

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041011.D
 Acq On : 24 Jan 2024 11:24
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 03:16:19 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Thu Jan 25 03:13:06 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1105276	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2846888	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.430	117	2662768	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.738 95 2039974 10.143 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.700	85	1971354	8.075	ppbv	97
3) Chlorodifluoromethane	2.645	51	1670100	8.984	ppbv	100
4) Chloromethane	2.784	50	640630	9.194	ppbv	99
5) Vinyl Chloride	2.890	62	660196	9.664	ppbv	99
6) Bromomethane	3.089	94	281980	9.480	ppbv	93
7) Chloroethane	3.166	64	237093	9.638	ppbv	98
8) Dichlorotetrafluoroethane	2.825	85	1622895	8.899	ppbv	98
9) Propene	2.665	41	569224	9.335	ppbv	96
10) Heptane	7.542	43	1428419	9.518	ppbv	100
11) Trichlorofluoromethane	3.530	101	1791104	9.105	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.031	101	1276761	8.956	ppbv	98
13) Ethanol	3.208	45	118141	8.129	ppbv	96
14) Bromoethene	3.333	108	528831	9.661	ppbv	99
15) Acetone	3.436	43	1209256	8.556	ppbv	99
16) 1,3-Butadiene	2.954	39	628370	9.293	ppbv	99
17) tert-Butyl alcohol	3.845	59	1102036	9.506	ppbv	99
18) 1,1-Dichloroethene	3.848	96	570922	9.354	ppbv	96
19) Isopropyl Alcohol	3.546	45	726186	8.876	ppbv	100
20) Methylene Chloride	3.899	84	474080	8.717	ppbv	98
21) Allyl Chloride	3.964	41	817019	9.514	ppbv	99
22) trans-1,2-Dichloroethene	4.411	96	587749	9.352	ppbv	99
23) Vinyl Acetate	4.594	43	1456149	9.994	ppbv	99
24) 1,1-Dichloroethane	4.529	63	1197688	9.267	ppbv	99
25) Ethyl Acetate	5.166	43	2398985	9.360	ppbv	100
26) Hexane	5.179	57	1037957	9.502	ppbv	98
27) Carbon Disulfide	4.092	76	1428375	10.048	ppbv	98
28) Methyl tert-Butyl Ether	4.552	73	848104	9.354	ppbv	98
29) Chloroform	5.240	83	1797344	9.276	ppbv	99
30) Cyclohexane	6.565	84	905818	9.897	ppbv	98
31) cis-1,2-Dichloroethene	5.044	61	917390	8.948	ppbv	98
32) 1,1,1-Trichloroethane	5.970	97	1775304	9.587	ppbv	99
34) 2-Butanone	4.751	43	1323715	9.760	ppbv	100
35) Carbon Tetrachloride	6.459	117	1898055	9.998	ppbv	100
36) Benzene	6.333	78	2256523	9.597	ppbv	98
37) 1,2-Dichloroethane	5.774	62	1378345	9.606	ppbv	99
38) Trichloroethene	7.253	130	890551	9.448	ppbv	98
39) 1,2-Dichloropropane	7.037	63	877142	9.470	ppbv	99
40) 1,4-Dioxane	7.250	88	344241	8.948	ppbv	87
41) Tetrahydrofuran	5.520	42	920562	9.996	ppbv	99
42) Bromodichloromethane	7.214	83	2003213	9.758	ppbv	99
43) Methyl Methacrylate	7.439	69	949623	10.467	ppbv	100
44) 2,2,4-Trimethylpentane	7.291	57	3702233	9.358	ppbv	100
45) t-1,3-Dichloropropene	8.674	75	700945	11.307	ppbv	98

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Manual Integrations
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Quant Time: Jan 25 03:16:19 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Thu Jan 25 03:13:06 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.105	75	826725	10.694	ppbv	98
47) 1,1,2-Trichloroethane	8.861	97	952587	9.542	ppbv	98
48) Dibromochloromethane	9.671	129	1713344	10.151	ppbv	99
49) Bromoform	12.372	173	1401807	10.588	ppbv	99
50) 4-Methyl-2-Pentanone	8.143	43	2403986	10.065	ppbv	100
51) 2-Hexanone	9.513	43	1771665	10.290	ppbv	99
52) Tetrachloroethene	10.574	164	781870	10.014	ppbv	98
53) Toluene	9.182	91	2597348	10.084	ppbv	100
54) 1,2-Dibromoethane	9.973	107	1385249	10.245	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.468	131	1239123	9.699	ppbv	99
57) Chlorobenzene	11.487	112	2053381	9.587	ppbv	98
58) Ethyl Benzene	12.050	91	3530528	9.874	ppbv	99
59) m/p-Xylene	12.333	91	6062601m	19.446	ppbv	
60) o-Xylene	13.024	91	2901527	9.700	ppbv	100
61) Styrene	12.860	104	1504272	10.952	ppbv	99
62) Isopropylbenzene	13.992	105	4227305	9.556	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.011	83	2137053	9.193	ppbv	99
64) n-propylbenzene	14.880	120	1092560	9.776	ppbv	99
65) tert-Butylbenzene	16.053	119	3737276	9.670	ppbv	99
66) Benzyl Chloride	16.291	91	272862	10.774	ppbv	99
67) sec-Butylbenzene	16.597	105	5284785	9.391	ppbv	100
69) p-Isopropyltoluene	16.957	119	4272226	9.800	ppbv	100
70) n-Butylbenzene	17.847	91	4522111	9.600	ppbv	100
71) 2-Chlorotoluene	14.761	91	3290740	9.641	ppbv	100
72) 4-Ethyltoluene	15.153	105	3344172	10.011	ppbv	100
73) 1,3,5-Trimethylbenzene	15.314	105	2880156	9.715	ppbv	99
74) 1,2,4-Trimethylbenzene	16.069	105	3182241	9.468	ppbv	95
75) 1,3-Dichlorobenzene	16.291	146	1834662	9.592	ppbv	100
76) 1,4-Dichlorobenzene	16.433	146	1771283	9.385	ppbv	99
77) 1,2-Dichlorobenzene	17.105	146	1775835	9.341	ppbv	99
78) Hexachloro-1,3-Butadiene	22.590	225	1025582	8.365	ppbv	100
79) Naphthalene	21.339	128	2404709	12.542	ppbv	98
80) Naphthalene,2-methyl-	24.342	142	484398	14.385	ppbv	92
81) 1,2,4-Trichlorobenzene	21.098	180	1159422	10.365	ppbv	100

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

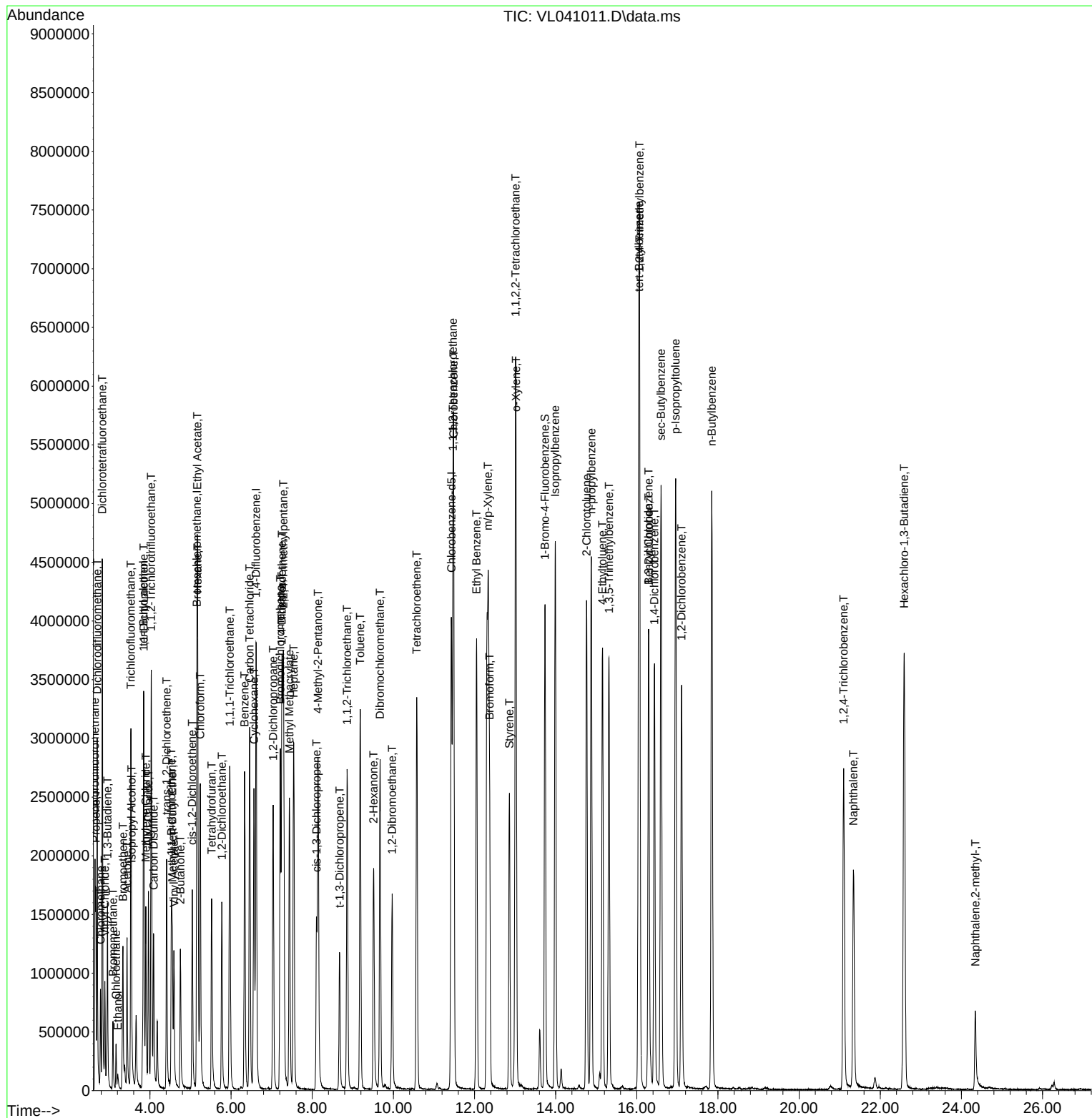
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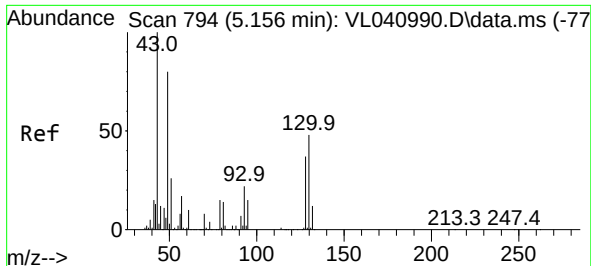
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

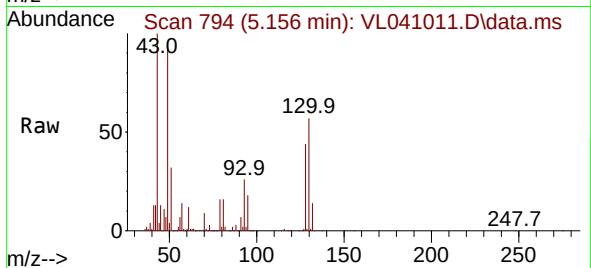
Quant Time: Jan 25 03:16:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Jan 25 03:13:06 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

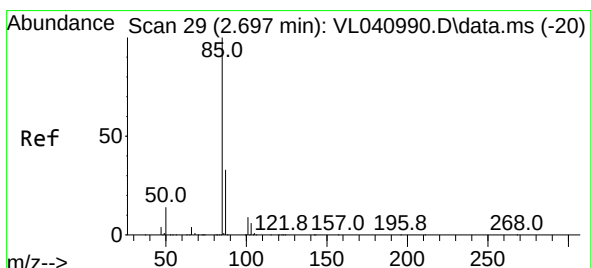
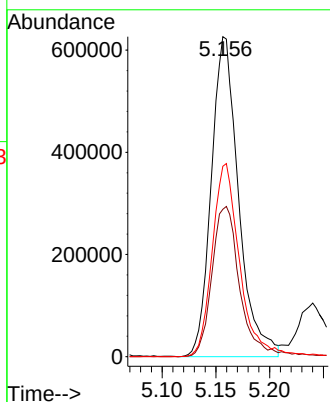
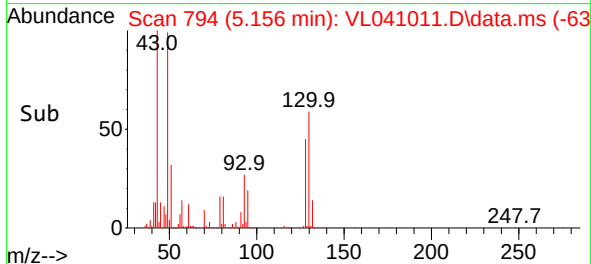
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



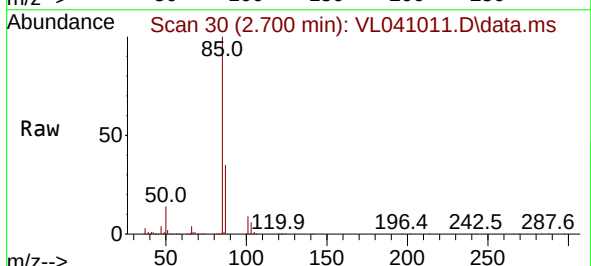
Tgt Ion: 49 Resp: 1105270
Ion Ratio Lower Upper
49 100
128 48.6 23.9 71.7
130 61.7 31.1 93.5

Manual Integrations
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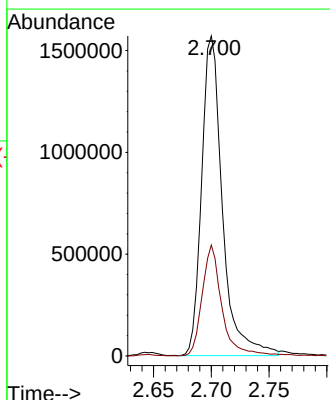
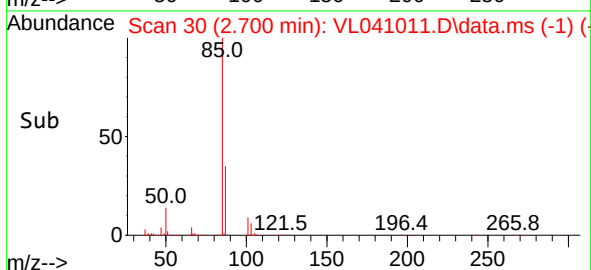
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

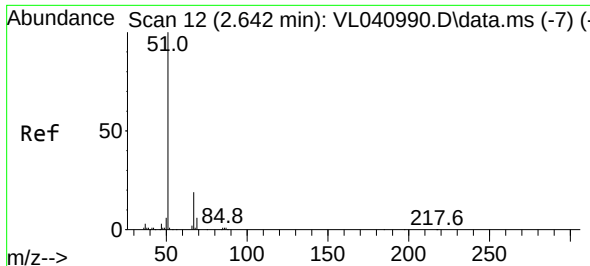


#2
Dichlorodifluoromethane
Concen: 8.075 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24



Tgt Ion: 85 Resp: 1971354
Ion Ratio Lower Upper
85 100
87 34.6 26.3 39.5





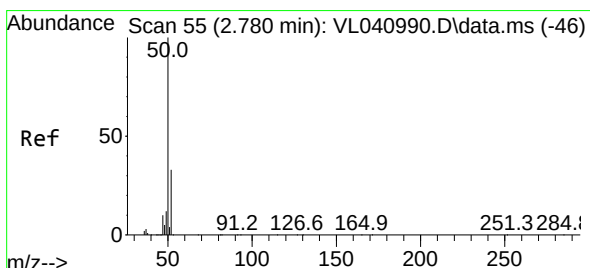
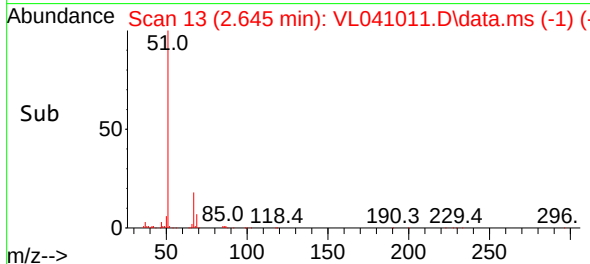
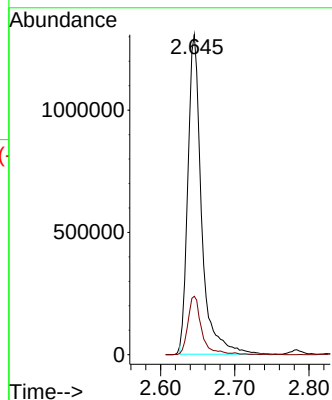
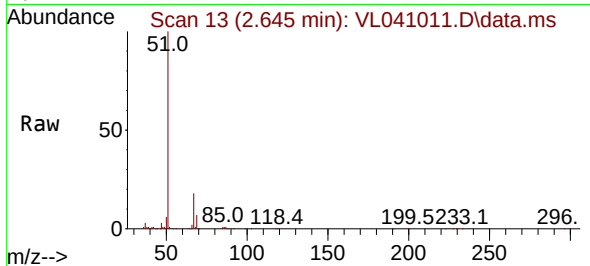
#3
Chlorodifluoromethane
Concen: 8.984 ppbv
RT: 2.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1670100
Ion Ratio Lower Upper
51 100
67 18.5 14.8 22.2

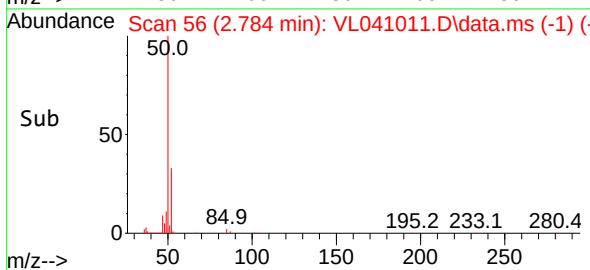
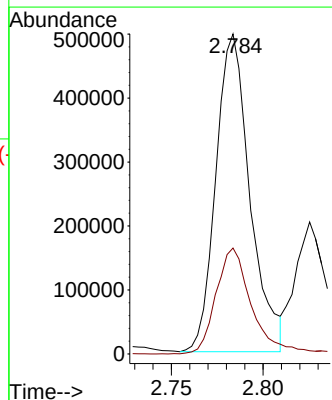
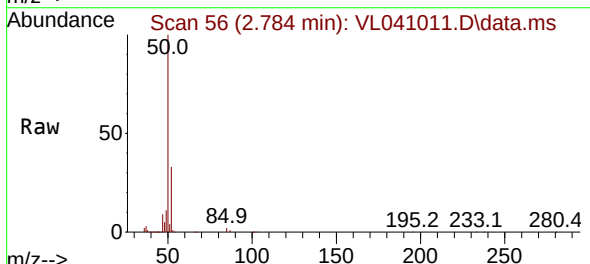
Manual Integrations
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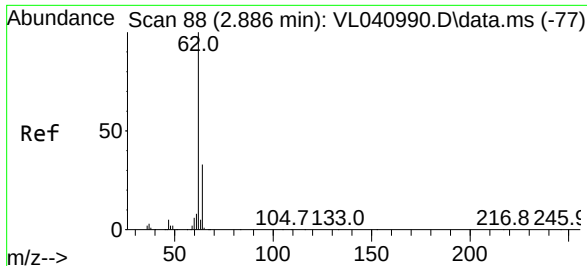
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#4
Chloromethane
Concen: 9.194 ppbv
RT: 2.784 min Scan# 56
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

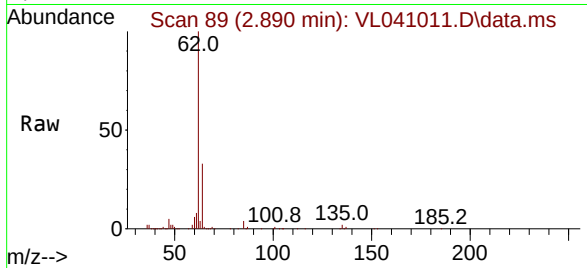
Tgt Ion: 50 Resp: 640630
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.4





#5
 Vinyl Chloride
 Concen: 9.664 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

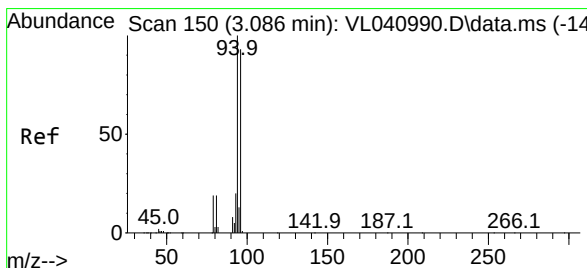
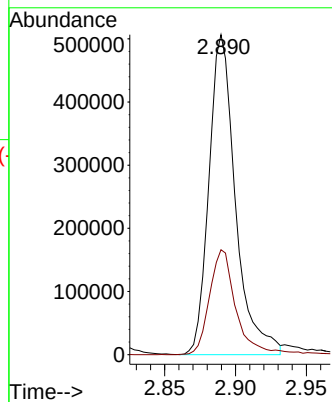
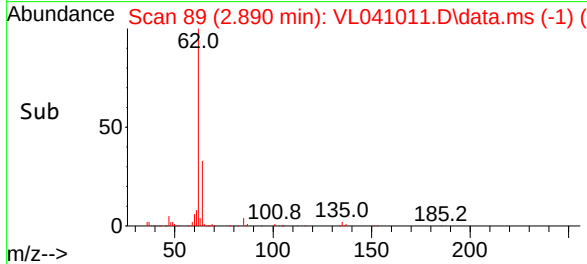
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 660190
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.6 40.0

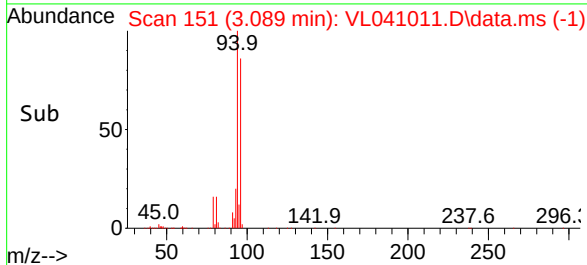
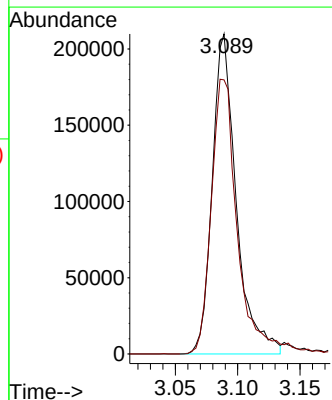
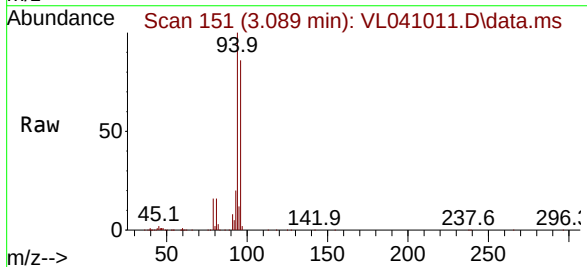
Manual Integrations
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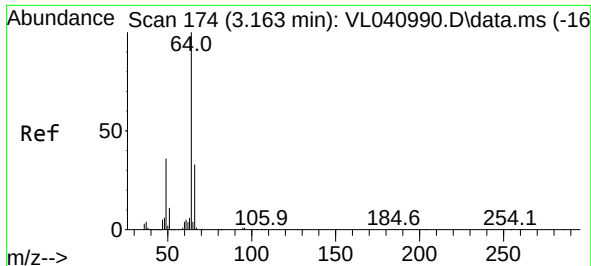
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#6
 Bromomethane
 Concen: 9.480 ppbv
 RT: 3.089 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

