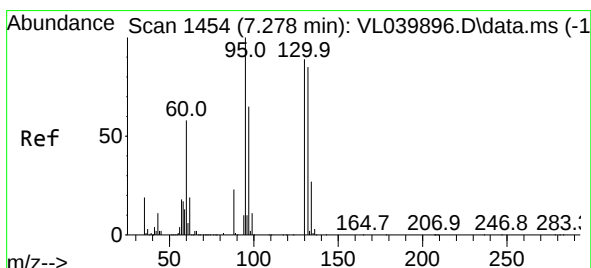
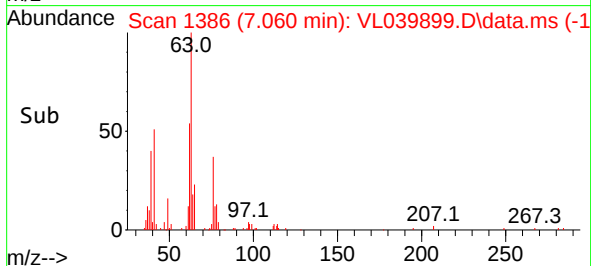
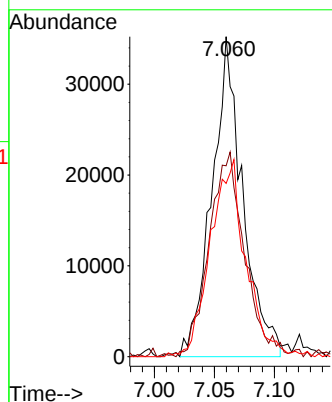
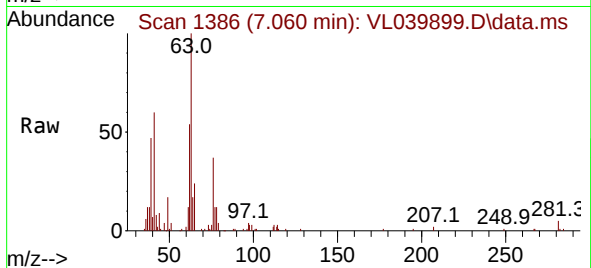
Tgt Ion: 63 Resp: 6270

Ion	Ratio	Lower	Upper
63	100		
41	58.0	54.7	82.1
62	53.4	55.0	82.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#40

1,4-Dioxane

Concen: 0.509 ppbv m

RT: 7.311 min Scan# 1464

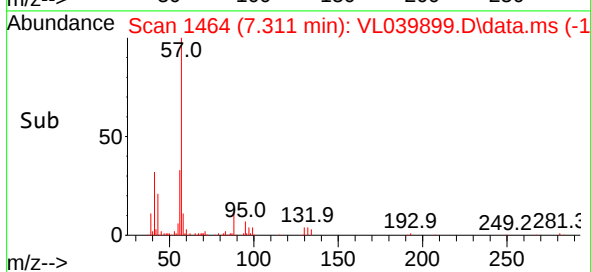
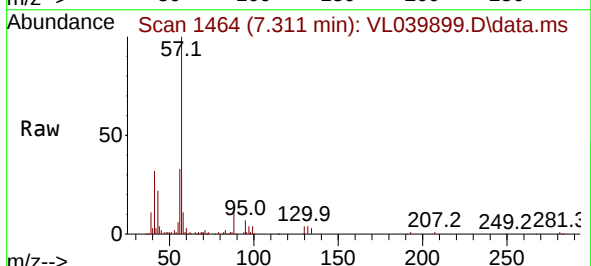
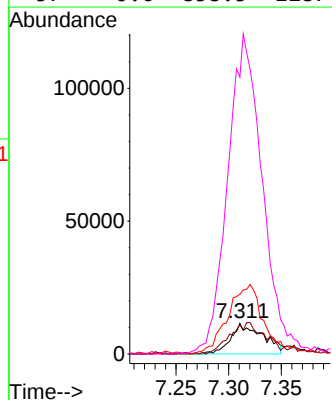
Delta R.T. 0.032 min

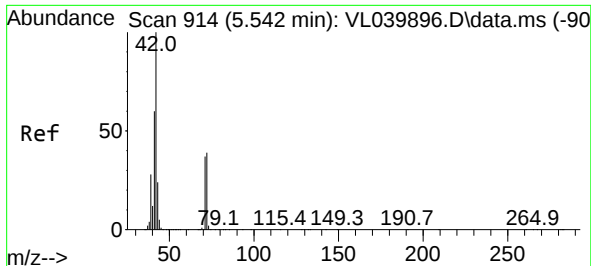
Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Tgt Ion: 88 Resp: 24506

Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.5	150.7#
43	0.0	195.8	293.8#
57	0.0	858.5	1287.7#





#41

Tetrahydrofuran

Concen: 0.448 ppbv

RT: 5.574 min Scan# 914

Delta R.T. 0.032 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Instrument :

MSVOA_L

ClientSampleId :

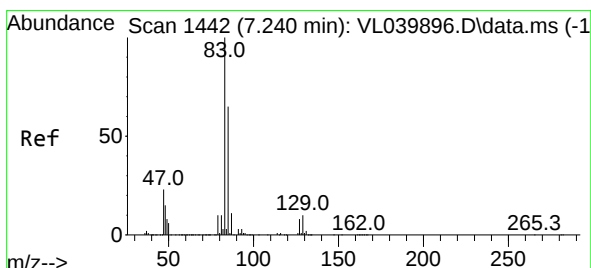
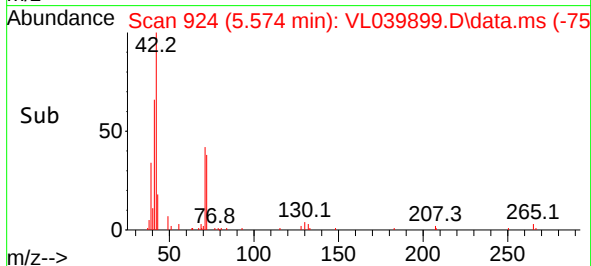
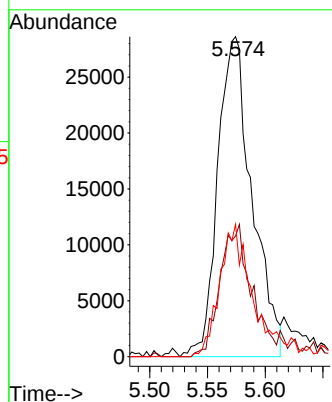
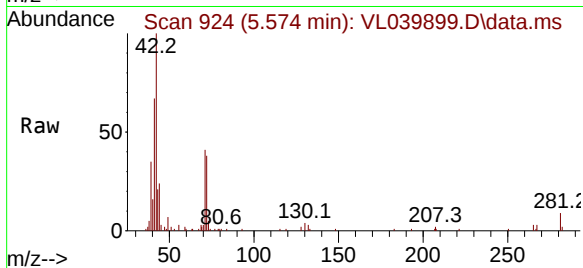
VSTDIC0.5

Tgt Ion:	42	Resp:	59074
Ion Ratio	Lower	Upper	
42	100		
72	40.7	31.6	47.4
71	39.9	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#42

Bromodichloromethane

Concen: 0.416 ppbv

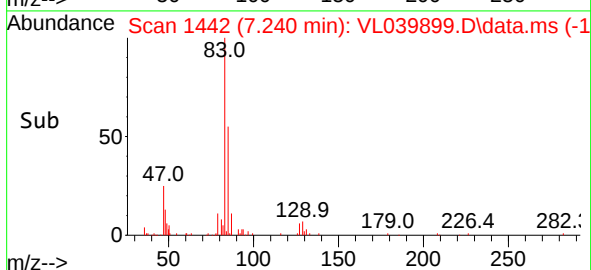
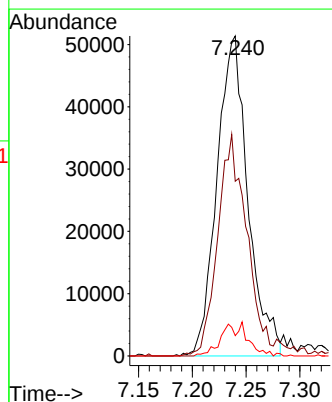
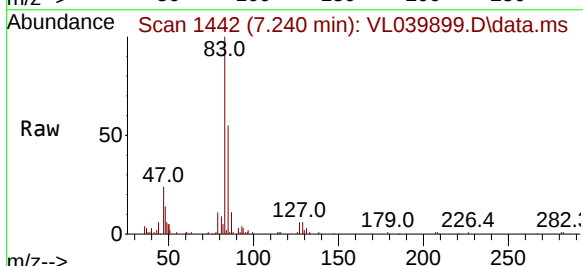
RT: 7.240 min Scan# 1442

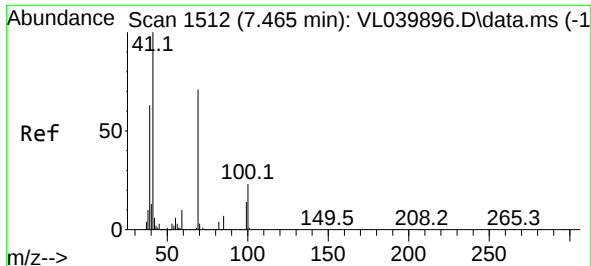
Delta R.T. 0.000 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Tgt Ion:	83	Resp:	102973
Ion Ratio	Lower	Upper	
83	100		
85	54.6	52.0	78.0
127	6.4	6.5	9.7





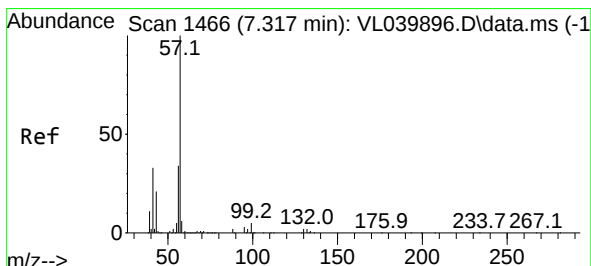
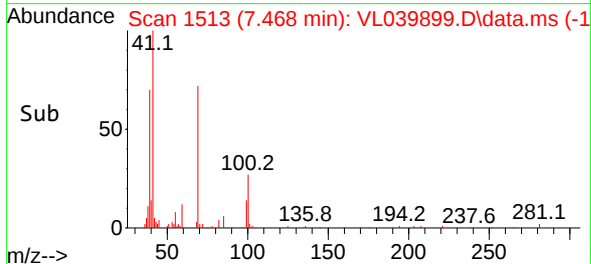
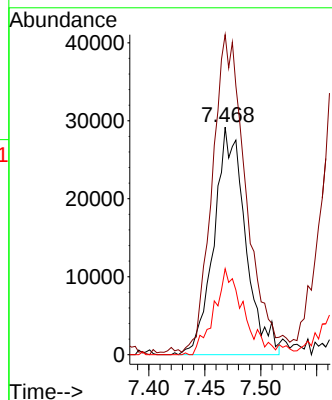
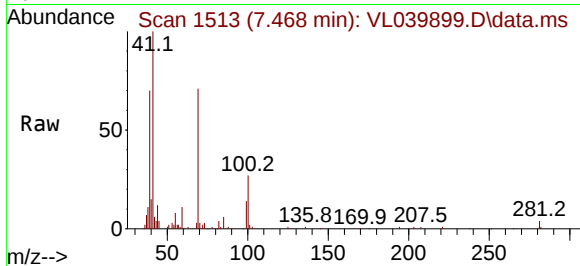
#43
Methyl Methacrylate
Concen: 0.446 ppbv m
RT: 7.468 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 56930
Ion Ratio Lower Upper
69 100
41 152.9 116.4 174.6
100 37.0 26.8 40.2

