

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041323.D
 Acq On : 5 Jun 2024 12:06
 Operator : SY/MD
 Sample : VL0605ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 04:37:50 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	898290	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2367866	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2332056m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1774455 9.855 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.764	85	1452294	10.124	ppbv	99
3) Chlorodifluoromethane	2.710	51	1403396	9.886	ppbv	99
4) Chloromethane	2.845	50	530102	9.921	ppbv	100
5) Vinyl Chloride	2.954	62	534327	9.927	ppbv	96
6) Bromomethane	3.150	94	163865	8.562	ppbv	91
7) Chloroethane	3.227	64	185035	9.985	ppbv	91
8) Dichlorotetrafluoroethane	2.890	85	1290116	9.779	ppbv	98
9) Propene	2.729	41	486231	9.616	ppbv	98
10) Heptane	7.590	43	1215870	10.145	ppbv	99
11) Trichlorofluoromethane	3.591	101	1339584	10.158	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.089	101	916058	9.835	ppbv	97
13) Ethanol	3.266	45	125202	9.518	ppbv	99
14) Bromoethene	3.394	108	388588	10.308	ppbv	97
15) Acetone	3.494	43	1013349	9.880	ppbv	99
16) 1,3-Butadiene	3.015	39	534285	10.363	ppbv	98
17) tert-Butyl alcohol	3.899	59	979066	10.369	ppbv	99
18) 1,1-Dichloroethene	3.906	96	423811	10.666	ppbv	92
19) Isopropyl Alcohol	3.600	45	688955	10.692	ppbv	99
20) Methylene Chloride	3.957	84	365175	9.796	ppbv	98
21) Allyl Chloride	4.018	41	662675	10.199	ppbv	99
22) trans-1,2-Dichloroethene	4.468	96	439362	10.611	ppbv	94
23) Vinyl Acetate	4.645	43	1186969	11.316	ppbv	99
24) 1,1-Dichloroethane	4.584	63	933391	10.115	ppbv	99
25) Ethyl Acetate	5.221	43	2040635	10.057	ppbv	100
26) Hexane	5.227	57	901446	9.879	ppbv	98
27) Carbon Disulfide	4.147	76	1100415	10.888	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	661651	9.784	ppbv	99
29) Chloroform	5.295	83	1395454	9.968	ppbv	97
30) Cyclohexane	6.613	84	752370	10.173	ppbv	98
31) cis-1,2-Dichloroethene	5.095	61	898865	10.425	ppbv	97
32) 1,1,1-Trichloroethane	6.018	97	1394671	10.517	ppbv	99
34) 2-Butanone	4.806	43	1200209	10.580	ppbv	99
35) Carbon Tetrachloride	6.507	117	1436456	10.674	ppbv	97
36) Benzene	6.385	78	1880091	10.244	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1093034	10.215	ppbv	100
38) Trichloroethene	7.304	130	720798	9.691	ppbv	96
39) 1,2-Dichloropropane	7.089	63	728522	9.969	ppbv	99
40) 1,4-Dioxane	7.295	88	297649	11.121	ppbv	81
41) Tetrahydrofuran	5.571	42	765800	10.375	ppbv	100
42) Bromodichloromethane	7.259	83	1582673	10.299	ppbv	98
43) Methyl Methacrylate	7.488	69	763571	10.919	ppbv	99
44) 2,2,4-Trimethylpentane	7.340	57	3160096	10.011	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	476478	10.098	ppbv	99

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Quant Time: Jun 06 04:37:50 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

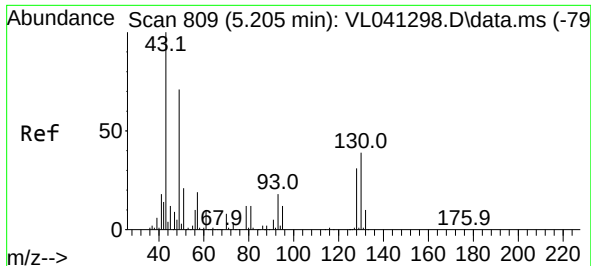
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

