

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039579.D
 Acq On : 25 Aug 2022 15:20
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Aug 26 06:06:29 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.201	49	1087279	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2874742	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2718609	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1997889	9.741	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	1926588	13.316	ppbv	99
3) Chlorodifluoromethane	2.693	51	1233302	9.521	ppbv	95
4) Chloromethane	2.832	50	744228	9.538	ppbv	98
5) Vinyl Chloride	2.938	62	668237	10.611	ppbv	99
6) Bromomethane	3.137	94	258903	9.694	ppbv	98
7) Chloroethane	3.214	64	238947	10.128	ppbv	96
8) Dichlorotetrafluoroethane	2.877	85	1556776	10.058	ppbv	95
9) Propene	2.713	41	587320	9.908	ppbv	98
10) Heptane	7.584	43	1449778	10.561	ppbv	99
11) Trichlorofluoromethane	3.581	101	1488652	9.375	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.082	101	1126317	9.590	ppbv	99
13) Ethanol	3.253	45	41429	9.725	ppbv	82
14) Bromoethene	3.385	108	499168	10.402	ppbv	99
15) Acetone	3.484	43	1160310	9.527	ppbv	100
16) 1,3-Butadiene	3.002	39	638171	10.042	ppbv	98
17) tert-Butyl alcohol	3.893	59	1070584	10.299	ppbv	98
18) 1,1-Dichloroethene	3.893	96	511307	9.666	ppbv	98
19) Isopropyl Alcohol	3.591	45	643421	10.860	ppbv #	96
20) Methylene Chloride	3.951	84	427691	8.644	ppbv	98
21) Allyl Chloride	4.012	41	837277	10.568	ppbv	99
22) trans-1,2-Dichloroethene	4.459	96	519029	9.865	ppbv	97
23) Vinyl Acetate	4.639	43	614753	10.615	ppbv	99
24) 1,1-Dichloroethane	4.578	63	1053542	9.828	ppbv	98
25) Ethyl Acetate	5.214	43	2598029	9.969	ppbv	100
26) Hexane	5.224	57	1080807	10.161	ppbv	97
27) Carbon Disulfide	4.137	76	1356382	11.937	ppbv	99
28) Methyl tert-Butyl Ether	4.600	73	921598	10.044	ppbv	99
29) Chloroform	5.288	83	1614703	9.707	ppbv	97
30) Cyclohexane	6.606	84	893383	10.143	ppbv	95
31) cis-1,2-Dichloroethene	5.089	61	1057529	10.265	ppbv	99
32) 1,1,1-Trichloroethane	6.012	97	1565097	10.695	ppbv	99
34) 2-Butanone	4.799	43	1492421	10.443	ppbv	99
35) Carbon Tetrachloride	6.500	117	1699623	10.937	ppbv	99
36) Benzene	6.378	78	2269667	10.357	ppbv	97
37) 1,2-Dichloroethane	5.816	62	1186156	9.827	ppbv	99
38) Trichloroethene	7.295	130	1241722	10.576	ppbv	97
39) 1,2-Dichloropropane	7.079	63	867427	10.528	ppbv	94
40) 1,4-Dioxane	7.291	88	333357	10.335	ppbv #	1
41) Tetrahydrofuran	5.568	42	937959	10.986	ppbv	97
42) Bromodichloromethane	7.253	83	1763514	10.677	ppbv	99
43) Methyl Methacrylate	7.481	69	894525	11.320	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	3782807	10.240	ppbv	98
45) t-1,3-Dichloropropene	8.713	75	908715	13.205	ppbv	98

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Manual Integrations
 APPROVED

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

Quant Time: Aug 26 06:06:29 2022

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

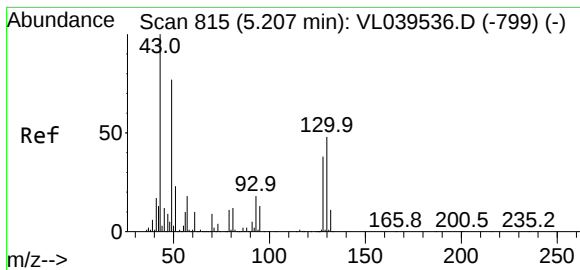
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 2022

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

Response via : Initial Calibration

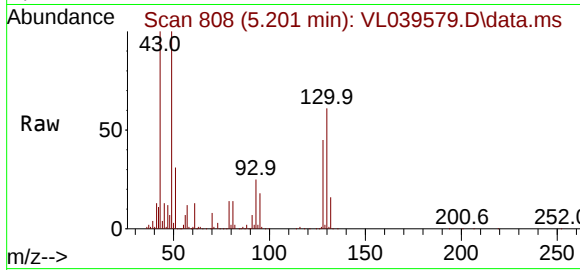
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1198153	12.570	ppbv	95
47) 1,1,2-Trichloroethane	8.899	97	928816	9.871	ppbv	98
48) Dibromochloromethane	9.712	129	1624895	11.715	ppbv	99
49) Bromoform	12.407	173	1379204	12.005	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	2335530	10.489	ppbv	99
51) 2-Hexanone	9.555	43	1820587	11.110	ppbv #	100
52) Tetrachloroethene	10.616	164	867522	10.464	ppbv	93
53) Toluene	9.224	91	2663693	10.861	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1126975	10.709	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.510	131	1141664	10.335	ppbv	98
57) Chlorobenzene	11.529	112	1968938	9.708	ppbv	99
58) Ethyl Benzene	12.092	91	3456246	11.065	ppbv	100
59) m/p-Xylene	12.375	91	5810215m	20.734	ppbv	
60) o-Xylene	13.063	91	2772175	10.306	ppbv	99
61) Styrene	12.902	104	1702425	11.883	ppbv	99
62) Isopropylbenzene	14.034	105	4037590	9.926	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1138934	8.941	ppbv	100
64) n-propylbenzene	14.921	120	1060714	10.034	ppbv	100
65) tert-Butylbenzene	16.095	119	3562200	9.852	ppbv	99
66) Benzyl Chloride	16.330	91	414712	14.120	ppbv	95
67) sec-Butylbenzene	16.638	105	4949697	9.665	ppbv	99
69) p-Isopropyltoluene	16.998	119	4164827	9.797	ppbv	99
70) n-Butylbenzene	17.892	91	4092294	9.676	ppbv	100
71) 2-Chlorotoluene	14.802	91	2972788	10.091	ppbv	99
72) 4-Ethyltoluene	15.195	105	3297973	10.486	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2915745	10.145	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	3115205	9.727	ppbv	93
75) 1,3-Dichlorobenzene	16.333	146	1887347	9.693	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	1853585	9.555	ppbv	98
77) 1,2-Dichlorobenzene	17.143	146	1804425	9.464	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	1477851	9.732	ppbv	99
79) Naphthalene	21.384	128	3124895	13.701	ppbv	98
80) Naphthalene,2-methyl-	24.377	142	1379218	14.900	ppbv	99
81) 1,2,4-Trichlorobenzene	21.140	180	1736370	11.401	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

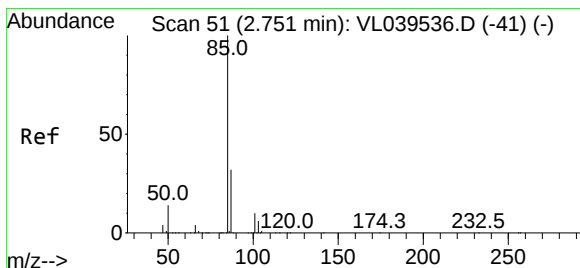
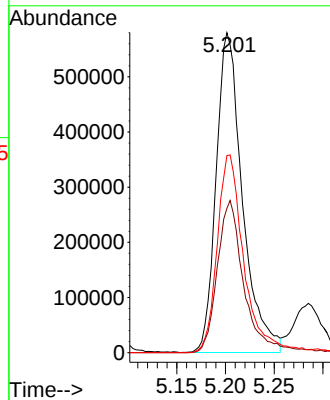
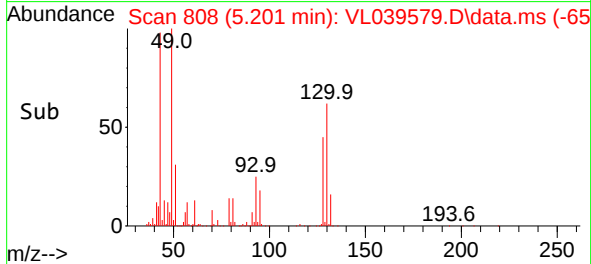
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



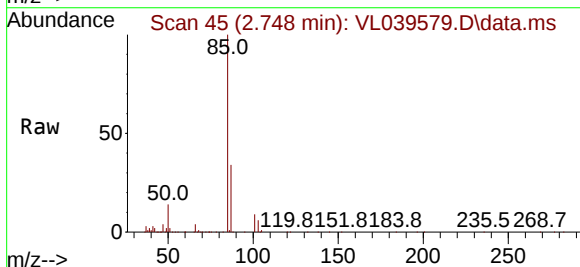
Tgt Ion: 49 Resp: 1087279
Ion Ratio Lower Upper
49 100
128 49.1 26.7 80.0
130 64.5 34.3 102.8

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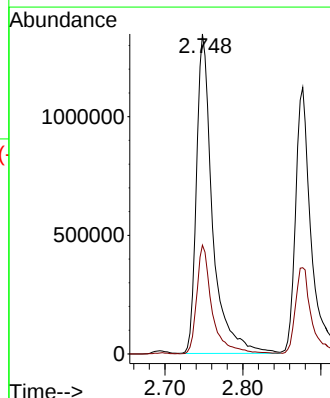
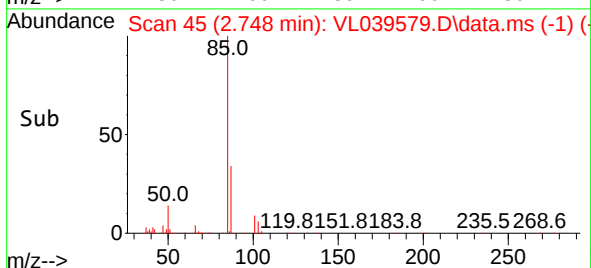
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

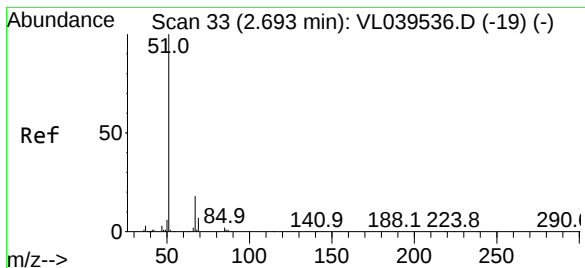


#2
Dichlorodifluoromethane
Concen: 13.316 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



Tgt Ion: 85 Resp: 1926588
Ion Ratio Lower Upper
85 100
87 34.0 26.7 40.1





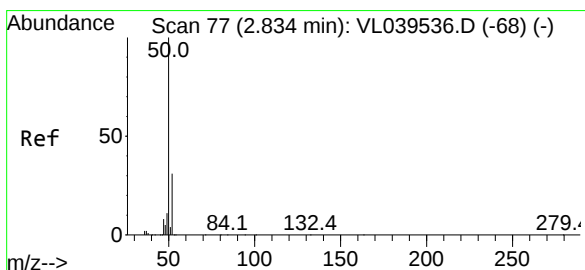
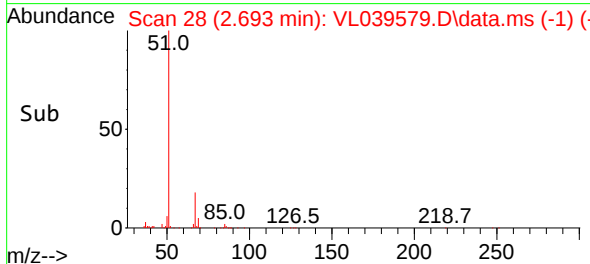
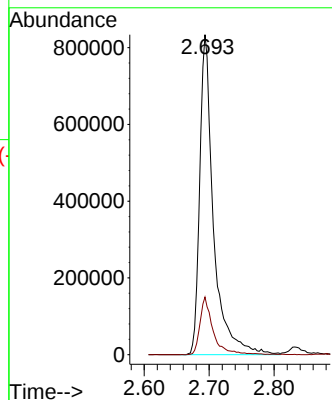
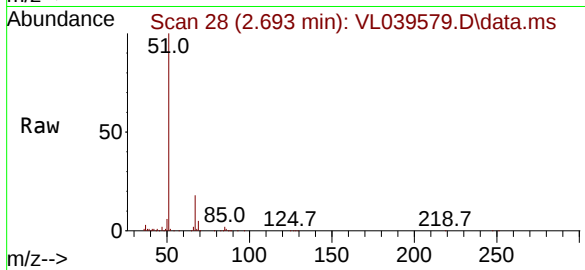
#3
Chlorodifluoromethane
Concen: 9.521 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1233302
Ion Ratio Lower Upper
51 100
67 17.4 15.7 23.5

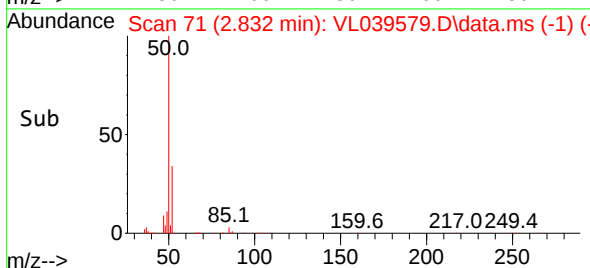
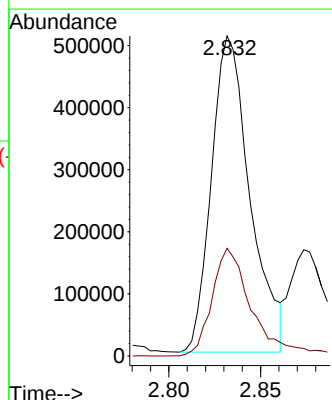
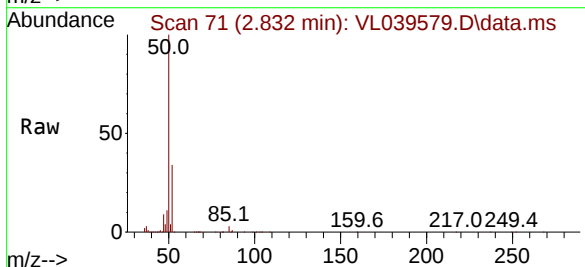
Manual Integrations
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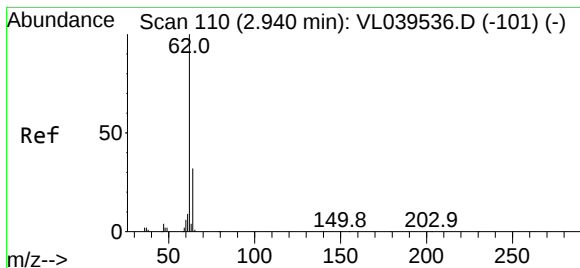
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#4
Chloromethane
Concen: 9.538 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Tgt Ion: 50 Resp: 744228
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7





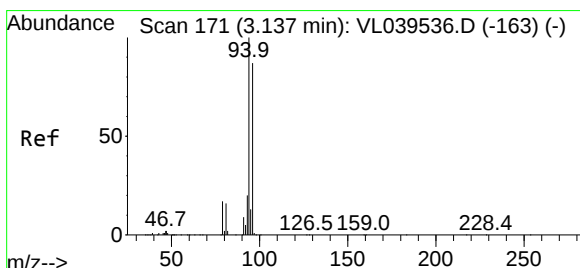
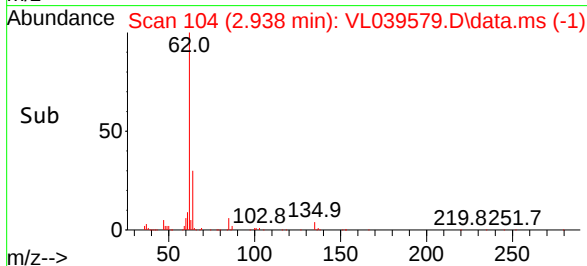
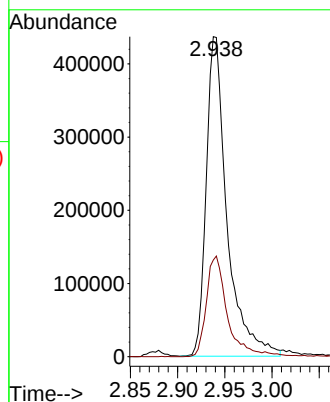
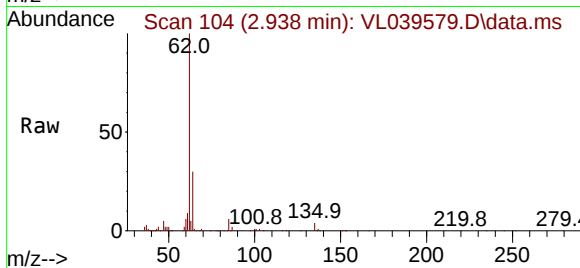
#5
 Vinyl Chloride
 Concen: 10.611 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. -0.003 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 66823
 Ion Ratio Lower Upper
 62 100
 64 30.3 24.6 36.8

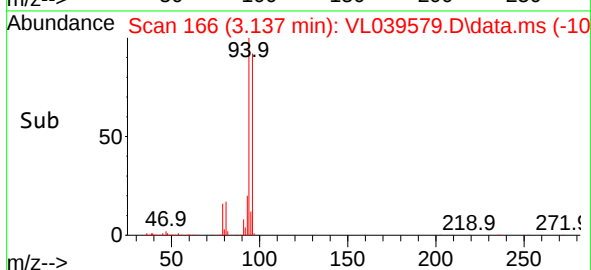
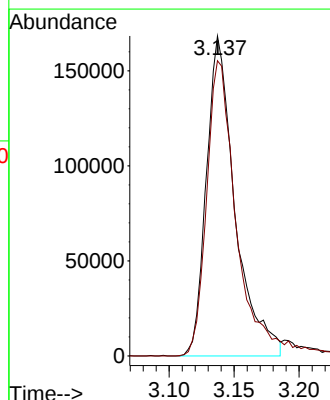
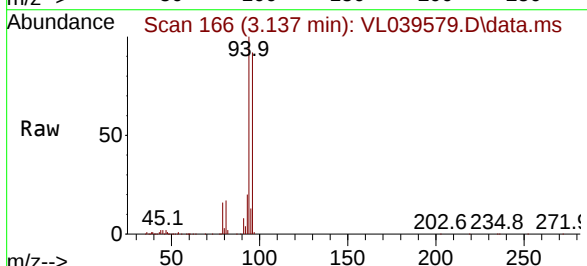
Manual Integrations
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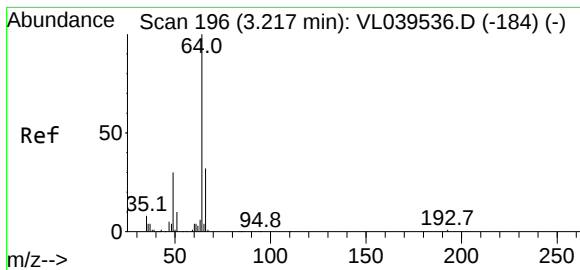
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#6
 Bromomethane
 Concen: 9.694 ppbv
 RT: 3.137 min Scan# 166
 Delta R.T. 0.001 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20

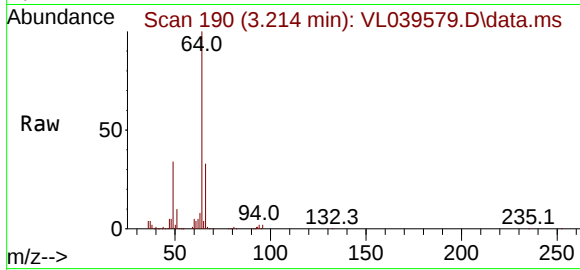
Tgt Ion: 94 Resp: 258903
 Ion Ratio Lower Upper
 94 100
 96 92.1 75.6 113.4





#7
Chloroethane
Concen: 10.128 ppbv
RT: 3.214 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

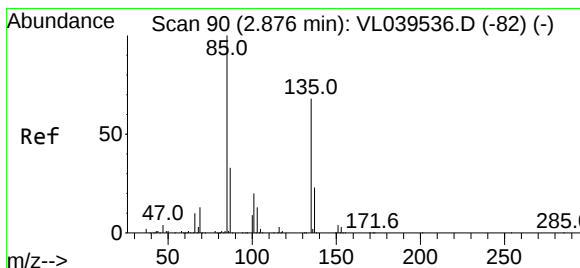
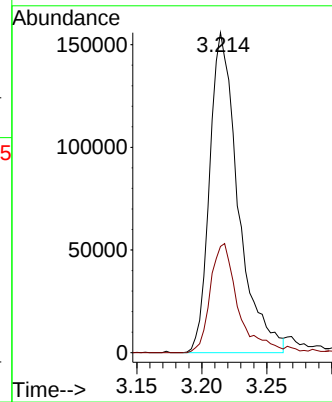
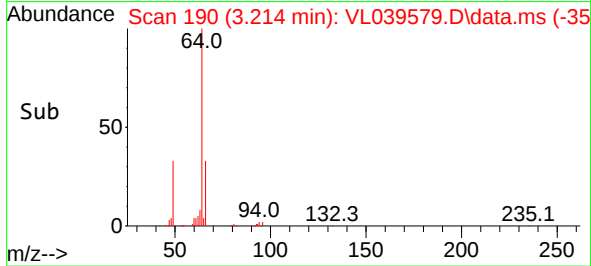
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



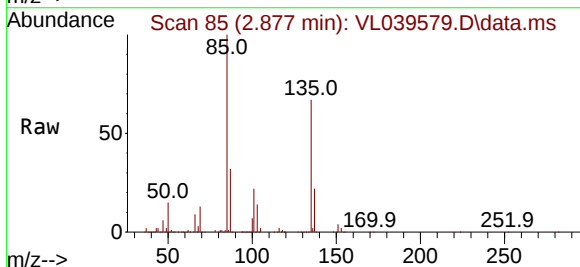
Tgt Ion: 64 Resp: 23894
Ion Ratio Lower Upper
64 100
66 33.2 24.7 37.1

Manual Integrations
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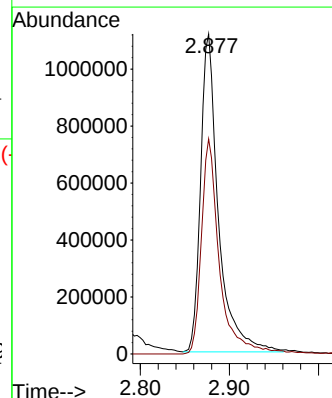
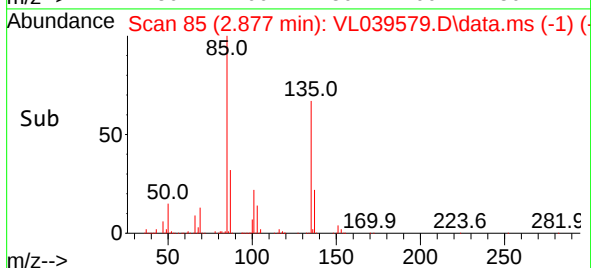
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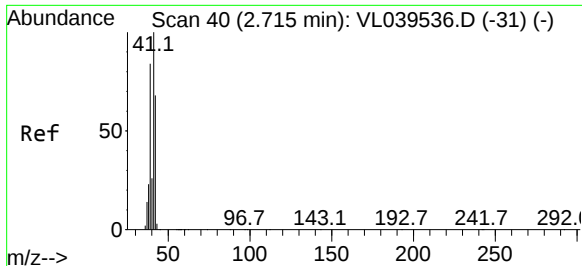


