

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041681.D
 Acq On : 7 Nov 2024 14:51
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL110724

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

Quant Time: Nov 08 01:08:38 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

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

QLast Update : Fri Nov 08 01:01:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1219218	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	3384840	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	3288136m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 2384630 9.843 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	1794893	8.145	ppbv	100
3) Chlorodifluoromethane	2.677	51	1429744	9.000	ppbv	99
4) Chloromethane	2.816	50	787537	9.359	ppbv	97
5) Vinyl Chloride	2.922	62	774506	10.232	ppbv	98
6) Bromomethane	3.121	94	379427	9.449	ppbv	98
7) Chloroethane	3.198	64	265929	9.626	ppbv	99
8) Dichlorotetrafluoroethane	2.861	85	1752691	8.910	ppbv	100
9) Propene	2.697	41	684685	9.892	ppbv	100
10) Heptane	7.581	43	1623259	10.465	ppbv	100
11) Trichlorofluoromethane	3.562	101	1715400	8.937	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.066	101	1286962	9.225	ppbv	100
13) Ethanol	3.253	45	41860m	9.876	ppbv	
14) Bromoethene	3.369	108	547085	9.755	ppbv	97
15) Acetone	3.468	43	1307631	8.715	ppbv	98
16) 1,3-Butadiene	2.986	39	762546	10.072	ppbv	98
17) tert-Butyl alcohol	3.877	59	1421835	10.798	ppbv	99
18) 1,1-Dichloroethene	3.880	96	589373	9.632	ppbv	95
19) Isopropyl Alcohol	3.578	45	762103	10.626	ppbv #	97
20) Methylene Chloride	3.934	84	490767	8.888	ppbv	98
21) Allyl Chloride	3.996	41	952403	10.272	ppbv	99
22) trans-1,2-Dichloroethene	4.446	96	602606	9.905	ppbv	100
23) Vinyl Acetate	4.629	43	659846	9.976	ppbv #	95
24) 1,1-Dichloroethane	4.565	63	1246280	9.177	ppbv	98
25) Ethyl Acetate	5.205	43	3059483	9.850	ppbv	100
26) Hexane	5.214	57	1221365	10.235	ppbv	97
27) Carbon Disulfide	4.124	76	1427544	10.648	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	764924	9.954	ppbv	99
29) Chloroform	5.275	83	1805559	9.167	ppbv	100
30) Cyclohexane	6.603	84	1036810	10.204	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	1190854	10.374	ppbv	100
32) 1,1,1-Trichloroethane	6.002	97	1797279	10.002	ppbv	100
34) 2-Butanone	4.787	43	1751089	10.390	ppbv	100
35) Carbon Tetrachloride	6.494	117	1829420	10.244	ppbv	100
36) Benzene	6.368	78	2560057	10.208	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1376089	9.726	ppbv	99
38) Trichloroethene	7.291	130	1018788	10.577	ppbv	99
39) 1,2-Dichloropropane	7.073	63	983477	9.923	ppbv	96
40) 1,4-Dioxane	7.288	88	376201	10.579	ppbv #	1
41) Tetrahydrofuran	5.555	42	1065202	11.067	ppbv	99
42) Bromodichloromethane	7.253	83	1966589	10.002	ppbv	100
43) Methyl Methacrylate	7.475	69	1010315	11.473	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	4253439	10.012	ppbv	99
45) t-1,3-Dichloropropene	8.712	75	979763	12.176	ppbv	98

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Manual Integrations
 APPROVED

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Quant Time: Nov 08 01:08:38 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

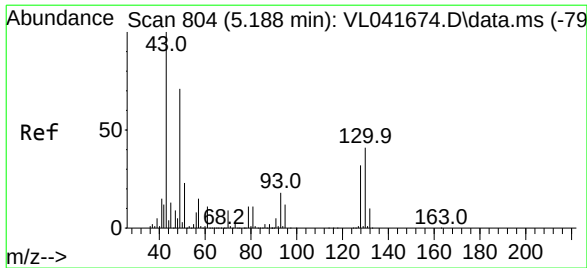
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Nov 08 01:01:00 2024

Response via : Initial Calibration

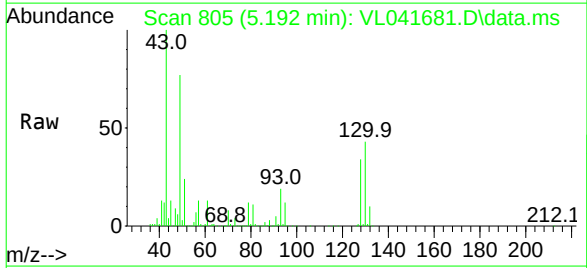
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1335370	11.555	ppbv	99
47) 1,1,2-Trichloroethane	8.899	97	1027960	9.583	ppbv	99
48) Dibromochloromethane	9.712	129	1697504	10.410	ppbv	100
49) Bromoform	12.410	173	1467565	10.519	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2720056	10.513	ppbv	99
51) 2-Hexanone	9.552	43	2131991	11.315	ppbv #	98
52) Tetrachloroethene	10.613	164	931693	10.901	ppbv	97
53) Toluene	9.220	91	2900278	10.997	ppbv	99
54) 1,2-Dibromoethane	10.011	107	1383939	11.043	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.510	131	1248422	9.206	ppbv	99
57) Chlorobenzene	11.529	112	2237120	9.199	ppbv	100
58) Ethyl Benzene	12.092	91	3855683	10.696	ppbv	99
59) m/p-Xylene	12.375	91	6465658m	20.029	ppbv	
60) o-Xylene	13.060	91	3103973	10.084	ppbv	100
61) Styrene	12.896	104	1535856	12.089	ppbv	100
62) Isopropylbenzene	14.031	105	4605291	9.687	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	2141628	9.458	ppbv	100
64) n-propylbenzene	14.918	120	1242370	9.983	ppbv	100
65) tert-Butylbenzene	16.092	119	4128160	9.661	ppbv	100
66) Benzyl Chloride	16.326	91	333479	10.145	ppbv	99
67) sec-Butylbenzene	16.638	105	5771671	9.584	ppbv	100
69) p-Isopropyltoluene	16.998	119	4841188	9.944	ppbv	100
70) n-Butylbenzene	17.889	91	4961330	9.960	ppbv	99
71) 2-Chlorotoluene	14.799	91	3477879	10.121	ppbv	100
72) 4-Ethyltoluene	15.194	105	3765544	10.522	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	3164645	10.077	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	3509579	9.621	ppbv	95
75) 1,3-Dichlorobenzene	16.333	146	2153016	9.530	ppbv	99
76) 1,4-Dichlorobenzene	16.474	146	2087766	9.578	ppbv	99
77) 1,2-Dichlorobenzene	17.146	146	2076942	9.280	ppbv #	70
78) Hexachloro-1,3-Butadiene	22.635	225	1380777	7.801	ppbv	100
79) Naphthalene	21.384	128	2753473	12.229	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	582436	11.866	ppbv	93
81) 1,2,4-Trichlorobenzene	21.143	180	1413820	9.985	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.004 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

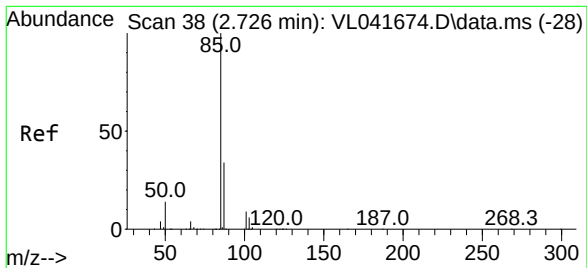
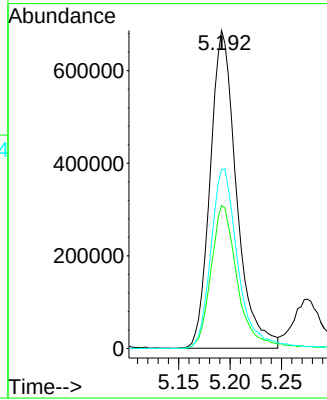
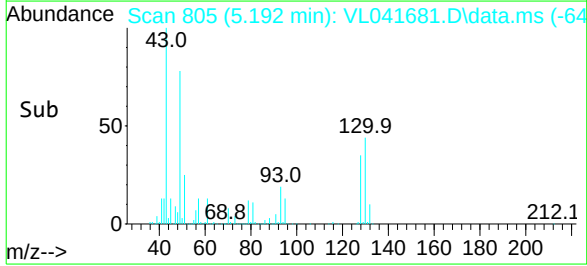
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion: 49 Resp: 1219218
Ion Ratio Lower Upper
49 100
128 46.0 23.8 71.2
130 59.2 30.1 90.5

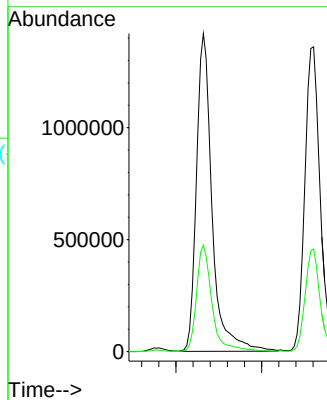
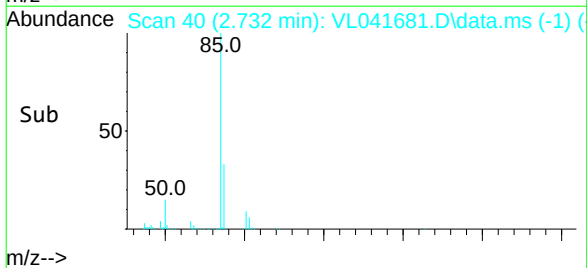
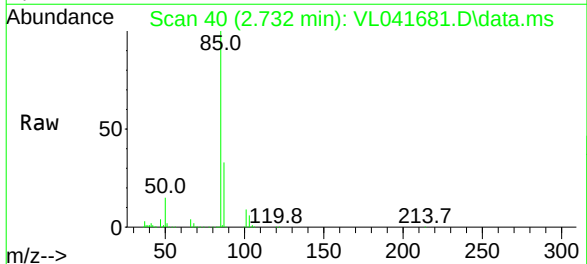
Manual Integrations
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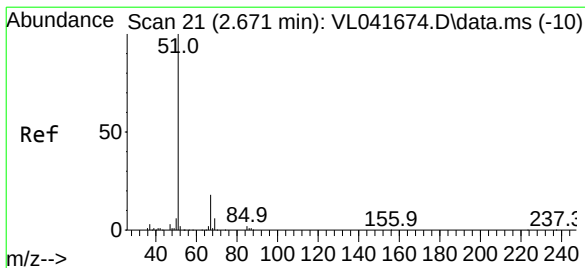
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#2
Dichlorodifluoromethane
Concen: 8.145 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

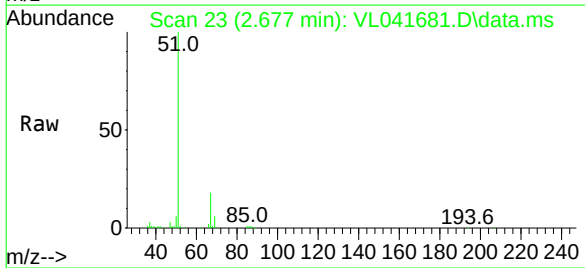
Tgt Ion: 85 Resp: 1794893
Ion Ratio Lower Upper
85 100
87 33.5 26.8 40.2





#3
Chlorodifluoromethane
Concen: 9.000 ppbv
RT: 2.677 min Scan# 23
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

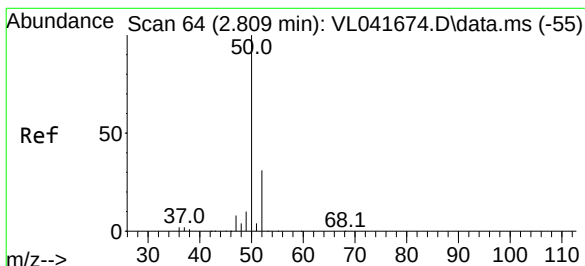
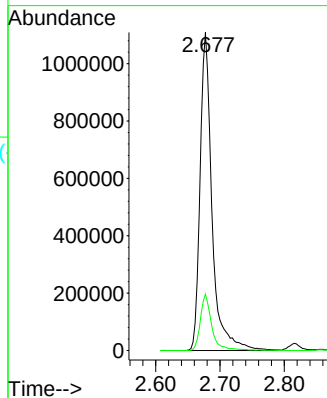
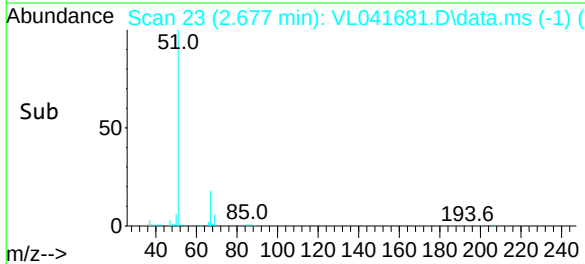
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion: 51 Resp: 1429744
Ion Ratio Lower Upper
51 100
67 17.1 13.9 20.9

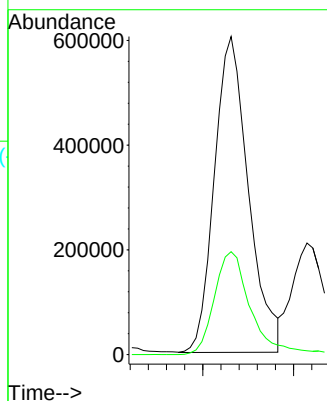
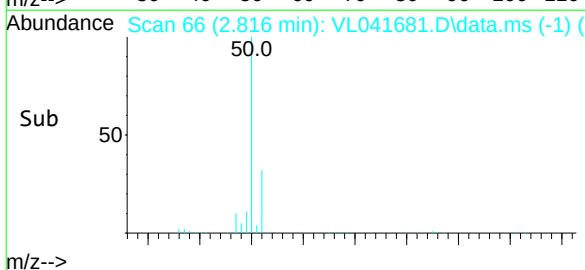
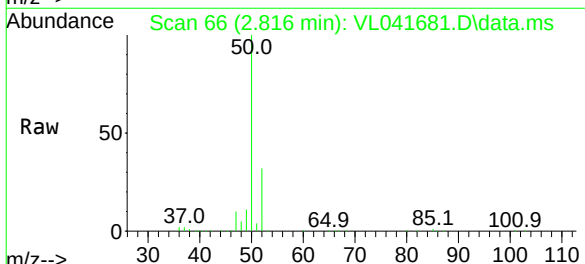
Manual Integrations
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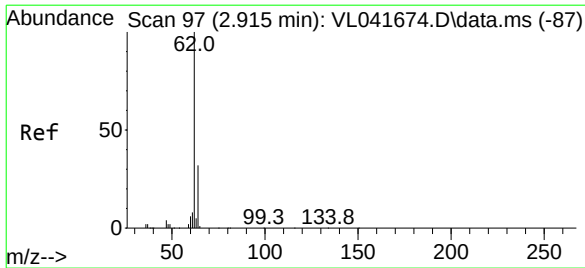
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#4
Chloromethane
Concen: 9.359 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

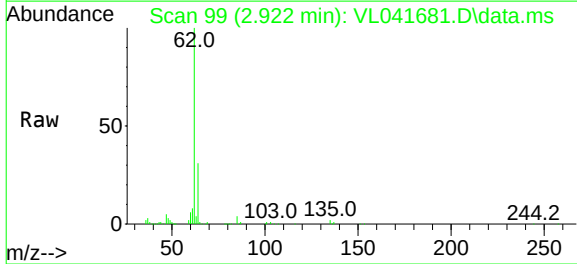
Tgt Ion: 50 Resp: 787537
Ion Ratio Lower Upper
50 100
52 32.6 24.9 37.3





#5
 Vinyl Chloride
 Concen: 10.232 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51

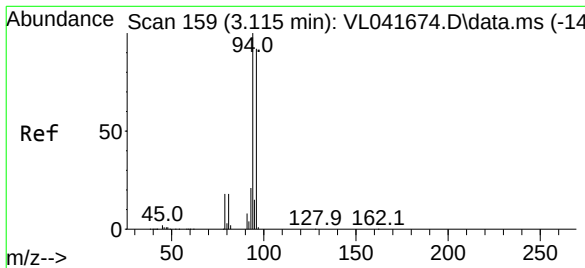
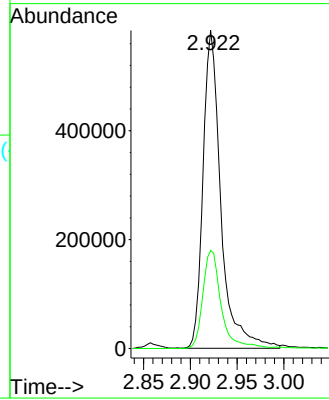
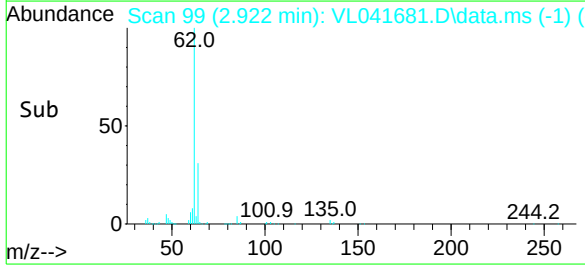
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL110724



Tgt Ion: 62 Resp: 774506
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.4 38.2

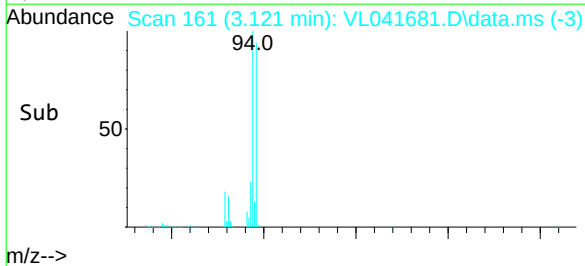
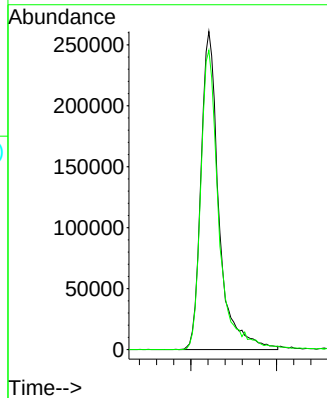
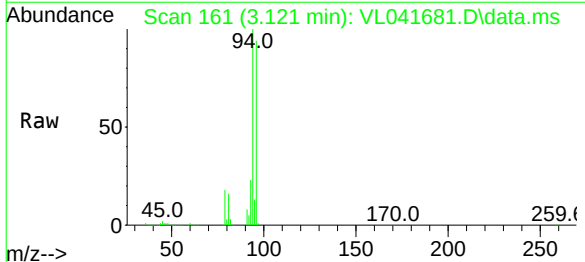
Manual Integrations
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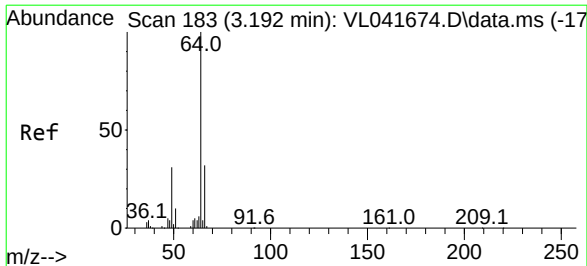
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#6
 Bromomethane
 Concen: 9.449 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.006 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51

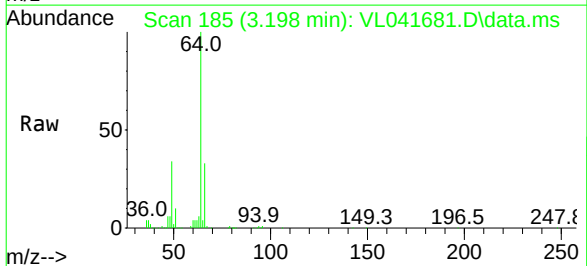
Tgt Ion: 94 Resp: 379427
 Ion Ratio Lower Upper
 94 100
 96 94.1 73.4 110.2





#7
Chloroethane
Concen: 9.626 ppbv
RT: 3.198 min Scan# 18
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

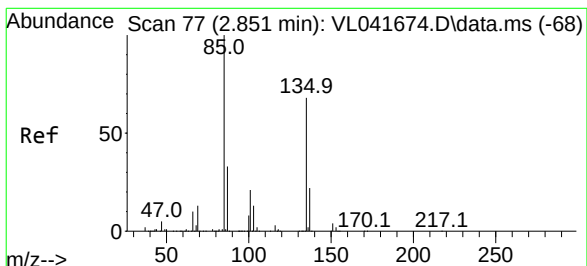
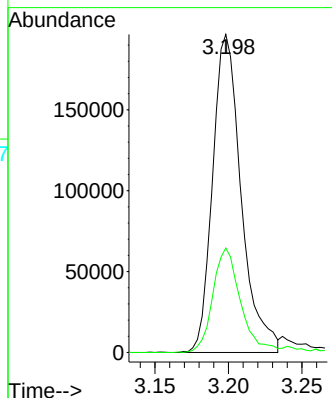
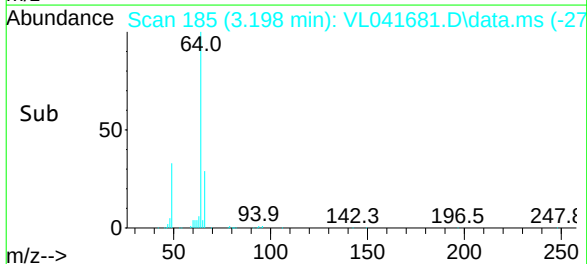
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion: 64 Resp: 265929
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9

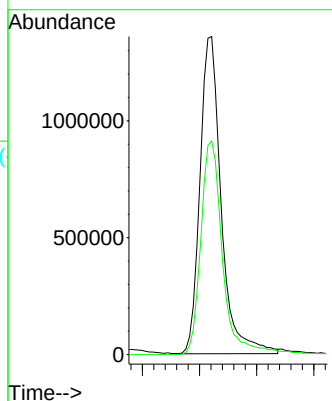
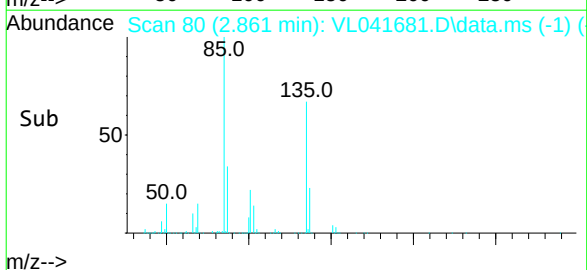
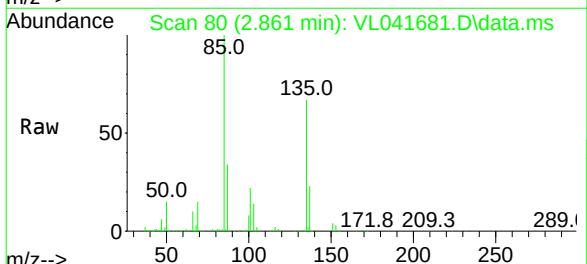
Manual Integrations
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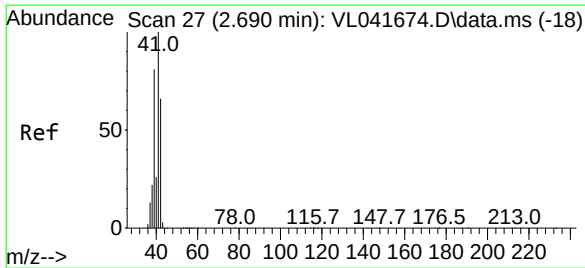
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#8
Dichlorotetrafluoroethane
Concen: 8.910 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 85 Resp: 1752691
Ion Ratio Lower Upper
85 100
135 69.6 55.5 83.3