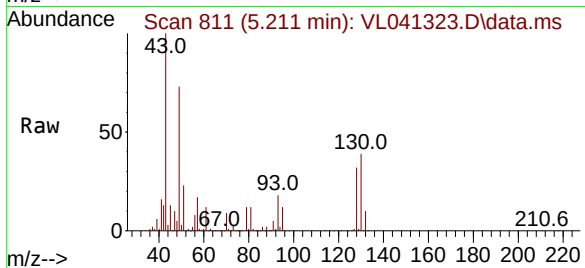
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	603227	9.931	ppbv	99
47) 1,1,2-Trichloroethane	8.909	97	780182	10.216	ppbv	97
48) Dibromochloromethane	9.719	129	1315227	10.450	ppbv	98
49) Bromoform	12.410	173	1119234	11.035	ppbv	99
50) 4-Methyl-2-Pentanone	8.189	43	1981847	10.554	ppbv	99
51) 2-Hexanone	9.558	43	1435153	10.753	ppbv	99
52) Tetrachloroethene	10.623	164	673153	10.057	ppbv	98
53) Toluene	9.227	91	2196906	10.407	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1025390	10.299	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	972609	9.861	ppbv	99
57) Chlorobenzene	11.536	112	1665011	9.612	ppbv	99
58) Ethyl Benzene	12.095	91	2973152	9.946	ppbv	99
59) m/p-Xylene	12.375	91	5076679m	19.822	ppbv	
60) o-Xylene	13.063	91	2405232	9.851	ppbv	99
61) Styrene	12.902	104	1286843	10.750	ppbv	99
62) Isopropylbenzene	14.034	105	3588972	9.719	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1718119	9.890	ppbv	100
64) n-propylbenzene	14.918	120	938806	9.864	ppbv	97
65) tert-Butylbenzene	16.092	119	3158172	9.621	ppbv	99
66) Benzyl Chloride	16.330	91	171205m	7.927	ppbv	
67) sec-Butylbenzene	16.642	105	4507998	9.720	ppbv	100
69) p-Isopropyltoluene	16.998	119	3768133	9.859	ppbv	100
70) n-Butylbenzene	17.889	91	3981339	10.041	ppbv	100
71) 2-Chlorotoluene	14.806	91	2775837	9.822	ppbv	100
72) 4-Ethyltoluene	15.198	105	2863513	10.067	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2551890	10.336	ppbv	97
74) 1,2,4-Trimethylbenzene	16.111	105	2766288	9.908	ppbv #	93
75) 1,3-Dichlorobenzene	16.333	146	1658089	10.116	ppbv	99
76) 1,4-Dichlorobenzene	16.478	146	1622776	9.908	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	1618817	9.866	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1151541	8.564	ppbv	100
79) Naphthalene	21.384	128	2793761	11.532	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	867719	10.606	ppbv	100
81) 1,2,4-Trichlorobenzene	21.140	180	1333632	9.871	ppbv #	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

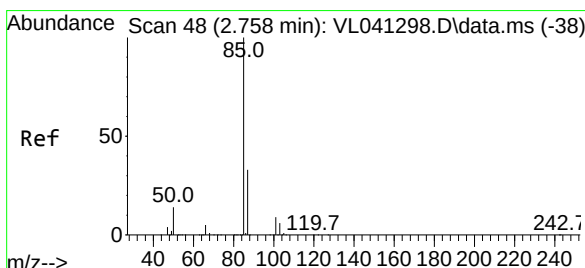
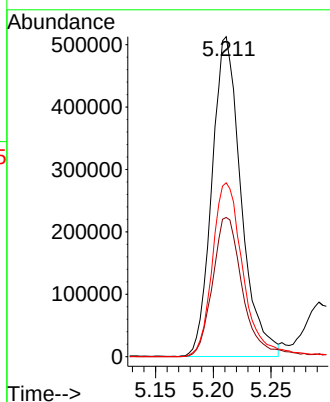
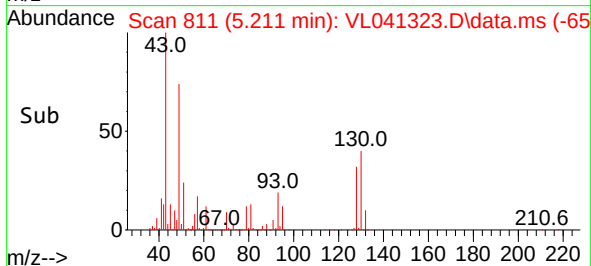
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



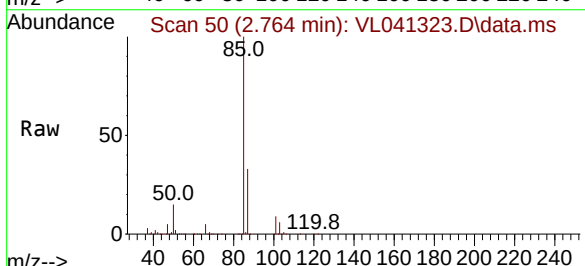
Tgt Ion: 49 Resp: 898290
Ion Ratio Lower Upper
49 100
128 46.3 22.8 68.3
130 58.7 28.4 85.3

