

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012722\
 Data File : VL038297.D
 Acq On : 27 Jan 2022 14:28
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jan 28 05:10:51 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 28 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

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

Internal Standards						
1) Bromochloromethane	5.648	49	822579	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.153	114	2175991	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.056	117	2017563m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.384	95	1550943	10.128	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.044	85	1787657	10.209	ppbv	99
3) Chlorodifluoromethane	2.983	51	1517495	9.267	ppbv	99
4) Chloromethane	3.134	50	508829	9.032	ppbv	97
5) Vinyl Chloride	3.250	62	526524	9.364	ppbv	97
6) Bromomethane	3.465	94	293702	9.662	ppbv	97
7) Chloroethane	3.549	64	175773	9.255	ppbv	100
8) Dichlorotetrafluoroethane	3.182	85	1304438	9.627	ppbv	98
9) Propene	3.005	41	496823	9.320	ppbv	98
10) Heptane	8.098	43	1306304	9.525	ppbv	99
11) Trichlorofluoromethane	3.938	101	1328822	9.741	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.468	101	977281	9.477	ppbv	99
13) Ethanol	3.597	45	47778m	8.349	ppbv	
14) Bromoethene	3.729	108	391063	9.705	ppbv	99
15) Acetone	3.838	43	648121	8.938	ppbv	100
16) 1,3-Butadiene	3.320	39	513957	9.877	ppbv	98
17) tert-Butyl alcohol	4.272	59	711672	8.942	ppbv	97
18) 1,1-Dichloroethene	4.275	96	428371	9.553	ppbv	98
19) Isopropyl Alcohol	3.951	45	367257	8.096	ppbv #	98
20) Methylene Chloride	4.330	84	356746	8.459	ppbv	99
21) Allyl Chloride	4.398	41	639638	9.970	ppbv	98
22) trans-1,2-Dichloroethene	4.870	96	455255	9.826	ppbv	94
23) Vinyl Acetate	5.053	43	1017060	9.647	ppbv	100
24) 1,1-Dichloroethane	4.996	63	905689	9.643	ppbv	100
25) Ethyl Acetate	5.658	43	2025792	9.978	ppbv	100
26) Hexane	5.668	57	928000	9.827	ppbv	100
27) Carbon Disulfide	4.536	76	1092077	9.885	ppbv	99
28) Methyl tert-Butyl Ether	5.015	73	950048	9.698	ppbv	99
29) Chloroform	5.732	83	1503374	9.753	ppbv	99
30) Cyclohexane	7.108	84	774260	9.417	ppbv	98
31) cis-1,2-Dichloroethene	5.533	61	923600	11.212	ppbv	96
32) 1,1,1-Trichloroethane	6.491	97	1488719	9.670	ppbv	99
34) 2-Butanone	5.227	43	700019	9.837	ppbv	100
35) Carbon Tetrachloride	6.996	117	1554855	10.180	ppbv	98
36) Benzene	6.870	78	1943250	10.096	ppbv	99
37) 1,2-Dichloroethane	6.285	62	1149477	10.426	ppbv	99
38) Trichloroethene	7.809	130	710101	9.904	ppbv	97
39) 1,2-Dichloropropane	7.590	63	758054	9.714	ppbv	97
40) 1,4-Dioxane	7.812	88	189409	10.085	ppbv	79
41) Tetrahydrofuran	6.028	42	496040	10.370	ppbv	99
42) Bromodichloromethane	7.767	83	1651487	10.097	ppbv	99
43) Methyl Methacrylate	7.989	69	737640	10.835	ppbv	99
44) 2,2,4-Trimethylpentane	7.848	57	3298232	9.724	ppbv	99
45) t-1,3-Dichloropropene	9.253	75	657033	11.878	ppbv	99

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 05:10:51 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M

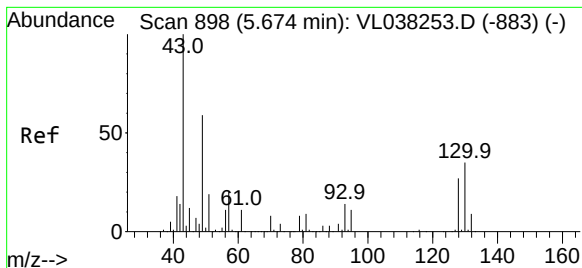
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 2

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

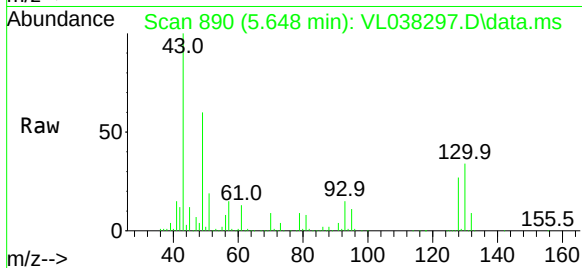
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.677	75	838598	11.363	ppbv	99
47) 1,1,2-Trichloroethane	9.446	97	774150	10.096	ppbv	98
48) Dibromochloromethane	10.275	129	1332503	10.322	ppbv	99
49) Bromoform	13.011	173	960667	10.323	ppbv	99
50) 4-Methyl-2-Pentanone	8.716	43	1331972	10.493	ppbv	100
51) 2-Hexanone	10.111	43	610840	10.926	ppbv #	99
52) Tetrachloroethene	11.198	164	630966	9.512	ppbv	97
53) Toluene	9.780	91	2202110	10.336	ppbv	99
54) 1,2-Dibromoethane	10.584	107	1132962	10.393	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.095	131	857429	9.710	ppbv	95
57) Chlorobenzene	12.118	112	1560549	9.666	ppbv	99
58) Ethyl Benzene	12.680	91	2914924	9.831	ppbv	99
59) m/p-Xylene	12.966	91	4853390m	19.185	ppbv	
60) o-Xylene	13.664	91	2274178	9.666	ppbv	99
61) Styrene	13.497	104	1176034	10.710	ppbv	100
62) Isopropylbenzene	14.638	105	2989742	9.532	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.645	83	1556345	8.940	ppbv	99
64) n-propylbenzene	15.532	120	740267	9.811	ppbv	100
65) tert-Butylbenzene	16.719	119	2401030	9.294	ppbv	99
66) Benzyl Chloride	16.957	91	121095	10.319	ppbv	99
67) sec-Butylbenzene	17.265	105	3332385	9.272	ppbv	100
69) p-Isopropyltoluene	17.622	119	2603642	9.467	ppbv	99
70) n-Butylbenzene	18.519	91	2587859	9.607	ppbv	100
71) 2-Chlorotoluene	15.420	91	2253482	9.700	ppbv	98
72) 4-Ethyltoluene	15.809	105	2468545	10.033	ppbv	99
73) 1,3,5-Trimethylbenzene	15.969	105	2140871	9.675	ppbv	99
74) 1,2,4-Trimethylbenzene	16.731	105	2159669	9.264	ppbv	92
75) 1,3-Dichlorobenzene	16.966	146	1164251	9.307	ppbv	100
76) 1,4-Dichlorobenzene	17.108	146	1107017	9.141	ppbv	97
77) 1,2-Dichlorobenzene	17.786	146	1045927	9.002	ppbv	99
78) Hexachloro-1,3-Butadiene	23.345	225	696377	8.621	ppbv	99
79) Naphthalene	22.162	128	1244604	11.419	ppbv	97
80) Naphthalene,2-methyl-	24.947	142	190699	16.089	ppbv	91
81) 1,2,4-Trichlorobenzene	21.886	180	655071	10.219	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

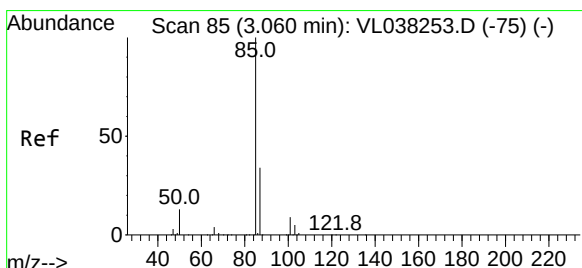
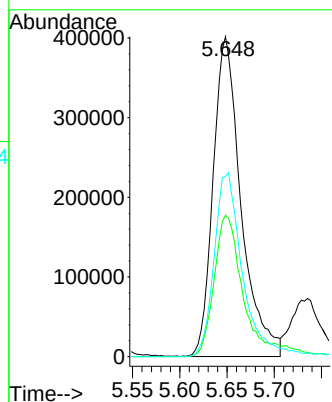
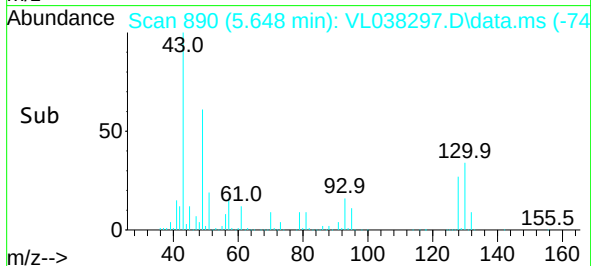
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



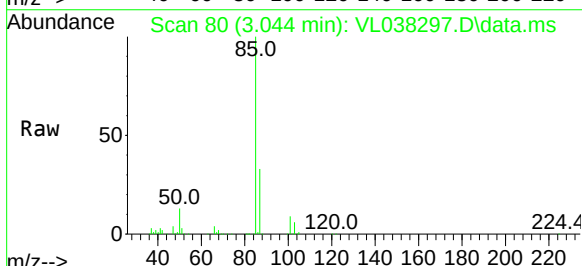
Tgt Ion: 49 Resp: 822579
Ion Ratio Lower Upper
49 100
128 48.5 24.5 73.5
130 59.7 30.1 90.5

Manual Integrations
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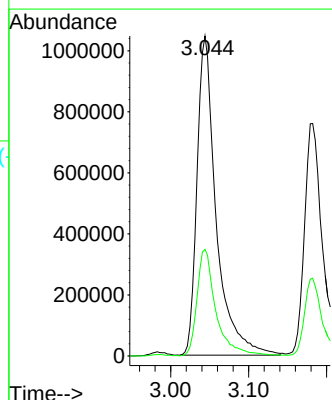
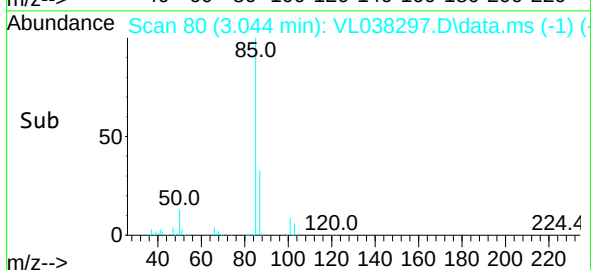
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

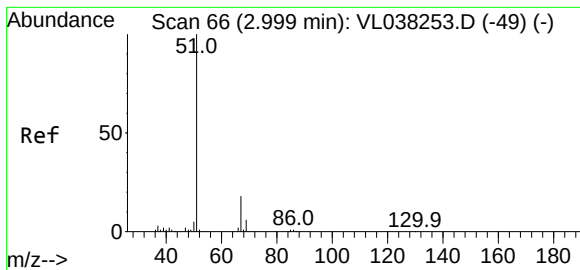


#2
Dichlorodifluoromethane
Concen: 10.209 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



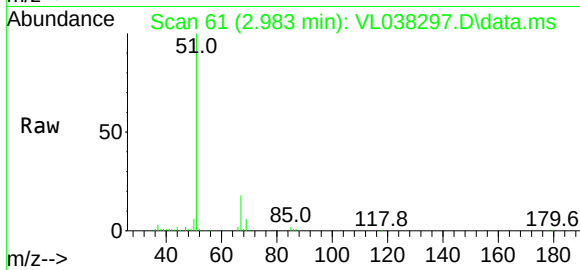
Tgt Ion: 85 Resp: 1787657
Ion Ratio Lower Upper
85 100
87 33.4 27.0 40.6





#3
Chlorodifluoromethane
Concen: 9.267 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

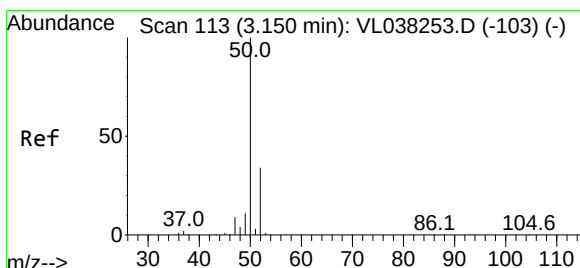
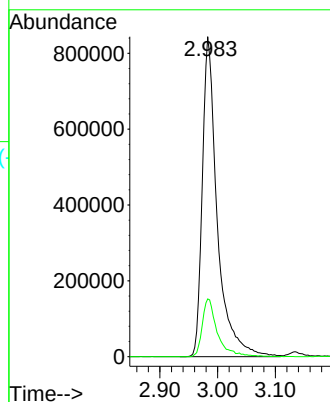
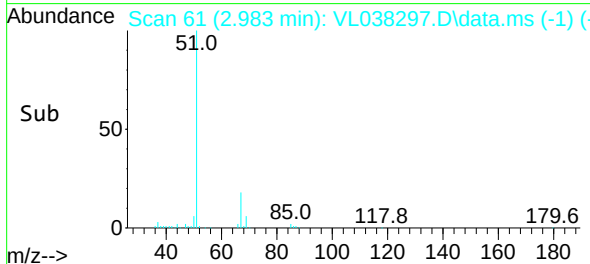
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 151749
Ion Ratio Lower Upper
51 100
67 18.4 14.4 21.6

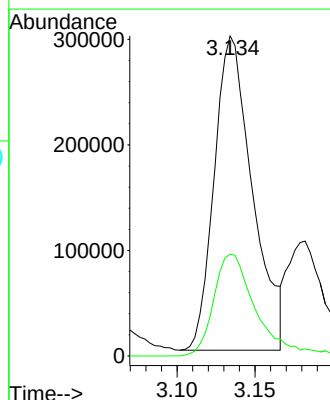
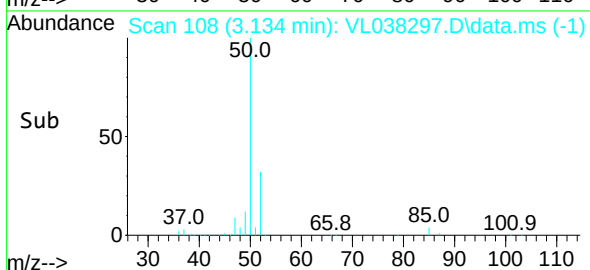
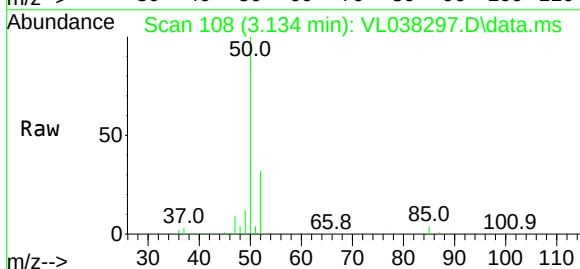
Manual Integrations
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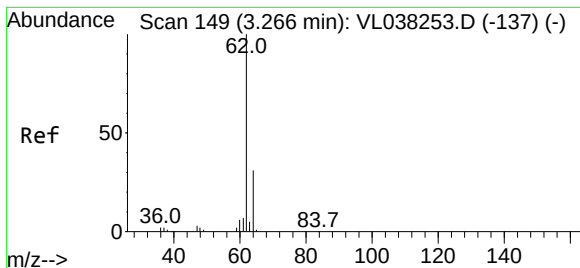
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#4
Chloromethane
Concen: 9.032 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.016 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

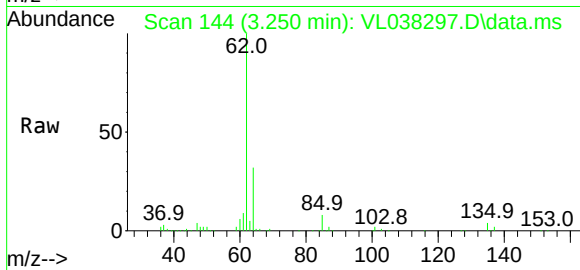
Tgt Ion: 50 Resp: 508829
Ion Ratio Lower Upper
50 100
52 32.4 27.1 40.7





#5
 Vinyl Chloride
 Concen: 9.364 ppbv
 RT: 3.250 min Scan# 149
 Delta R.T. -0.016 min
 Lab File: VL038297.D
 Acq: 27 Jan 2022 14:28

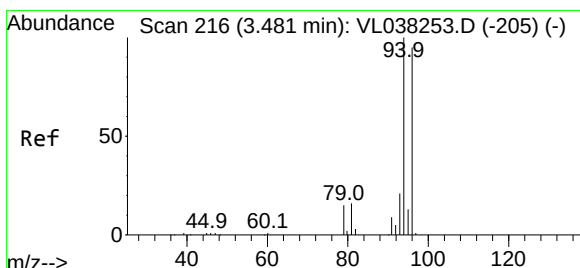
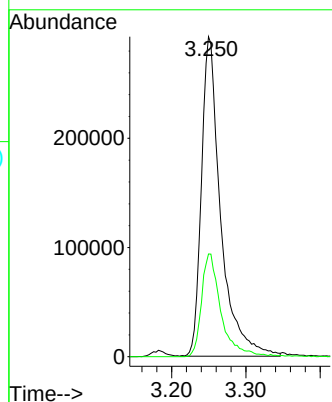
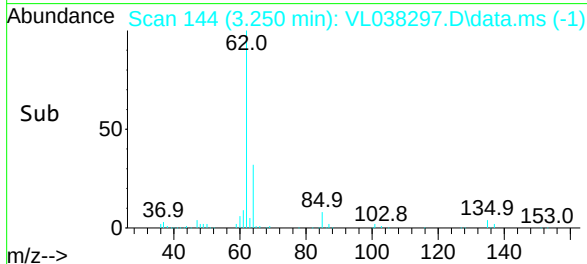
Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010



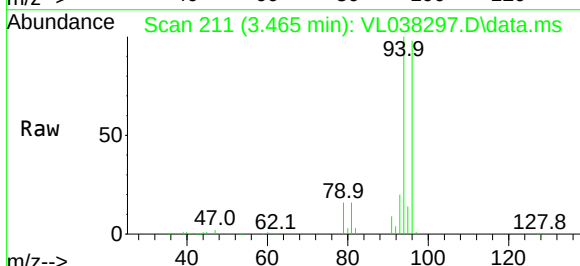
Tgt Ion: 62 Resp: 526524
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.4 36.6

Manual Integrations
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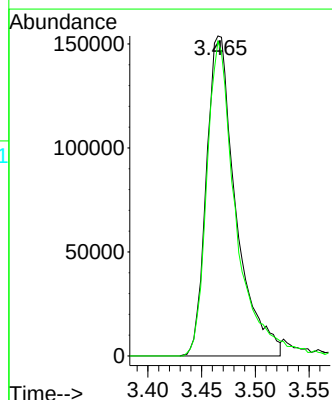
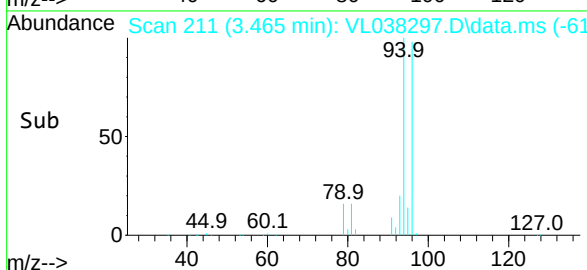
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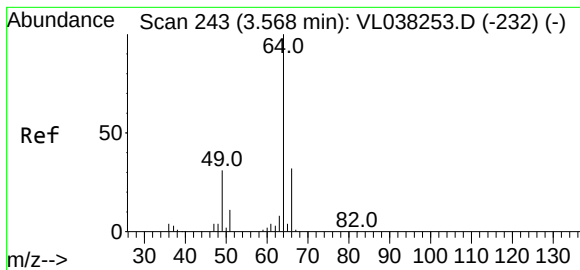


#6
 Bromomethane
 Concen: 9.662 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.016 min
 Lab File: VL038297.D
 Acq: 27 Jan 2022 14:28



Tgt Ion: 94 Resp: 293702
 Ion Ratio Lower Upper
 94 100
 96 98.3 76.0 114.0





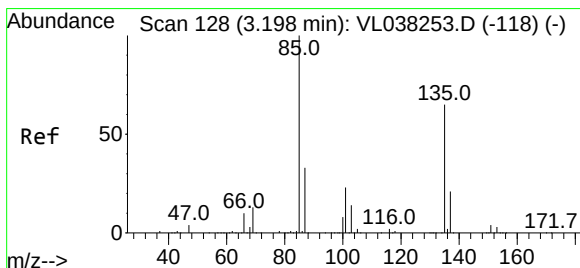
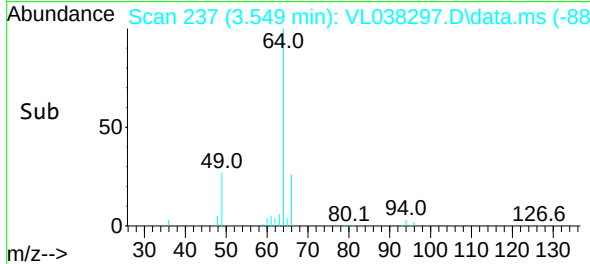
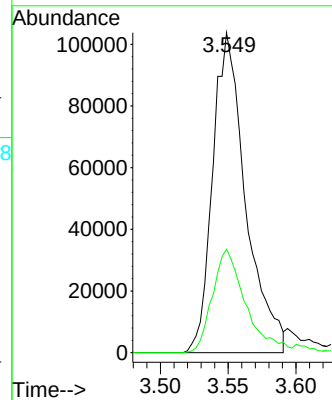
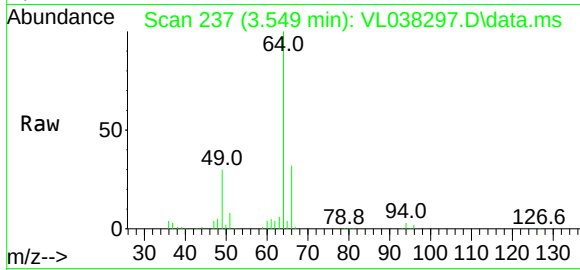
#7
Chloroethane
Concen: 9.255 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 17577
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.6

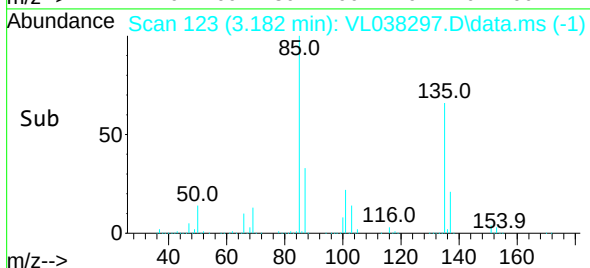
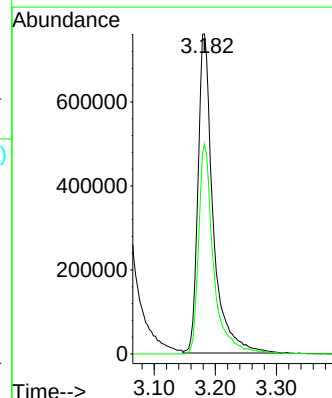
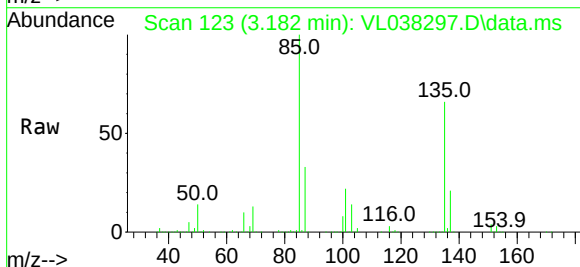
Manual Integrations
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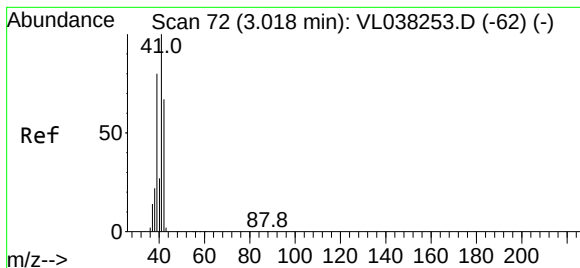
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#8
Dichlorotetrafluoroethane
Concen: 9.627 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.016 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Tgt Ion: 85 Resp: 1304438
Ion Ratio Lower Upper
85 100
135 65.6 53.7 80.5