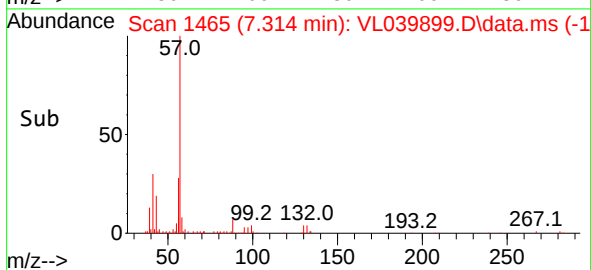
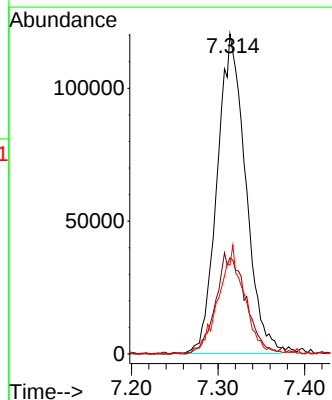
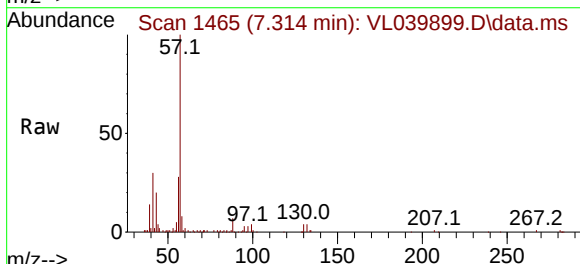
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APPROVED

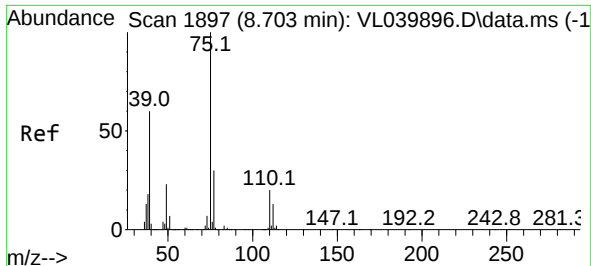
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#44
2,2,4-Trimethylpentane
Concen: 0.502 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion: 57 Resp: 273881
Ion Ratio Lower Upper
57 100
41 34.2 26.2 39.2
56 30.8 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 0.380 ppbv m

RT: 8.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 75 Resp: 46489

Ion Ratio Lower Upper

75 100

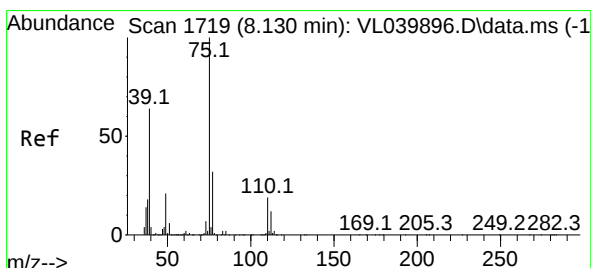
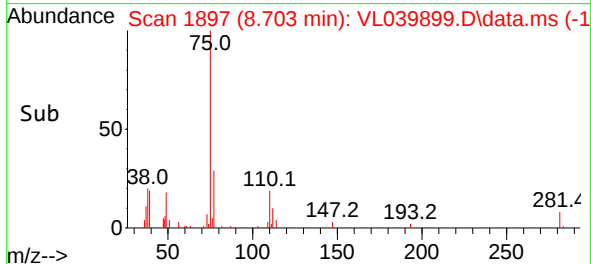
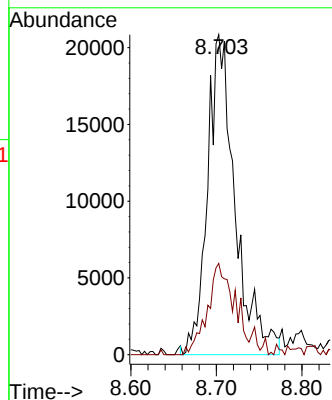
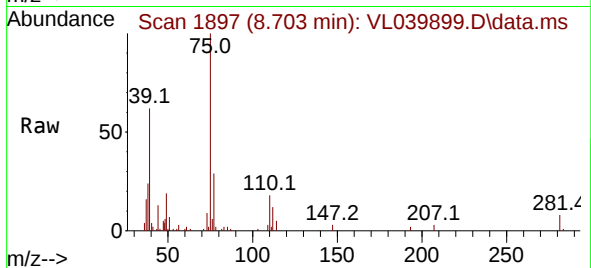
77 28.5 24.2 36.4

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Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#46

cis-1,3-Dichloropropene

Concen: 0.420 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. 0.003 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

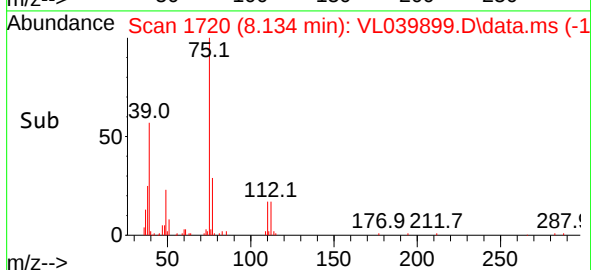
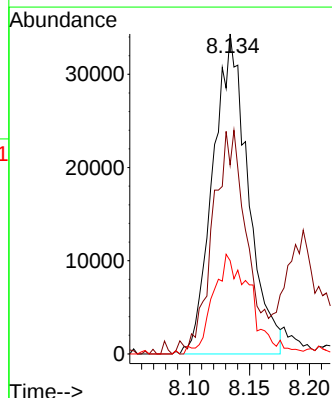
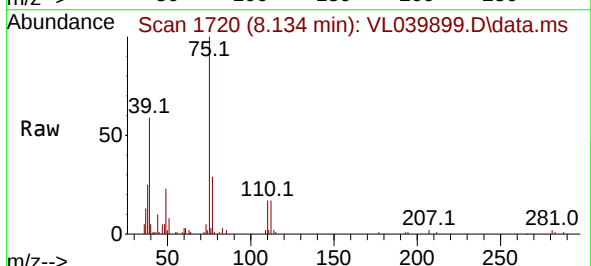
Tgt Ion: 75 Resp: 70145

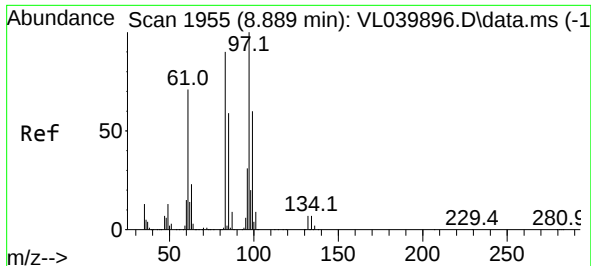
Ion Ratio Lower Upper

75 100

39 54.9 51.0 76.4

77 29.2 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 0.502 ppbv

RT: 8.889 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VL039899.D

Acq: 18 Nov 2022 10:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 97 Resp: 6401

Ion Ratio Lower Upper

97 100

83 99.4 72.1 108.1

85 58.8 47.2 70.8

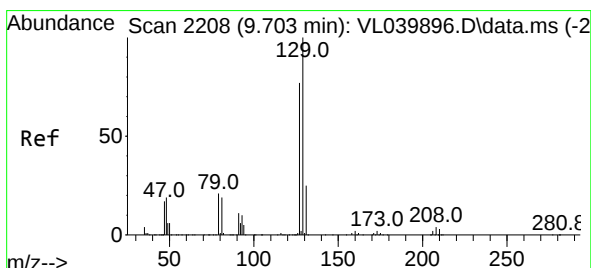
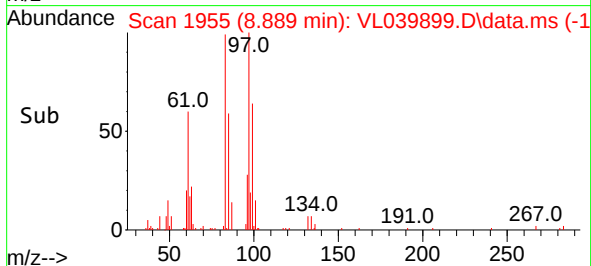
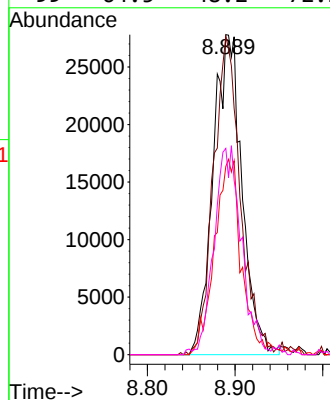
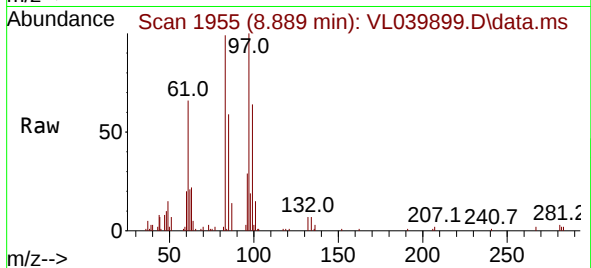
99 64.5 48.2 72.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#48

Dibromochloromethane

Concen: 0.319 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VL039899.D

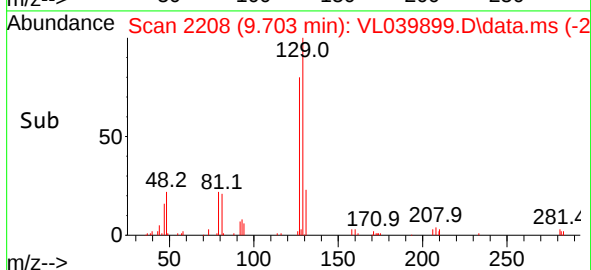
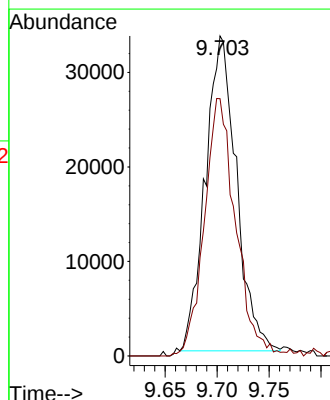
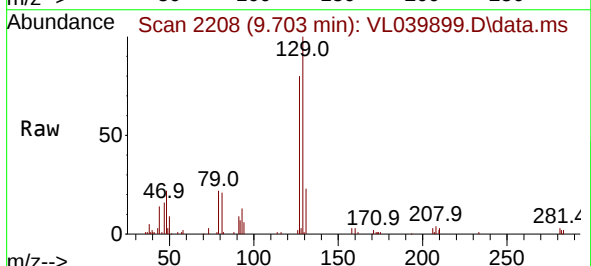
Acq: 18 Nov 2022 10:40

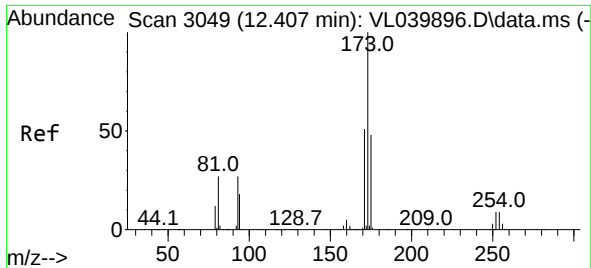
Tgt Ion:129 Resp: 69332

Ion Ratio Lower Upper

129 100

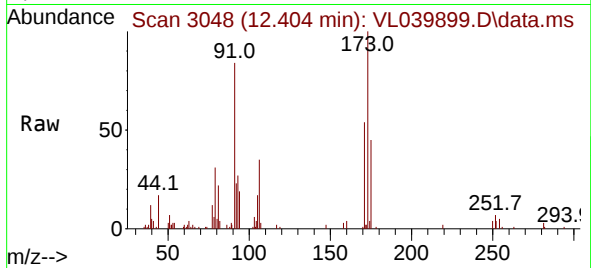
127 82.6 39.1 117.3





#49
Bromoform
Concen: 0.306 ppbv m
RT: 12.404 min Scan# 3049
Delta R.T. -0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