Manual Integrations
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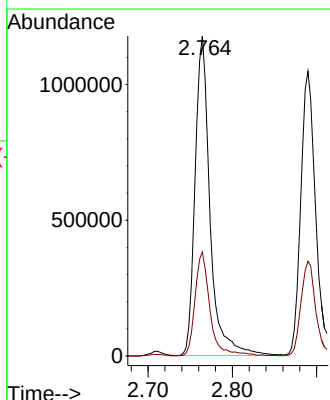
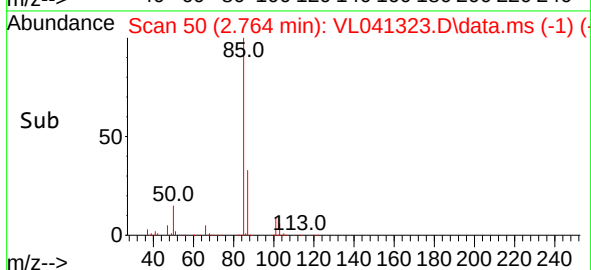
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

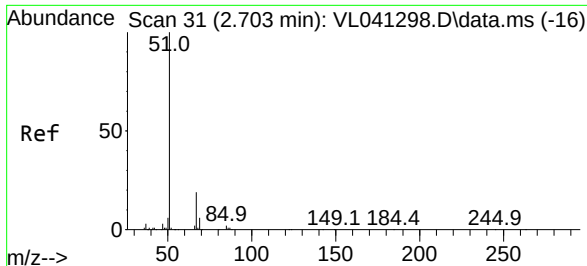


#2
Dichlorodifluoromethane
Concen: 10.124 ppbv
RT: 2.764 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



Tgt Ion: 85 Resp: 1452294
Ion Ratio Lower Upper
85 100
87 32.5 26.5 39.7





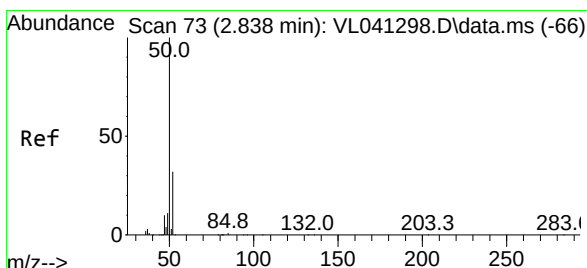
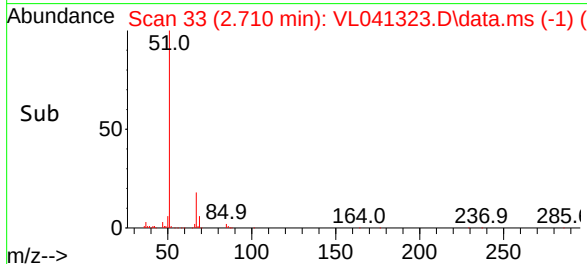
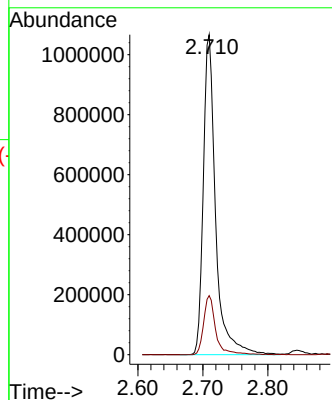
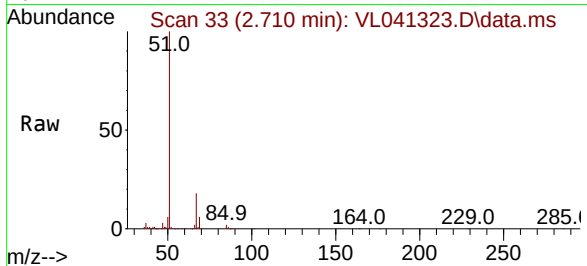
#3
Chlorodifluoromethane
Concen: 9.886 ppbv
RT: 2.710 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 51 Resp: 1403390
Ion Ratio Lower Upper
51 100
67 18.2 14.7 22.1

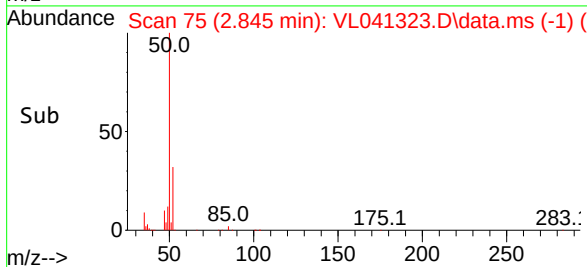
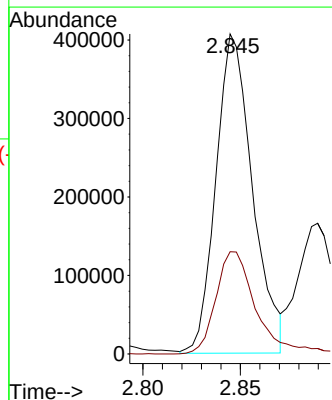
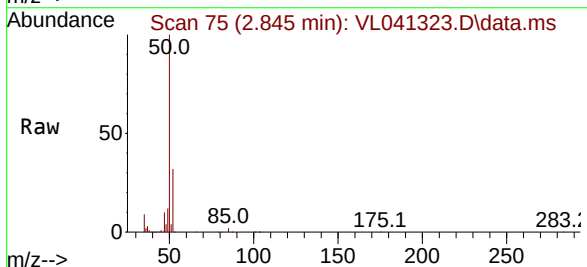
Manual Integrations
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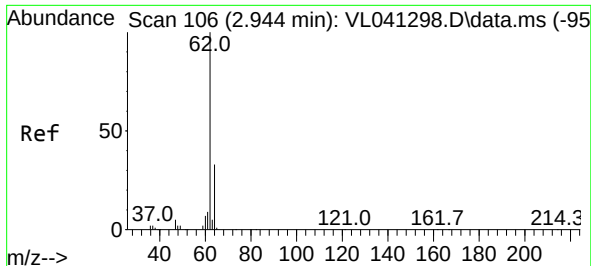
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#4
Chloromethane
Concen: 9.921 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