#8
Dichlorotetrafluoroethane
Concen: 10.058 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



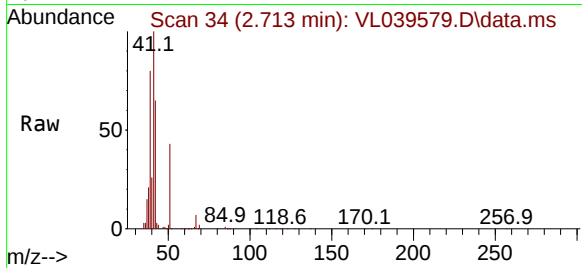
Tgt Ion: 85 Resp: 1556776
Ion Ratio Lower Upper
85 100
135 69.2 59.0 88.4





#9
 Propene
 Concen: 9.908 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20

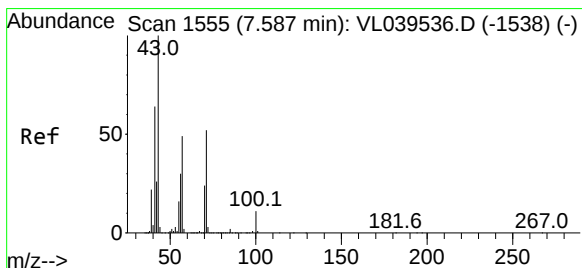
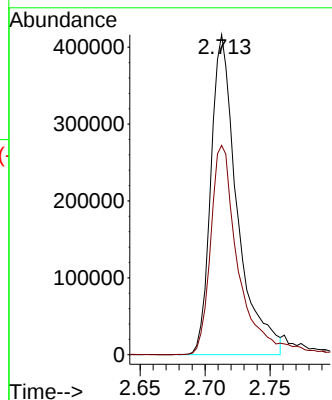
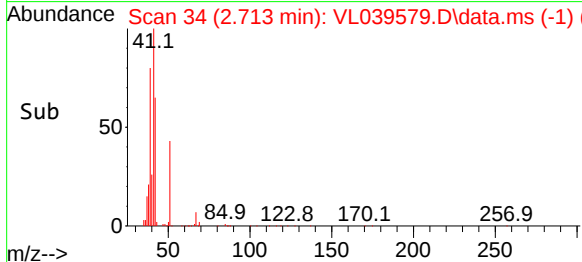
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 587320
 Ion Ratio Lower Upper
 41 100
 42 70.4 55.2 82.8

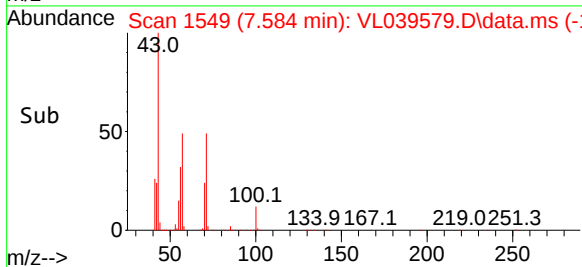
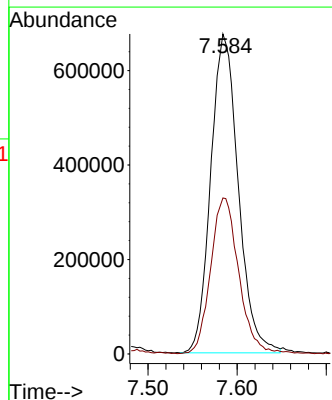
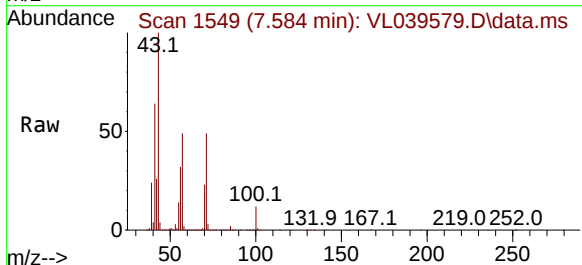
Manual Integrations
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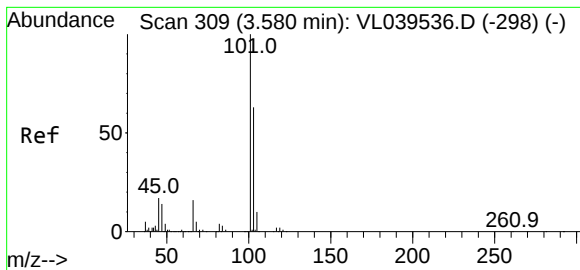
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#10
 Heptane
 Concen: 10.561 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.003 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20

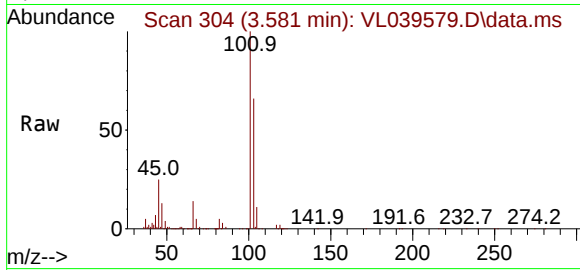
Tgt Ion: 43 Resp: 1449778
 Ion Ratio Lower Upper
 43 100
 57 50.0 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.375 ppbv
RT: 3.581 min Scan# 309
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

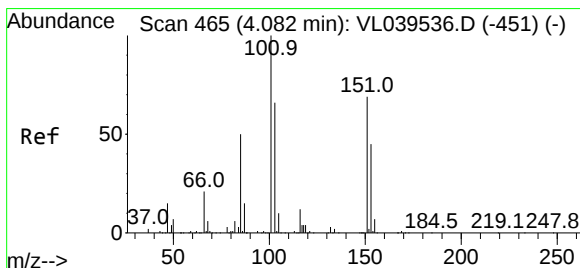
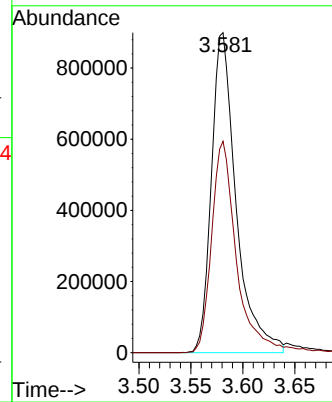
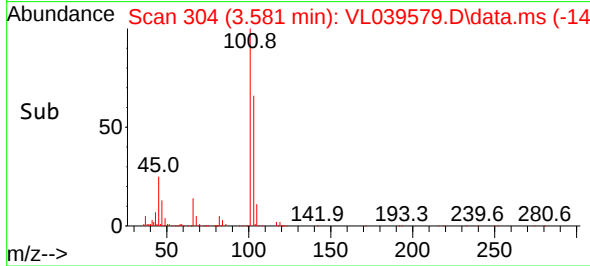
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 1488652
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.8

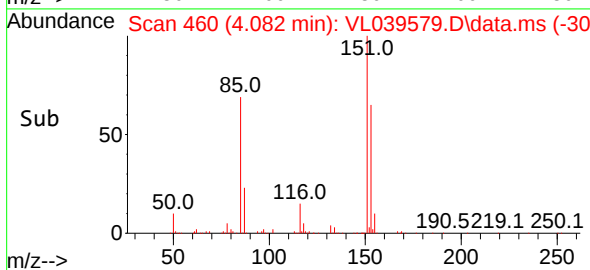
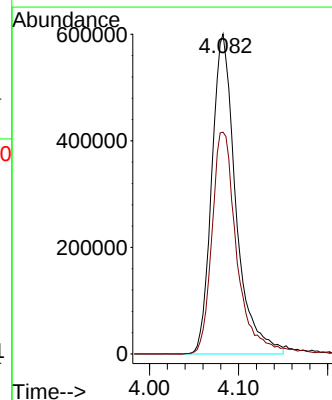
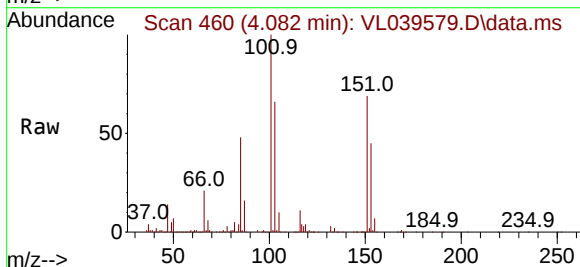
Manual Integrations
APPROVED

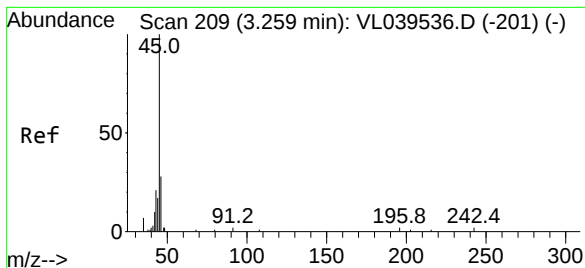
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.590 ppbv
RT: 4.082 min Scan# 460
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

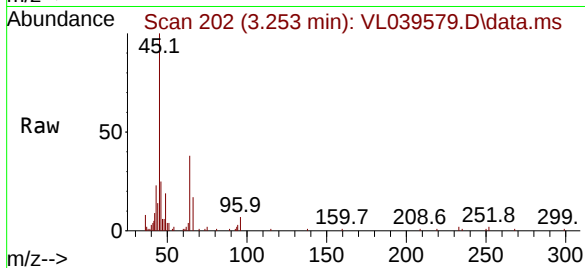
Tgt Ion:101 Resp: 1126317
Ion Ratio Lower Upper
101 100
151 72.7 58.9 88.3





#13
Ethanol
Concen: 9.725 ppbv
RT: 3.253 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

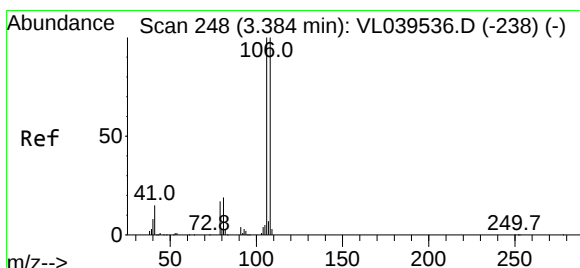
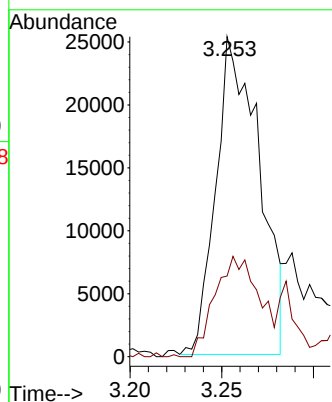
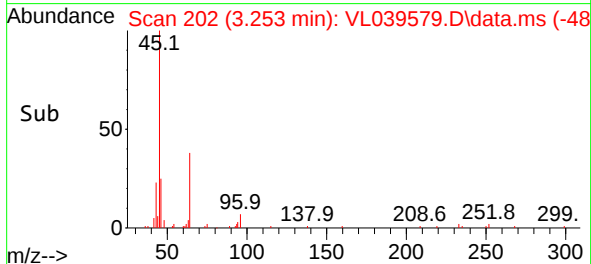
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



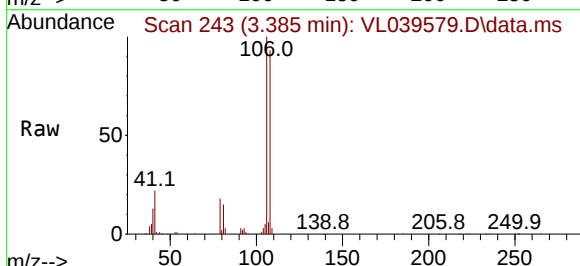
Tgt Ion: 45 Resp: 41429
Ion Ratio Lower Upper
45 100
46 43.9 22.8 91.2

Manual Integrations
APPROVED

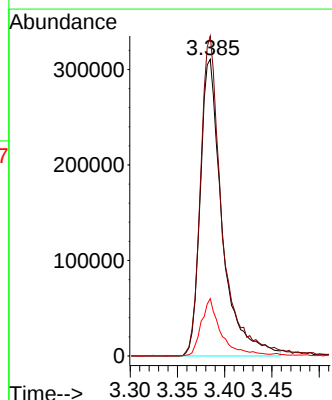
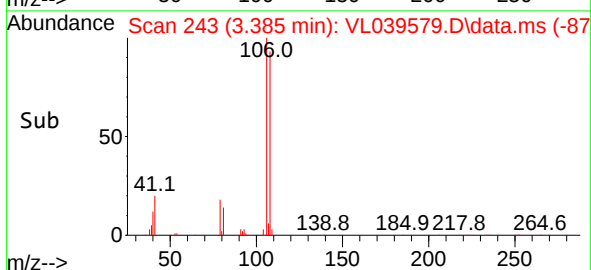
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

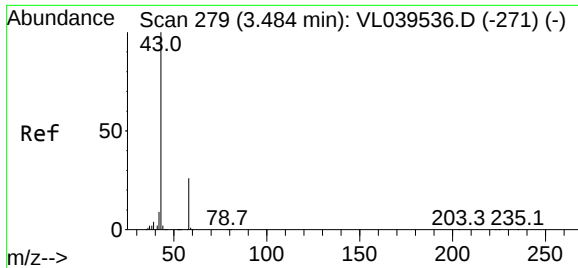


#14
Bromoethene
Concen: 10.402 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



Tgt Ion:108 Resp: 499168
Ion Ratio Lower Upper
108 100
106 108.0 87.1 130.7
79 17.9 14.6 22.0





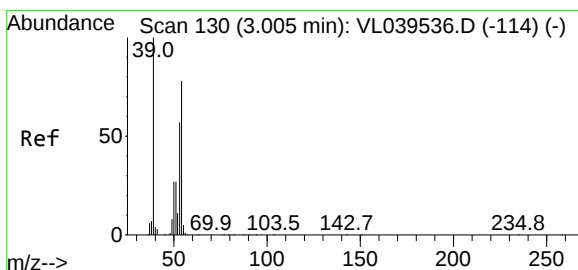
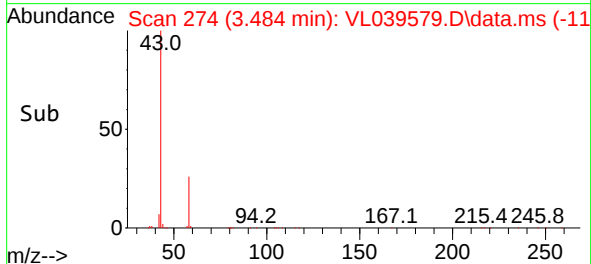
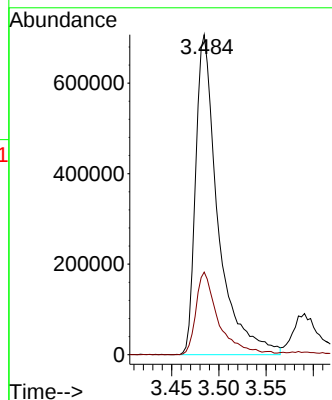
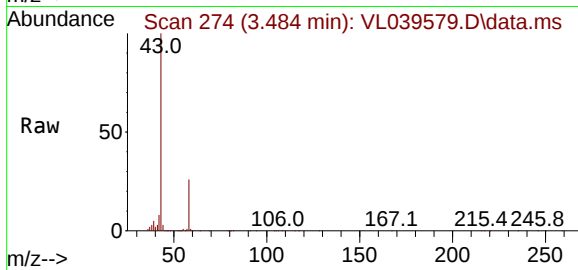
#15
Acetone
Concen: 9.527 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1160310
Ion Ratio Lower Upper
43 100
58 26.1 21.0 31.6

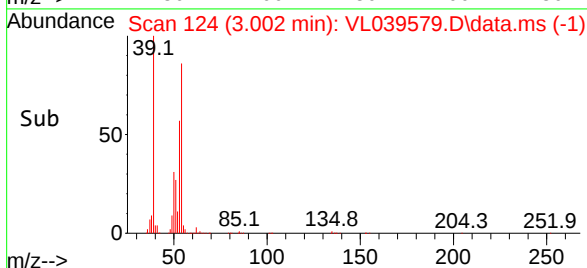
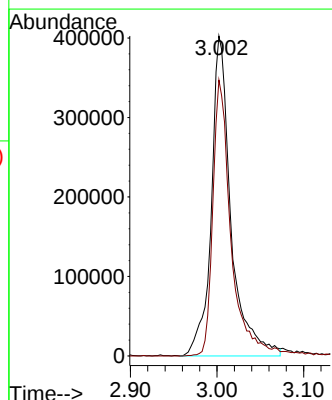
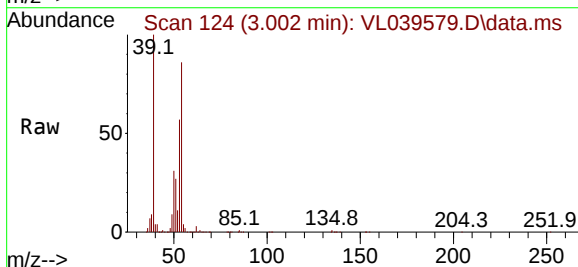
Manual Integrations
APPROVED

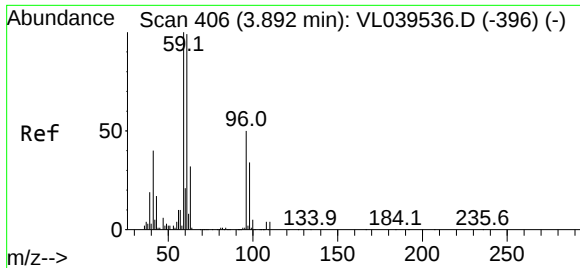
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#16
1,3-Butadiene
Concen: 10.042 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Tgt Ion: 39 Resp: 638171
Ion Ratio Lower Upper
39 100
54 81.0 63.7 95.5





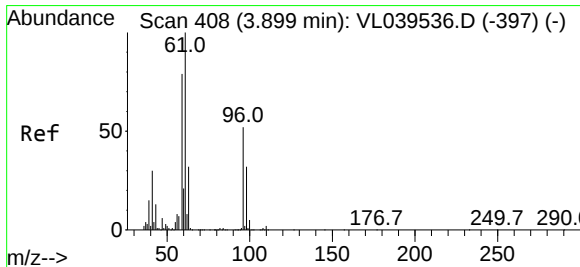
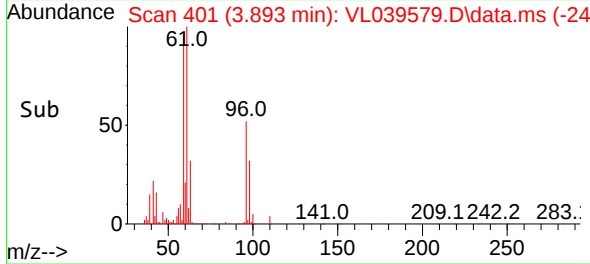
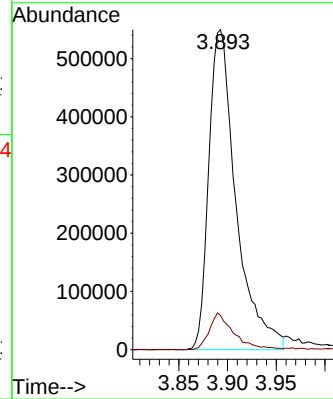
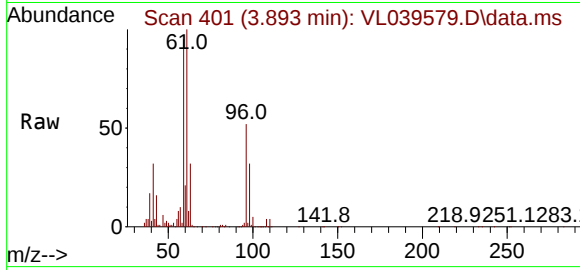
#17
tert-Butyl alcohol
Concen: 10.299 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1070584
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

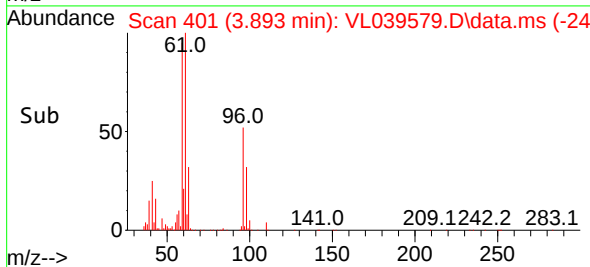
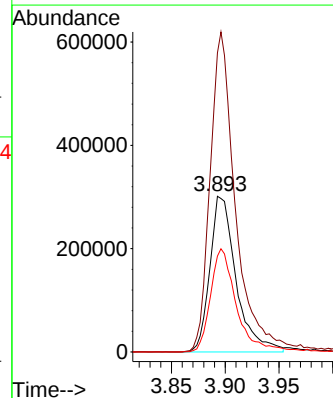
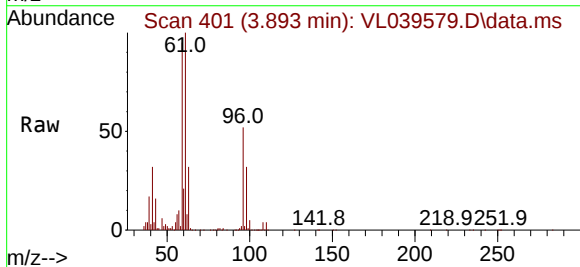
Manual Integrations
APPROVED

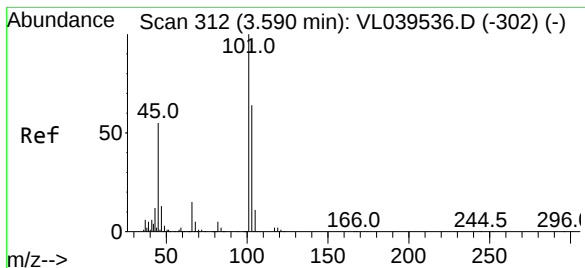
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#18
1,1-Dichloroethene
Concen: 9.666 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.006 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

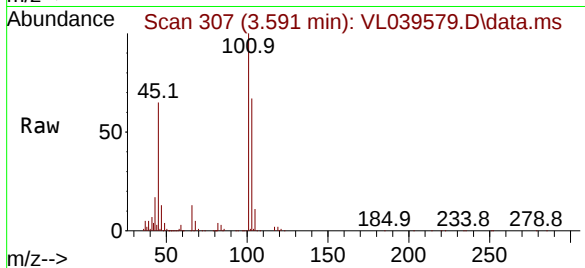
Tgt Ion: 96 Resp: 511307
Ion Ratio Lower Upper
96 100
61 191.8 152.2 228.4
98 61.5 51.8 77.6