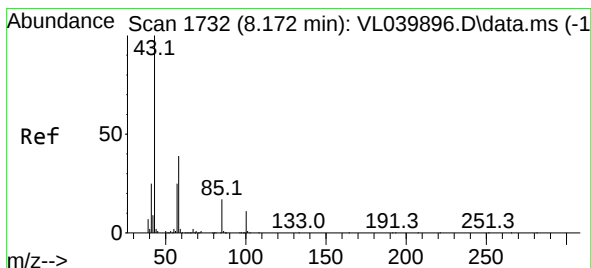
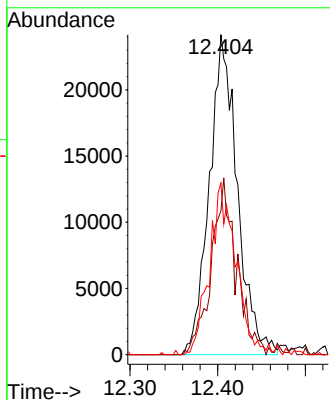
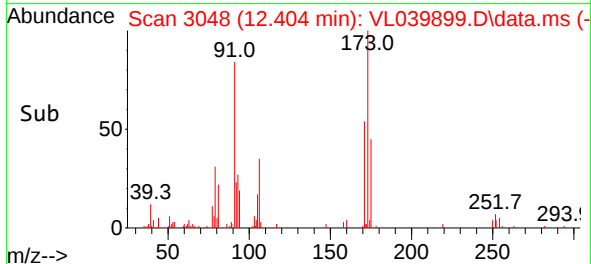
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:173 Resp: 5347
Ion Ratio Lower Upper
173 100
175 50.4 39.1 58.7
171 52.0 41.8 62.8

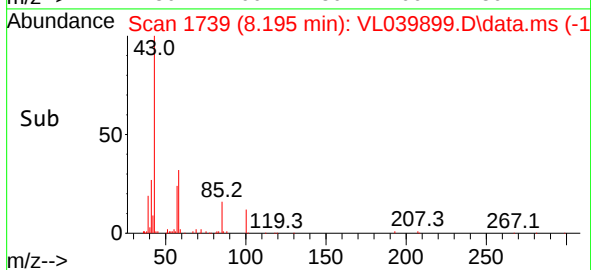
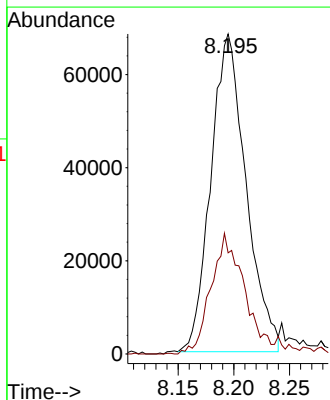
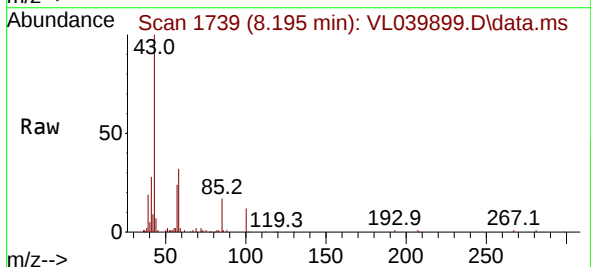
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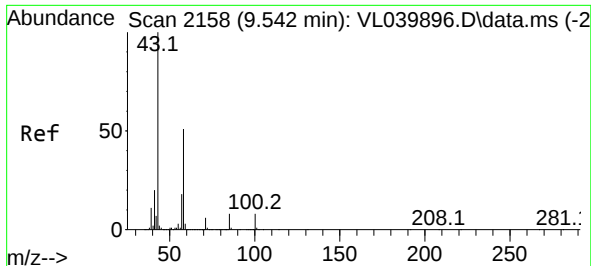
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#50
4-Methyl-2-Pentanone
Concen: 0.464 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.023 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

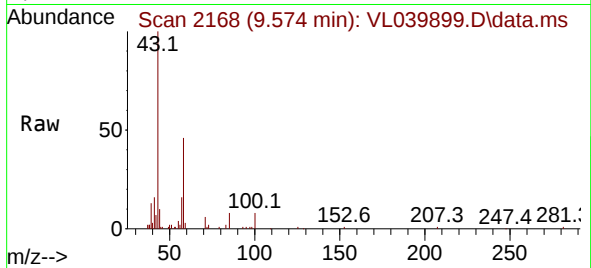
Tgt Ion: 43 Resp: 150029
Ion Ratio Lower Upper
43 100
58 38.4 29.8 44.6





#51
2-Hexanone
Concen: 0.461 ppbv m
RT: 9.574 min Scan# 2158
Delta R.T. 0.032 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

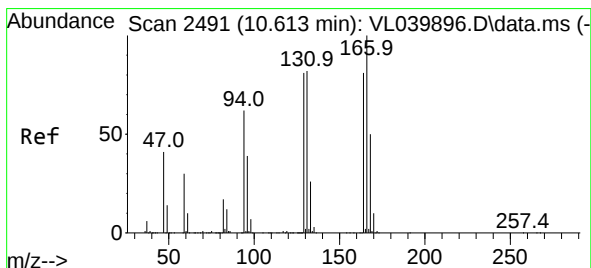
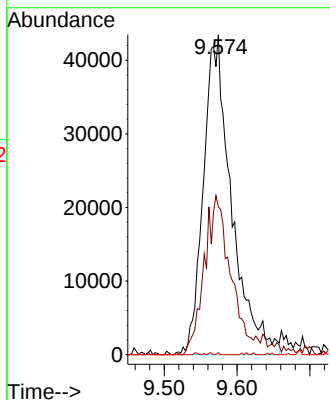
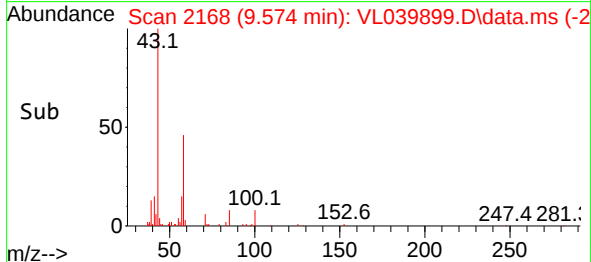
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 116170
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.4
98 0.0 0.1 0.1

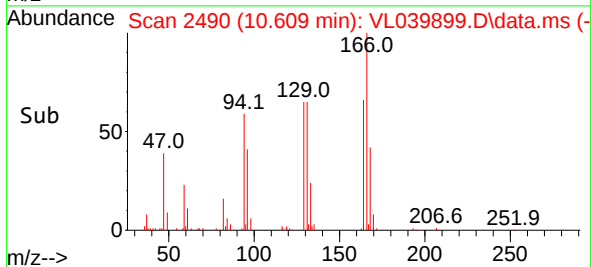
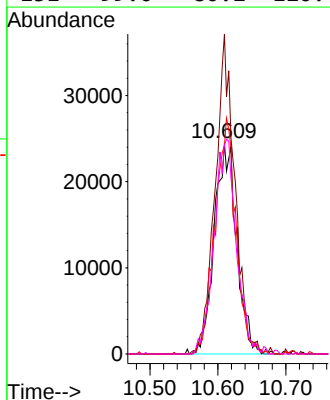
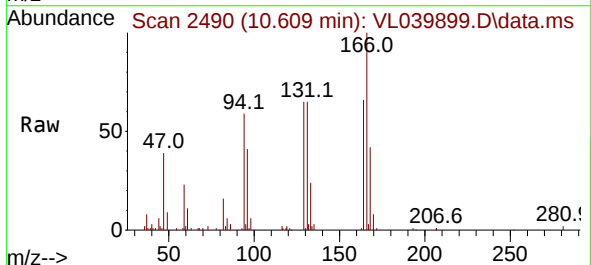
Manual Integrations
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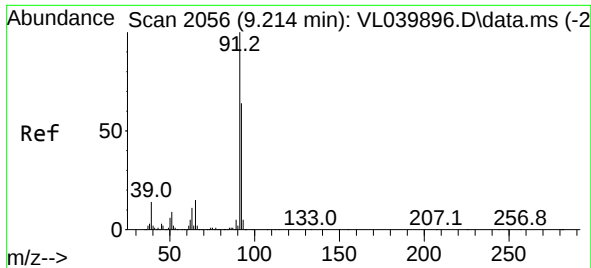
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#52
Tetrachloroethene
Concen: 0.467 ppbv m
RT: 10.609 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

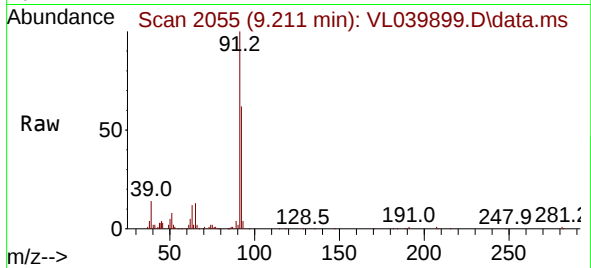
Tgt Ion:164 Resp: 56484
Ion Ratio Lower Upper
164 100
166 151.7 98.3 147.5
129 98.9 79.7 119.5
131 99.0 80.2 120.4





#53
Toluene
Concen: 0.477 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

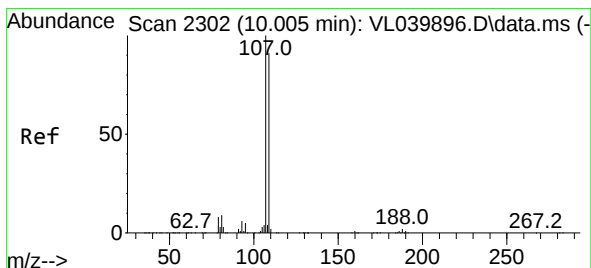
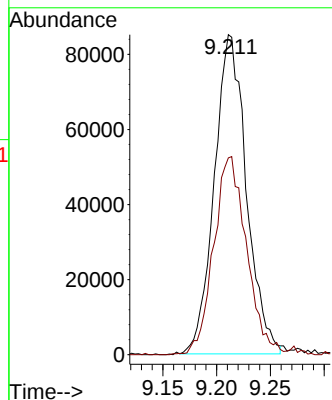
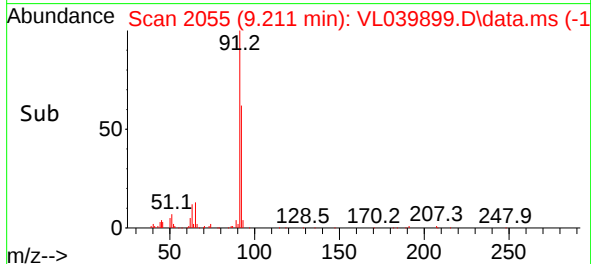
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



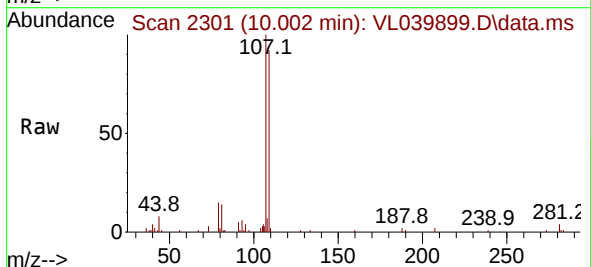
Tgt Ion: 91 Resp: 17664
Ion Ratio Lower Upper
91 100
92 64.5 49.8 74.6

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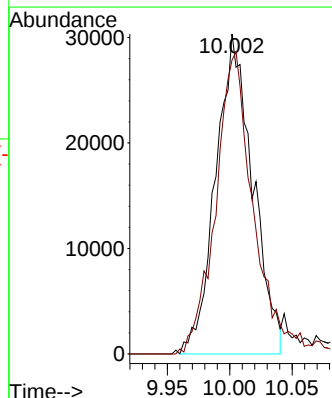
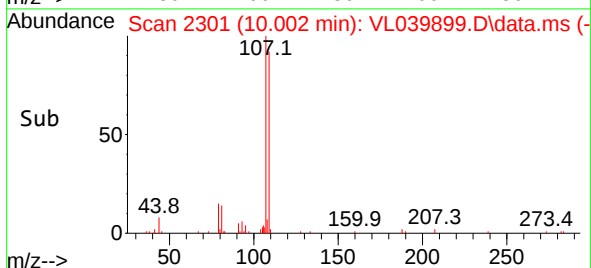
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