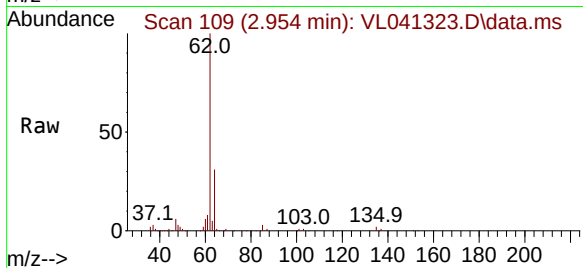
Tgt Ion: 50 Resp: 530102
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4





#5
 Vinyl Chloride
 Concen: 9.927 ppbv
 RT: 2.954 min Scan# 106
 Delta R.T. 0.010 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06

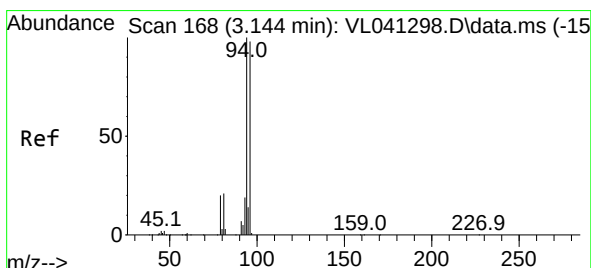
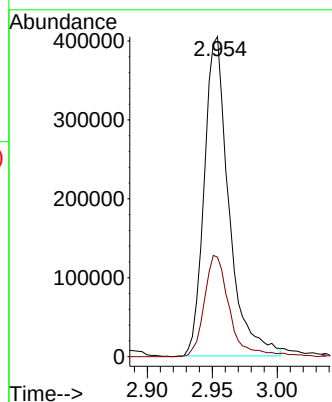
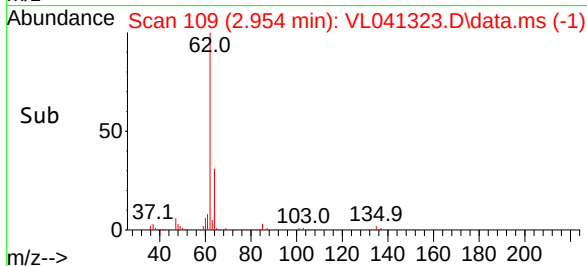
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



Tgt Ion: 62 Resp: 53432
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.6 40.0

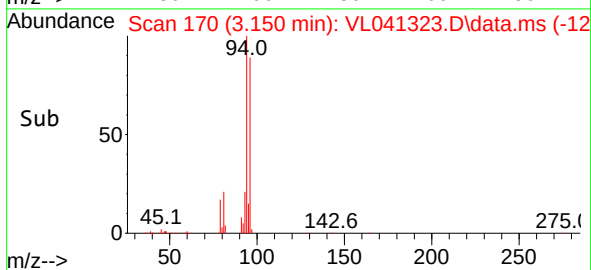
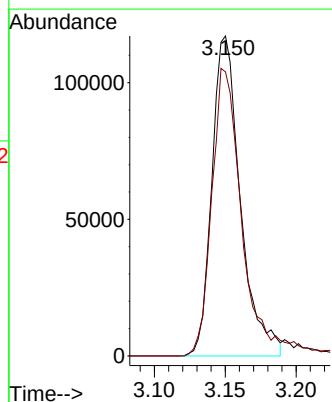
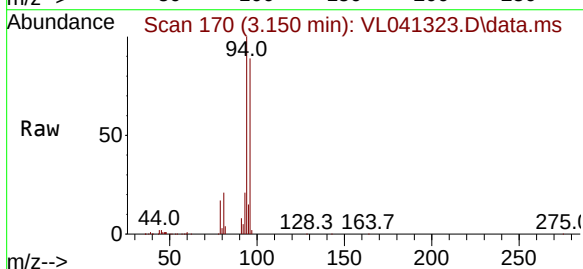
Manual Integrations
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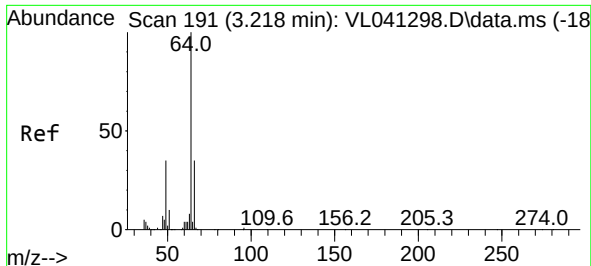
Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024