#19
Isopropyl Alcohol
Concen: 10.860 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

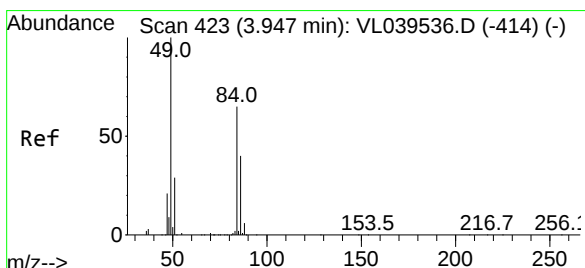
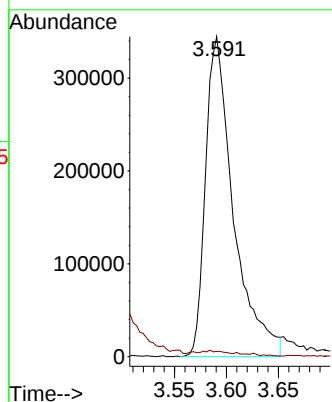
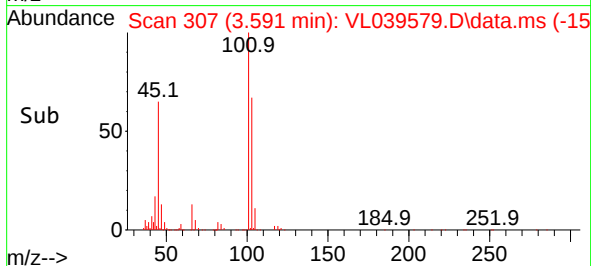
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



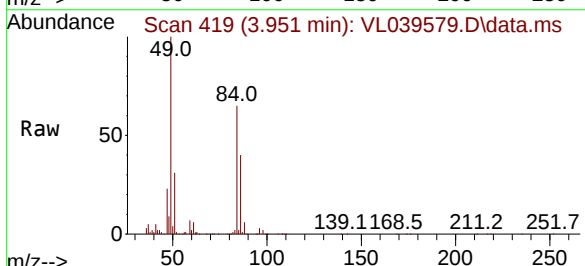
Tgt Ion: 45 Resp: 64342
Ion Ratio Lower Upper
45 100
58 2.7 3.2 4.8

Manual Integrations
APPROVED

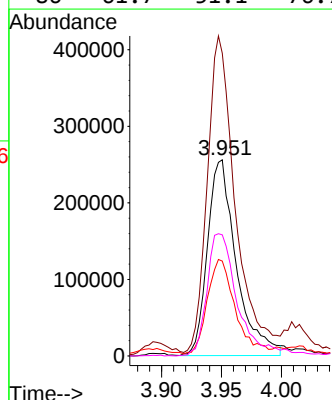
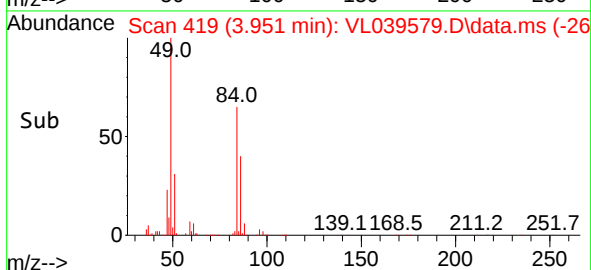
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

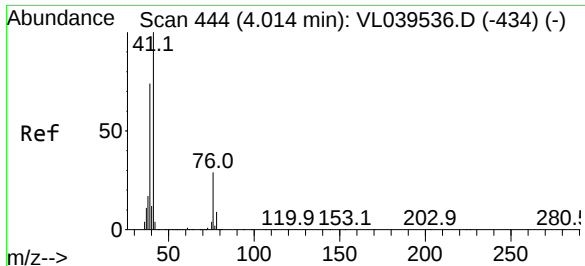


#20
Methylene Chloride
Concen: 8.644 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.004 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



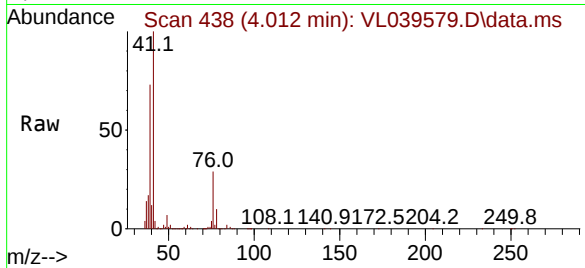
Tgt Ion: 84 Resp: 427691
Ion Ratio Lower Upper
84 100
49 152.5 123.1 184.7
51 46.7 34.4 51.6
86 61.7 51.1 76.7





#21
 Allyl Chloride
 Concen: 10.568 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20

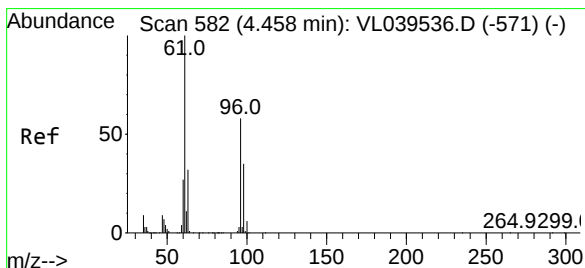
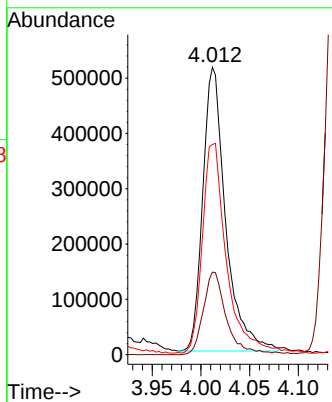
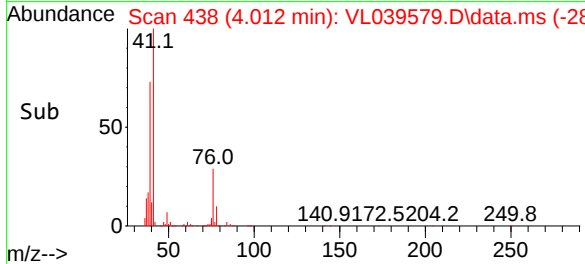
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 83727
 Ion Ratio Lower Upper
 41 100
 76 29.7 24.4 36.6
 39 78.6 63.5 95.3

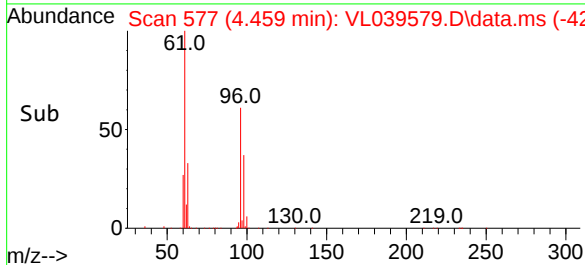
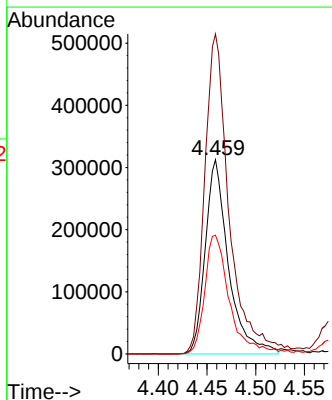
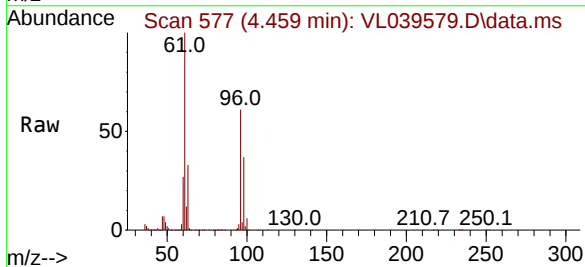
Manual Integrations
 APPROVED

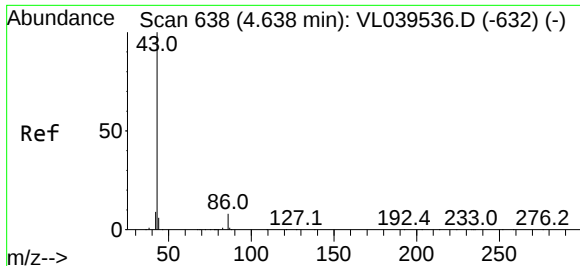
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.865 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.001 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20

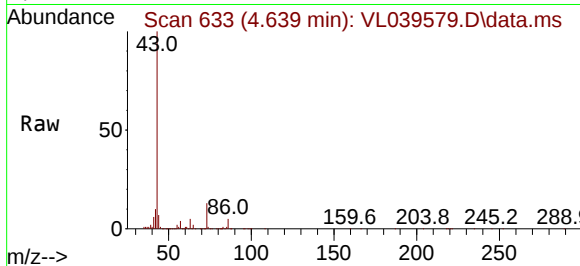
Tgt Ion: 96 Resp: 519029
 Ion Ratio Lower Upper
 96 100
 61 164.8 130.6 195.8
 98 61.1 53.4 80.0





#23
 Vinyl Acetate
 Concen: 10.615 ppbv
 RT: 4.639 min Scan# 614
 Delta R.T. 0.001 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20

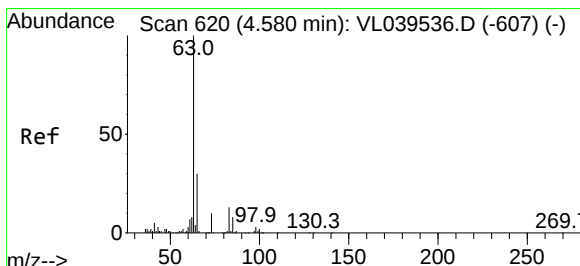
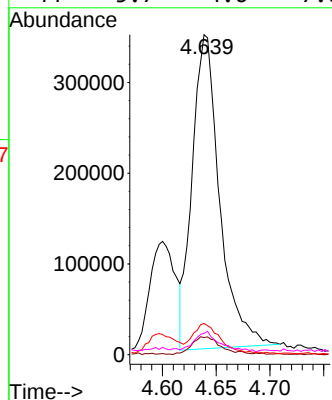
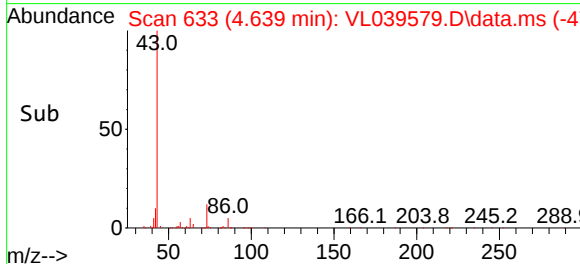
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



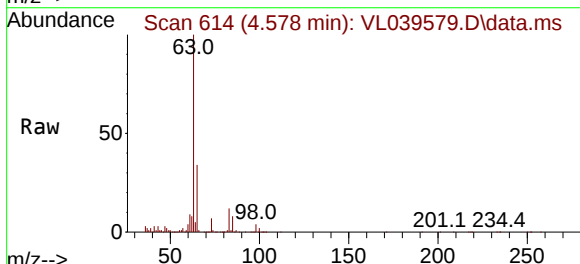
Tgt Ion: 43 Resp: 61475
 Ion Ratio Lower Upper
 43 100
 86 5.2 5.0 7.6
 42 9.6 7.7 11.5
 44 5.7 4.6 7.0

Manual Integrations
 APPROVED

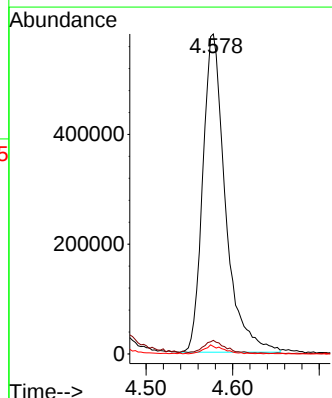
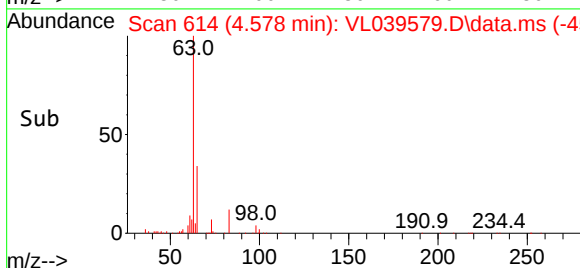
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

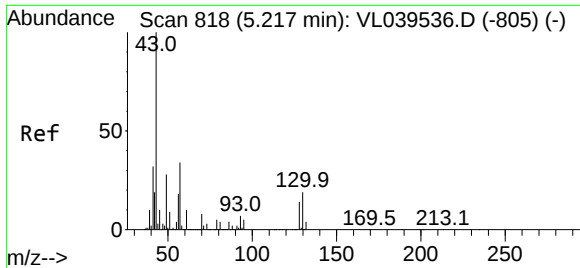


#24
 1,1-Dichloroethane
 Concen: 9.828 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. -0.003 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20



Tgt Ion: 63 Resp: 1053542
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.3
 100 2.3 1.5 4.4





#25
Ethyl Acetate
Concen: 9.969 ppbv
RT: 5.214 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

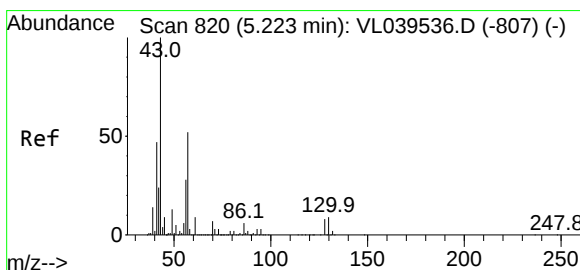
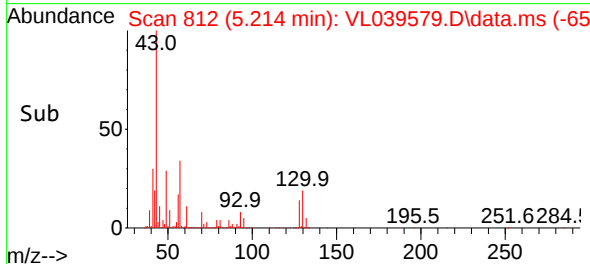
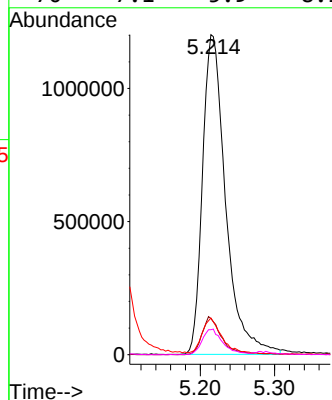
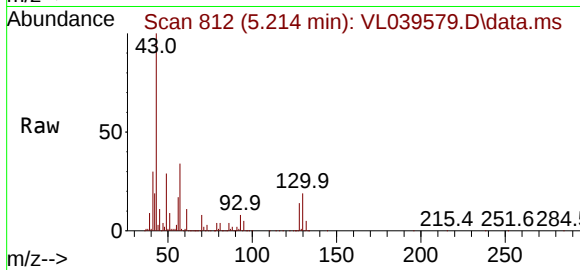
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2598029

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	10.5	8.3	12.5
70	7.1	5.9	8.9

Manual Integrations
APPROVED

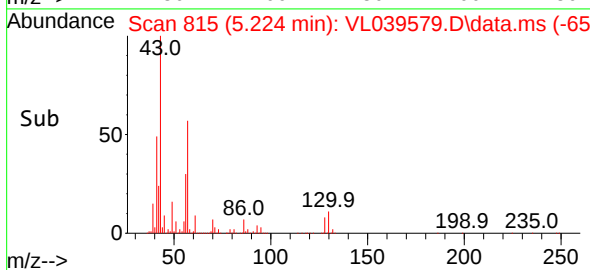
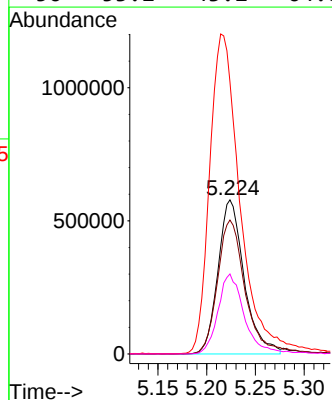
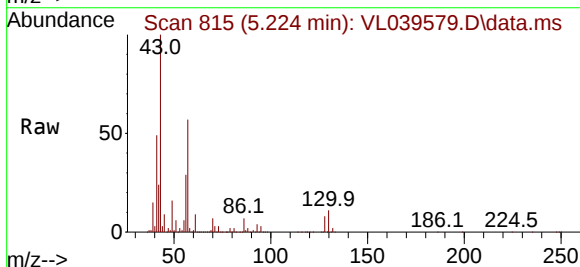
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

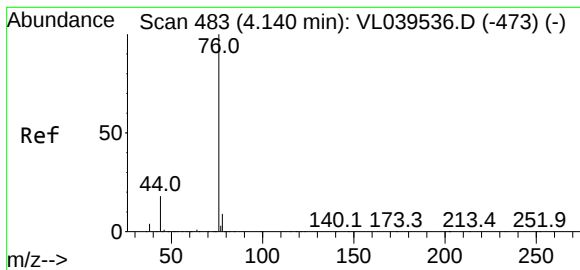


#26
Hexane
Concen: 10.161 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Tgt Ion: 57 Resp: 1080807

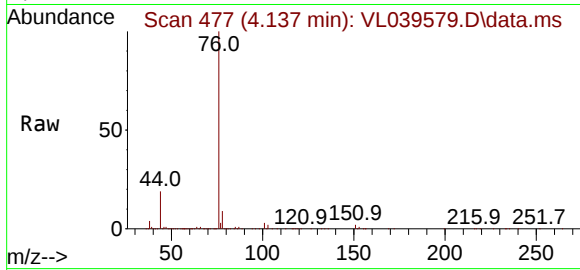
Ion	Ratio	Lower	Upper
57	100		
41	94.2	76.9	115.3
43	244.8	191.0	286.6
56	53.2	43.2	64.8





#27
Carbon Disulfide
Concen: 11.937 ppbv
RT: 4.137 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

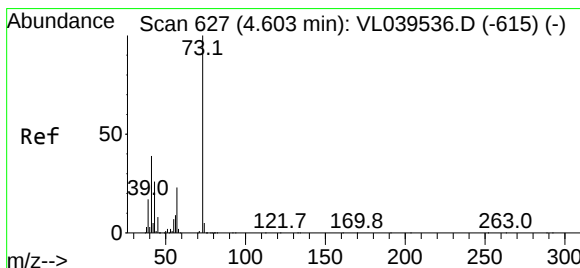
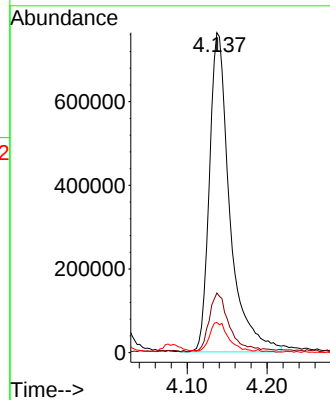
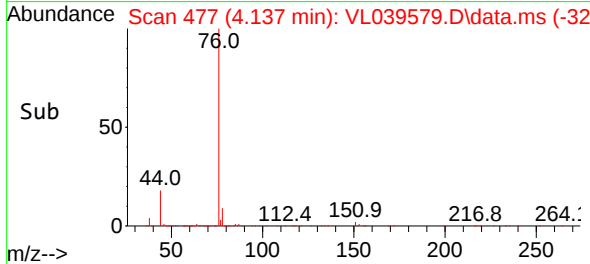
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 135638
Ion Ratio Lower Upper
76 100
44 18.7 14.6 21.8
78 10.2 7.8 11.6

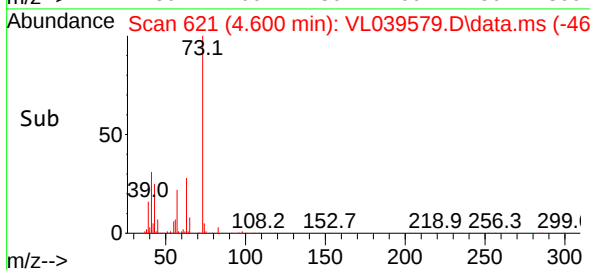
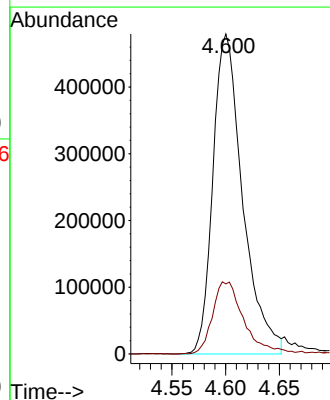
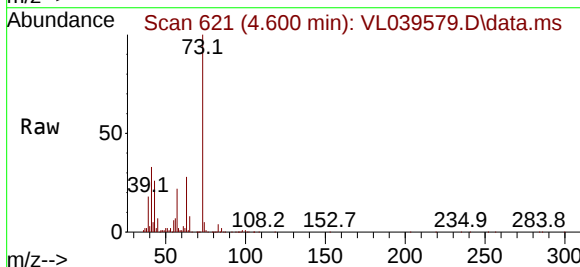
Manual Integrations
APPROVED

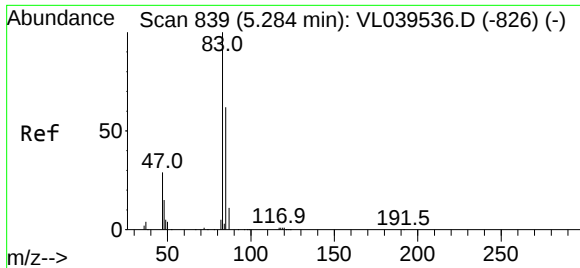
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#28
Methyl tert-Butyl Ether
Concen: 10.044 ppbv
RT: 4.600 min Scan# 621
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Tgt Ion: 73 Resp: 921598
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.8





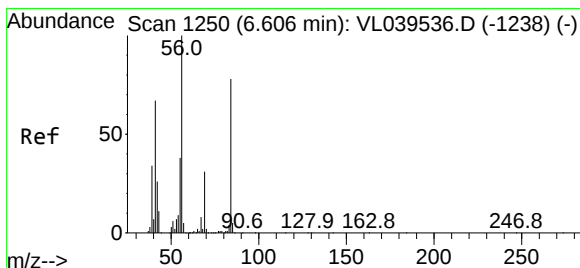
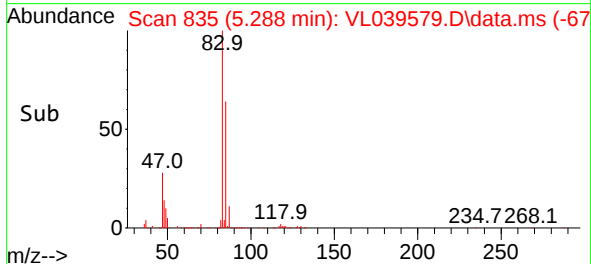
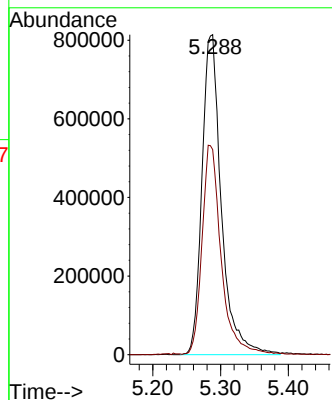
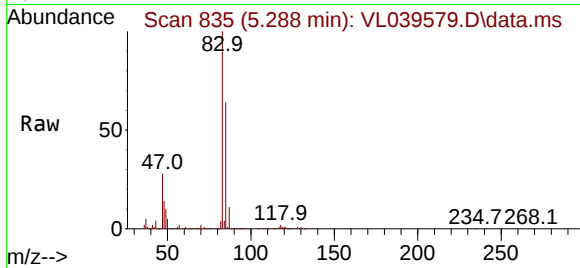
#29
Chloroform
Concen: 9.707 ppbv
RT: 5.288 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 161470
Ion Ratio Lower Upper
83 100
85 63.9 52.8 79.2