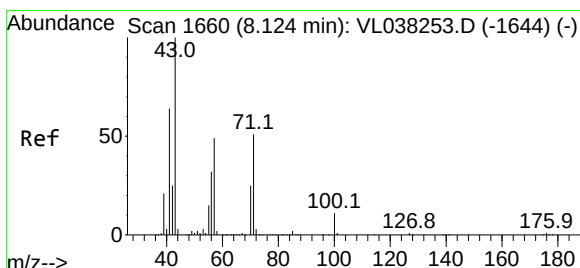
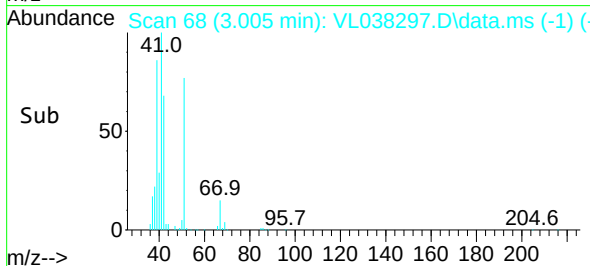
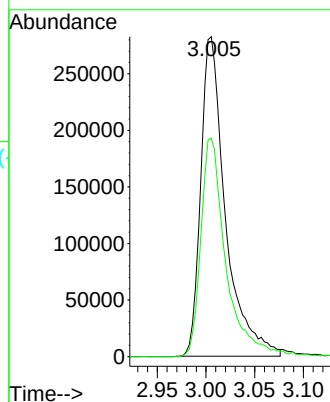
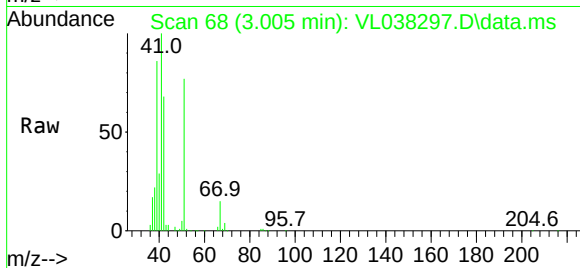
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Propene
Concen: 9.320 ppbv
RT: 3.005 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 49682
Ion Ratio Lower Upper
41 100
42 70.0 54.9 82.3

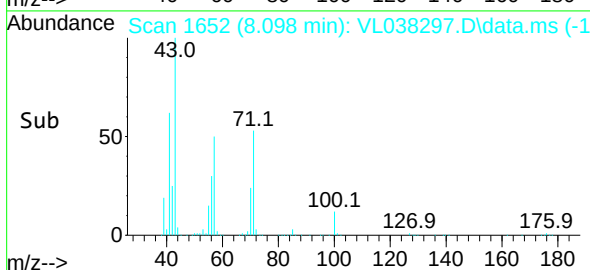
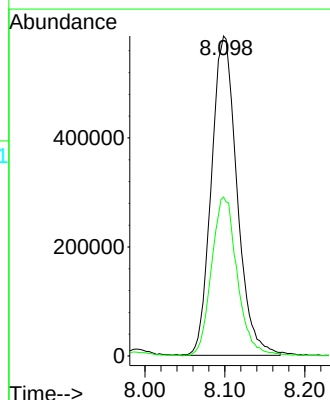
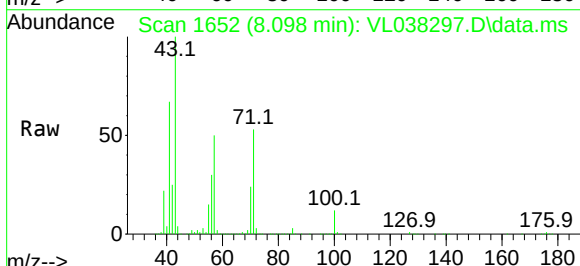
Manual Integrations
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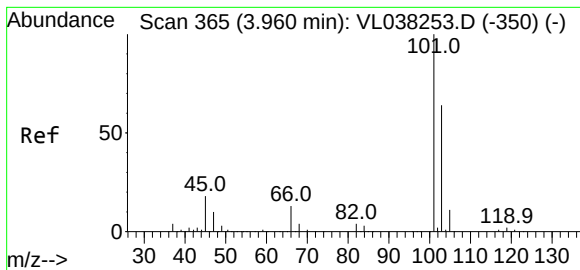
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#10
Heptane
Concen: 9.525 ppbv
RT: 8.098 min Scan# 1652
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Tgt Ion: 43 Resp: 1306304
Ion Ratio Lower Upper
43 100
57 50.3 39.5 59.3





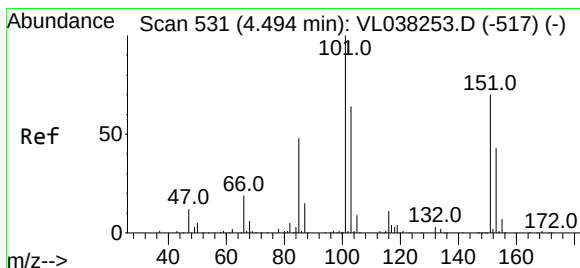
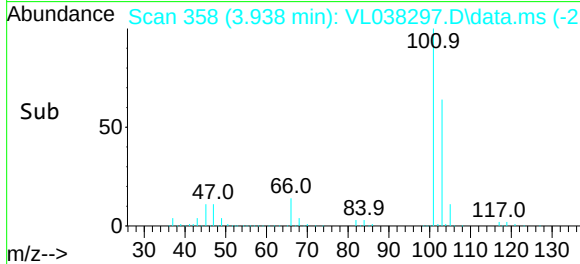
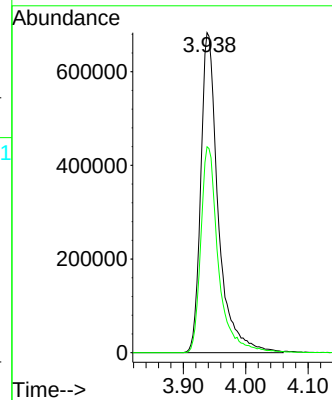
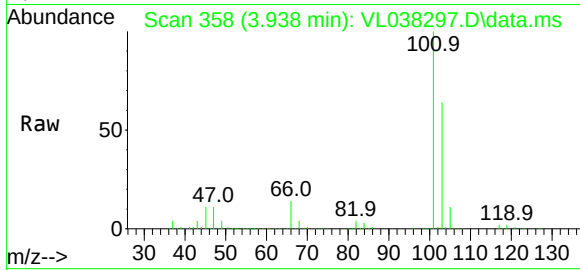
#11
Trichlorofluoromethane
Concen: 9.741 ppbv
RT: 3.938 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 132882
Ion Ratio Lower Upper
101 100
103 64.4 51.2 76.8

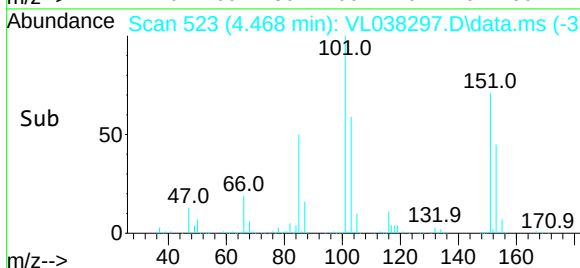
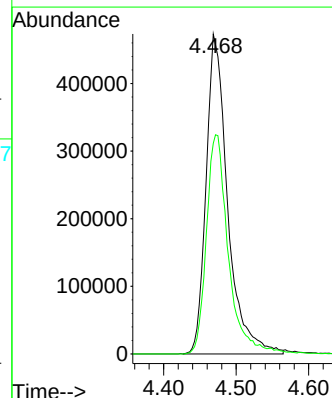
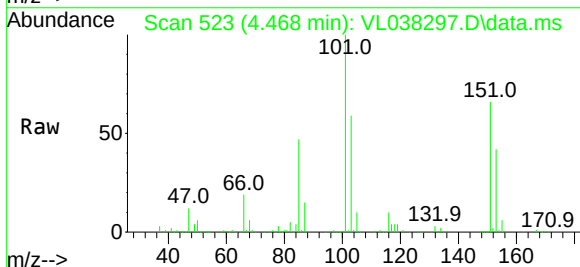
Manual Integrations
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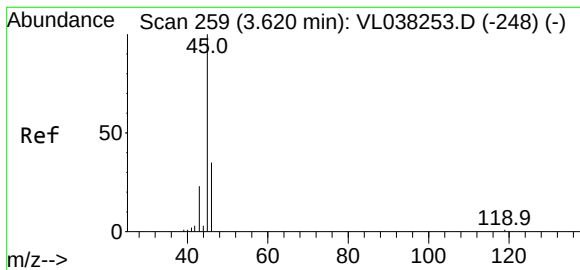
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.477 ppbv
RT: 4.468 min Scan# 523
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

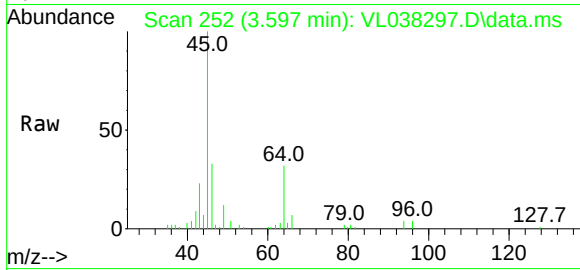
Tgt Ion:101 Resp: 977281
Ion Ratio Lower Upper
101 100
151 70.1 55.3 82.9





#13
Ethanol
Concen: 8.349 ppbv m
RT: 3.597 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

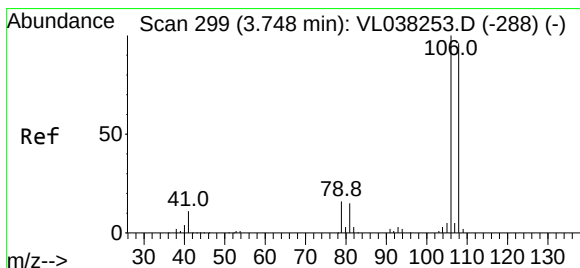
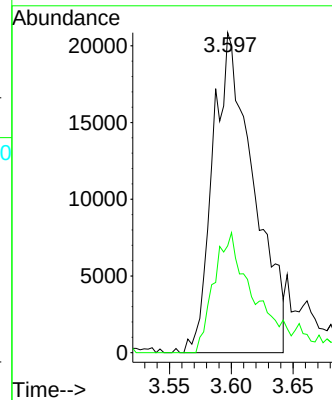
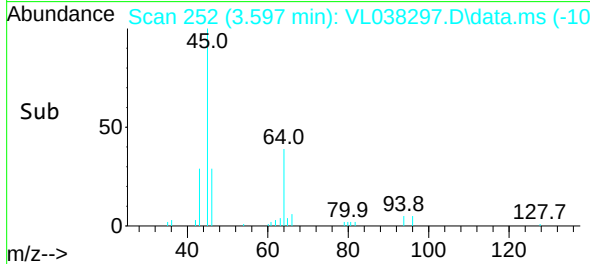
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 47778
Ion Ratio Lower Upper
45 100
46 44.8 15.4 61.6

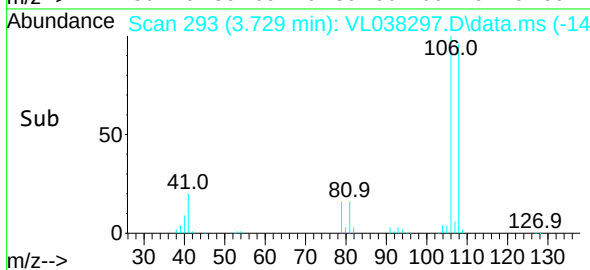
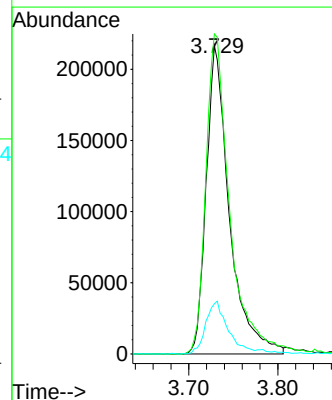
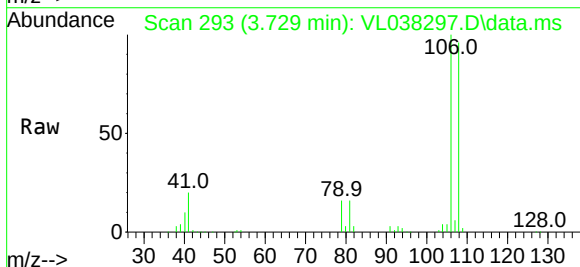
Manual Integrations
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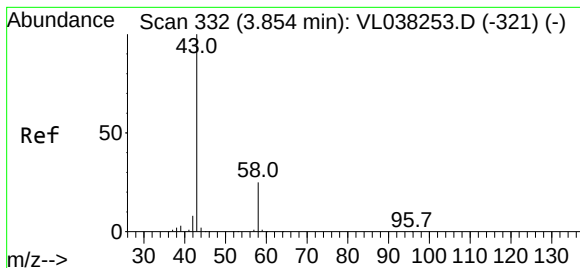
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#14
Bromoethene
Concen: 9.705 ppbv
RT: 3.729 min Scan# 293
Delta R.T. -0.019 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Tgt Ion:108 Resp: 391063
Ion Ratio Lower Upper
108 100
106 109.1 86.4 129.6
79 17.8 14.1 21.1





#15

Acetone

Concen: 8.938 ppbv

RT: 3.838 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 64812

Ion Ratio Lower Upper

43 100

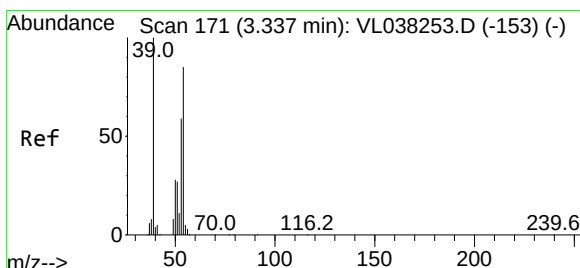
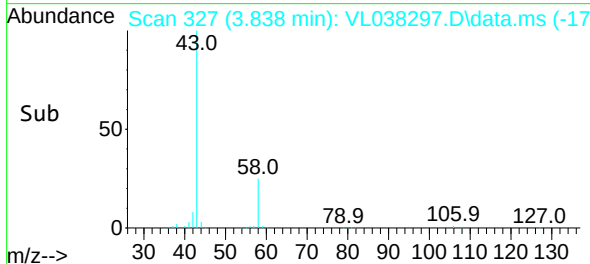
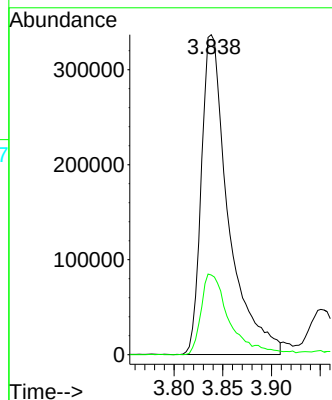
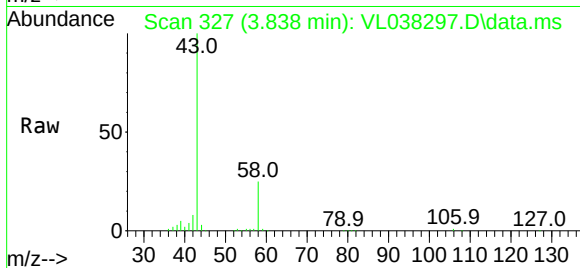
58 26.8 21.5 32.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#16

1,3-Butadiene

Concen: 9.877 ppbv

RT: 3.320 min Scan# 166

Delta R.T. -0.016 min

Lab File: VL038297.D

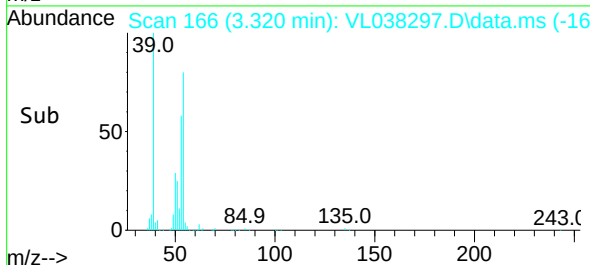
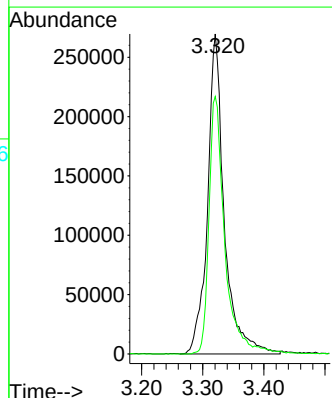
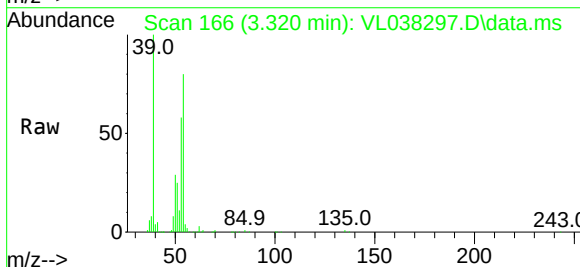
Acq: 27 Jan 2022 14:28

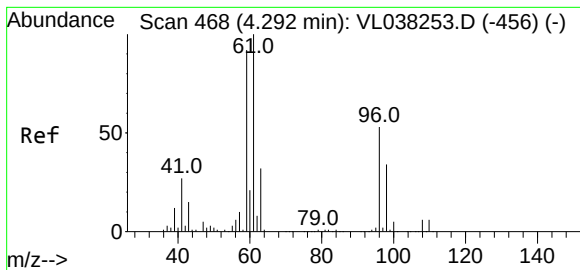
Tgt Ion: 39 Resp: 513957

Ion Ratio Lower Upper

39 100

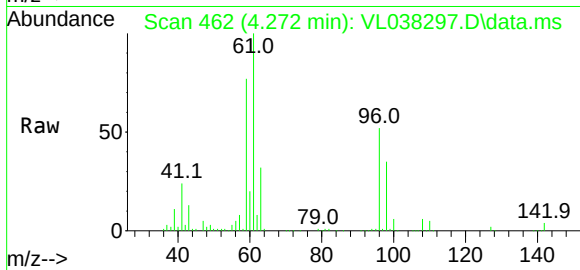
54 76.1 62.6 94.0





#17
tert-Butyl alcohol
Concen: 8.942 ppbv
RT: 4.272 min Scan# 40
Delta R.T. -0.019 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

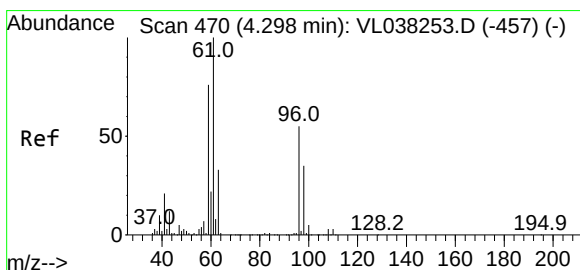
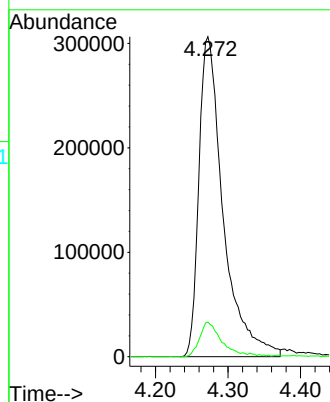
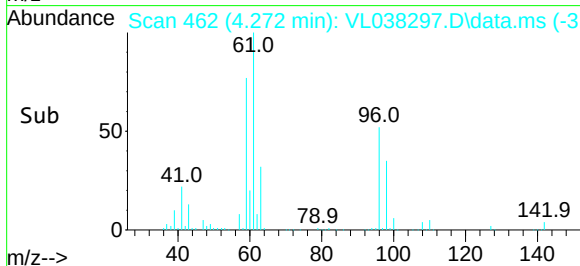
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



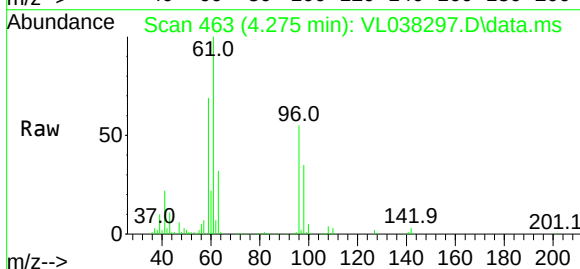
Tgt Ion: 59 Resp: 711672
Ion Ratio Lower Upper
59 100
57 10.2 9.2 13.8

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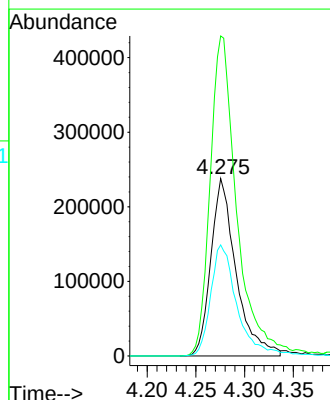
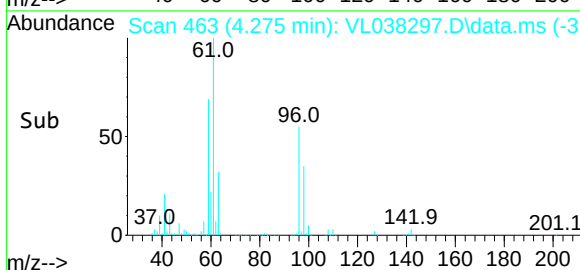
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

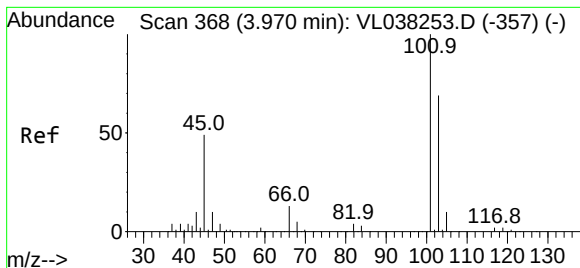


#18
1,1-Dichloroethene
Concen: 9.553 ppbv
RT: 4.275 min Scan# 463
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



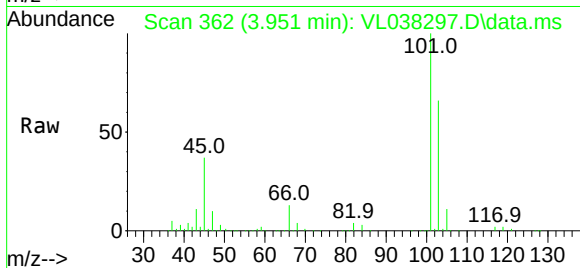
Tgt Ion: 96 Resp: 428371
Ion Ratio Lower Upper
96 100
61 180.4 146.5 219.7
98 62.6 51.9 77.9