#9

Propene

Concen: 9.892 ppbv

RT: 2.697 min Scan# 29

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724

Tgt Ion: 41 Resp: 684685

Ion Ratio Lower Upper

41 100

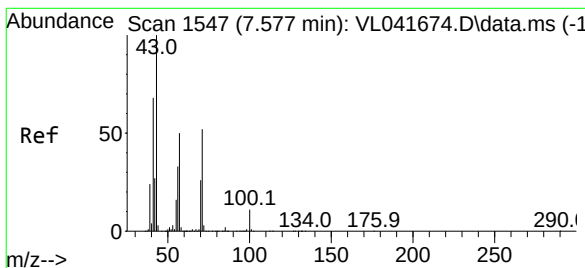
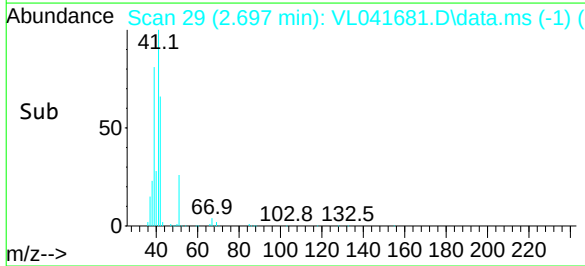
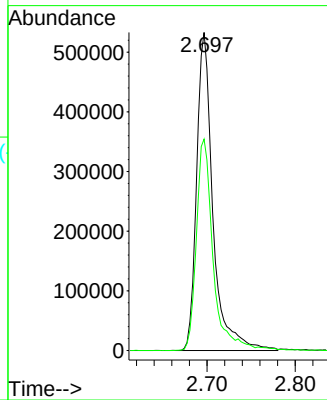
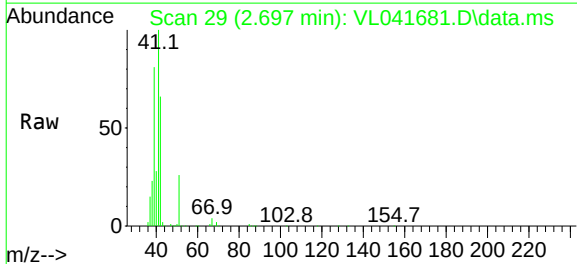
42 68.9 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#10

Heptane

Concen: 10.465 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.003 min

Lab File: VL041681.D

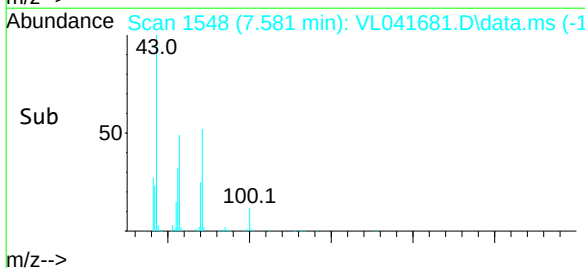
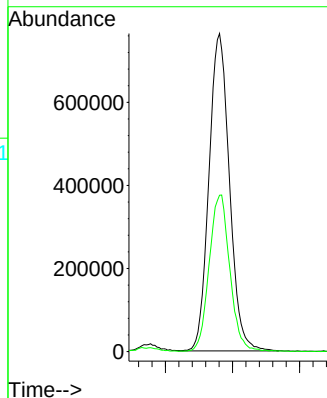
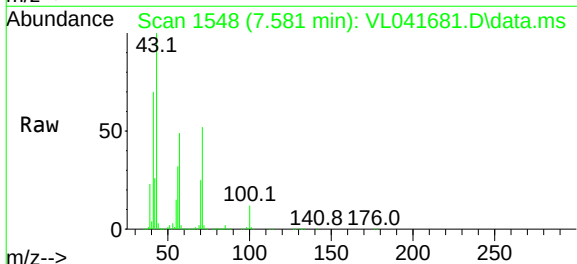
Acq: 7 Nov 2024 14:51

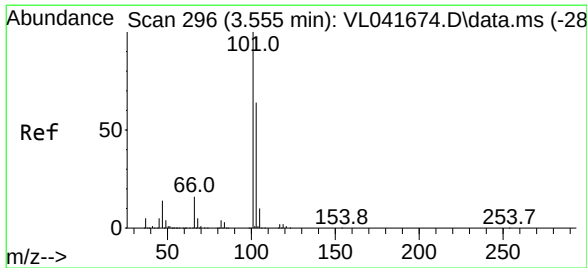
Tgt Ion: 43 Resp: 1623259

Ion Ratio Lower Upper

43 100

57 49.9 40.0 60.0





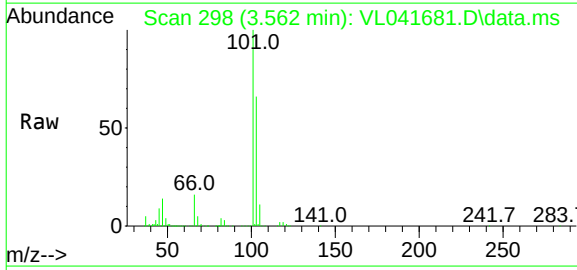
#11
Trichlorofluoromethane
Concen: 8.937 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

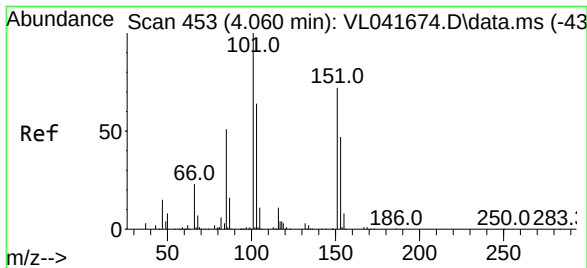
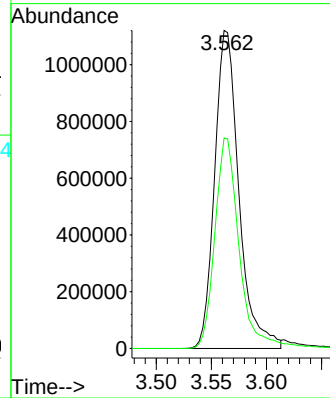
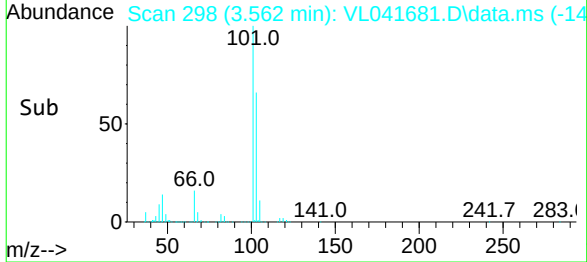
ICVVL110724



Tgt Ion:101 Resp: 1715400
Ion Ratio Lower Upper
101 100
103 66.2 51.0 76.6

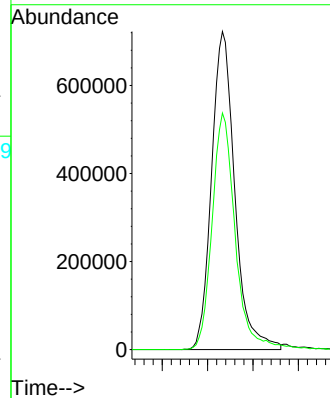
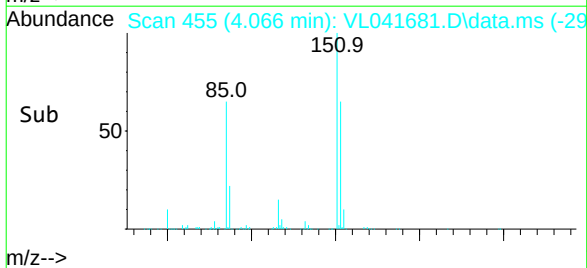
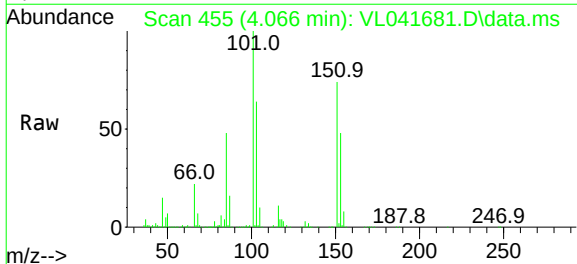
Manual Integrations
APPROVED

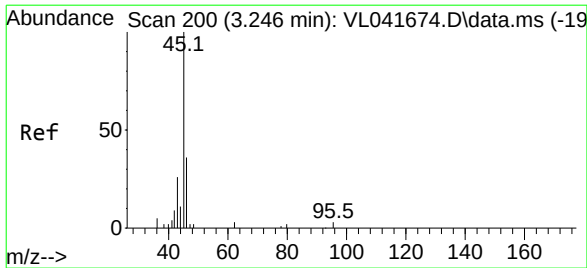
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.225 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

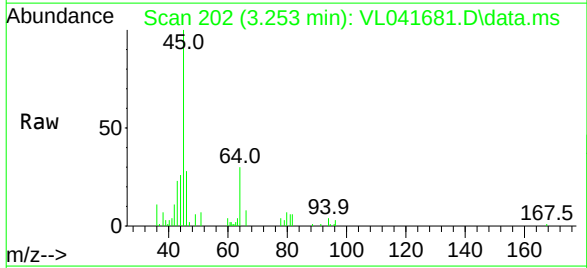
Tgt Ion:101 Resp: 1286962
Ion Ratio Lower Upper
101 100
151 74.1 59.1 88.7





#13
Ethanol
Concen: 9.876 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

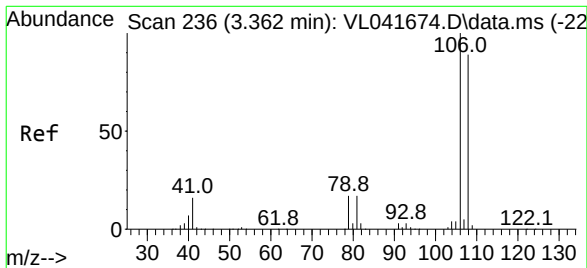
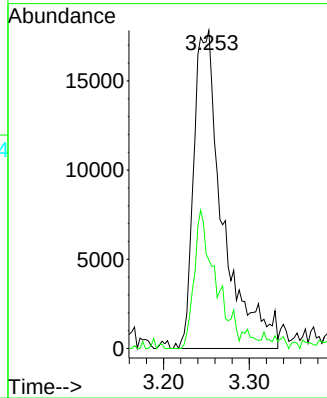
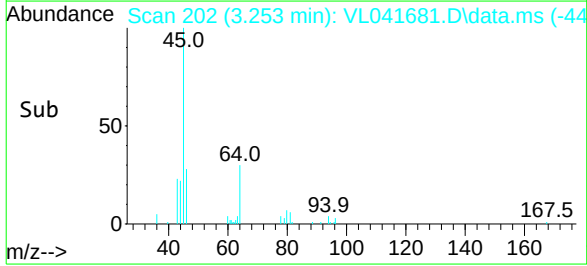
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



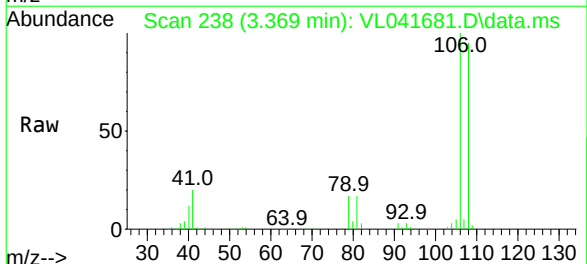
Tgt Ion: 45 Resp: 41860
Ion Ratio Lower Upper
45 100
46 0.0 13.8 55.2#

Manual Integrations
APPROVED

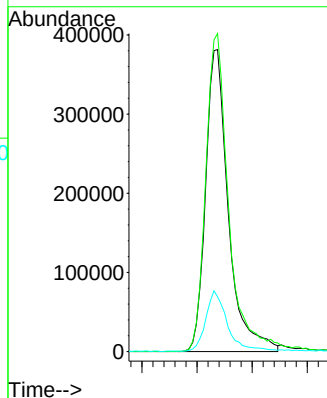
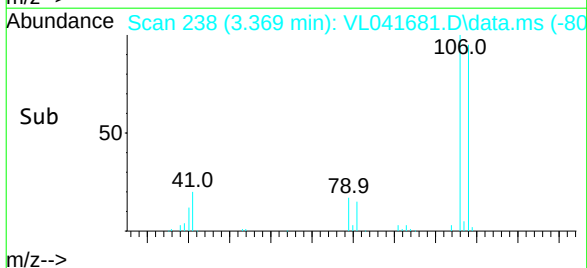
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

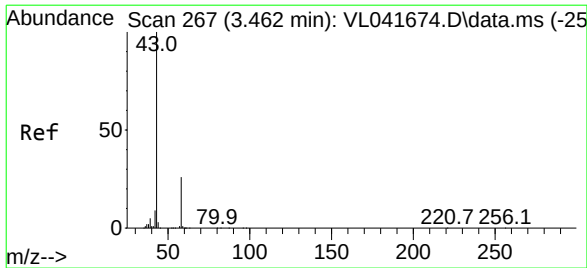


#14
Bromoethene
Concen: 9.755 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



Tgt Ion:108 Resp: 547085
Ion Ratio Lower Upper
108 100
106 107.9 88.6 133.0
79 20.5 15.6 23.4





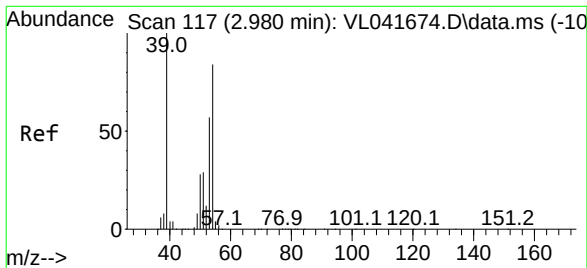
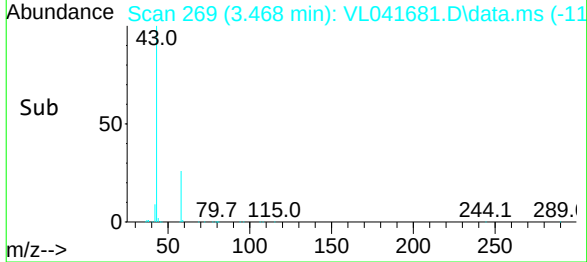
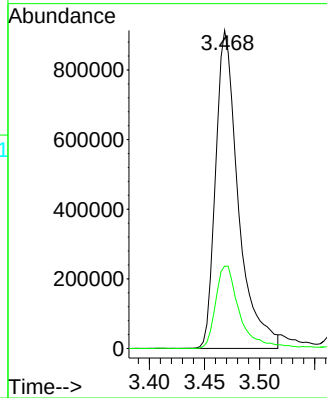
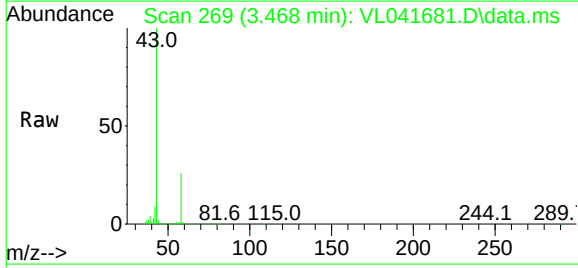
#15
Acetone
Concen: 8.715 ppbv
RT: 3.468 min Scan# 267
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument : MSVOA_L
ClientSampleId : ICVVL110724

Tgt Ion: 43 Resp: 1307631
Ion Ratio Lower Upper
43 100
58 27.9 21.4 32.0

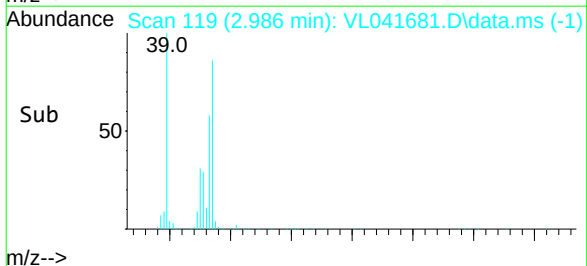
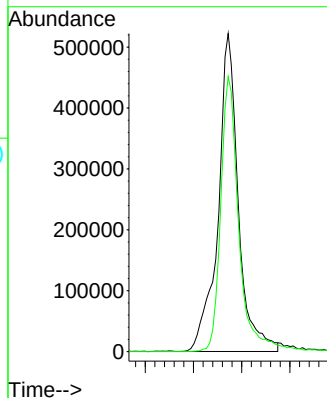
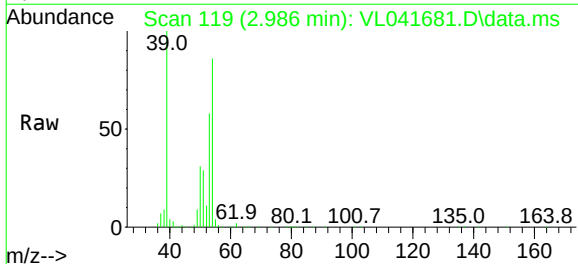
Manual Integrations
APPROVED

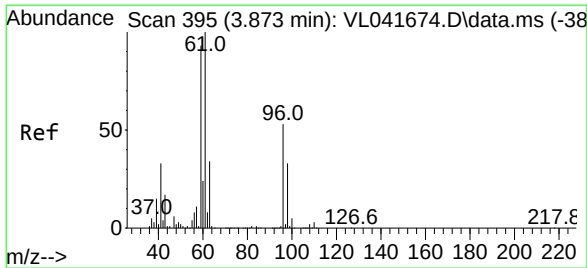
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#16
1,3-Butadiene
Concen: 10.072 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

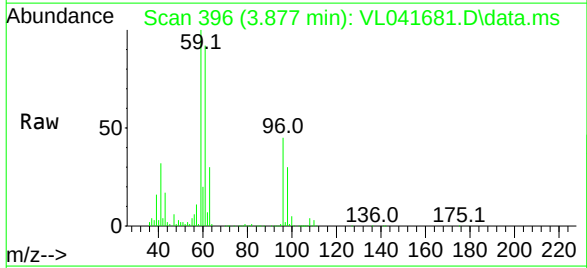
Tgt Ion: 39 Resp: 762546
Ion Ratio Lower Upper
39 100
54 78.2 61.3 91.9





#17
tert-Butyl alcohol
Concen: 10.798 ppbv
RT: 3.877 min Scan# 395
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

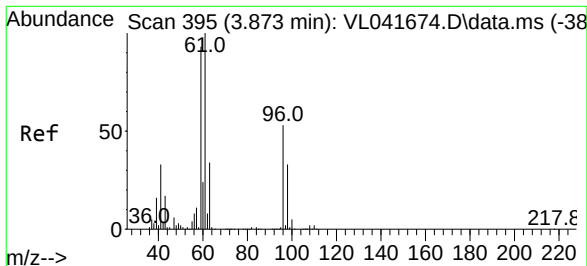
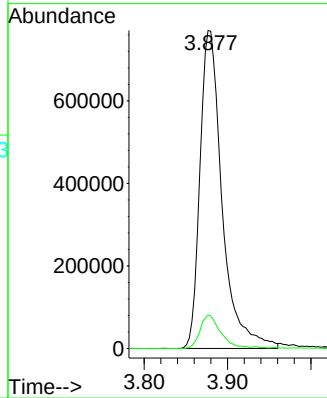
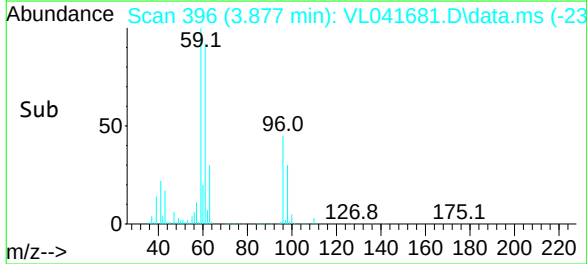
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



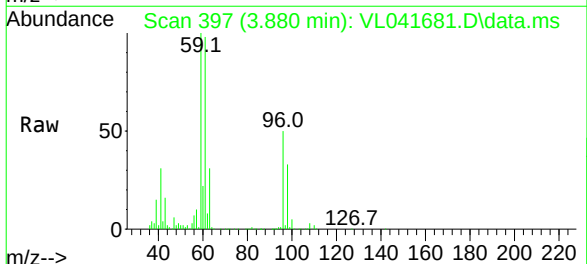
Tgt Ion: 59 Resp: 1421835
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

Manual Integrations
APPROVED

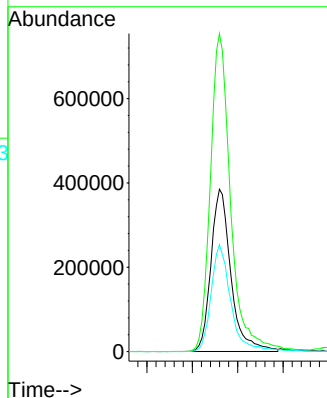
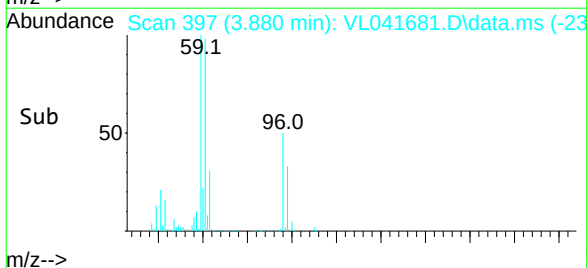
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

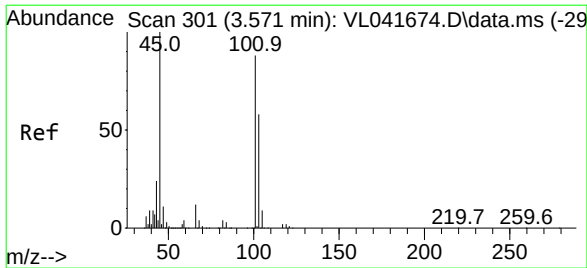


#18
1,1-Dichloroethene
Concen: 9.632 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



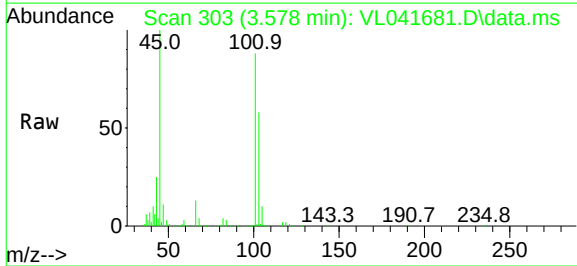
Tgt Ion: 96 Resp: 589373
Ion Ratio Lower Upper
96 100
61 196.0 150.7 226.1
98 65.9 49.4 74.2