#6
 Bromomethane
 Concen: 8.562 ppbv
 RT: 3.150 min Scan# 170
 Delta R.T. 0.006 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06

Tgt Ion: 94 Resp: 163865
 Ion Ratio Lower Upper
 94 100
 96 88.8 78.6 117.8





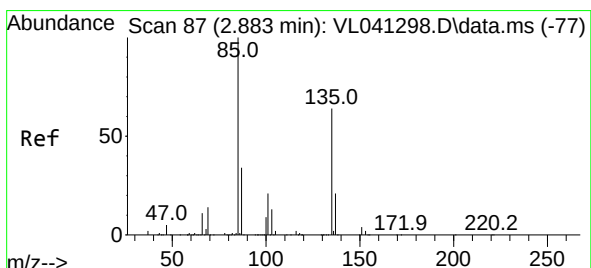
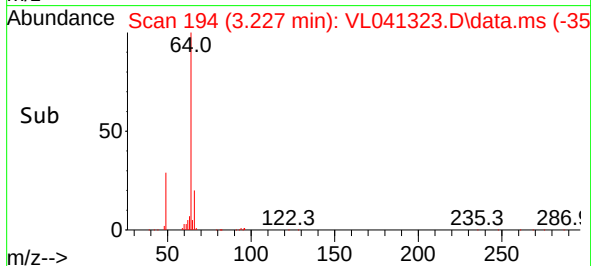
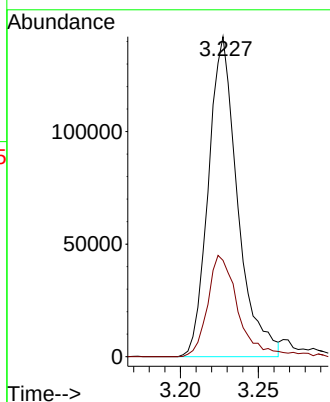
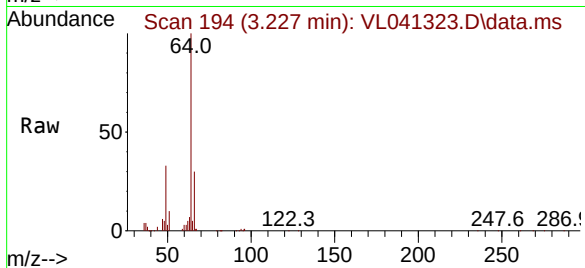
#7
Chloroethane
Concen: 9.985 ppbv
RT: 3.227 min Scan# 191
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 64 Resp: 185035
Ion Ratio Lower Upper
64 100
66 30.1 28.1 42.1

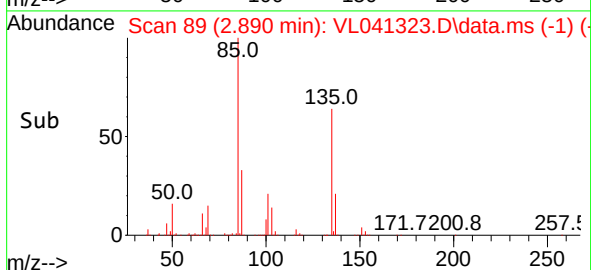
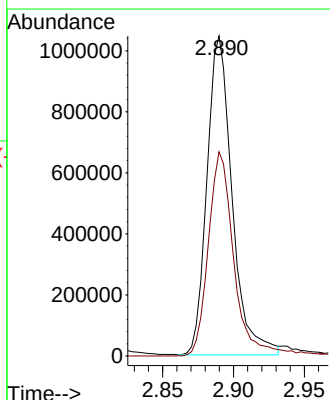
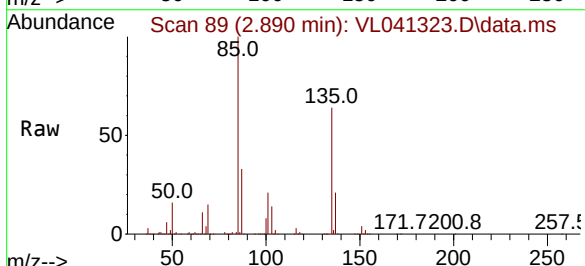
Manual Integrations
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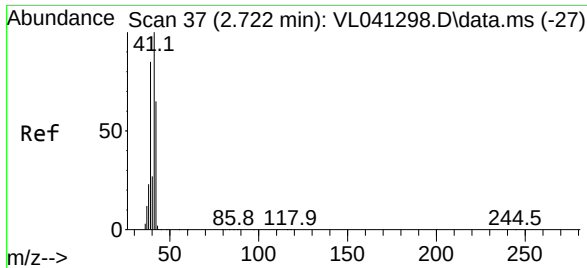
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#8
Dichlorotetrafluoroethane
Concen: 9.779 ppbv
RT: 2.890 min Scan# 89
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