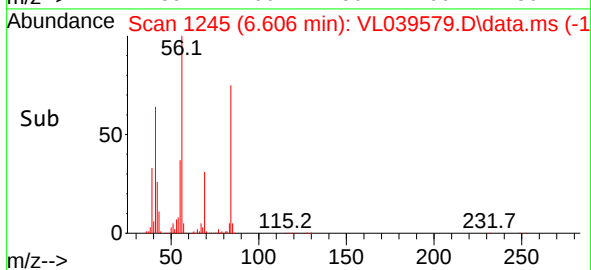
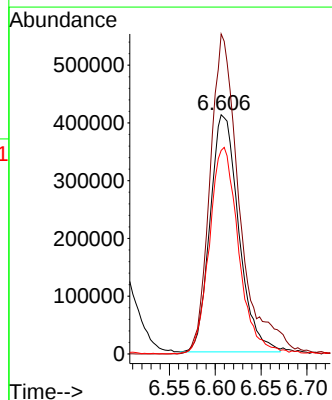
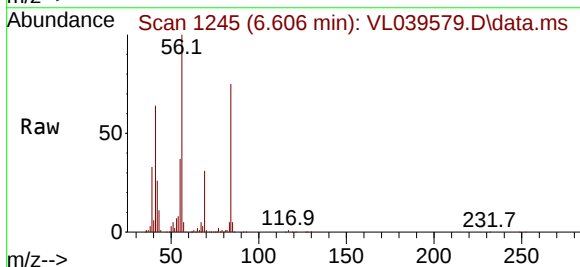
Manual Integrations
APPROVED

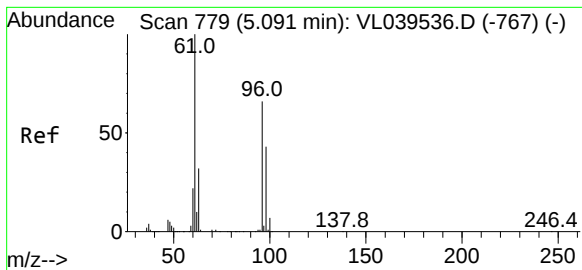
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#30
Cyclohexane
Concen: 10.143 ppbv
RT: 6.606 min Scan# 1245
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

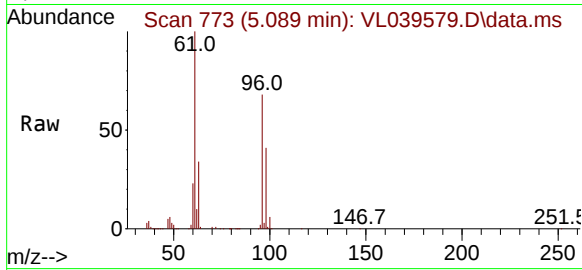
Tgt Ion: 84 Resp: 893383
Ion Ratio Lower Upper
84 100
56 140.4 107.7 161.5
41 89.0 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.265 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20

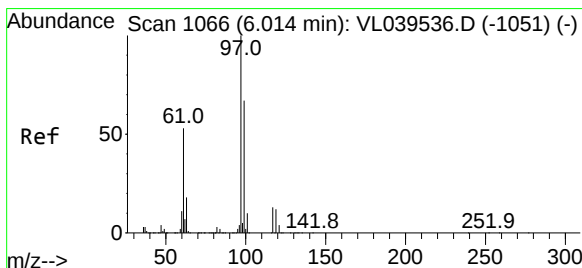
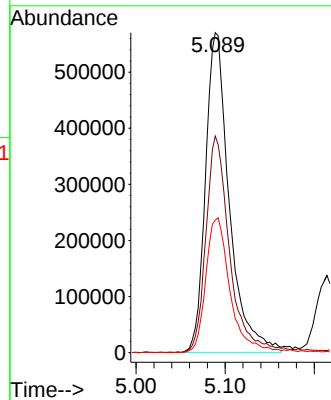
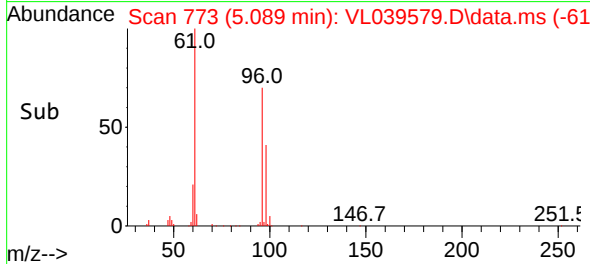
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



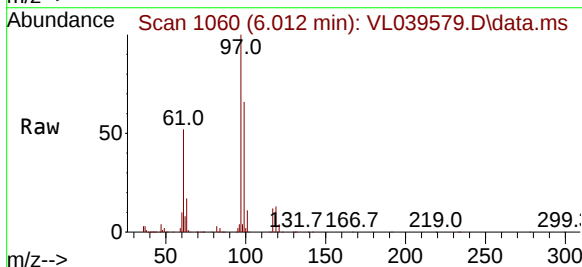
Tgt Ion: 61 Resp: 1057529
 Ion Ratio Lower Upper
 61 100
 96 67.7 54.1 81.1
 98 41.4 34.6 52.0

Manual Integrations
 APPROVED

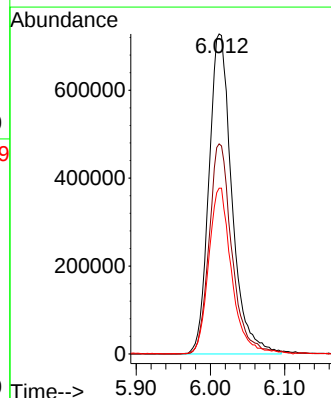
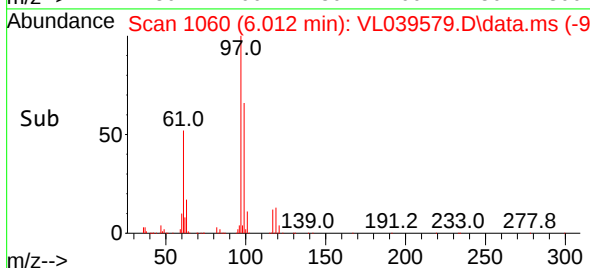
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

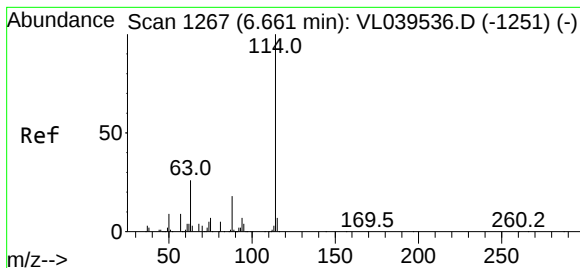


#32
 1,1,1-Trichloroethane
 Concen: 10.695 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. -0.003 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20



Tgt Ion: 97 Resp: 1565097
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.3 78.5
 61 52.2 40.9 61.3





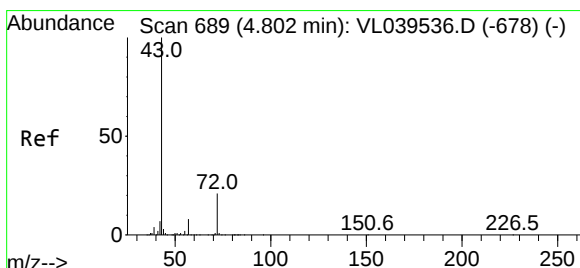
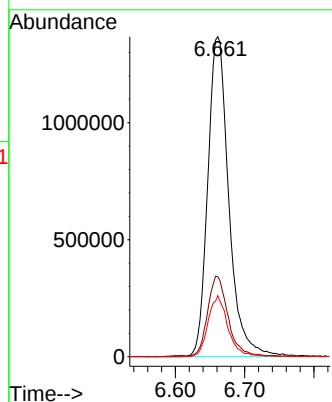
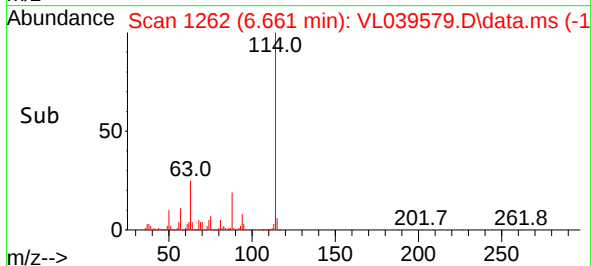
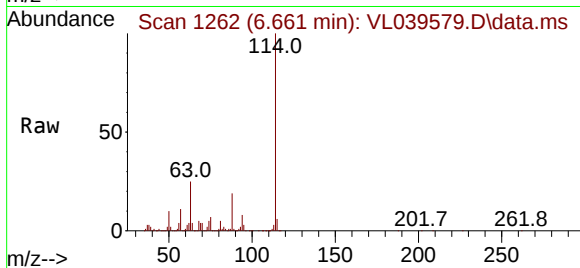
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 287474
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.1 14.5 21.7

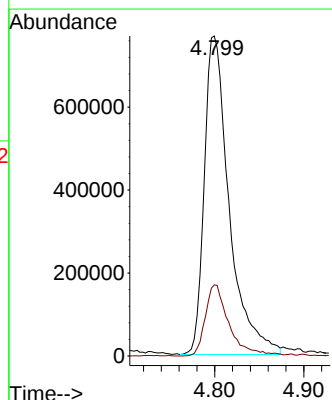
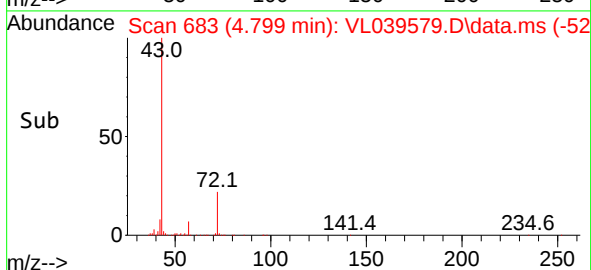
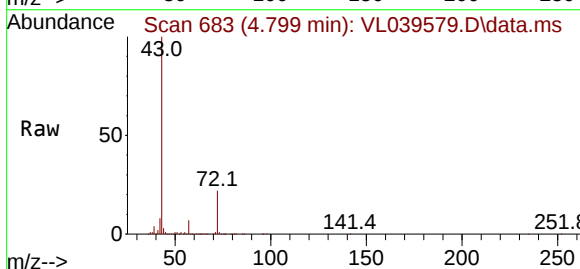
Manual Integrations
APPROVED

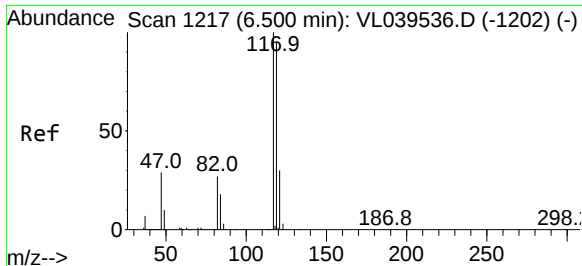
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#34
2-Butanone
Concen: 10.443 ppbv
RT: 4.799 min Scan# 683
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

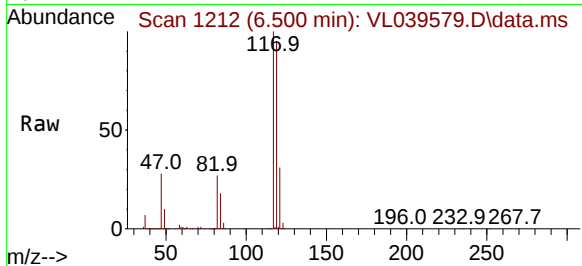
Tgt Ion: 43 Resp: 1492421
Ion Ratio Lower Upper
43 100
72 21.7 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.937 ppbv
RT: 6.500 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

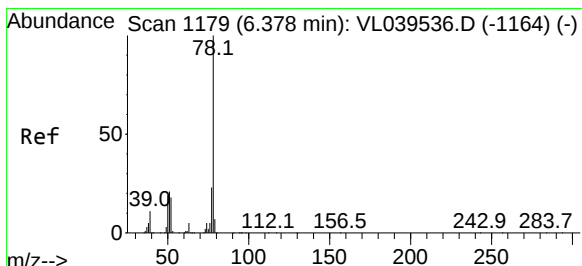
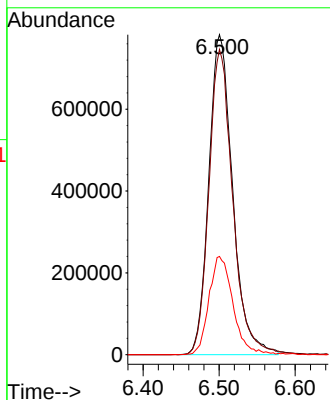
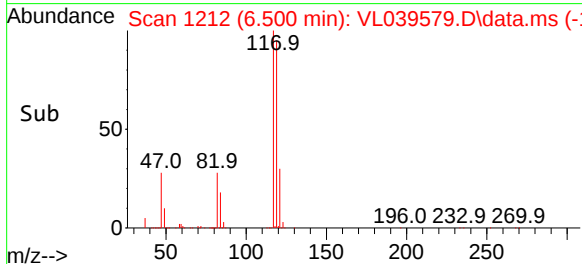
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 169962
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.2
121 30.7 24.2 36.2

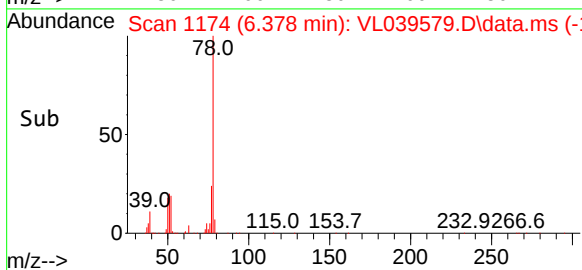
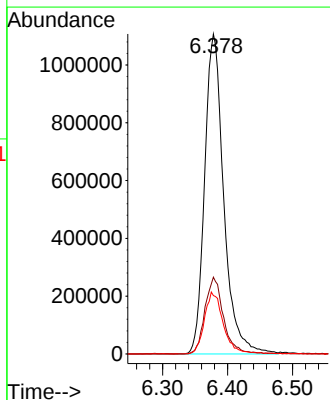
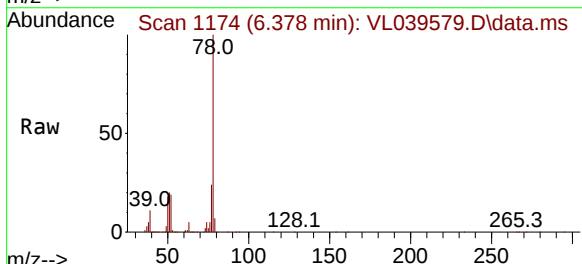
Manual Integrations
APPROVED

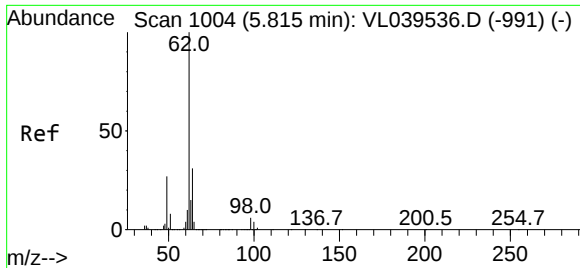
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#36
Benzene
Concen: 10.357 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

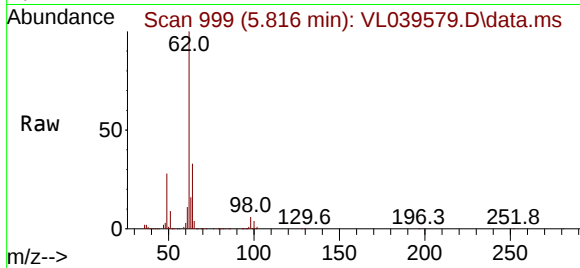
Tgt Ion: 78 Resp: 2269667
Ion Ratio Lower Upper
78 100
77 23.9 20.3 30.5
50 18.2 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.827 ppbv
RT: 5.816 min Scan# 91
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

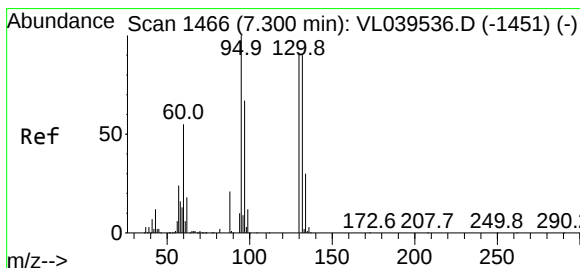
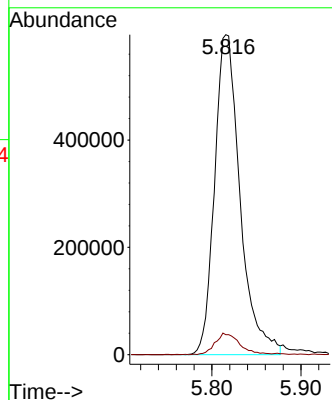
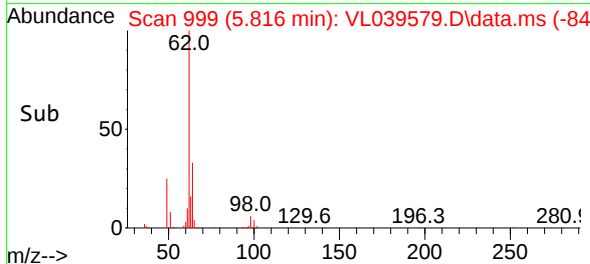
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



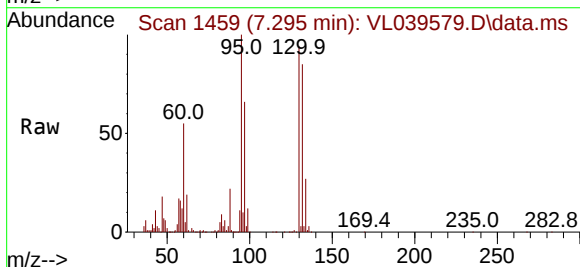
Tgt Ion: 62 Resp: 118615
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

Manual Integrations
APPROVED

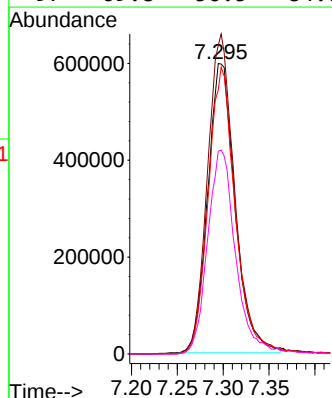
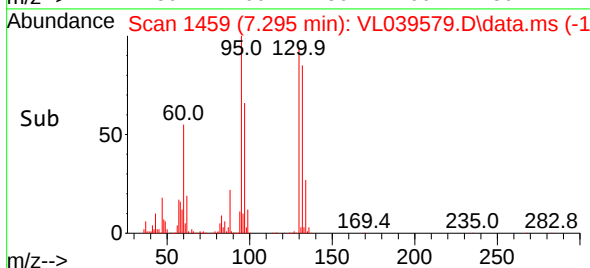
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

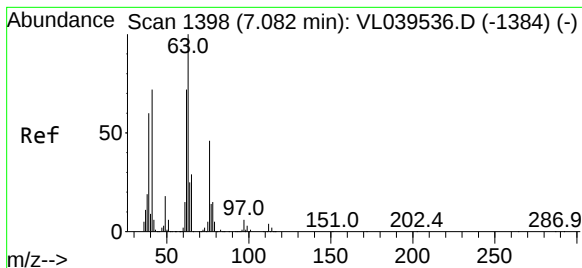


#38
Trichloroethene
Concen: 10.576 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



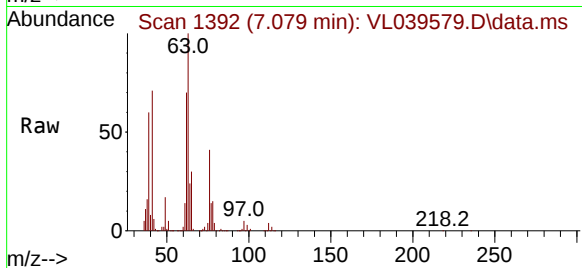
Tgt Ion:130 Resp: 1241722
Ion Ratio Lower Upper
130 100
95 106.5 87.3 130.9
132 91.2 76.7 115.1
97 69.8 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.528 ppbv
RT: 7.079 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

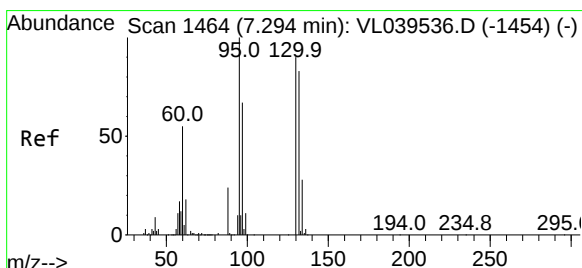
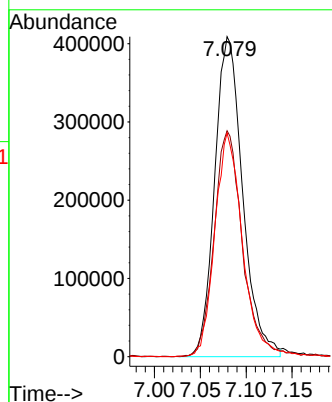
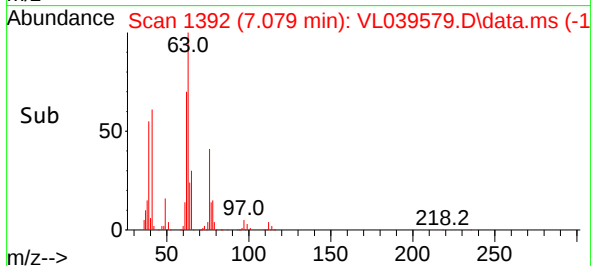
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 86742
Ion Ratio Lower Upper
63 100
41 70.5 59.6 89.4
62 69.7 51.4 77.0