#19
Isopropyl Alcohol
Concen: 10.626 ppbv
RT: 3.578 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

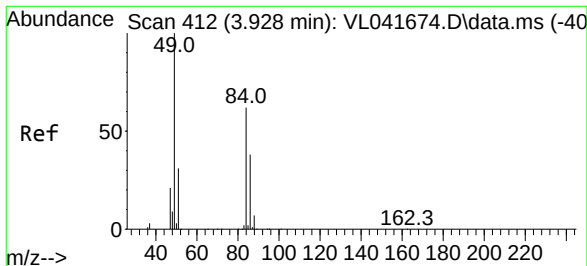
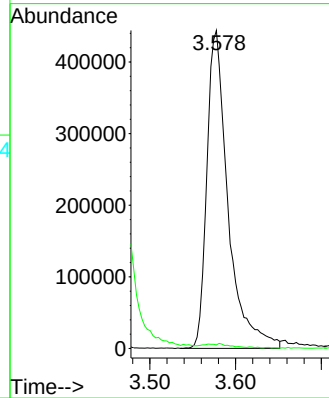
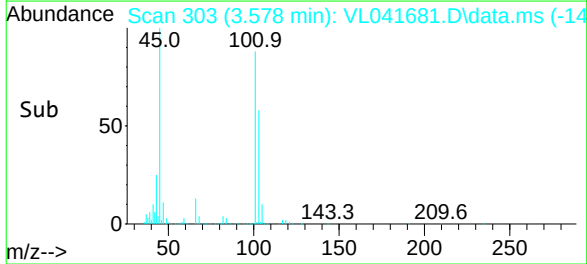
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion: 45 Resp: 762103
Ion Ratio Lower Upper
45 100
58 1.9 2.5 3.7#

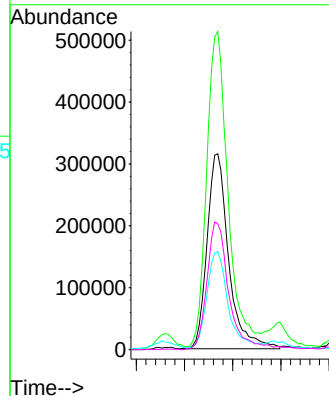
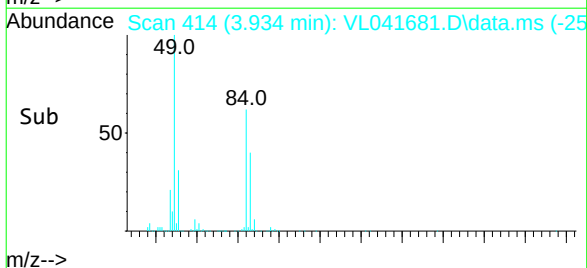
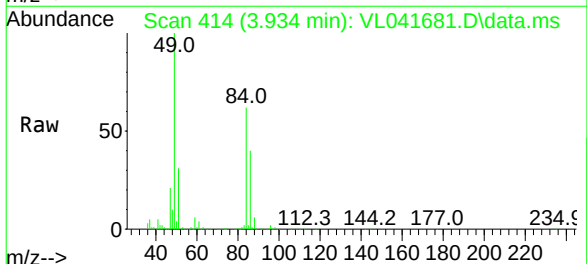
Manual Integrations
APPROVED

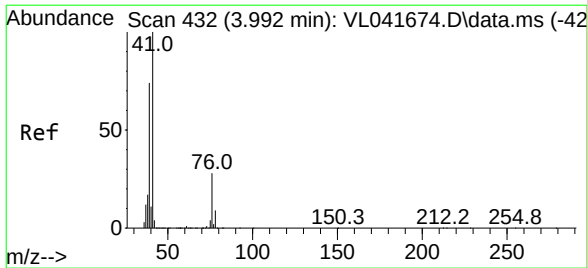
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#20
Methylene Chloride
Concen: 8.888 ppbv
RT: 3.934 min Scan# 414
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 84 Resp: 490767
Ion Ratio Lower Upper
84 100
49 160.5 129.7 194.5
51 48.5 39.8 59.6
86 64.5 49.1 73.7





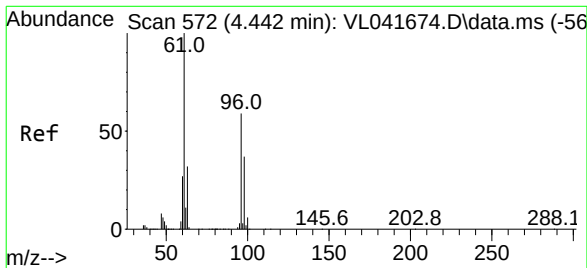
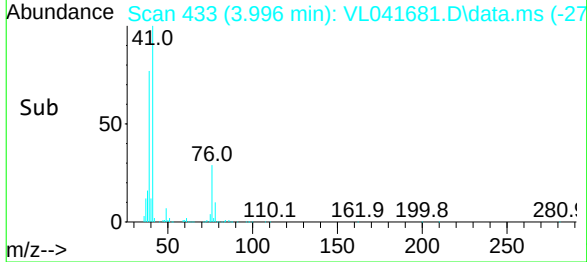
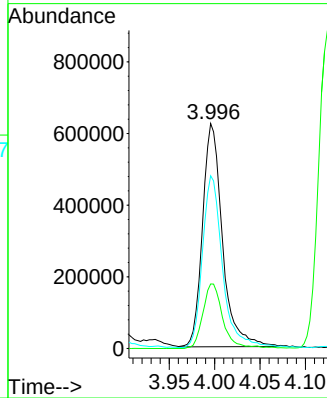
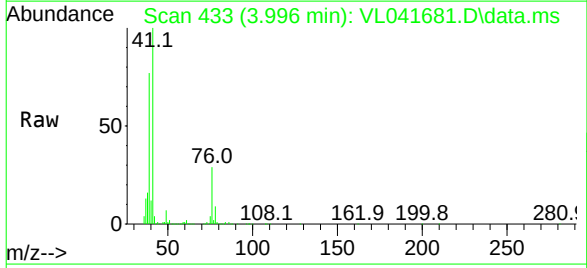
#21
 Allyl Chloride
 Concen: 10.272 ppbv
 RT: 3.996 min Scan# 432
 Delta R.T. 0.003 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL110724

Tgt Ion: 41 Resp: 952403
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.5 35.3
 39 78.0 63.0 94.4

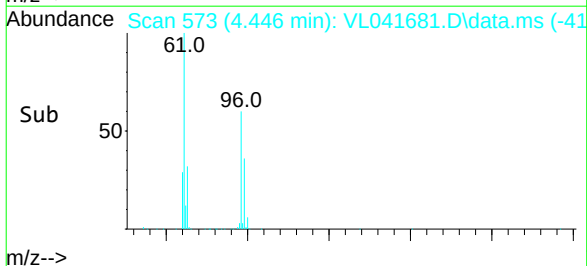
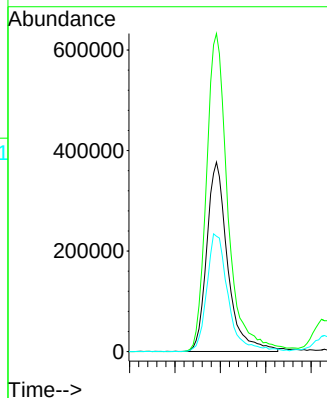
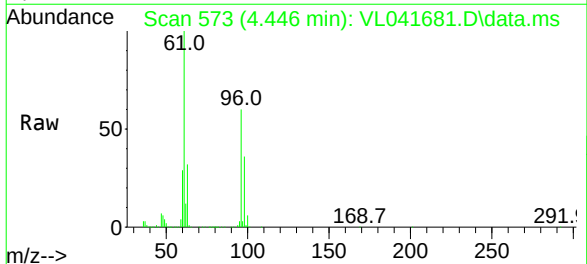
Manual Integrations
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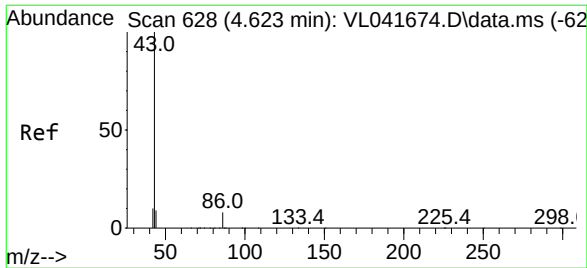
Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.905 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.003 min
 Lab File: VL041681.D
 Acq: 7 Nov 2024 14:51

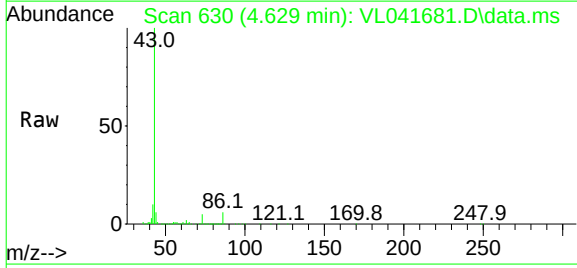
Tgt Ion: 96 Resp: 602606
 Ion Ratio Lower Upper
 96 100
 61 167.9 134.5 201.7
 98 60.9 49.6 74.4





#23
Vinyl Acetate
Concen: 9.976 ppbv
RT: 4.629 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

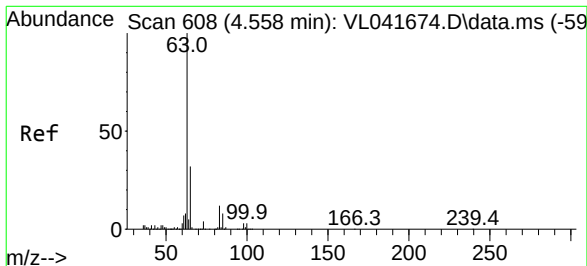
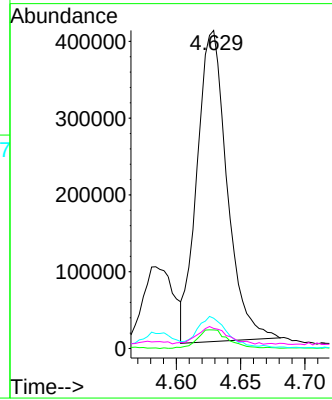
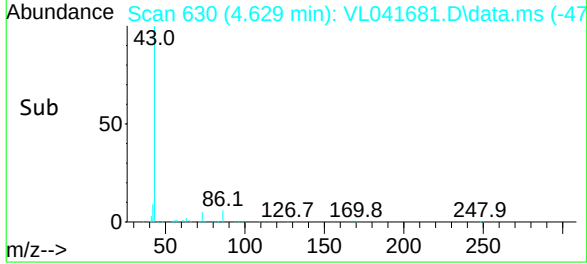
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



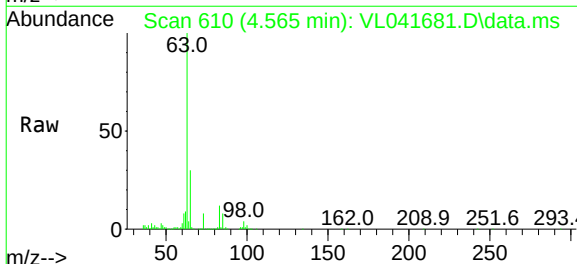
Tgt Ion: 43 Resp: 659846
Ion Ratio Lower Upper
43 100
86 5.9 5.3 7.9
42 9.3 8.5 12.7
44 4.8 6.7 10.1#

Manual Integrations
APPROVED

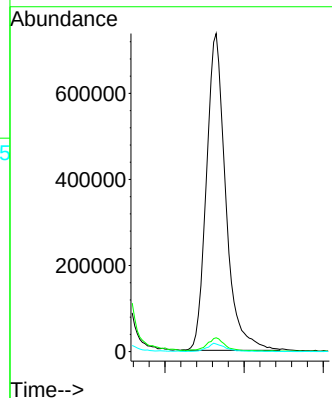
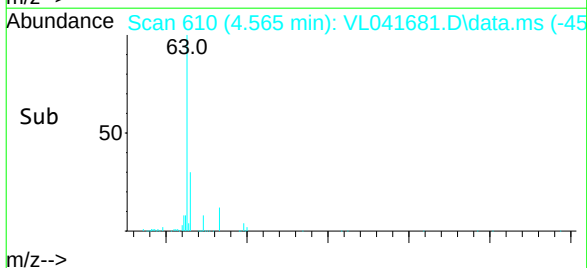
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

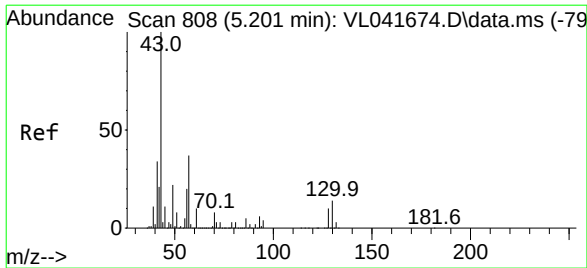


#24
1,1-Dichloroethane
Concen: 9.177 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



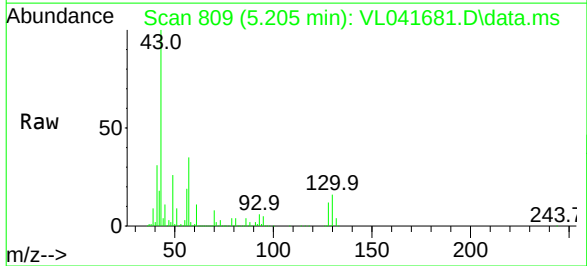
Tgt Ion: 63 Resp: 1246280
Ion Ratio Lower Upper
63 100
98 4.2 1.8 5.4
100 2.3 1.4 4.2





#25
Ethyl Acetate
Concen: 9.850 ppbv
RT: 5.205 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

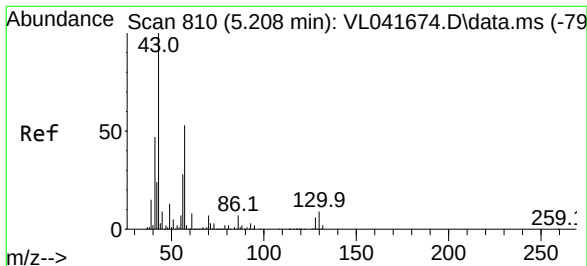
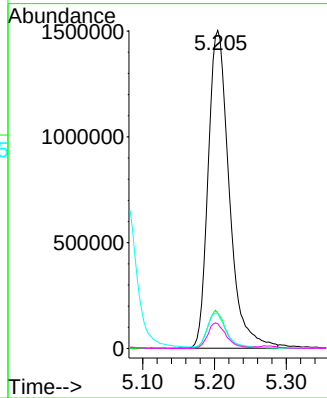
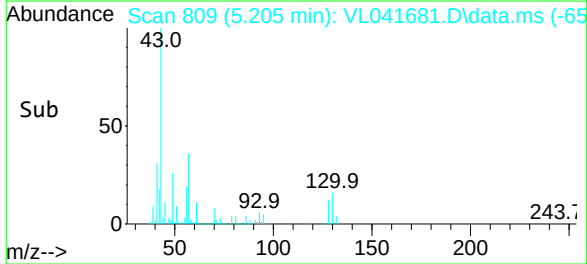
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion: 43 Resp: 3059483
Ion Ratio Lower Upper
43 100
45 10.7 8.6 13.0
61 10.6 8.4 12.6
70 7.1 5.8 8.6

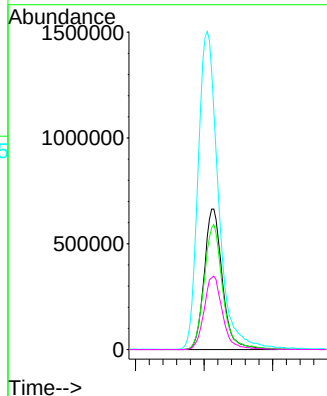
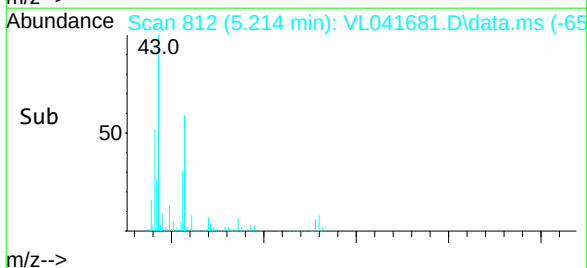
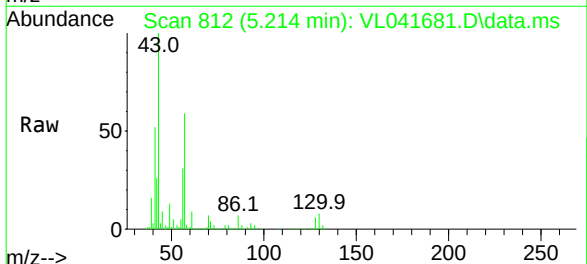
Manual Integrations
APPROVED

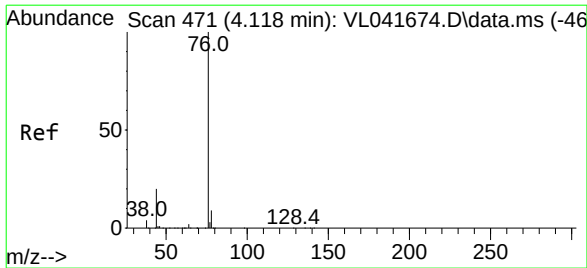
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#26
Hexane
Concen: 10.235 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

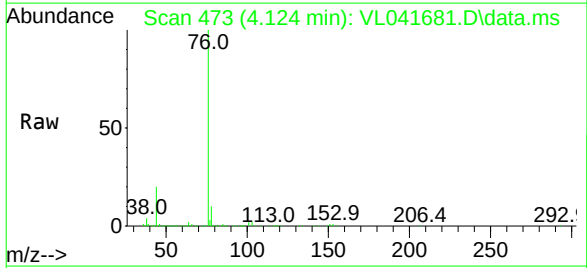
Tgt Ion: 57 Resp: 1221365
Ion Ratio Lower Upper
57 100
41 91.4 76.1 114.1
43 252.9 207.0 310.6
56 53.4 43.7 65.5





#27
Carbon Disulfide
Concen: 10.648 ppbv
RT: 4.124 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

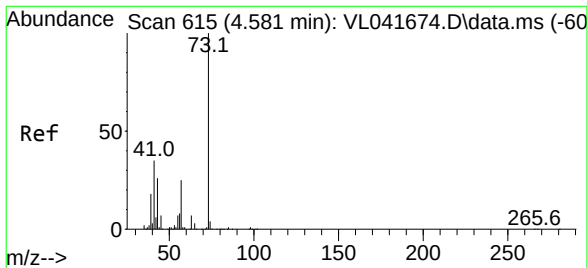
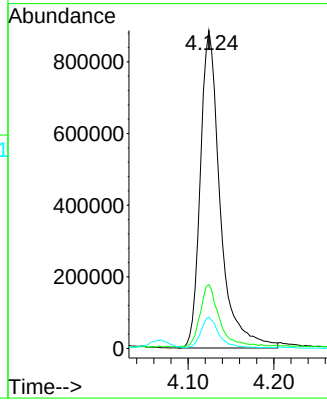
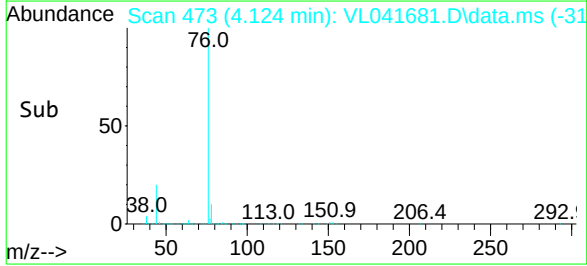
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion: 76 Resp: 1427544
Ion Ratio Lower Upper
76 100
44 20.5 15.8 23.8
78 10.0 7.5 11.3

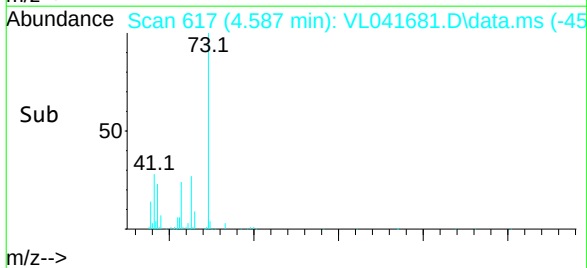
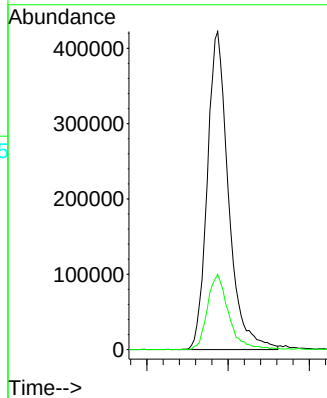
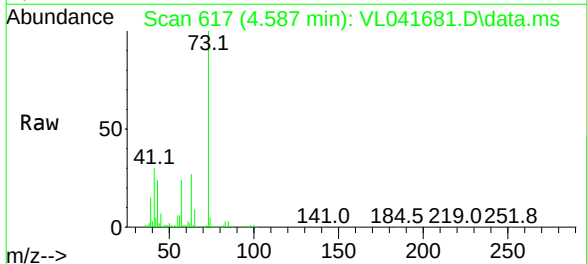
Manual Integrations
APPROVED

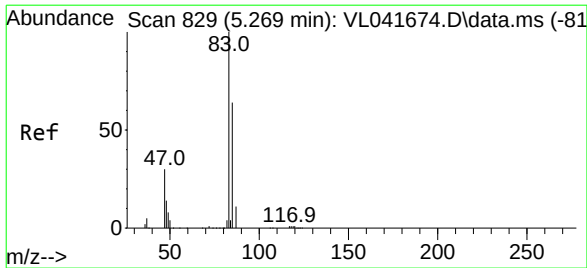
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#28
Methyl tert-Butyl Ether
Concen: 9.954 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion: 73 Resp: 764924
Ion Ratio Lower Upper
73 100
57 23.9 19.6 29.4