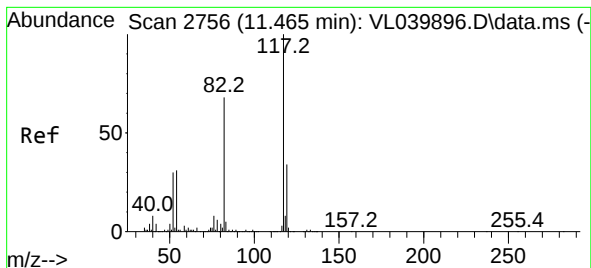


#54
1,2-Dibromoethane
Concen: 0.444 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



Tgt Ion:107 Resp: 62721
Ion Ratio Lower Upper
107 100
109 90.3 72.8 109.2





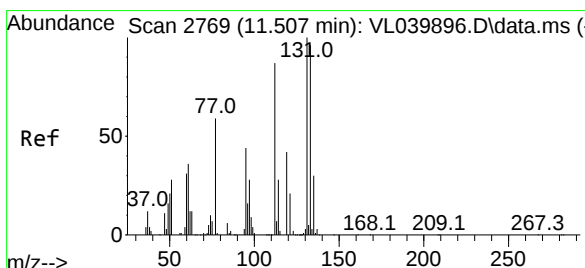
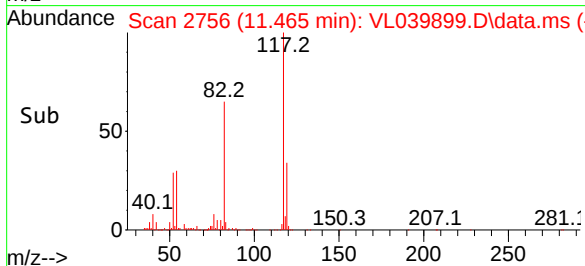
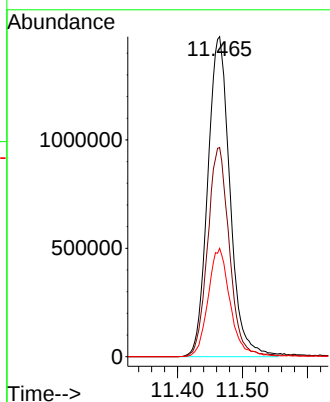
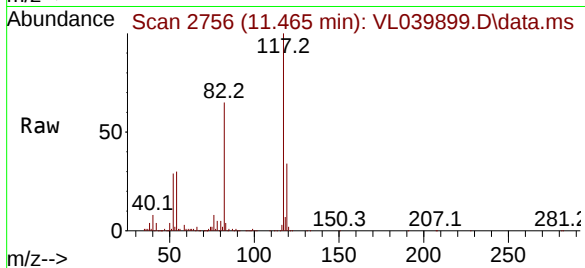
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 3506220
Ion Ratio Lower Upper
117 100
82 64.9 52.3 78.5
119 34.0 25.7 38.5

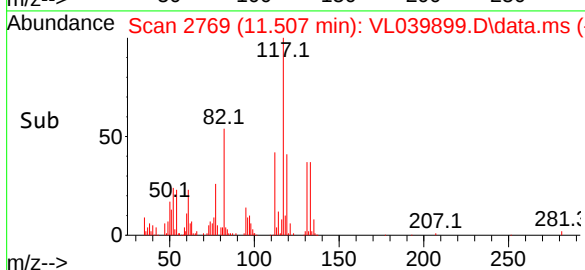
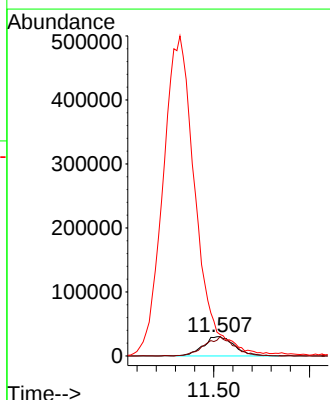
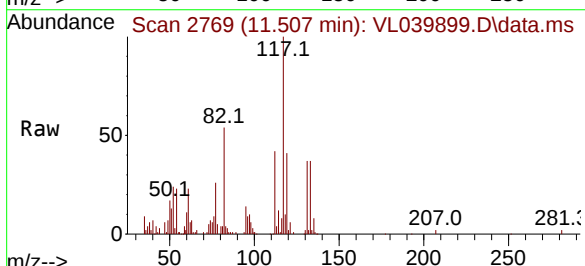
Manual Integrations
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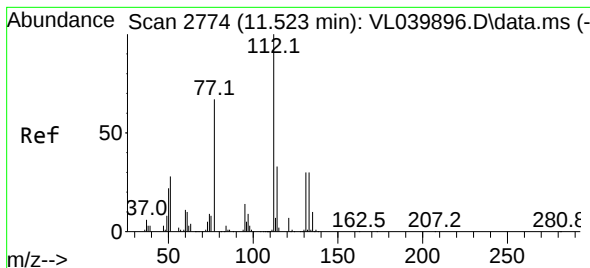
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.455 ppbv m
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

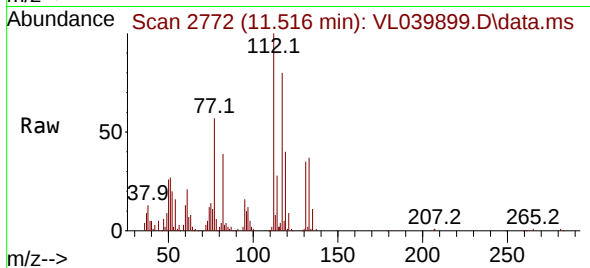
Tgt Ion:131 Resp: 68271
Ion Ratio Lower Upper
131 100
133 94.5 76.7 115.1
119 0.0 46.6 69.8#





#57
Chlorobenzene
Concen: 0.503 ppbv
RT: 11.516 min Scan# 2112
Delta R.T. -0.006 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

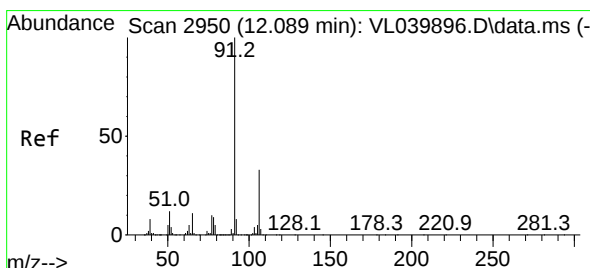
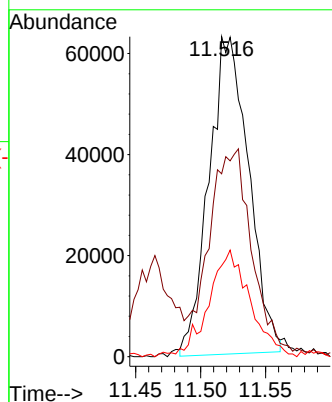
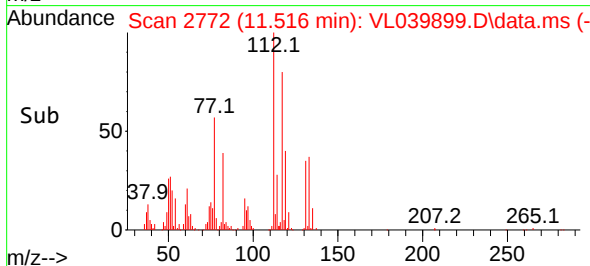
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 13373
Ion Ratio Lower Upper
112 100
77 54.2 54.6 81.8
114 26.5 30.1 36.7

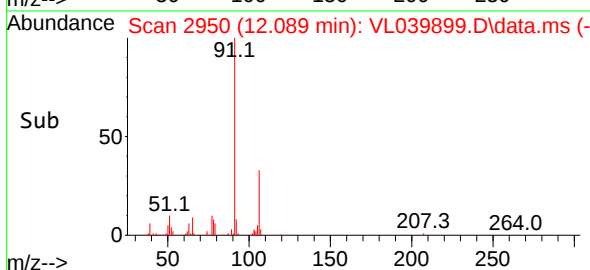
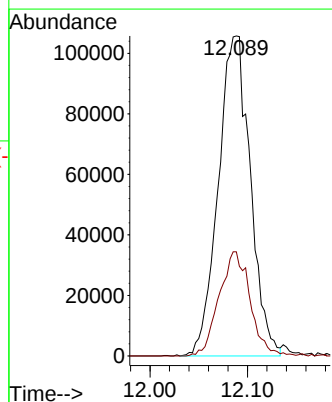
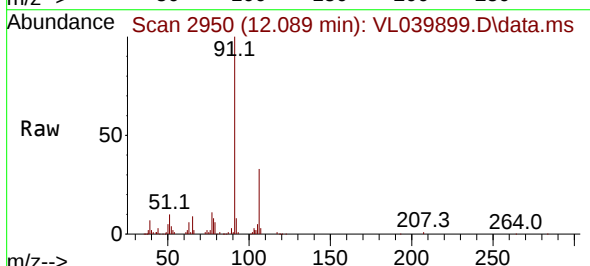
Manual Integrations
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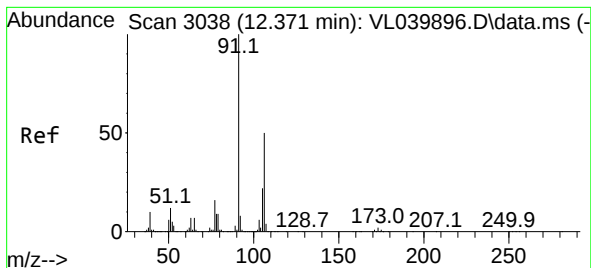
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#58
Ethyl Benzene
Concen: 0.510 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion: 91 Resp: 241695
Ion Ratio Lower Upper
91 100
106 32.3 26.1 39.1





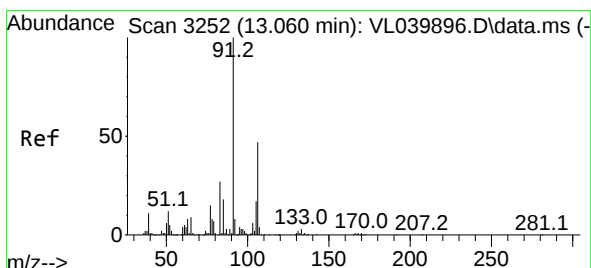
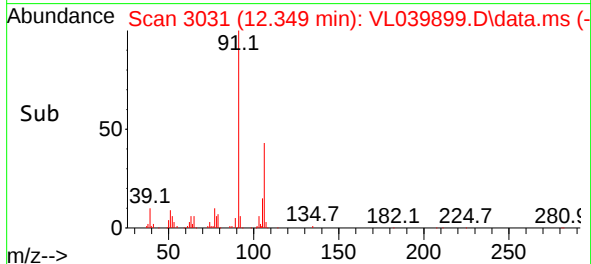
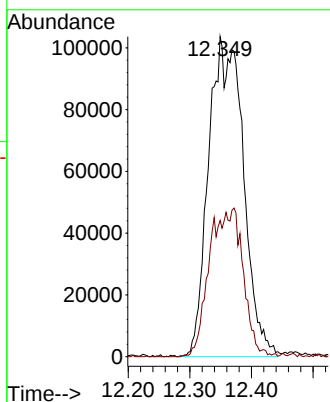
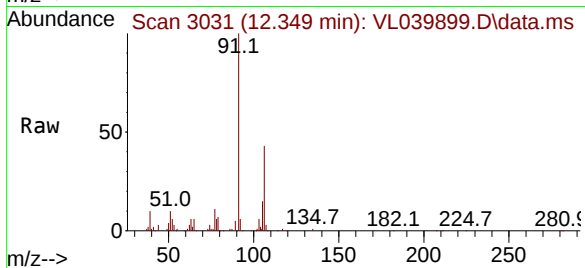
#59
m/p-Xylene
Concen: 1.022 ppbv m
RT: 12.349 min Scan# 3031
Delta R.T. -0.023 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 40455
Ion Ratio Lower Upper
91 100
106 45.1 37.0 55.6