#19
Isopropyl Alcohol
Concen: 8.096 ppbv
RT: 3.951 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

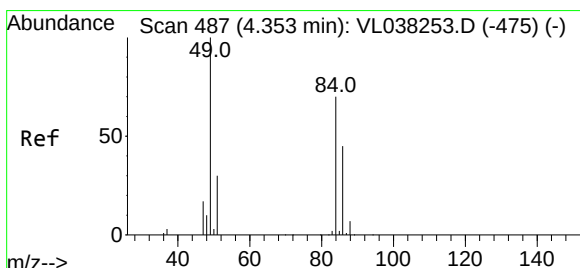
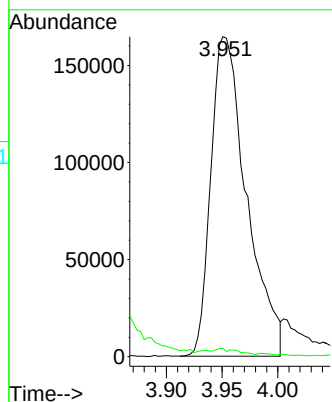
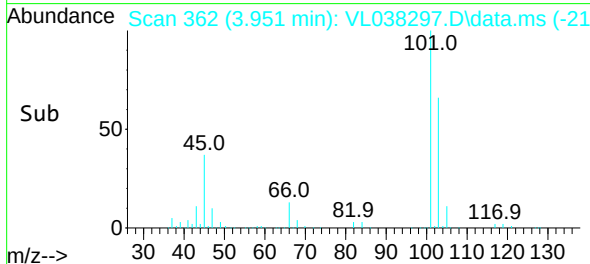
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 36725
Ion Ratio Lower Upper
45 100
58 3.6 2.3 3.5

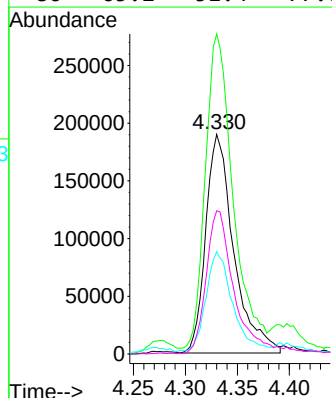
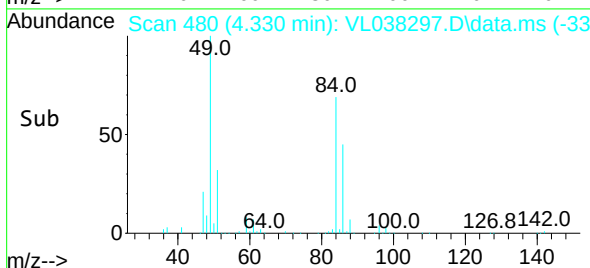
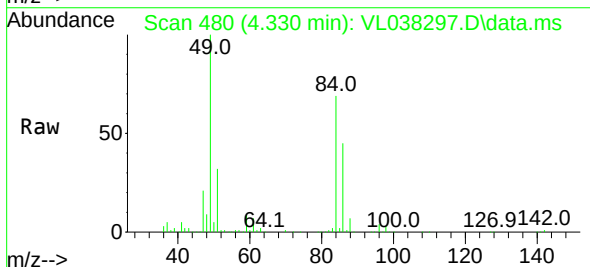
Manual Integrations
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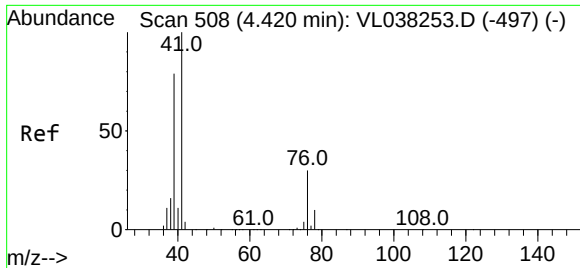
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#20
Methylene Chloride
Concen: 8.459 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Tgt Ion: 84 Resp: 356746
Ion Ratio Lower Upper
84 100
49 143.7 115.0 172.6
51 45.2 35.0 52.6
86 65.2 51.4 77.0





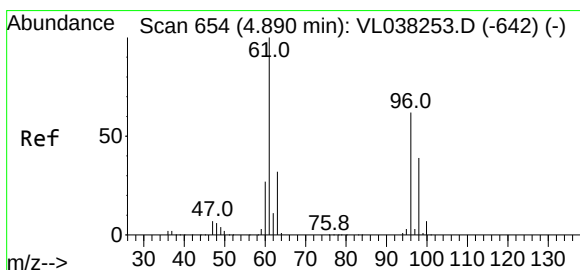
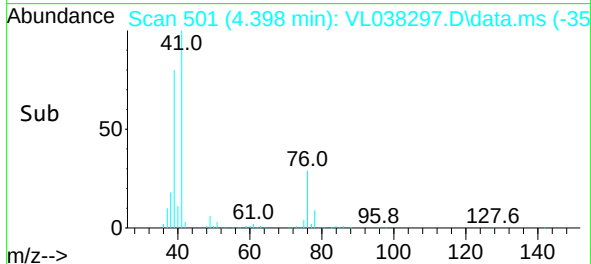
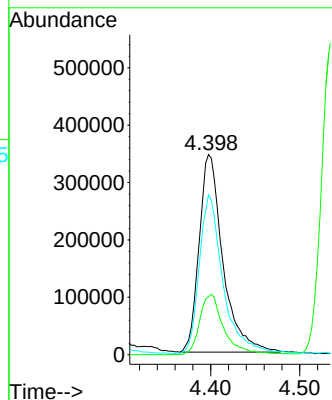
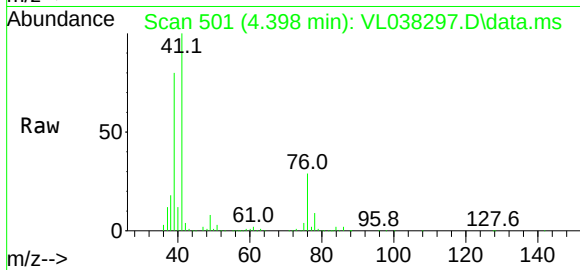
#21
 Allyl Chloride
 Concen: 9.970 ppbv
 RT: 4.398 min Scan# 508
 Delta R.T. -0.023 min
 Lab File: VL038297.D
 Acq: 27 Jan 2022 14:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 639638
 Ion Ratio Lower Upper
 41 100
 76 31.1 25.0 37.6
 39 80.7 63.0 94.6

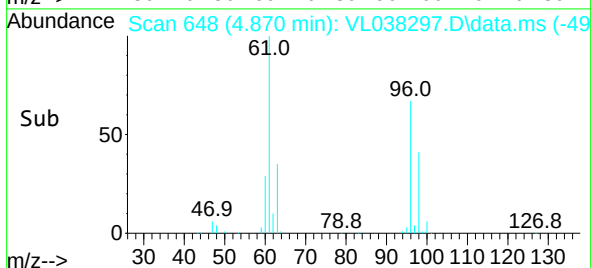
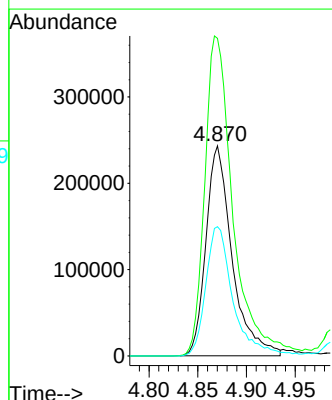
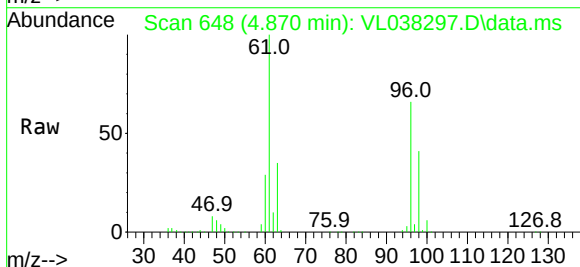
Manual Integrations
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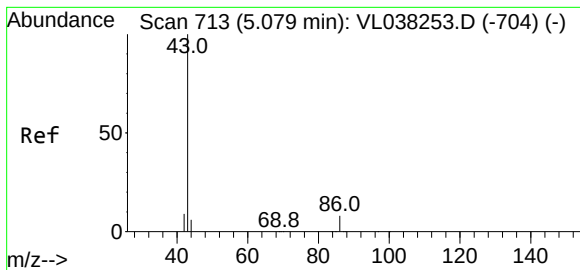
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.826 ppbv
 RT: 4.870 min Scan# 648
 Delta R.T. -0.019 min
 Lab File: VL038297.D
 Acq: 27 Jan 2022 14:28

Tgt Ion: 96 Resp: 455255
 Ion Ratio Lower Upper
 96 100
 61 151.1 128.8 193.2
 98 61.6 49.8 74.8





#23
 Vinyl Acetate
 Concen: 9.647 ppbv
 RT: 5.053 min Scan# 705
 Delta R.T. -0.026 min
 Lab File: VL038297.D
 Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

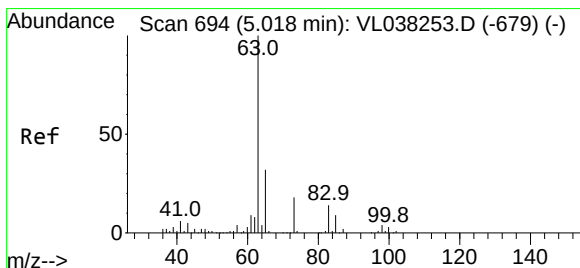
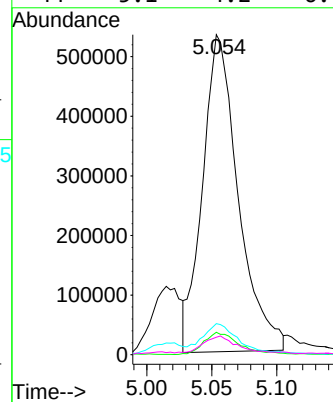
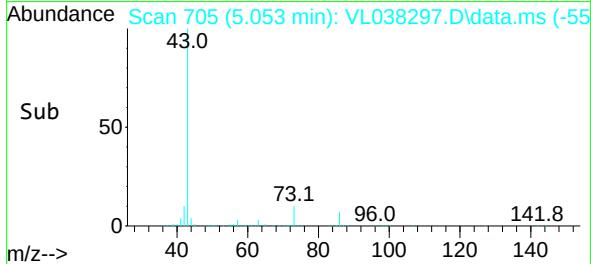
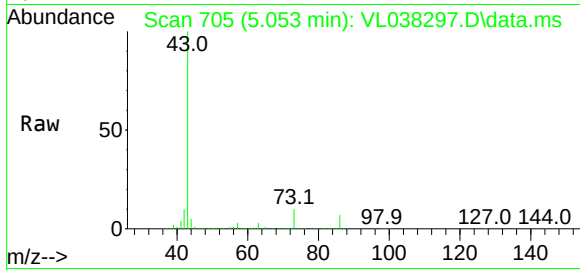
VSTDCCC010

Tgt Ion: 43 Resp: 1017060
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.7 8.5
 42 9.5 7.7 11.5
 44 5.1 4.2 6.4

Manual Integrations

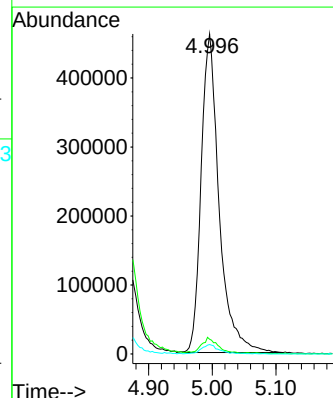
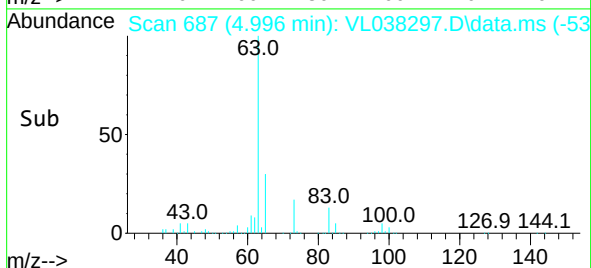
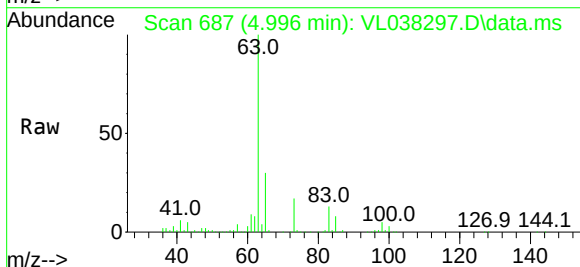
APPROVED

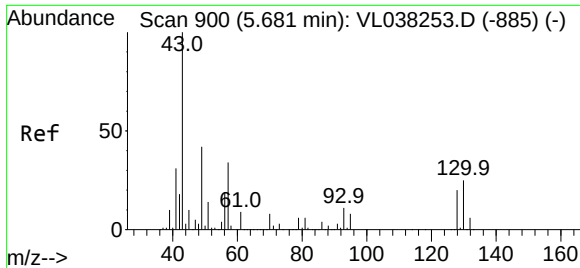
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#24
 1,1-Dichloroethane
 Concen: 9.643 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.023 min
 Lab File: VL038297.D
 Acq: 27 Jan 2022 14:28

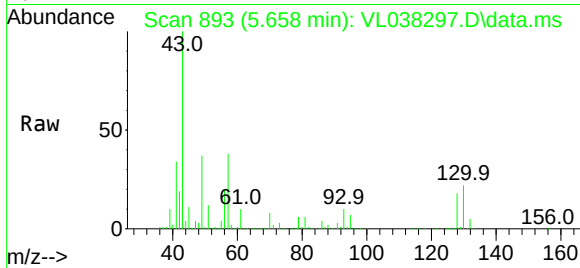
Tgt Ion: 63 Resp: 905689
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.3 6.8
 100 2.9 1.3 3.9





#25
Ethyl Acetate
Concen: 9.978 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

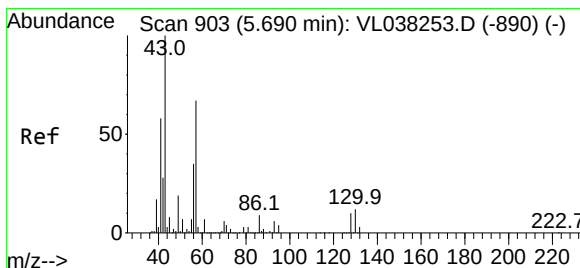
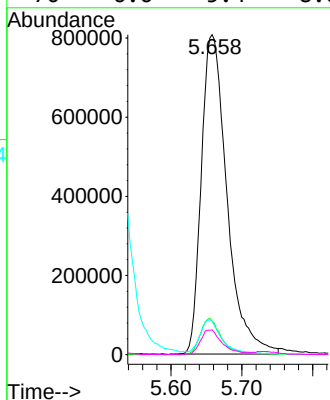
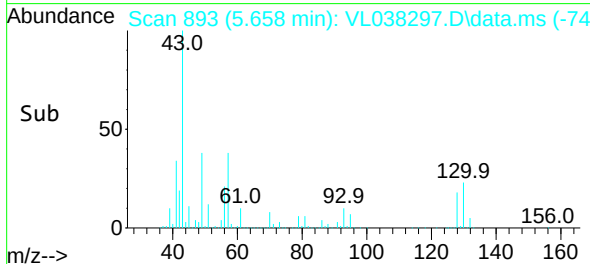
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2025792
Ion Ratio Lower Upper
43 100
45 9.9 7.9 11.9
61 9.7 7.8 11.8
70 6.6 5.4 8.0

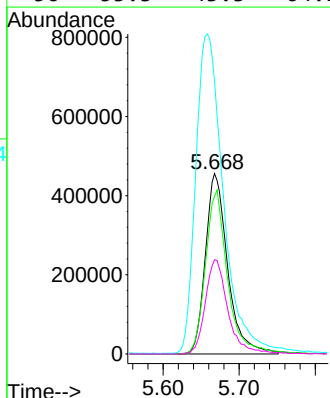
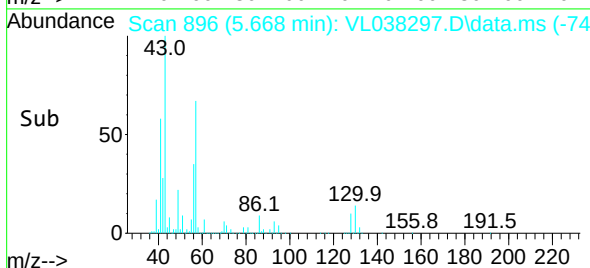
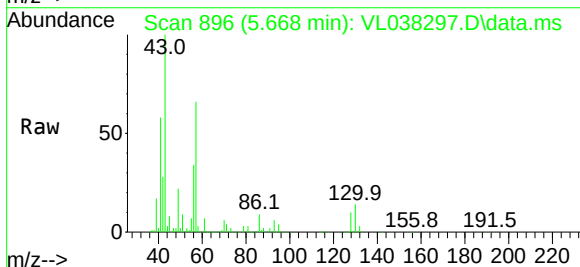
Manual Integrations
APPROVED

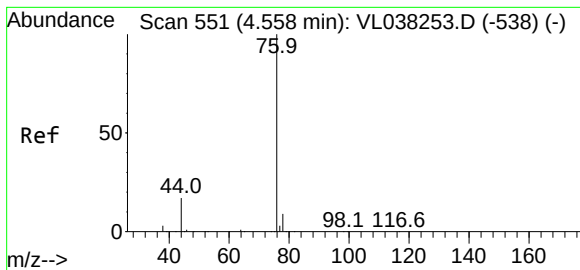
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#26
Hexane
Concen: 9.827 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

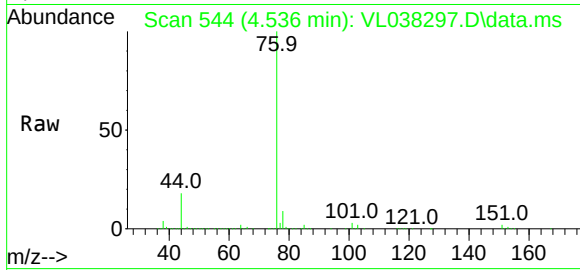
Tgt Ion: 57 Resp: 928000
Ion Ratio Lower Upper
57 100
41 90.6 72.8 109.2
43 221.5 177.0 265.6
56 53.3 43.3 64.9





#27
Carbon Disulfide
Concen: 9.885 ppbv
RT: 4.536 min Scan# 54
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

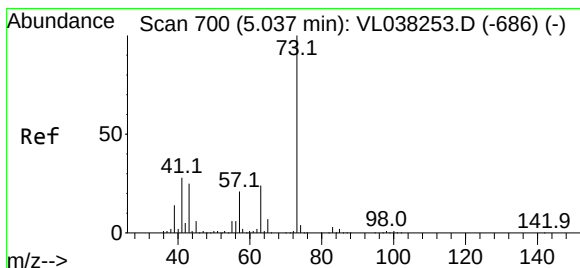
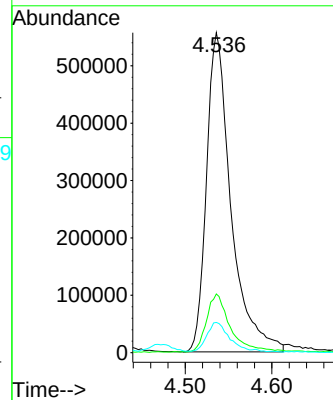
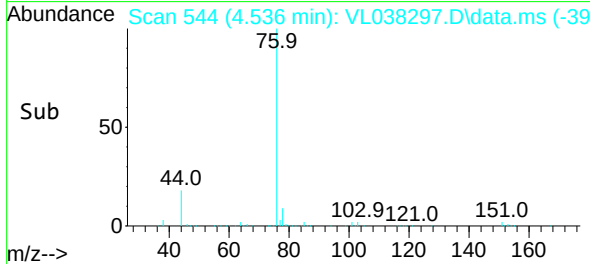
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 109207
Ion Ratio Lower Upper
76 100
44 18.1 14.8 22.2
78 9.6 7.9 11.9

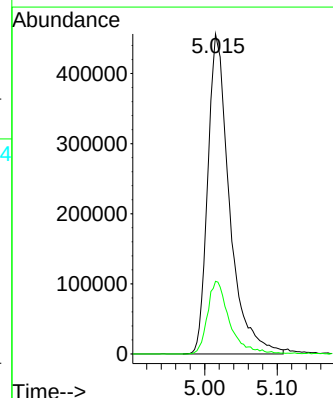
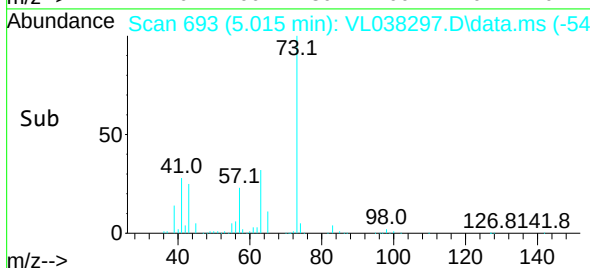
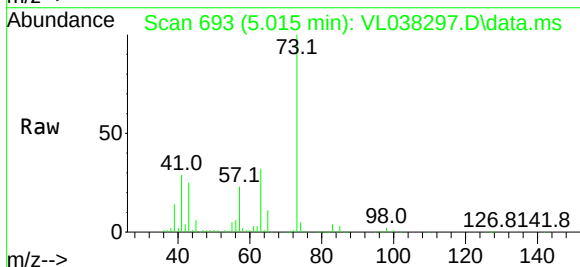
Manual Integrations
APPROVED

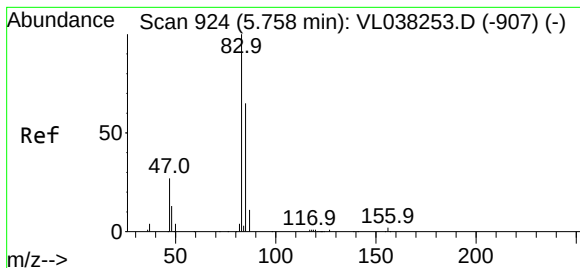
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#28
Methyl tert-Butyl Ether
Concen: 9.698 ppbv
RT: 5.015 min Scan# 693
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Tgt Ion: 73 Resp: 950048
Ion Ratio Lower Upper
73 100
57 23.3 18.2 27.4





#29

Chloroform

Concen: 9.753 ppbv

RT: 5.732 min Scan# 916

Delta R.T. -0.026 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1503374

Ion Ratio Lower Upper

83 100

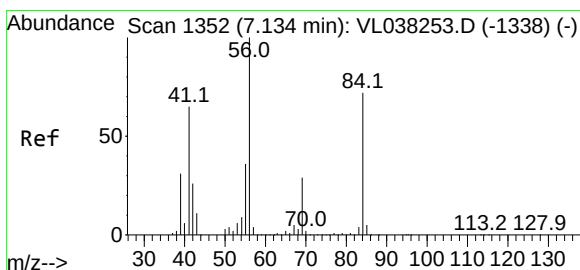
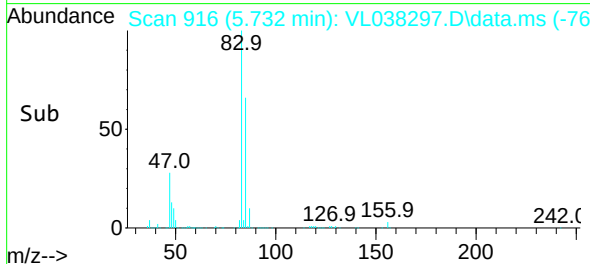
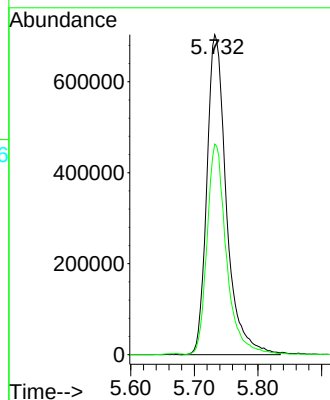
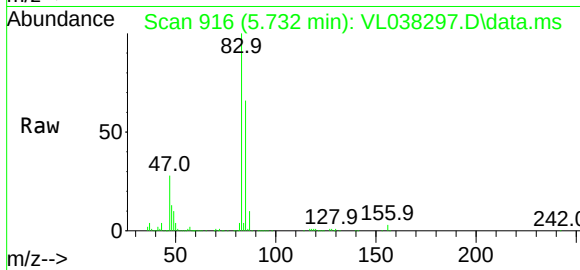
85 65.6 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#30