#29

Chloroform

Concen: 9.167 ppbv

RT: 5.275 min Scan# 83

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724

Tgt Ion: 83 Resp: 1805559

Ion Ratio Lower Upper

83 100

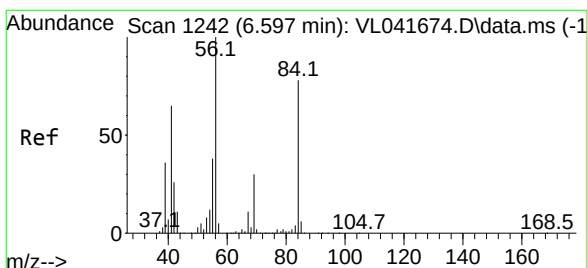
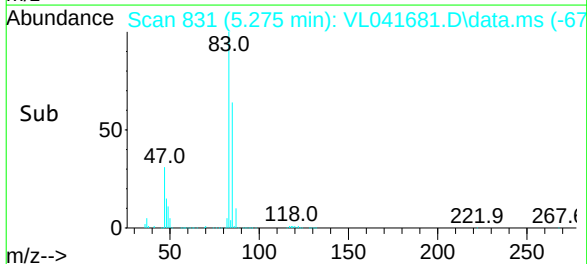
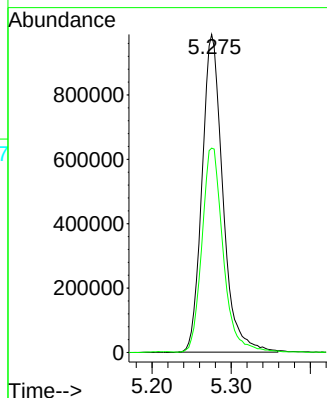
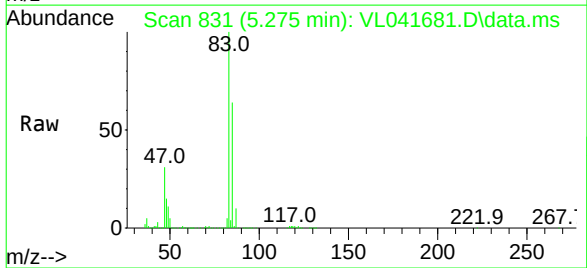
85 64.2 51.1 76.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#30

Cyclohexane

Concen: 10.204 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

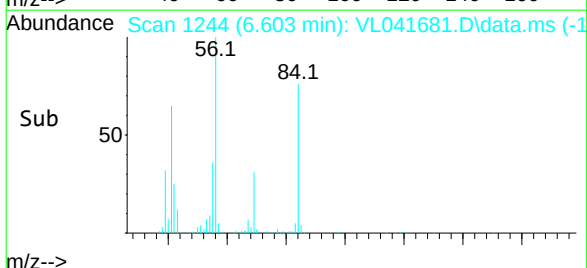
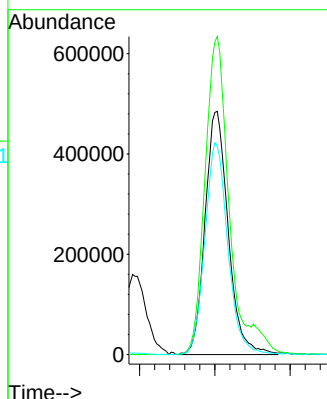
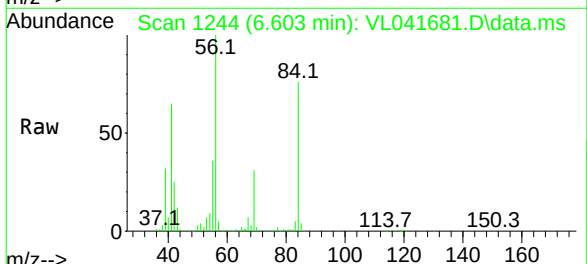
Tgt Ion: 84 Resp: 1036810

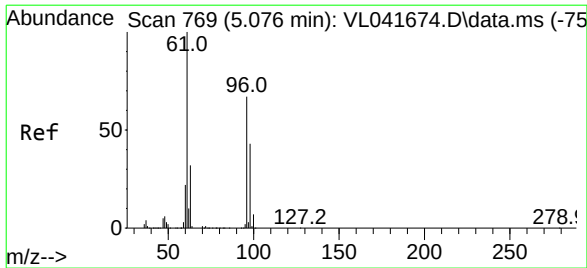
Ion Ratio Lower Upper

84 100

56 138.2 110.8 166.2

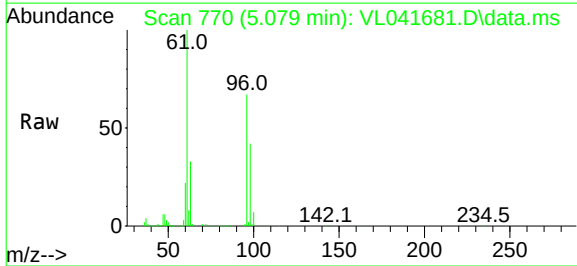
41 86.7 70.0 105.0





#31
cis-1,2-Dichloroethene
Concen: 10.374 ppbv
RT: 5.079 min Scan# 77
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

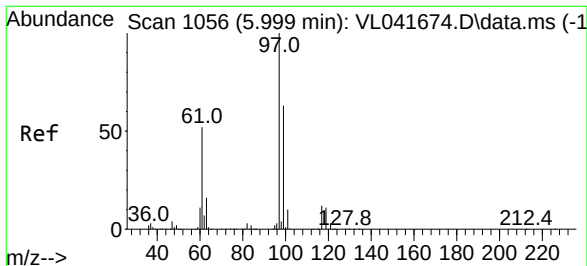
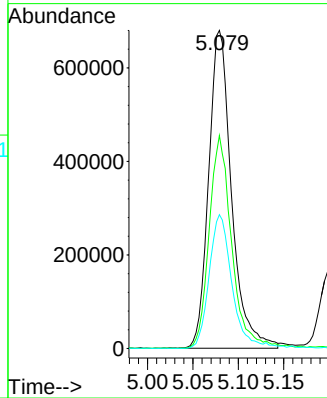
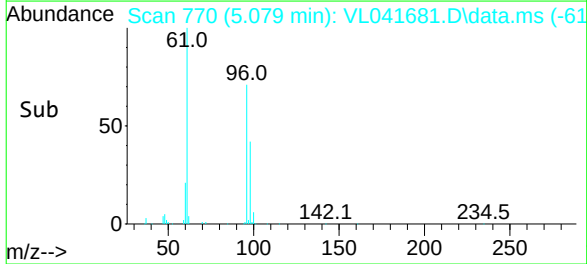
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



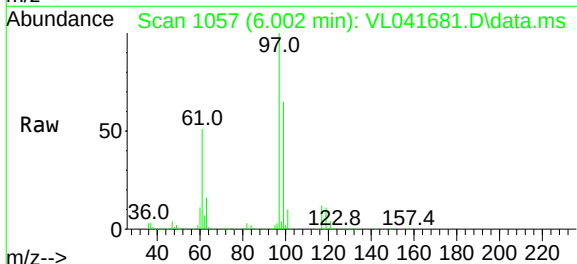
Tgt Ion: 61 Resp: 1190854
Ion Ratio Lower Upper
61 100
96 67.0 53.4 80.2
98 42.1 34.0 51.0

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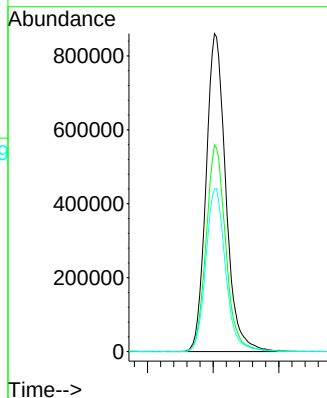
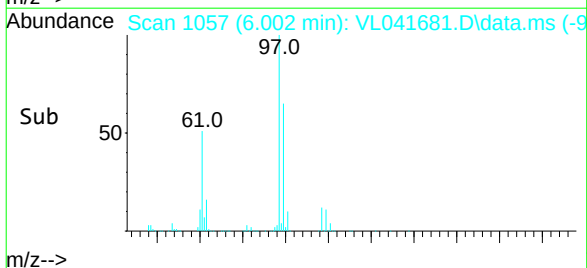
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

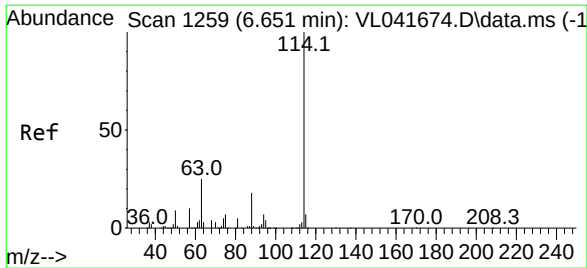


#32
1,1,1-Trichloroethane
Concen: 10.002 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



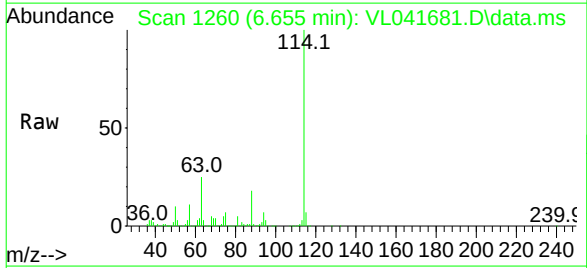
Tgt Ion: 97 Resp: 1797279
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 51.4 41.7 62.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

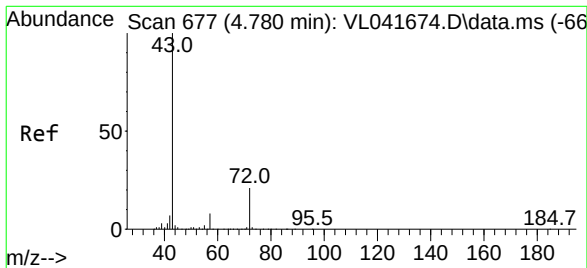
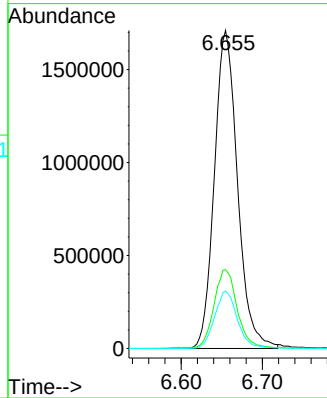
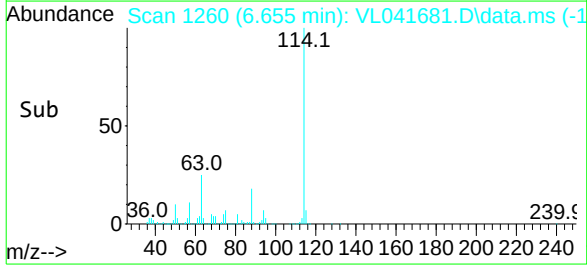
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion:114 Resp: 3384840
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 17.9 14.2 21.4

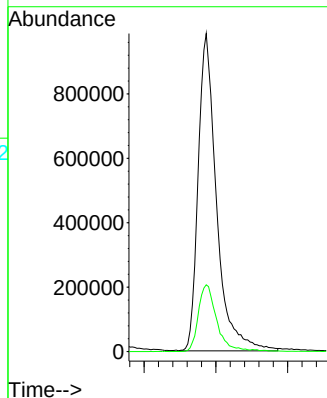
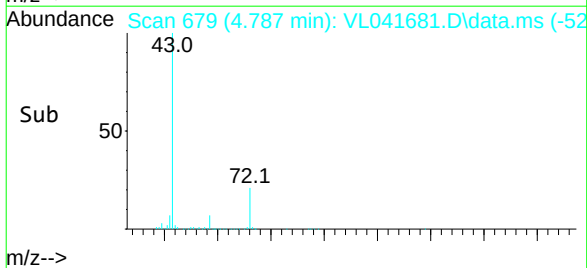
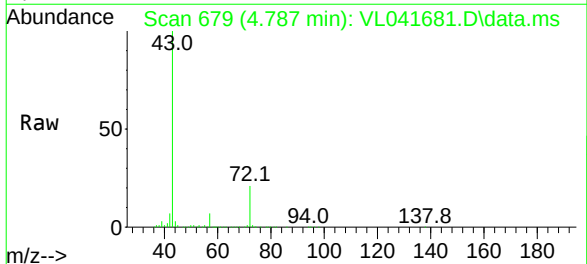
Manual Integrations
APPROVED

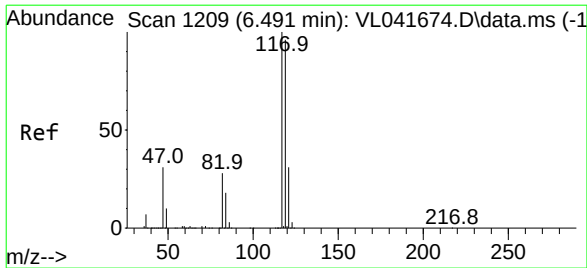
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#34
2-Butanone
Concen: 10.390 ppbv
RT: 4.787 min Scan# 679
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

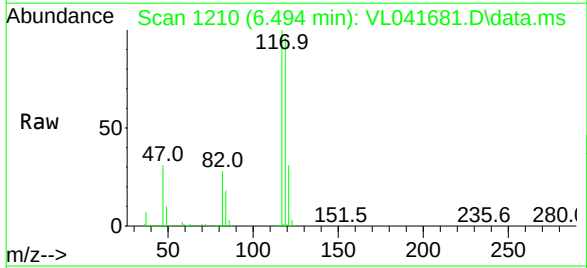
Tgt Ion: 43 Resp: 1751089
Ion Ratio Lower Upper
43 100
72 21.6 17.4 26.0





#35
Carbon Tetrachloride
Concen: 10.244 ppbv
RT: 6.494 min Scan# 1209
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

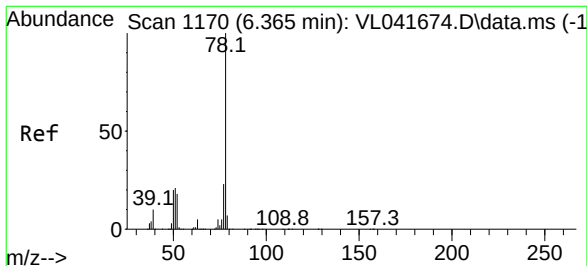
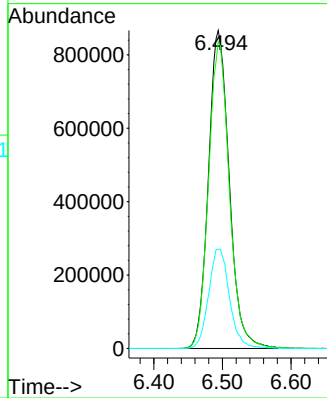
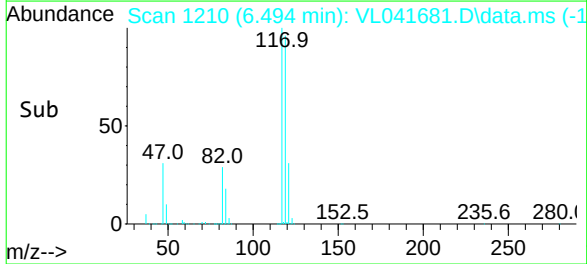
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



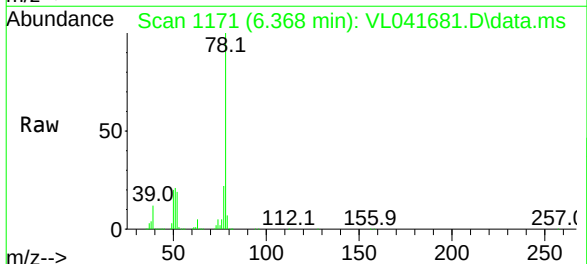
Tgt Ion: 117 Resp: 1829420
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 31.2 25.0 37.4

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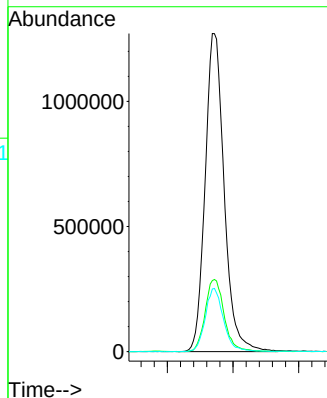
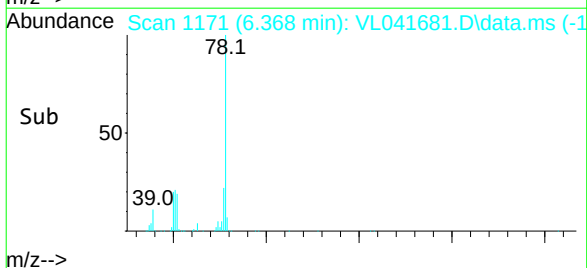
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

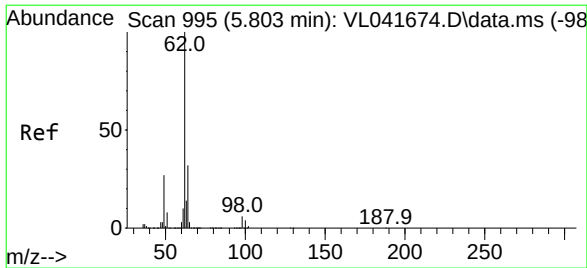


#36
Benzene
Concen: 10.208 ppbv
RT: 6.368 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



Tgt Ion: 78 Resp: 2560057
Ion Ratio Lower Upper
78 100
77 22.3 18.5 27.7
50 19.7 15.6 23.4





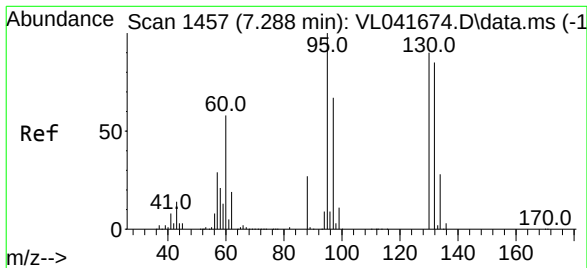
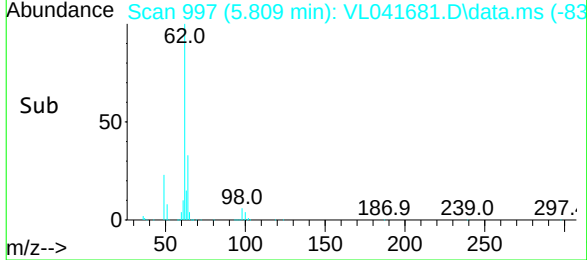
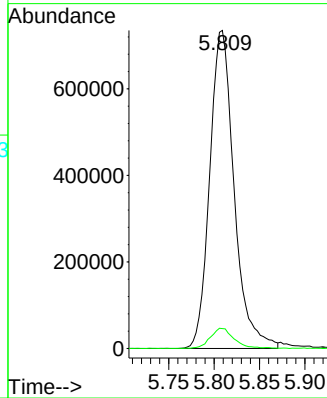
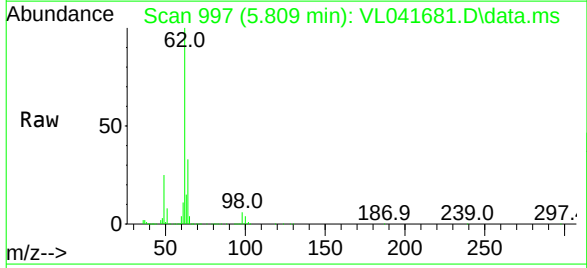
#37
1,2-Dichloroethane
Concen: 9.726 ppbv
RT: 5.809 min Scan# 995
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

Tgt Ion: 62 Resp: 1376089
Ion Ratio Lower Upper
62 100
98 6.3 5.2 7.8

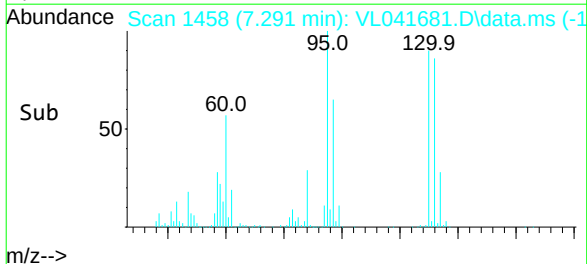
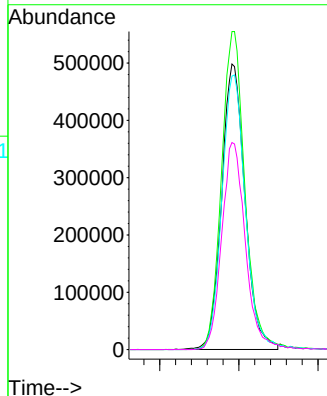
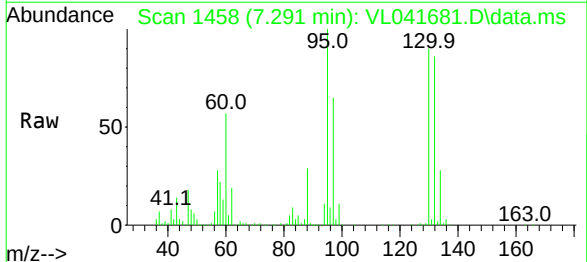
Manual Integrations
APPROVED

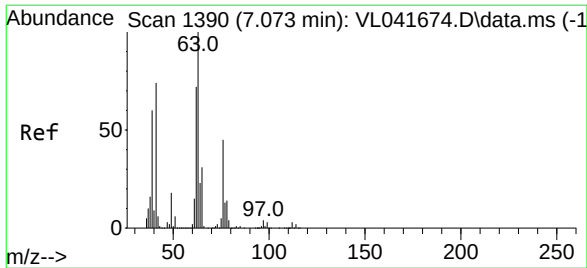
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#38
Trichloroethene
Concen: 10.577 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

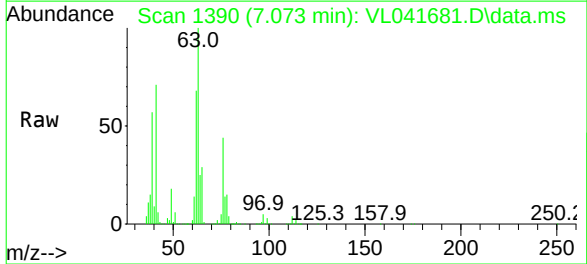
Tgt Ion:130 Resp: 1018788
Ion Ratio Lower Upper
130 100
95 111.4 89.1 133.7
132 95.8 75.7 113.5
97 72.5 60.0 90.0





#39
1,2-Dichloropropane
Concen: 9.923 ppbv
RT: 7.073 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

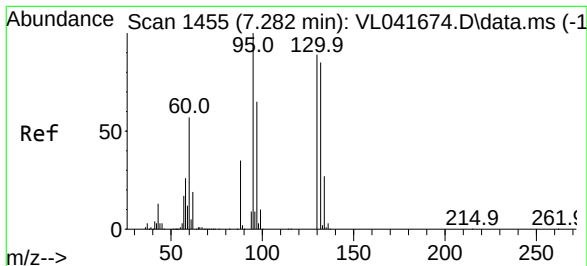
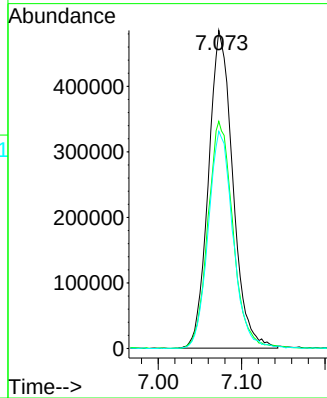
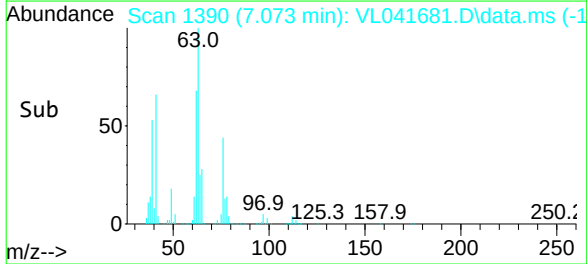
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