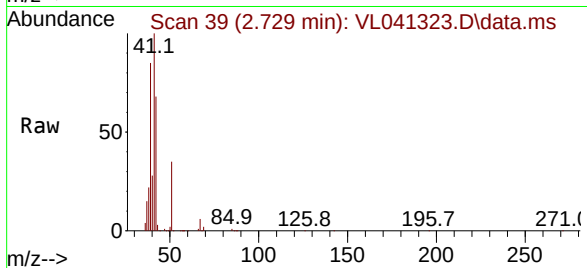
Tgt Ion: 85 Resp: 1290116
Ion Ratio Lower Upper
85 100
135 66.3 51.7 77.5





#9
Propene
Concen: 9.616 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

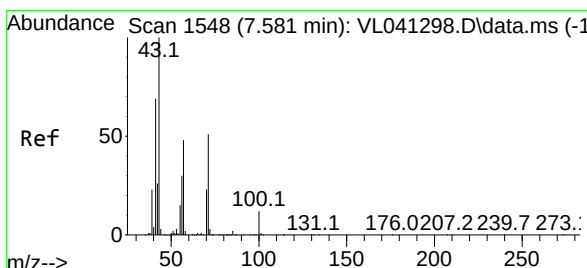
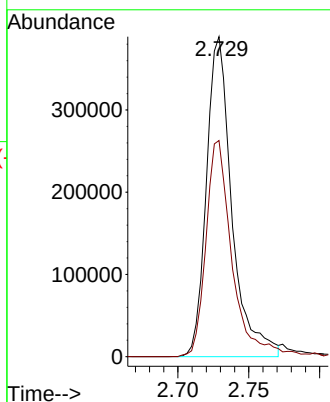
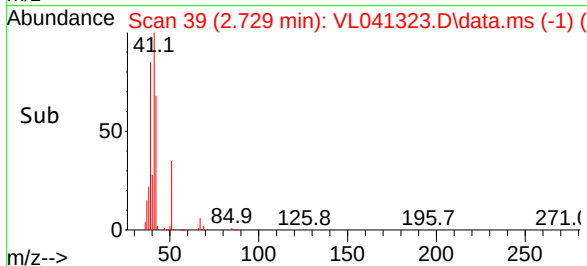
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



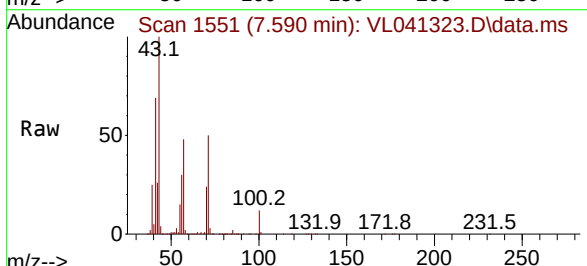
Tgt Ion: 41 Resp: 48623
Ion Ratio Lower Upper
41 100
42 70.2 55.2 82.8

Manual Integrations
APPROVED

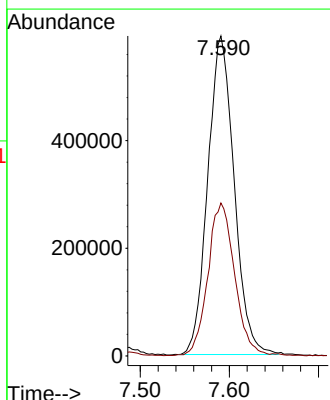
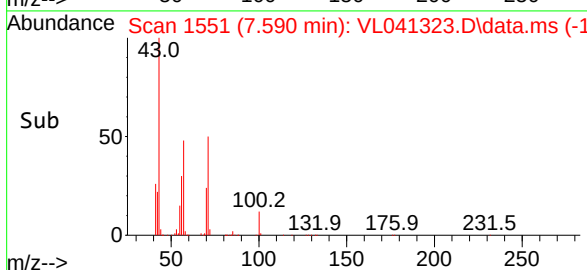
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