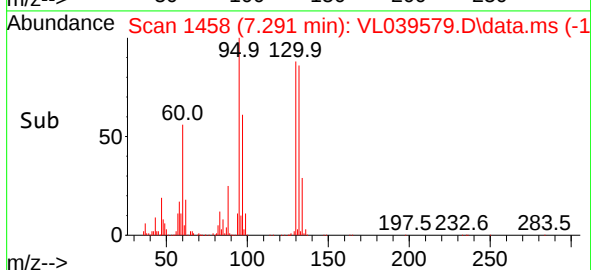
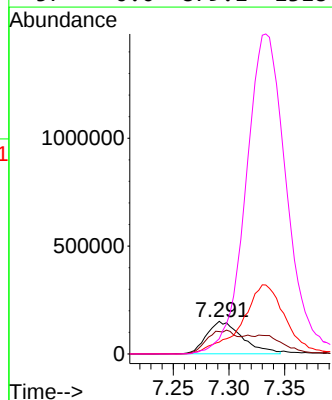
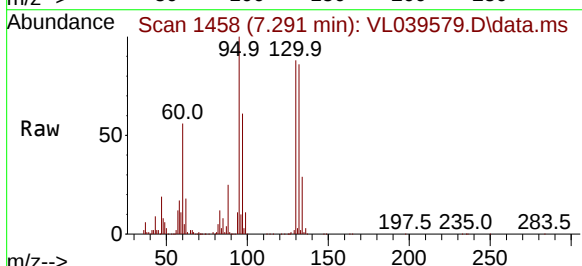
Manual Integrations
APPROVED

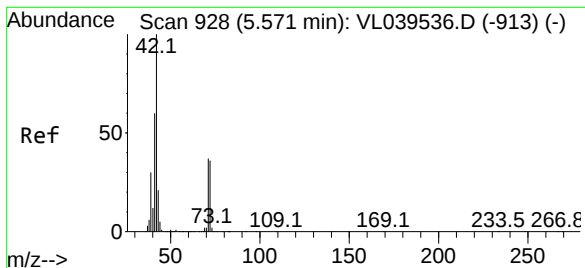
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#40
1,4-Dioxane
Concen: 10.335 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Tgt Ion: 88 Resp: 333357
Ion Ratio Lower Upper
88 100
58 127.6 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





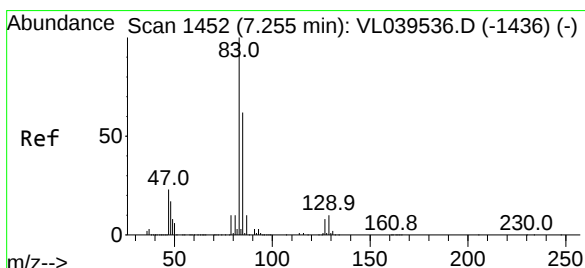
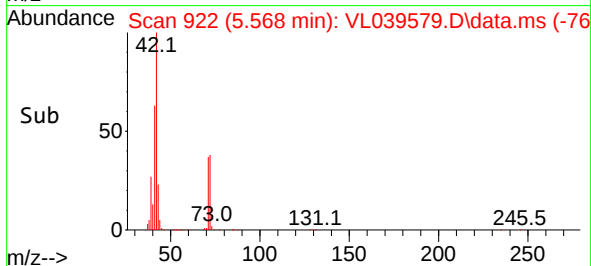
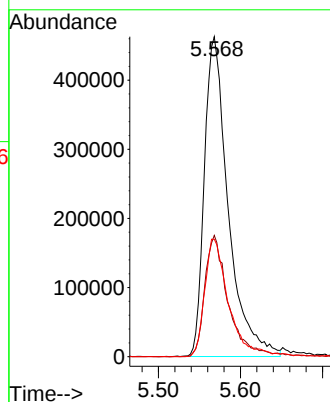
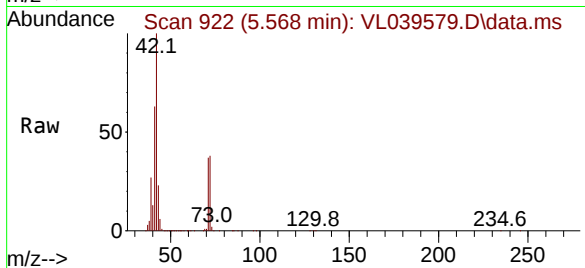
#41
Tetrahydrofuran
Concen: 10.986 ppbv
RT: 5.568 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 937959
Ion Ratio Lower Upper
42 100
72 38.0 31.8 47.8
71 37.4 31.8 47.8

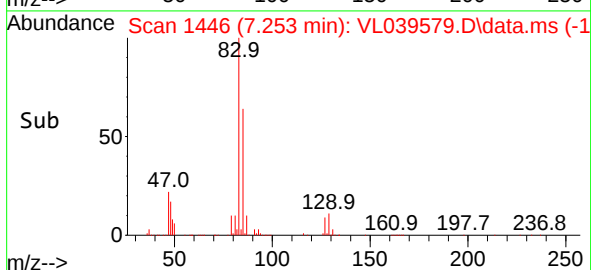
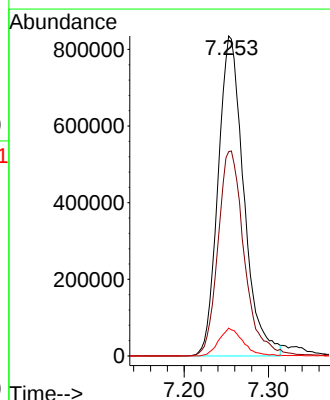
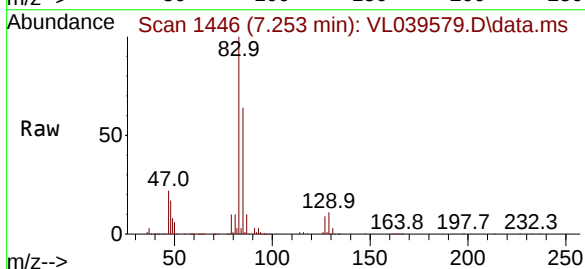
Manual Integrations
APPROVED

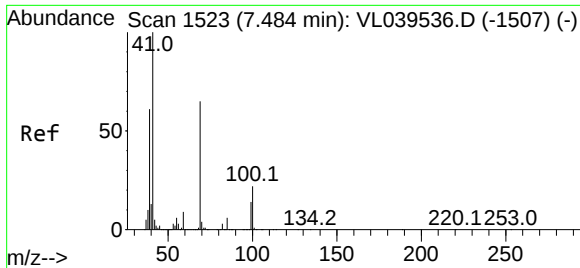
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#42
Bromodichloromethane
Concen: 10.677 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Tgt Ion: 83 Resp: 1763514
Ion Ratio Lower Upper
83 100
85 63.9 50.7 76.1
127 8.7 6.6 9.8





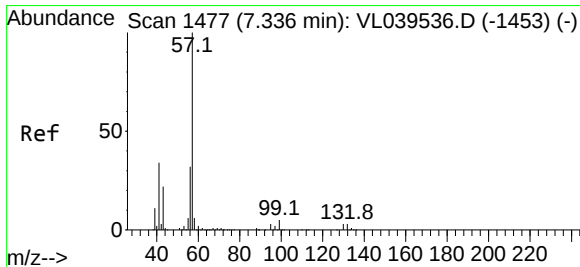
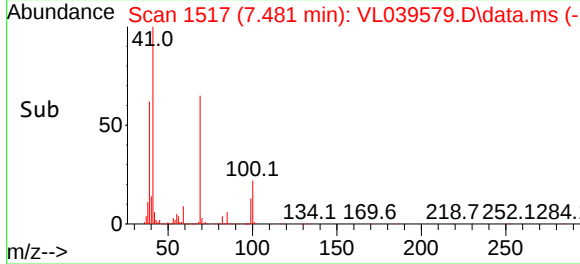
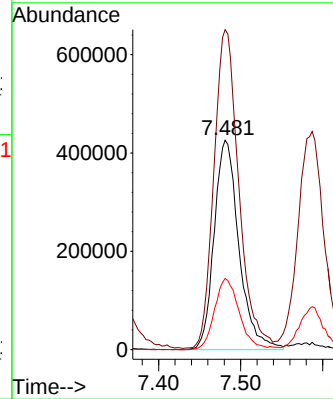
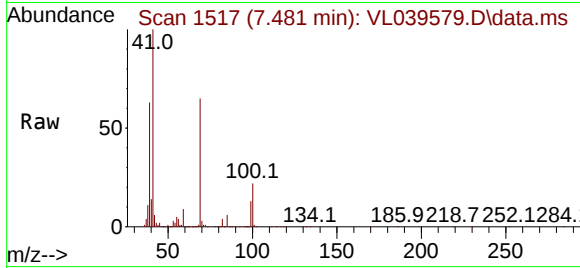
#43
Methyl Methacrylate
Concen: 11.320 ppbv
RT: 7.481 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 894529
Ion Ratio Lower Upper
69 100
41 154.6 120.8 181.2
100 34.3 27.8 41.6

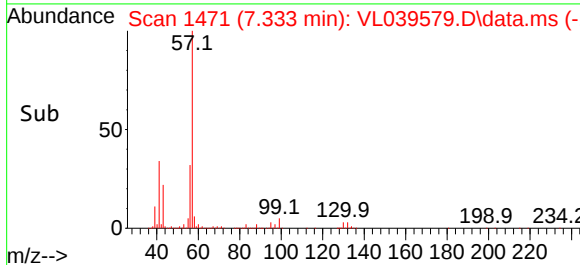
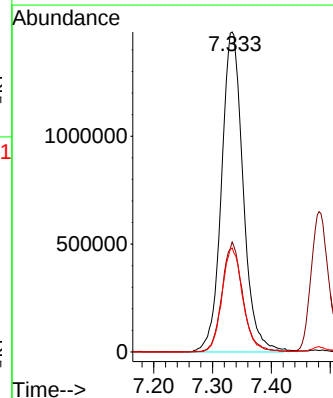
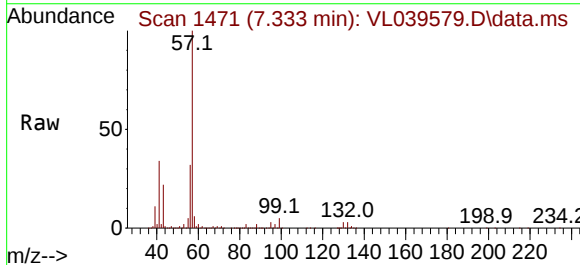
Manual Integrations
APPROVED

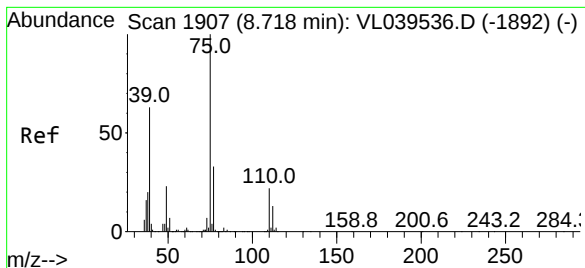
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#44
2,2,4-Trimethylpentane
Concen: 10.240 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Tgt Ion: 57 Resp: 3782807
Ion Ratio Lower Upper
57 100
41 32.8 27.4 41.2
56 31.5 24.5 36.7





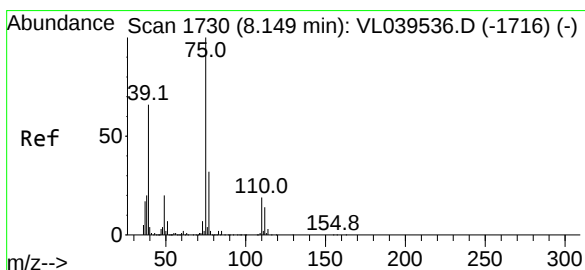
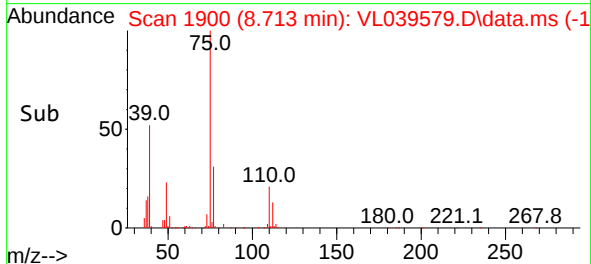
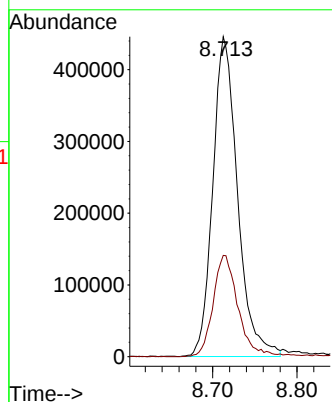
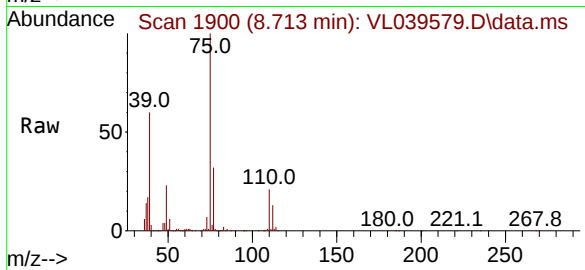
#45
t-1,3-Dichloropropene
Concen: 13.205 ppbv
RT: 8.713 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 908715
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8

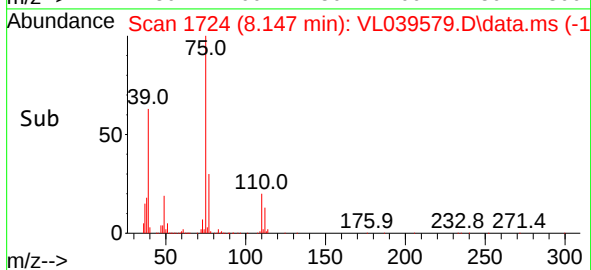
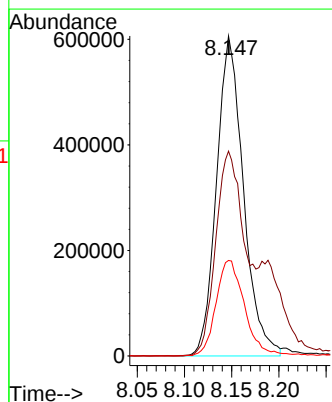
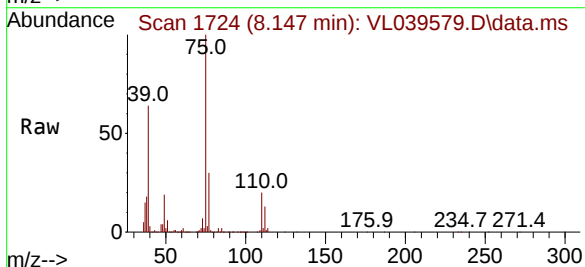
Manual Integrations
APPROVED

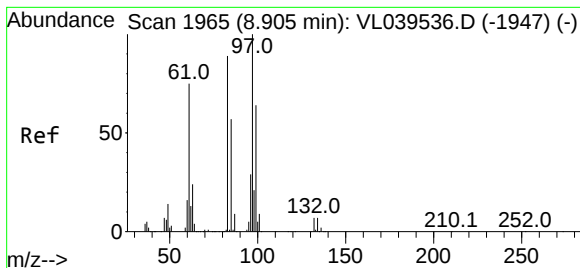
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#46
cis-1,3-Dichloropropene
Concen: 12.570 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

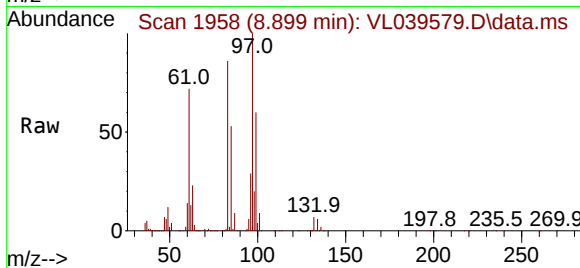
Tgt Ion: 75 Resp: 1198153
Ion Ratio Lower Upper
75 100
39 63.9 55.0 82.4
77 29.9 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.871 ppbv
RT: 8.899 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

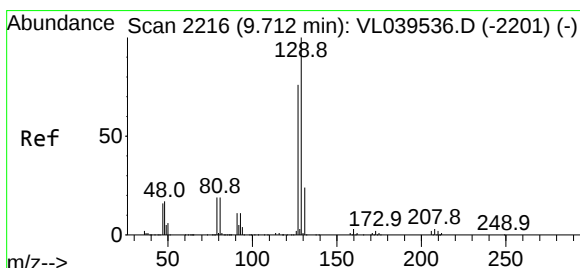
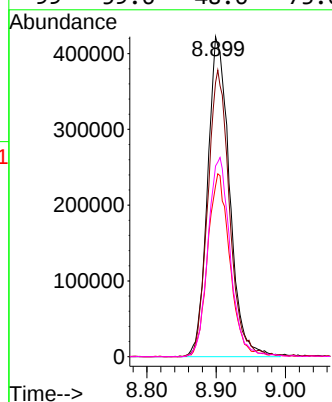
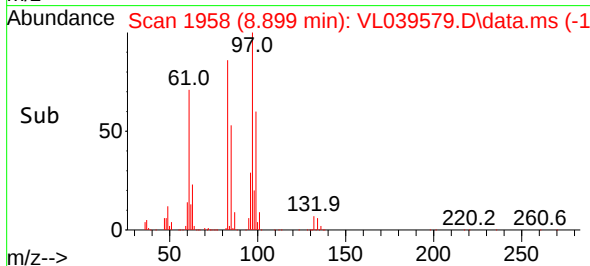
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



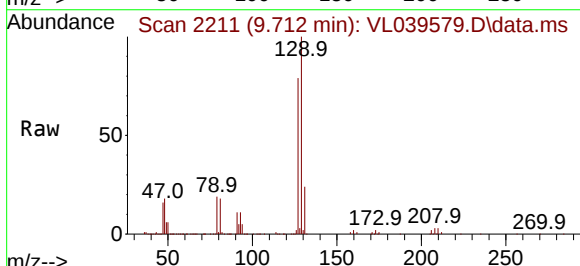
Tgt Ion: 97 Resp: 928810
Ion Ratio Lower Upper
97 100
83 85.4 67.4 101.0
85 53.4 45.1 67.7
99 59.6 48.6 73.0

Manual Integrations
APPROVED

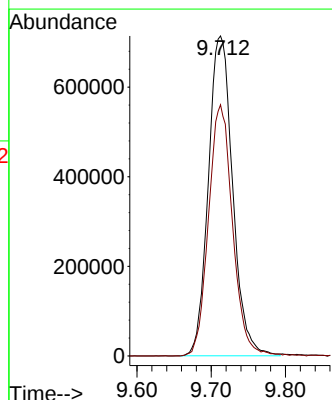
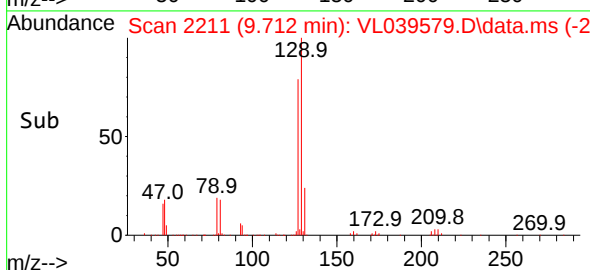
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

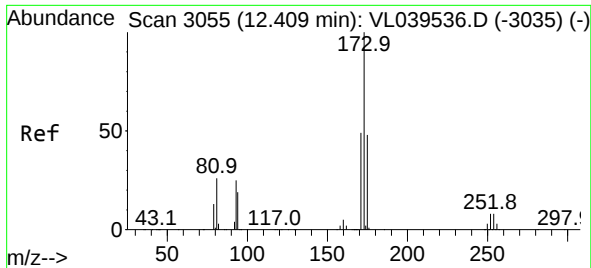


#48
Dibromochloromethane
Concen: 11.715 ppbv
RT: 9.712 min Scan# 2211
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



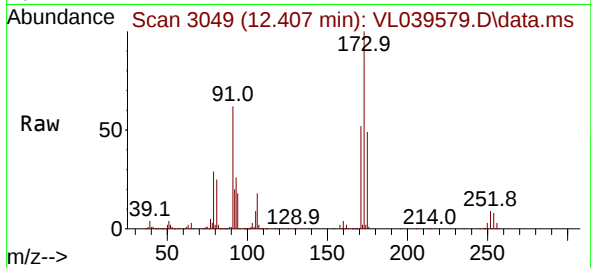
Tgt Ion:129 Resp: 1624895
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.9





#49
Bromoform
Concen: 12.005 ppbv
RT: 12.407 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

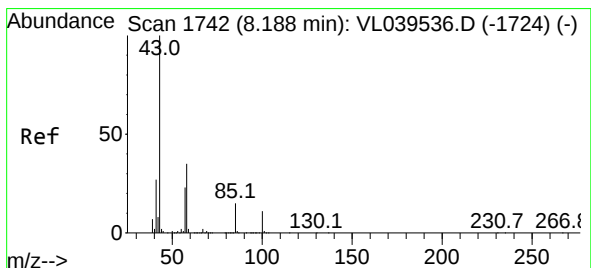
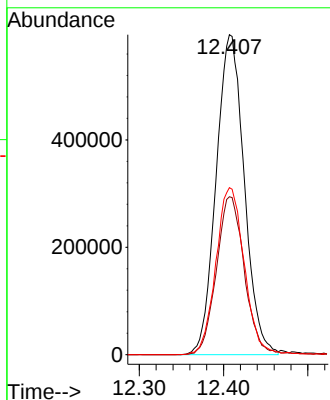
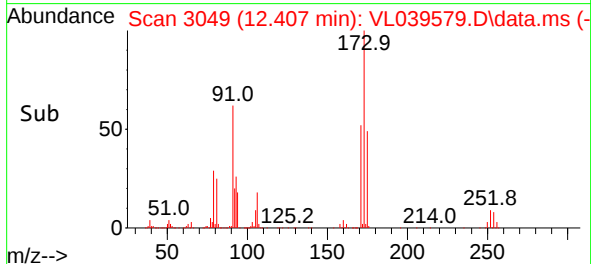
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 1379204
Ion Ratio Lower Upper
173 100
175 49.6 40.3 60.5
171 53.1 42.9 64.3

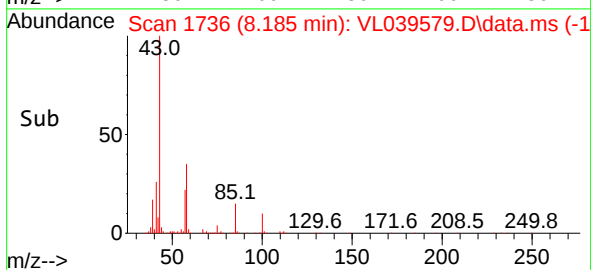
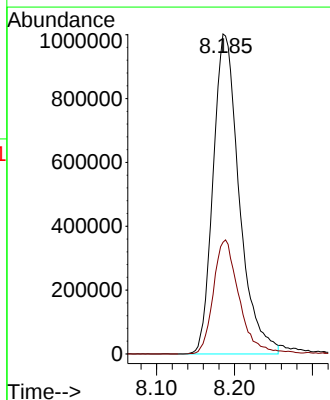
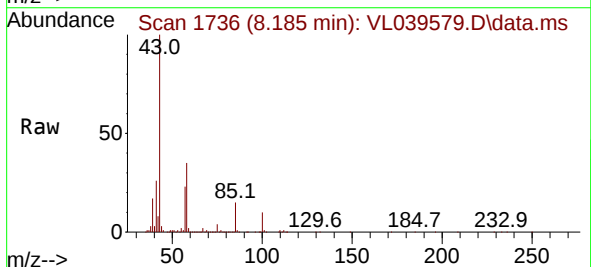
Manual Integrations
APPROVED