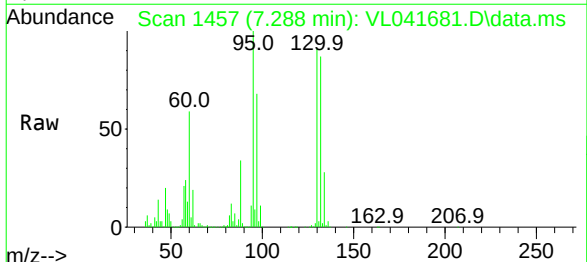
Tgt Ion: 63 Resp: 983477
Ion Ratio Lower Upper
63 100
41 71.4 59.1 88.7
62 68.3 57.7 86.5

Manual Integrations
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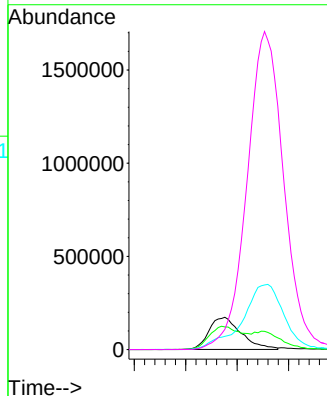
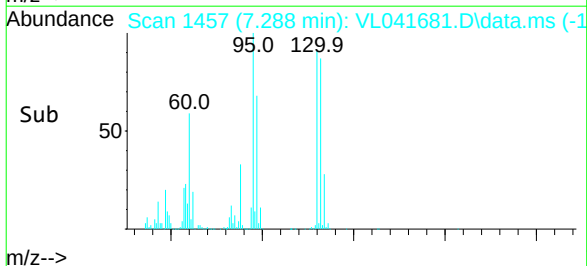
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

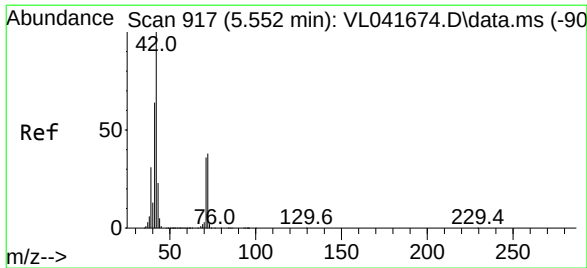


#40
1,4-Dioxane
Concen: 10.579 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



Tgt Ion: 88 Resp: 376201
Ion Ratio Lower Upper
88 100
58 127.2 101.4 152.2
43 0.0 208.0 312.0#
57 0.0 902.9 1354.3#





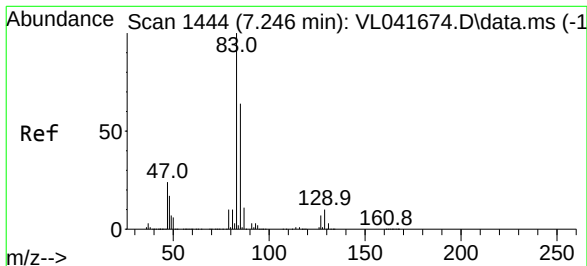
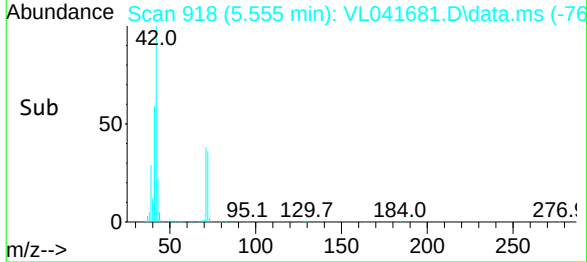
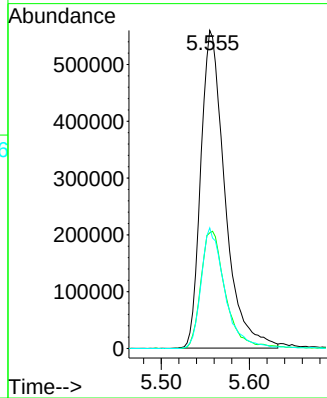
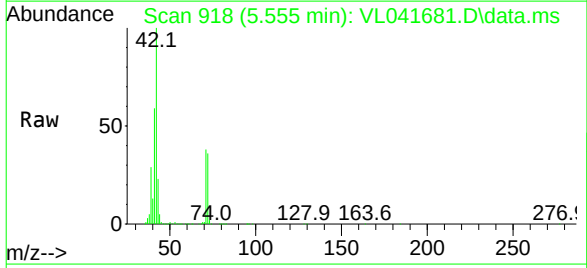
#41
Tetrahydrofuran
Concen: 11.067 ppbv
RT: 5.555 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

Tgt Ion: 42 Resp: 1065202
Ion Ratio Lower Upper
42 100
72 37.9 29.8 44.6
71 37.5 29.4 44.2

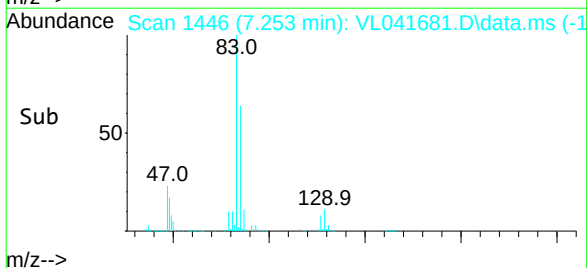
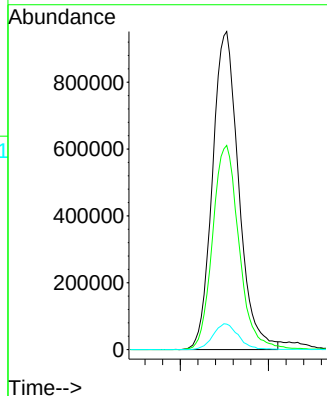
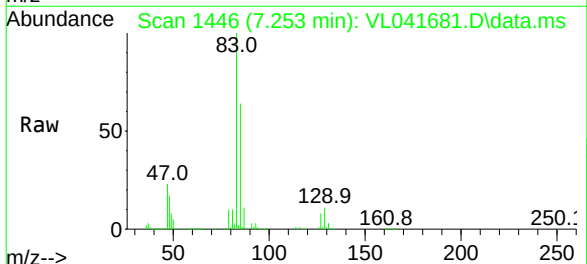
Manual Integrations
APPROVED

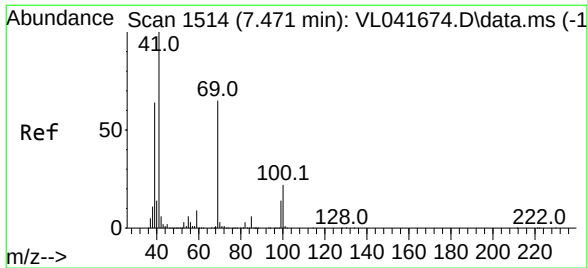
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#42
Bromodichloromethane
Concen: 10.002 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

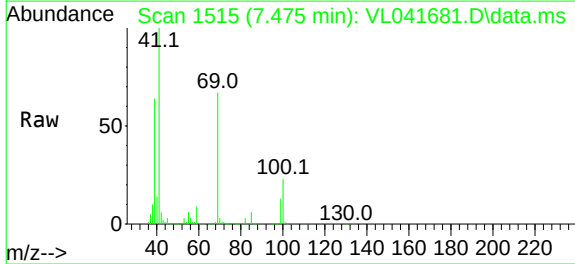
Tgt Ion: 83 Resp: 1966589
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8
127 8.0 6.0 9.0





#43
Methyl Methacrylate
Concen: 11.473 ppbv
RT: 7.475 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

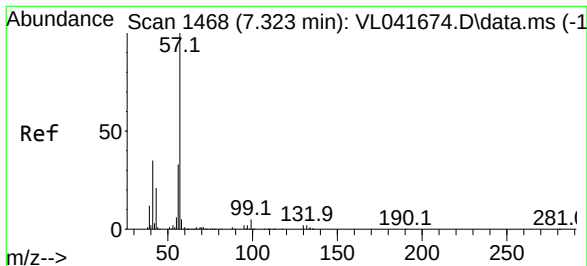
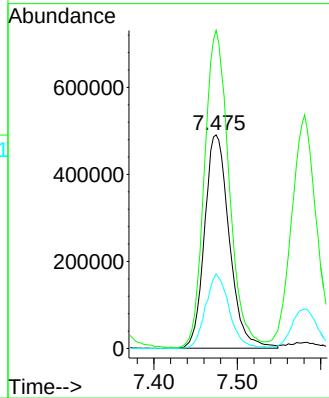
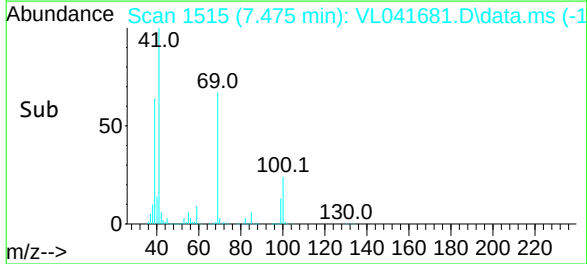
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



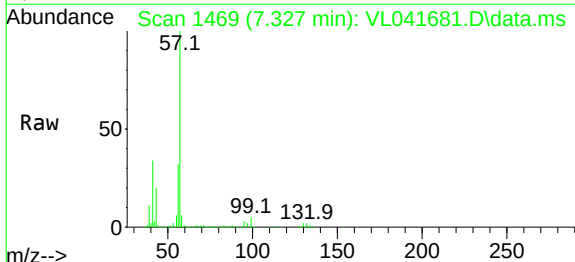
Tgt Ion: 69 Resp: 1010315
Ion Ratio Lower Upper
69 100
41 148.9 119.8 179.6
100 33.6 27.3 40.9

Manual Integrations
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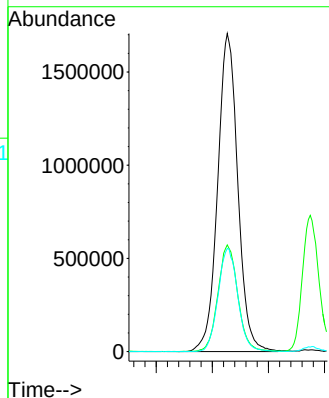
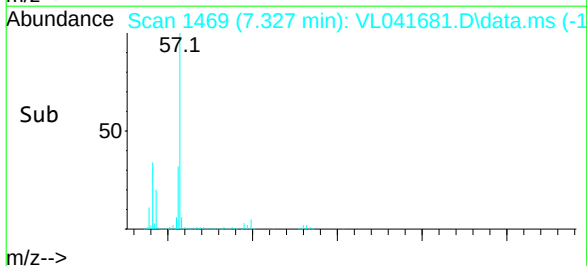
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

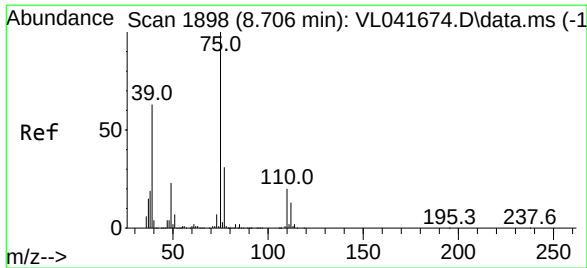


#44
2,2,4-Trimethylpentane
Concen: 10.012 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



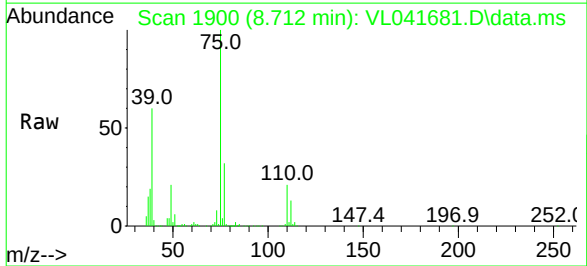
Tgt Ion: 57 Resp: 4253439
Ion Ratio Lower Upper
57 100
41 33.1 27.0 40.6
56 31.9 25.8 38.6





#45
t-1,3-Dichloropropene
Concen: 12.176 ppbv
RT: 8.712 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

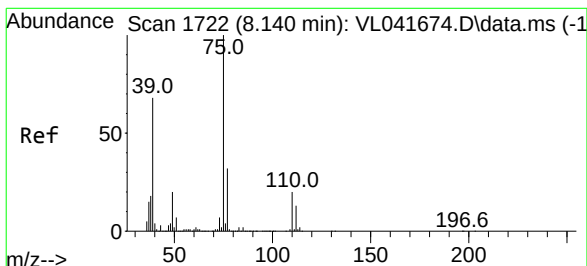
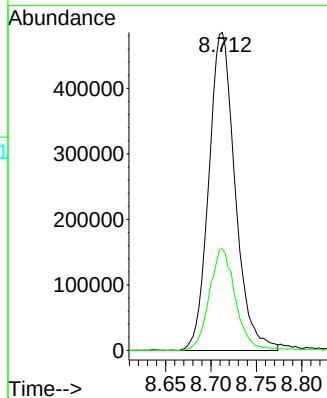
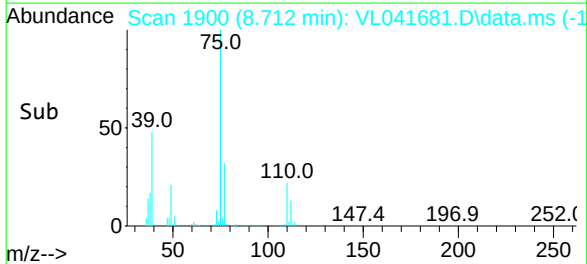
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion: 75 Resp: 979763
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1

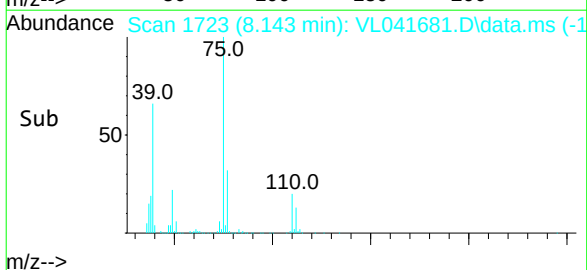
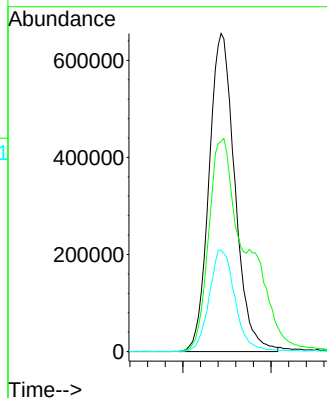
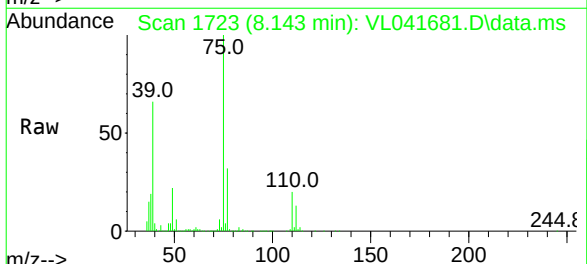
Manual Integrations
APPROVED

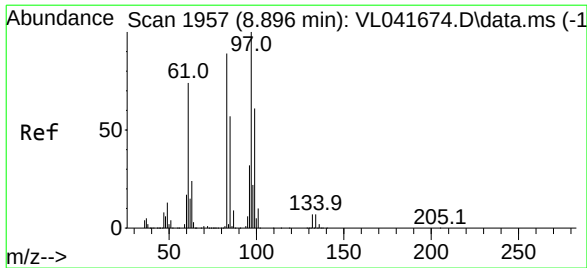
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#46
cis-1,3-Dichloropropene
Concen: 11.555 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

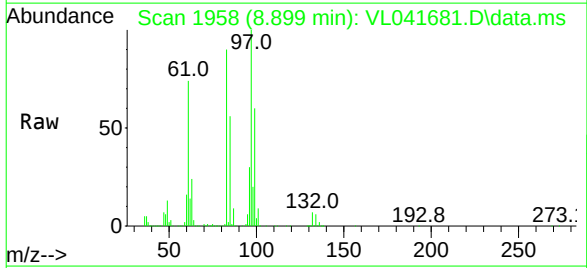
Tgt Ion: 75 Resp: 1335370
Ion Ratio Lower Upper
75 100
39 66.0 54.1 81.1
77 31.8 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.583 ppbv
RT: 8.899 min Scan# 1957
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

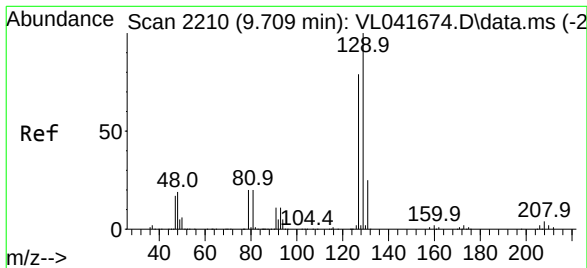
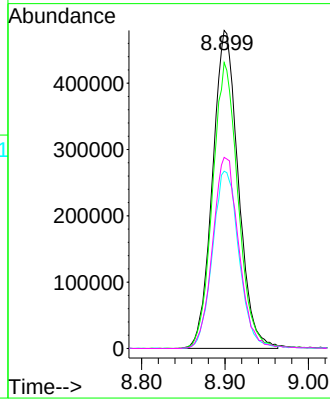
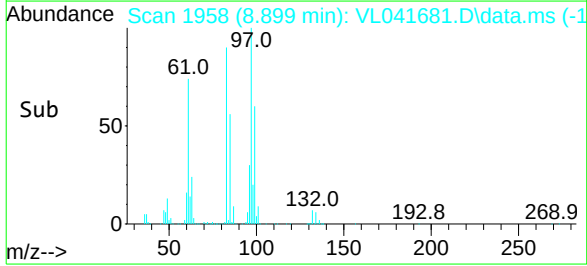
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion: 97 Resp: 1027960
Ion Ratio Lower Upper
97 100
83 89.9 71.0 106.6
85 55.8 45.4 68.2
99 60.1 49.0 73.6

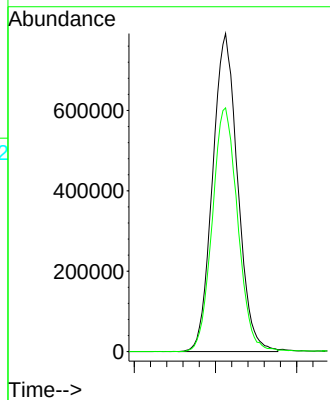
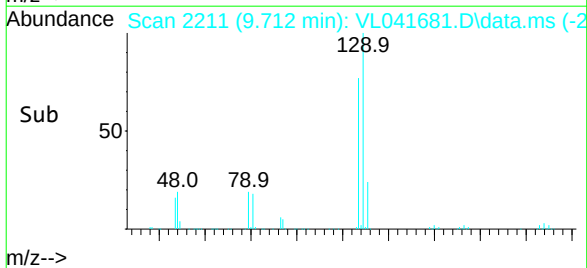
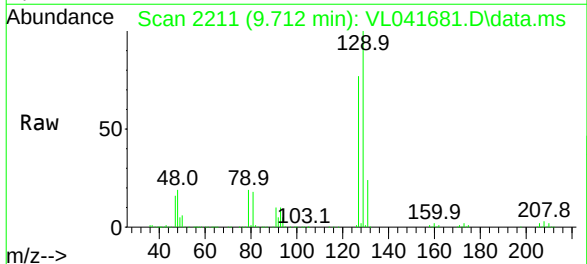
Manual Integrations
APPROVED

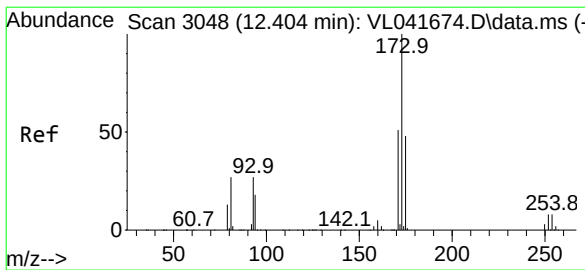
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#48
Dibromochloromethane
Concen: 10.410 ppbv
RT: 9.712 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Tgt Ion:129 Resp: 1697504
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#49

Bromoform

Concen: 10.519 ppbv

RT: 12.410 min Scan# 3048

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724

Tgt Ion: 173 Resp: 1467565

Ion Ratio Lower Upper

173 100

175 49.4 39.2 58.8

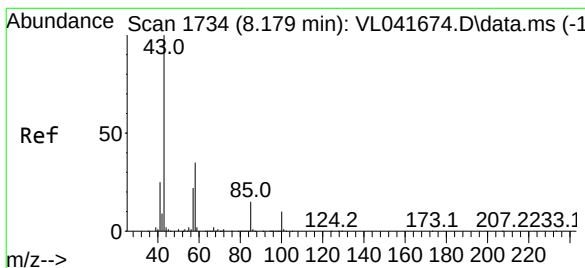
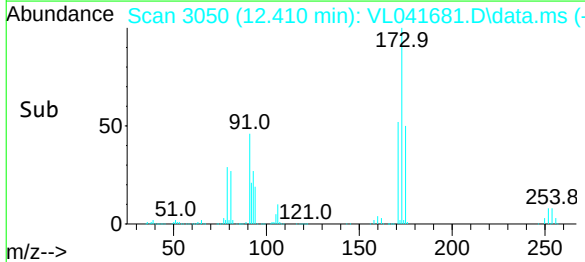
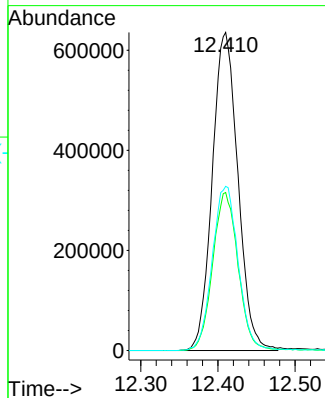
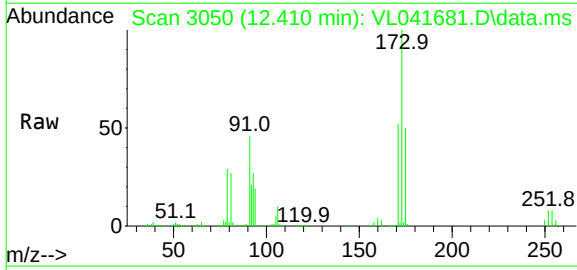
171 52.4 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#50