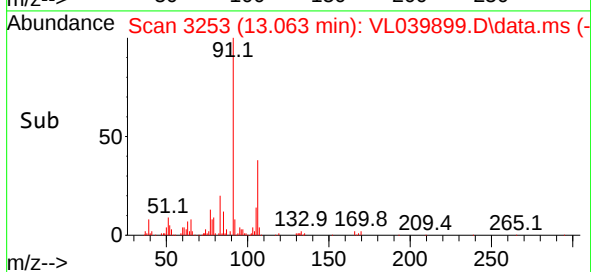
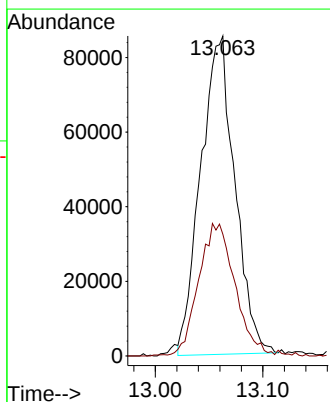
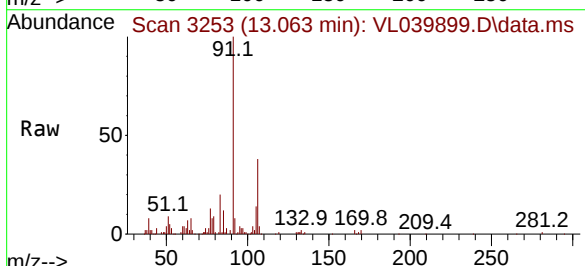
Manual Integrations
APPROVED

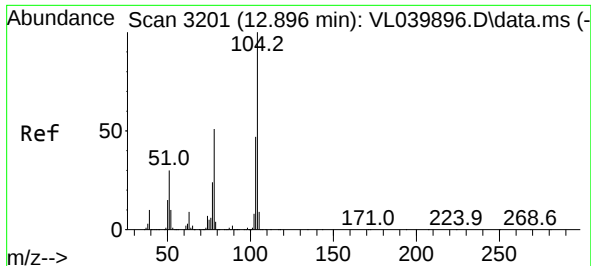
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#60
o-Xylene
Concen: 0.502 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion: 91 Resp: 188295
Ion Ratio Lower Upper
91 100
106 44.6 23.2 69.6





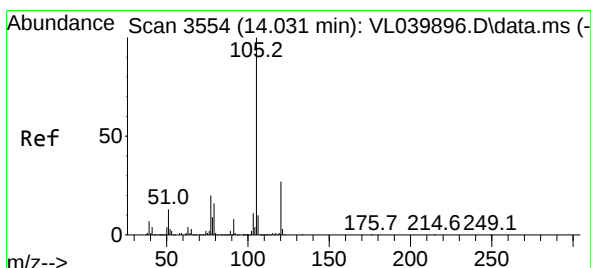
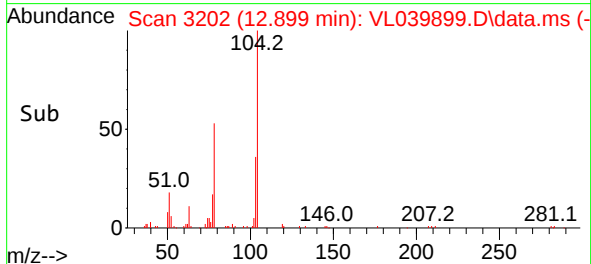
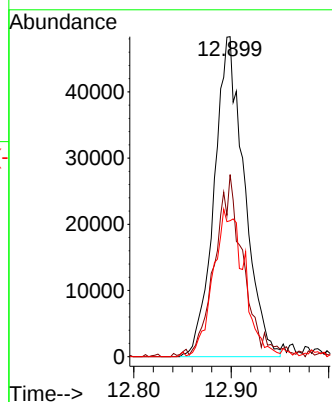
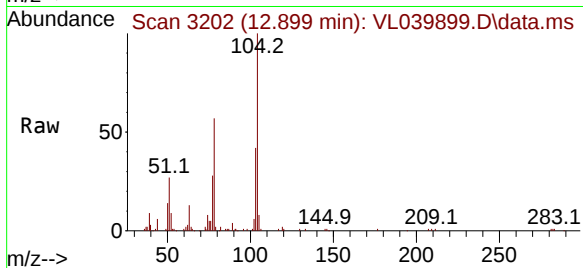
#61
Styrene
Concen: 0.451 ppbv
RT: 12.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 10399
Ion Ratio Lower Upper
104 100
78 55.1 41.8 62.8
103 48.8 37.2 55.8

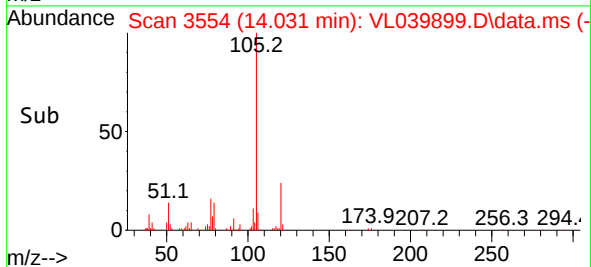
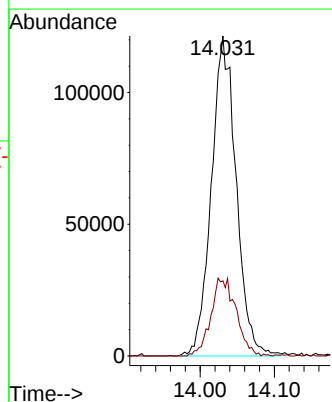
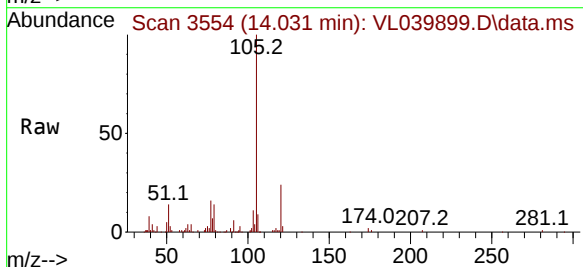
Manual Integrations
APPROVED

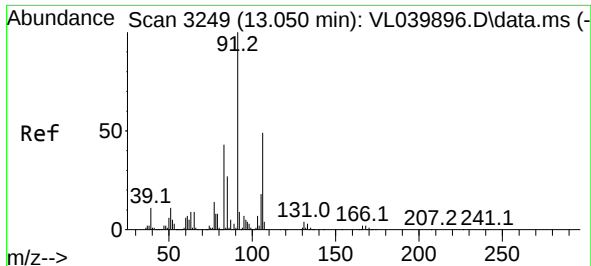
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#62
Isopropylbenzene
Concen: 0.515 ppbv m
RT: 14.031 min Scan# 3554
Delta R.T. -0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Tgt Ion:105 Resp: 281586
Ion Ratio Lower Upper
105 100
120 24.8 21.4 32.2





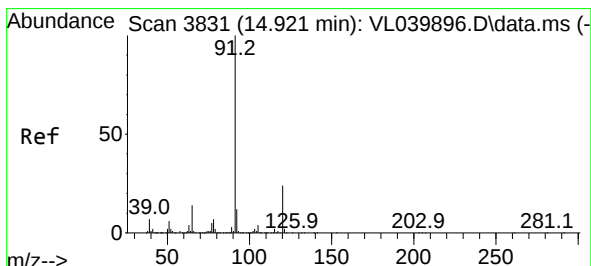
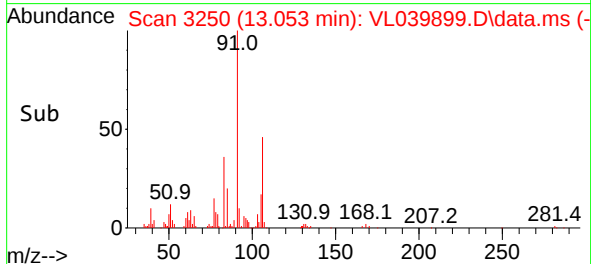
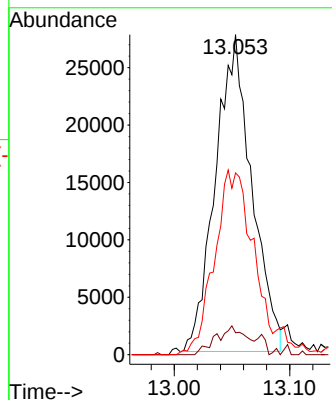
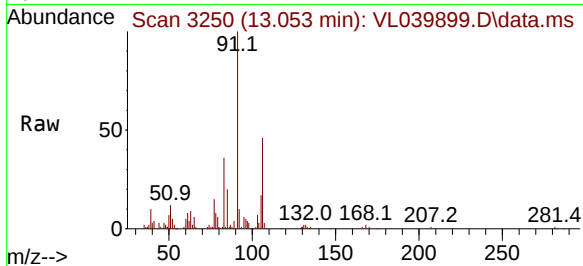
#63
1,1,2,2-Tetrachloroethane
Concen: 0.432 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 6036
Ion Ratio Lower Upper
83 100
131 9.6 4.6 13.8
85 65.8 33.0 99.0

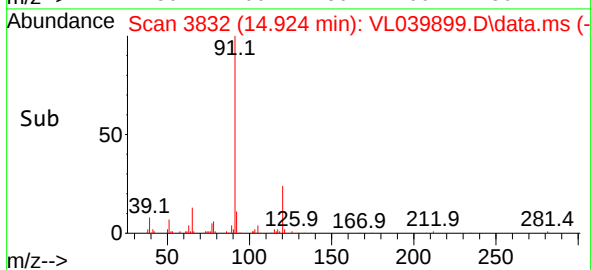
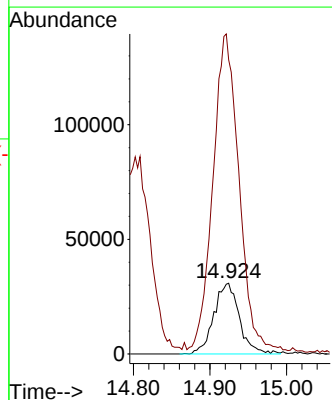
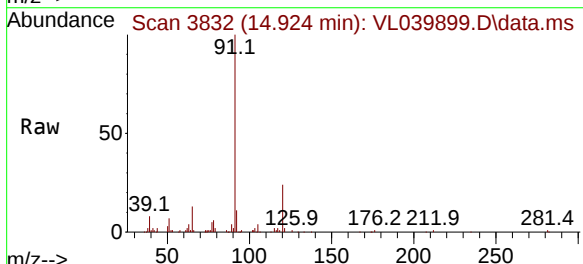
Manual Integrations
APPROVED

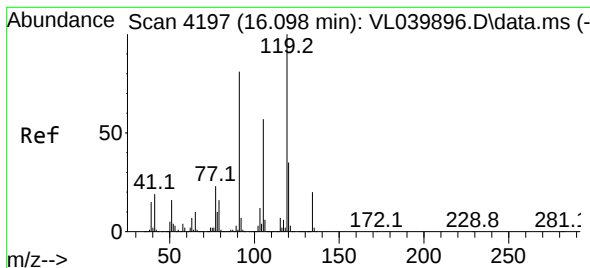
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#64
n-propylbenzene
Concen: 0.488 ppbv m
RT: 14.924 min Scan# 3832
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

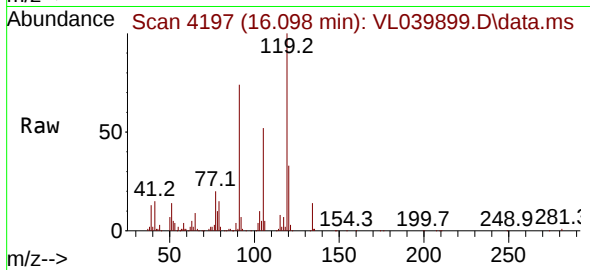
Tgt Ion:120 Resp: 71396
Ion Ratio Lower Upper
120 100
91 468.1 353.7 530.5





#65
tert-Butylbenzene
Concen: 0.505 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