Tgt Ion: 94 Resp: 281980
 Ion Ratio Lower Upper
 94 100
 96 85.6 74.2 111.4





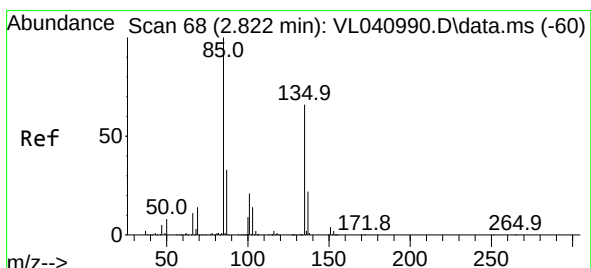
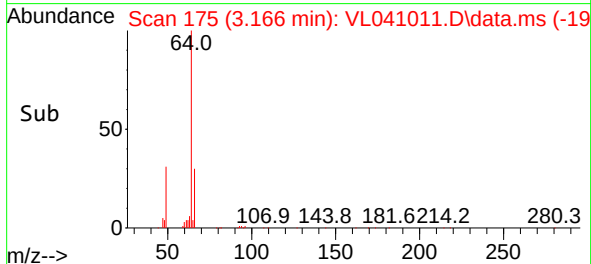
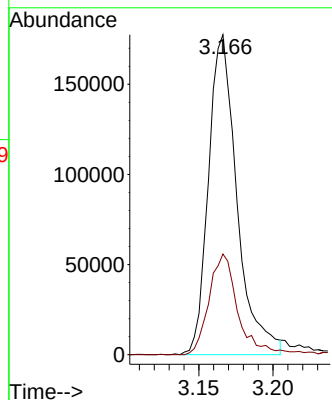
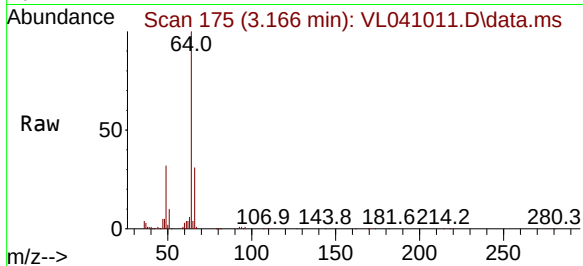
#7
Chloroethane
Concen: 9.638 ppbv
RT: 3.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 237093
Ion Ratio Lower Upper
64 100
66 31.4 26.0 39.0

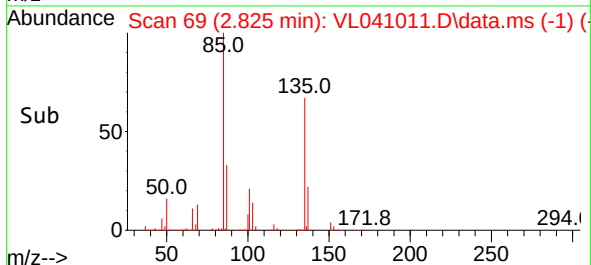
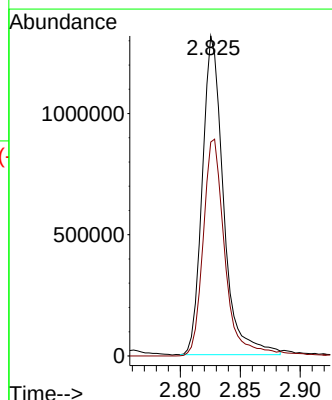
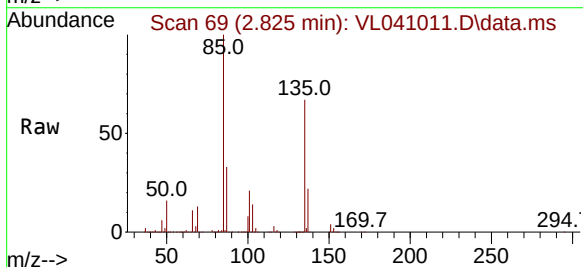
Manual Integrations
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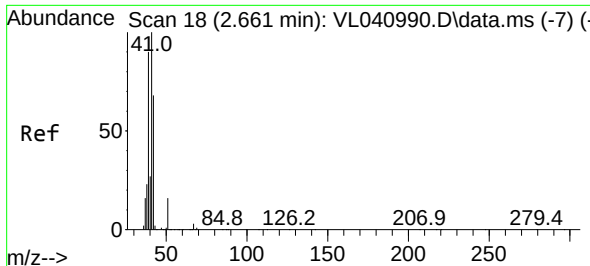
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#8
Dichlorotetrafluoroethane
Concen: 8.899 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Tgt Ion: 85 Resp: 1622895
Ion Ratio Lower Upper
85 100
135 70.7 55.0 82.6





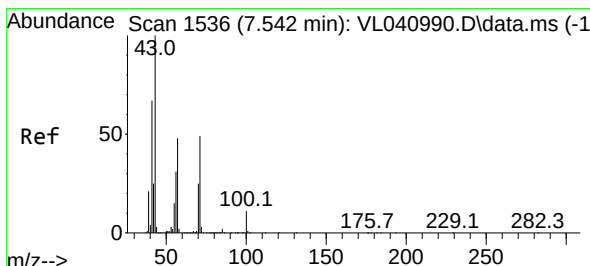
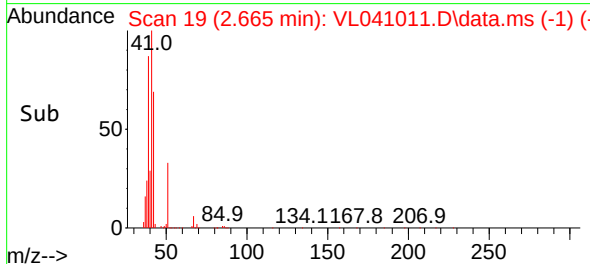
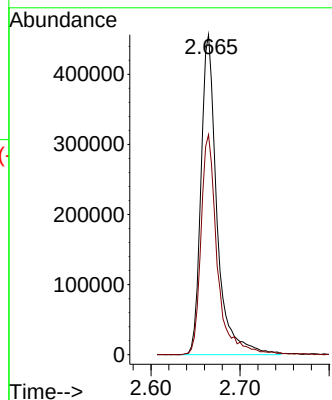
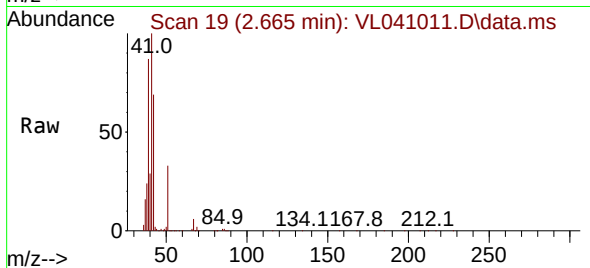
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 Propene
 Concen: 9.335 ppbv
 RT: 2.665 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 569224
 Ion Ratio Lower Upper
 41 100
 42 70.3 59.0 88.4

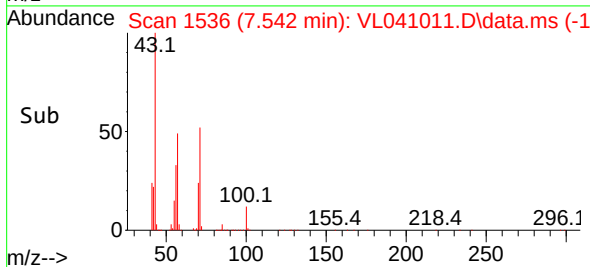
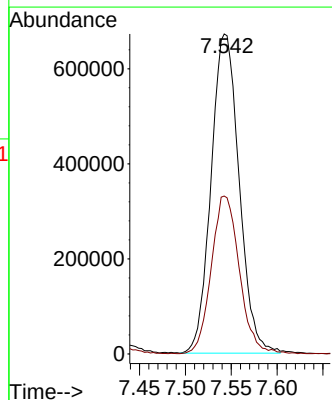
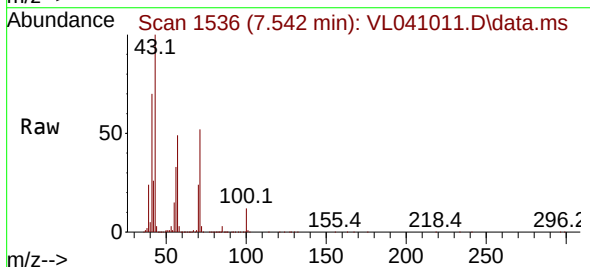
Manual Integrations
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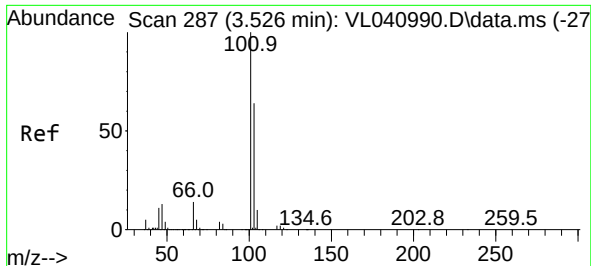
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#10
 Heptane
 Concen: 9.518 ppbv
 RT: 7.542 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

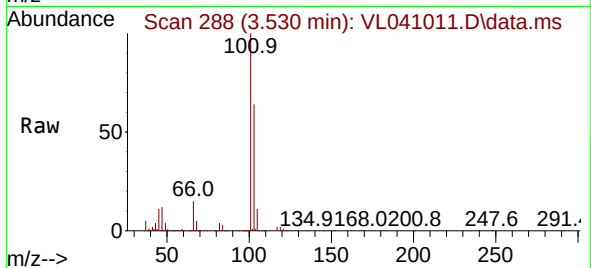
Tgt Ion: 43 Resp: 1428419
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.4 59.2





#11
Trichlorofluoromethane
Concen: 9.105 ppbv
RT: 3.530 min Scan# 287
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

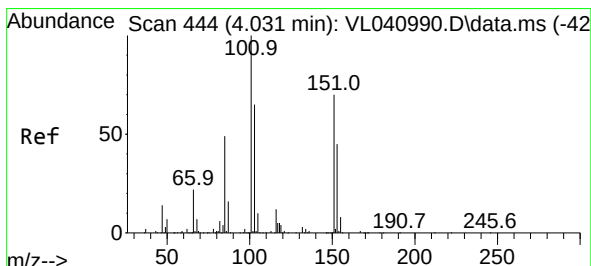
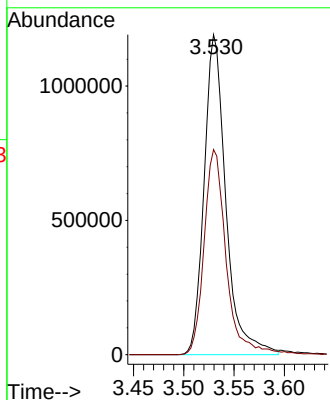
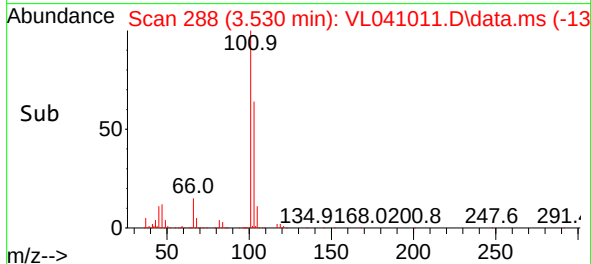
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



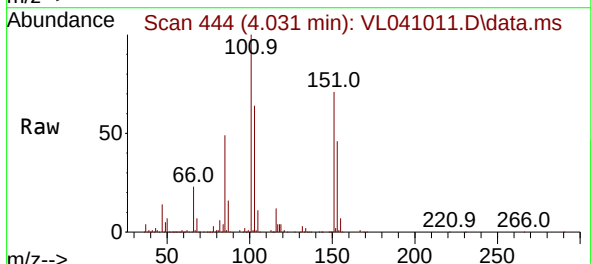
Tgt Ion:101 Resp: 1791104
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

Manual Integrations
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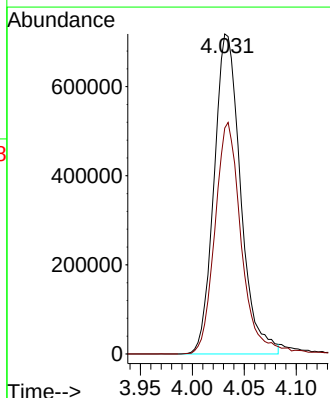
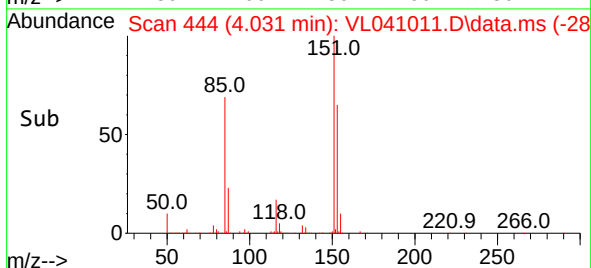
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

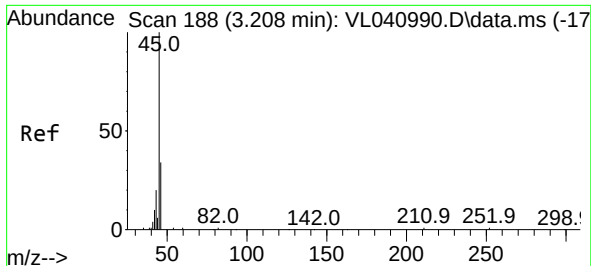


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.956 ppbv
RT: 4.031 min Scan# 444
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24



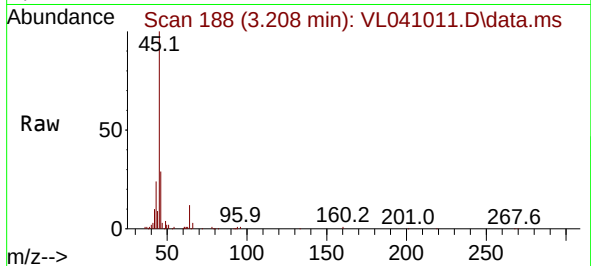
Tgt Ion:101 Resp: 1276761
Ion Ratio Lower Upper
101 100
151 72.7 56.6 85.0





#13
Ethanol
Concen: 8.129 ppbv
RT: 3.208 min Scan# 188
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

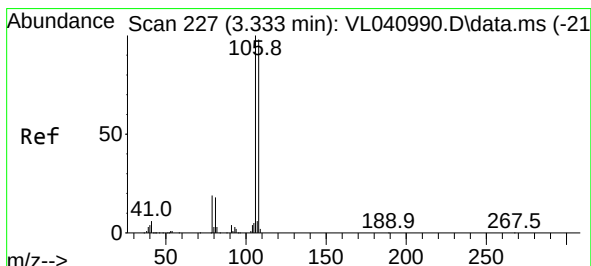
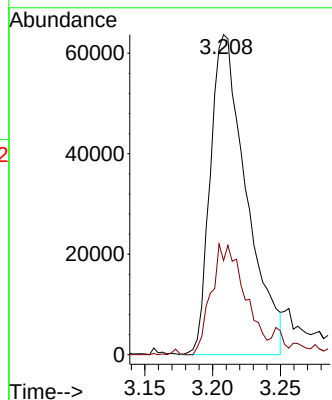
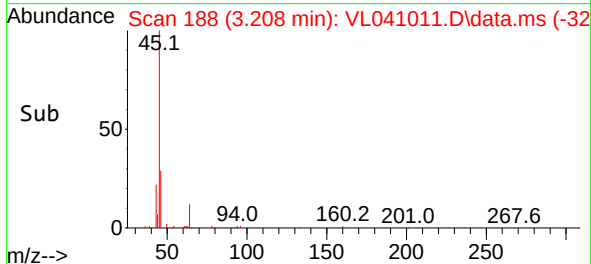
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 11814
Ion Ratio Lower Upper
45 100
46 37.9 16.2 64.8

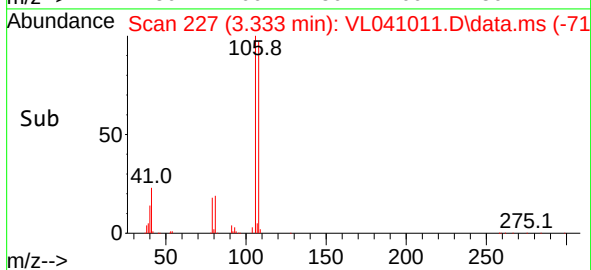
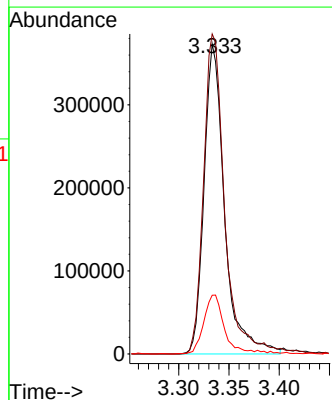
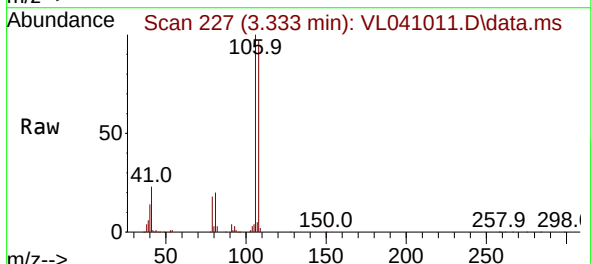
Manual Integrations
APPROVED

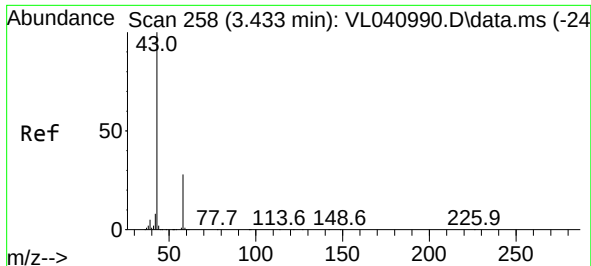
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#14
Bromoethene
Concen: 9.661 ppbv
RT: 3.333 min Scan# 227
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Tgt Ion:108 Resp: 528831
Ion Ratio Lower Upper
108 100
106 107.2 86.4 129.6
79 19.9 16.2 24.4





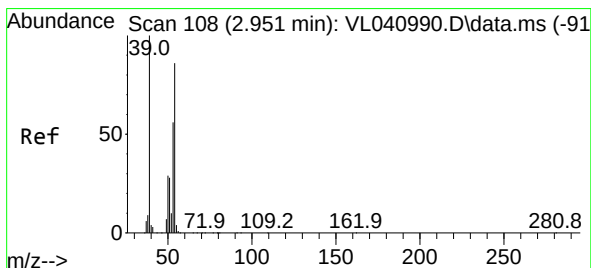
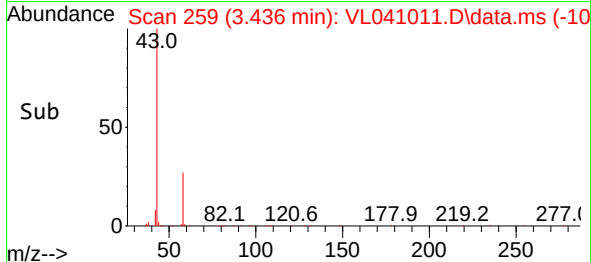
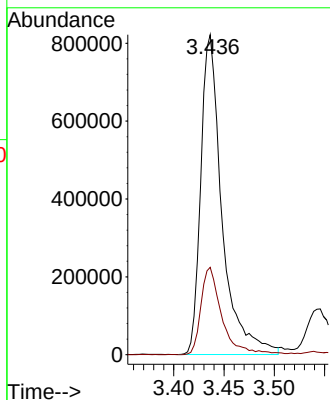
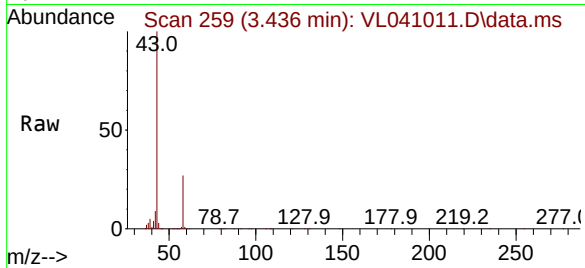
#15
Acetone
Concen: 8.556 ppbv
RT: 3.436 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1209250
Ion Ratio Lower Upper
43 100
58 27.0 22.2 33.2

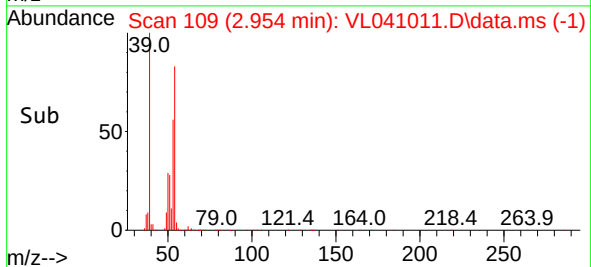
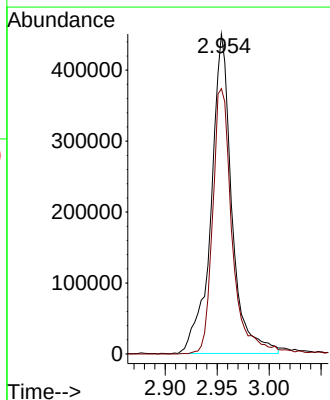
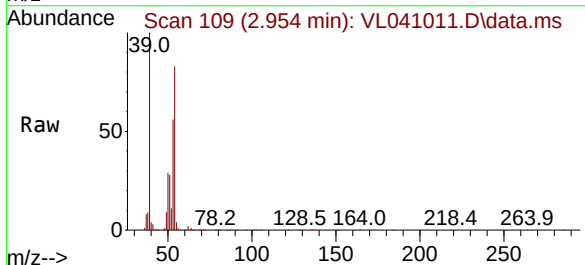
Manual Integrations
APPROVED

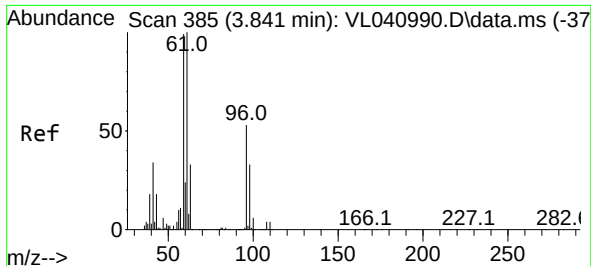
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#16
1,3-Butadiene
Concen: 9.293 ppbv
RT: 2.954 min Scan# 109
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Tgt Ion: 39 Resp: 628370
Ion Ratio Lower Upper
39 100
54 79.3 62.7 94.1





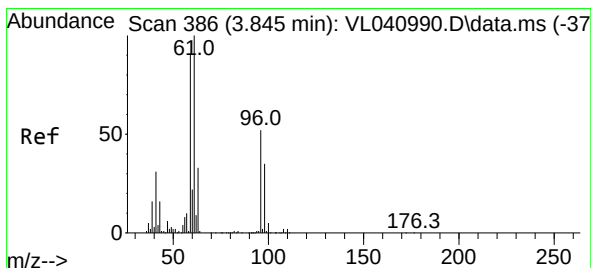
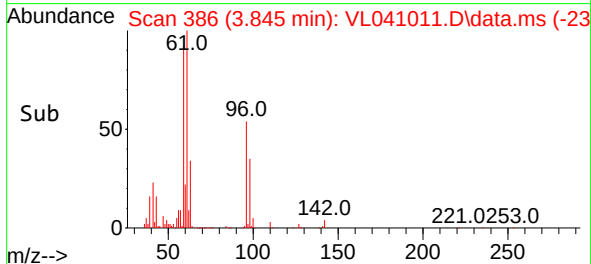
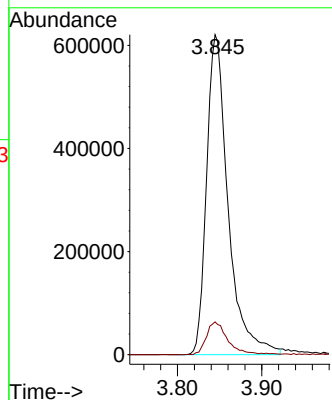
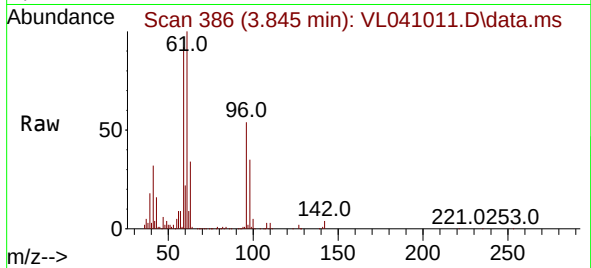
#17
tert-Butyl alcohol
Concen: 9.506 ppbv
RT: 3.845 min Scan# 385
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1102030
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