Cyclohexane

Concen: 9.417 ppbv

RT: 7.108 min Scan# 1344

Delta R.T. -0.026 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

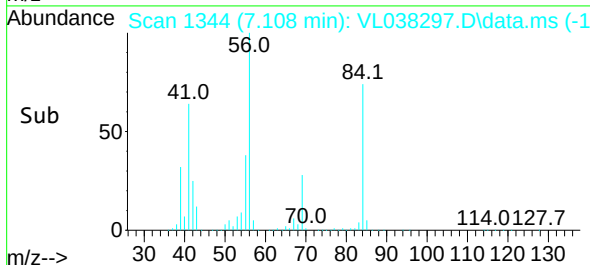
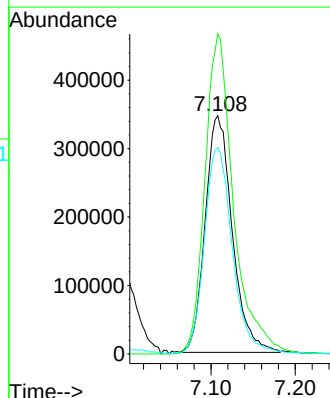
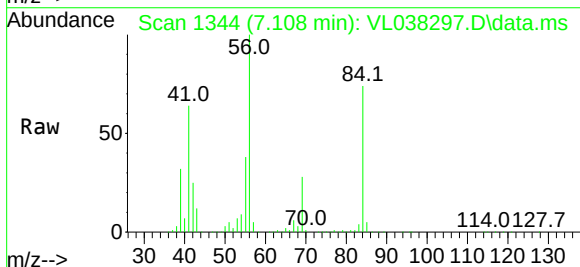
Tgt Ion: 84 Resp: 774260

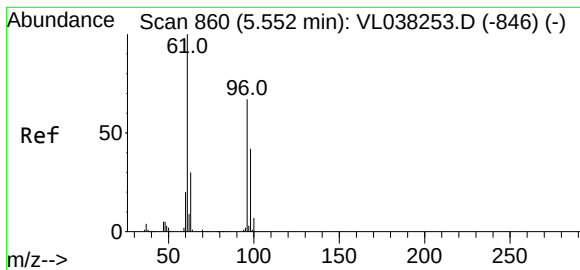
Ion Ratio Lower Upper

84 100

56 143.1 112.7 169.1

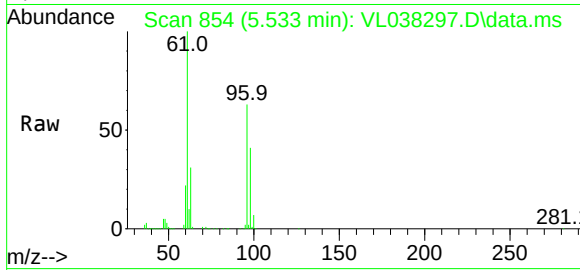
41 90.5 71.1 106.7





#31
cis-1,2-Dichloroethene
Concen: 11.212 ppbv
RT: 5.533 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

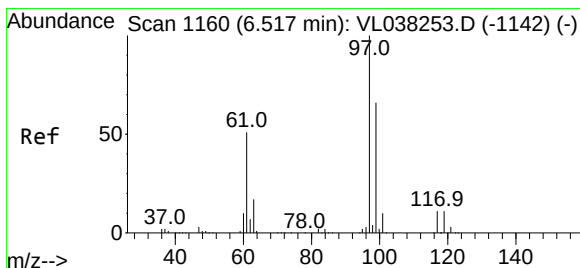
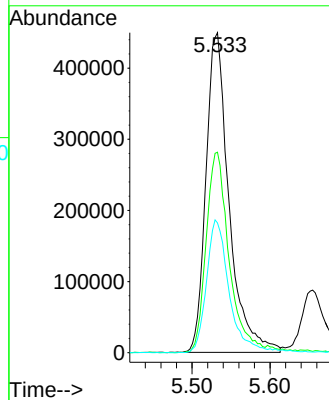
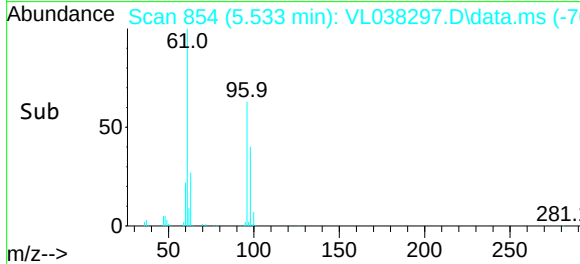
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 61 Resp: 923600
Ion Ratio Lower Upper
61 100
96 62.7 53.3 79.9
98 40.5 33.7 50.5

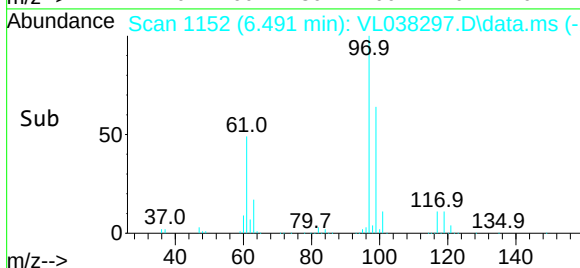
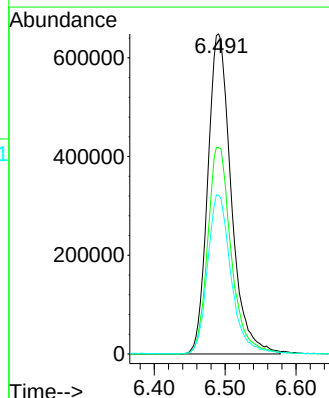
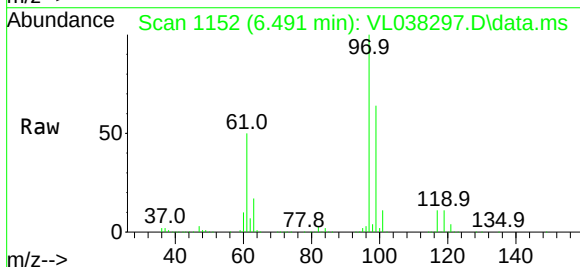
Manual Integrations
APPROVED

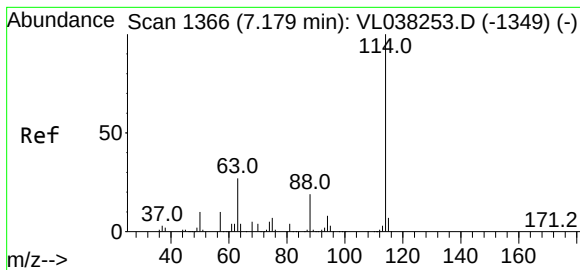
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#32
1,1,1-Trichloroethane
Concen: 9.670 ppbv
RT: 6.491 min Scan# 1152
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

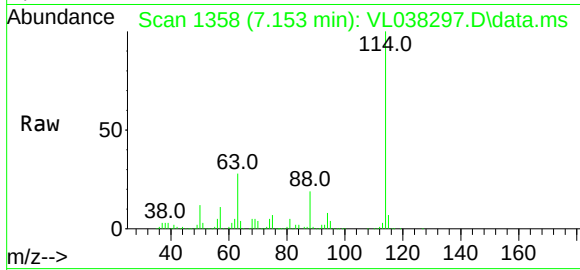
Tgt Ion: 97 Resp: 1488719
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 50.2 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

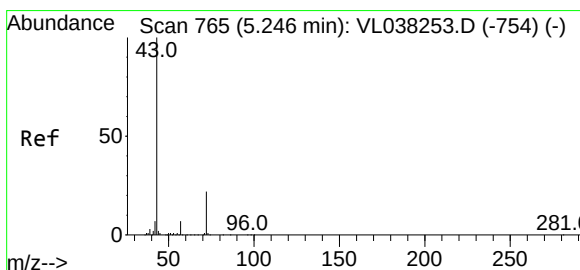
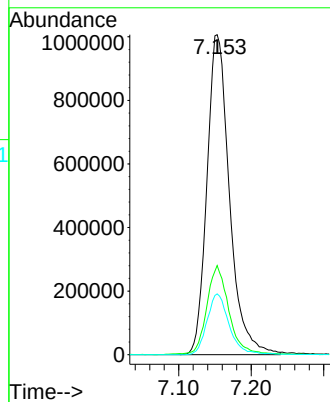
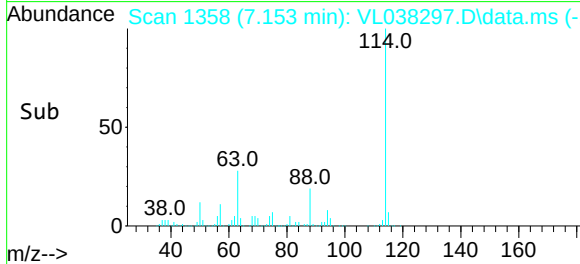
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



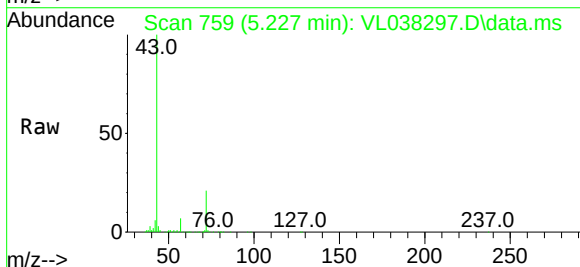
Tgt Ion:114 Resp: 217599
Ion Ratio Lower Upper
114 100
63 27.6 22.0 33.0
88 18.8 15.0 22.6

Manual Integrations
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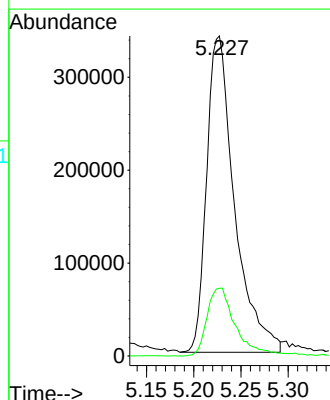
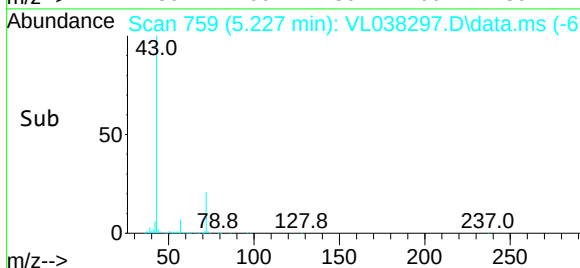
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

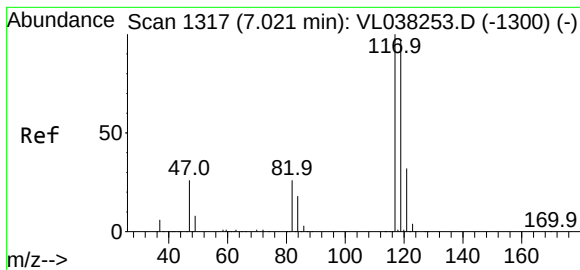


#34
2-Butanone
Concen: 9.837 ppbv
RT: 5.227 min Scan# 759
Delta R.T. -0.019 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



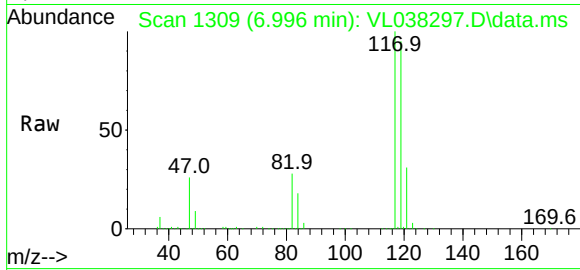
Tgt Ion: 43 Resp: 700019
Ion Ratio Lower Upper
43 100
72 22.6 18.1 27.1





#35
Carbon Tetrachloride
Concen: 10.180 ppbv
RT: 6.996 min Scan# 117
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

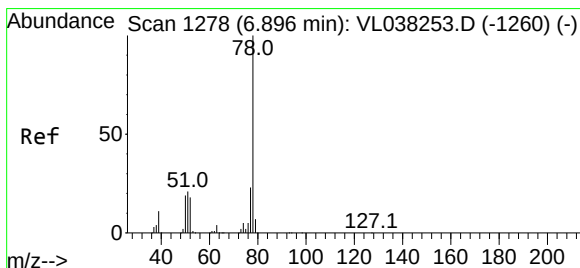
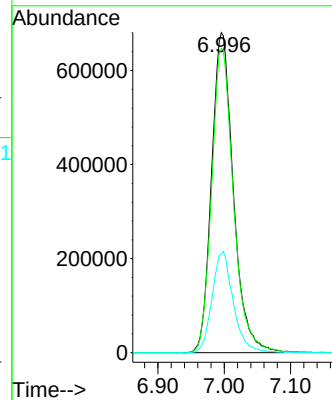
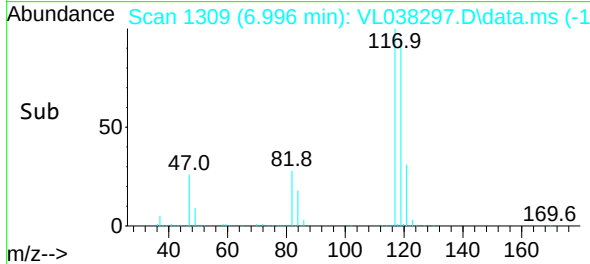
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 155485
Ion Ratio Lower Upper
117 100
119 95.1 77.9 116.9
121 30.9 25.4 38.2

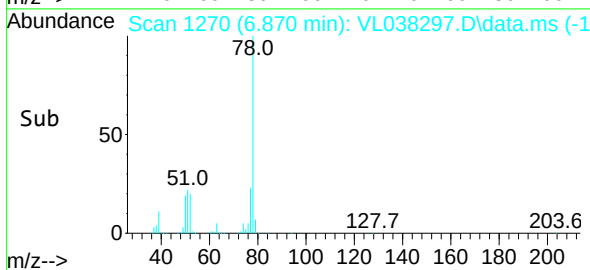
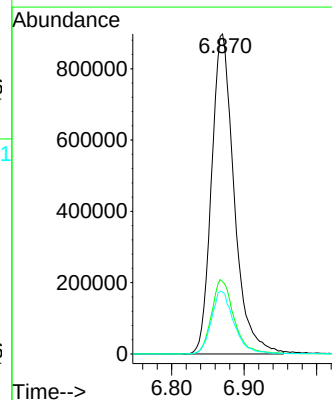
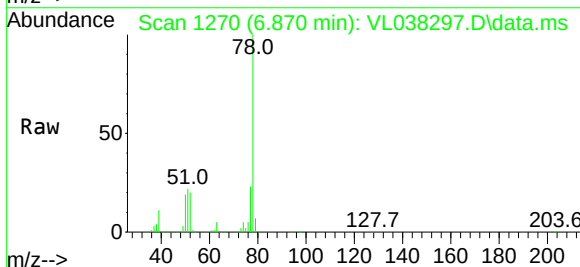
Manual Integrations
APPROVED

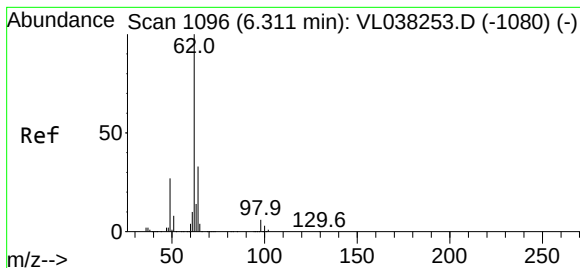
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#36
Benzene
Concen: 10.096 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

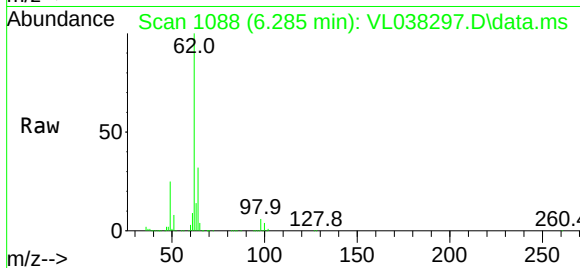
Tgt Ion: 78 Resp: 1943250
Ion Ratio Lower Upper
78 100
77 22.6 18.2 27.2
50 19.4 15.1 22.7





#37
1,2-Dichloroethane
Concen: 10.426 ppbv
RT: 6.285 min Scan# 1096
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

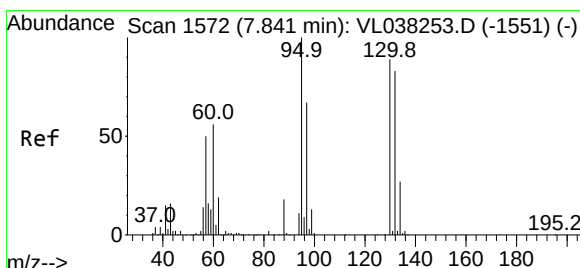
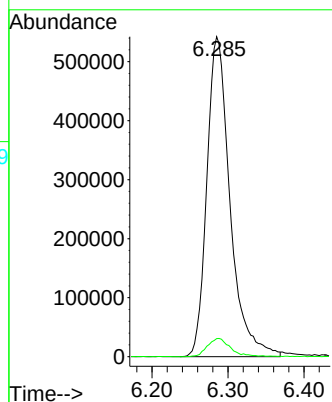
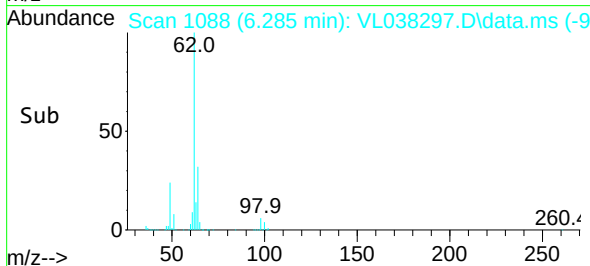
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 114947
Ion Ratio Lower Upper
62 100
98 5.9 4.5 6.7

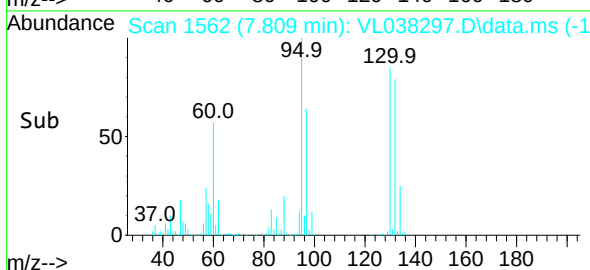
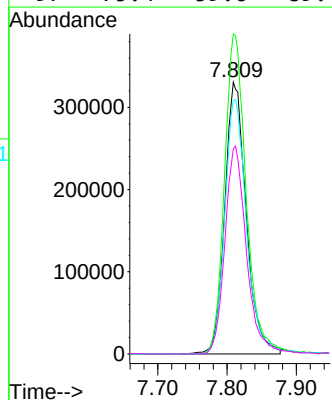
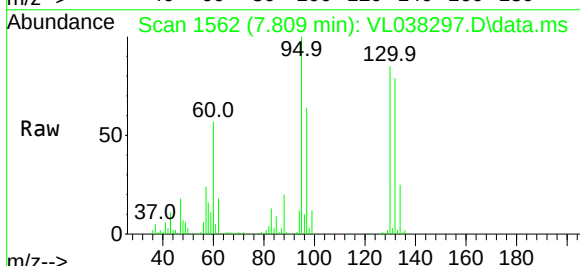
Manual Integrations
APPROVED

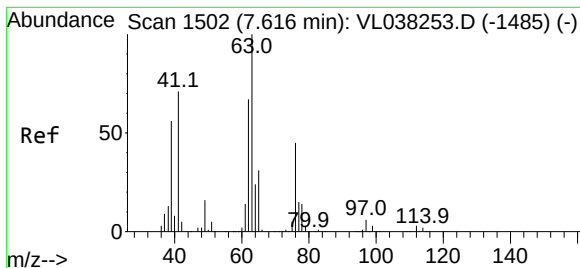
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#38
Trichloroethene
Concen: 9.904 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.032 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

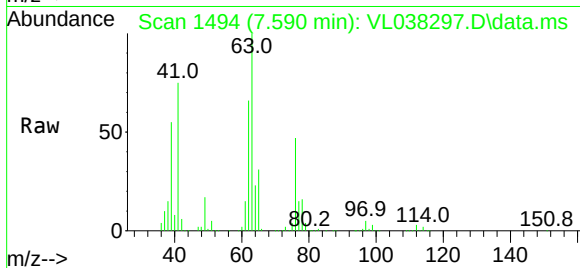
Tgt Ion:130 Resp: 710101
Ion Ratio Lower Upper
130 100
95 117.7 89.4 134.2
132 93.2 74.6 111.8
97 75.4 59.6 89.4





#39
1,2-Dichloropropane
Concen: 9.714 ppbv
RT: 7.590 min Scan# 14
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

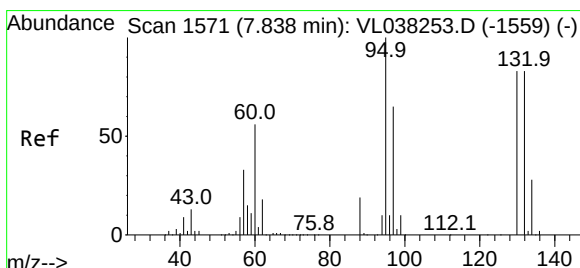
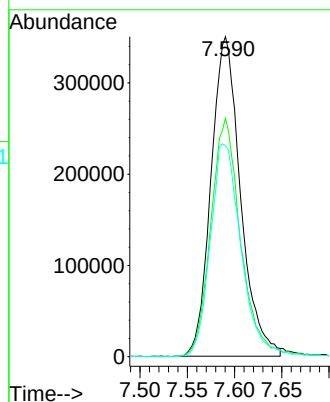
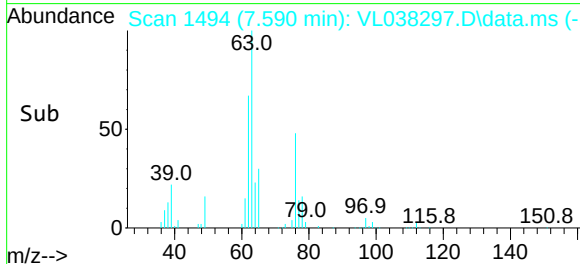
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



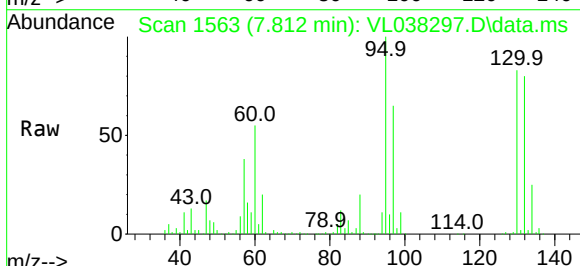
Tgt Ion: 63 Resp: 758054
Ion Ratio Lower Upper
63 100
41 74.4 56.6 85.0
62 65.7 53.9 80.9