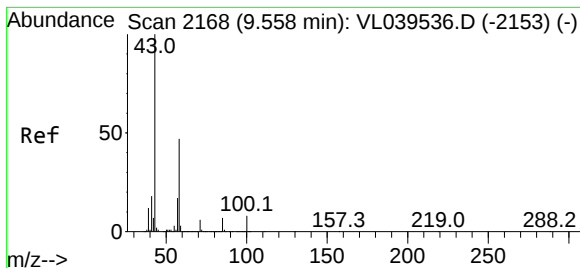
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#50
4-Methyl-2-Pentanone
Concen: 10.489 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

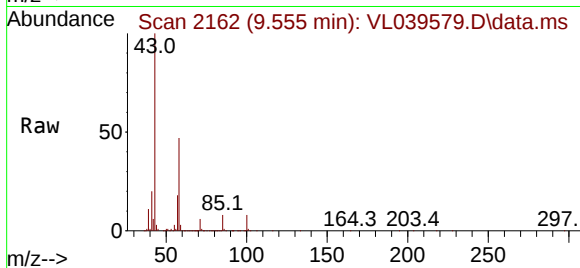
Tgt Ion: 43 Resp: 2335530
Ion Ratio Lower Upper
43 100
58 35.5 28.8 43.2





#51
2-Hexanone
Concen: 11.110 ppbv
RT: 9.555 min Scan# 2168
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

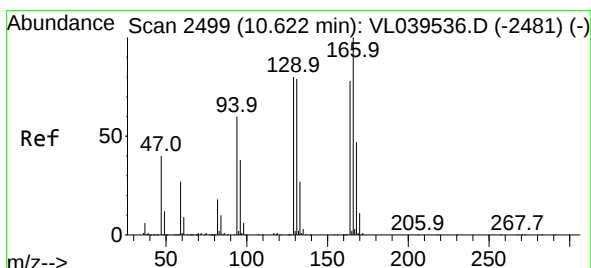
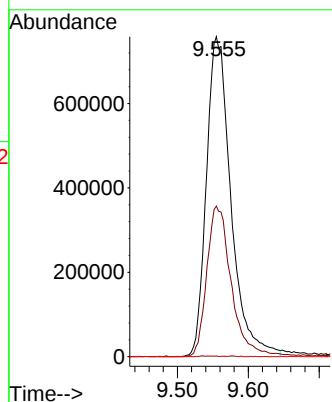
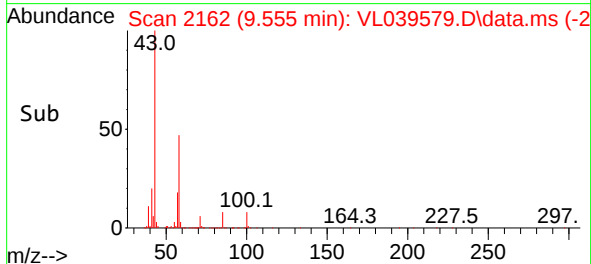
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



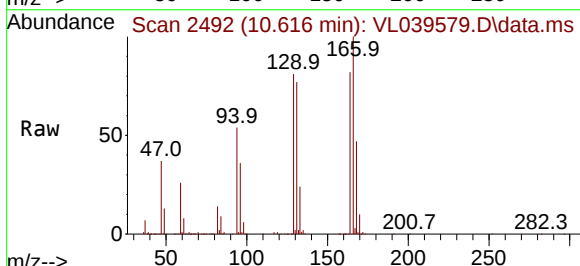
Tgt Ion: 43 Resp: 182058
Ion Ratio Lower Upper
43 100
58 47.8 38.4 57.6
98 0.2 0.3 0.5

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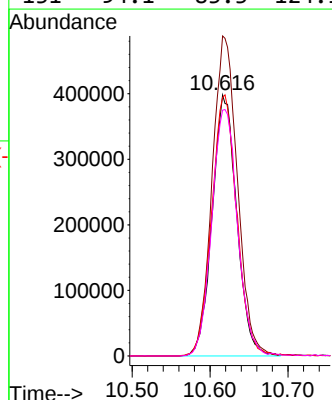
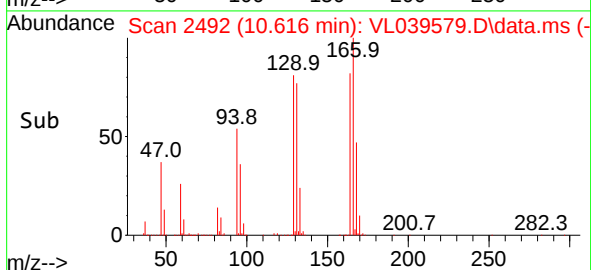
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

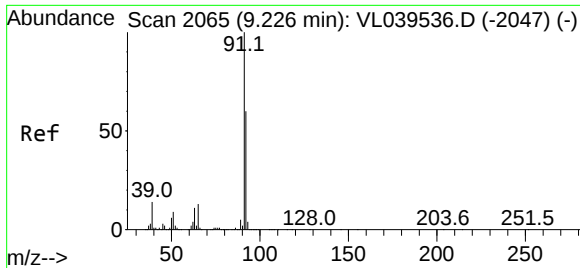


#52
Tetrachloroethene
Concen: 10.464 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.006 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



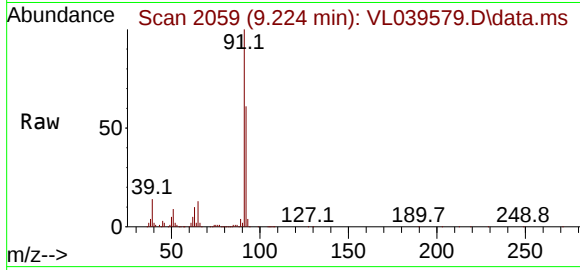
Tgt Ion:164 Resp: 867522
Ion Ratio Lower Upper
164 100
166 122.6 102.2 153.2
129 98.9 85.8 128.8
131 94.1 83.3 124.9





#53
Toluene
Concen: 10.861 ppbv
RT: 9.224 min Scan# 2065
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

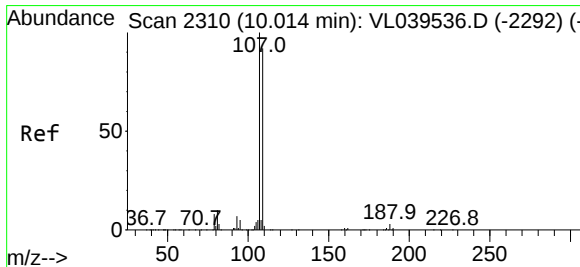
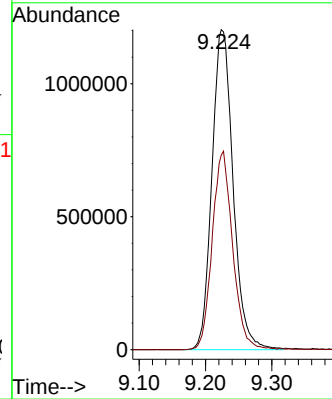
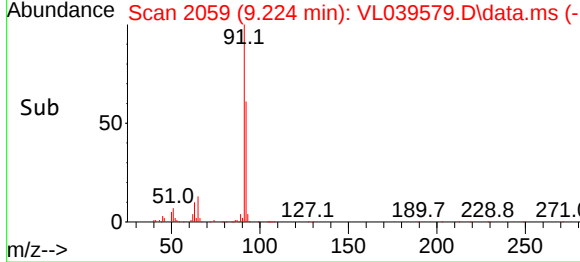
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



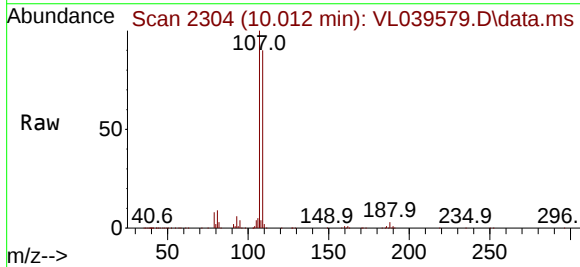
Tgt Ion: 91 Resp: 266369
Ion Ratio Lower Upper
91 100
92 60.4 48.2 72.2

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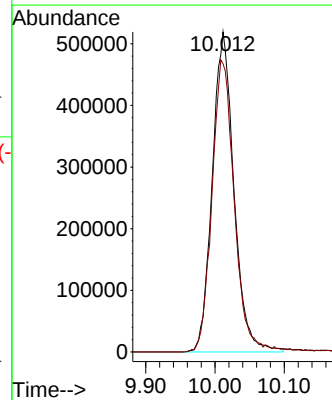
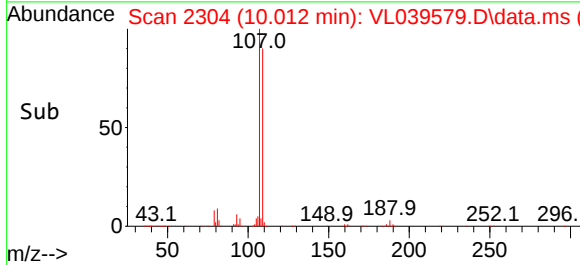
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

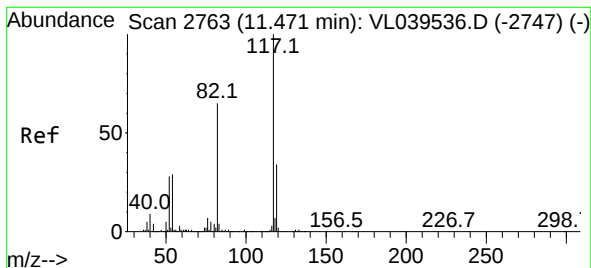


#54
1,2-Dibromoethane
Concen: 10.709 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



Tgt Ion:107 Resp: 1126975
Ion Ratio Lower Upper
107 100
109 90.0 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2763

Delta R.T. 0.001 min

Lab File: VL039579.D

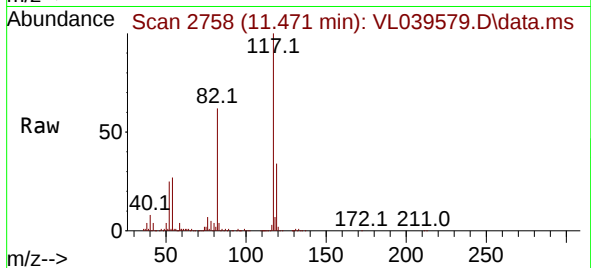
Acq: 25 Aug 2022 15:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:117 Resp: 2718609

Ion Ratio Lower Upper

117 100

82 62.6 50.8 76.2

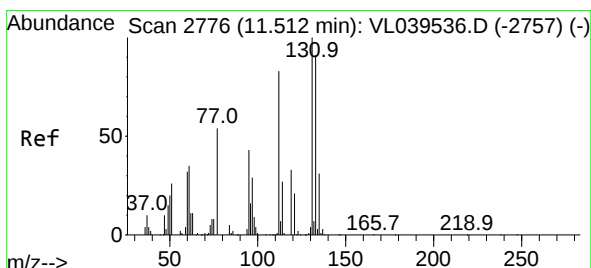
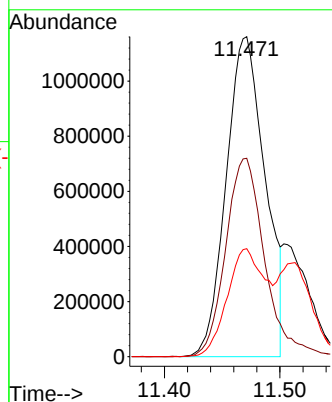
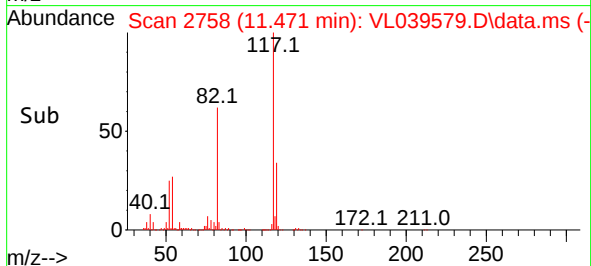
119 33.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.335 ppbv

RT: 11.510 min Scan# 2770

Delta R.T. -0.003 min

Lab File: VL039579.D

Acq: 25 Aug 2022 15:20

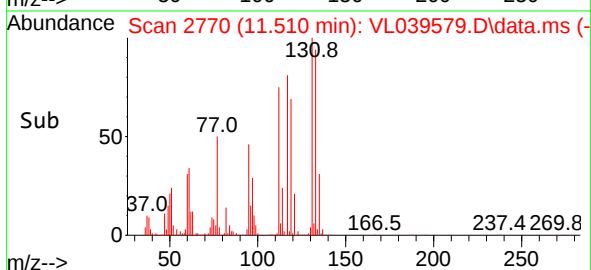
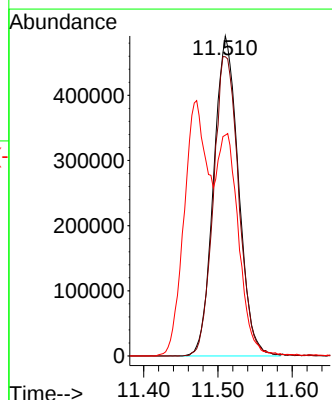
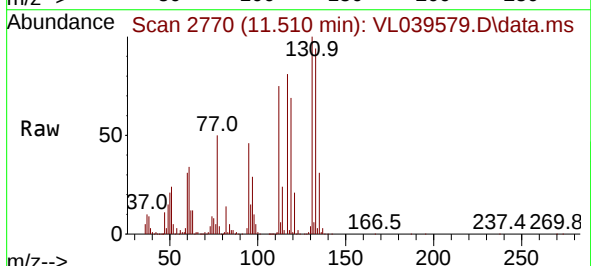
Tgt Ion:131 Resp: 1141664

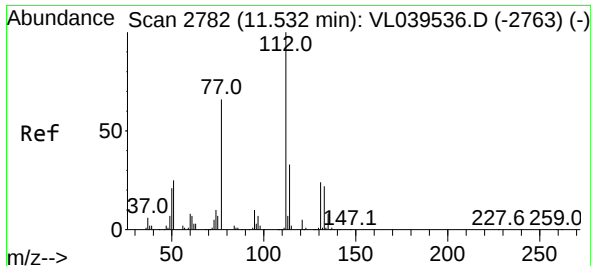
Ion Ratio Lower Upper

131 100

133 95.6 76.8 115.2

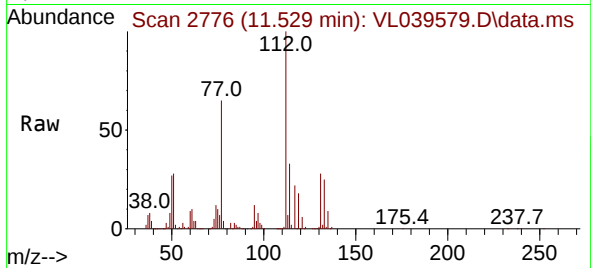
119 61.4 46.2 69.4





#57
Chlorobenzene
Concen: 9.708 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

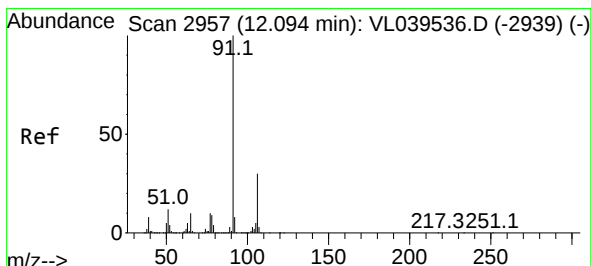
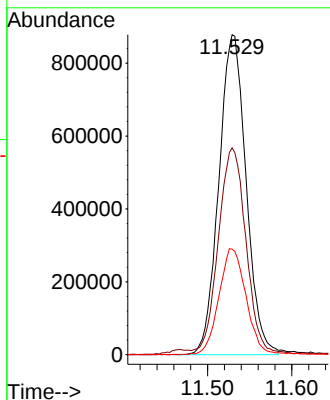
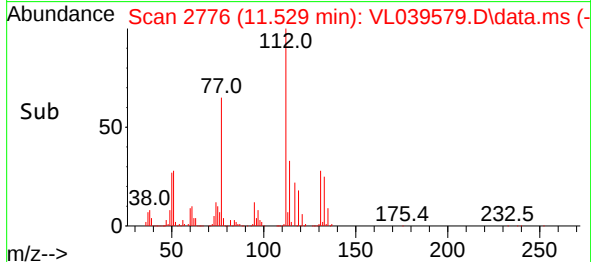
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



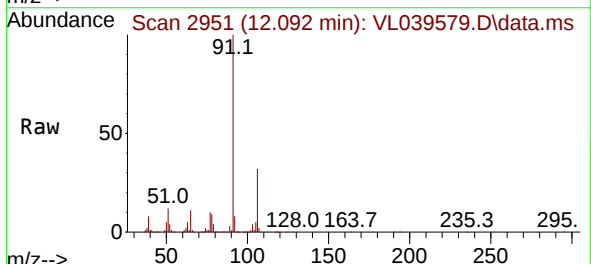
Tgt Ion: 112 Resp: 1968938
Ion Ratio Lower Upper
112 100
77 63.6 51.0 76.4
114 32.9 27.5 33.6

Manual Integrations
APPROVED

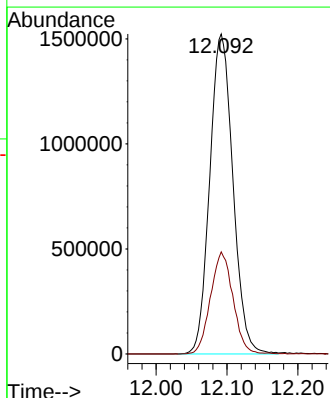
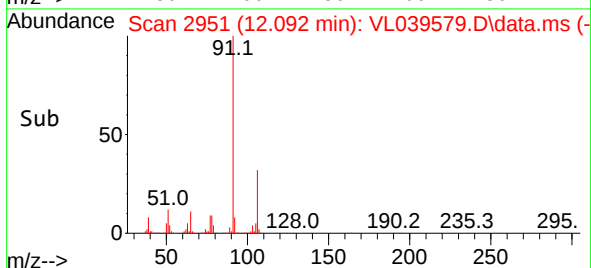
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

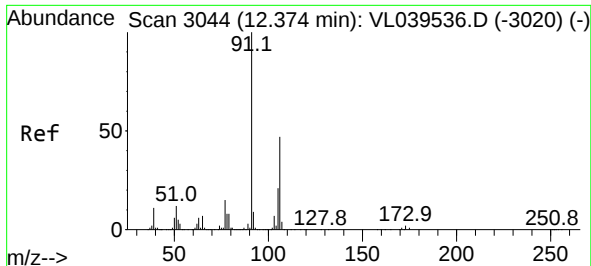


#58
Ethyl Benzene
Concen: 11.065 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



Tgt Ion: 91 Resp: 3456246
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0





#59

m/p-Xylene

Concen: 20.734 ppbv

RT: 12.375 min Scan# 3044

Delta R.T. 0.001 min

Lab File: VL039579.D

Acq: 25 Aug 2022 15:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 581021

Ion Ratio Lower Upper

91 100

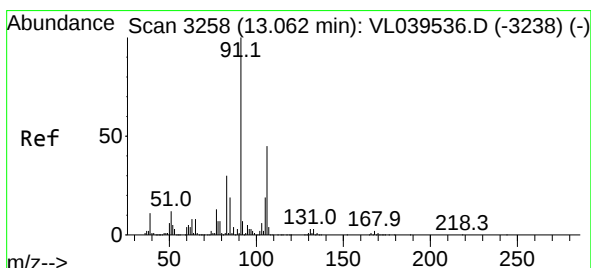
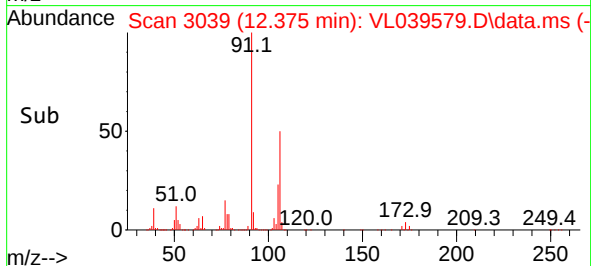
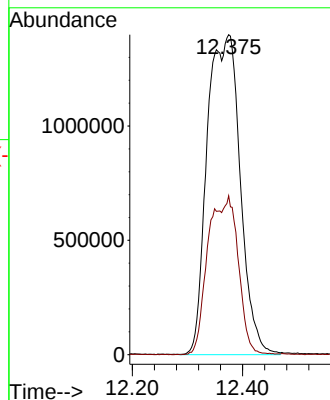
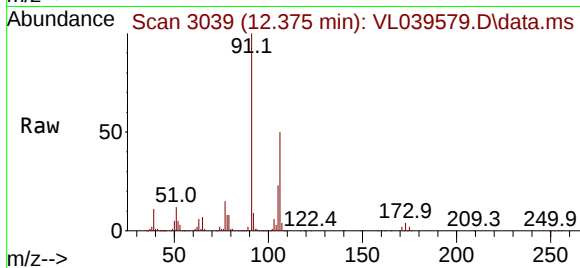
106 45.5 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#60

o-Xylene

Concen: 10.306 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.001 min

Lab File: VL039579.D

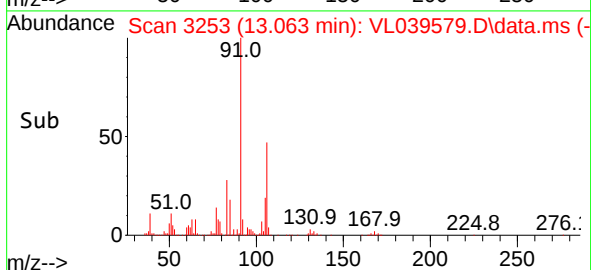
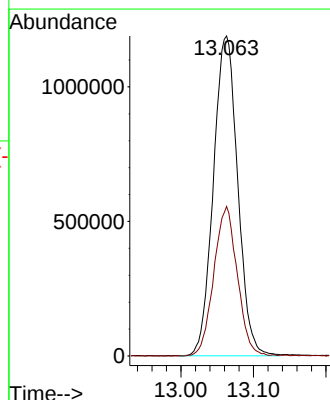
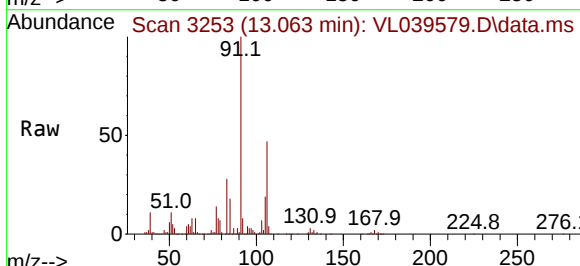
Acq: 25 Aug 2022 15:20