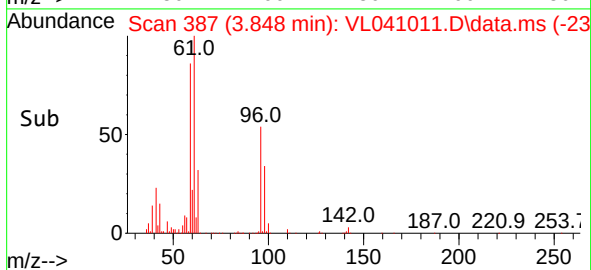
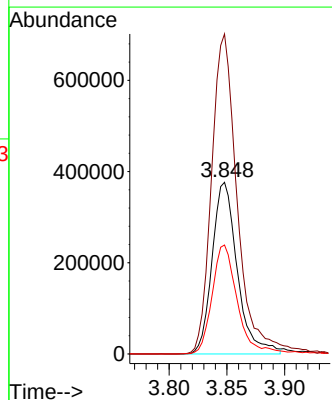
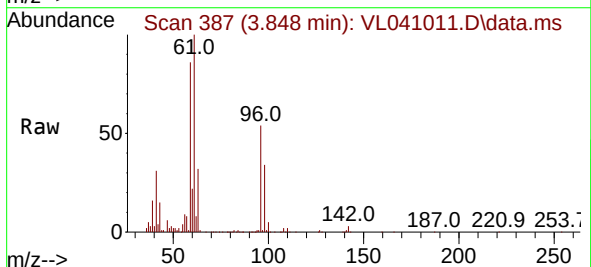
Manual Integrations
APPROVED

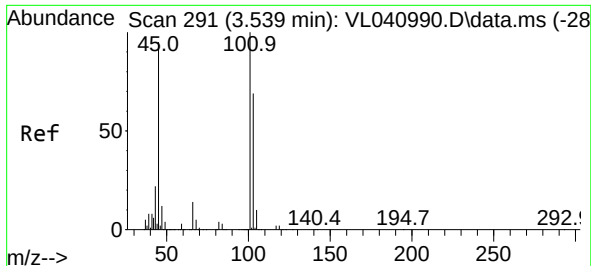
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#18
1,1-Dichloroethene
Concen: 9.354 ppbv
RT: 3.848 min Scan# 387
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Tgt Ion: 96 Resp: 570922
Ion Ratio Lower Upper
96 100
61 186.3 153.8 230.8
98 63.5 53.7 80.5





#19

Isopropyl Alcohol

Concen: 8.876 ppbv

RT: 3.546 min Scan# 291

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 726180

Ion Ratio Lower Upper

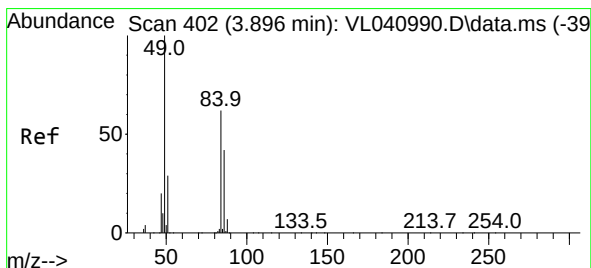
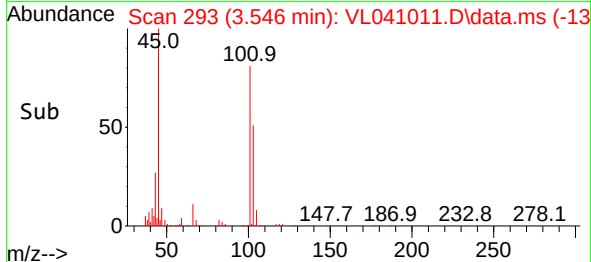
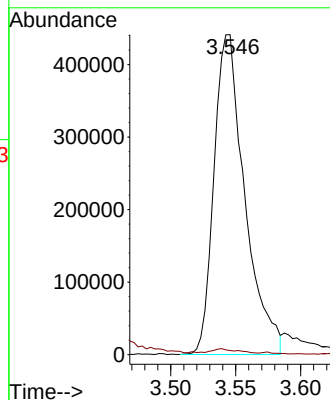
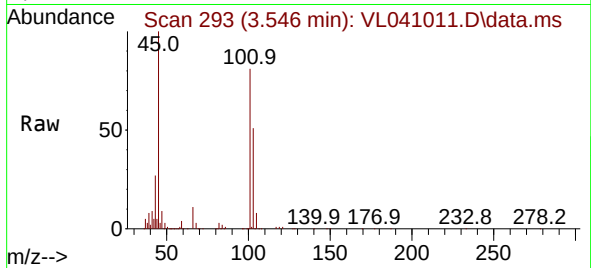
45 100

58 2.7 2.2 3.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#20

Methylene Chloride

Concen: 8.717 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Tgt Ion: 84 Resp: 474080

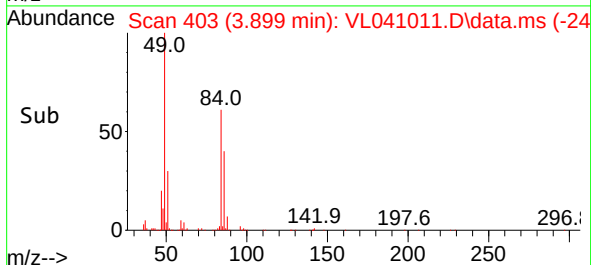
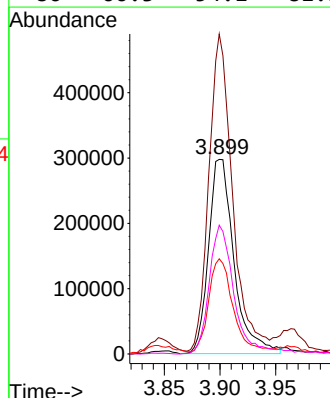
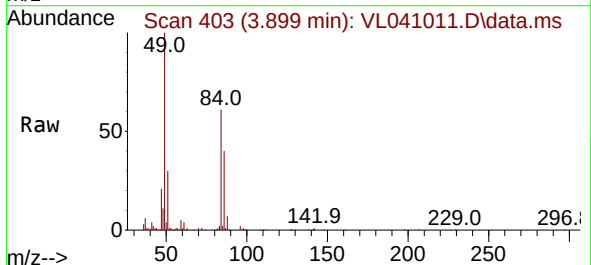
Ion Ratio Lower Upper

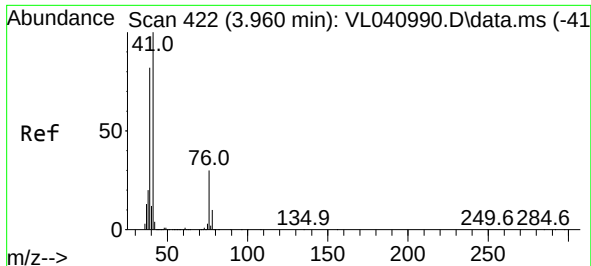
84 100

49 162.6 128.1 192.1

51 46.9 36.5 54.7

86 66.3 54.1 81.1





#21

Allyl Chloride

Concen: 9.514 ppbv

RT: 3.964 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 817019

Ion Ratio Lower Upper

41 100

76 30.6 25.0 37.4

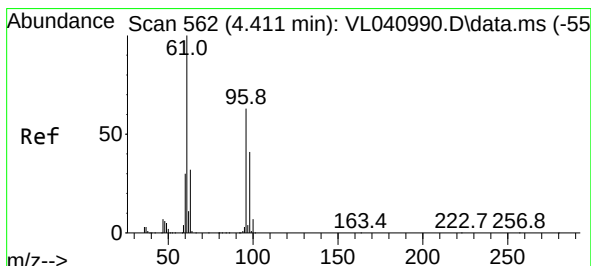
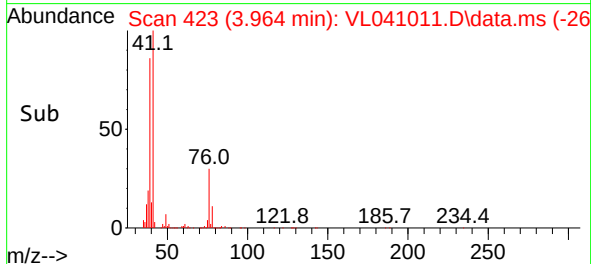
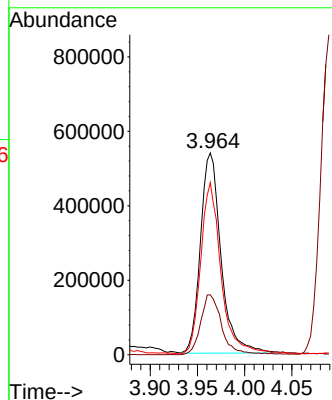
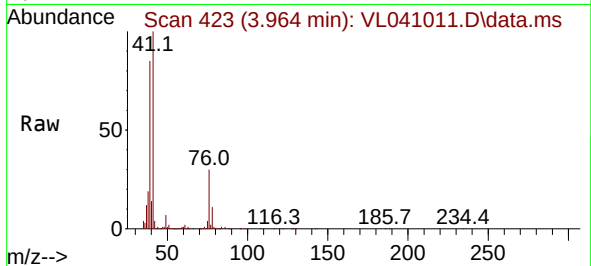
39 84.8 67.0 100.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#22

trans-1,2-Dichloroethene

Concen: 9.352 ppbv

RT: 4.411 min Scan# 562

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

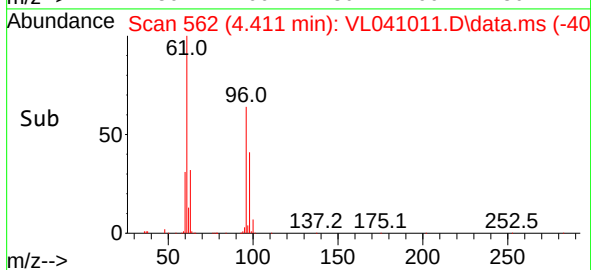
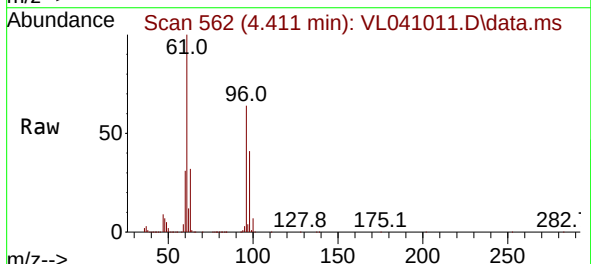
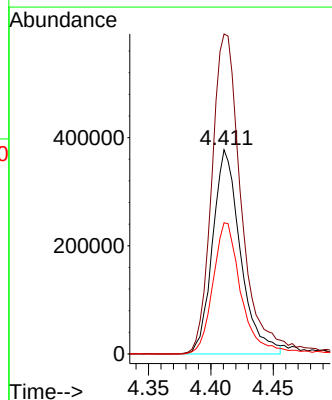
Tgt Ion: 96 Resp: 587749

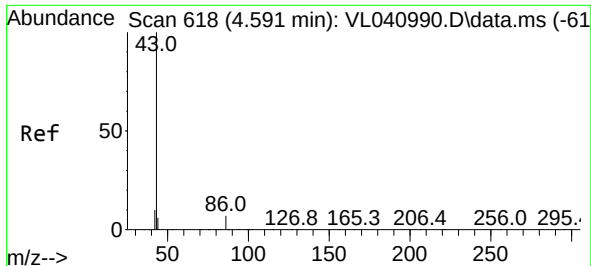
Ion Ratio Lower Upper

96 100

61 156.7 126.0 189.0

98 64.3 51.2 76.8





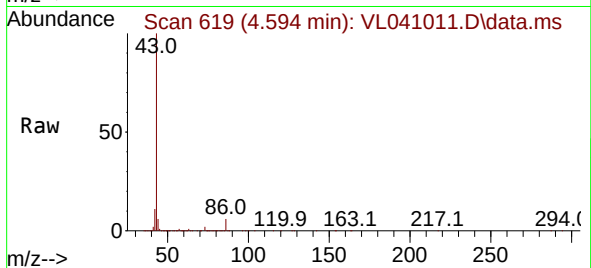
#23
 Vinyl Acetate
 Concen: 9.994 ppbv
 RT: 4.594 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

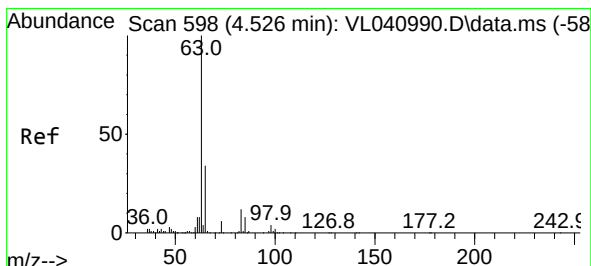
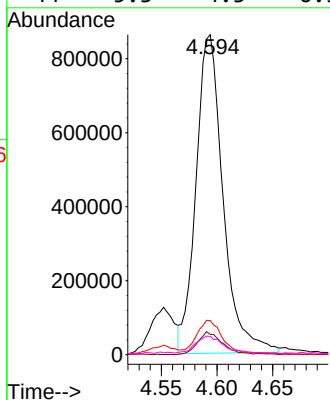
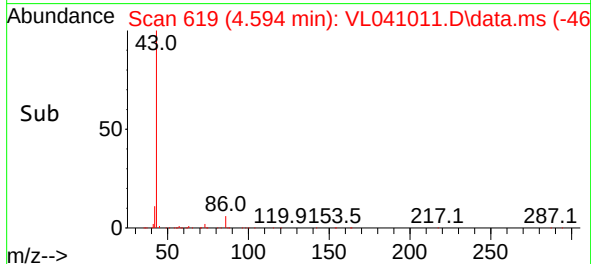


Tgt Ion: 43 Resp: 1456149
 Ion Ratio Lower Upper
 43 100
 86 6.4 5.4 8.0
 42 10.6 8.6 13.0
 44 5.3 4.3 6.5

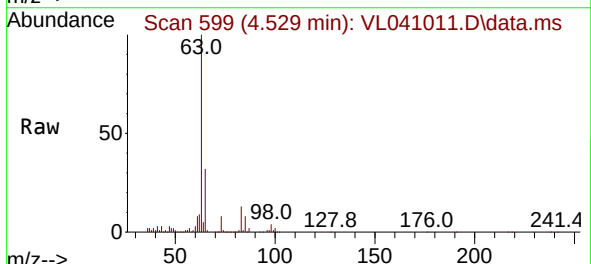
Manual Integrations

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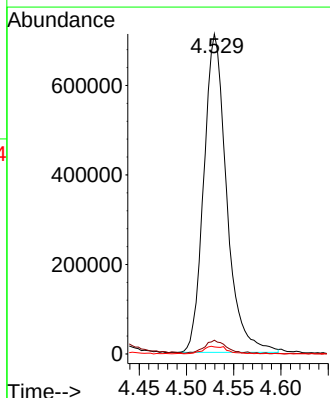
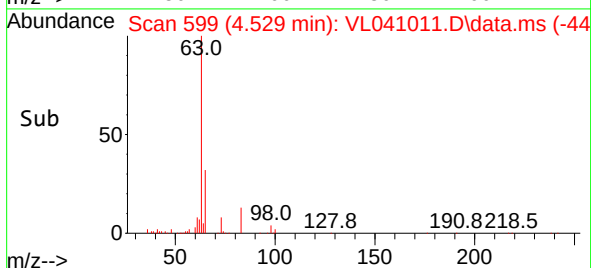
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

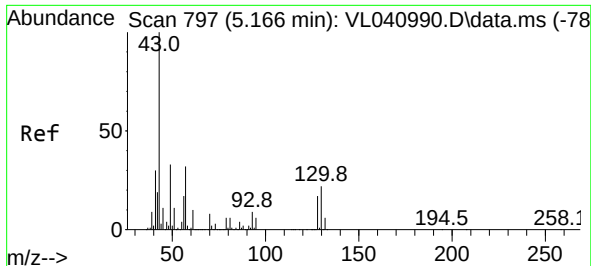


#24
 1,1-Dichloroethane
 Concen: 9.267 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24



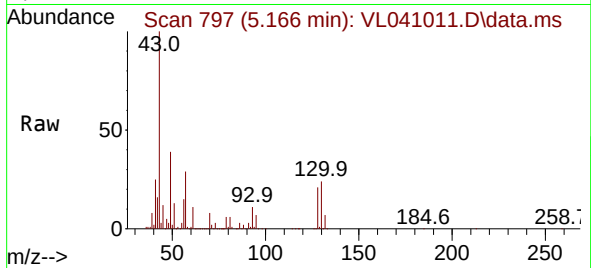
Tgt Ion: 63 Resp: 1197688
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.3
 100 2.1 1.3 3.9





#25
Ethyl Acetate
Concen: 9.360 ppbv
RT: 5.166 min Scan# 797
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

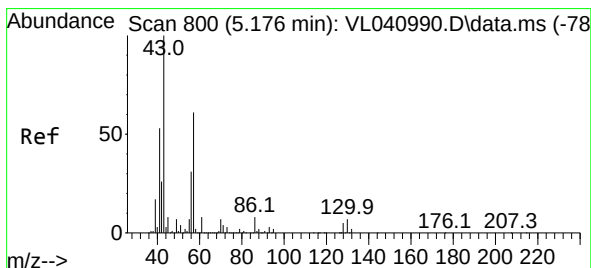
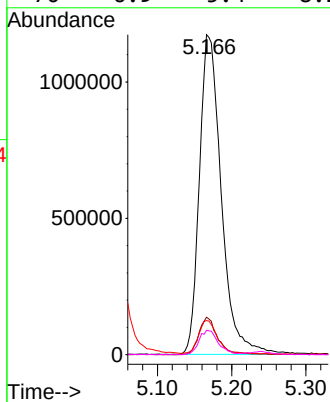
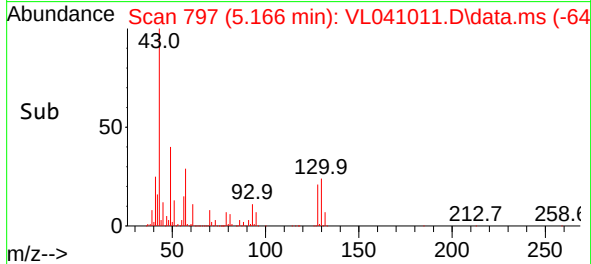


Tgt Ion: 43 Resp: 239898

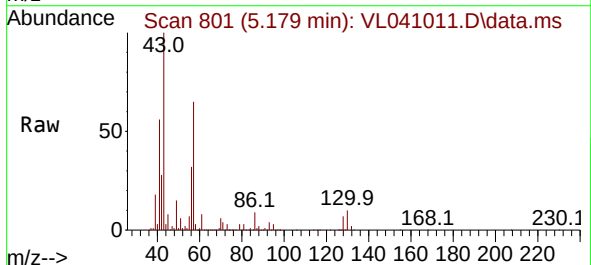
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	9.9	7.9	11.9
70	6.9	5.4	8.2

Manual Integrations
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Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

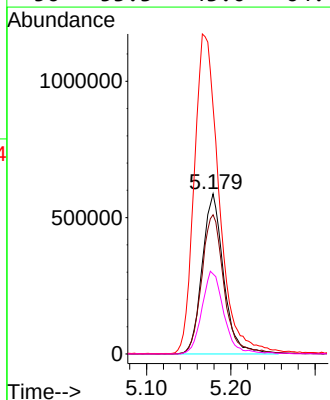
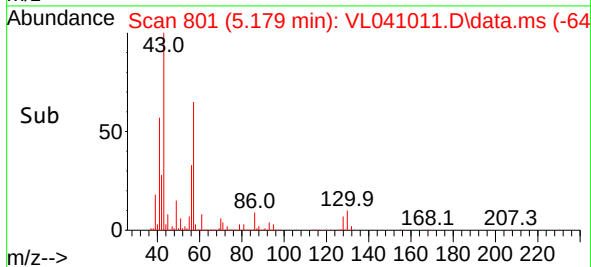


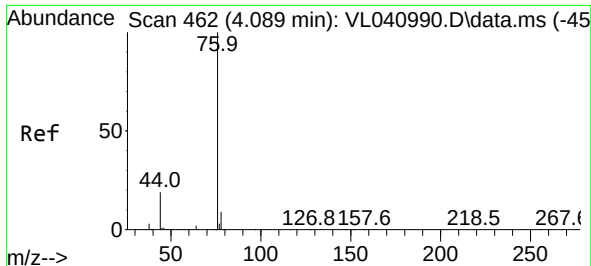
#26
Hexane
Concen: 9.502 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24



Tgt Ion: 57 Resp: 1037957

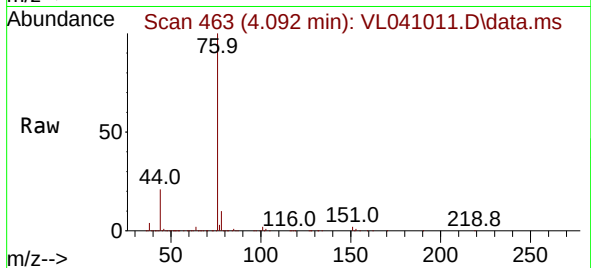
Ion	Ratio	Lower	Upper
57	100		
41	91.9	74.4	111.6
43	233.4	190.6	285.8
56	53.3	43.0	64.4





#27
Carbon Disulfide
Concen: 10.048 ppbv
RT: 4.092 min Scan# 463
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

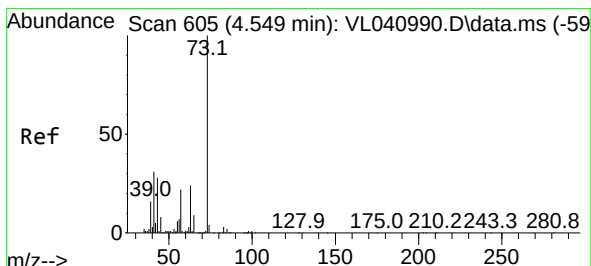
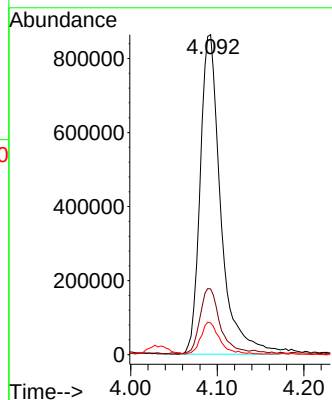
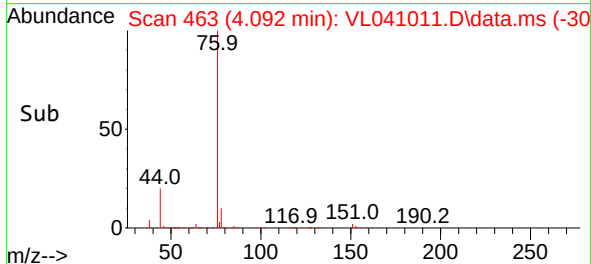
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1428375
Ion Ratio Lower Upper
76 100
44 21.2 16.0 24.0
78 9.5 7.8 11.8