Manual Integrations
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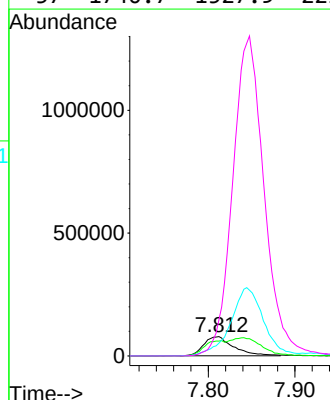
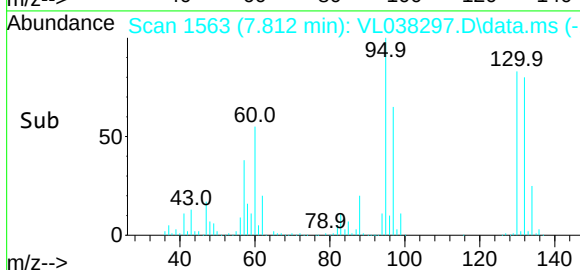
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

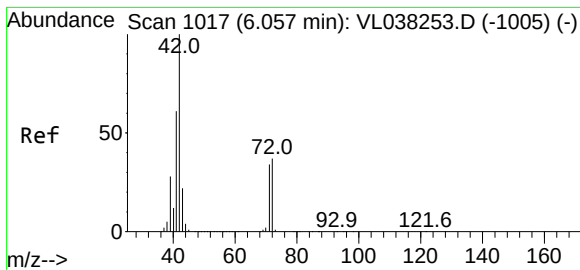


#40
1,4-Dioxane
Concen: 10.085 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



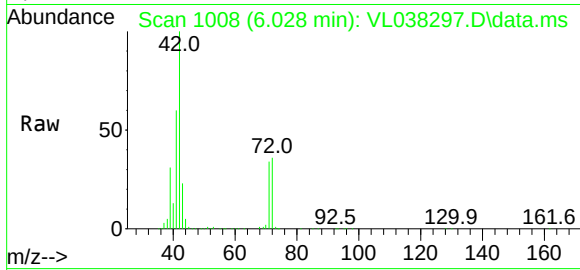
Tgt Ion: 88 Resp: 189409
Ion Ratio Lower Upper
88 100
58 157.9 138.6 208.0
43 399.2 346.9 520.3
57 1740.7 1527.9 2291.9





#41
Tetrahydrofuran
Concen: 10.370 ppbv
RT: 6.028 min Scan# 1017
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

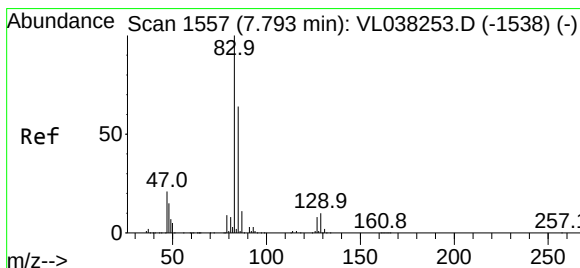
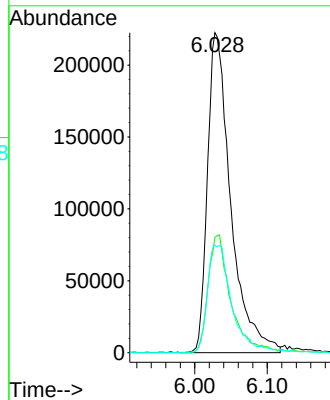
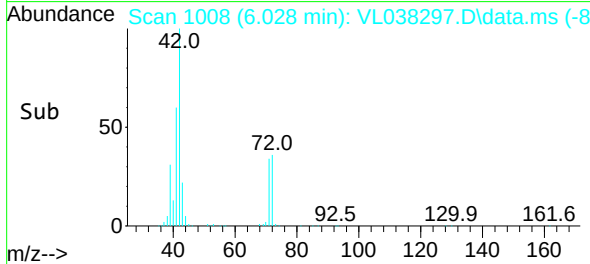
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



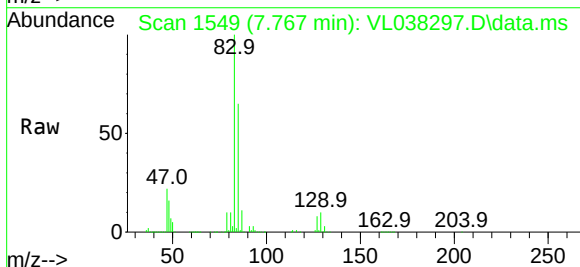
Tgt Ion: 42 Resp: 496040
Ion Ratio Lower Upper
42 100
72 36.5 29.7 44.5
71 35.7 29.4 44.2

Manual Integrations
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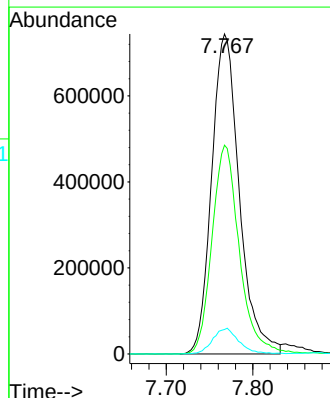
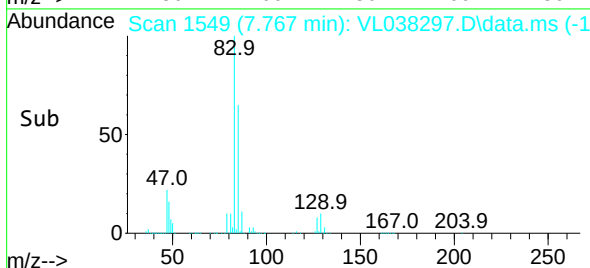
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

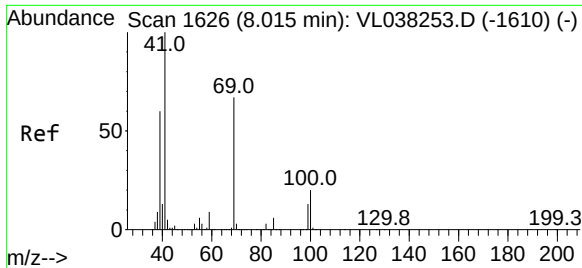


#42
Bromodichloromethane
Concen: 10.097 ppbv
RT: 7.767 min Scan# 1549
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



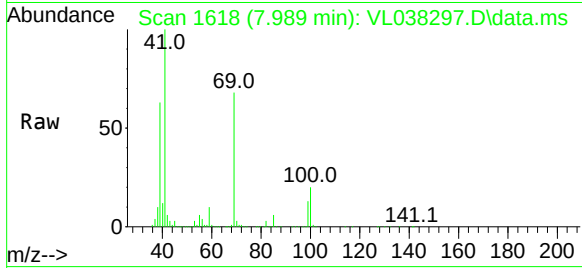
Tgt Ion: 83 Resp: 1651487
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3
127 7.7 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.835 ppbv
RT: 7.989 min Scan# 1618
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

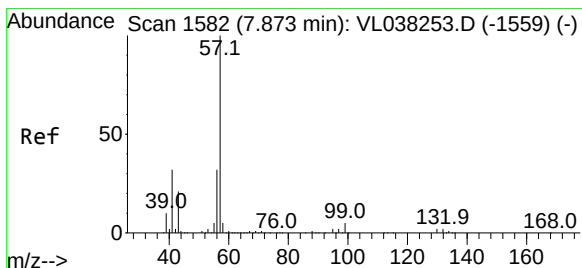
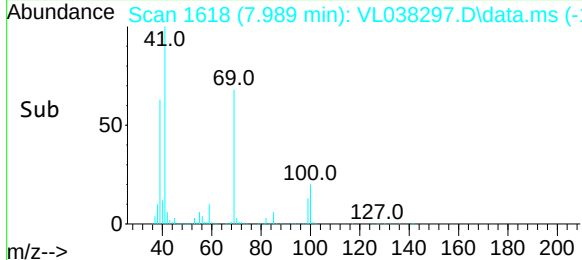
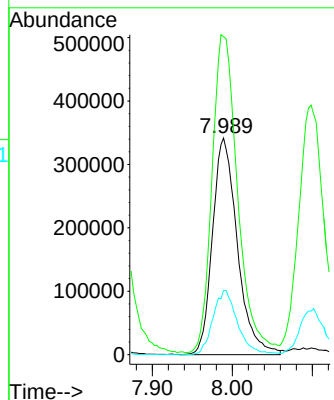
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 737640
Ion Ratio Lower Upper
69 100
41 153.1 120.9 181.3
100 29.4 23.4 35.0

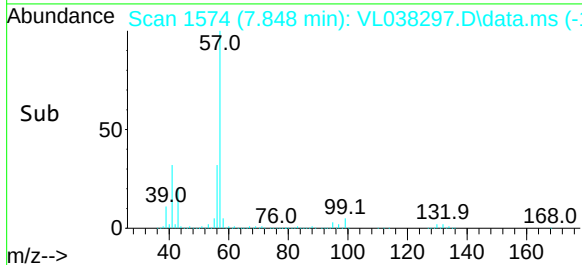
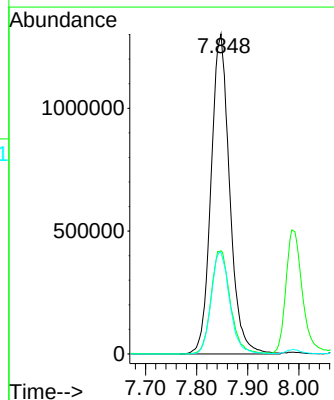
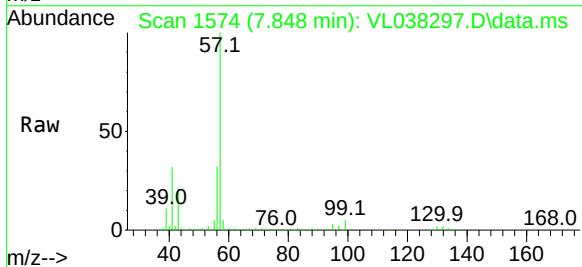
Manual Integrations
APPROVED

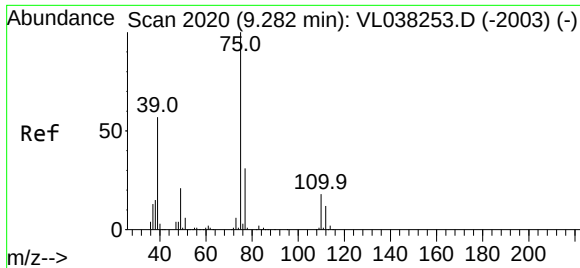
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.724 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

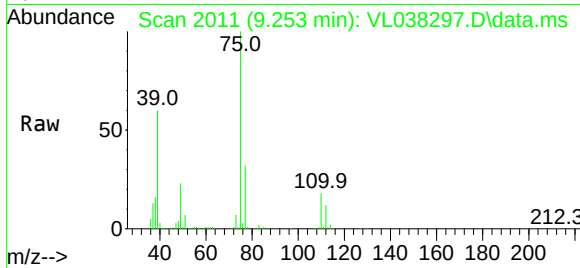
Tgt Ion: 57 Resp: 3298232
Ion Ratio Lower Upper
57 100
41 33.3 26.3 39.5
56 31.7 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 11.878 ppbv
RT: 9.253 min Scan# 20
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

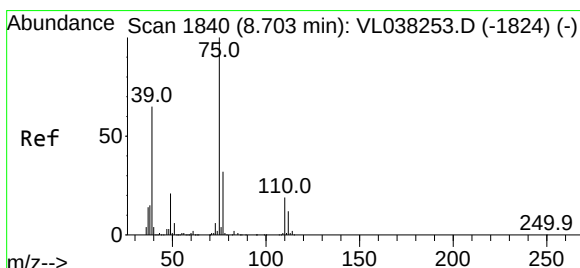
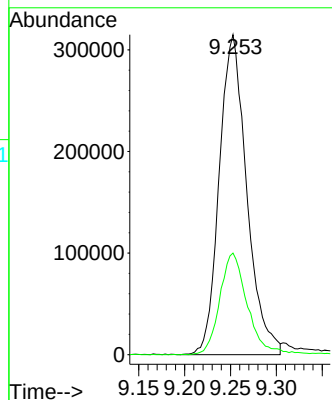
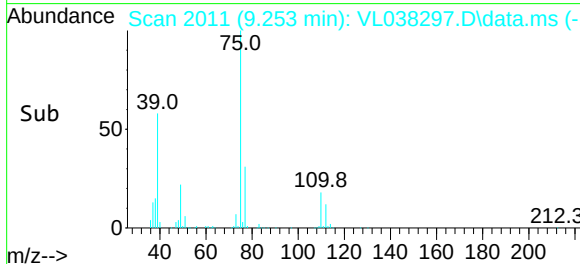
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 65703
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3

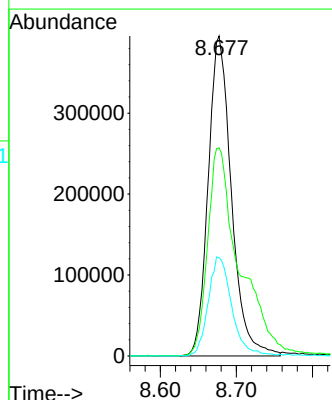
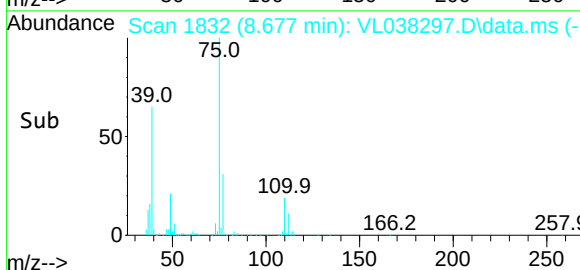
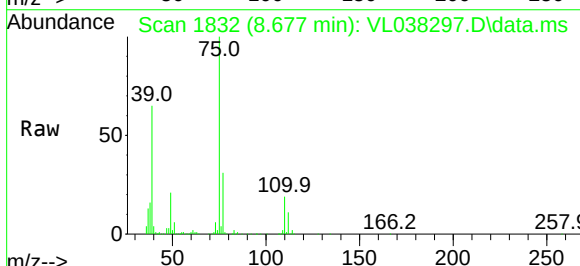
Manual Integrations
APPROVED

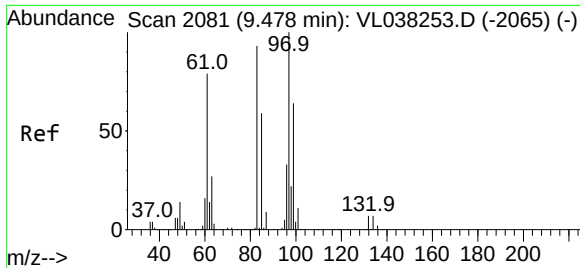
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#46
cis-1,3-Dichloropropene
Concen: 11.363 ppbv
RT: 8.677 min Scan# 1832
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

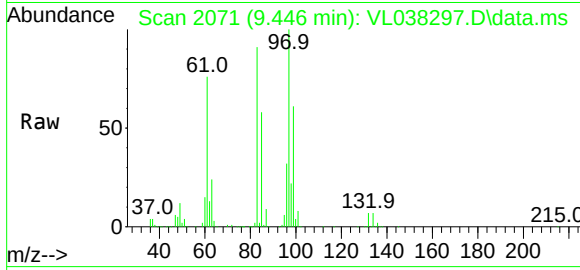
Tgt Ion: 75 Resp: 838598
Ion Ratio Lower Upper
75 100
39 64.9 52.3 78.5
77 30.7 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 10.096 ppbv
RT: 9.446 min Scan# 2081
Delta R.T. -0.032 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

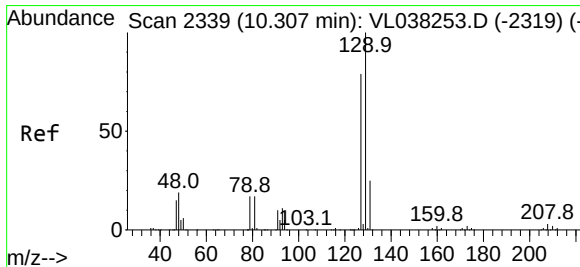
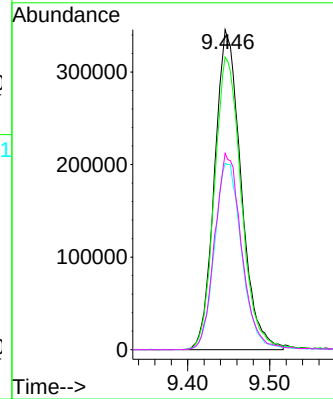
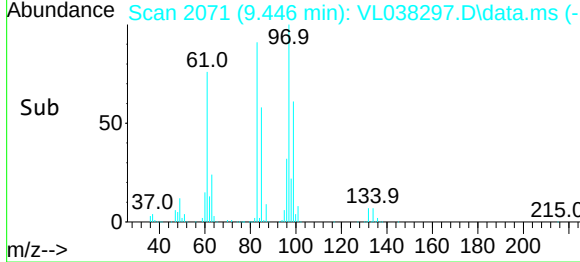
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 97 Resp: 774150
Ion Ratio Lower Upper
97 100
83 91.4 74.3 111.5
85 58.1 47.5 71.3
99 61.3 51.1 76.7

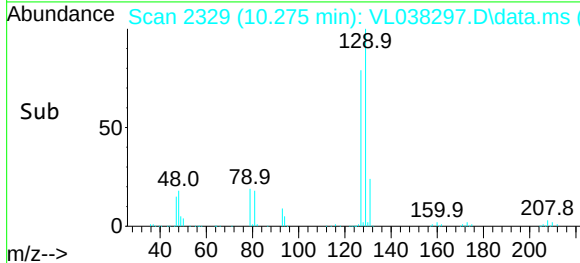
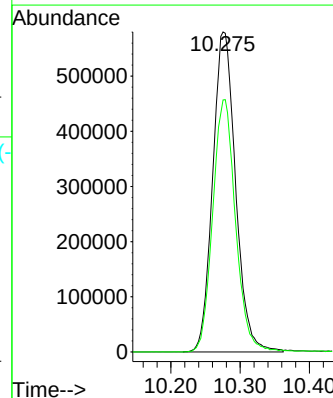
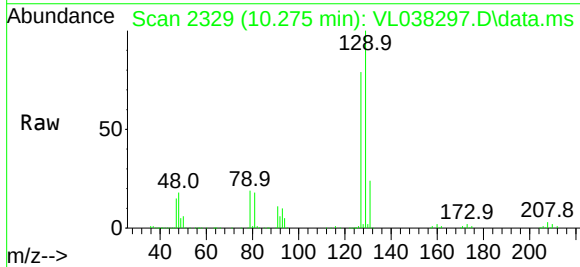
Manual Integrations
APPROVED

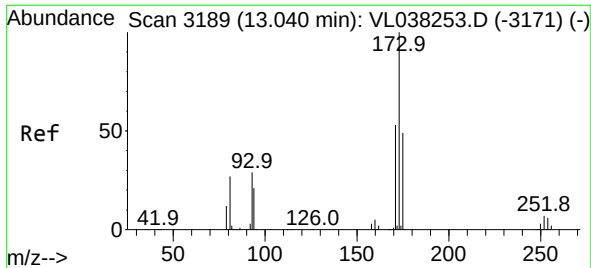
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#48
Dibromochloromethane
Concen: 10.322 ppbv
RT: 10.275 min Scan# 2329
Delta R.T. -0.032 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

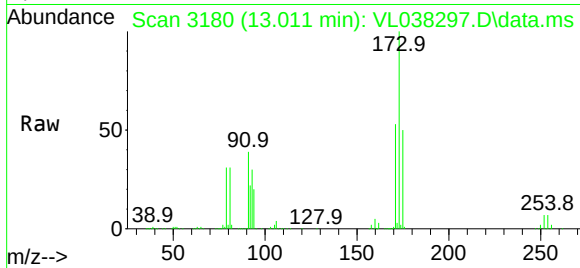
Tgt Ion:129 Resp: 1332503
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.3





#49
Bromoform
Concen: 10.323 ppbv
RT: 13.011 min Scan# 3189
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

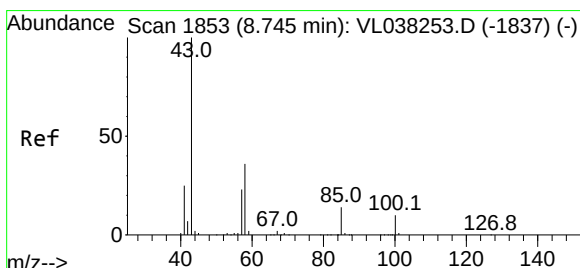
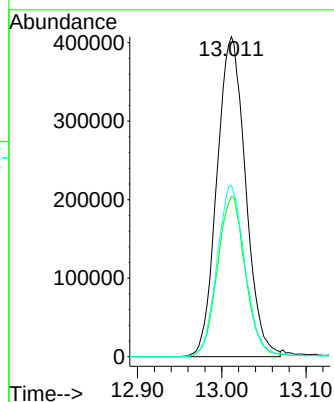
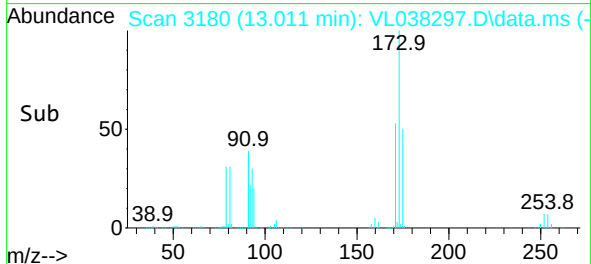
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 96066
Ion Ratio Lower Upper
173 100
175 49.4 39.7 59.5
171 53.1 42.1 63.1

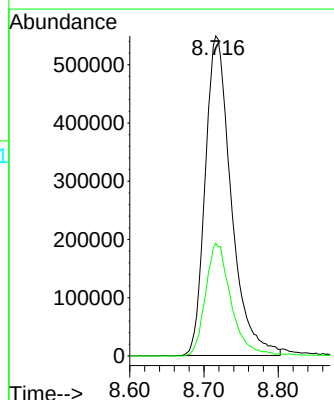
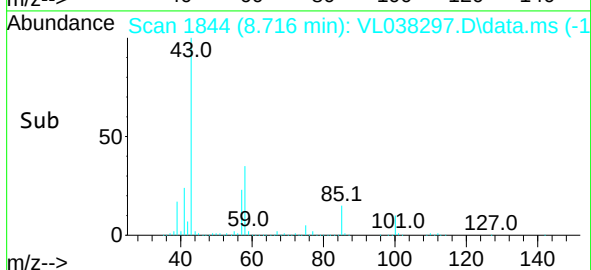
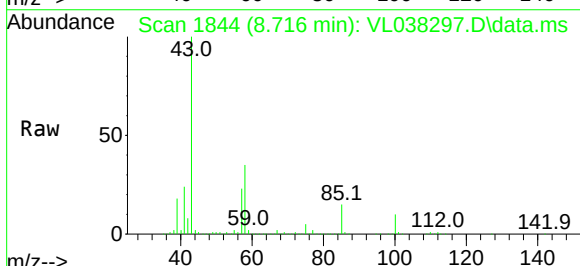
Manual Integrations
APPROVED