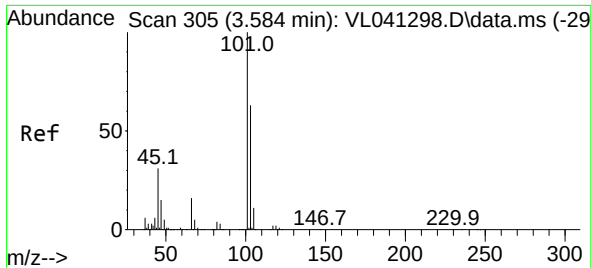


#10
Heptane
Concen: 10.145 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



Tgt Ion: 43 Resp: 1215870
Ion Ratio Lower Upper
43 100
57 49.4 39.0 58.4





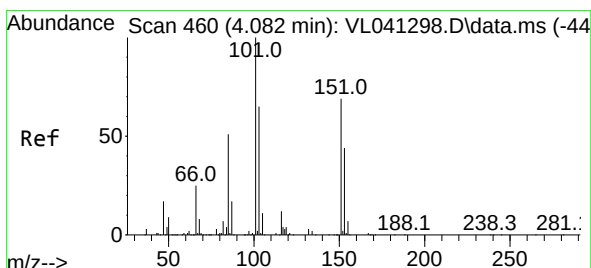
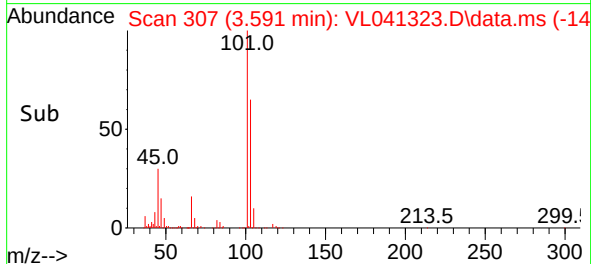
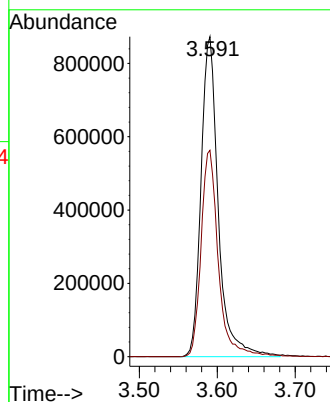
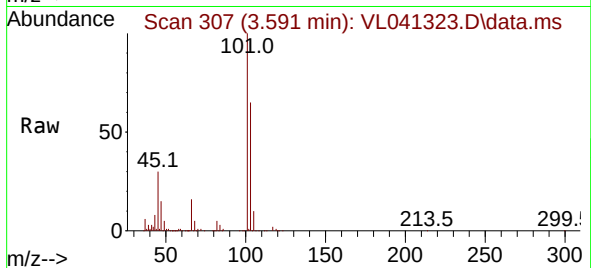
#11
 Trichlorofluoromethane
 Concen: 10.158 ppbv
 RT: 3.591 min Scan# 305
 Delta R.T. 0.006 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01

Tgt Ion:101 Resp: 1339584
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.6 76.0

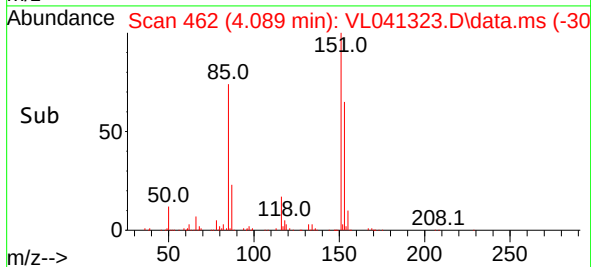
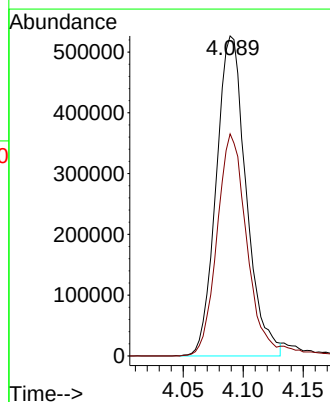
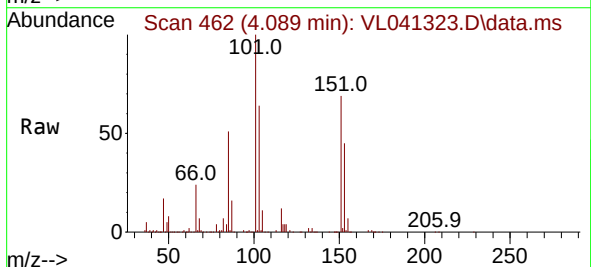
Manual Integrations
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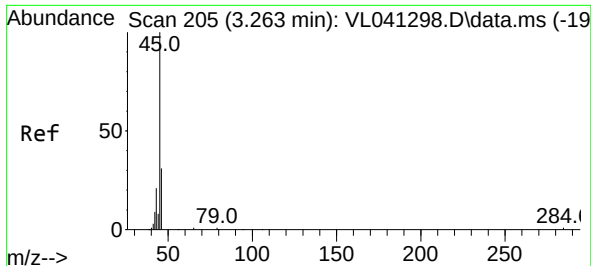
Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.835 ppbv
 RT: 4.089 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06