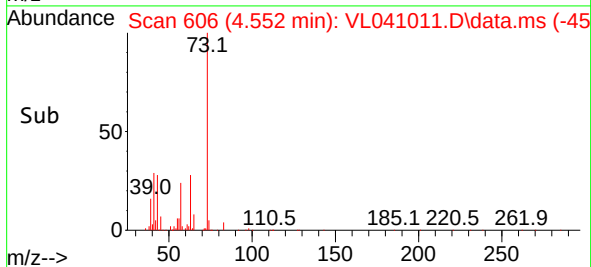
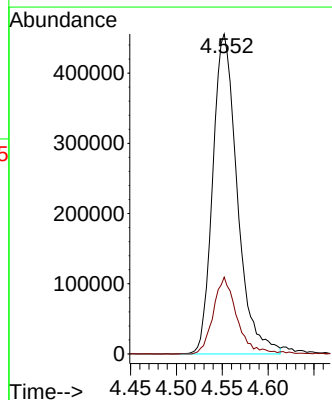
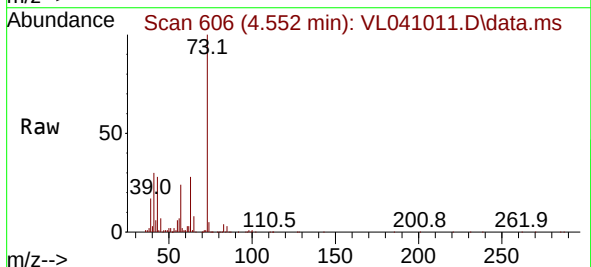
Manual Integrations
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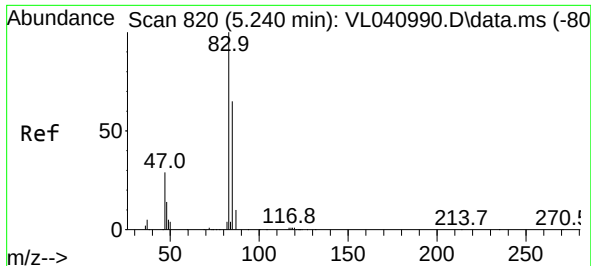
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#28
Methyl tert-Butyl Ether
Concen: 9.354 ppbv
RT: 4.552 min Scan# 606
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Tgt Ion: 73 Resp: 848104
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0





#29

Chloroform

Concen: 9.276 ppbv

RT: 5.240 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041011.D

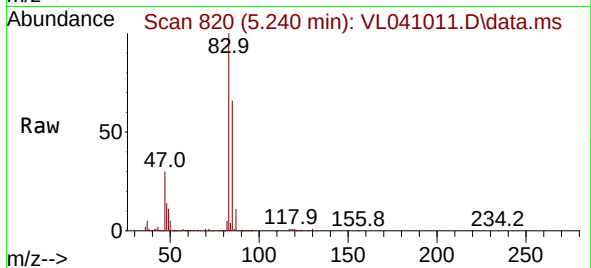
Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 83 Resp: 179734

Ion Ratio Lower Upper

83 100

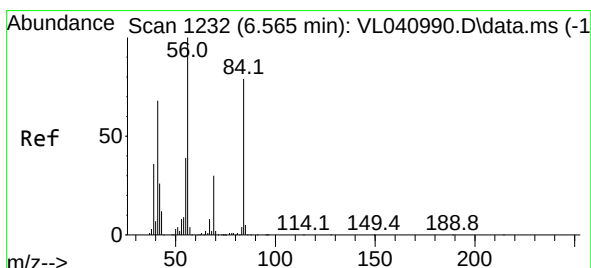
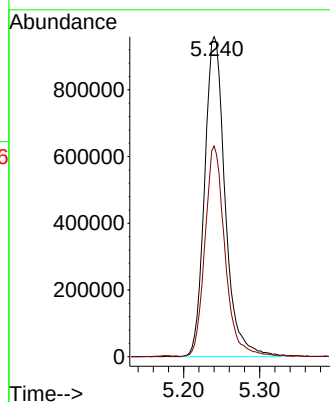
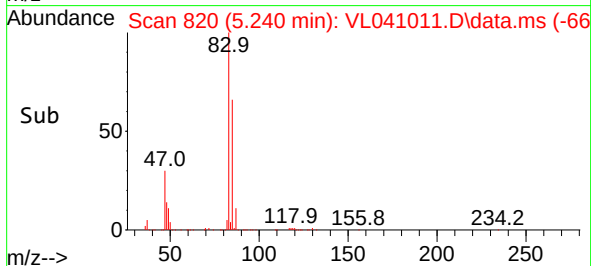
85 65.7 51.6 77.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#30

Cyclohexane

Concen: 9.897 ppbv

RT: 6.565 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

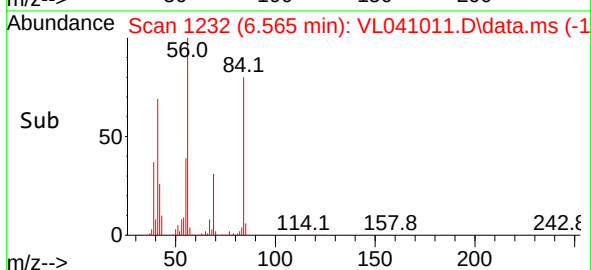
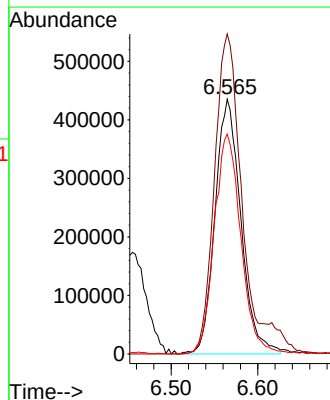
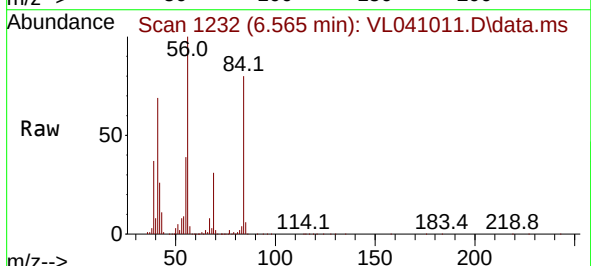
Tgt Ion: 84 Resp: 905818

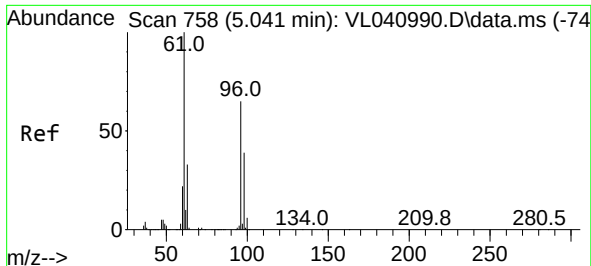
Ion Ratio Lower Upper

84 100

56 135.8 111.7 167.5

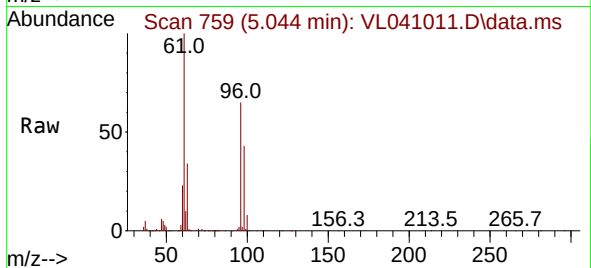
41 88.7 71.0 106.6





#31
 cis-1,2-Dichloroethene
 Concen: 8.948 ppbv
 RT: 5.044 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

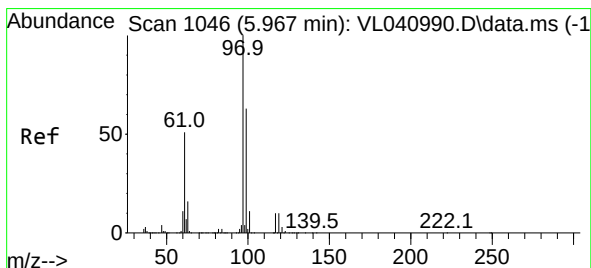
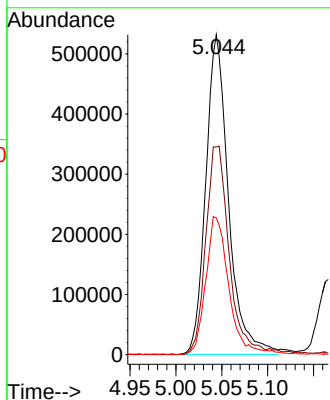
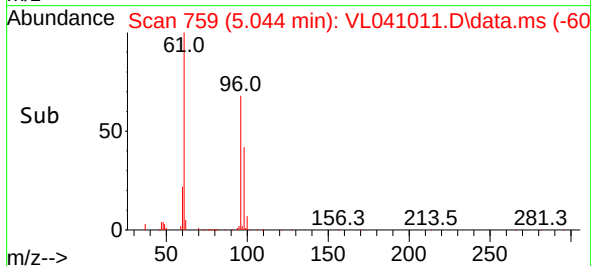
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



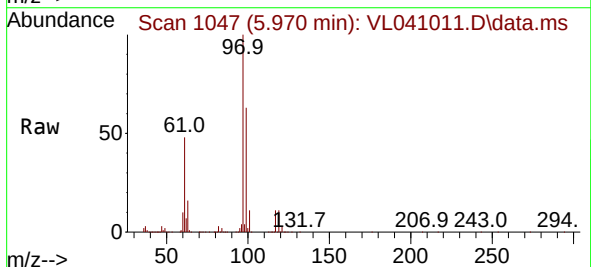
Tgt Ion: 61 Resp: 917390
 Ion Ratio Lower Upper
 61 100
 96 64.9 51.9 77.9
 98 42.7 31.5 47.3

Manual Integrations
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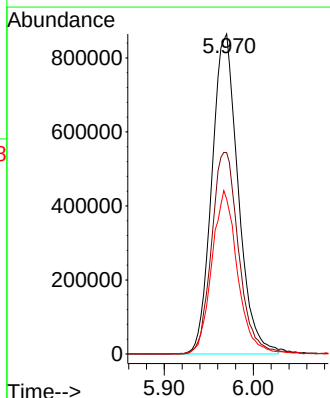
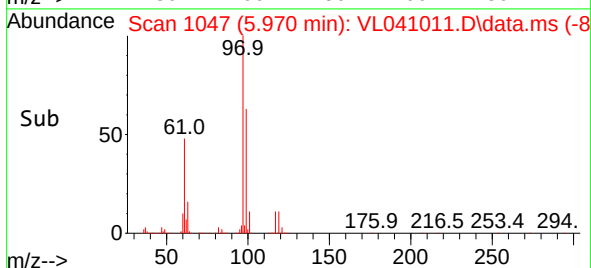
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

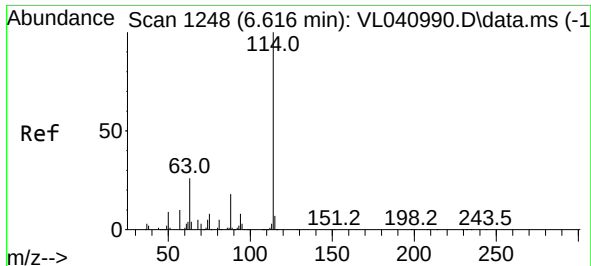


#32
 1,1,1-Trichloroethane
 Concen: 9.587 ppbv
 RT: 5.970 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24



Tgt Ion: 97 Resp: 1775304
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.5 77.3
 61 49.8 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 284688

Ion Ratio Lower Upper

114 100

63 25.4 20.8 31.2

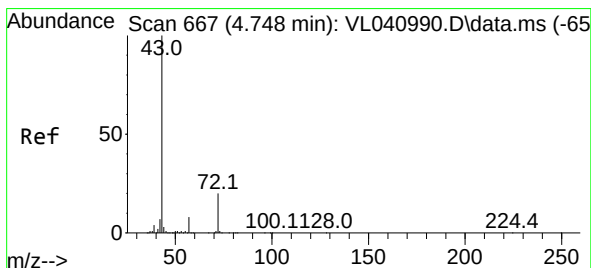
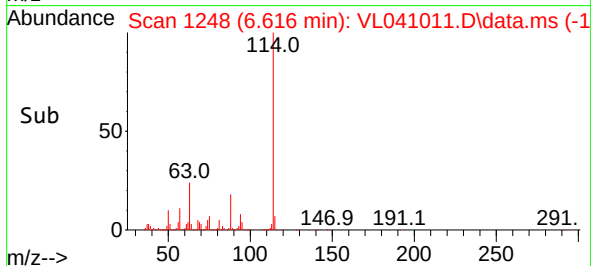
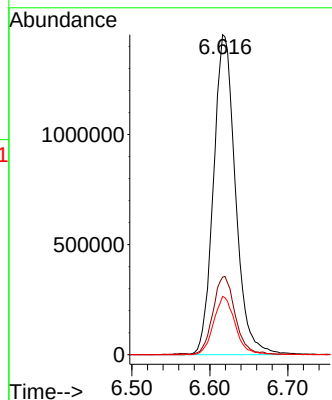
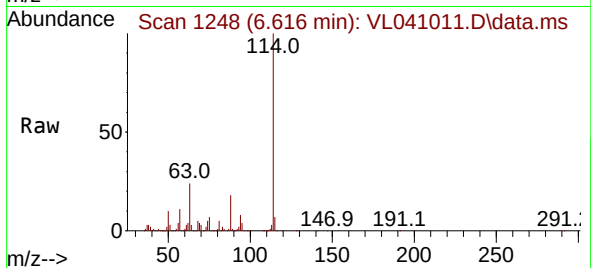
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#34

2-Butanone

Concen: 9.760 ppbv

RT: 4.751 min Scan# 668

Delta R.T. 0.000 min

Lab File: VL041011.D

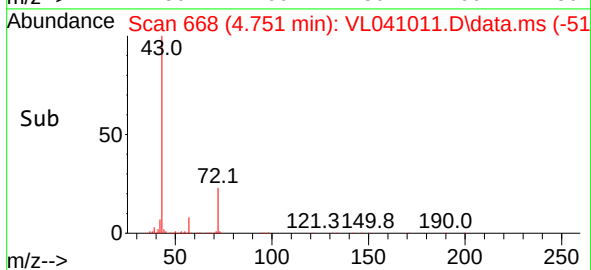
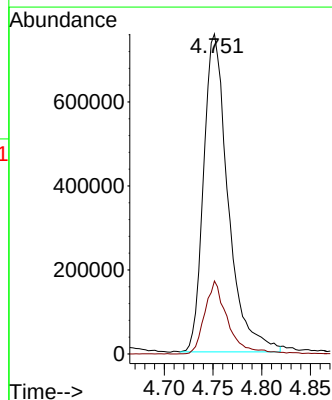
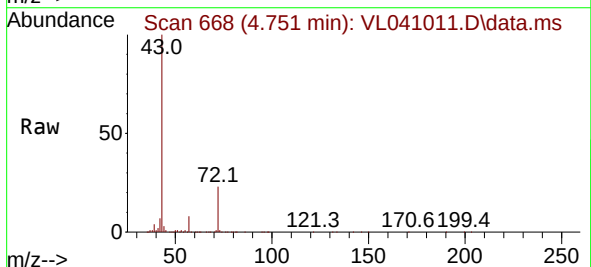
Acq: 24 Jan 2024 11:24

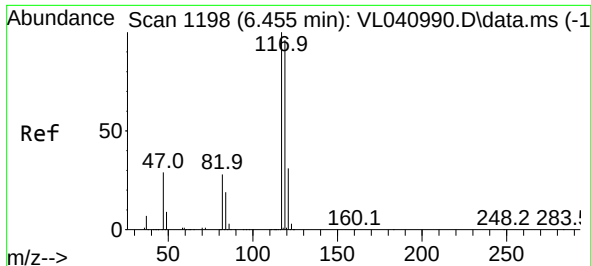
Tgt Ion: 43 Resp: 1323715

Ion Ratio Lower Upper

43 100

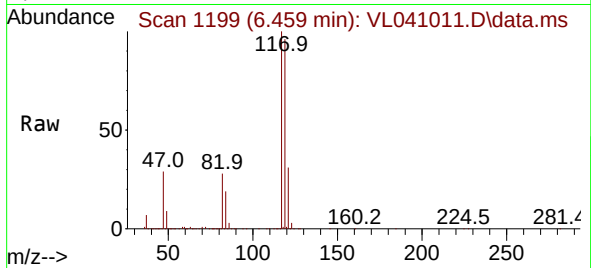
72 22.0 17.5 26.3





#35
Carbon Tetrachloride
Concen: 9.998 ppbv
RT: 6.459 min Scan# 1198
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

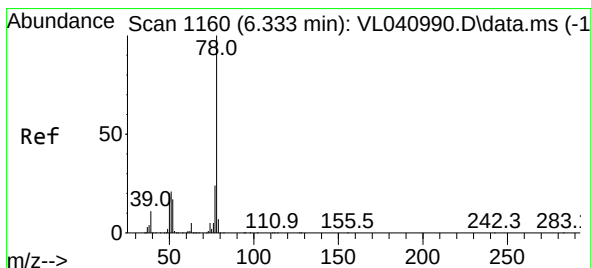
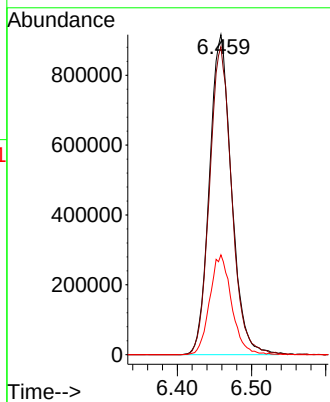
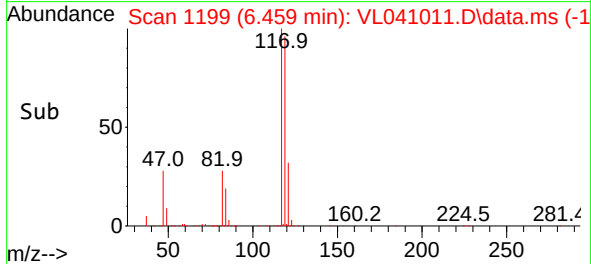
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



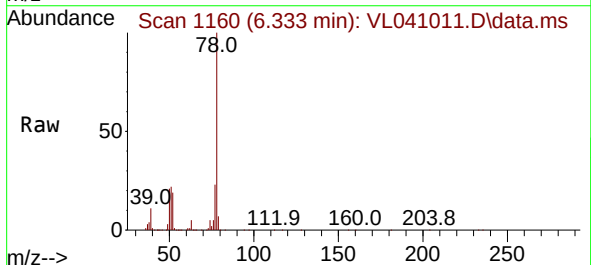
Tgt Ion: 117 Resp: 189805
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3
121 31.2 24.7 37.1

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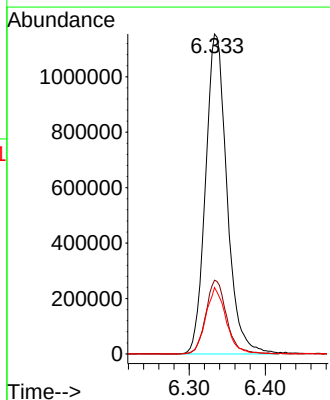
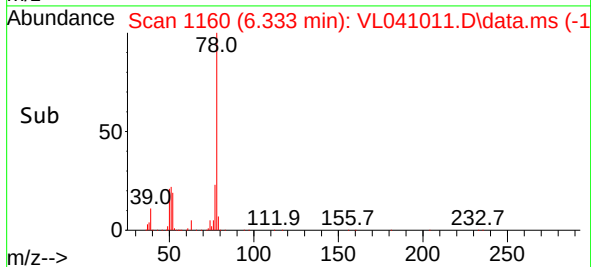
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

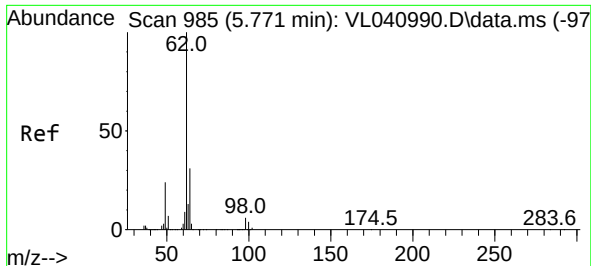


#36
Benzene
Concen: 9.597 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24



Tgt Ion: 78 Resp: 2256523
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4
50 20.7 15.8 23.6





#37

1,2-Dichloroethane

Concen: 9.606 ppbv

RT: 5.774 min Scan# 985

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 137834

Ion Ratio Lower Upper

62 100

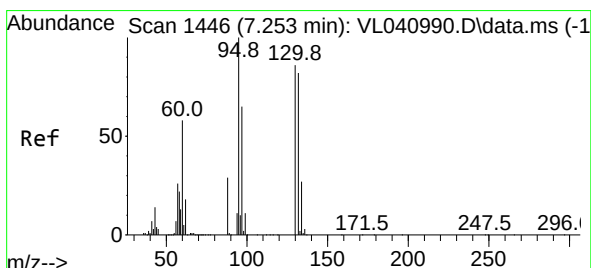
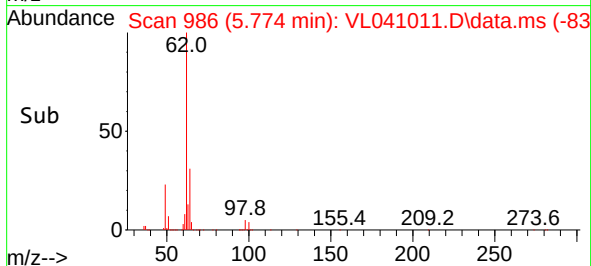
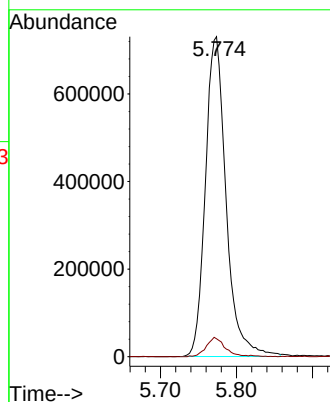
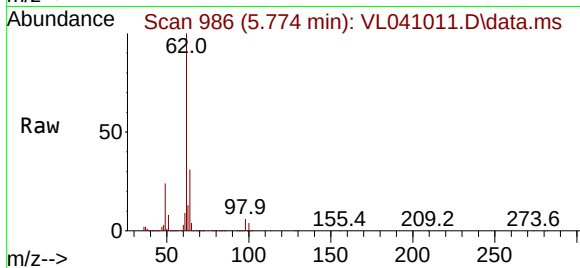
98 5.7 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#38

Trichloroethene

Concen: 9.448 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Tgt Ion:130 Resp: 890551

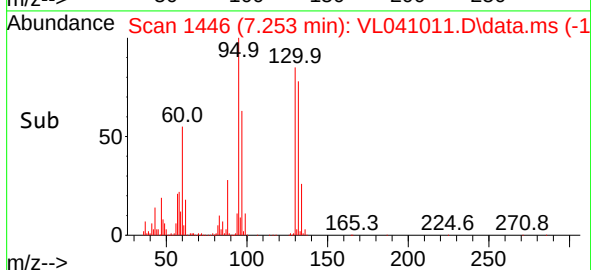
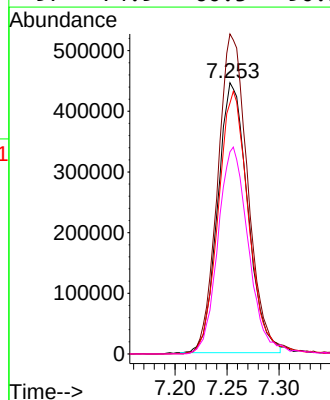
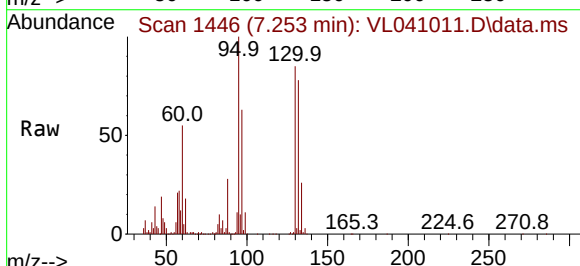
Ion Ratio Lower Upper

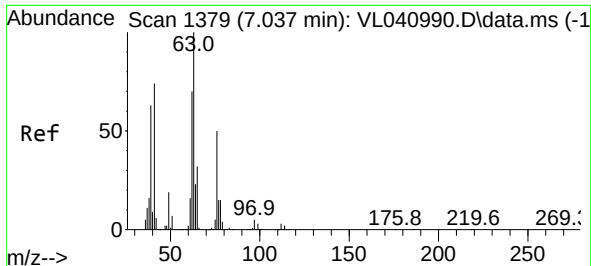
130 100

95 118.5 92.9 139.3

132 92.8 76.2 114.2

97 74.9 60.3 90.5





#39

1,2-Dichloropropane

Concen: 9.470 ppbv

RT: 7.037 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041011.D

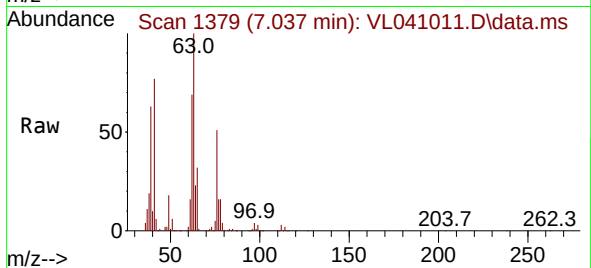
Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 63 Resp: 87714