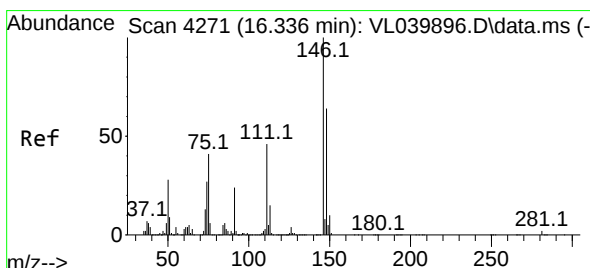
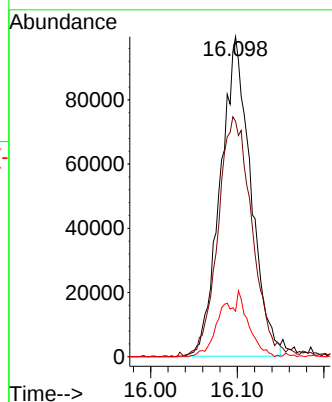
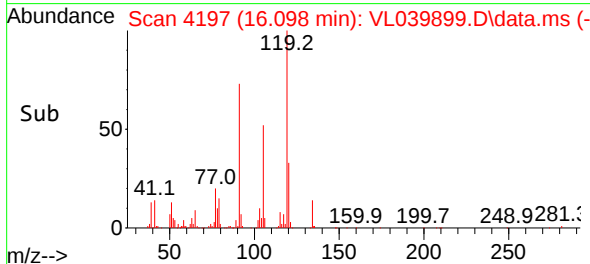
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



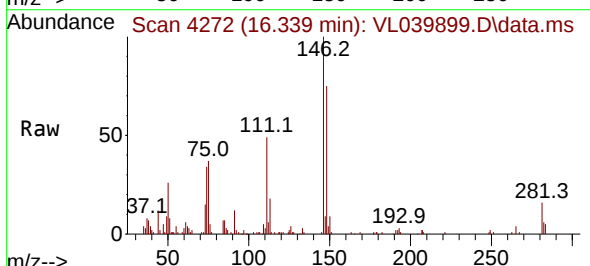
Tgt Ion: 119 Resp: 242668
Ion Ratio Lower Upper
119 100
91 85.2 65.8 98.8
134 19.1 16.1 24.1

Manual Integrations
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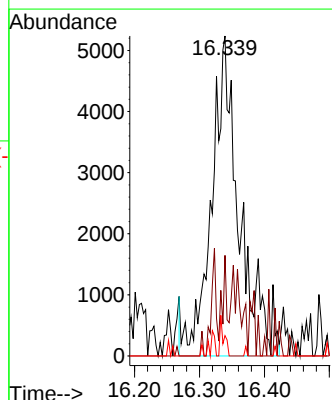
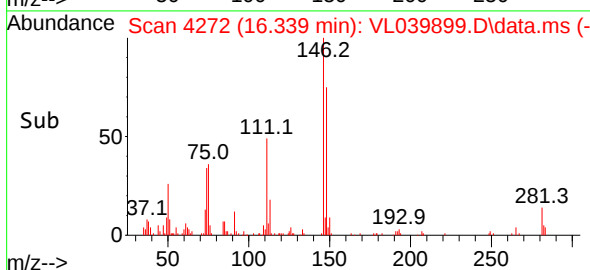
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

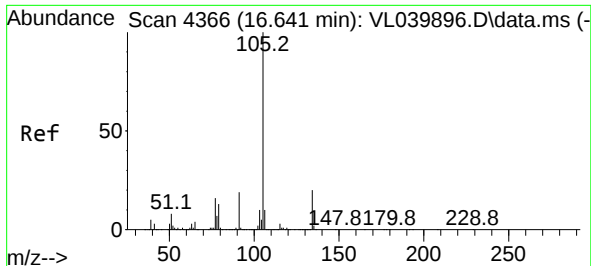


#66
Benzyl Chloride
Concen: 0.274 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



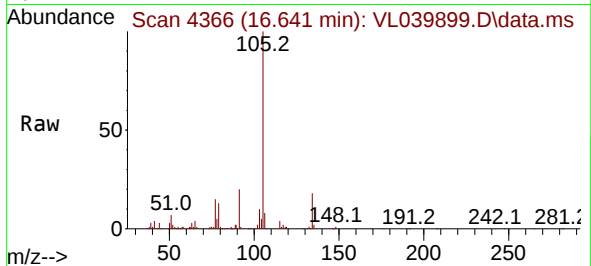
Tgt Ion: 91 Resp: 15308
Ion Ratio Lower Upper
91 100
126 0.0 15.0 22.6#
128 3.3 4.6 7.0#





#67
 sec-Butylbenzene
 Concen: 0.512 ppbv
 RT: 16.641 min Scan# 4366
 Delta R.T. 0.000 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

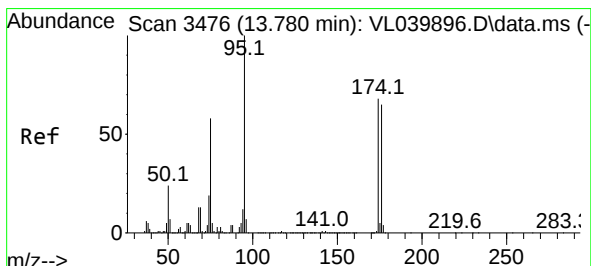
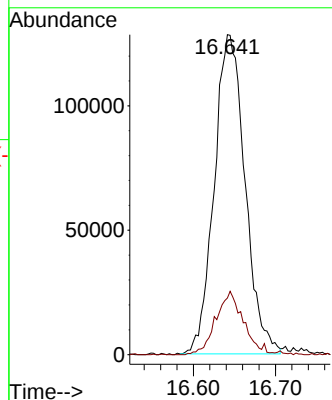
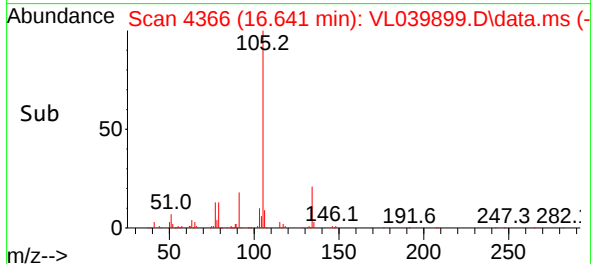
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



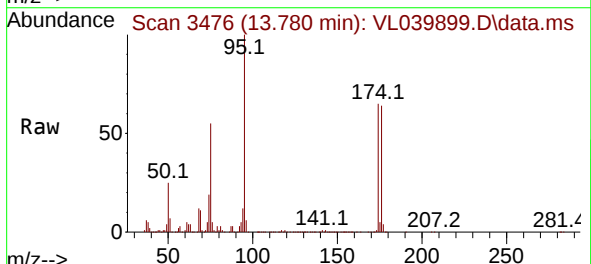
Tgt Ion: 105 Resp: 33451
 Ion Ratio Lower Upper
 105 100
 134 18.2 15.0 22.6

Manual Integrations
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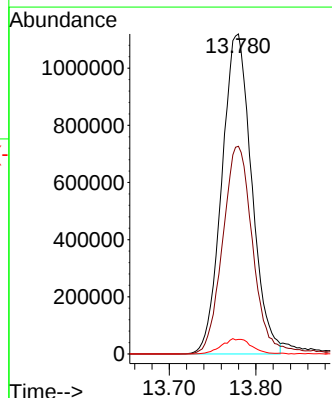
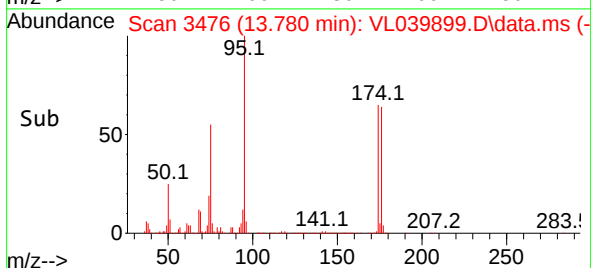
Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

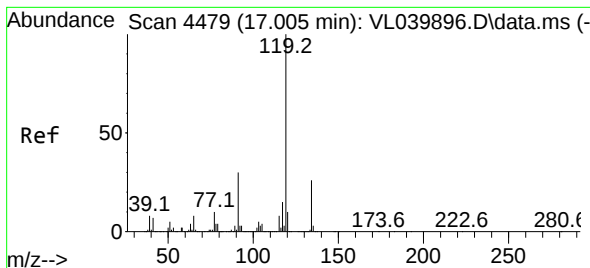


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.194 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40



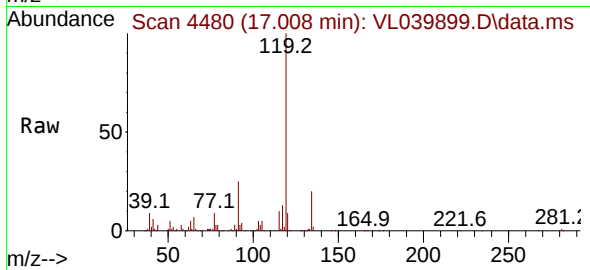
Tgt Ion: 95 Resp: 2675324
 Ion Ratio Lower Upper
 95 100
 174 67.0 53.7 80.5
 175 4.9 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.507 ppbv m
RT: 17.008 min Scan# 4479
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

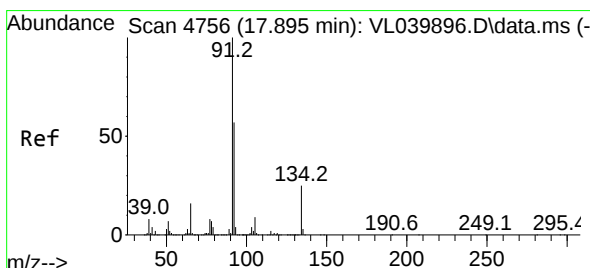
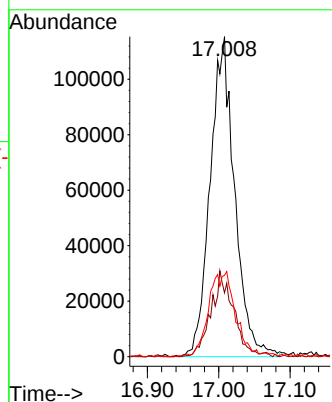
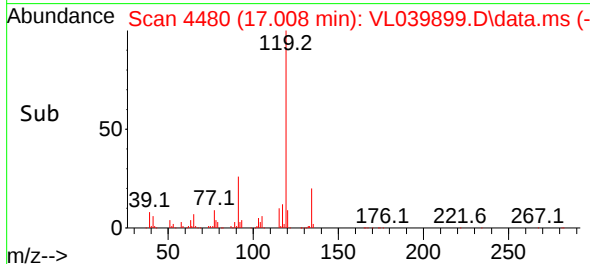
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



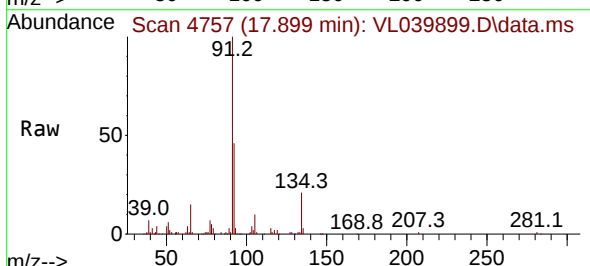
Tgt Ion:119 Resp: 274815
Ion Ratio Lower Upper
119 100
134 25.1 21.0 31.4
91 0.0 24.4 36.6

Manual Integrations
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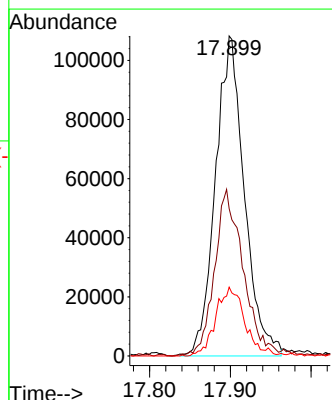
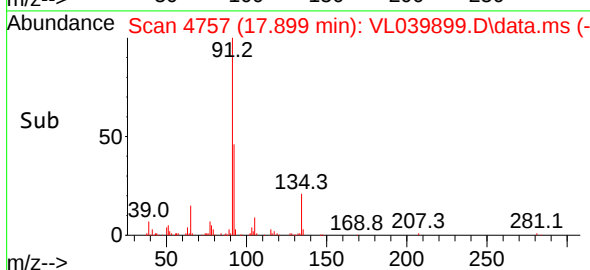
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