4-Methyl-2-Pentanone

Concen: 10.513 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VL041681.D

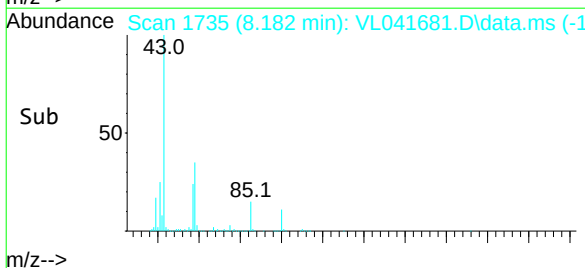
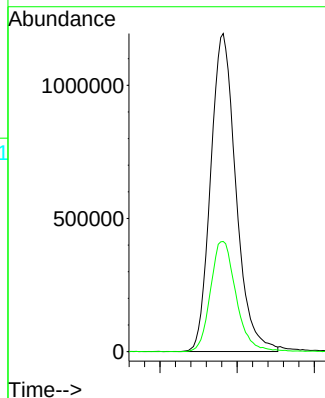
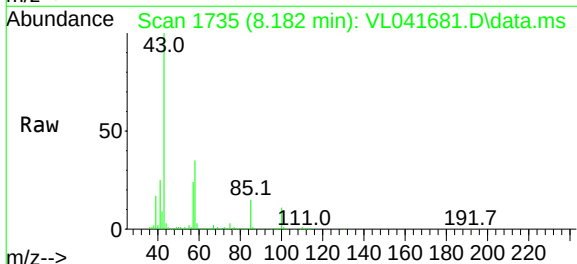
Acq: 7 Nov 2024 14:51

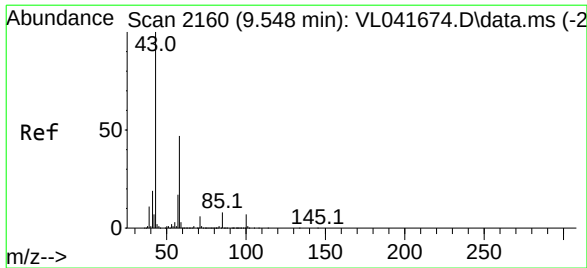
Tgt Ion: 43 Resp: 2720056

Ion Ratio Lower Upper

43 100

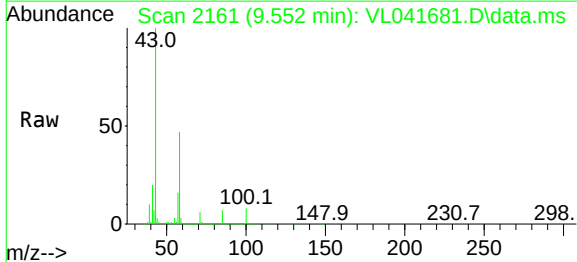
58 35.1 27.7 41.5





#51
2-Hexanone
Concen: 11.315 ppbv
RT: 9.552 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

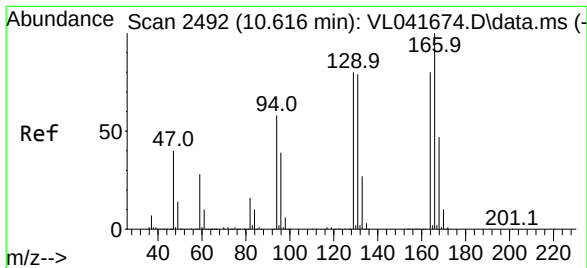
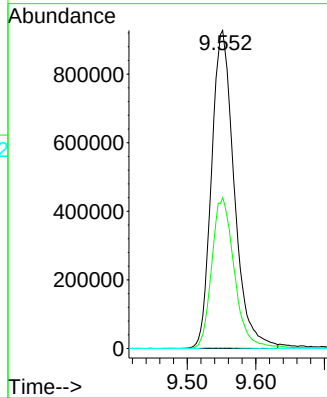
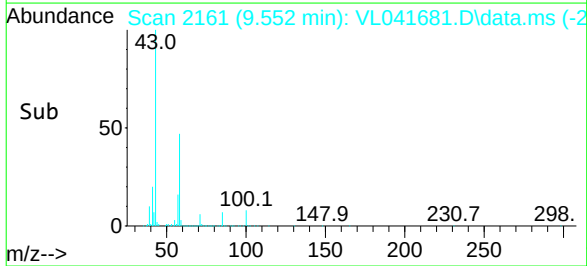
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



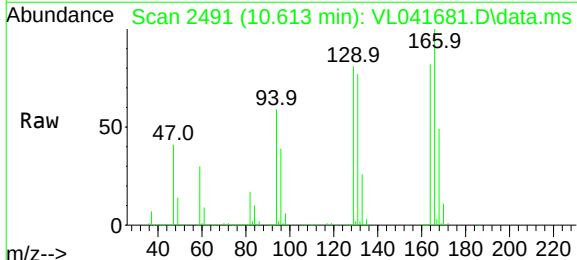
Tgt Ion: 43 Resp: 2131991
Ion Ratio Lower Upper
43 100
58 47.9 37.0 55.6
98 0.3 0.6 0.8

Manual Integrations
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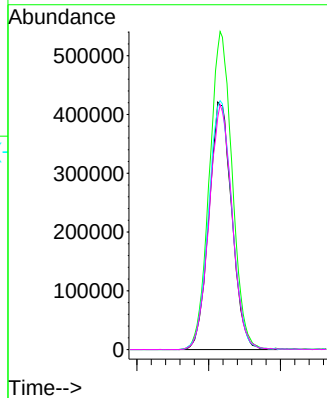
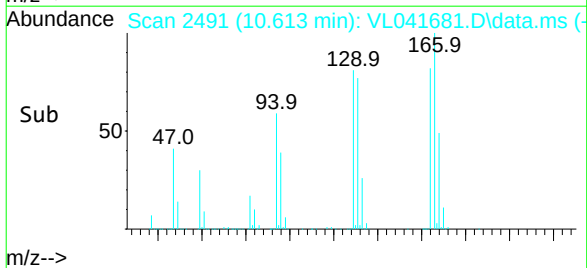
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

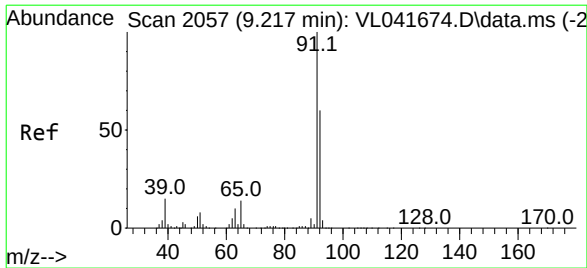


#52
Tetrachloroethene
Concen: 10.901 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



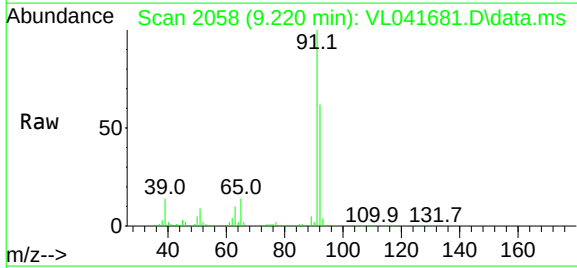
Tgt Ion:164 Resp: 931693
Ion Ratio Lower Upper
164 100
166 121.3 100.2 150.4
129 98.3 79.7 119.5
131 94.0 79.0 118.4





#53
Toluene
Concen: 10.997 ppbv
RT: 9.220 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

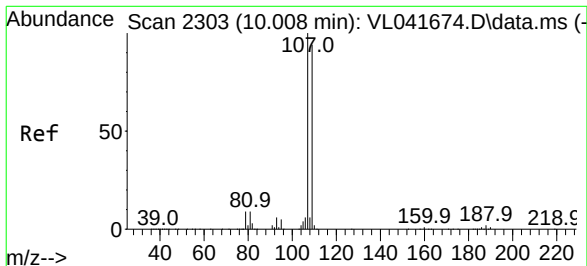
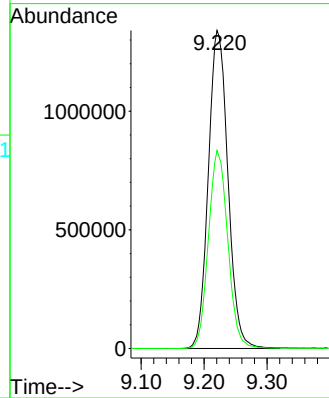
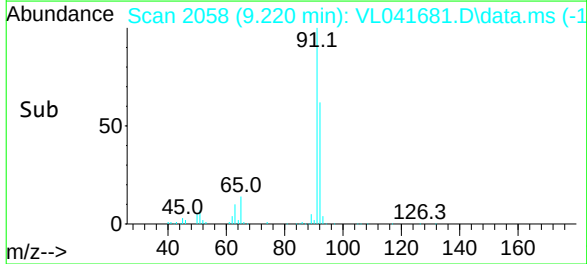
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



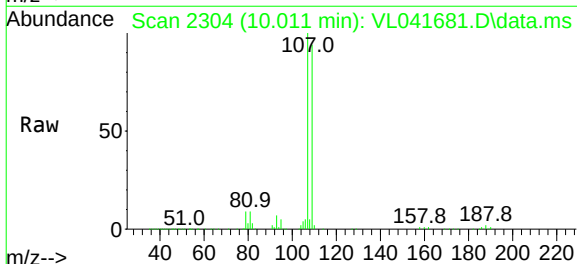
Tgt Ion: 91 Resp: 2900278
Ion Ratio Lower Upper
91 100
92 61.6 49.0 73.4

Manual Integrations
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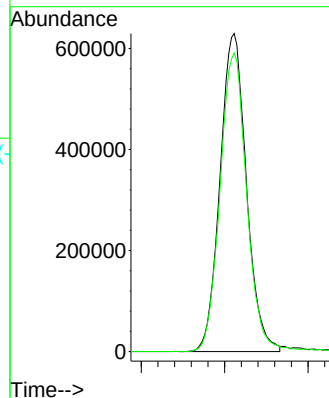
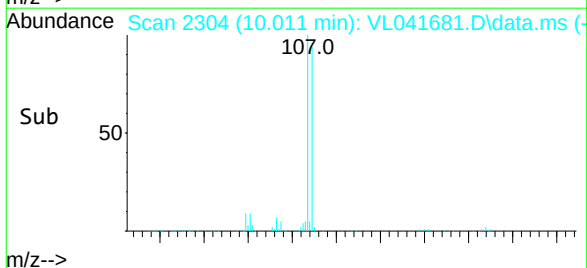
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

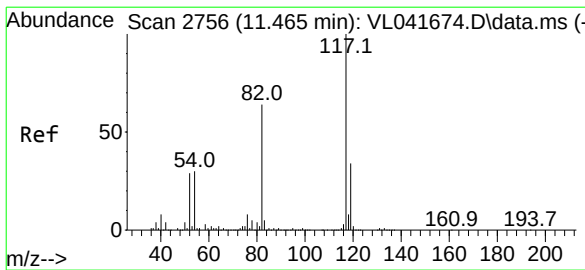


#54
1,2-Dibromoethane
Concen: 11.043 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



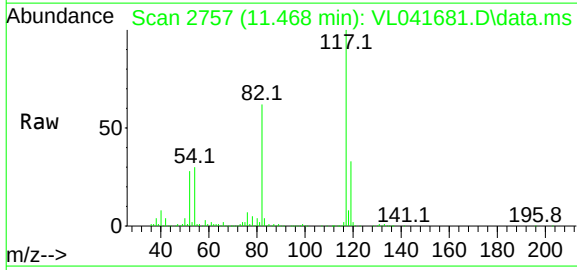
Tgt Ion:107 Resp: 1383939
Ion Ratio Lower Upper
107 100
109 93.9 74.9 112.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.468 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

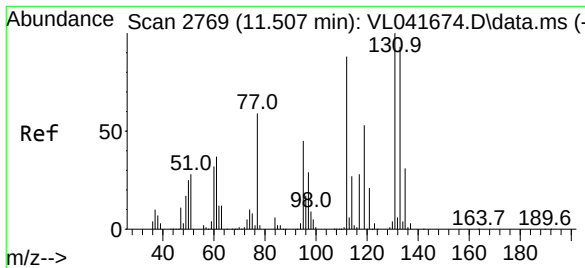
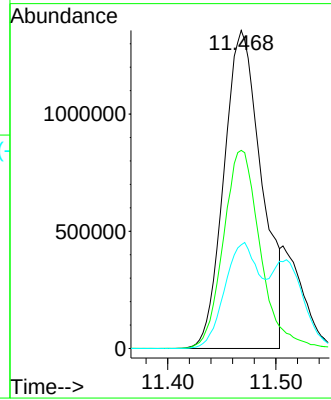
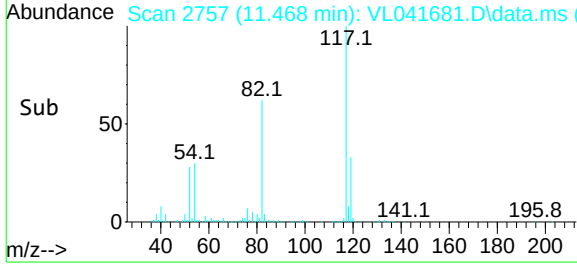
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



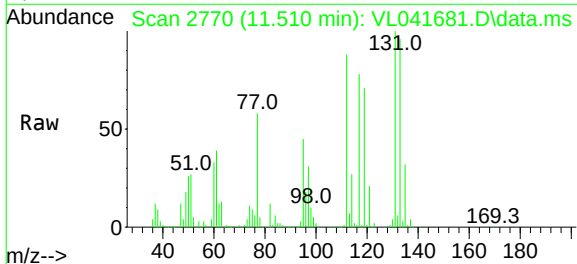
Tgt Ion:117 Resp: 3288136
Ion Ratio Lower Upper
117 100
82 61.5 49.8 74.8
119 30.8 24.2 36.4

Manual Integrations
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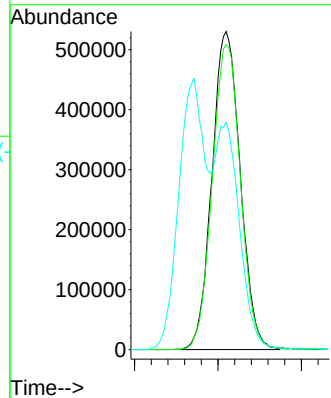
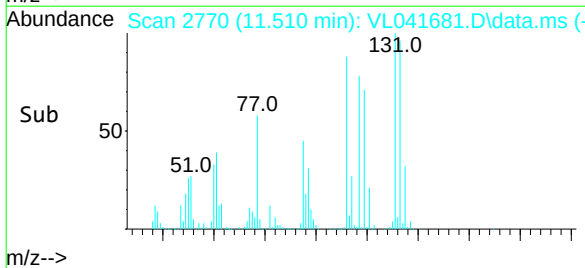
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

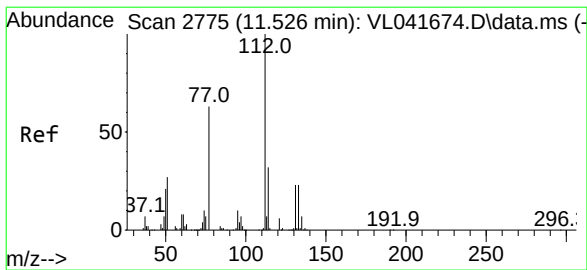


#56
1,1,1,2-Tetrachloroethane
Concen: 9.206 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



Tgt Ion:131 Resp: 1248422
Ion Ratio Lower Upper
131 100
133 96.0 76.5 114.7
119 64.6 49.8 74.8





#57

Chlorobenzene

Concen: 9.199 ppbv

RT: 11.529 min Scan# 2775

Delta R.T. 0.003 min

Lab File: VL041681.D

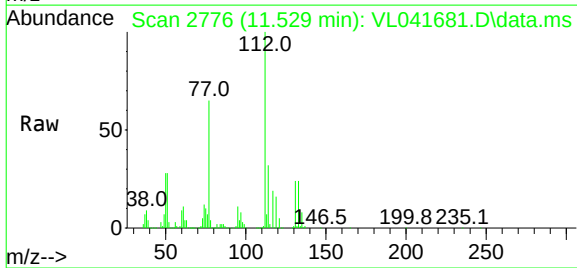
Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724



Tgt Ion:112 Resp: 2237120

Ion Ratio Lower Upper

112 100

77 64.7 51.4 77.2

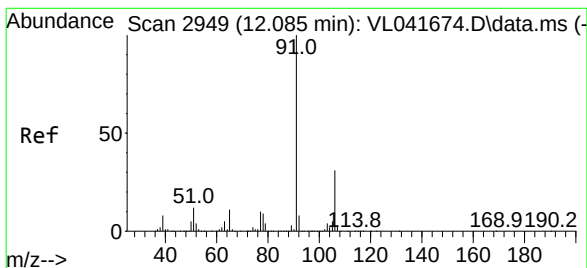
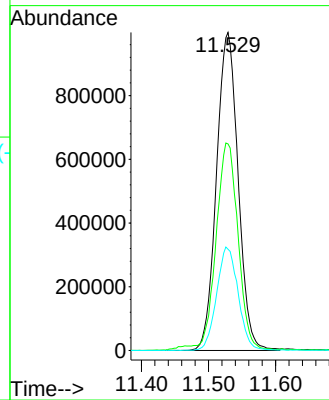
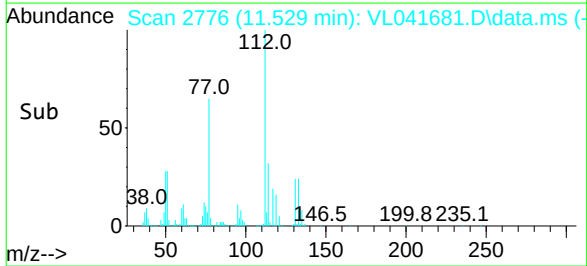
114 31.8 28.4 34.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#58

Ethyl Benzene

Concen: 10.696 ppbv

RT: 12.092 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VL041681.D

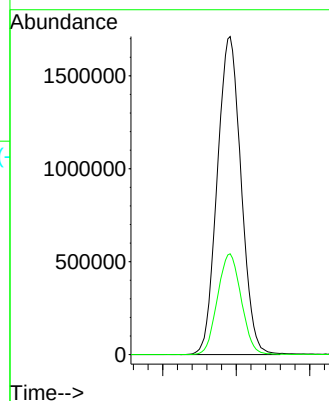
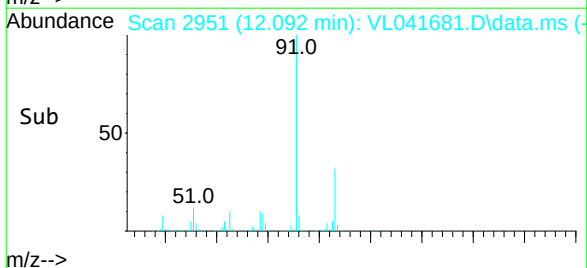
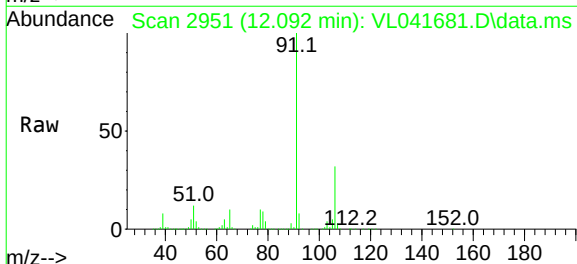
Acq: 7 Nov 2024 14:51

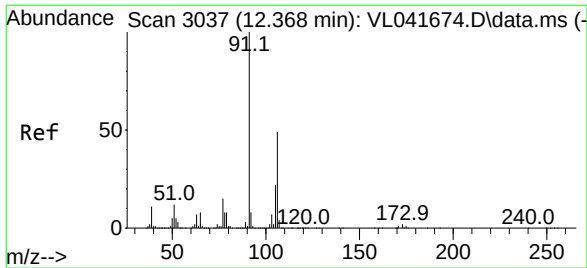
Tgt Ion: 91 Resp: 3855683

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3





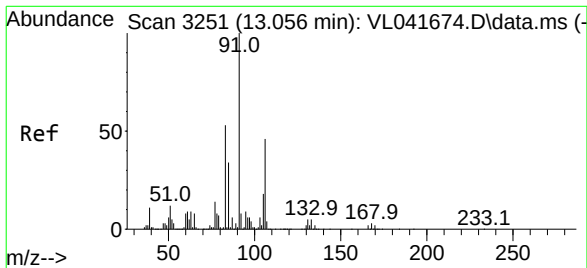
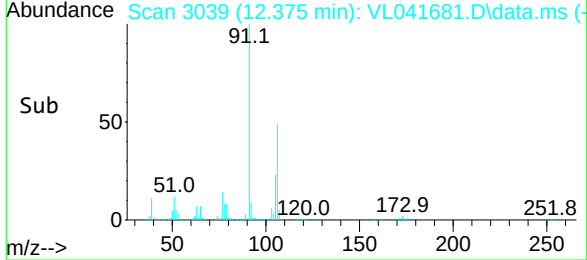
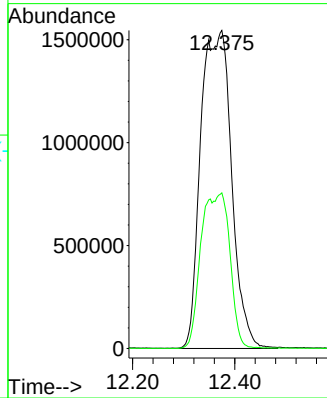
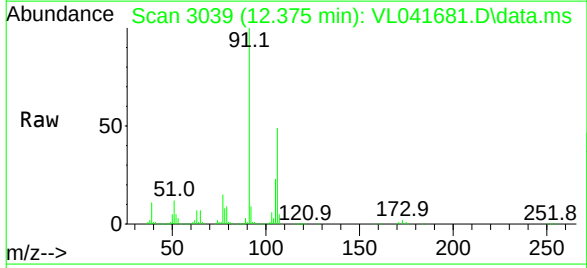
#59
m/p-Xylene
Concen: 20.029 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

Tgt Ion: 91 Resp: 6465658
Ion Ratio Lower Upper
91 100
106 45.9 36.9 55.3

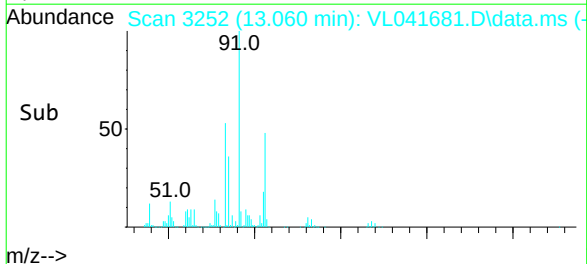
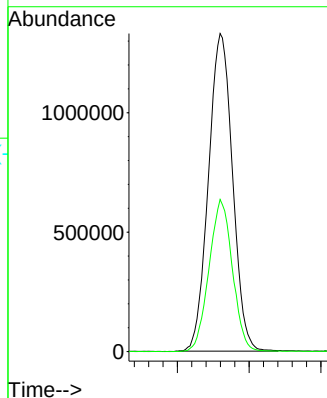
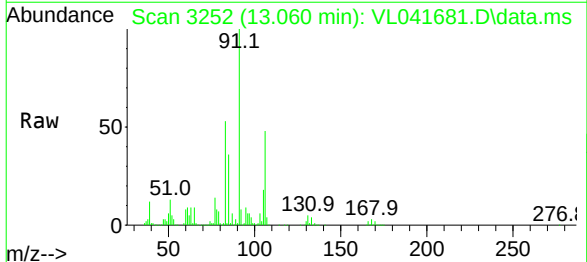
Manual Integrations
APPROVED