Ion Ratio Lower Upper

63 100

41 76.3 59.6 89.4

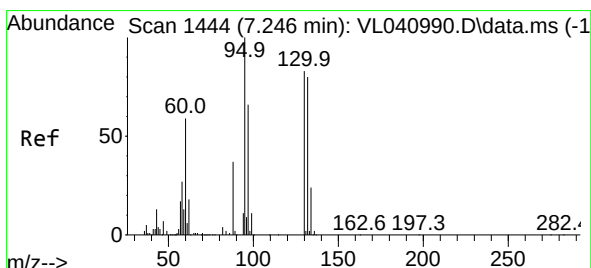
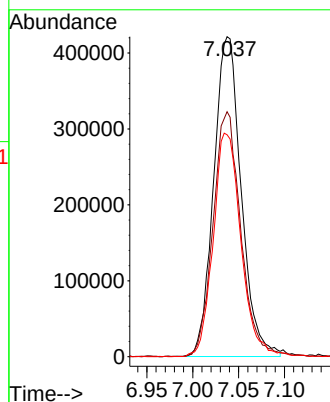
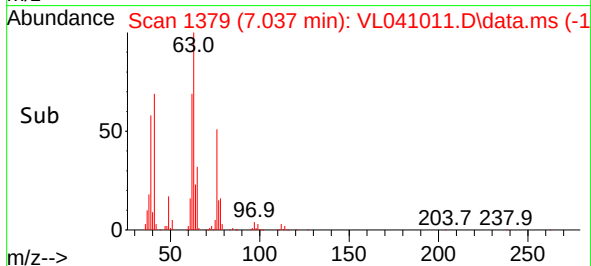
62 69.4 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#40

1,4-Dioxane

Concen: 8.948 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Tgt Ion: 88 Resp: 344241

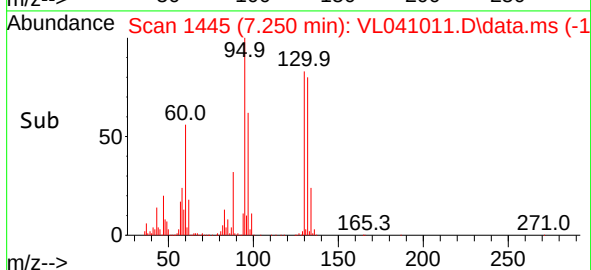
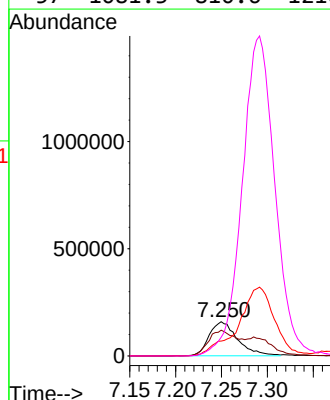
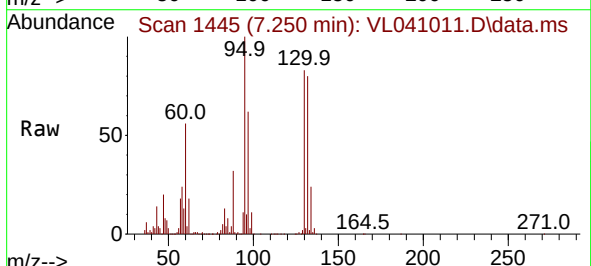
Ion Ratio Lower Upper

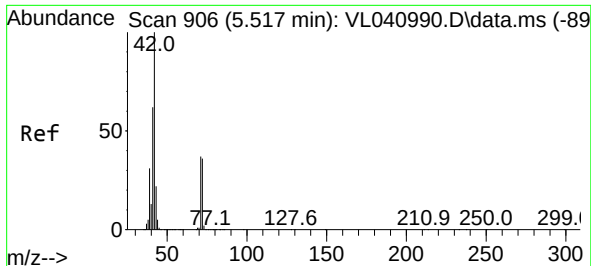
88 100

58 126.5 96.6 144.8

43 256.9 191.0 286.6

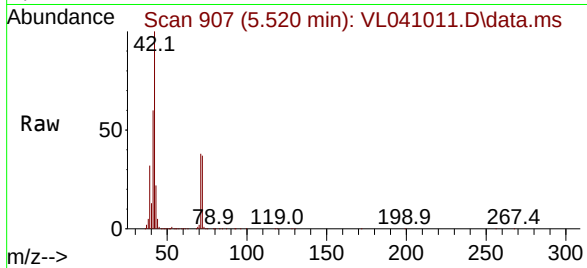
57 1081.3 810.6 1216.0





#41
Tetrahydrofuran
Concen: 9.996 ppbv
RT: 5.520 min Scan# 906
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

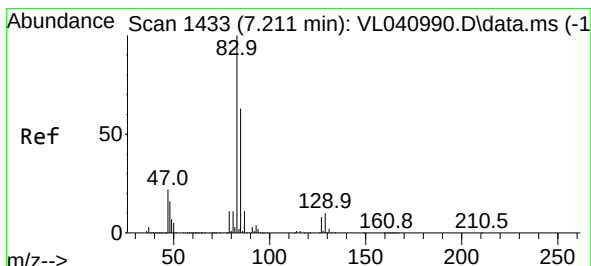
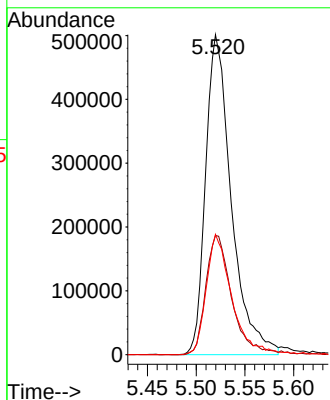
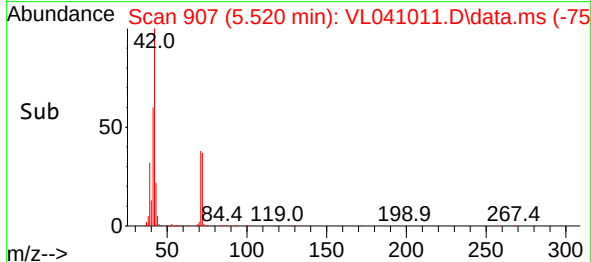
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 920562
Ion Ratio Lower Upper
42 100
72 38.3 30.0 45.0
71 37.7 29.5 44.3

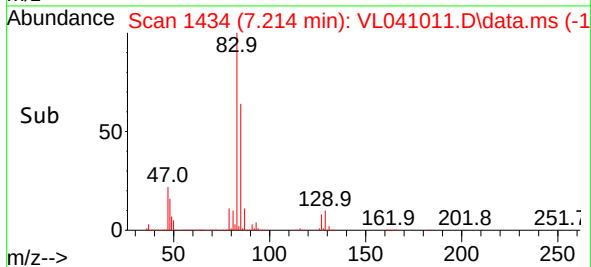
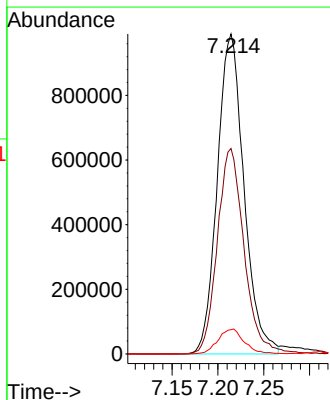
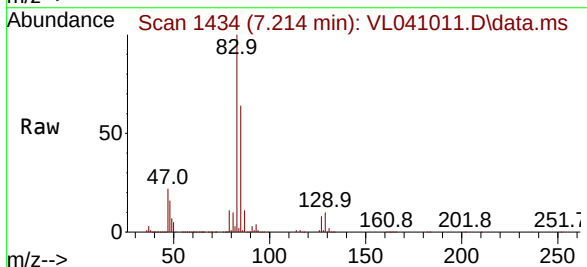
Manual Integrations
APPROVED

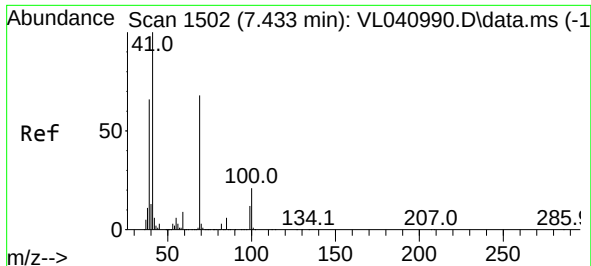
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#42
Bromodichloromethane
Concen: 9.758 ppbv
RT: 7.214 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

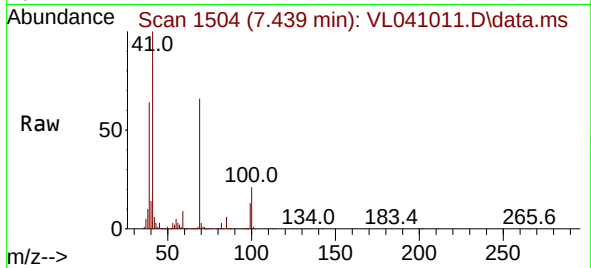
Tgt Ion: 83 Resp: 2003213
Ion Ratio Lower Upper
83 100
85 64.2 50.5 75.7
127 7.6 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.467 ppbv
RT: 7.439 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

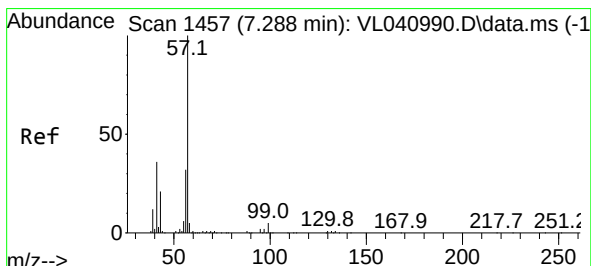
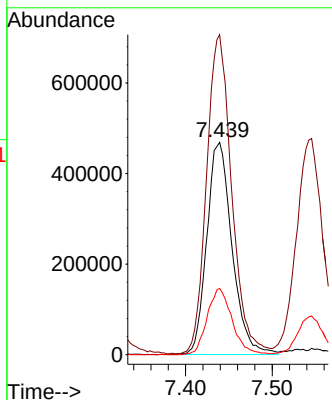
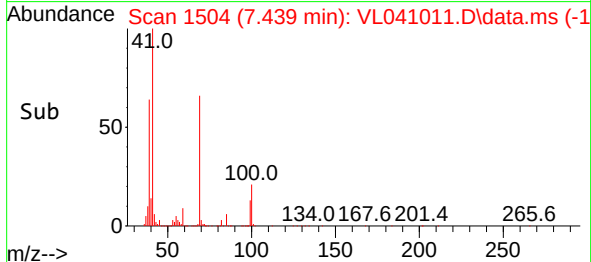
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 949623
Ion Ratio Lower Upper
69 100
41 150.3 120.2 180.2
100 30.9 24.6 36.8

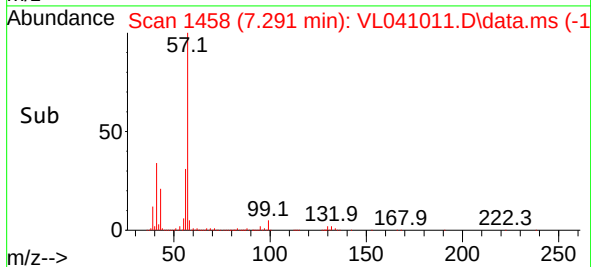
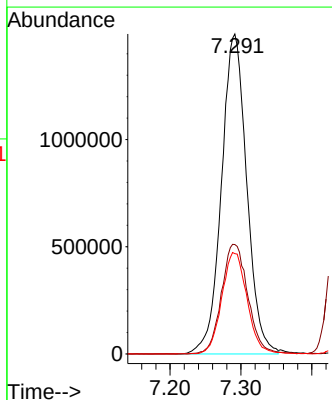
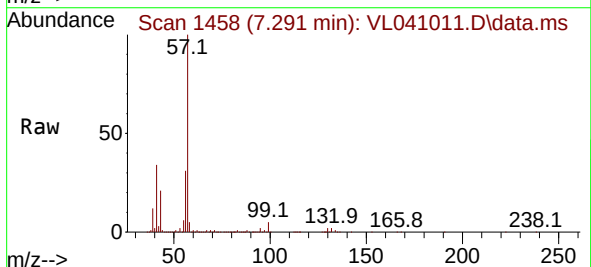
Manual Integrations
APPROVED

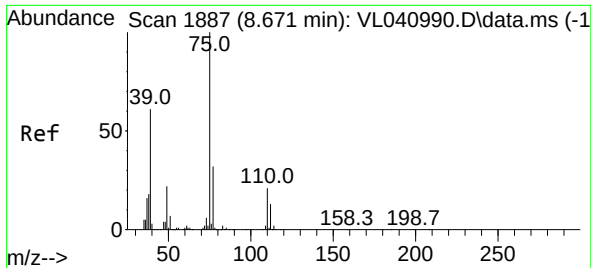
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#44
2,2,4-Trimethylpentane
Concen: 9.358 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Tgt Ion: 57 Resp: 3702233
Ion Ratio Lower Upper
57 100
41 35.7 28.6 43.0
56 31.8 25.2 37.8





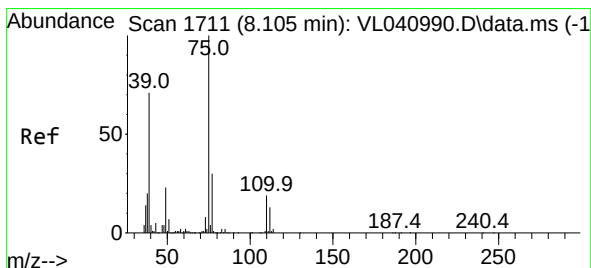
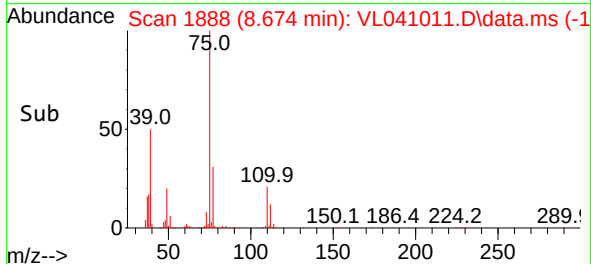
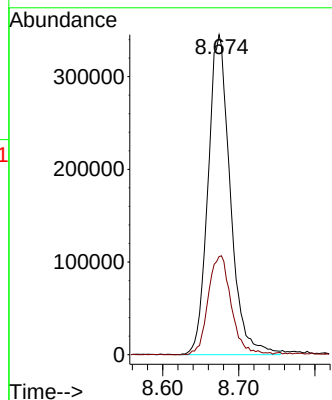
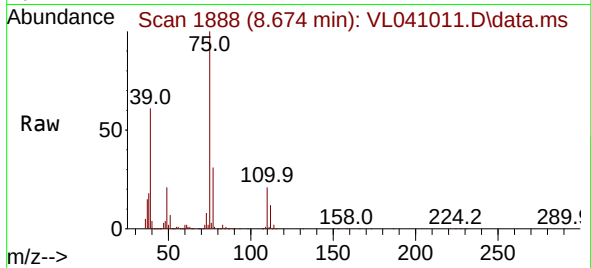
#45
 t-1,3-Dichloropropene
 Concen: 11.307 ppbv
 RT: 8.674 min Scan# 1887
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 700945
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9

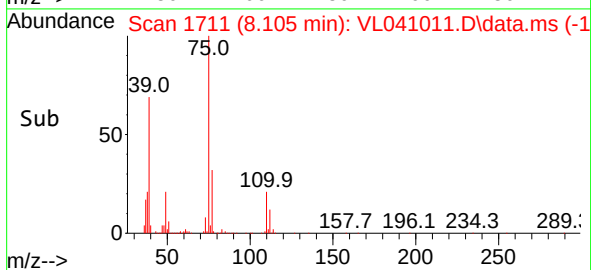
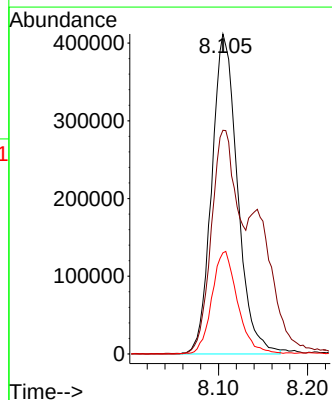
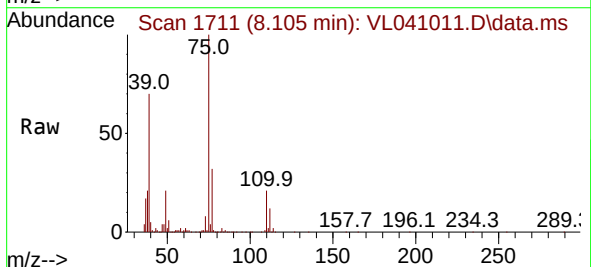
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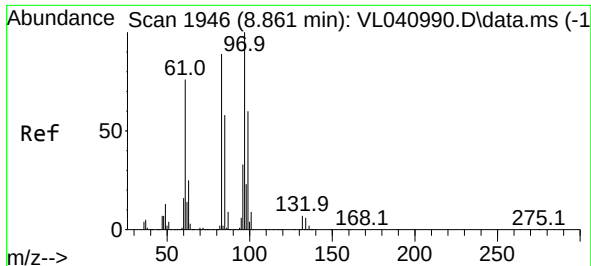
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#46
 cis-1,3-Dichloropropene
 Concen: 10.694 ppbv
 RT: 8.105 min Scan# 1711
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

Tgt Ion: 75 Resp: 826725
 Ion Ratio Lower Upper
 75 100
 39 69.8 57.3 85.9
 77 31.5 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 9.542 ppbv

RT: 8.861 min Scan# 1946

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 95258

Ion Ratio Lower Upper

97 100

83 88.5 71.5 107.3

85 56.7 46.1 69.1

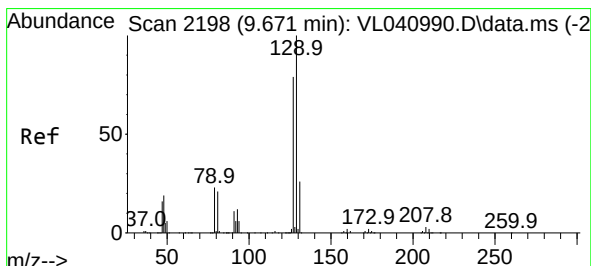
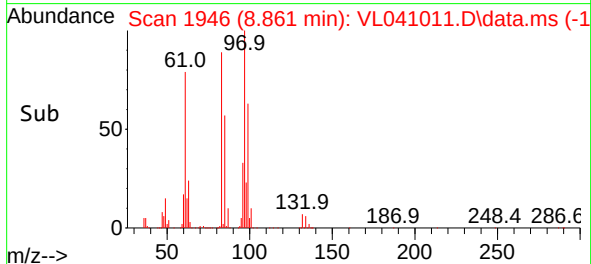
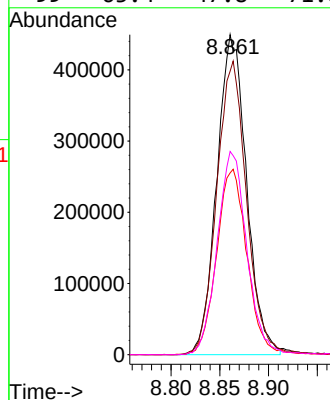
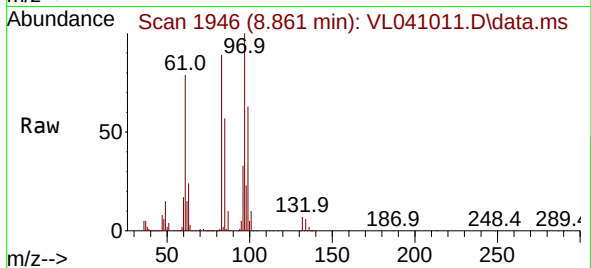
99 63.4 47.8 71.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#48

Dibromochloromethane

Concen: 10.151 ppbv

RT: 9.671 min Scan# 2198

Delta R.T. 0.000 min

Lab File: VL041011.D

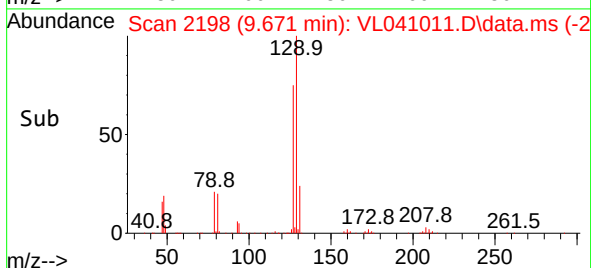
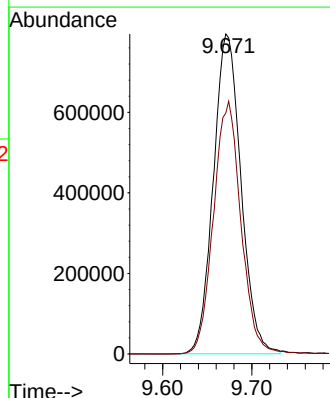
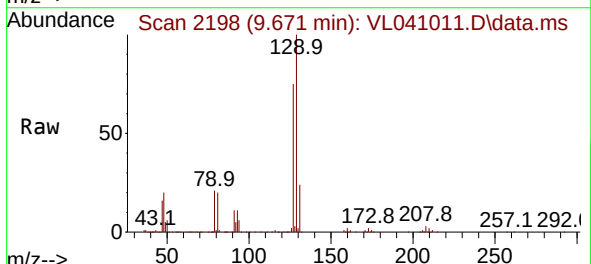
Acq: 24 Jan 2024 11:24

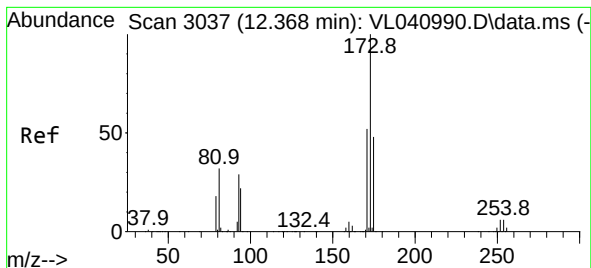
Tgt Ion:129 Resp: 1713344

Ion Ratio Lower Upper

129 100

127 78.7 39.6 119.0





#49

Bromoform

Concen: 10.588 ppbv

RT: 12.372 min Scan# 3037

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 140180

Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.4

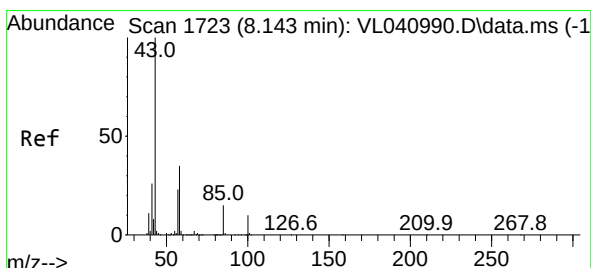
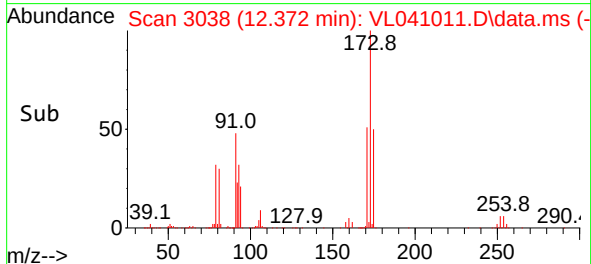
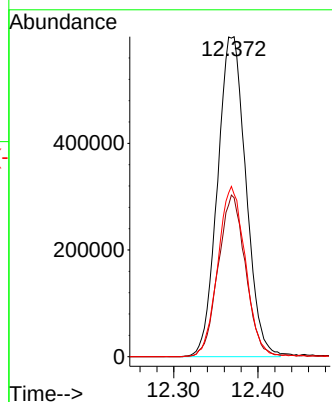
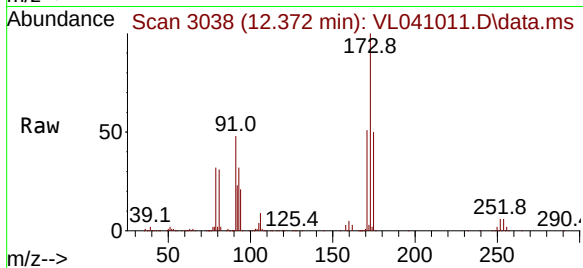
171 52.1 42.0 63.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#50