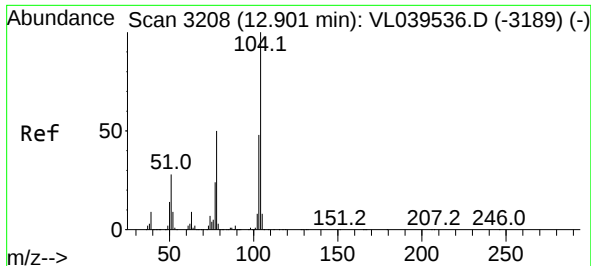
Tgt Ion: 91 Resp: 2772175

Ion Ratio Lower Upper

91 100

106 45.3 22.4 67.3





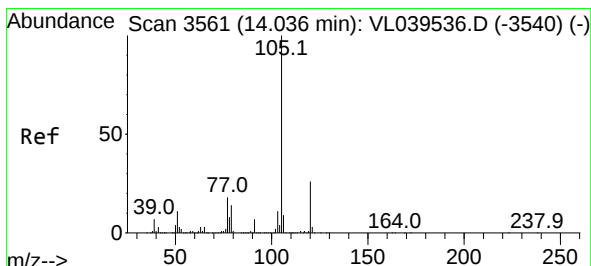
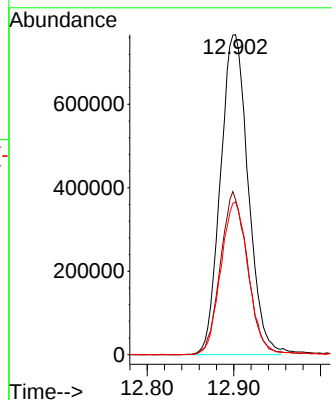
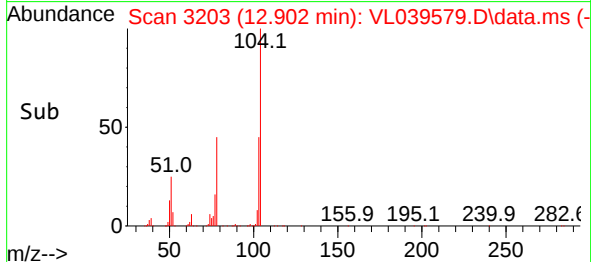
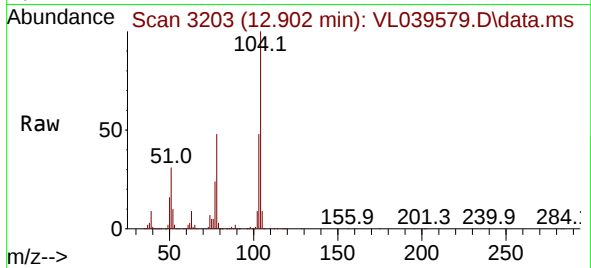
#61
Styrene
Concen: 11.883 ppbv
RT: 12.902 min Scan# 3189
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1702425
Ion Ratio Lower Upper
104 100
78 50.2 41.2 61.8
103 48.2 38.7 58.1

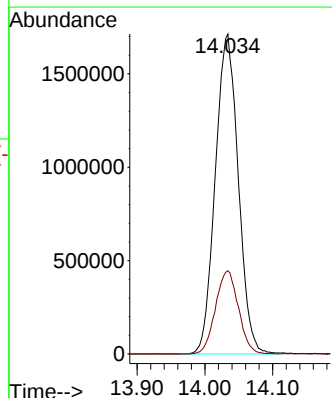
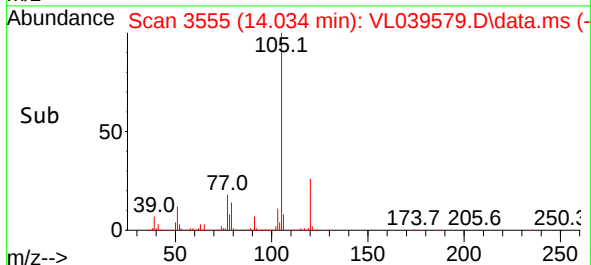
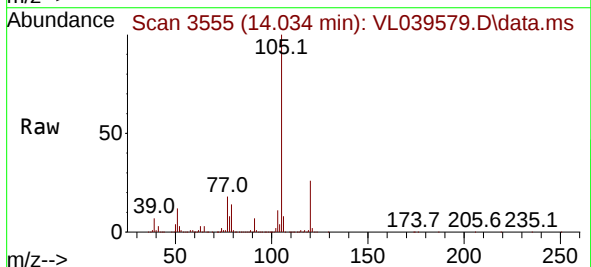
Manual Integrations
APPROVED

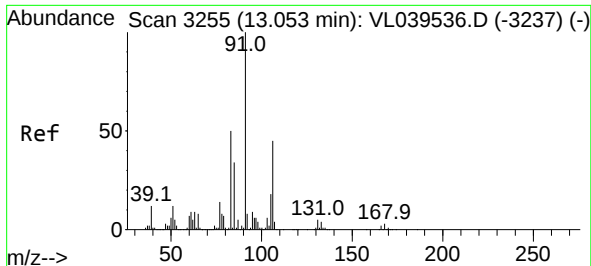
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#62
Isopropylbenzene
Concen: 9.926 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

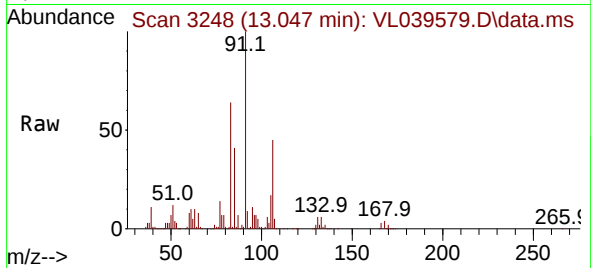
Tgt Ion:105 Resp: 4037590
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 8.941 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

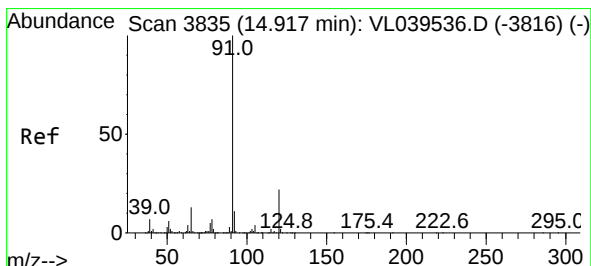
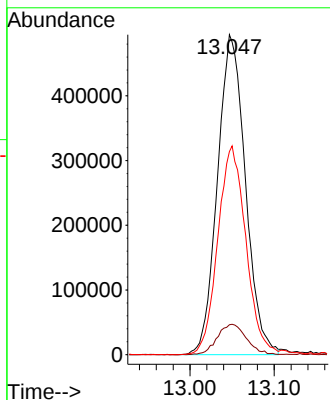
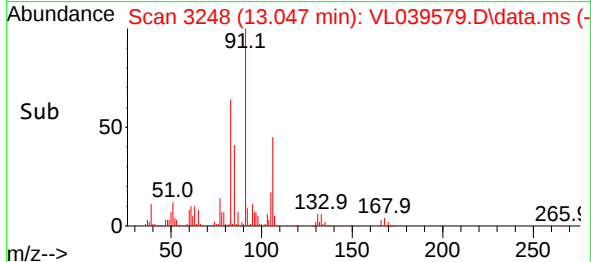
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



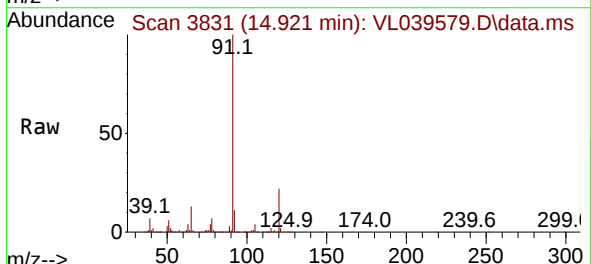
Tgt Ion: 83 Resp: 1138934
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 66.5 33.1 99.5

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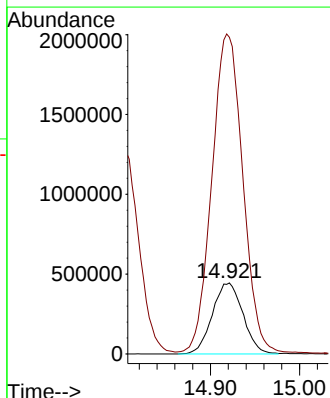
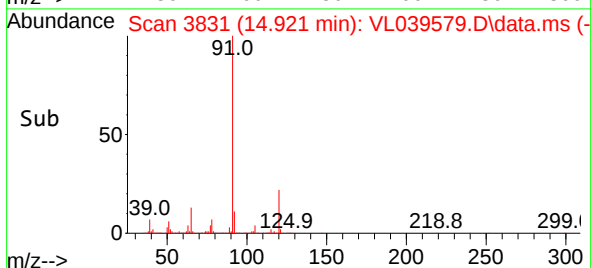
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

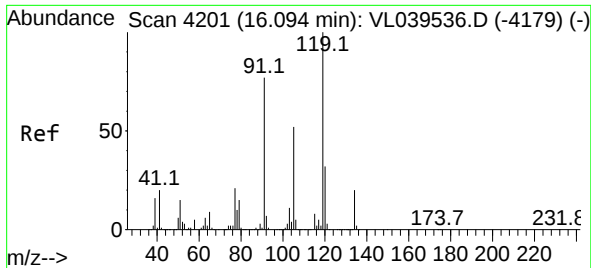


#64
n-propylbenzene
Concen: 10.034 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.004 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



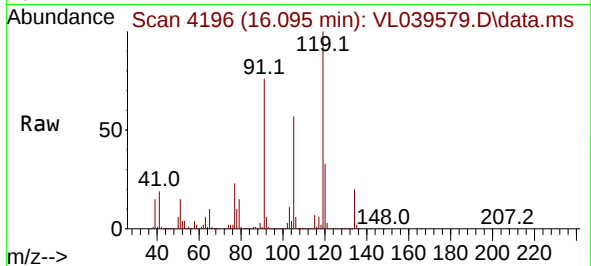
Tgt Ion:120 Resp: 1060714
Ion Ratio Lower Upper
120 100
91 458.4 367.2 550.8





#65
tert-Butylbenzene
Concen: 9.852 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

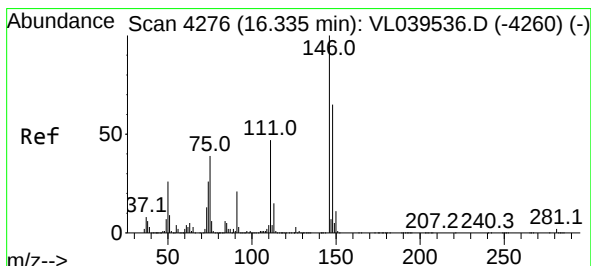
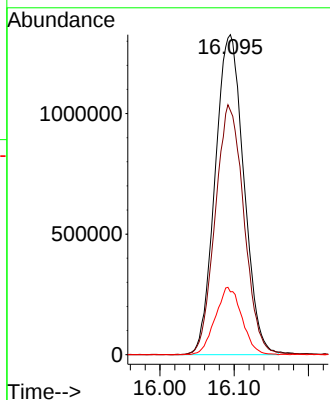
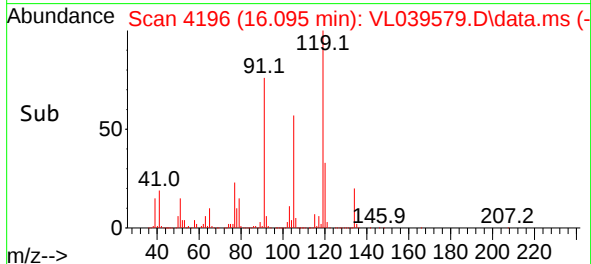
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



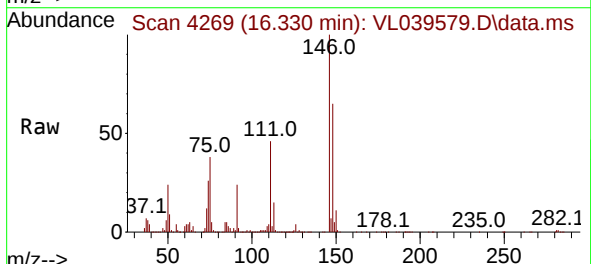
Tgt Ion: 119 Resp: 3562200
Ion Ratio Lower Upper
119 100
91 78.3 63.4 95.2
134 19.5 15.9 23.9

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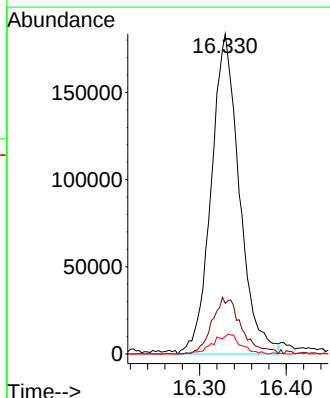
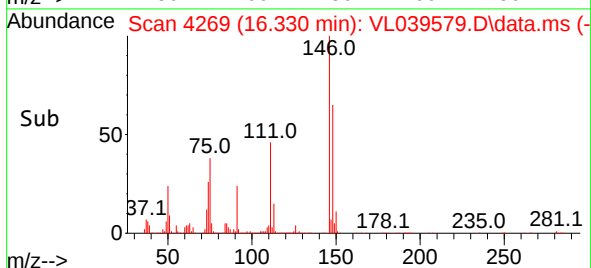
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

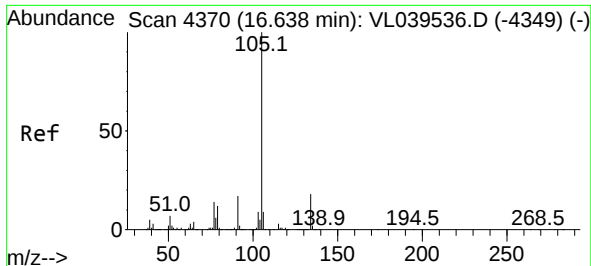


#66
Benzyl Chloride
Concen: 14.120 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



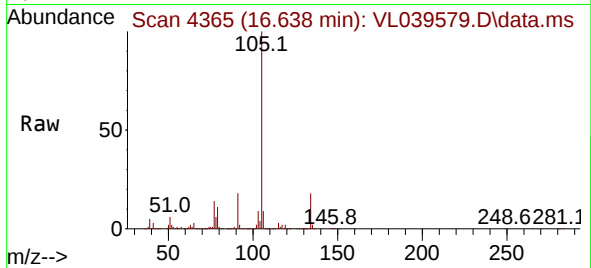
Tgt Ion: 91 Resp: 414712
Ion Ratio Lower Upper
91 100
126 18.8 13.1 19.7
128 6.1 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.665 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20

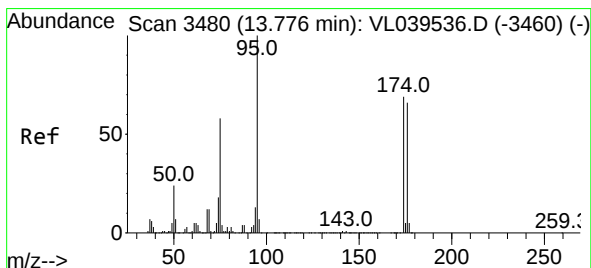
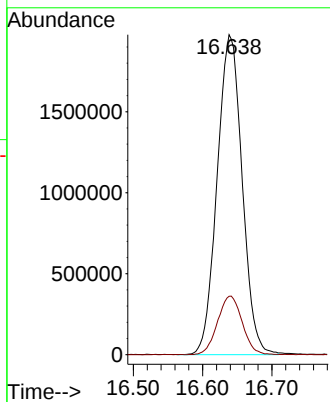
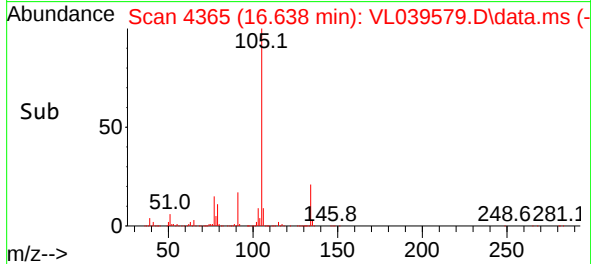
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



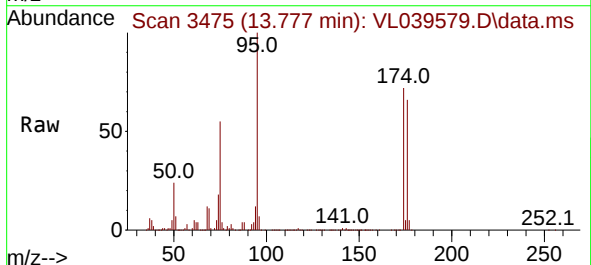
Tgt Ion: 105 Resp: 494969
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.8 22.2

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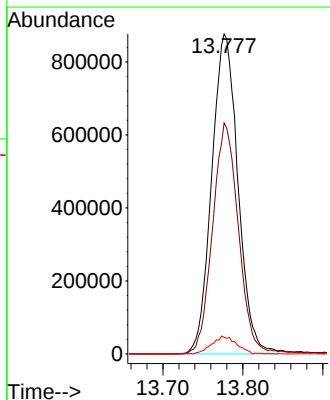
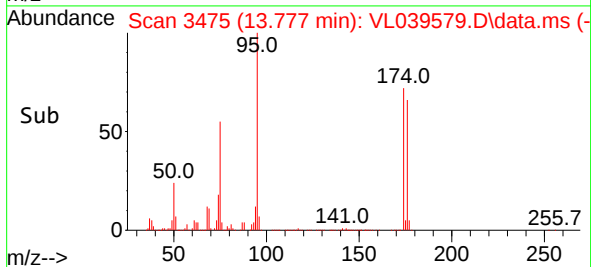
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

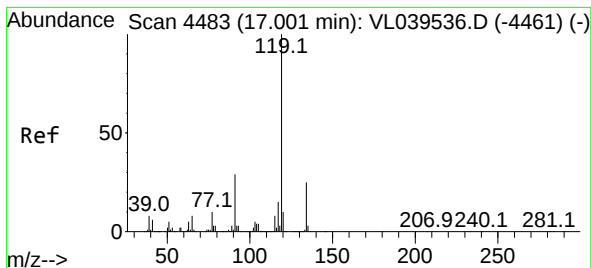


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.741 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.001 min
 Lab File: VL039579.D
 Acq: 25 Aug 2022 15:20



Tgt Ion: 95 Resp: 1997889
 Ion Ratio Lower Upper
 95 100
 174 71.3 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.797 ppbv

RT: 16.998 min Scan# 44

Delta R.T. -0.003 min

Lab File: VL039579.D

Acq: 25 Aug 2022 15:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 416482

Ion Ratio Lower Upper

119 100

134 25.1 20.3 30.5

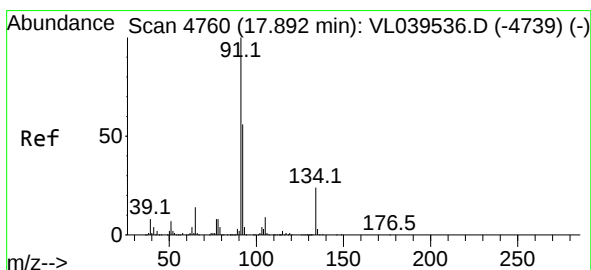
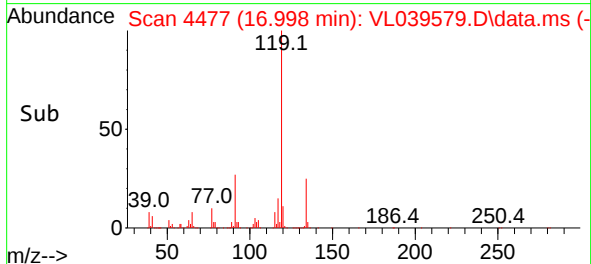
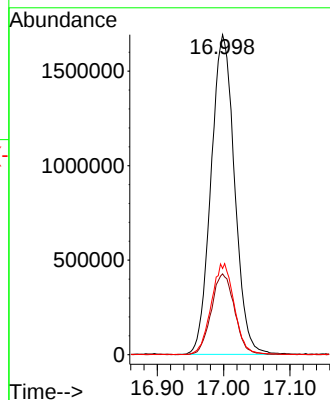
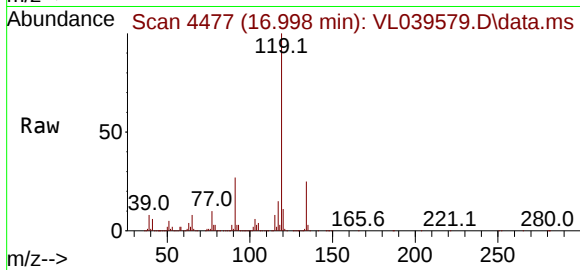
91 28.0 22.9 34.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#70

n-Butylbenzene

Concen: 9.676 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. 0.001 min

Lab File: VL039579.D

Acq: 25 Aug 2022 15:20

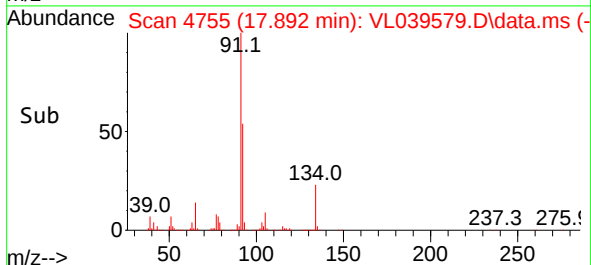
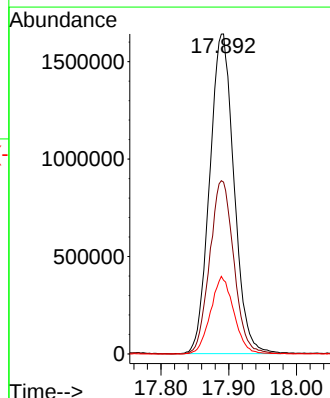
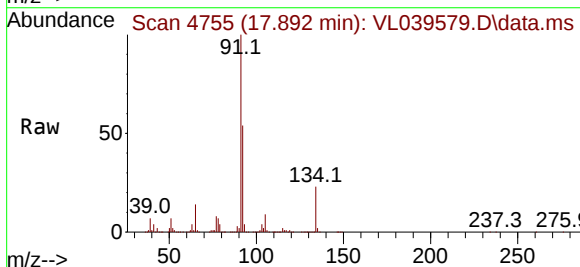
Tgt Ion: 91 Resp: 4092294