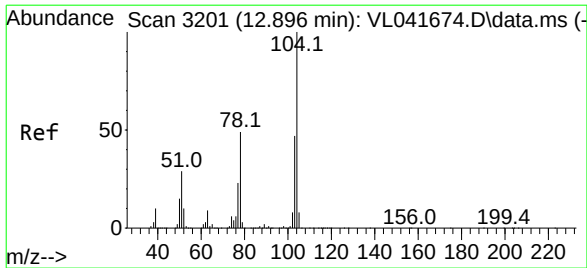
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#60
o-Xylene
Concen: 10.084 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

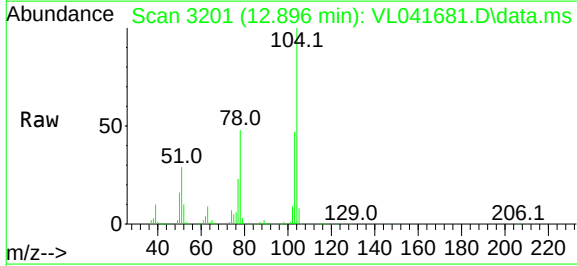
Tgt Ion: 91 Resp: 3103973
Ion Ratio Lower Upper
91 100
106 46.6 23.2 69.6





#61
Styrene
Concen: 12.089 ppbv
RT: 12.896 min Scan# 3201
Delta R.T. 0.000 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

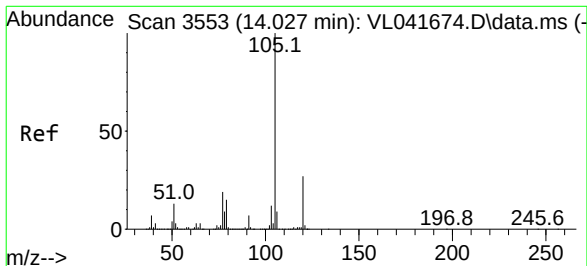
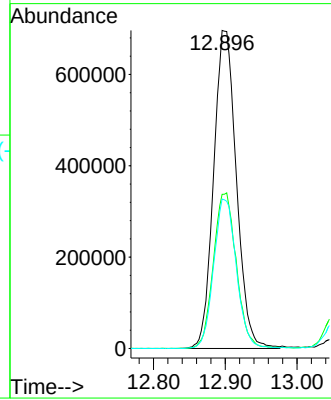
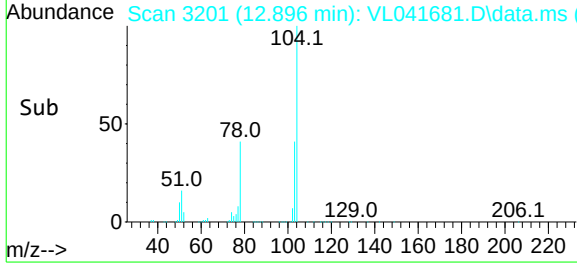
Instrument : MSVOA_L
ClientSampleId : ICVVL110724



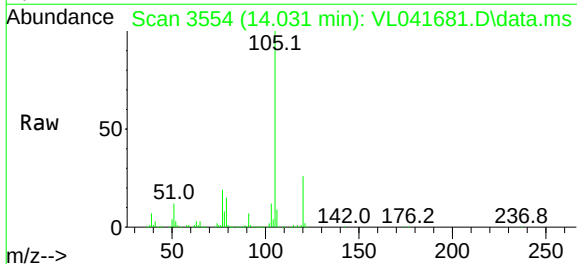
Tgt Ion:104 Resp: 1535856
Ion Ratio Lower Upper
104 100
78 49.5 39.8 59.8
103 47.1 37.4 56.0

Manual Integrations
APPROVED

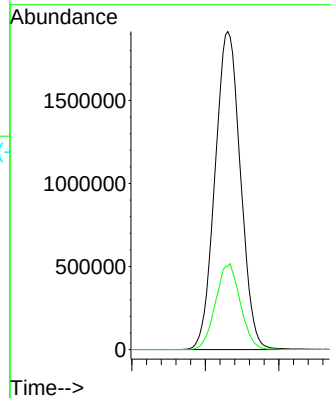
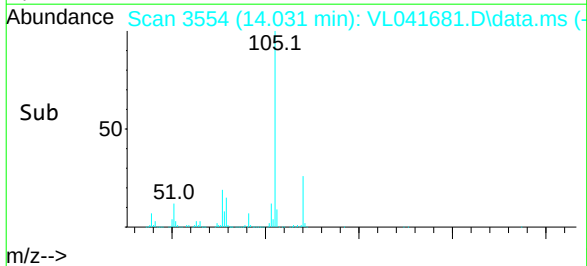
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

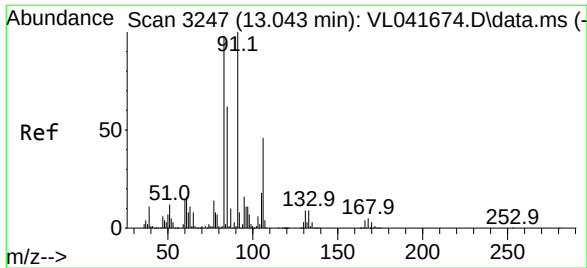


#62
Isopropylbenzene
Concen: 9.687 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



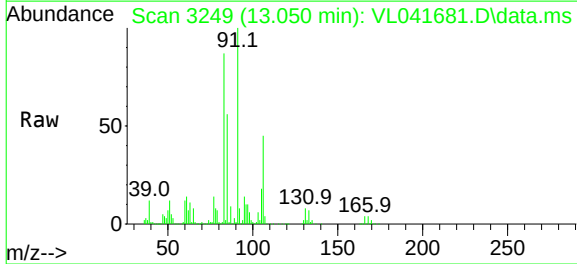
Tgt Ion:105 Resp: 4605291
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7





#63
1,1,2,2-Tetrachloroethane
Concen: 9.458 ppbv
RT: 13.050 min Scan# 3247
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

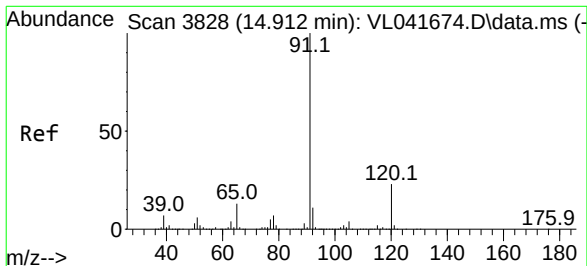
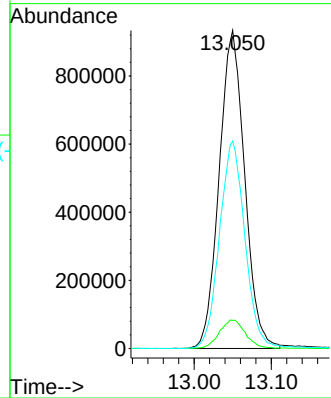
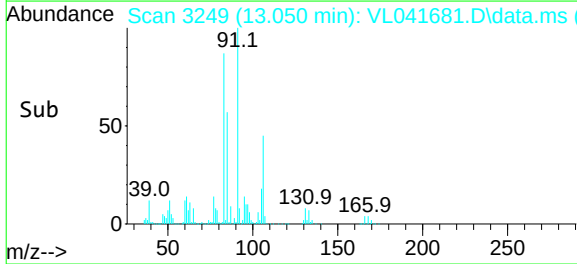
Instrument : MSVOA_L
ClientSampleId : ICVVL110724



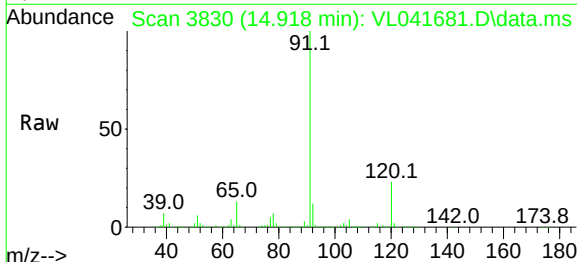
Tgt Ion: 83 Resp: 2141628
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 65.7 32.6 98.0

Manual Integrations
APPROVED

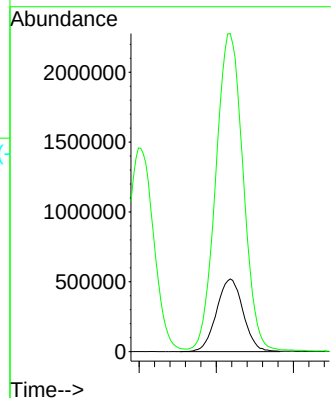
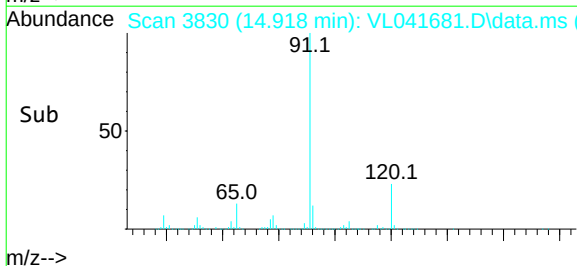
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

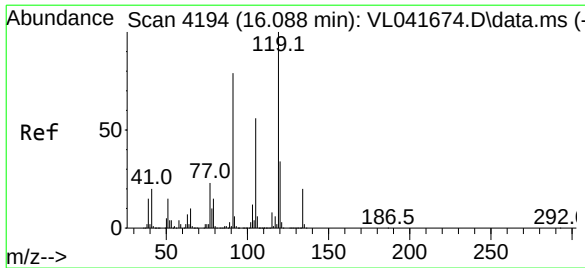


#64
n-propylbenzene
Concen: 9.983 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



Tgt Ion:120 Resp: 1242370
Ion Ratio Lower Upper
120 100
91 453.8 362.4 543.6





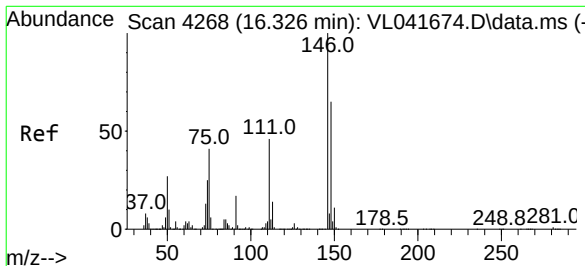
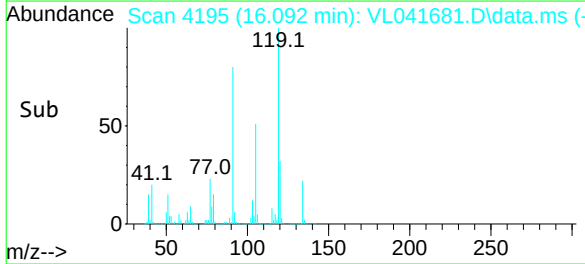
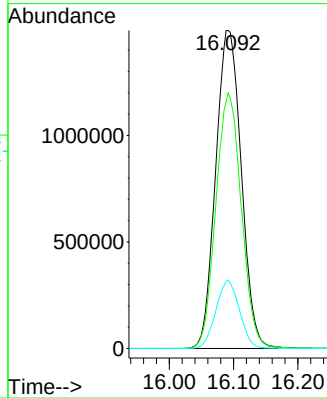
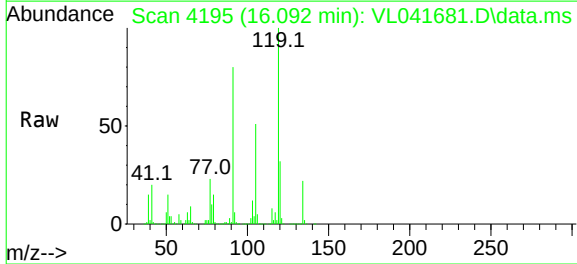
#65
tert-Butylbenzene
Concen: 9.661 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724

Tgt Ion:119 Resp: 4128166
Ion Ratio Lower Upper
119 100
91 80.0 64.3 96.5
134 19.9 15.8 23.8

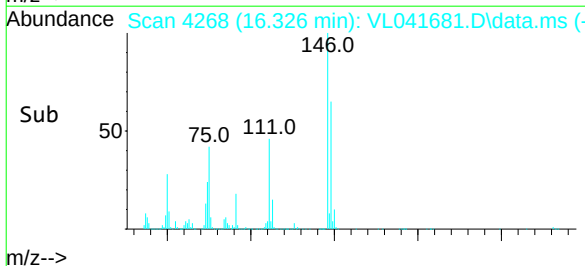
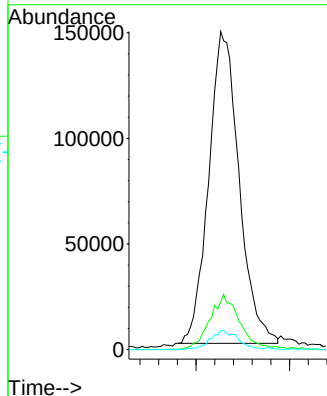
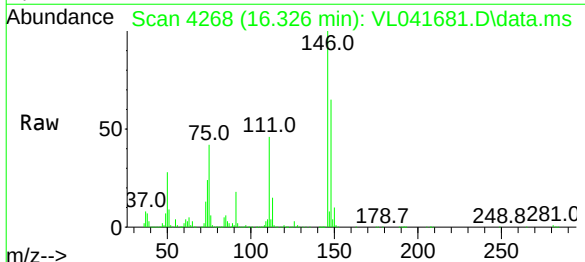
Manual Integrations
APPROVED

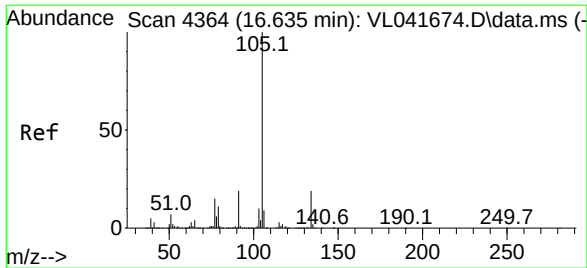
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#66
Benzyl Chloride
Concen: 10.145 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

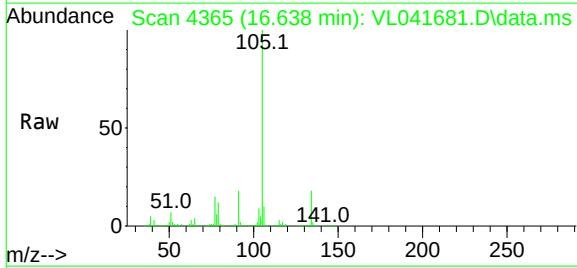
Tgt Ion: 91 Resp: 333479
Ion Ratio Lower Upper
91 100
126 17.7 13.8 20.6
128 5.8 4.3 6.5





#67
sec-Butylbenzene
Concen: 9.584 ppbv
RT: 16.638 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

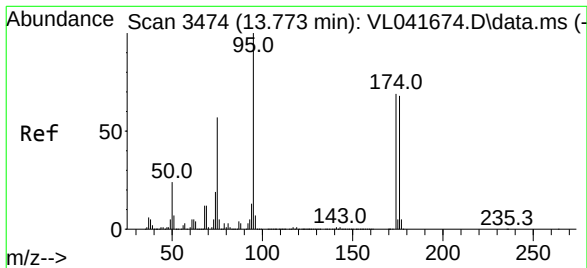
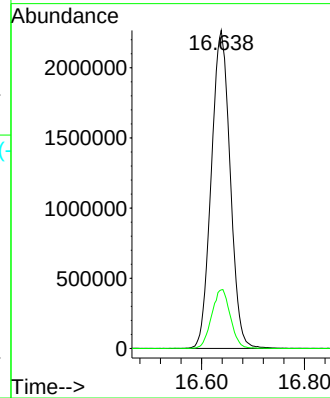
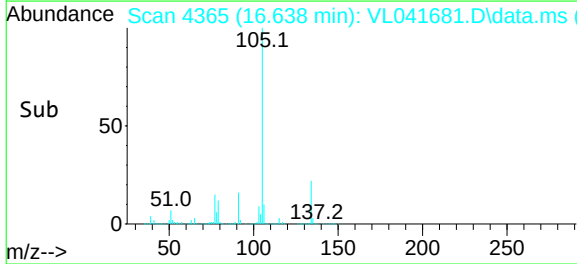
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



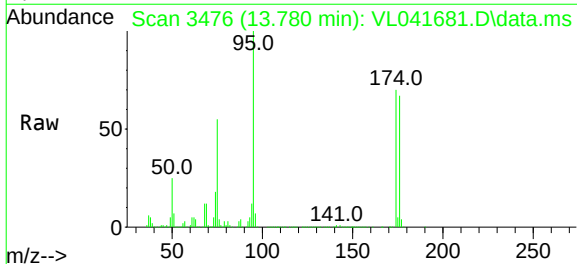
Tgt Ion:105 Resp: 5771671
Ion Ratio Lower Upper
105 100
134 18.4 14.6 22.0

Manual Integrations
APPROVED

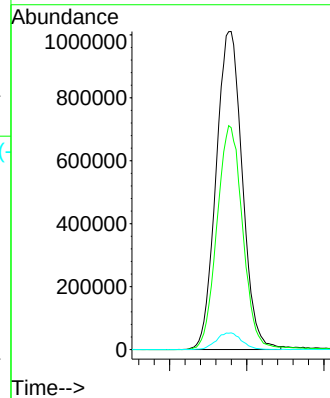
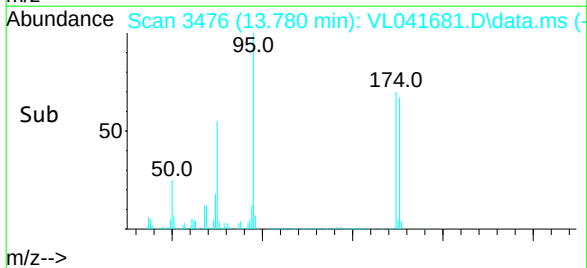
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

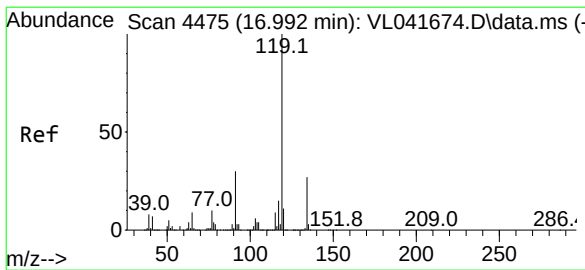


#68
1-Bromo-4-Fluorobenzene
Concen: 9.843 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



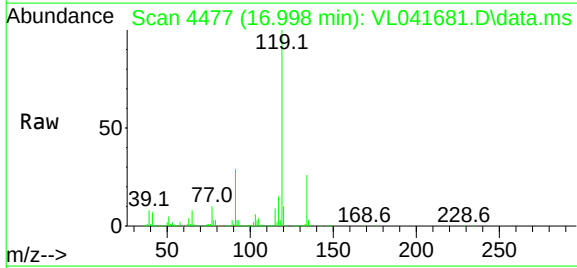
Tgt Ion: 95 Resp: 2384630
Ion Ratio Lower Upper
95 100
174 69.7 55.6 83.4
175 5.2 4.2 6.2





#69
p-Isopropyltoluene
Concen: 9.944 ppbv
RT: 16.998 min Scan# 4475
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

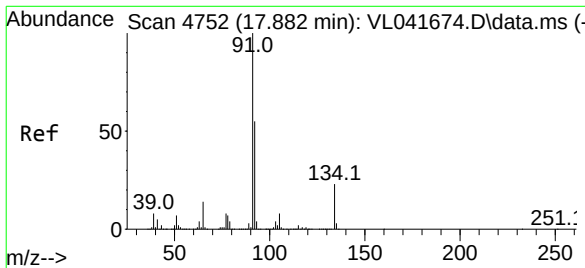
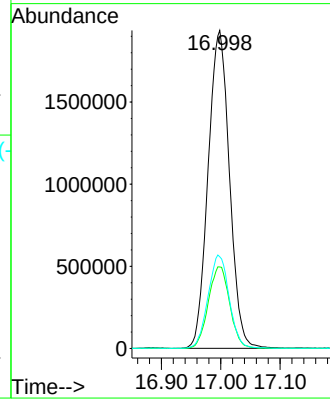
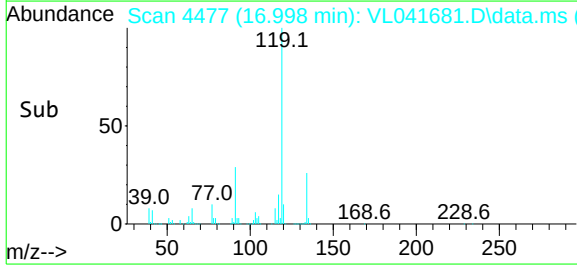
Instrument : MSVOA_L
ClientSampleId : ICVVL110724



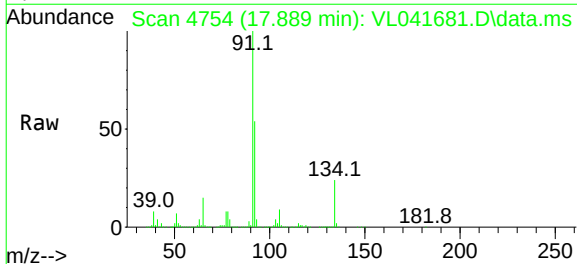
Tgt Ion: 119 Resp: 4841188
Ion Ratio Lower Upper
119 100
134 25.9 20.8 31.2
91 29.0 23.2 34.8

Manual Integrations
APPROVED

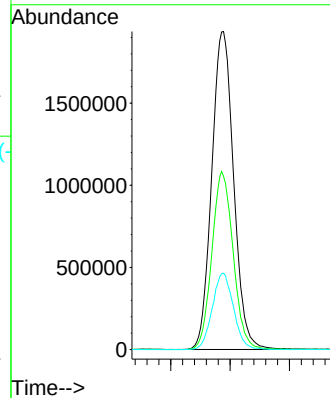
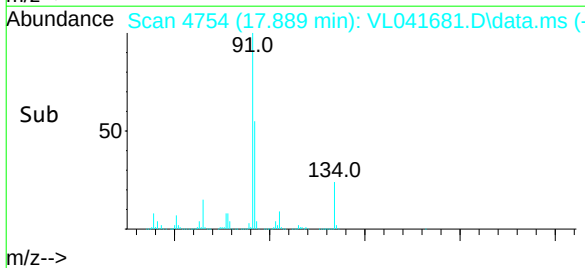
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

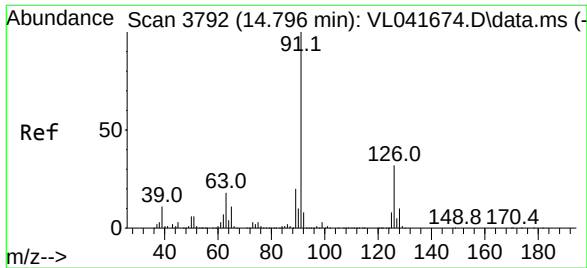


#70
n-Butylbenzene
Concen: 9.960 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