4-Methyl-2-Pentanone

Concen: 10.065 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VL041011.D

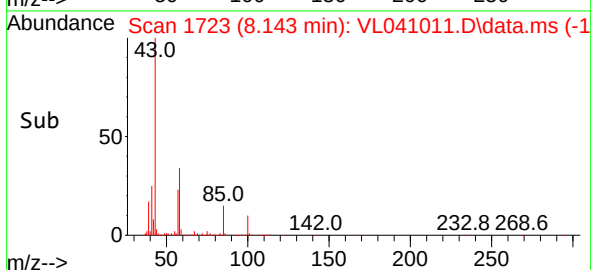
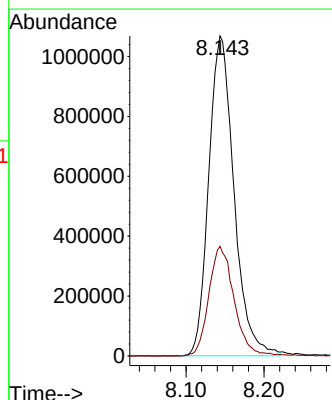
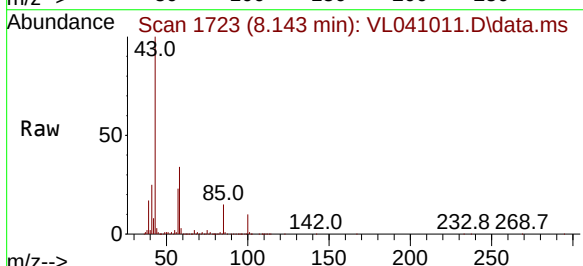
Acq: 24 Jan 2024 11:24

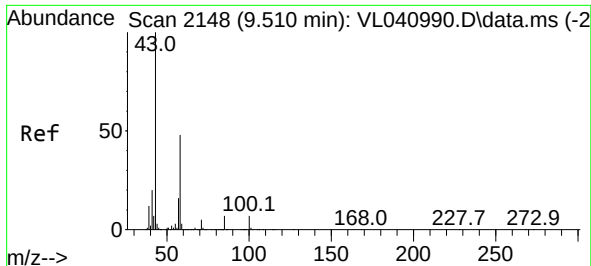
Tgt Ion: 43 Resp: 2403986

Ion Ratio Lower Upper

43 100

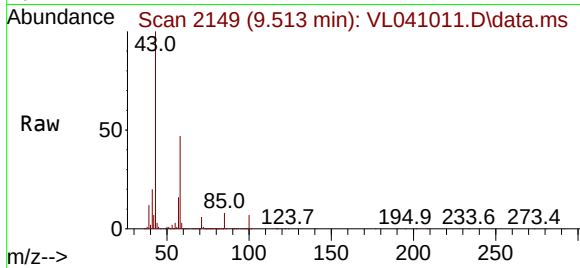
58 34.5 27.8 41.8





#51
2-Hexanone
Concen: 10.290 ppbv
RT: 9.513 min Scan# 2148
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

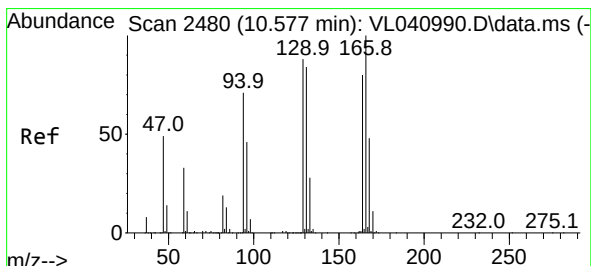
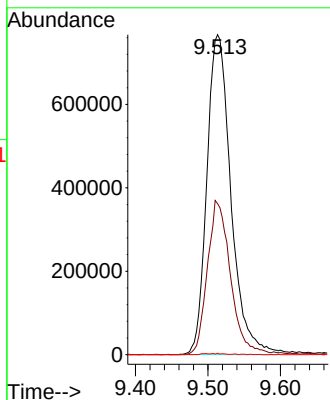
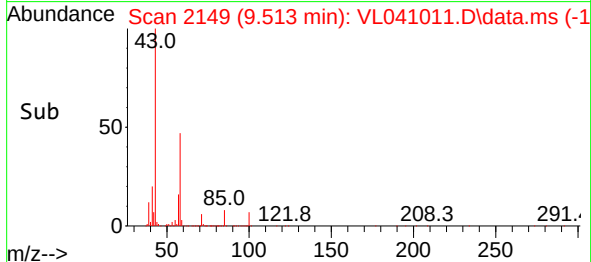
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 177166
Ion Ratio Lower Upper
43 100
58 46.6 36.8 55.2
98 0.4 0.3 0.5

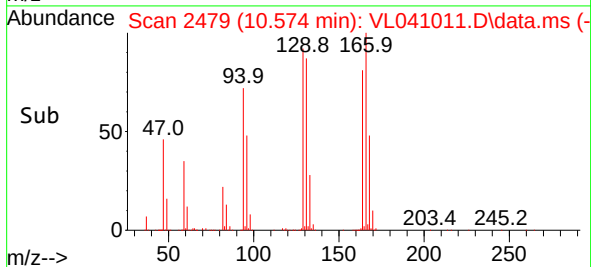
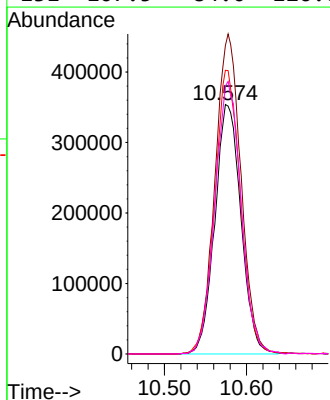
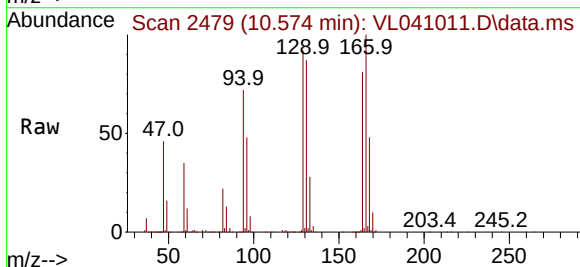
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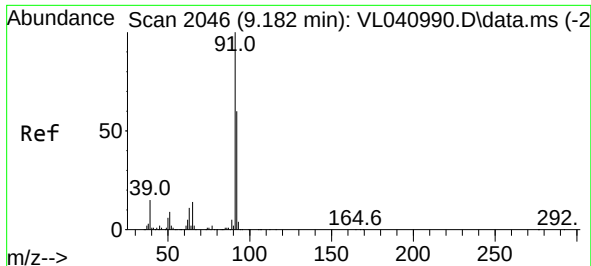
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#52
Tetrachloroethene
Concen: 10.014 ppbv
RT: 10.574 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

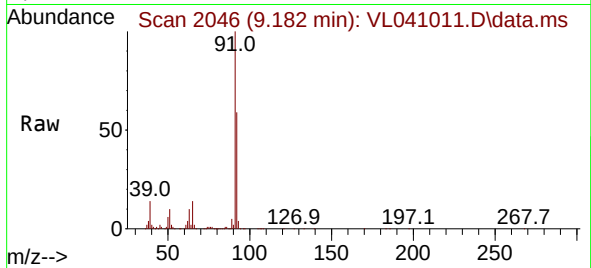
Tgt Ion:164 Resp: 781870
Ion Ratio Lower Upper
164 100
166 123.6 100.2 150.2
129 113.7 87.9 131.9
131 107.5 84.0 126.0





#53
Toluene
Concen: 10.084 ppbv
RT: 9.182 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

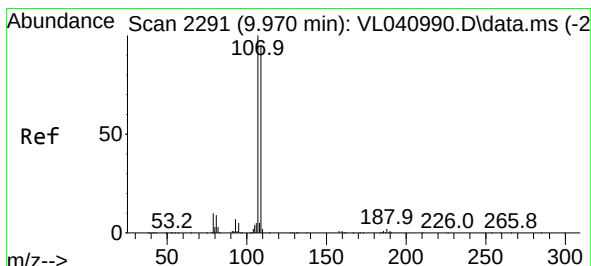
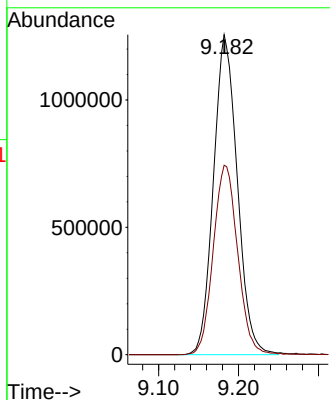
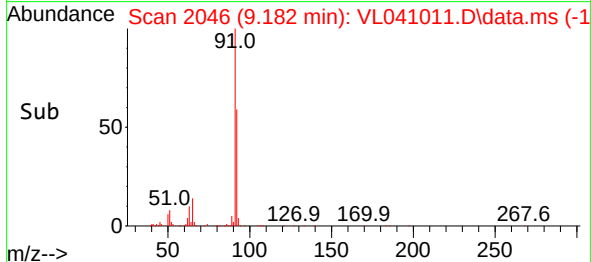
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



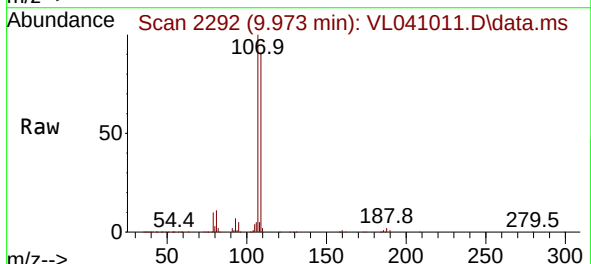
Tgt Ion: 91 Resp: 2597348
Ion Ratio Lower Upper
91 100
92 60.9 48.6 72.8

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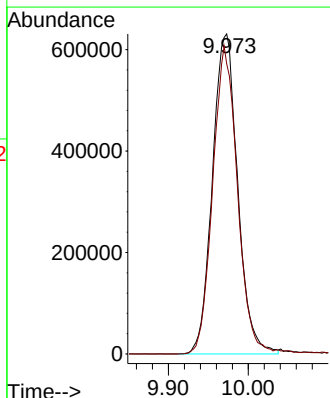
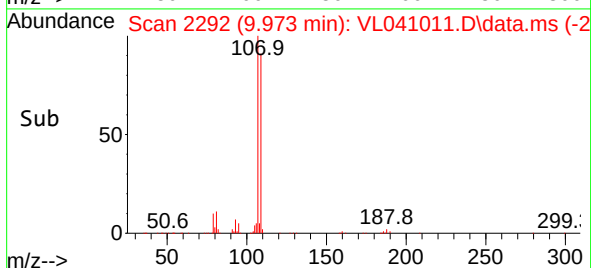
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

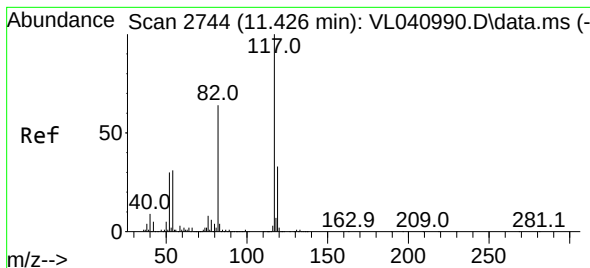


#54
1,2-Dibromoethane
Concen: 10.245 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24



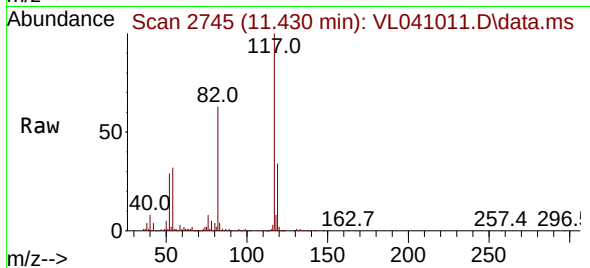
Tgt Ion:107 Resp: 1385249
Ion Ratio Lower Upper
107 100
109 90.7 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.430 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

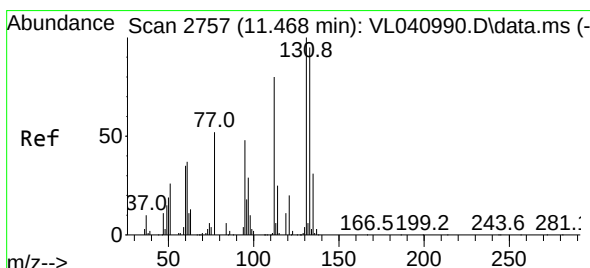
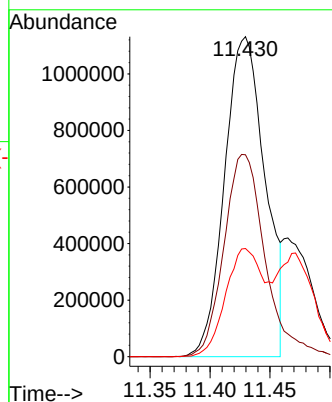
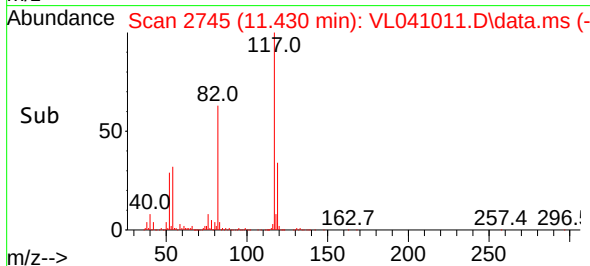
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



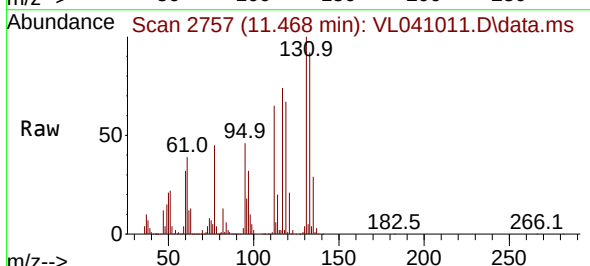
Tgt Ion:117 Resp: 2662768
Ion Ratio Lower Upper
117 100
82 64.9 51.7 77.5
119 31.3 23.8 35.6

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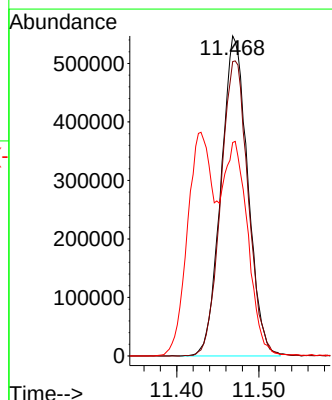
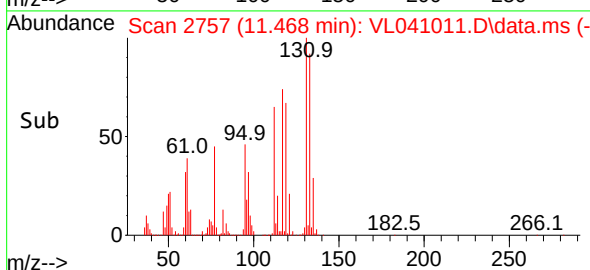
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

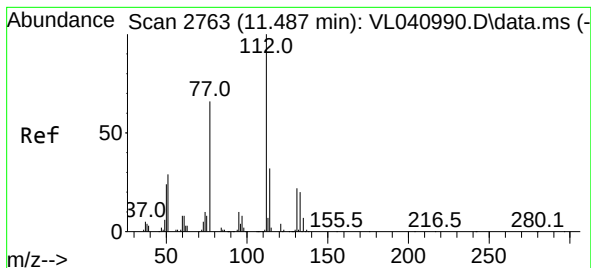


#56
1,1,1,2-Tetrachloroethane
Concen: 9.699 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24



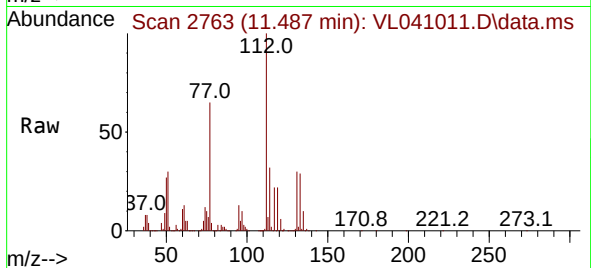
Tgt Ion:131 Resp: 1239123
Ion Ratio Lower Upper
131 100
133 94.8 75.9 113.9
119 64.1 49.2 73.8





#57
Chlorobenzene
Concen: 9.587 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

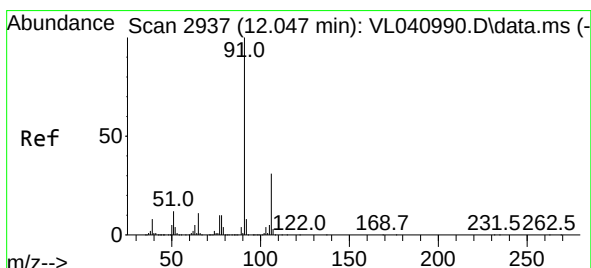
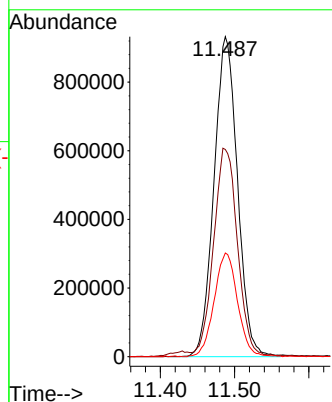
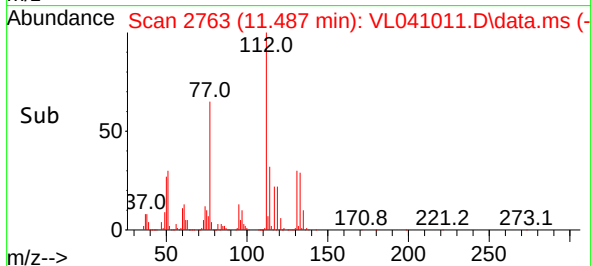
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 205338
Ion Ratio Lower Upper
112 100
77 64.3 53.4 80.0
114 32.3 29.1 35.5

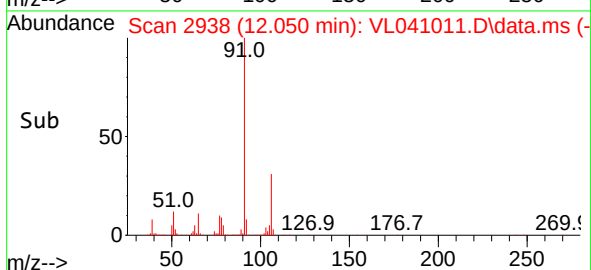
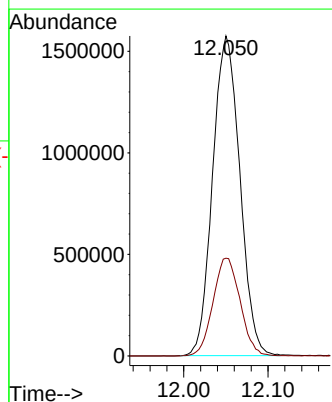
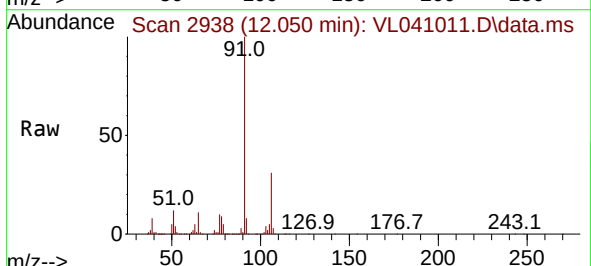
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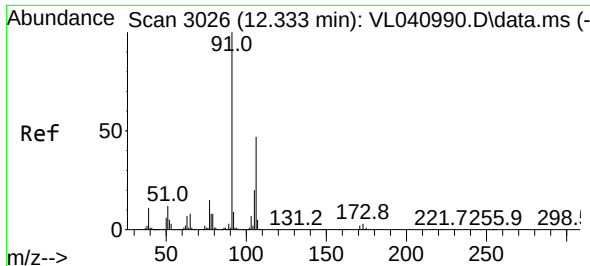
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#58
Ethyl Benzene
Concen: 9.874 ppbv
RT: 12.050 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Tgt Ion: 91 Resp: 3530528
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2





#59

m/p-Xylene

Concen: 19.446 ppbv m

RT: 12.333 min Scan# 3026

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 606260

Ion Ratio Lower Upper

91 100

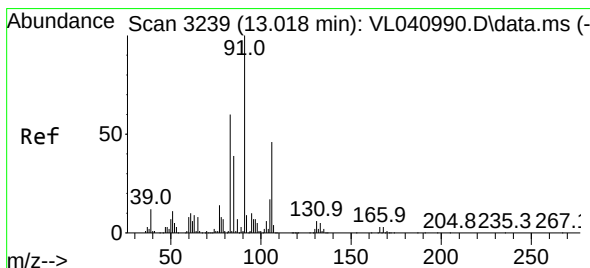
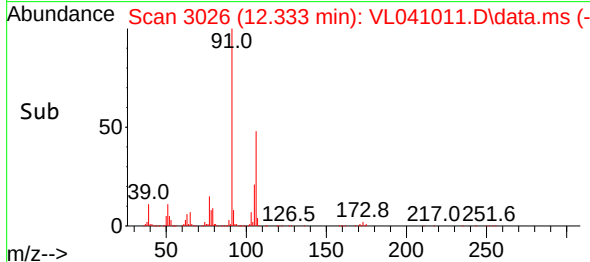
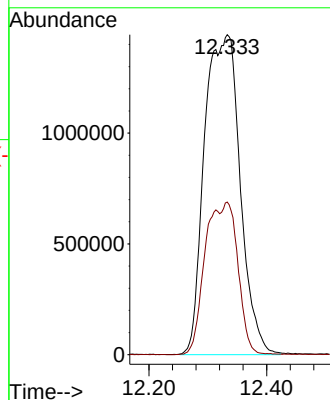
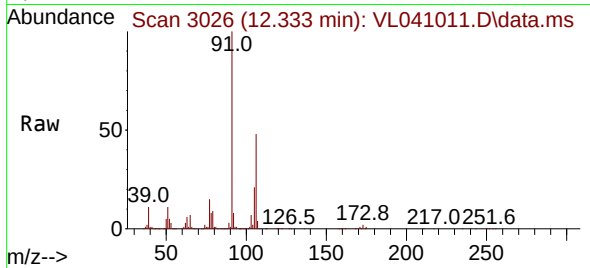
106 44.0 34.9 52.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#60

o-Xylene

Concen: 9.700 ppbv

RT: 13.024 min Scan# 3241

Delta R.T. 0.000 min

Lab File: VL041011.D

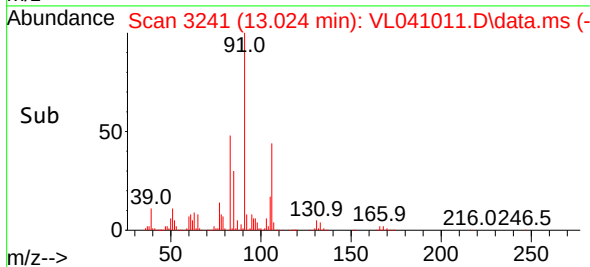
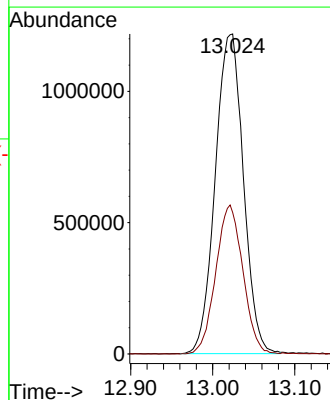
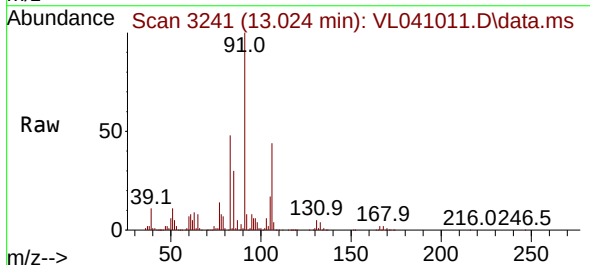
Acq: 24 Jan 2024 11:24