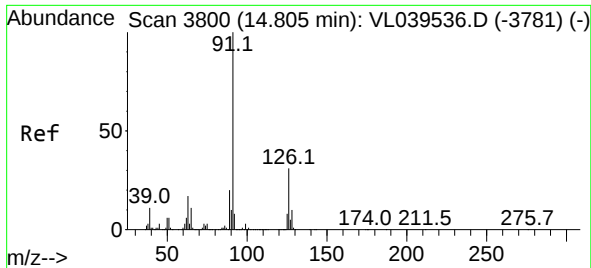
Ion Ratio Lower Upper

91 100

92 54.0 43.4 65.2

134 23.3 18.9 28.3





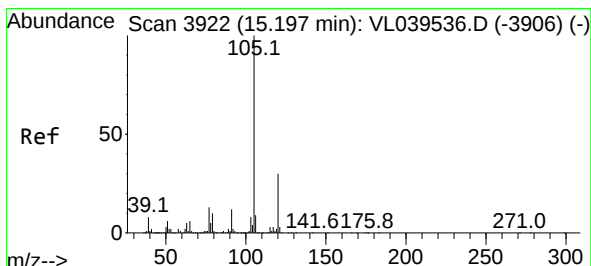
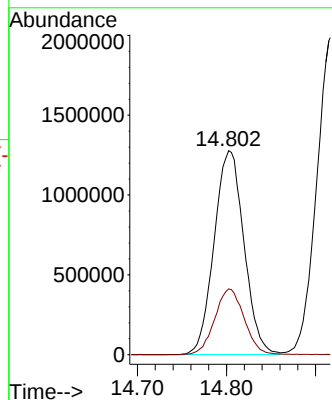
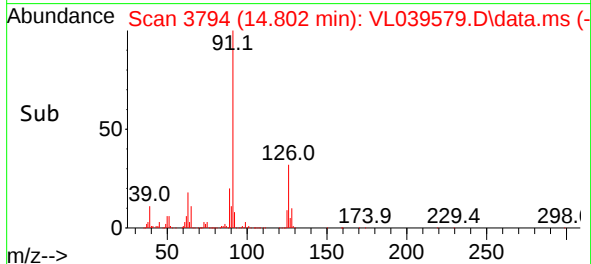
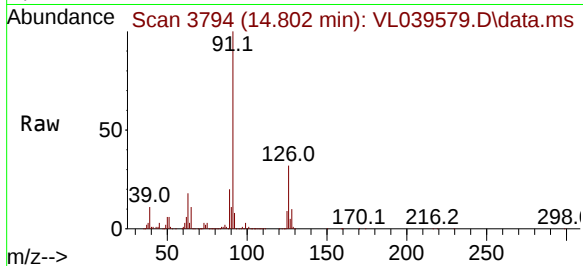
#71
2-Chlorotoluene
Concen: 10.091 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 297278
Ion Ratio Lower Upper
91 100
126 32.0 13.0 51.8

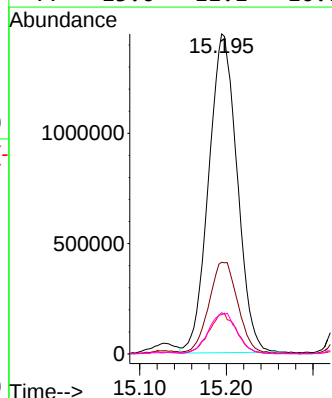
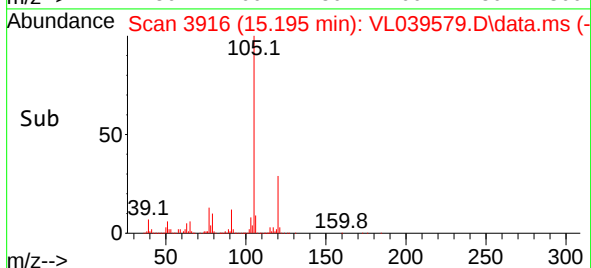
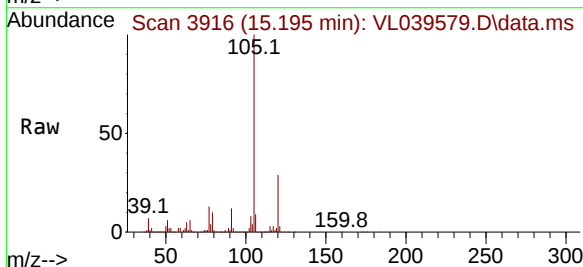
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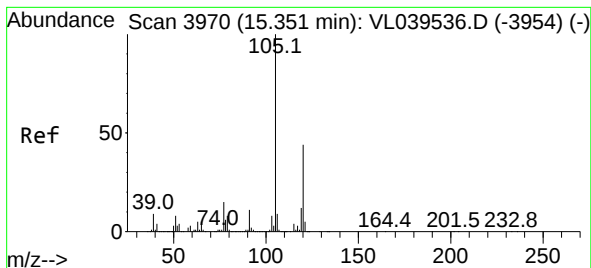
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#72
4-Ethyltoluene
Concen: 10.486 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

Tgt Ion:105 Resp: 3297973
Ion Ratio Lower Upper
105 100
120 30.6 24.2 36.2
91 12.3 10.2 15.4
77 13.6 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.145 ppbv

RT: 15.355 min Scan# 3970

Delta R.T. 0.004 min

Lab File: VL039579.D

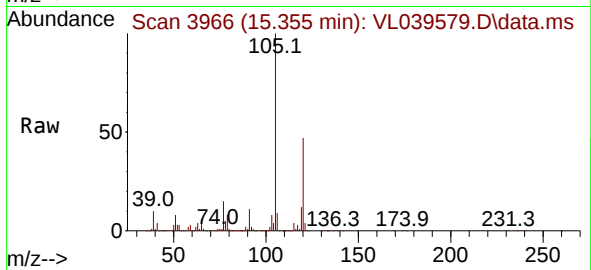
Acq: 25 Aug 2022 15:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 291574

Ion Ratio Lower Upper

105 100

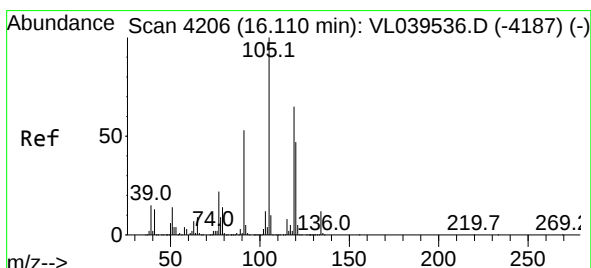
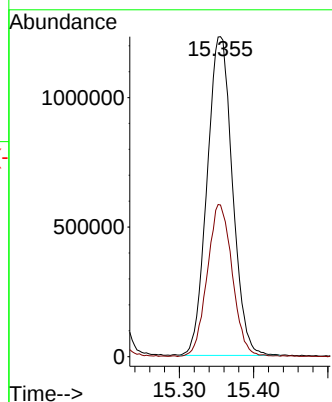
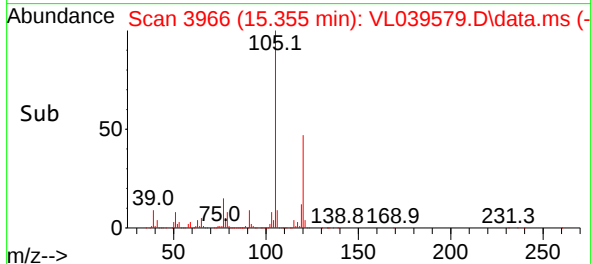
120 47.4 38.2 57.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.727 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. 0.004 min

Lab File: VL039579.D

Acq: 25 Aug 2022 15:20

Tgt Ion:105 Resp: 3115205

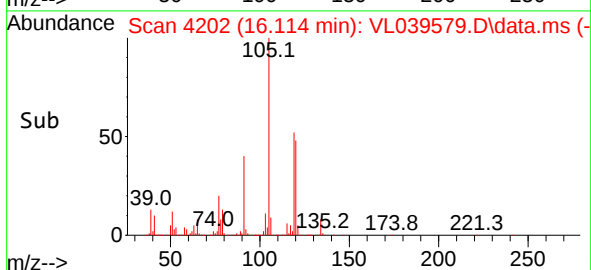
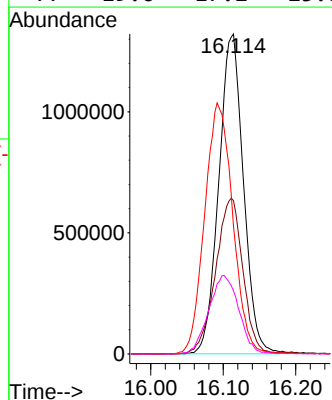
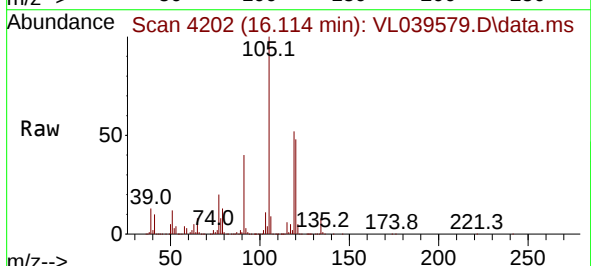
Ion Ratio Lower Upper

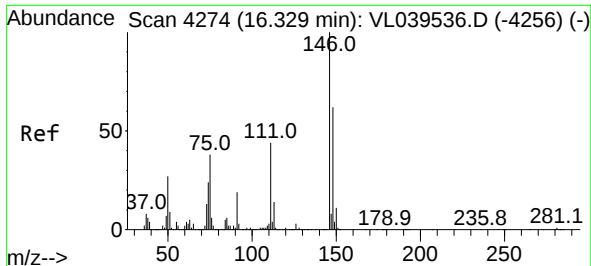
105 100

120 47.9 39.5 59.3

91 39.6 39.2 58.8

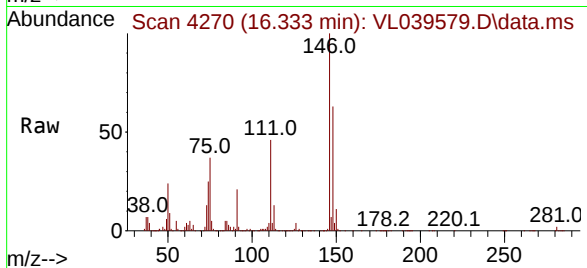
77 19.6 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 9.693 ppbv
RT: 16.333 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20

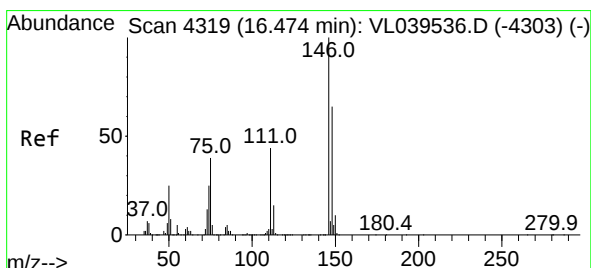
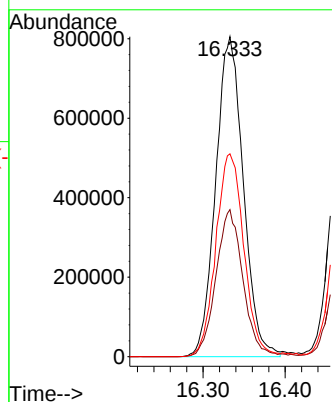
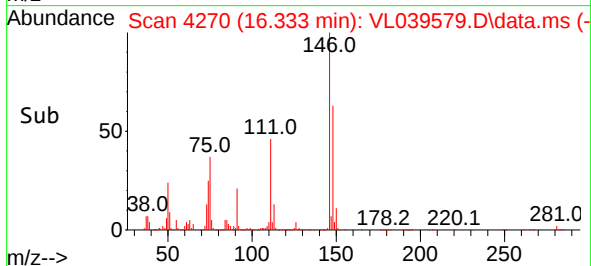
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



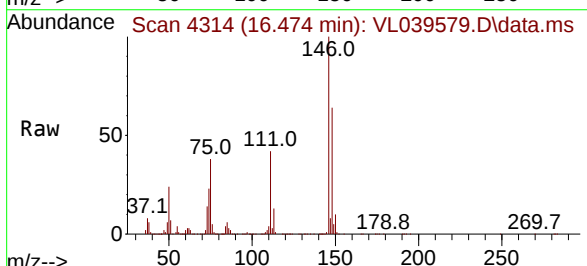
Tgt Ion:146 Resp: 188734
Ion Ratio Lower Upper
146 100
111 45.1 22.9 68.7
148 64.9 32.1 96.5

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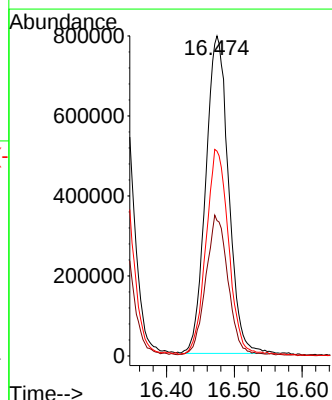
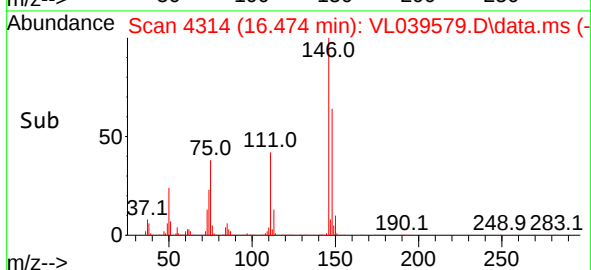
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

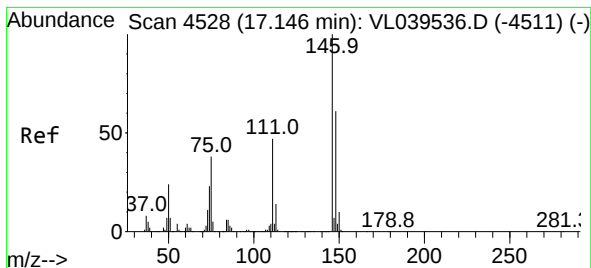


#76
1,4-Dichlorobenzene
Concen: 9.555 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.001 min
Lab File: VL039579.D
Acq: 25 Aug 2022 15:20



Tgt Ion:146 Resp: 1853585
Ion Ratio Lower Upper
146 100
111 43.8 22.9 68.8
148 65.7 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.464 ppbv

RT: 17.143 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039579.D

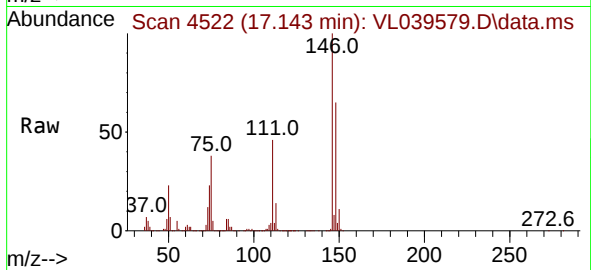
Acq: 25 Aug 2022 15:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 180442

Ion Ratio Lower Upper

146 100

111 46.1 23.8 71.5

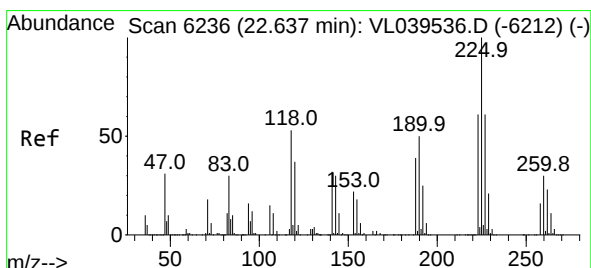
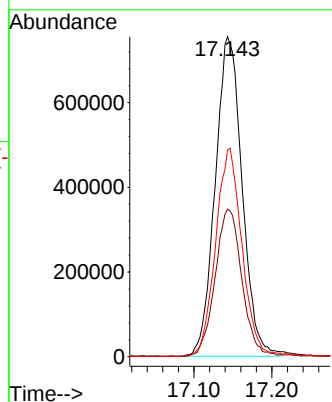
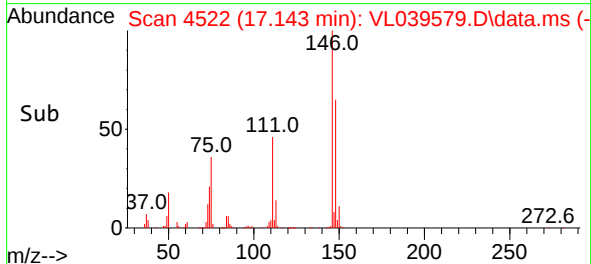
148 64.6 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.732 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. -0.006 min

Lab File: VL039579.D

Acq: 25 Aug 2022 15:20

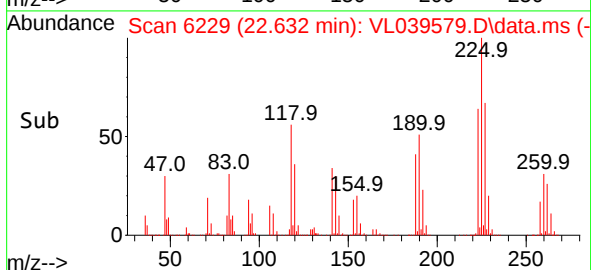
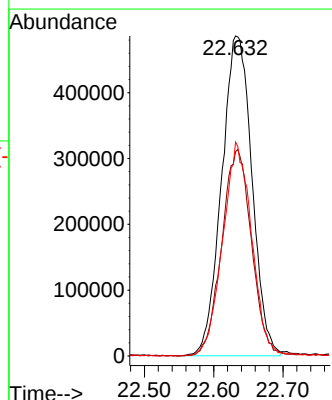
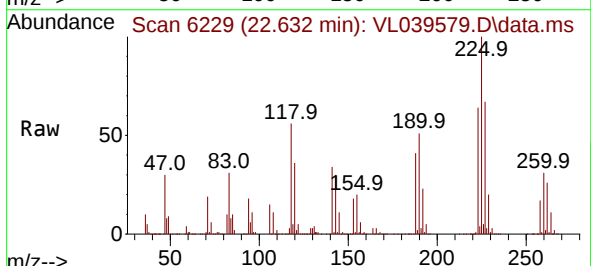
Tgt Ion:225 Resp: 1477851

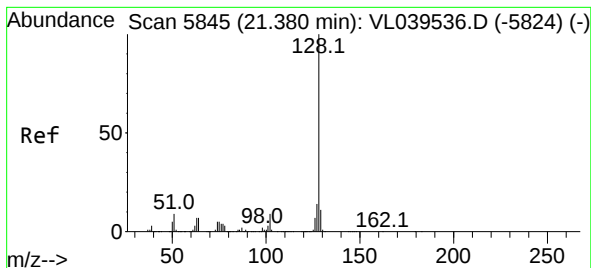
Ion Ratio Lower Upper

225 100

223 63.5 51.8 77.6

227 63.8 51.4 77.2





#79

Naphthalene

Concen: 13.701 ppbv

RT: 21.384 min Scan# 5845

Delta R.T. 0.004 min

Lab File: VL039579.D

Acq: 25 Aug 2022 15:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 312489

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

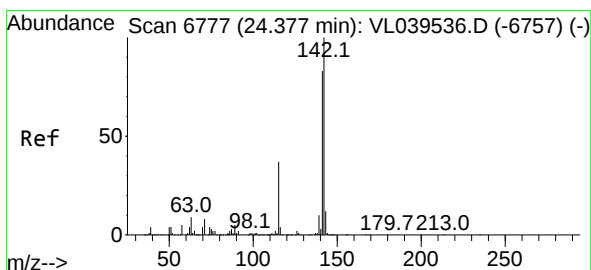
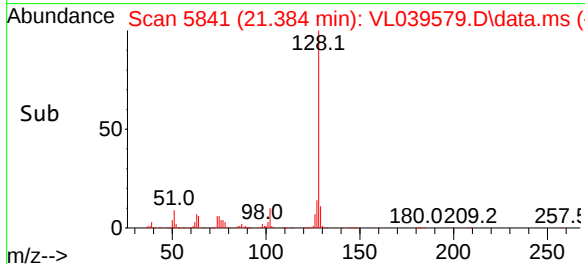
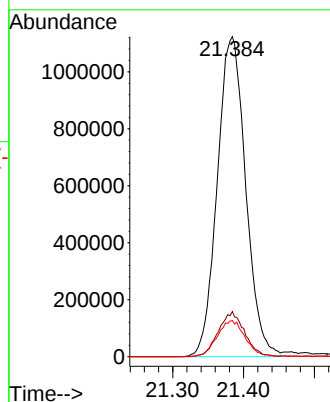
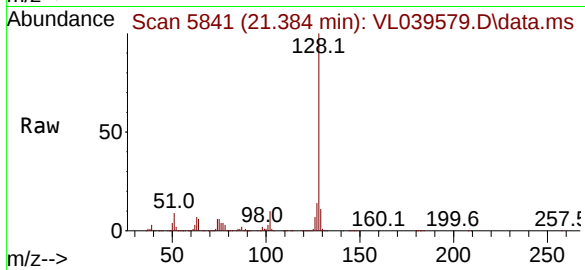
129 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#80

Naphthalene,2-methyl-

Concen: 14.900 ppbv

RT: 24.377 min Scan# 6772

Delta R.T. 0.001 min

Lab File: VL039579.D

Acq: 25 Aug 2022 15:20

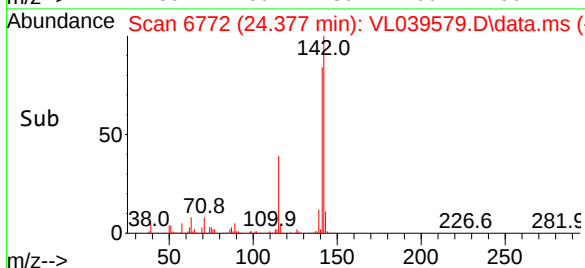
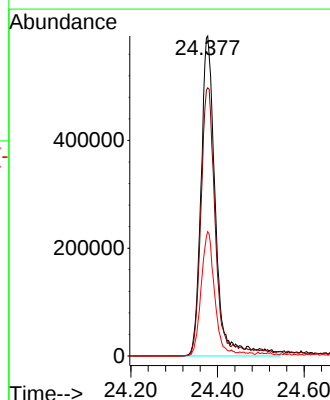
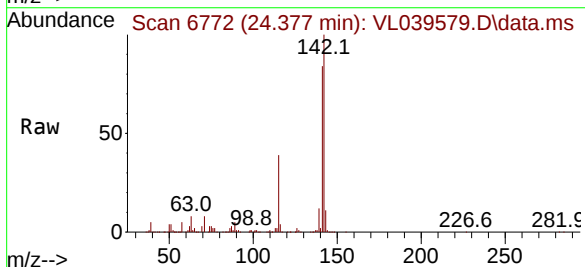
Tgt Ion:142 Resp: 1379218

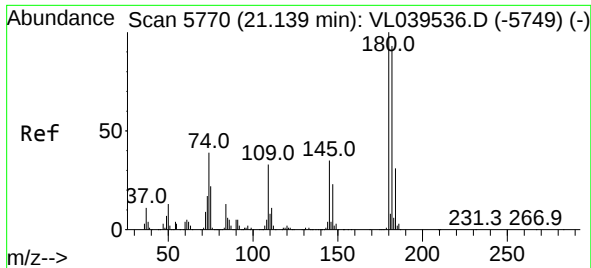
Ion Ratio Lower Upper

142 100

141 85.6 68.9 103.3

115 37.2 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 11.401 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.001 min

Lab File: VL039579.D

Acq: 25 Aug 2022 15:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:180 Resp: 1736370

Ion Ratio Lower Upper

180 100

182 96.5 77.1 115.7

184 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022