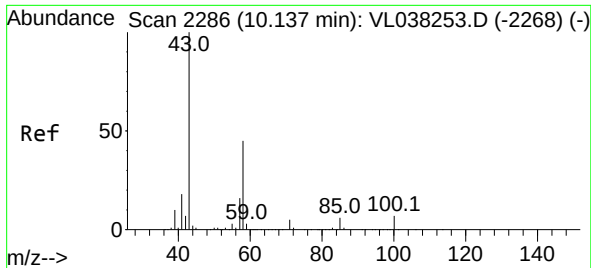
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#50
4-Methyl-2-Pentanone
Concen: 10.493 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

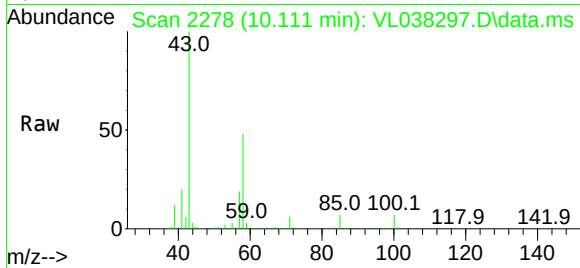
Tgt Ion: 43 Resp: 1331972
Ion Ratio Lower Upper
43 100
58 35.2 28.2 42.4





#51
2-Hexanone
Concen: 10.926 ppbv
RT: 10.111 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

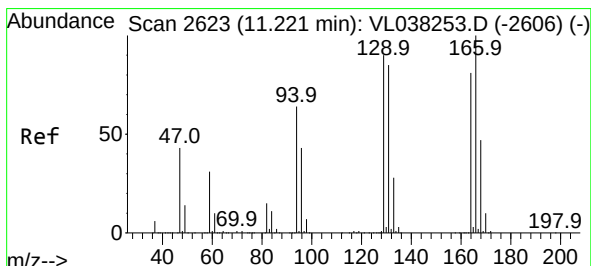
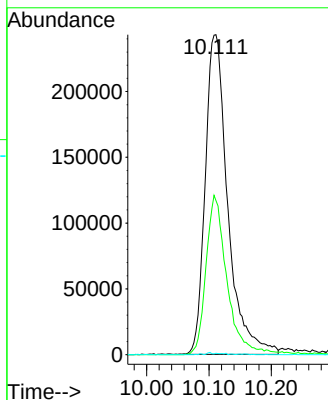
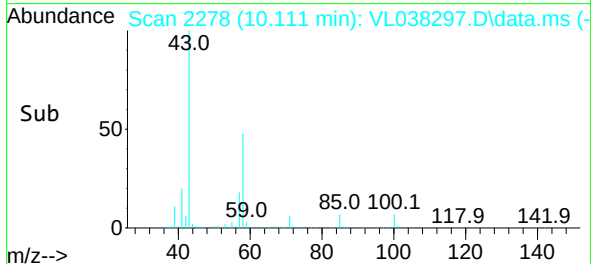
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 610840
Ion Ratio Lower Upper
43 100
58 46.7 37.0 55.4
98 0.5 0.2 0.2

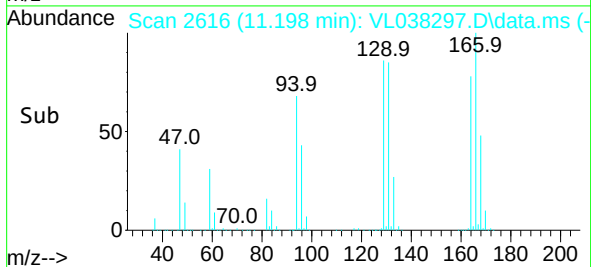
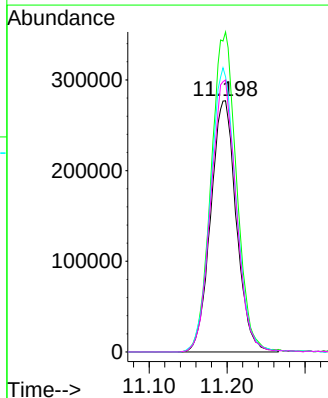
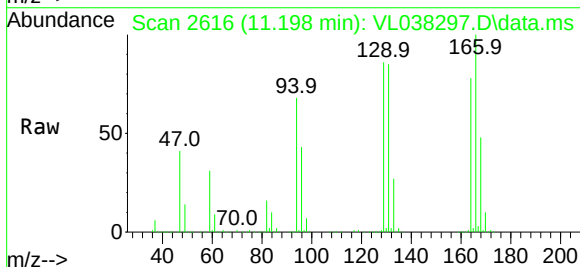
Manual Integrations
APPROVED

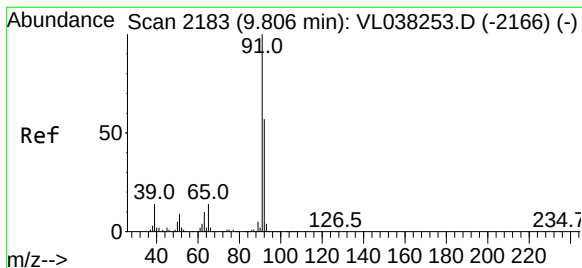
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#52
Tetrachloroethene
Concen: 9.512 ppbv
RT: 11.198 min Scan# 2616
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Tgt Ion:164 Resp: 630966
Ion Ratio Lower Upper
164 100
166 127.4 98.8 148.2
129 109.5 89.2 133.8
131 108.3 83.6 125.4





#53

Toluene

Concen: 10.336 ppbv

RT: 9.780 min Scan# 2183

Delta R.T. -0.026 min

Lab File: VL038297.D

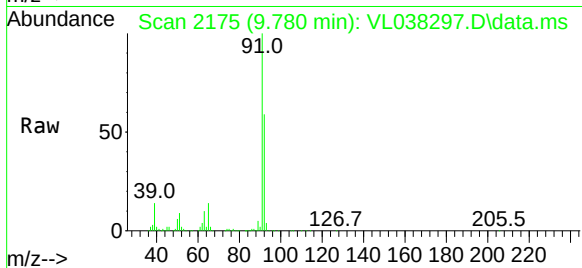
Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 91 Resp: 2202110

Ion Ratio Lower Upper

91 100

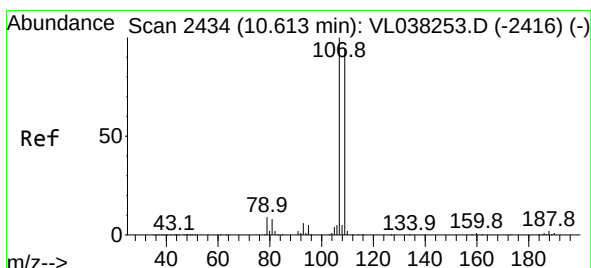
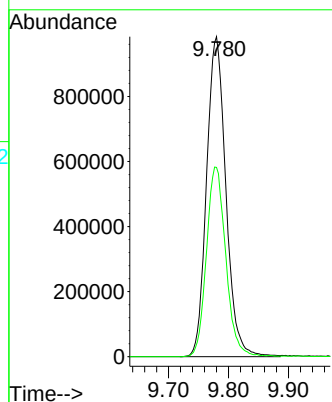
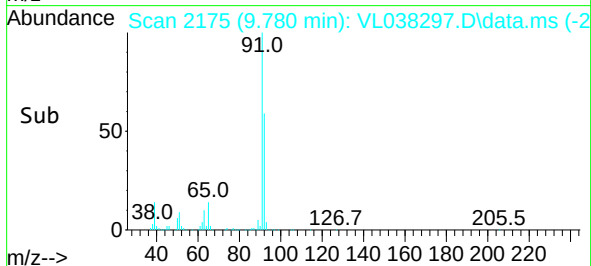
92 59.6 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#54

1,2-Dibromoethane

Concen: 10.393 ppbv

RT: 10.584 min Scan# 2425

Delta R.T. -0.029 min

Lab File: VL038297.D

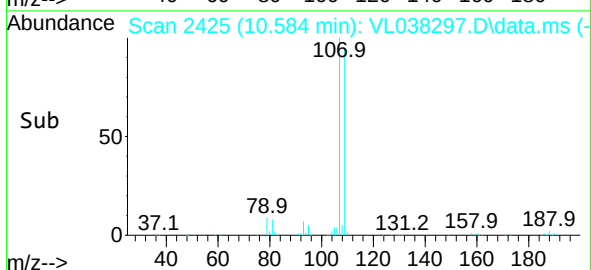
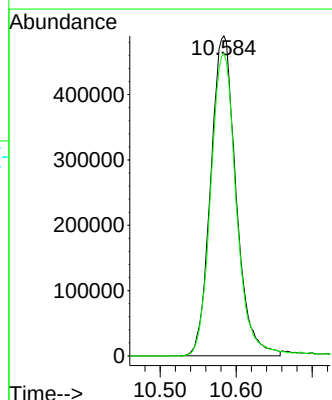
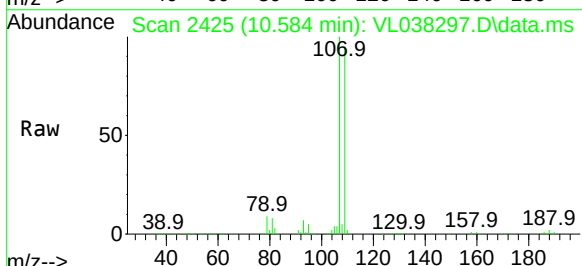
Acq: 27 Jan 2022 14:28

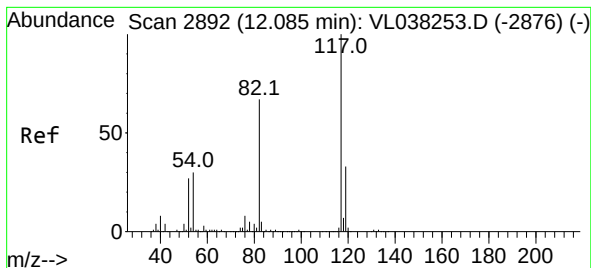
Tgt Ion:107 Resp: 1132962

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.056 min Scan# 2883

Delta R.T. -0.029 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 201756

Ion Ratio Lower Upper

117 100

82 67.6 54.4 81.6

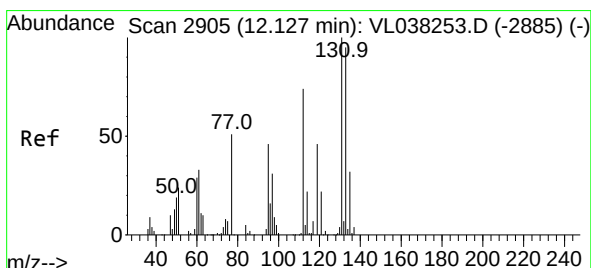
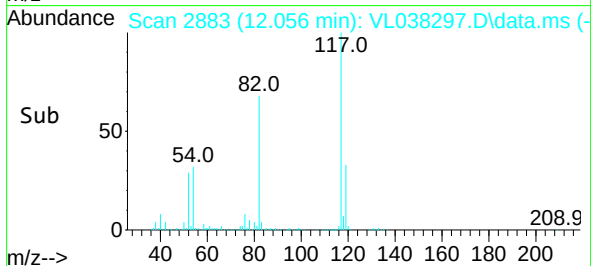
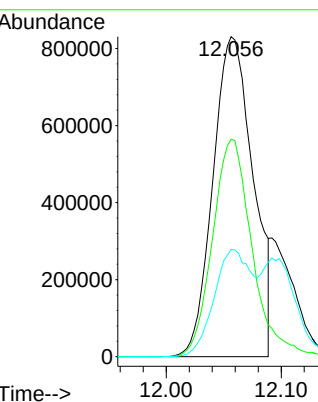
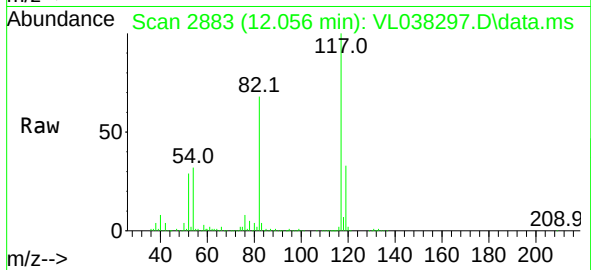
119 29.7 45.9 68.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.710 ppbv

RT: 12.095 min Scan# 2895

Delta R.T. -0.032 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

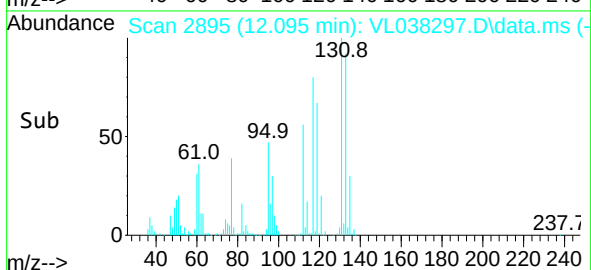
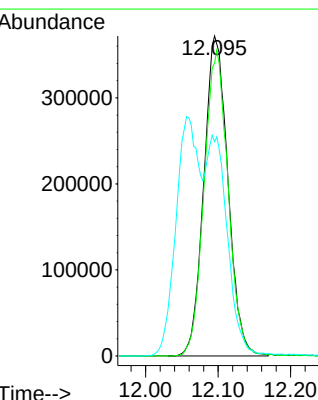
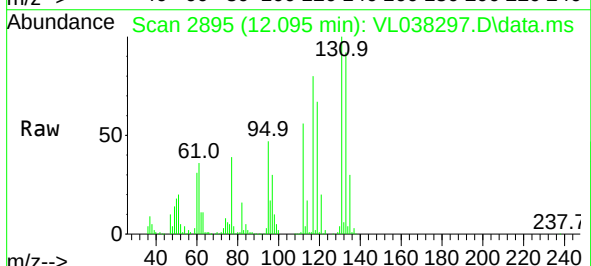
Tgt Ion:131 Resp: 857429

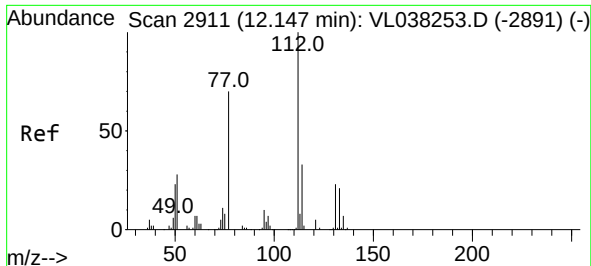
Ion Ratio Lower Upper

131 100

133 95.4 76.0 114.0

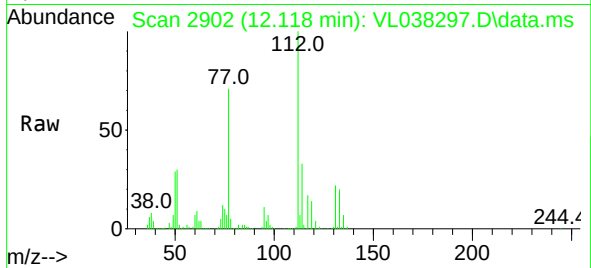
119 57.3 53.0 79.4





#57
Chlorobenzene
Concen: 9.666 ppbv
RT: 12.118 min Scan# 2911
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

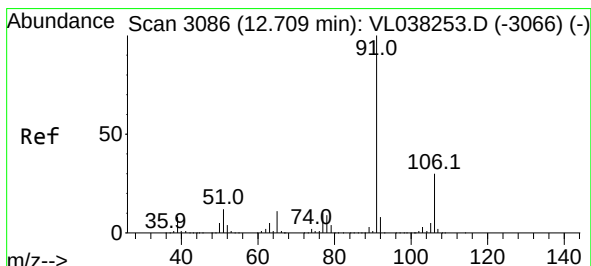
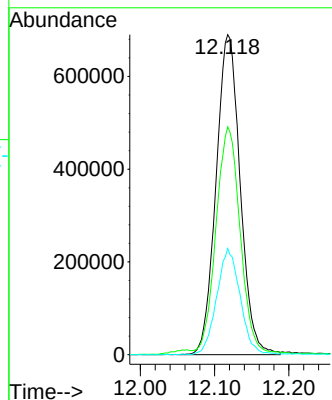
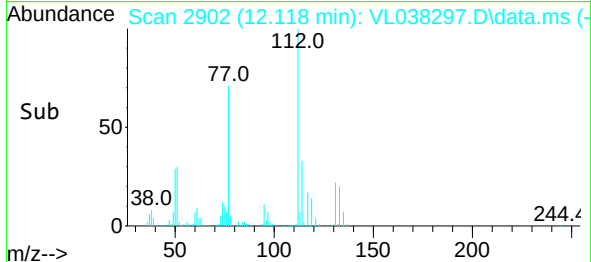
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



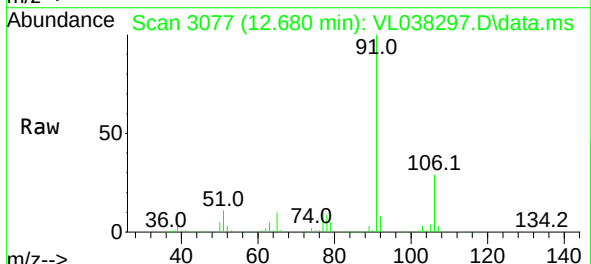
Tgt Ion: 112 Resp: 1560549
Ion Ratio Lower Upper
112 100
77 70.4 55.9 83.9
114 33.1 29.3 35.9

Manual Integrations
APPROVED

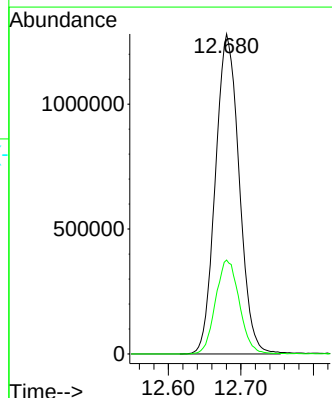
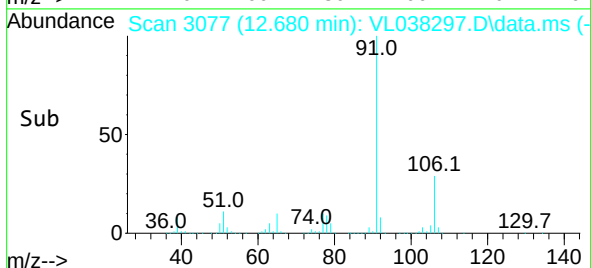
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

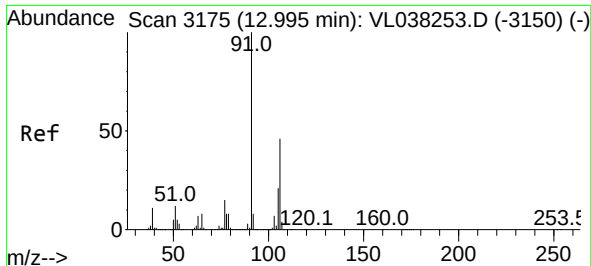


#58
Ethyl Benzene
Concen: 9.831 ppbv
RT: 12.680 min Scan# 3077
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



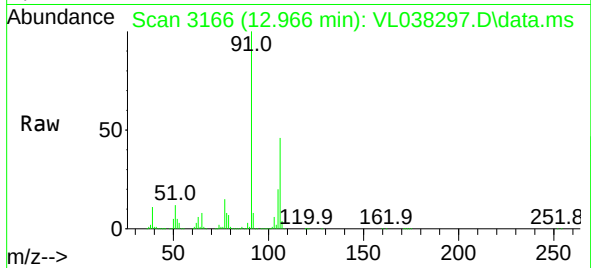
Tgt Ion: 91 Resp: 2914924
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1





#59
m/p-Xylene
Concen: 19.185 ppbv m
RT: 12.966 min Scan# 3175
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

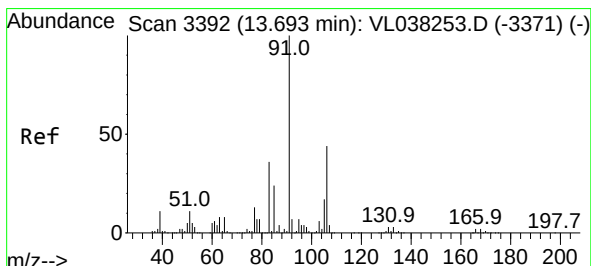
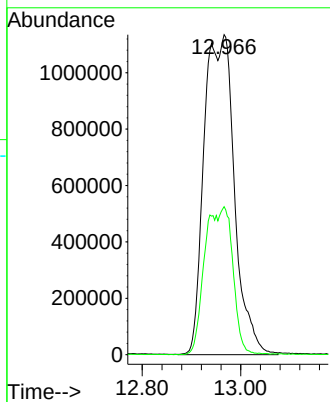
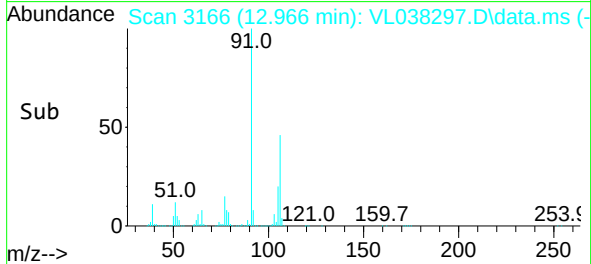
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 4853390
Ion Ratio Lower Upper
91 100
106 43.0 34.8 52.2

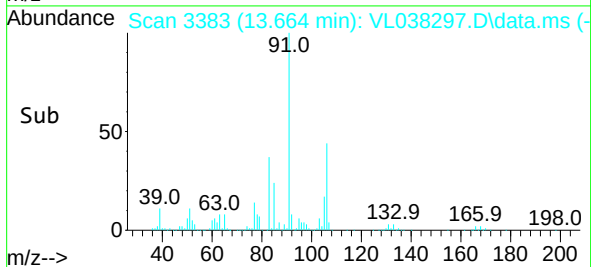
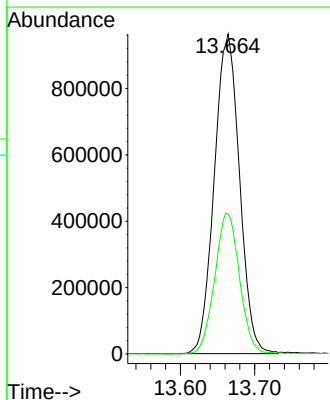
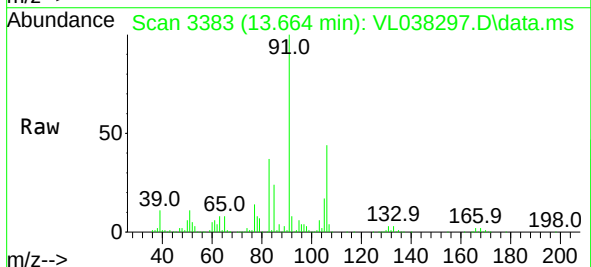
Manual Integrations
APPROVED

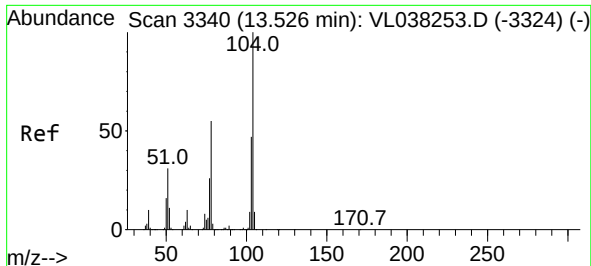
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#60
o-Xylene
Concen: 9.666 ppbv
RT: 13.664 min Scan# 3383
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