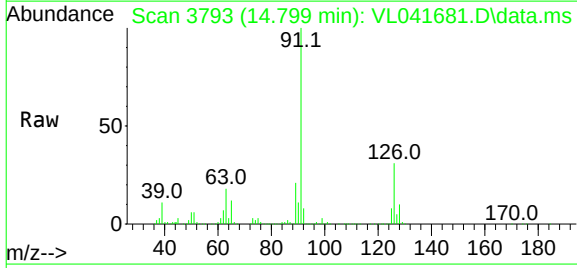
Tgt Ion: 91 Resp: 4961330
Ion Ratio Lower Upper
91 100
92 54.5 43.3 64.9
134 23.3 18.4 27.6





#71
2-Chlorotoluene
Concen: 10.121 ppbv
RT: 14.799 min Scan# 3792
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

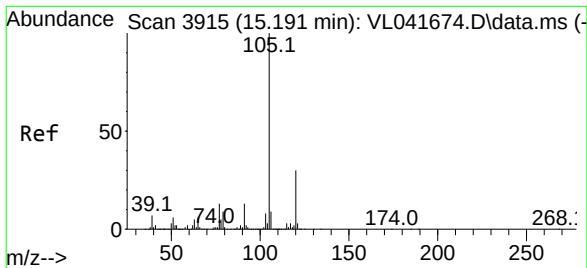
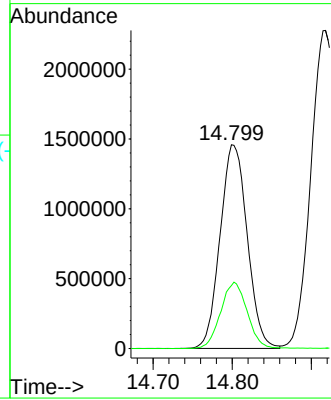
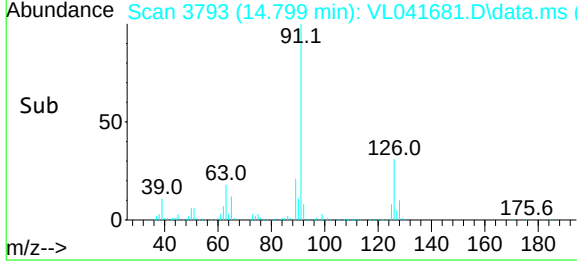
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



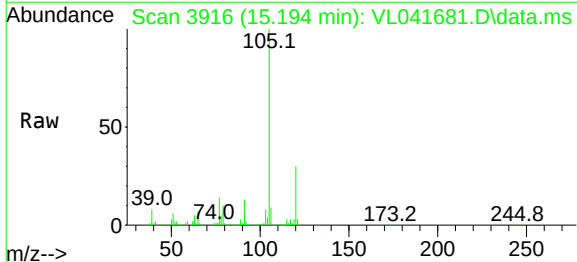
Tgt Ion: 91 Resp: 3477879
Ion Ratio Lower Upper
91 100
126 32.1 12.8 51.0

Manual Integrations
APPROVED

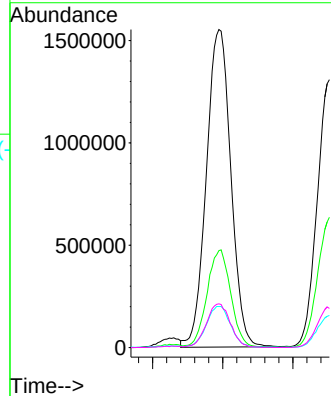
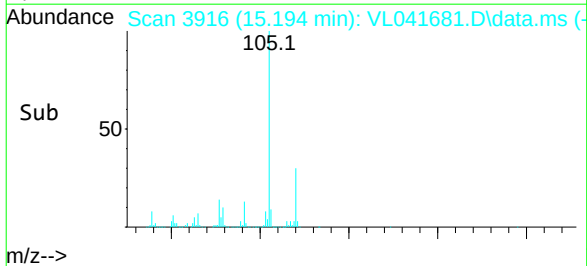
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

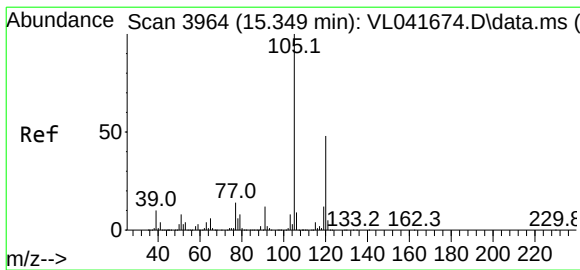


#72
4-Ethyltoluene
Concen: 10.522 ppbv
RT: 15.194 min Scan# 3916
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



Tgt Ion:105 Resp: 3765544
Ion Ratio Lower Upper
105 100
120 30.8 25.0 37.4
91 12.7 10.6 15.8
77 14.1 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.077 ppbv

RT: 15.352 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724

Tgt Ion:105 Resp: 3164645

Ion Ratio Lower Upper

105 100

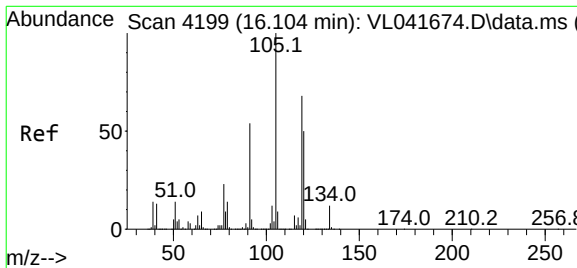
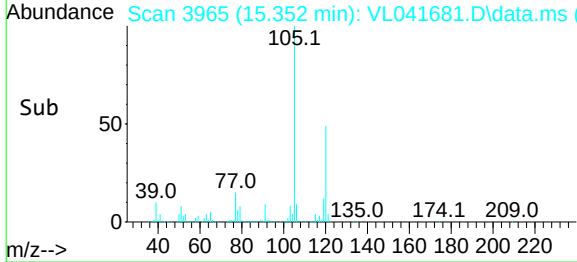
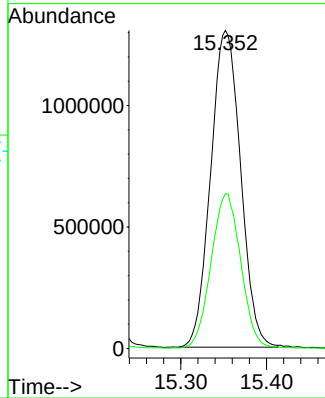
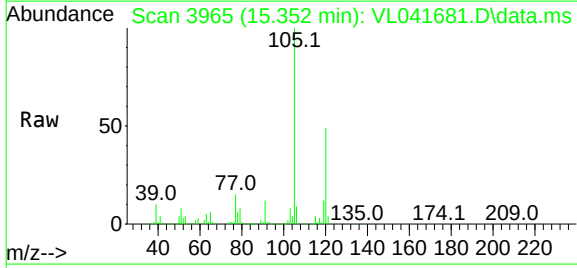
120 48.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.621 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.006 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Tgt Ion:105 Resp: 3509579

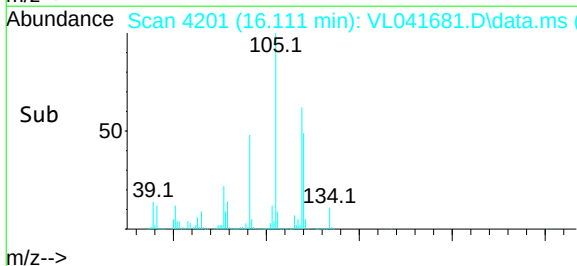
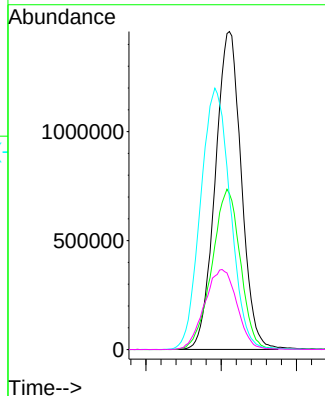
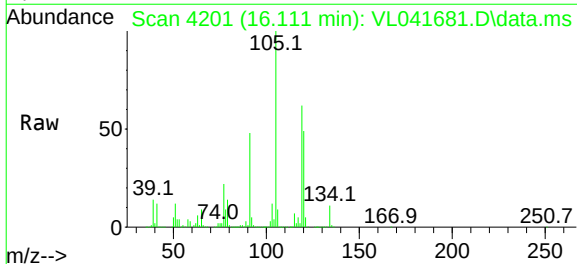
Ion Ratio Lower Upper

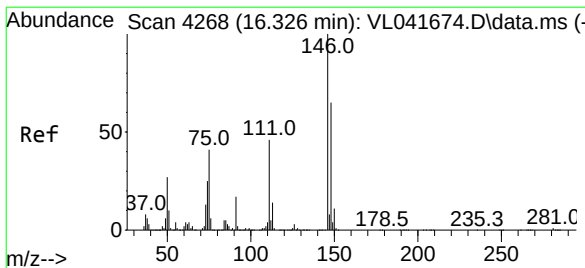
105 100

120 48.9 39.8 59.8

91 47.4 43.2 64.8

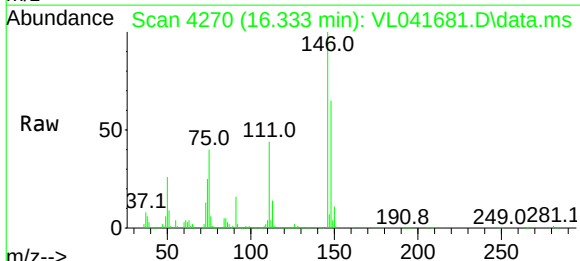
77 22.0 18.5 27.7





#75
1,3-Dichlorobenzene
Concen: 9.530 ppbv
RT: 16.333 min Scan# 4268
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

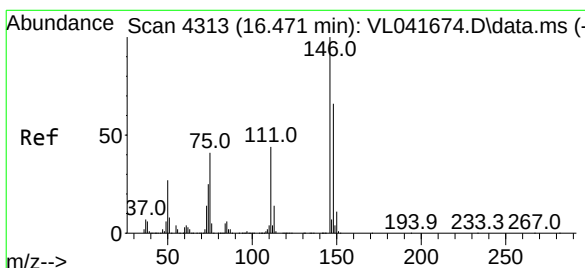
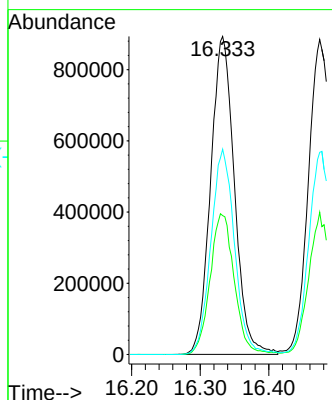
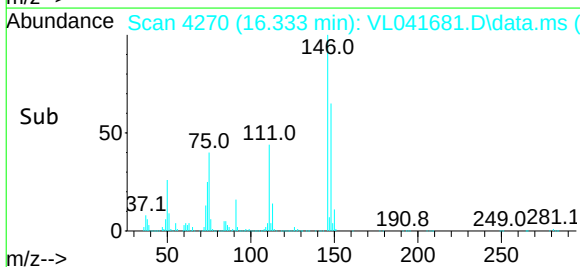
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion:146 Resp: 2153016
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.3
148 64.3 32.4 97.0

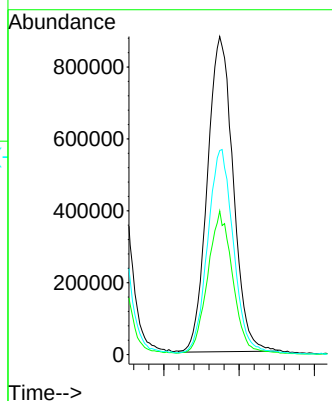
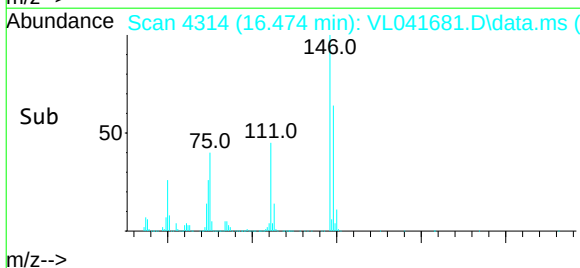
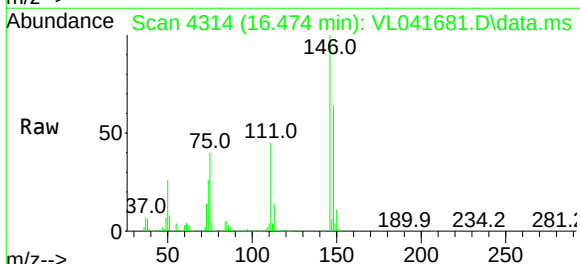
Manual Integrations
APPROVED

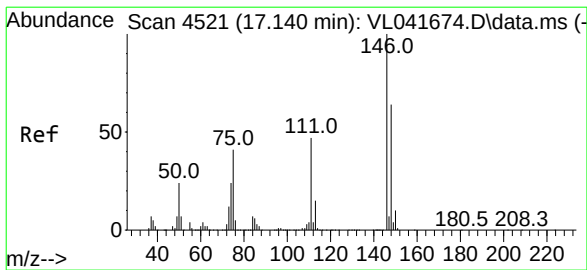
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#76
1,4-Dichlorobenzene
Concen: 9.578 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

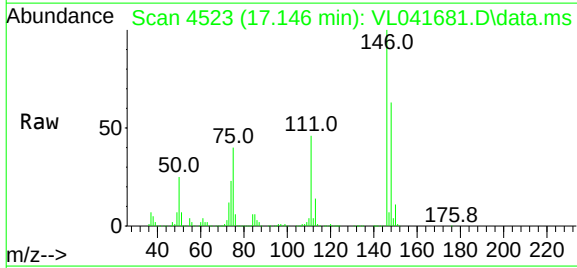
Tgt Ion:146 Resp: 2087766
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 65.8 33.3 99.8





#77
1,2-Dichlorobenzene
Concen: 9.280 ppbv
RT: 17.146 min Scan# 4521
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

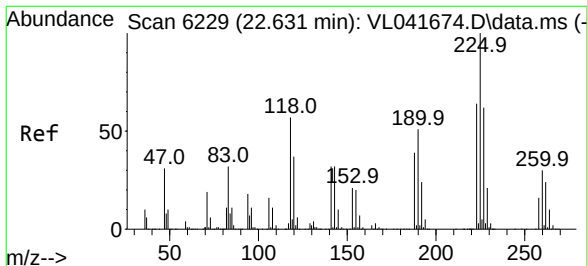
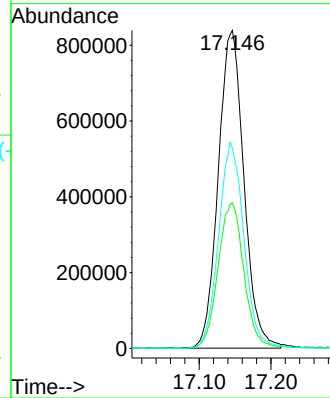
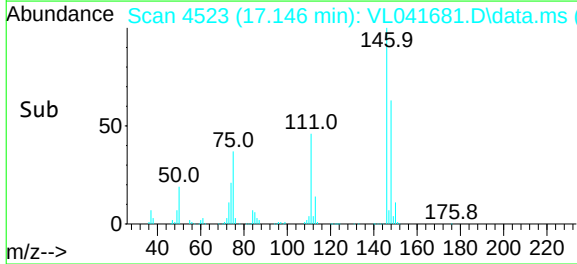
Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



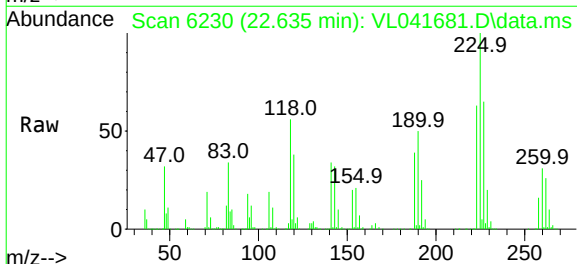
Tgt Ion:146 Resp: 2076942
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.3#
148 64.3 32.1 96.5

Manual Integrations
APPROVED

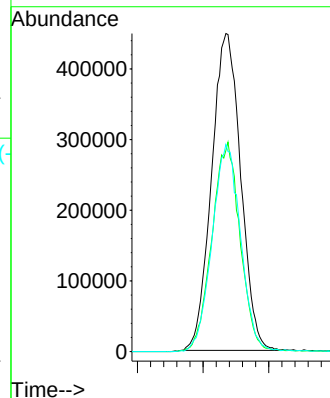
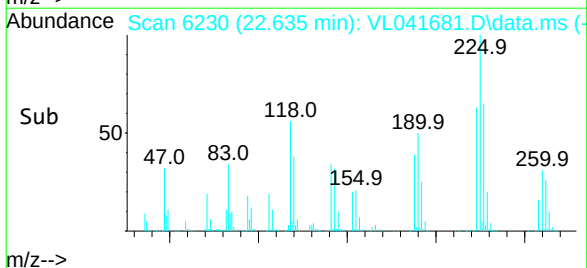
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

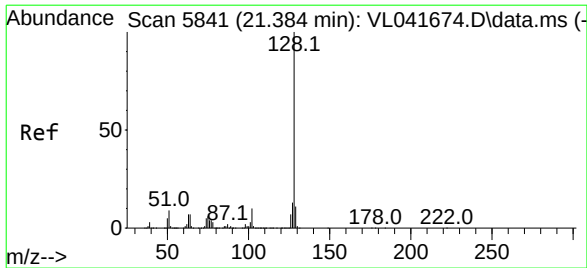


#78
Hexachloro-1,3-Butadiene
Concen: 7.801 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.003 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51



Tgt Ion:225 Resp: 1380777
Ion Ratio Lower Upper
225 100
223 64.4 51.1 76.7
227 64.3 51.3 76.9





#79

Naphthalene

Concen: 12.229 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL110724

Tgt Ion:128 Resp: 2753473

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

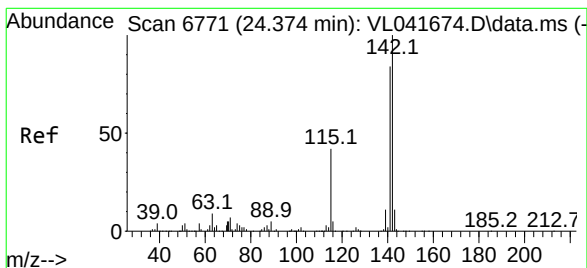
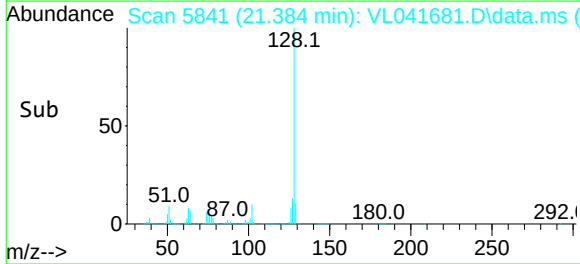
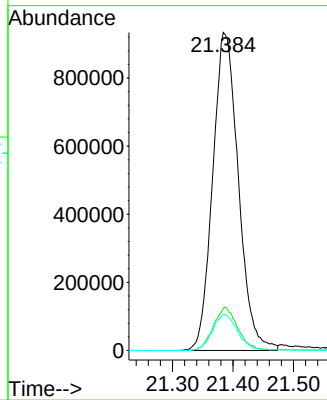
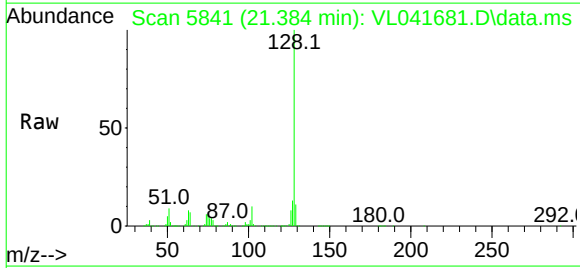
129 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024

Supervised By :Semsettin Yesilyurt 11/09/2024



#80

Naphthalene,2-methyl-

Concen: 11.866 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.000 min

Lab File: VL041681.D

Acq: 7 Nov 2024 14:51

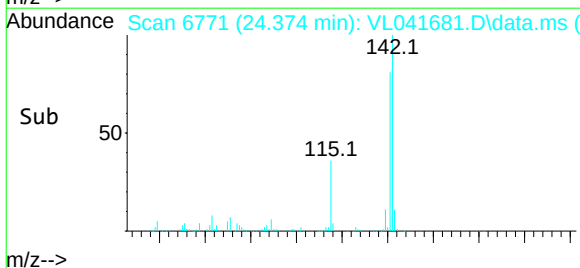
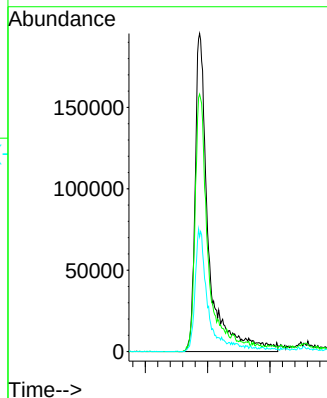
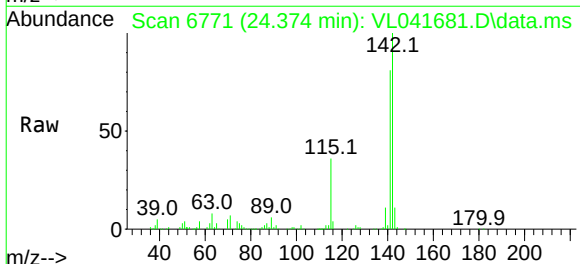
Tgt Ion:142 Resp: 582436

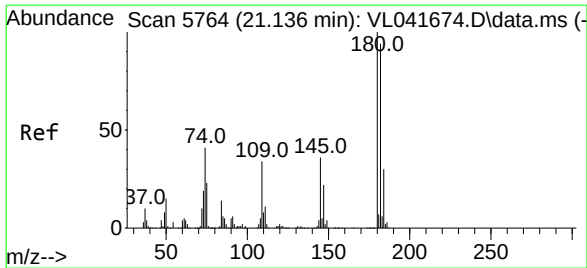
Ion Ratio Lower Upper

142 100

141 79.2 68.1 102.1

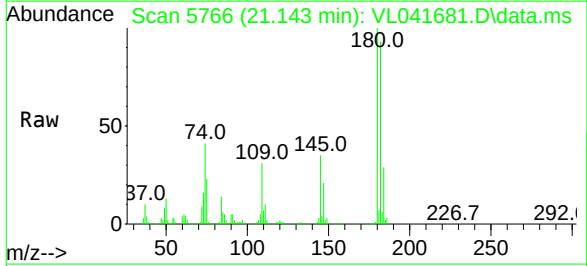
115 36.8 33.1 49.7





#81
1,2,4-Trichlorobenzene
Concen: 9.985 ppbv
RT: 21.143 min Scan# 5766
Delta R.T. 0.006 min
Lab File: VL041681.D
Acq: 7 Nov 2024 14:51

Instrument :
MSVOA_L
ClientSampleId :
ICVVL110724



Tgt Ion:180 Resp: 1413820

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.2	117.2
184	31.2	25.0	37.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024