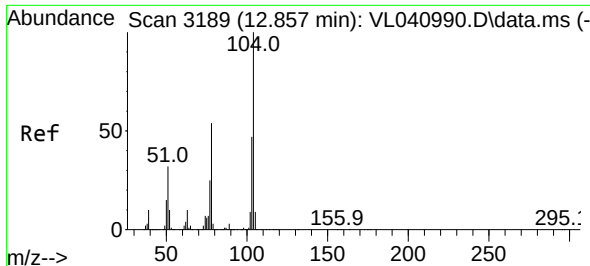
Tgt Ion: 91 Resp: 2901527

Ion Ratio Lower Upper

91 100

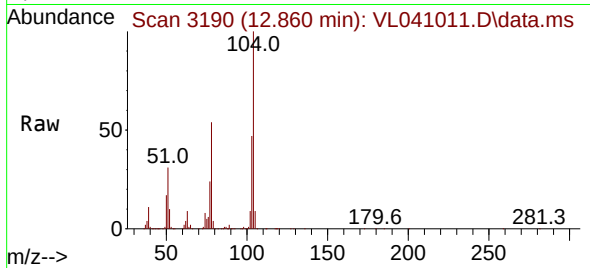
106 45.1 22.6 67.7





#61
Styrene
Concen: 10.952 ppbv
RT: 12.860 min Scan# 3189
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

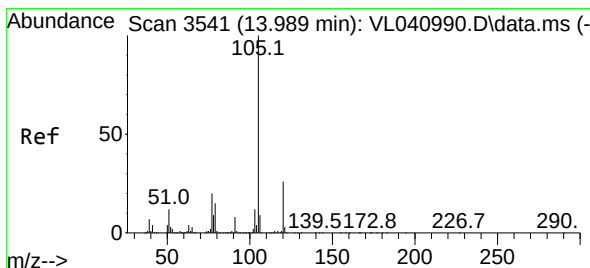
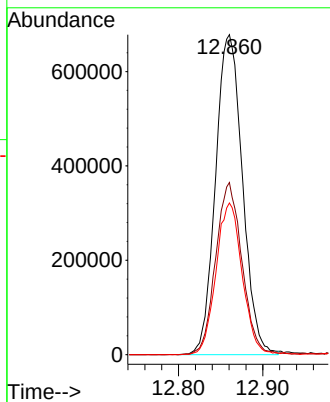
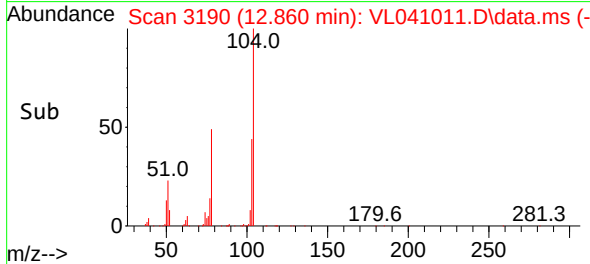
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



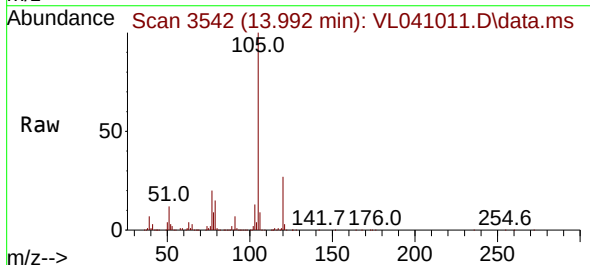
Tgt Ion:104 Resp: 150427
Ion Ratio Lower Upper
104 100
78 52.7 42.7 64.1
103 46.3 37.6 56.4

Manual Integrations
APPROVED

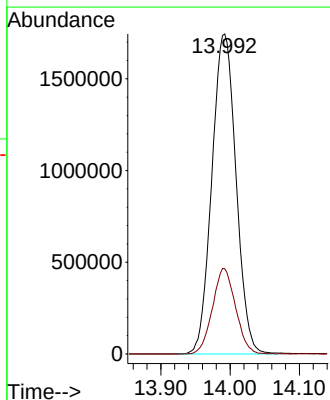
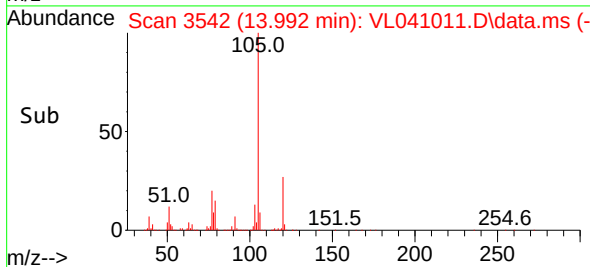
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

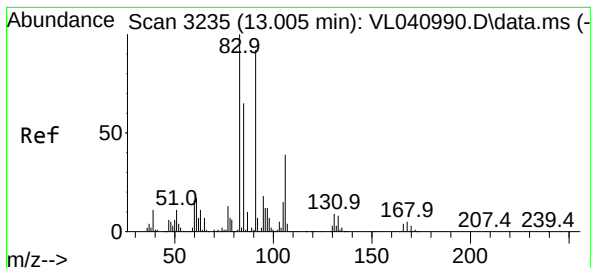


#62
Isopropylbenzene
Concen: 9.556 ppbv
RT: 13.992 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24



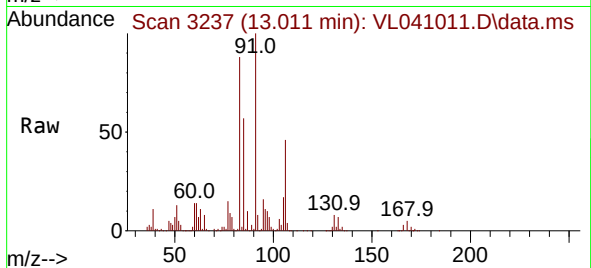
Tgt Ion:105 Resp: 4227305
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 9.193 ppbv
RT: 13.011 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

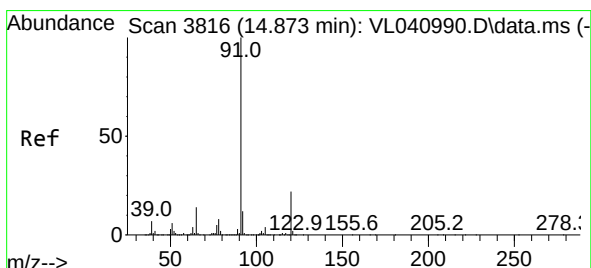
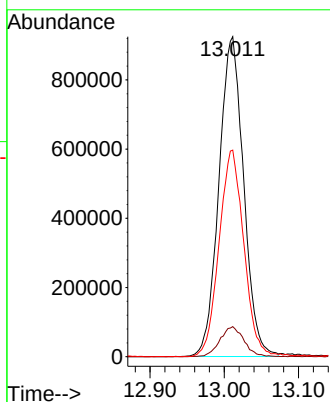
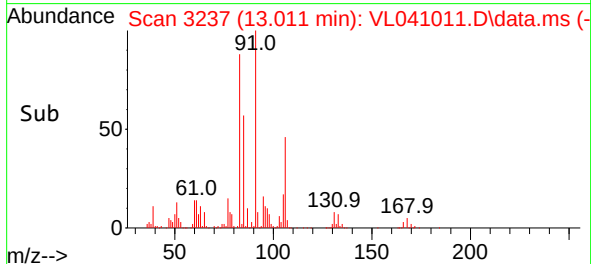
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



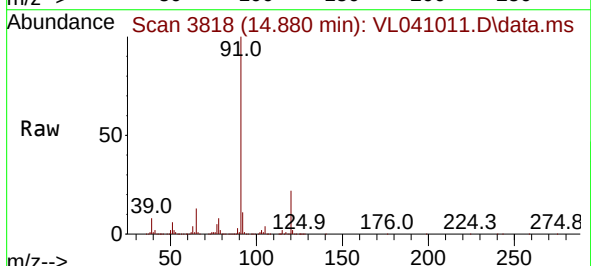
Tgt Ion: 83 Resp: 213705
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 65.1 33.0 99.0

Manual Integrations
APPROVED

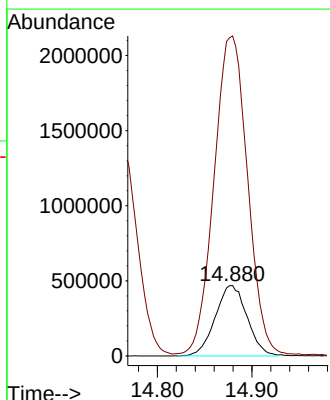
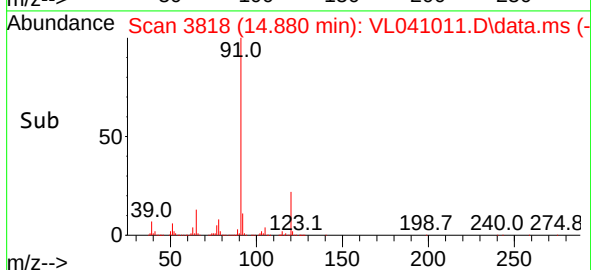
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

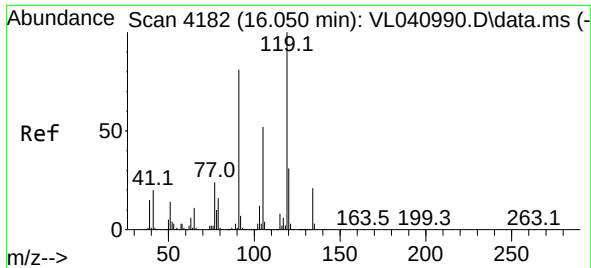


#64
n-propylbenzene
Concen: 9.776 ppbv
RT: 14.880 min Scan# 3818
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24



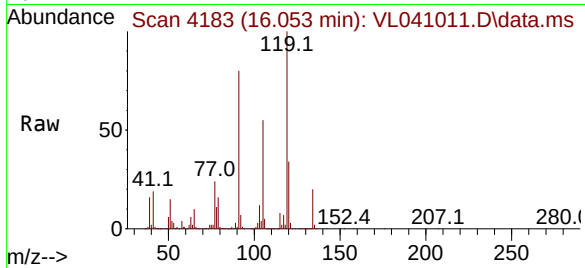
Tgt Ion:120 Resp: 1092560
Ion Ratio Lower Upper
120 100
91 485.4 390.6 585.8





#65
tert-Butylbenzene
Concen: 9.670 ppbv
RT: 16.053 min Scan# 4182
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

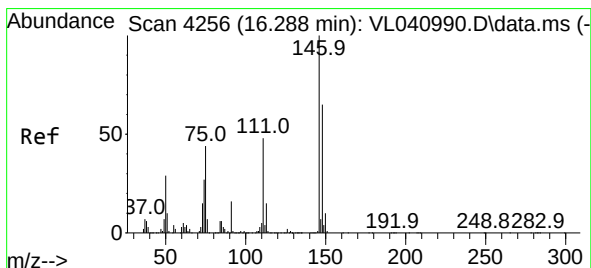
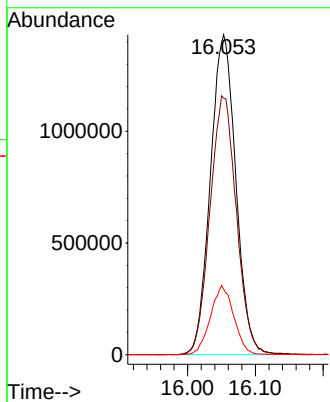
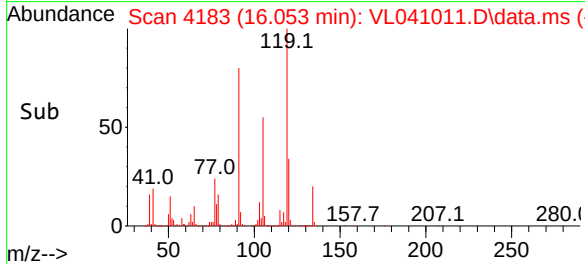
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 119 Resp: 3737270
Ion Ratio Lower Upper
119 100
91 84.0 67.6 101.4
134 19.9 16.1 24.1

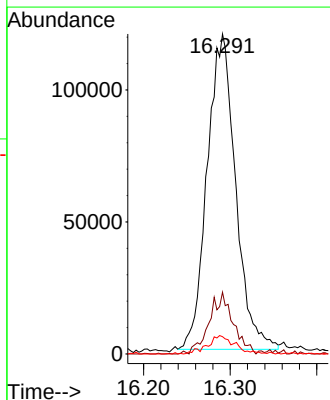
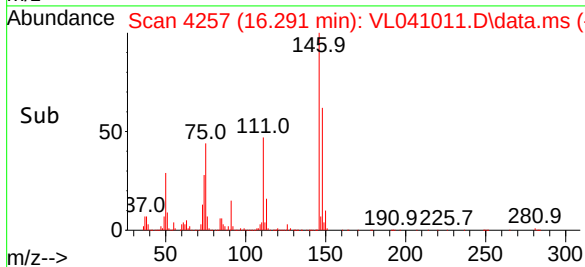
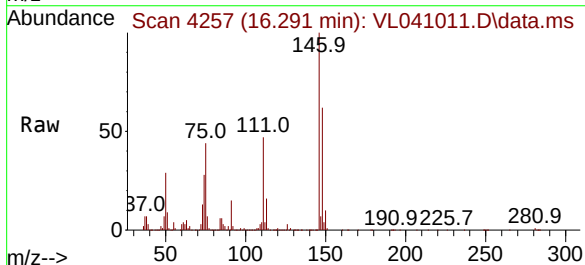
Manual Integrations
APPROVED

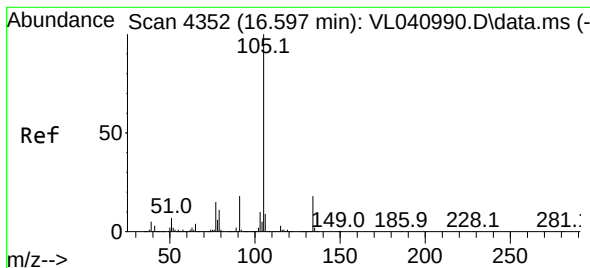
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#66
Benzyl Chloride
Concen: 10.774 ppbv
RT: 16.291 min Scan# 4257
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

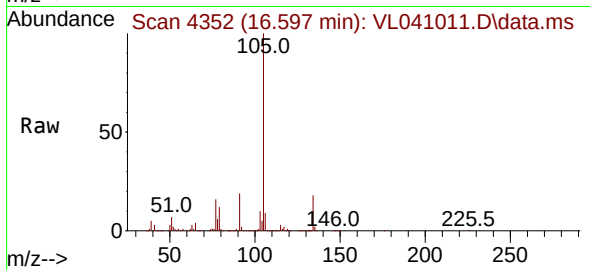
Tgt Ion: 91 Resp: 272862
Ion Ratio Lower Upper
91 100
126 16.6 13.6 20.4
128 5.7 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.391 ppbv
 RT: 16.597 min Scan# 4352
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

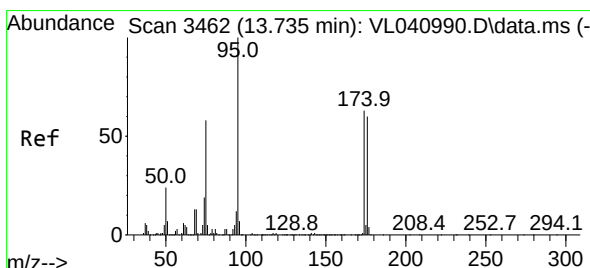
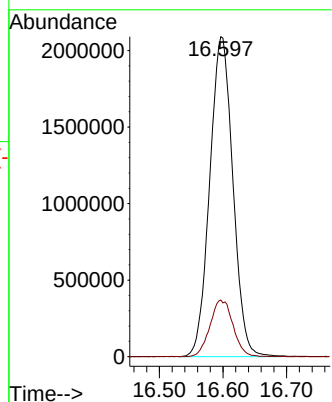
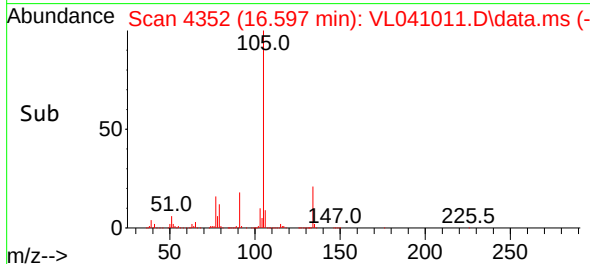
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 5284785
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.2 21.4

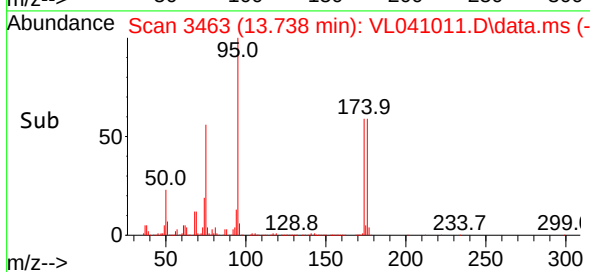
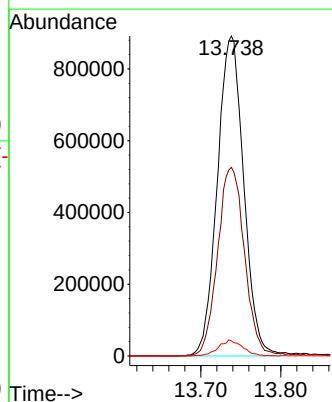
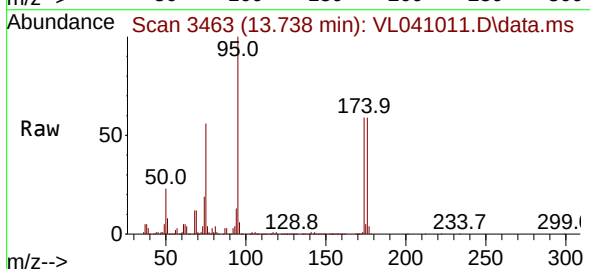
Manual Integrations
 APPROVED

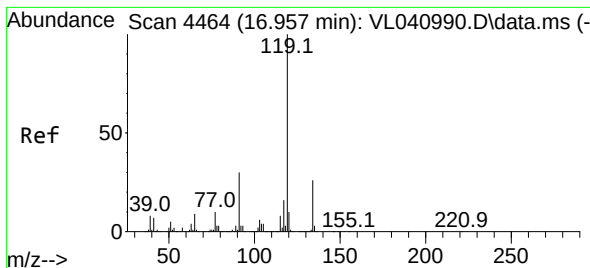
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.143 ppbv
 RT: 13.738 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

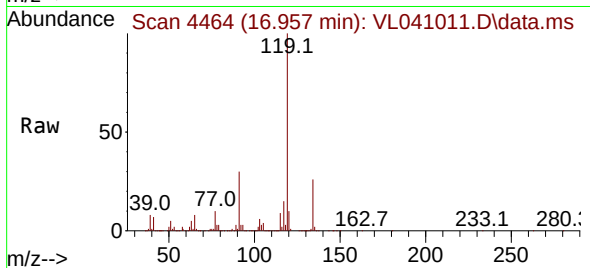
Tgt Ion: 95 Resp: 2039974
 Ion Ratio Lower Upper
 95 100
 174 60.3 49.1 73.7
 175 4.6 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.800 ppbv
RT: 16.957 min Scan# 4464
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

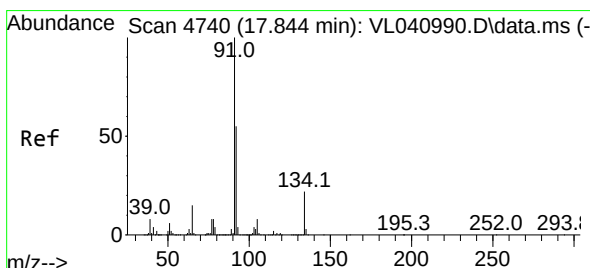
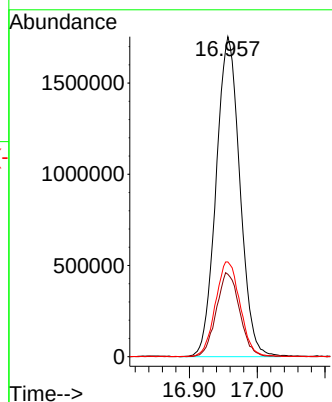
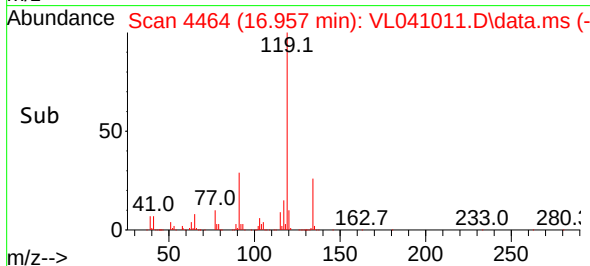
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



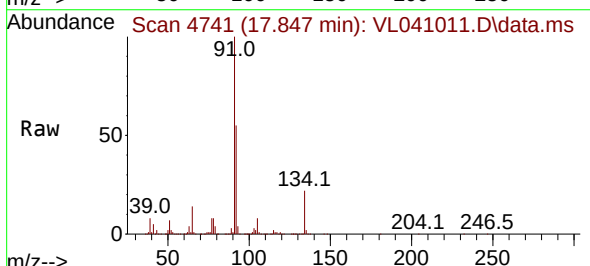
Tgt Ion: 119 Resp: 4272220
Ion Ratio Lower Upper
119 100
134 25.9 20.6 30.8
91 30.8 24.5 36.7

Manual Integrations
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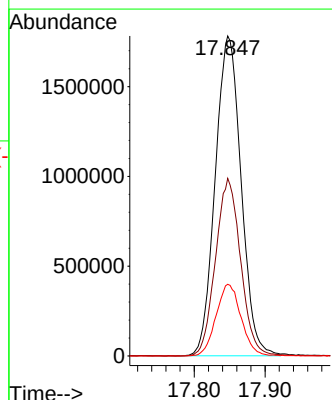
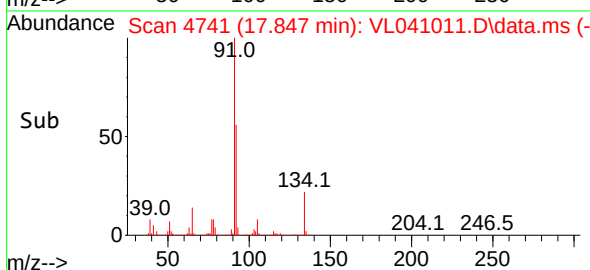
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

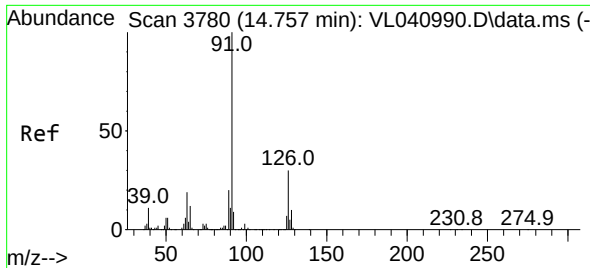


#70
n-Butylbenzene
Concen: 9.600 ppbv
RT: 17.847 min Scan# 4741
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24