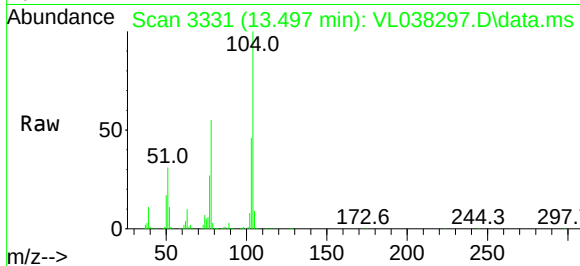
Tgt Ion: 91 Resp: 2274178
Ion Ratio Lower Upper
91 100
106 43.5 22.2 66.6





#61
Styrene
Concen: 10.710 ppbv
RT: 13.497 min Scan# 311
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

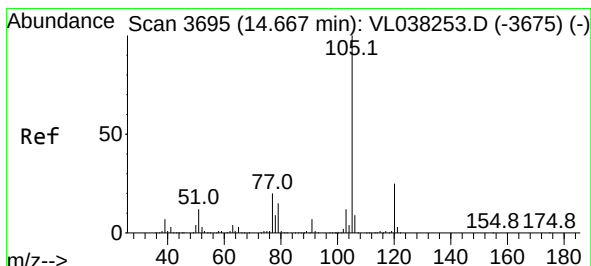
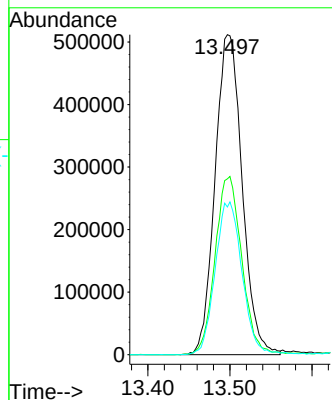
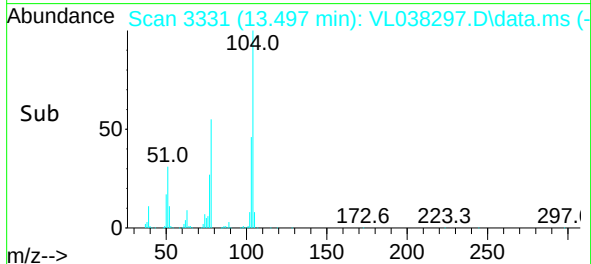
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



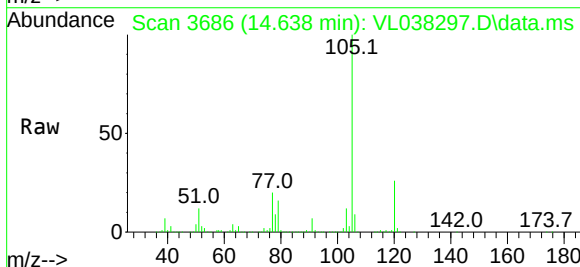
Tgt Ion:104 Resp: 1176034
Ion Ratio Lower Upper
104 100
78 55.2 44.2 66.4
103 47.7 38.2 57.4

Manual Integrations
APPROVED

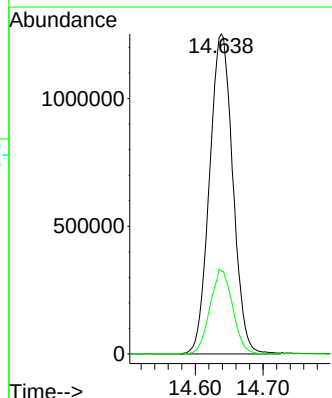
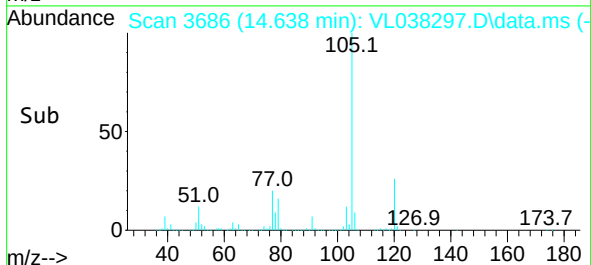
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

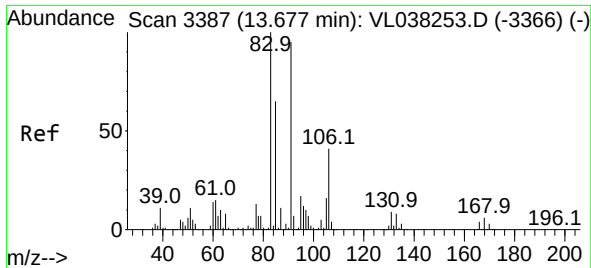


#62
Isopropylbenzene
Concen: 9.532 ppbv
RT: 14.638 min Scan# 3686
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



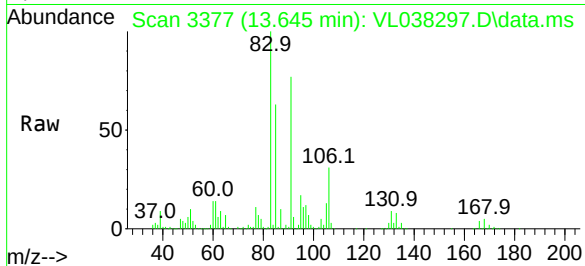
Tgt Ion:105 Resp: 2989742
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 8.940 ppbv
RT: 13.645 min Scan# 31
Delta R.T. -0.032 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

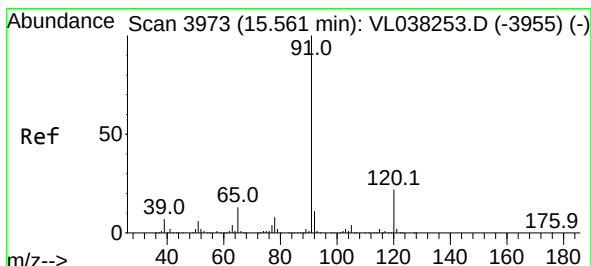
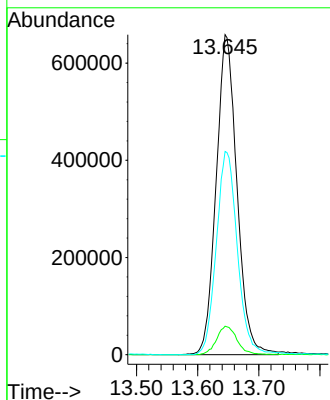
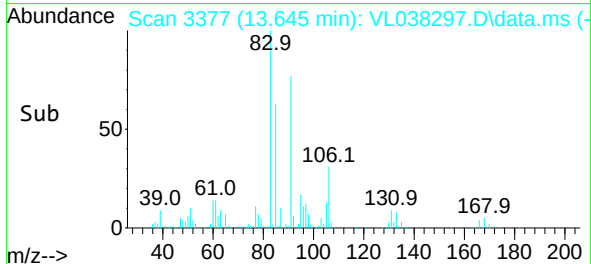
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



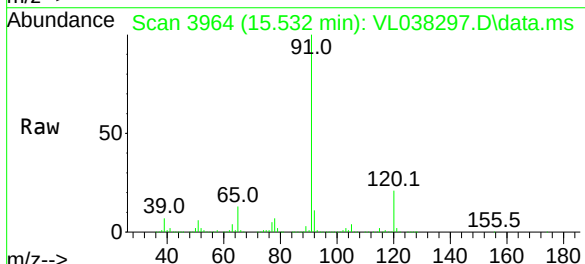
Tgt Ion: 83 Resp: 155634
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.5
85 64.9 32.8 98.4

Manual Integrations
APPROVED

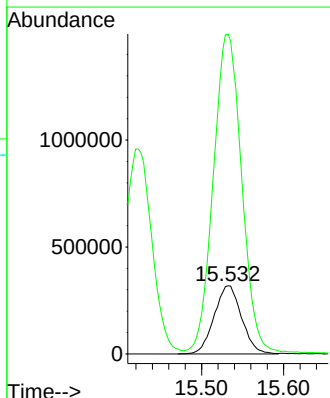
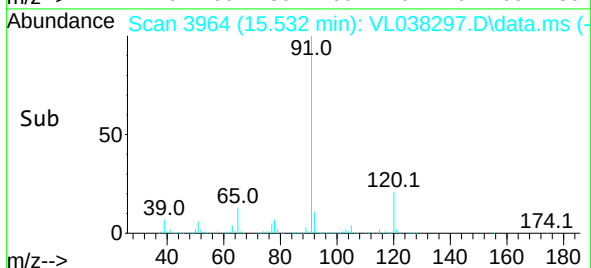
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

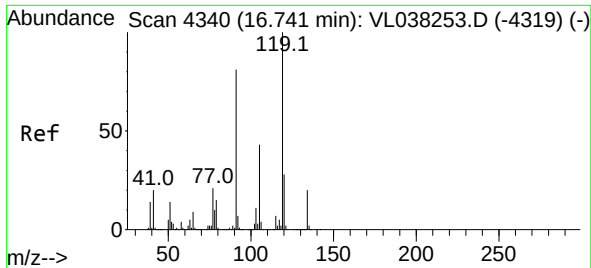


#64
n-propylbenzene
Concen: 9.811 ppbv
RT: 15.532 min Scan# 3964
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



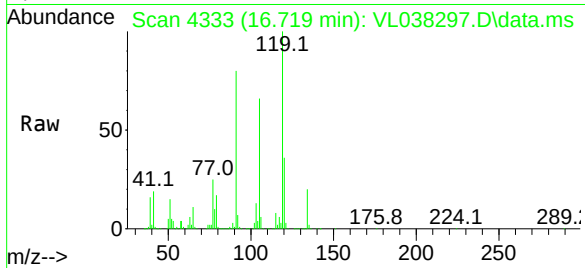
Tgt Ion:120 Resp: 740267
Ion Ratio Lower Upper
120 100
91 489.8 390.8 586.2





#65
tert-Butylbenzene
Concen: 9.294 ppbv
RT: 16.719 min Scan# 41
Delta R.T. -0.023 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

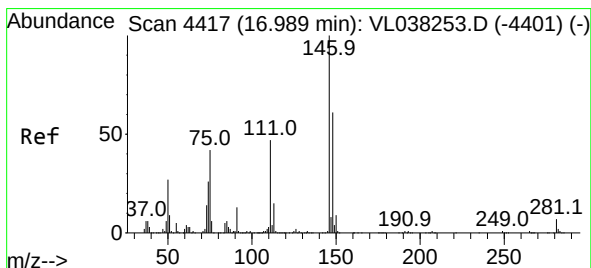
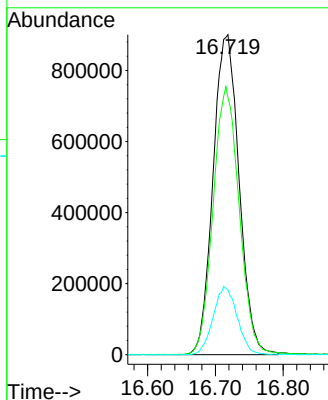
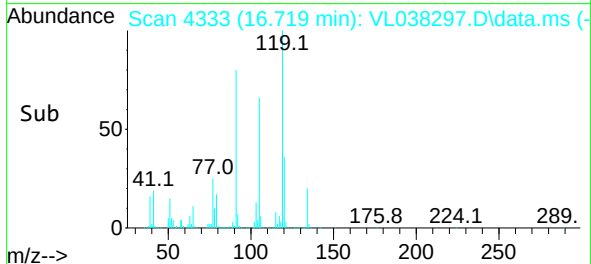
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



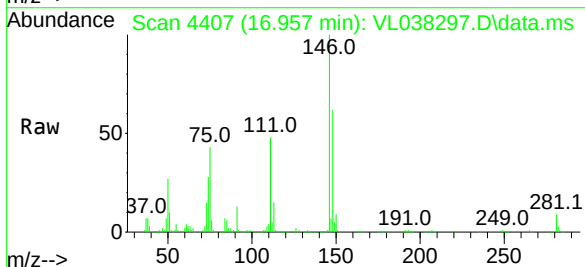
Tgt Ion: 119 Resp: 2401030
Ion Ratio Lower Upper
119 100
91 83.9 66.6 100.0
134 19.8 15.8 23.6

Manual Integrations
APPROVED

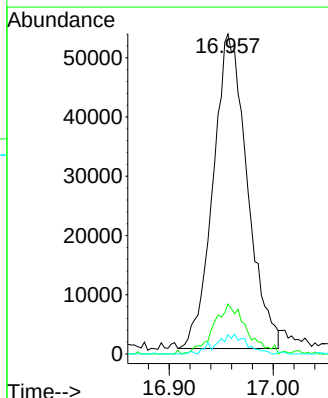
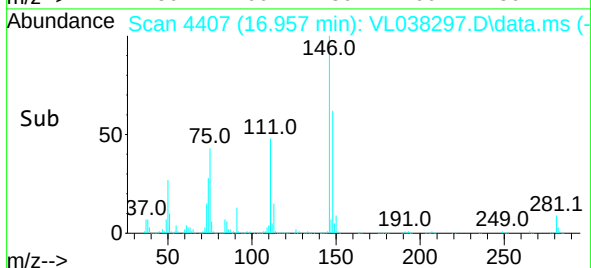
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

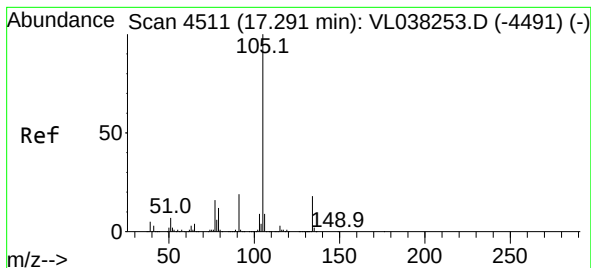


#66
Benzyl Chloride
Concen: 10.319 ppbv
RT: 16.957 min Scan# 4407
Delta R.T. -0.032 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



Tgt Ion: 91 Resp: 121095
Ion Ratio Lower Upper
91 100
126 16.0 12.6 18.8
128 5.8 4.3 6.5





#67

sec-Butylbenzene

Concen: 9.272 ppbv

RT: 17.265 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 333238

Ion Ratio Lower Upper

105 100

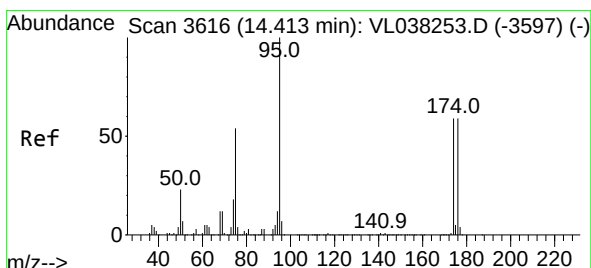
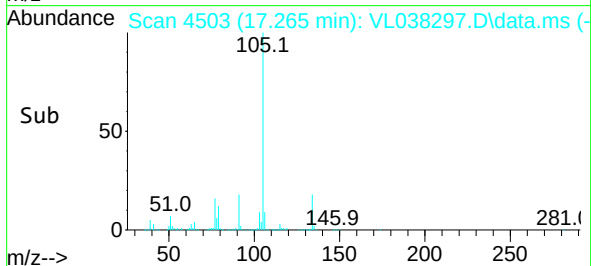
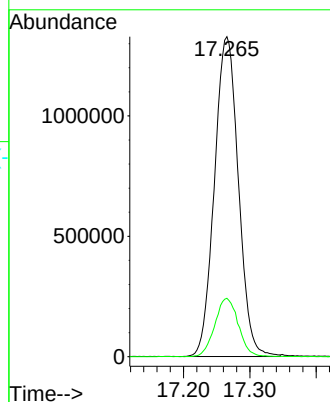
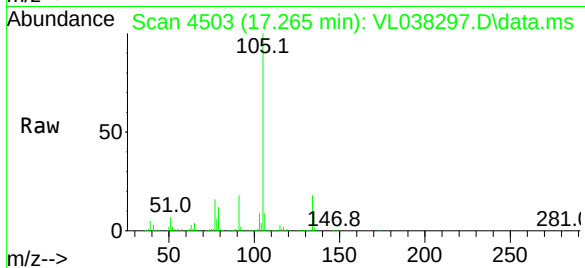
134 18.0 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.128 ppbv

RT: 14.384 min Scan# 3607

Delta R.T. -0.029 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

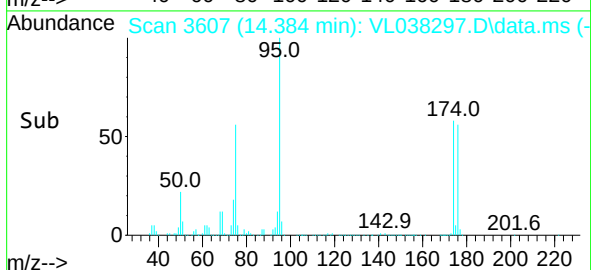
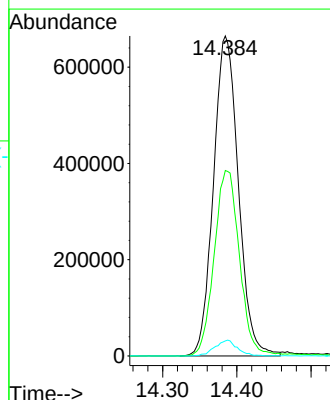
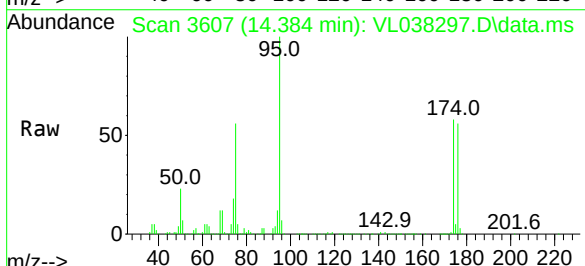
Tgt Ion: 95 Resp: 1550943

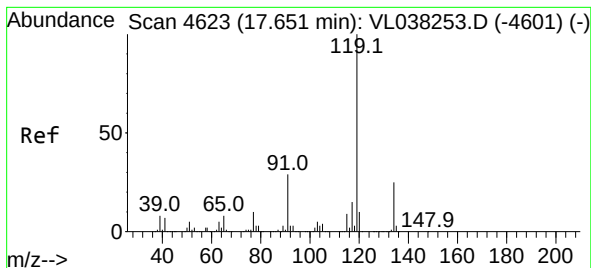
Ion Ratio Lower Upper

95 100

174 59.7 48.3 72.5

175 4.5 3.5 5.3





#69

p-Isopropyltoluene

Concen: 9.467 ppbv

RT: 17.622 min Scan# 4614

Delta R.T. -0.029 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 260364

Ion Ratio Lower Upper

119 100

134 25.3 20.2 30.2

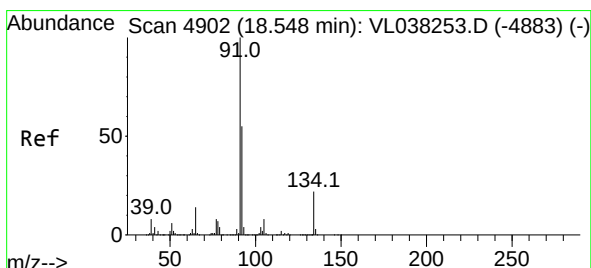
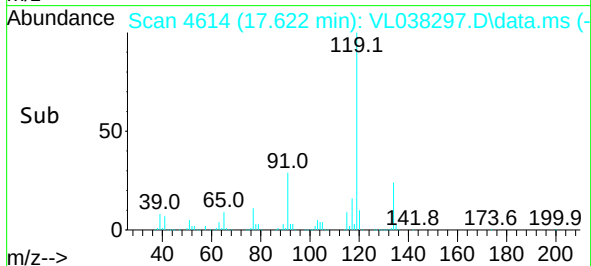
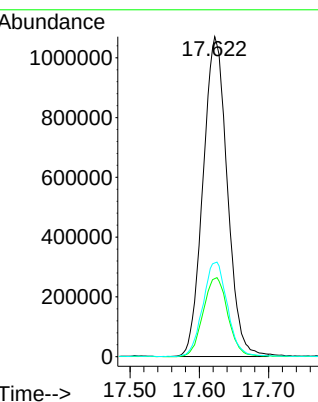
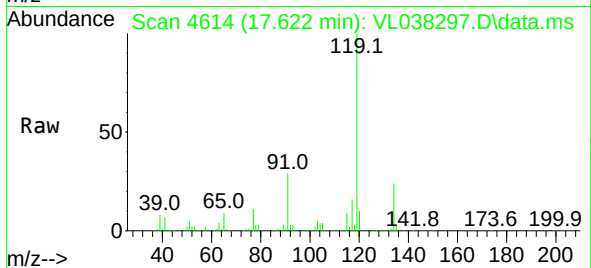
91 29.9 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#70

n-Butylbenzene

Concen: 9.607 ppbv

RT: 18.519 min Scan# 4893

Delta R.T. -0.029 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

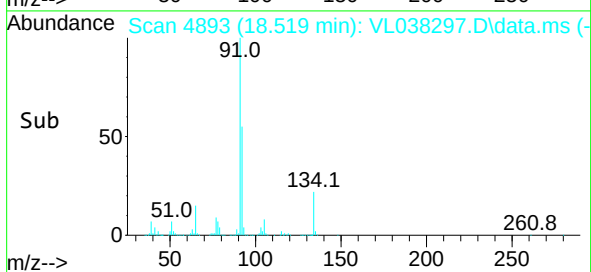
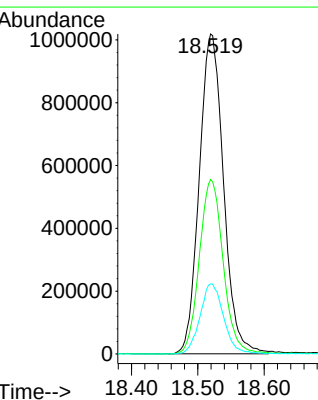
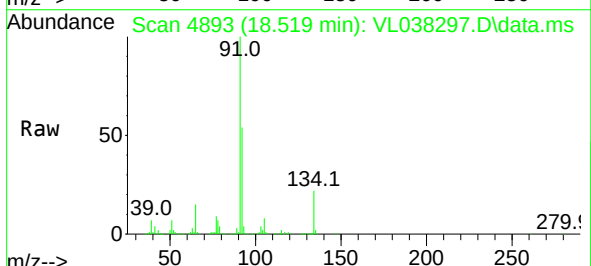
Tgt Ion: 91 Resp: 2587859

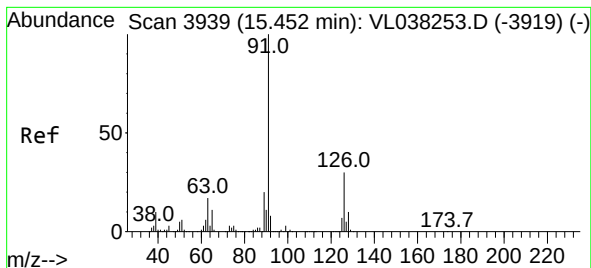
Ion Ratio Lower Upper

91 100

92 54.0 43.4 65.0

134 21.4 17.3 25.9





#71

2-Chlorotoluene

Concen: 9.700 ppbv

RT: 15.420 min Scan# 3939

Delta R.T. -0.032 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 225348

Ion Ratio Lower Upper

91 100

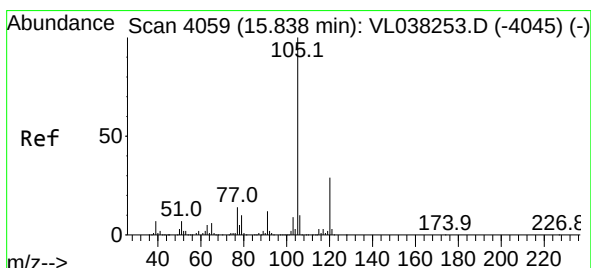
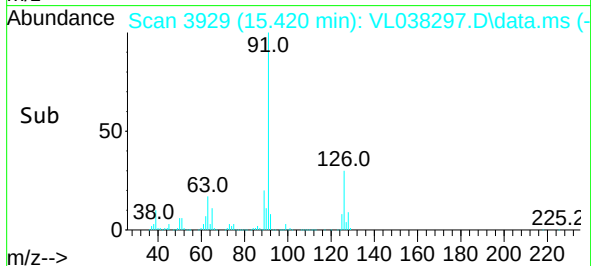
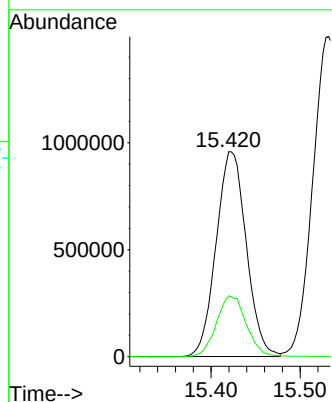
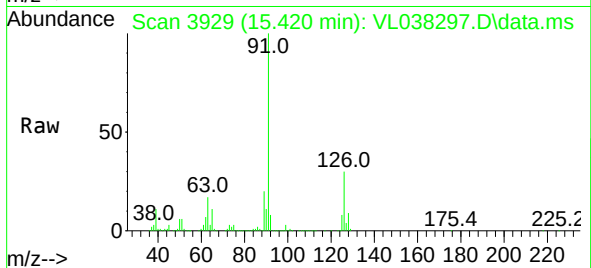
126 29.5 12.1 48.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#72