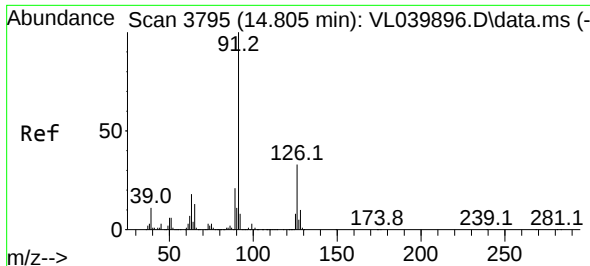


#70
n-Butylbenzene
Concen: 0.513 ppbv m
RT: 17.899 min Scan# 4757
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



Tgt Ion: 91 Resp: 268962
Ion Ratio Lower Upper
91 100
92 52.2 44.2 66.2
134 21.9 18.8 28.2





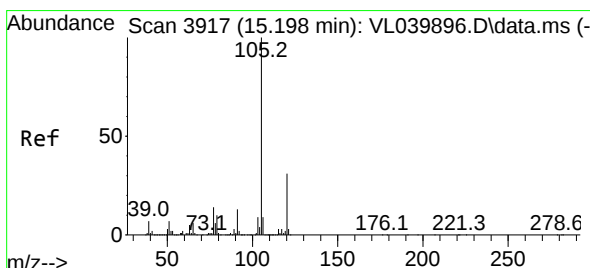
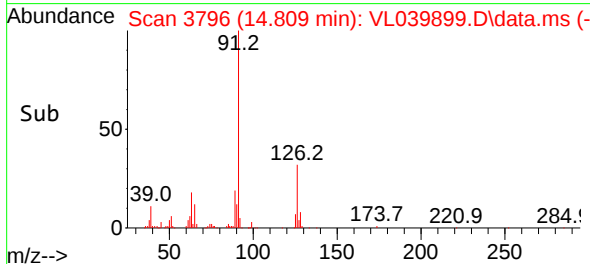
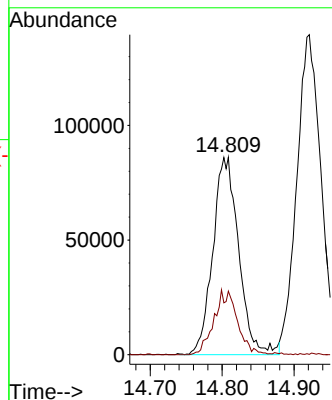
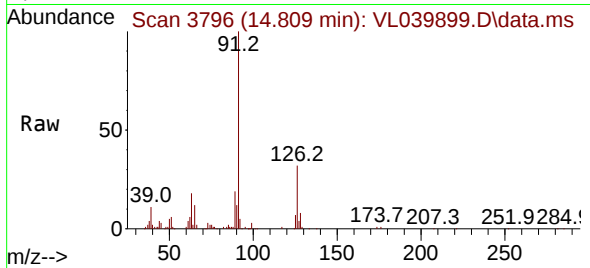
#71
2-Chlorotoluene
Concen: 0.525 ppbv m
RT: 14.809 min Scan# 3795
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 21594
Ion Ratio Lower Upper
91 100
126 1.6 12.8 51.0

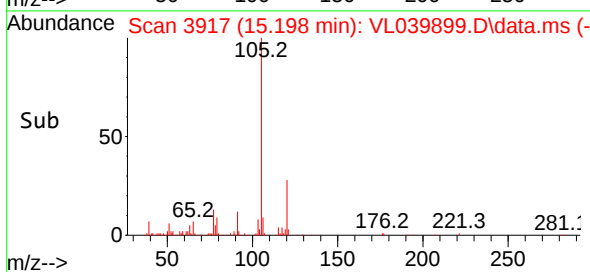
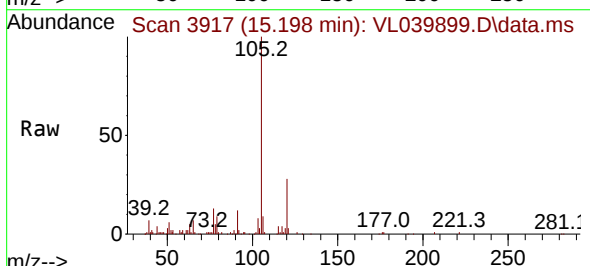
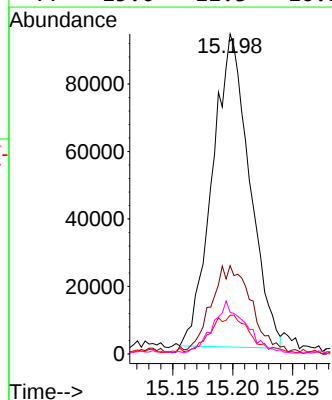
Manual Integrations
APPROVED

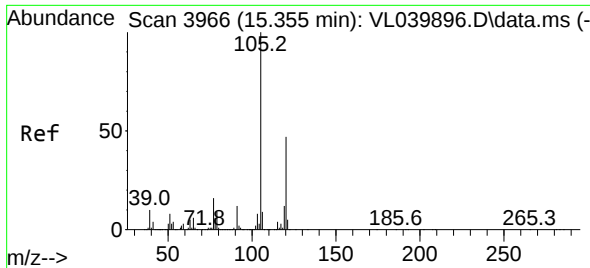
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#72
4-Ethyltoluene
Concen: 0.473 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

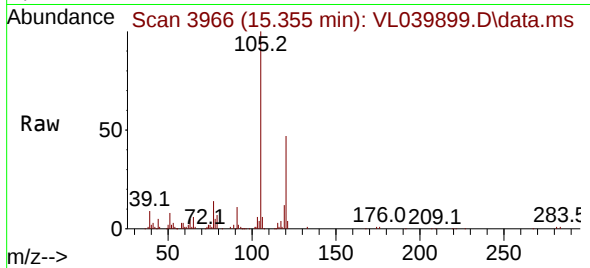
Tgt Ion:105 Resp: 199830
Ion Ratio Lower Upper
105 100
120 31.9 24.5 36.7
91 14.6 10.4 15.6
77 15.0 11.3 16.9





#73
1,3,5-Trimethylbenzene
Concen: 0.541 ppbv m
RT: 15.355 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

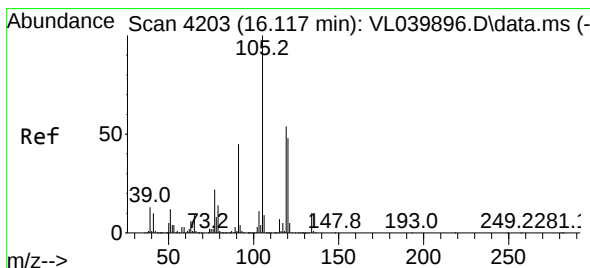
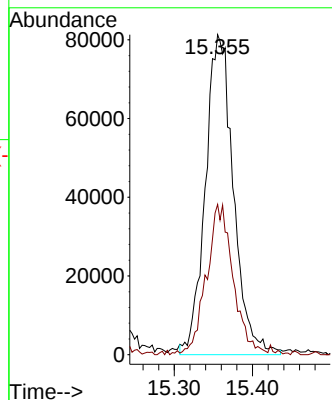
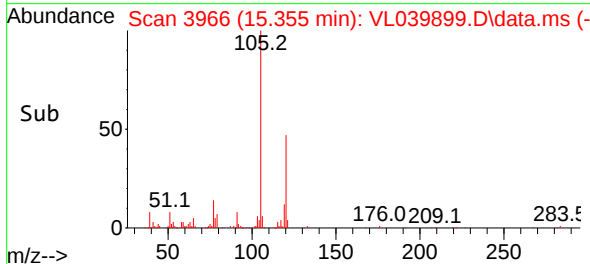
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



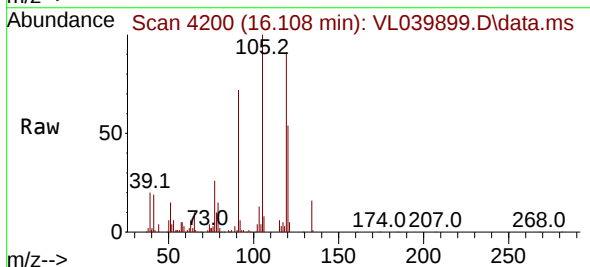
Tgt Ion:105 Resp: 202488
Ion Ratio Lower Upper
105 100
120 46.9 37.9 56.9

Manual Integrations
APPROVED

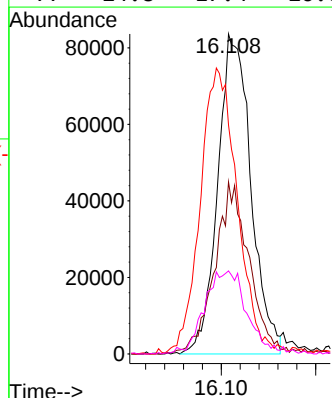
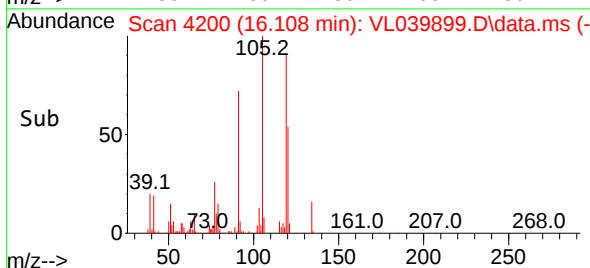
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

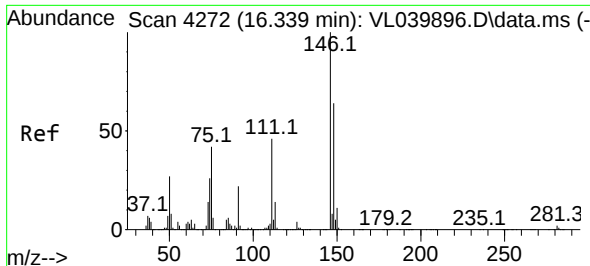


#74
1,2,4-Trimethylbenzene
Concen: 0.512 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.010 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



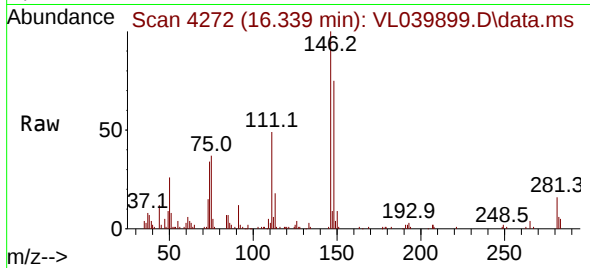
Tgt Ion:105 Resp: 203687
Ion Ratio Lower Upper
105 100
120 52.5 38.7 58.1
91 69.1 36.4 54.6#
77 24.8 17.4 26.0





#75
1,3-Dichlorobenzene
Concen: 0.463 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. 0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

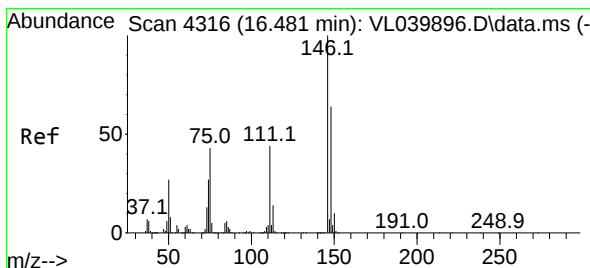
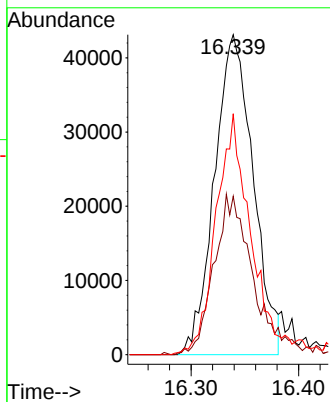
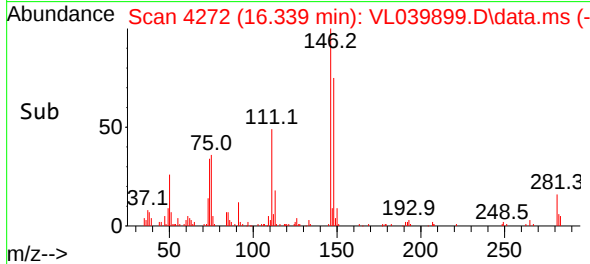
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