Tgt Ion: 91 Resp: 4522111
Ion Ratio Lower Upper
91 100
92 53.9 43.4 65.0
134 21.8 17.4 26.0





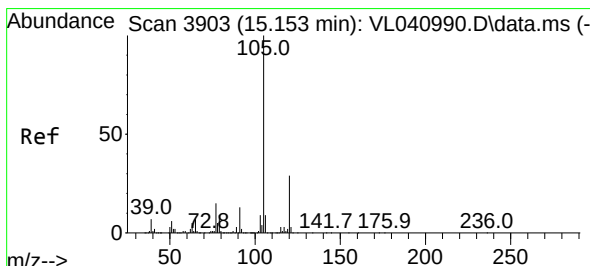
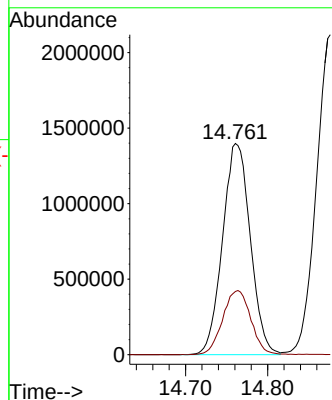
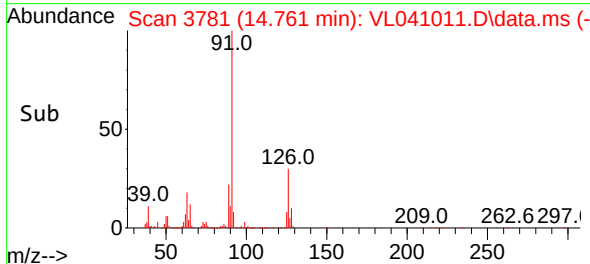
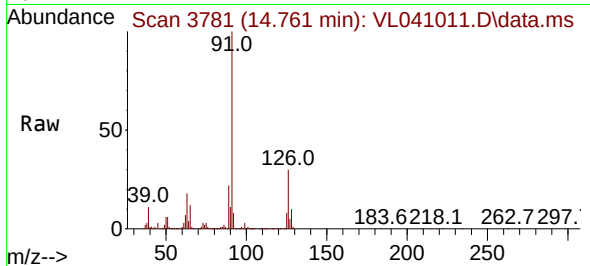
#71
2-Chlorotoluene
Concen: 9.641 ppbv
RT: 14.761 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3290740
Ion Ratio Lower Upper
91 100
126 30.9 12.3 49.1

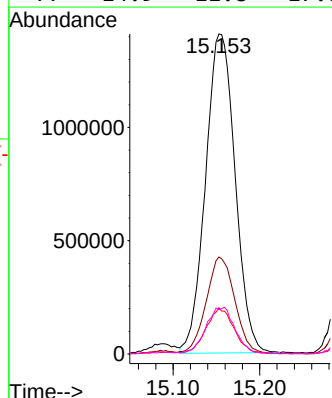
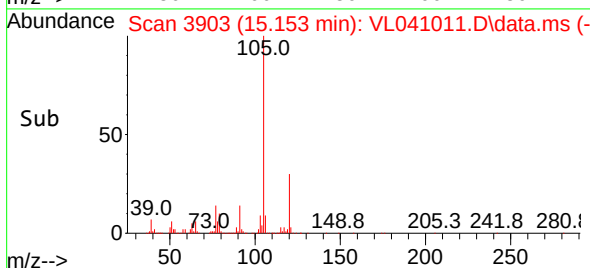
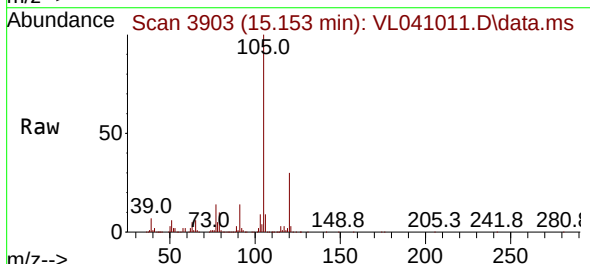
Manual Integrations
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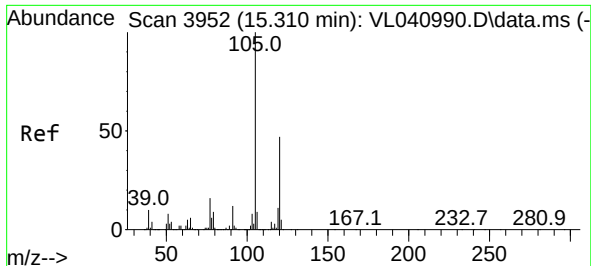
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#72
4-Ethyltoluene
Concen: 10.011 ppbv
RT: 15.153 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

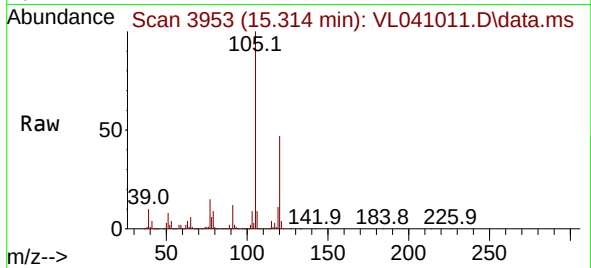
Tgt Ion:105 Resp: 3344172
Ion Ratio Lower Upper
105 100
120 30.5 24.3 36.5
91 13.8 11.0 16.4
77 14.9 11.8 17.8





#73
1,3,5-Trimethylbenzene
Concen: 9.715 ppbv
RT: 15.314 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

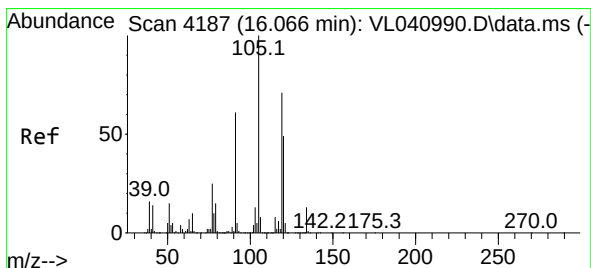
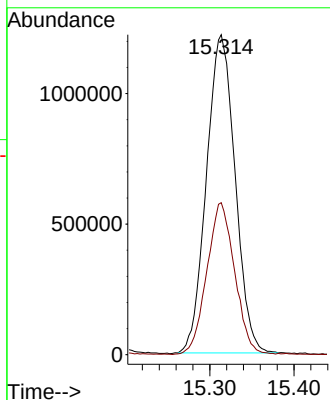
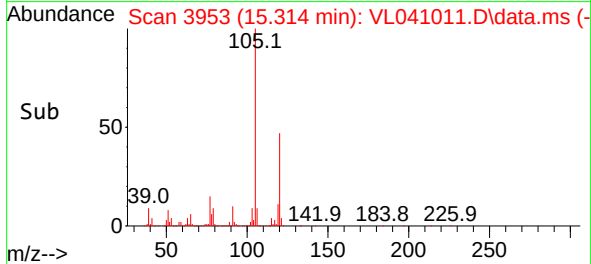
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:105 Resp: 2880150
Ion Ratio Lower Upper
105 100
120 47.4 37.2 55.8

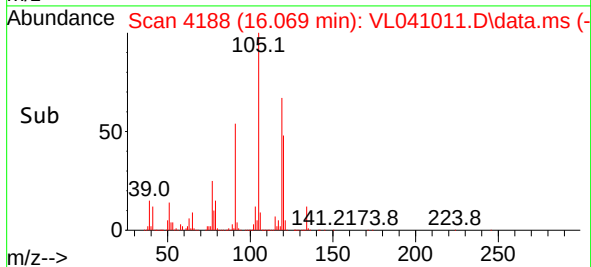
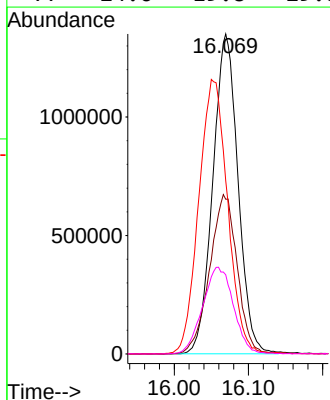
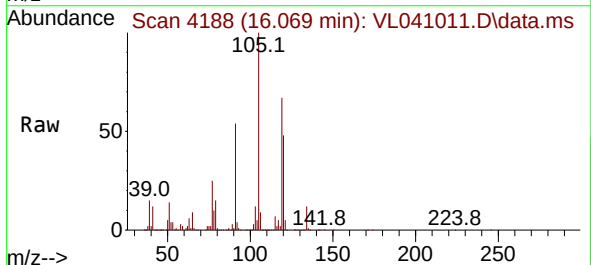
Manual Integrations
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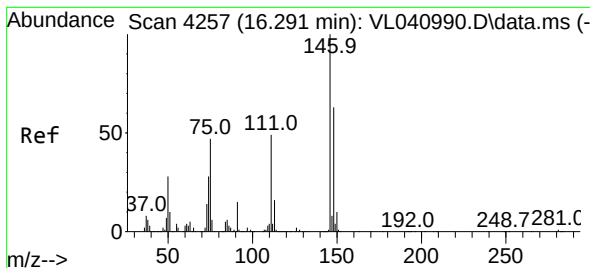
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#74
1,2,4-Trimethylbenzene
Concen: 9.468 ppbv
RT: 16.069 min Scan# 4188
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

Tgt Ion:105 Resp: 3182241
Ion Ratio Lower Upper
105 100
120 48.1 39.3 58.9
91 53.8 48.7 73.1
77 24.6 19.8 29.8





#75

1,3-Dichlorobenzene

Concen: 9.592 ppbv

RT: 16.291 min Scan# 4257

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1834662

Ion Ratio Lower Upper

146 100

111 48.5 24.4 73.2

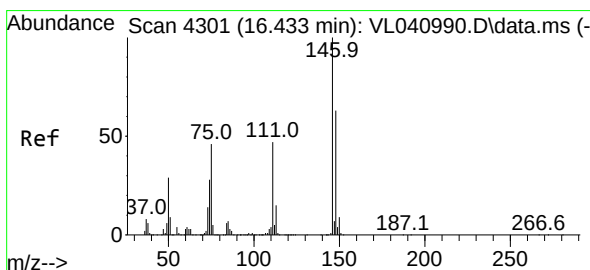
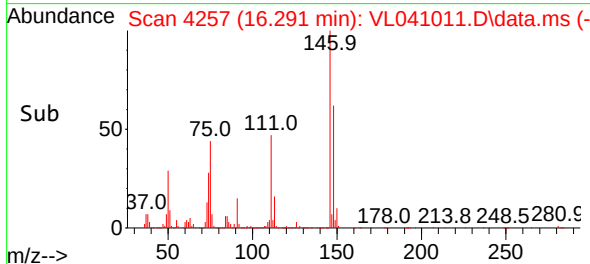
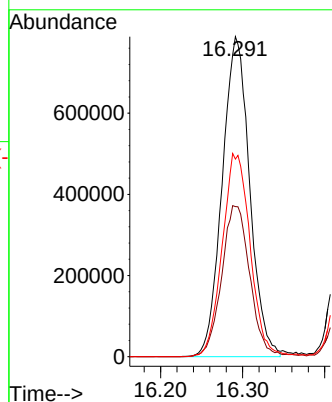
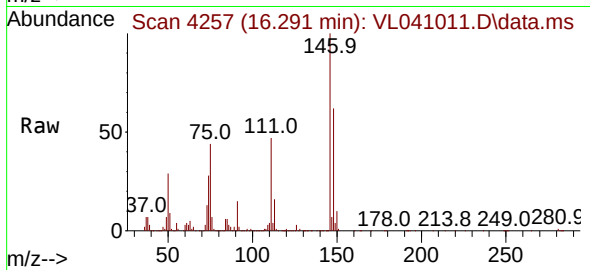
148 64.9 32.5 97.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#76

1,4-Dichlorobenzene

Concen: 9.385 ppbv

RT: 16.433 min Scan# 4301

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

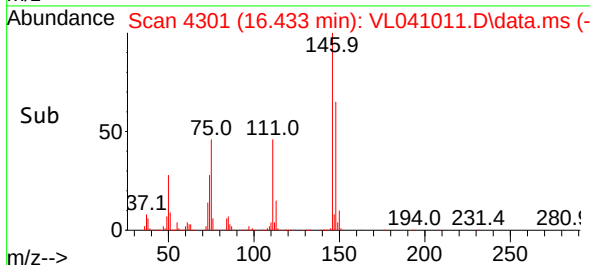
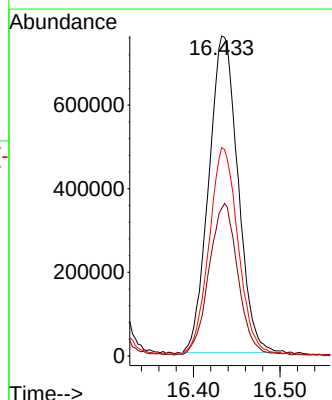
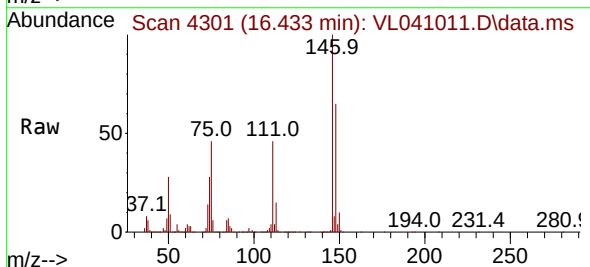
Tgt Ion:146 Resp: 1771283

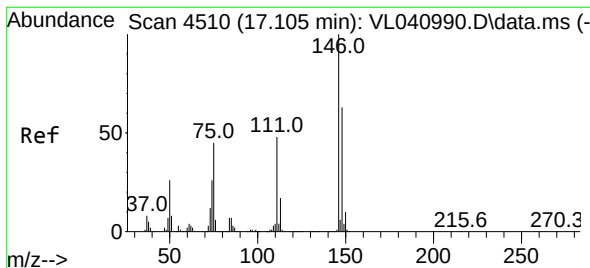
Ion Ratio Lower Upper

146 100

111 48.9 24.0 72.0

148 67.0 32.9 98.7





#77

1,2-Dichlorobenzene

Concen: 9.341 ppbv

RT: 17.105 min Scan# 4510

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 177583

Ion Ratio Lower Upper

146 100

111 49.9 24.8 74.3

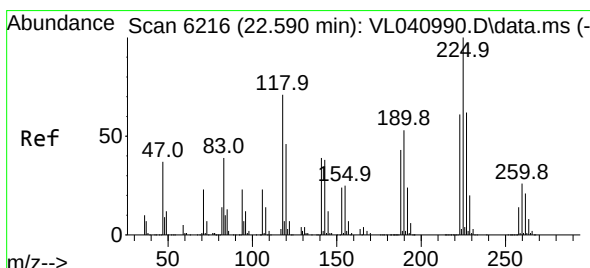
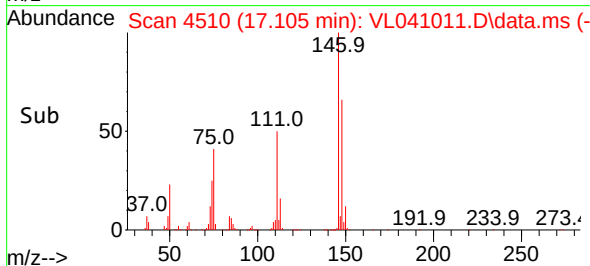
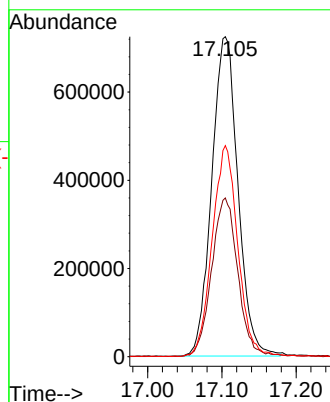
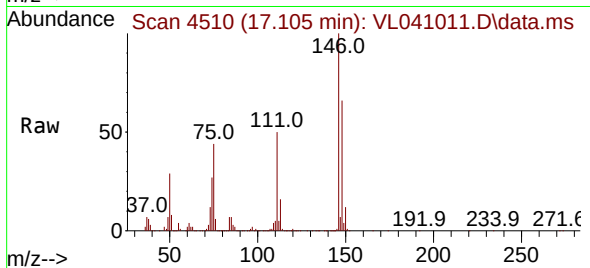
148 64.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.365 ppbv

RT: 22.590 min Scan# 6216

Delta R.T. 0.000 min

Lab File: VL041011.D

Acq: 24 Jan 2024 11:24

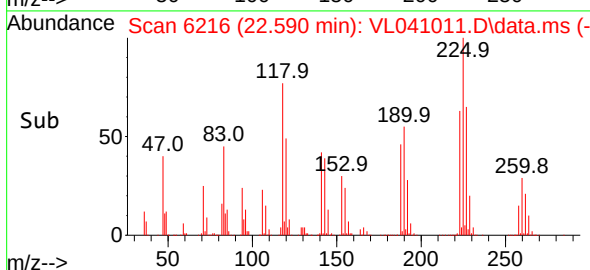
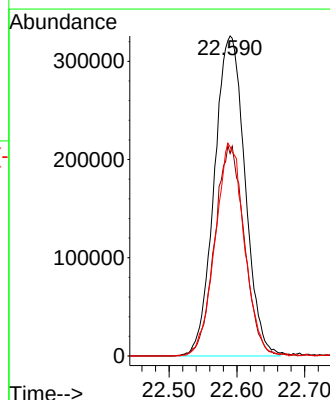
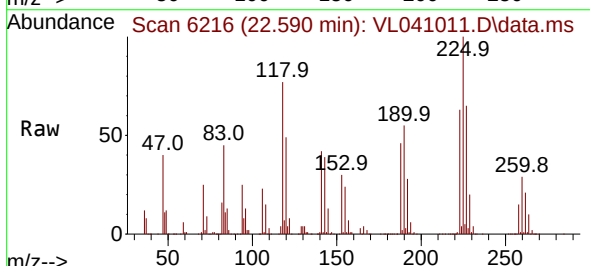
Tgt Ion:225 Resp: 1025582

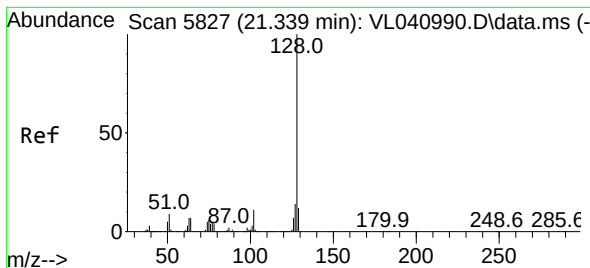
Ion Ratio Lower Upper

225 100

223 64.0 51.1 76.7

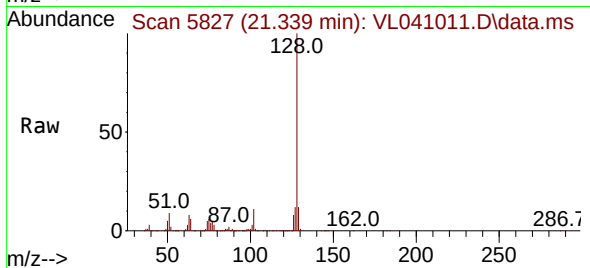
227 63.7 51.0 76.4





#79
Naphthalene
Concen: 12.542 ppbv
RT: 21.339 min Scan# 5827
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

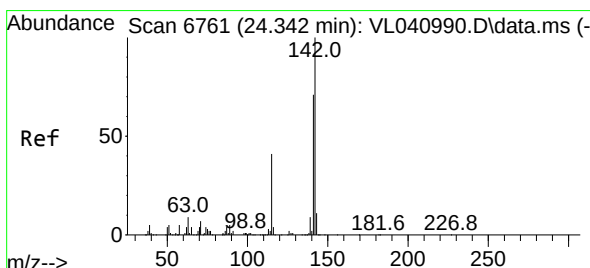
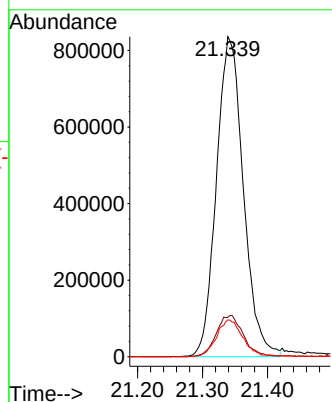
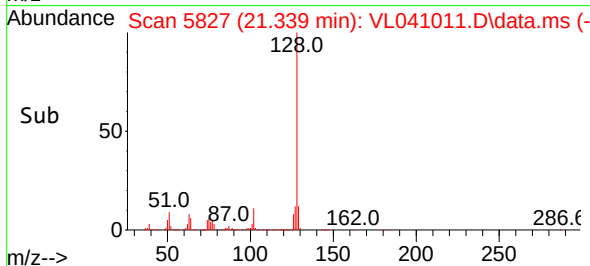
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 2404709
Ion Ratio Lower Upper
128 100
127 12.3 10.9 16.3
129 11.5 9.3 13.9

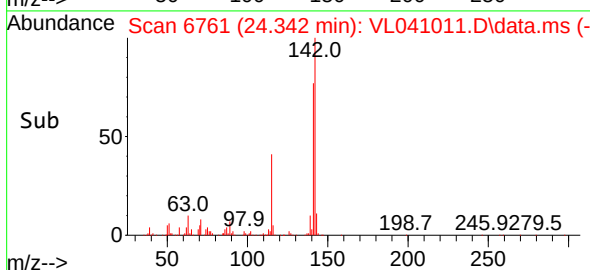
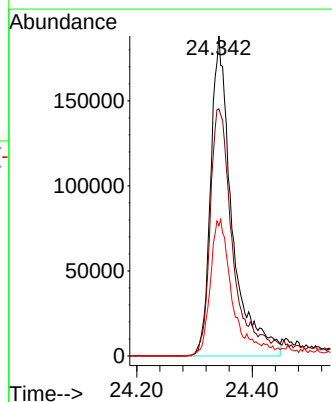
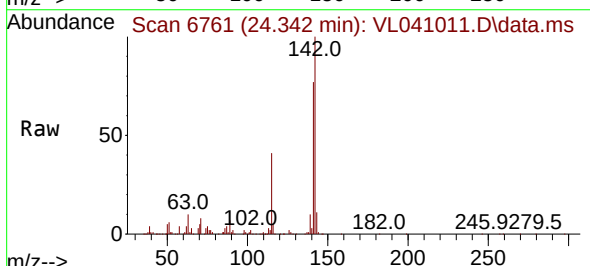
Manual Integrations
APPROVED

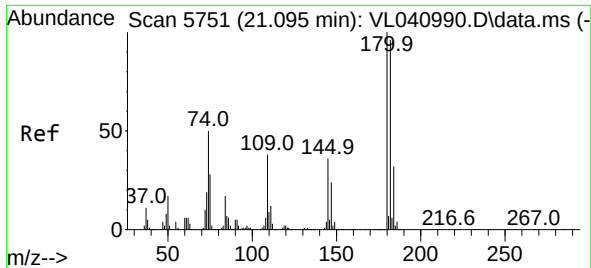
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#80
Naphthalene,2-methyl-
Concen: 14.385 ppbv
RT: 24.342 min Scan# 6761
Delta R.T. 0.000 min
Lab File: VL041011.D
Acq: 24 Jan 2024 11:24

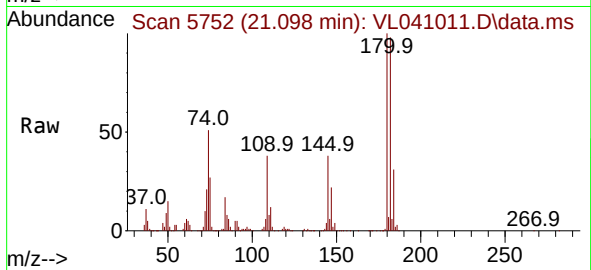
Tgt Ion:142 Resp: 484398
Ion Ratio Lower Upper
142 100
141 87.4 62.7 94.1
115 45.1 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.365 ppbv
 RT: 21.098 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041011.D
 Acq: 24 Jan 2024 11:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 115942
 Ion Ratio Lower Upper
 180 100
 182 98.4 78.6 118.0
 184 31.1 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