4-Ethyltoluene

Concen: 10.033 ppbv

RT: 15.809 min Scan# 4050

Delta R.T. -0.029 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

Tgt Ion:105 Resp: 2468545

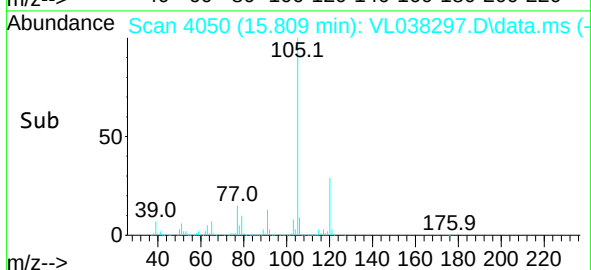
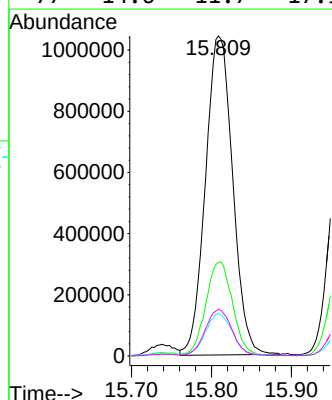
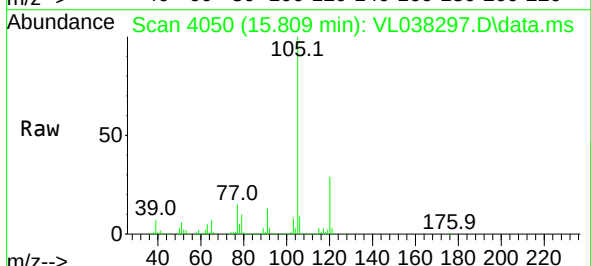
Ion Ratio Lower Upper

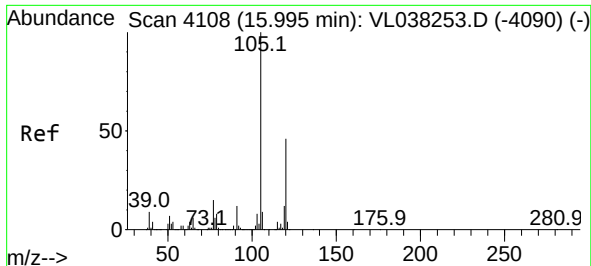
105 100

120 29.0 23.8 35.8

91 13.6 10.2 15.4

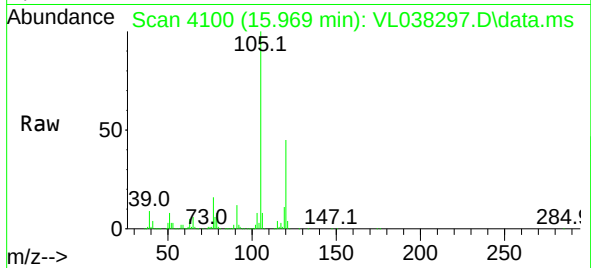
77 14.6 11.7 17.5





#73
 1,3,5-Trimethylbenzene
 Concen: 9.675 ppbv
 RT: 15.969 min Scan# 4108
 Delta R.T. -0.026 min
 Lab File: VL038297.D
 Acq: 27 Jan 2022 14:28

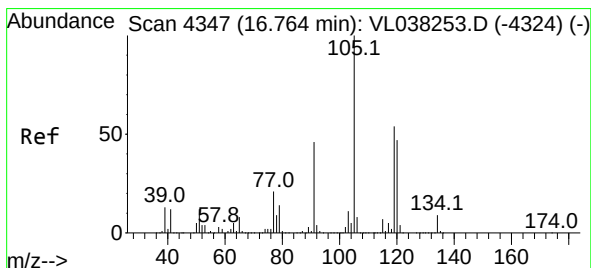
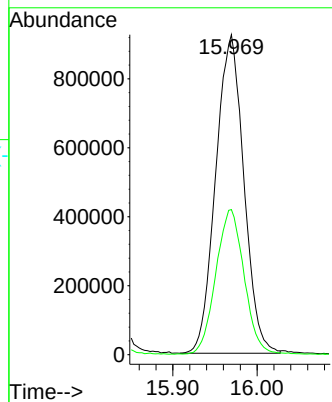
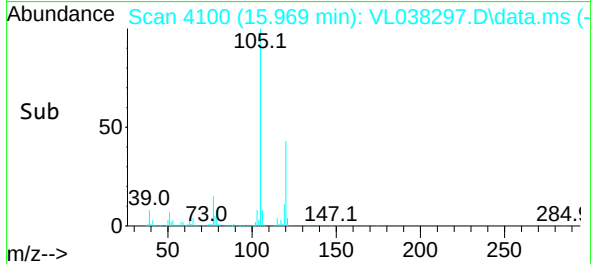
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



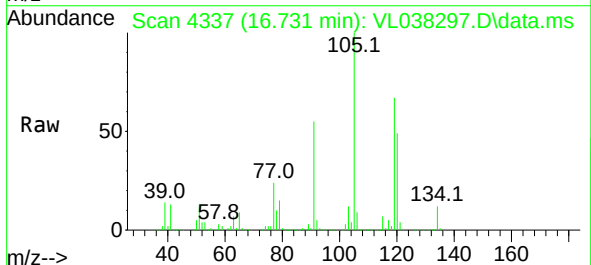
Tgt Ion:105 Resp: 214087
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.6 55.0

Manual Integrations
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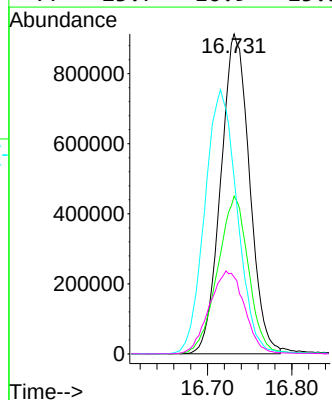
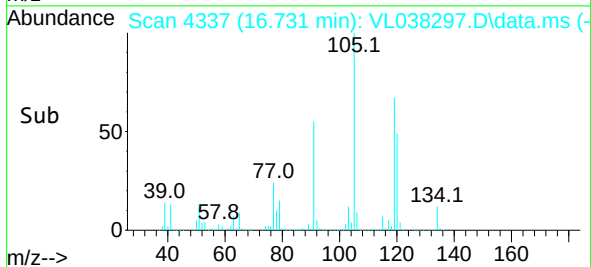
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022

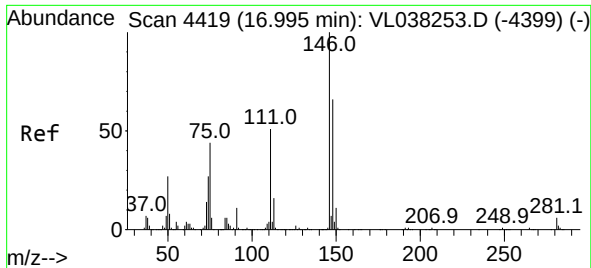


#74
 1,2,4-Trimethylbenzene
 Concen: 9.264 ppbv
 RT: 16.731 min Scan# 4337
 Delta R.T. -0.032 min
 Lab File: VL038297.D
 Acq: 27 Jan 2022 14:28



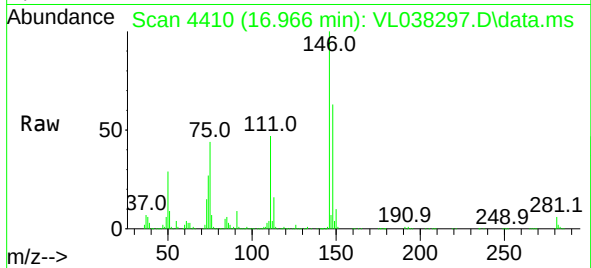
Tgt Ion:105 Resp: 2159669
 Ion Ratio Lower Upper
 105 100
 120 49.1 37.2 55.8
 91 54.3 36.6 55.0
 77 23.7 16.9 25.3





#75
1,3-Dichlorobenzene
Concen: 9.307 ppbv
RT: 16.966 min Scan# 4419
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

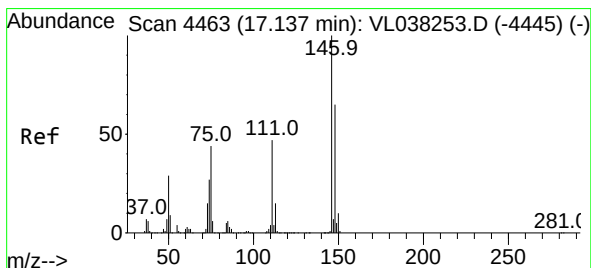
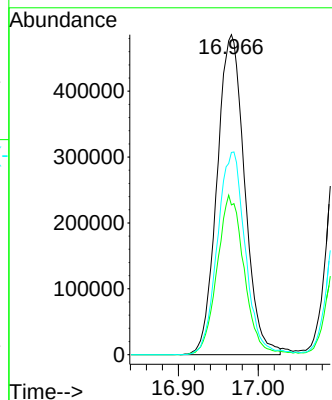
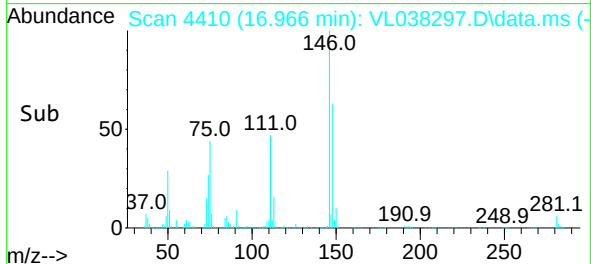
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



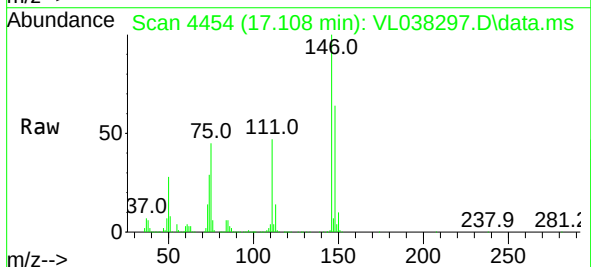
Tgt Ion:146 Resp: 116425
Ion Ratio Lower Upper
146 100
111 48.8 24.1 72.4
148 64.1 32.1 96.5

Manual Integrations
APPROVED

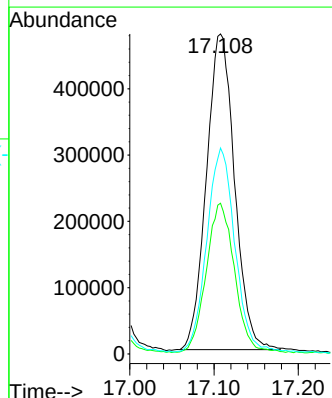
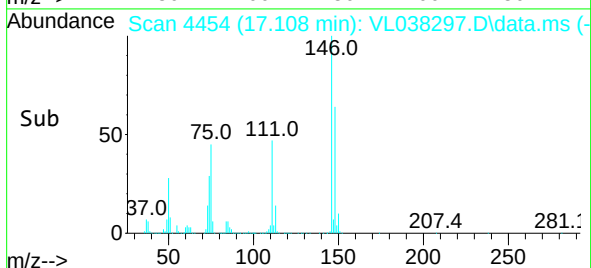
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

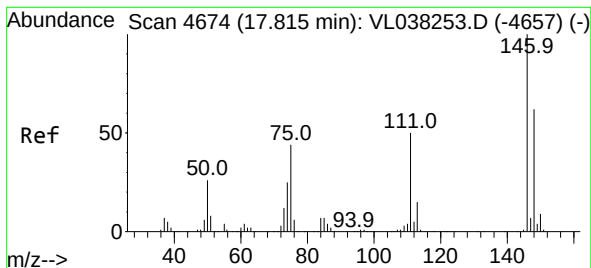


#76
1,4-Dichlorobenzene
Concen: 9.141 ppbv
RT: 17.108 min Scan# 4454
Delta R.T. -0.029 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28



Tgt Ion:146 Resp: 1107017
Ion Ratio Lower Upper
146 100
111 49.2 23.2 69.6
148 66.9 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 9.002 ppbv

RT: 17.786 min Scan# 40

Delta R.T. -0.029 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 104592

Ion Ratio Lower Upper

146 100

111 51.0 25.2 75.6

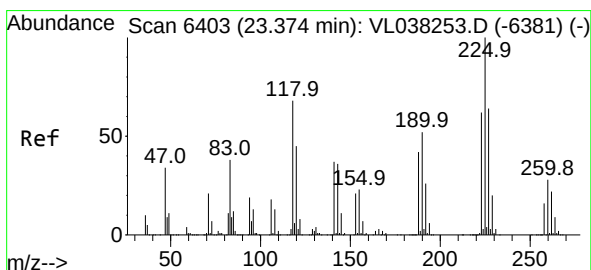
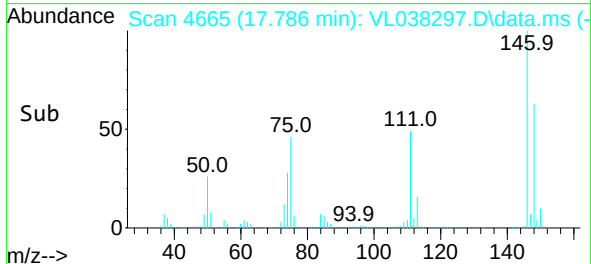
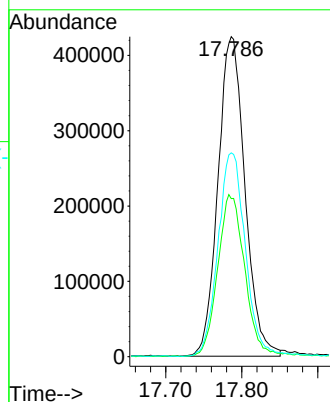
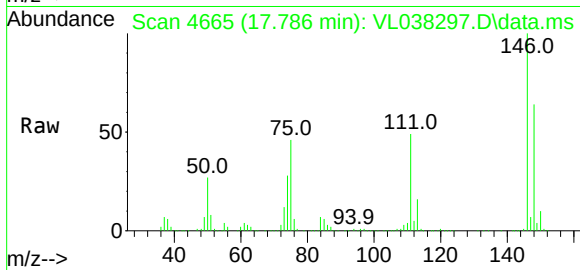
148 64.7 32.6 97.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.621 ppbv

RT: 23.345 min Scan# 6394

Delta R.T. -0.029 min

Lab File: VL038297.D

Acq: 27 Jan 2022 14:28

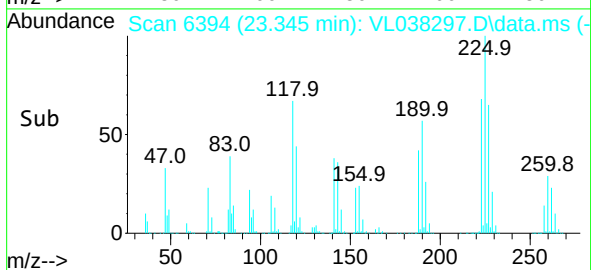
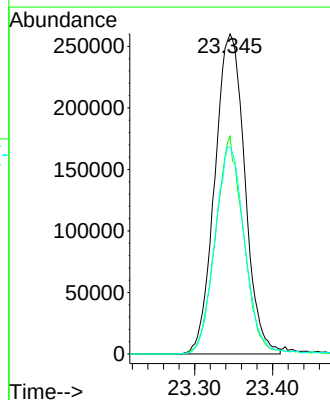
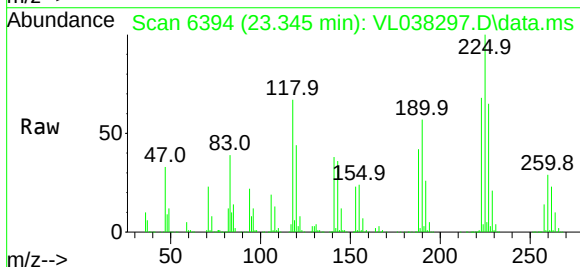
Tgt Ion:225 Resp: 696377

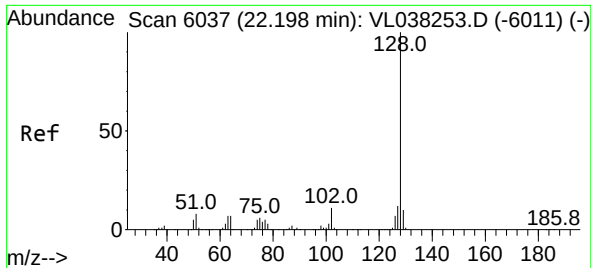
Ion Ratio Lower Upper

225 100

223 64.0 51.7 77.5

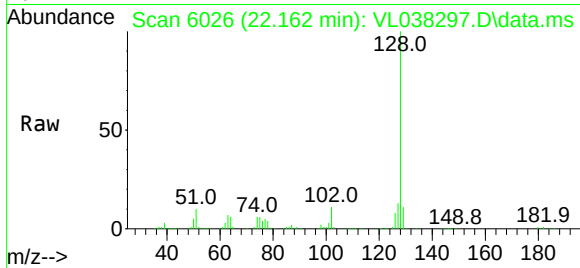
227 64.8 51.4 77.0





#79
Naphthalene
Concen: 11.419 ppbv
RT: 22.162 min Scan# 6037
Delta R.T. -0.035 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

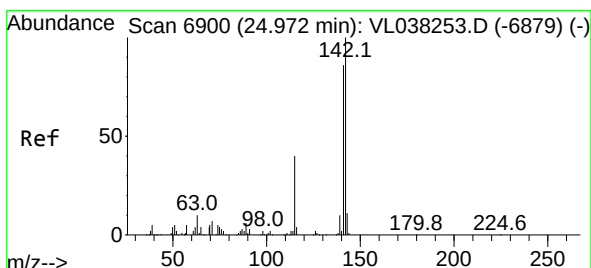
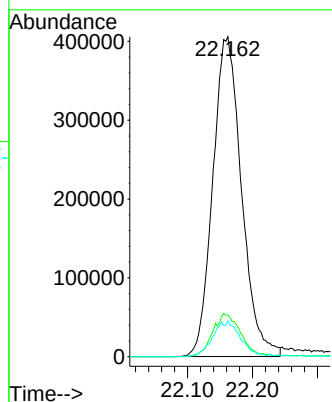
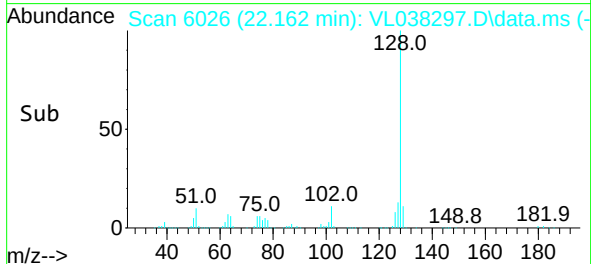
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 1244604
Ion Ratio Lower Upper
128 100
127 13.0 9.7 14.5
129 11.2 8.1 12.1

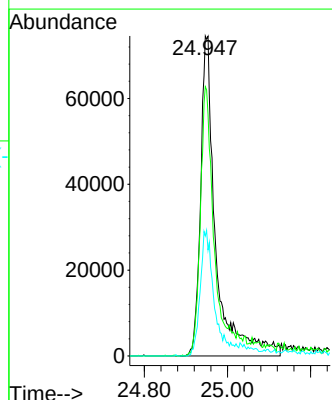
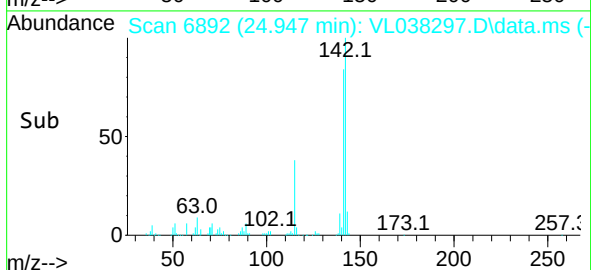
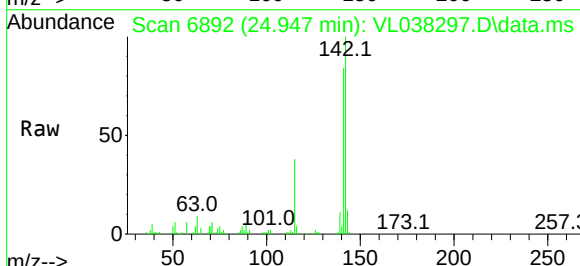
Manual Integrations
APPROVED

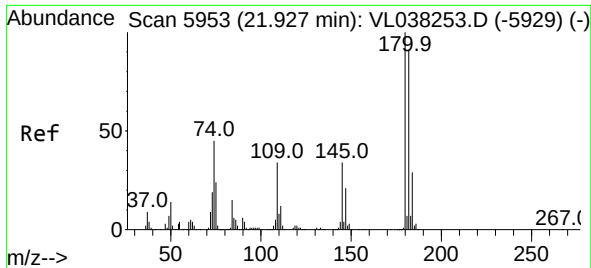
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#80
Naphthalene,2-methyl-
Concen: 16.089 ppbv
RT: 24.947 min Scan# 6892
Delta R.T. -0.026 min
Lab File: VL038297.D
Acq: 27 Jan 2022 14:28

Tgt Ion:142 Resp: 190699
Ion Ratio Lower Upper
142 100
141 78.3 70.2 105.4
115 35.5 31.8 47.6





#81

1,2,4-Trichlorobenzene

Concen: 10.219 ppbv

RT: 21.886 min Scan# 5940

Delta R.T. -0.042 min

Lab File: VL038297.D

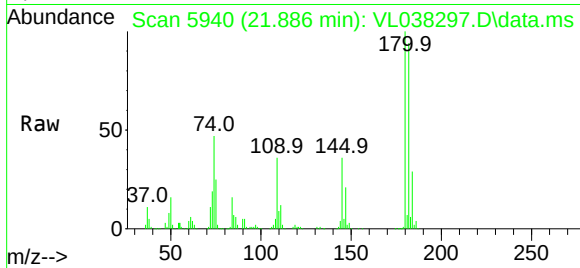
Acq: 27 Jan 2022 14:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 65507

Ion Ratio Lower Upper

180 100

182 98.5 77.7 116.5

184 31.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022