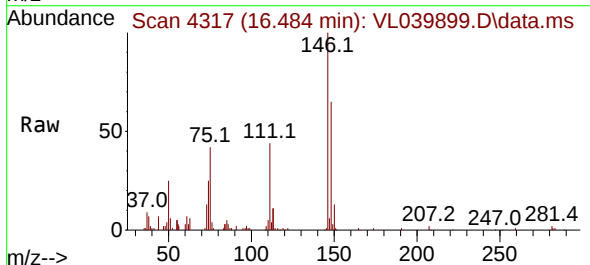
Tgt Ion:146 Resp: 107528
Ion Ratio Lower Upper
146 100
111 51.2 23.3 69.9
148 68.9 32.2 96.6

Manual Integrations
APPROVED

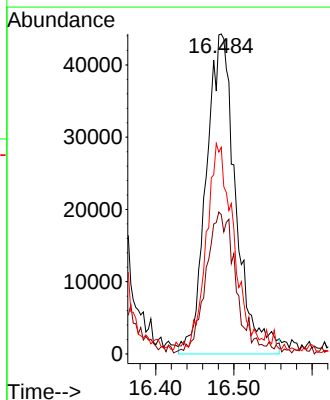
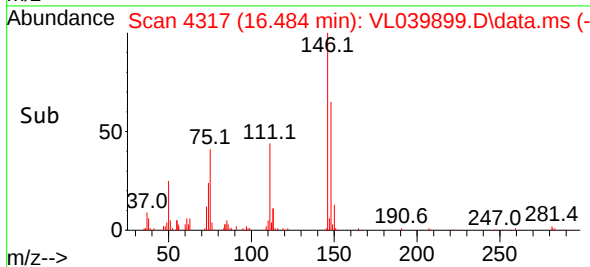
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

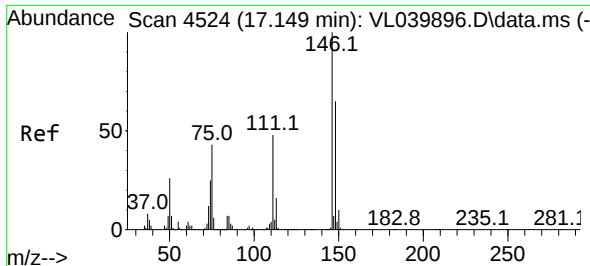


#76
1,4-Dichlorobenzene
Concen: 0.512 ppbv m
RT: 16.484 min Scan# 4317
Delta R.T. 0.003 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



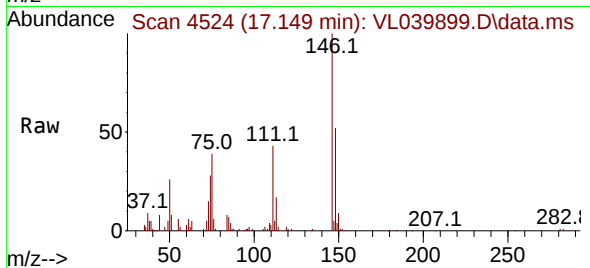
Tgt Ion:146 Resp: 116601
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.3
148 60.5 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 0.525 ppbv m
RT: 17.149 min Scan# 4524
Delta R.T. -0.000 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

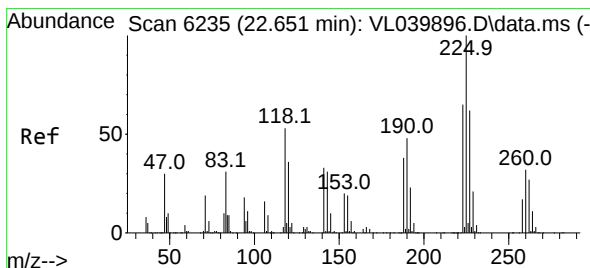
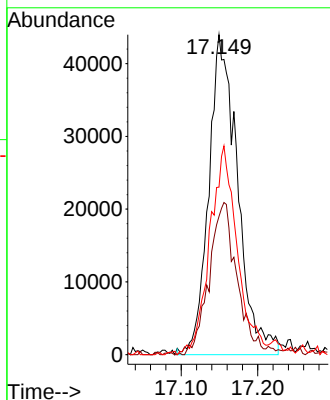
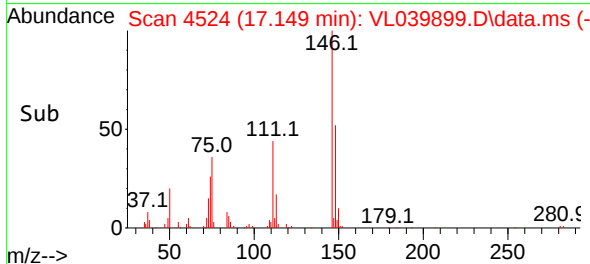
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



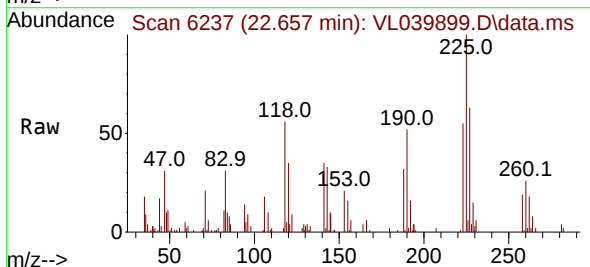
Tgt Ion:146 Resp: 115000
Ion Ratio Lower Upper
146 100
111 47.9 24.1 72.3
148 65.6 32.4 97.2

Manual Integrations
APPROVED

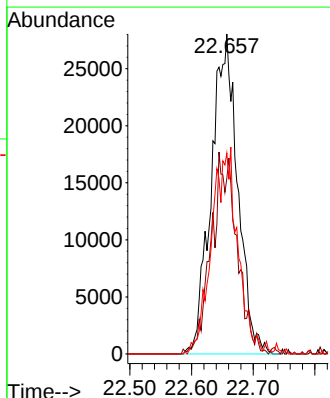
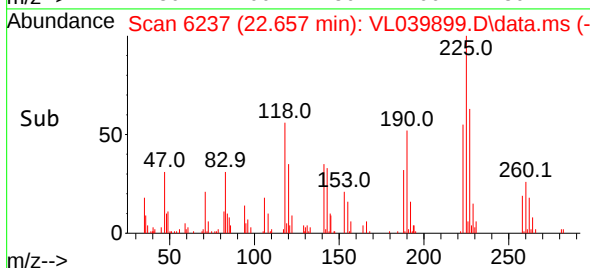
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

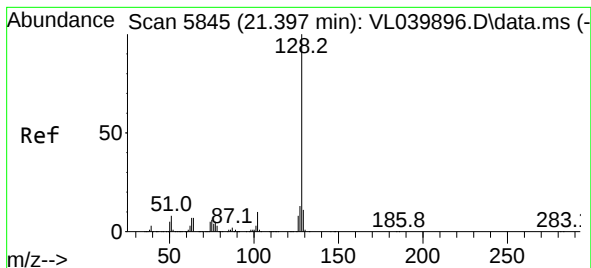


#78
Hexachloro-1,3-Butadiene
Concen: 0.515 ppbv m
RT: 22.657 min Scan# 6237
Delta R.T. 0.006 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



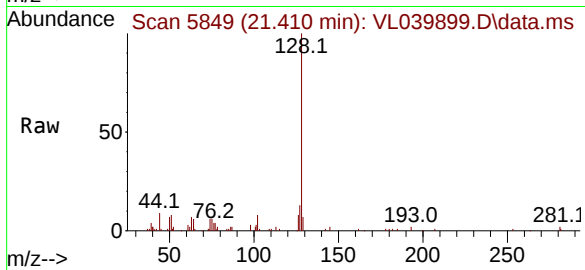
Tgt Ion:225 Resp: 83445
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 50.8 76.2#





#79
Naphthalene
Concen: 0.390 ppbv m
RT: 21.410 min Scan# 5849
Delta R.T. 0.013 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40

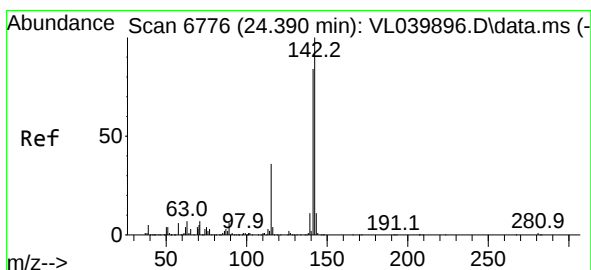
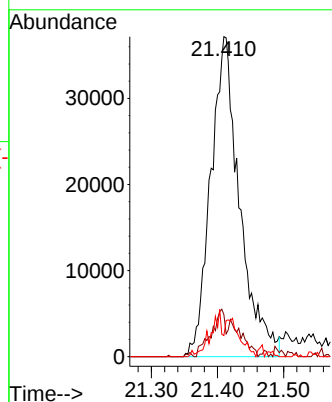
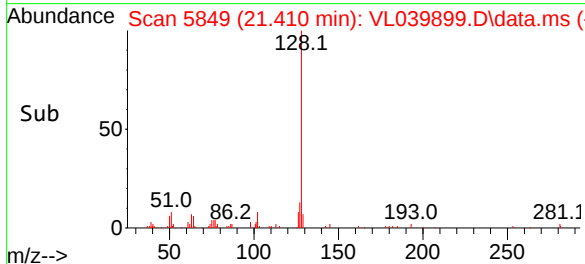
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



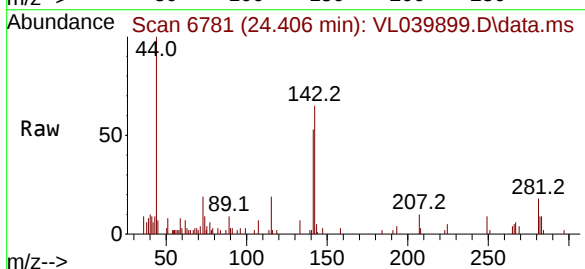
Tgt Ion:128 Resp: 11267
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 6.6 8.8 13.2

Manual Integrations
APPROVED

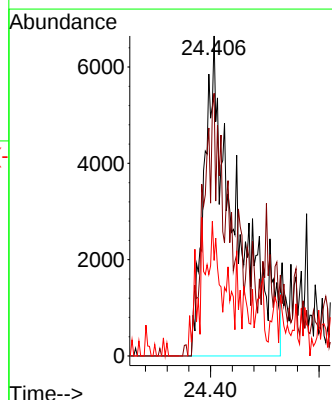
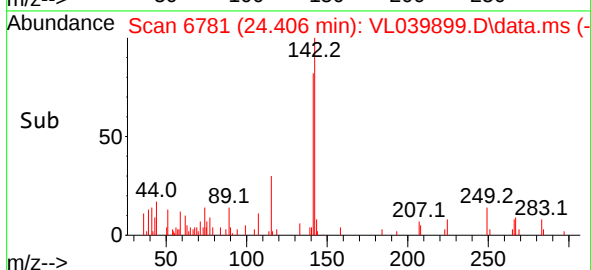
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

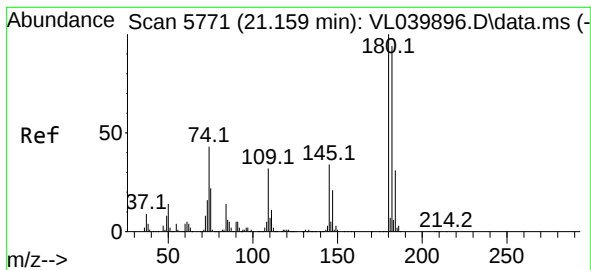


#80
Naphthalene,2-methyl-
Concen: 0.216 ppbv m
RT: 24.406 min Scan# 6781
Delta R.T. 0.016 min
Lab File: VL039899.D
Acq: 18 Nov 2022 10:40



Tgt Ion:142 Resp: 26514
Ion Ratio Lower Upper
142 100
141 74.1 69.1 103.7
115 23.1 29.6 44.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.437 ppbv m
 RT: 21.165 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL039899.D
 Acq: 18 Nov 2022 10:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.0	115.6
184	29.5	25.2	37.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