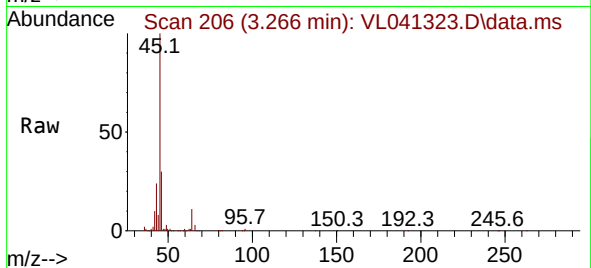
Tgt Ion:101 Resp: 916058
 Ion Ratio Lower Upper
 101 100
 151 71.0 54.8 82.2





#13
Ethanol
Concen: 9.518 ppbv
RT: 3.266 min Scan# 205
Delta R.T. 0.003 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

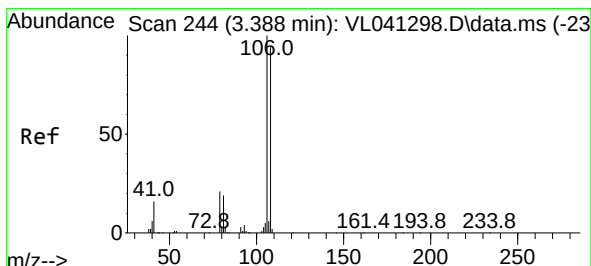
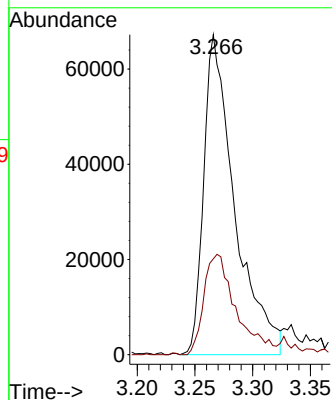
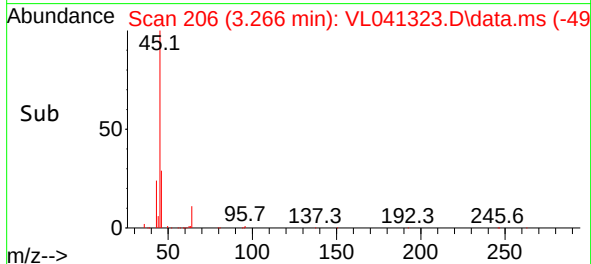
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



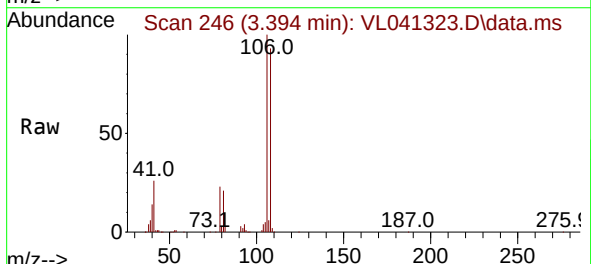
Tgt Ion: 45 Resp: 125202
Ion Ratio Lower Upper
45 100
46 35.0 14.2 56.6

Manual Integrations
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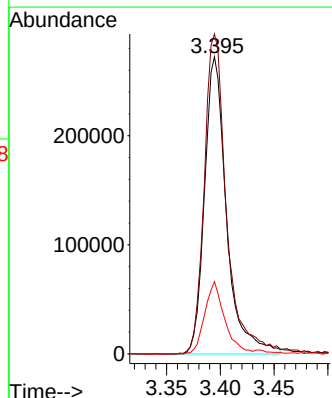
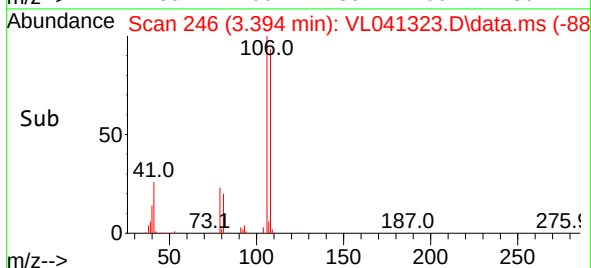
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

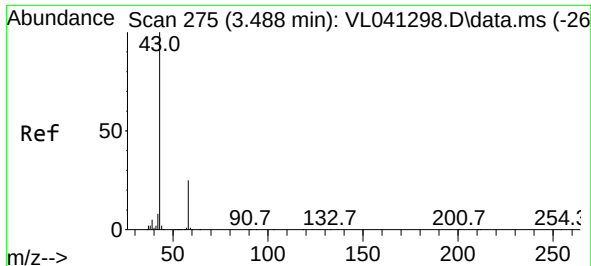


#14
Bromoethene
Concen: 10.308 ppbv
RT: 3.394 min Scan# 246
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



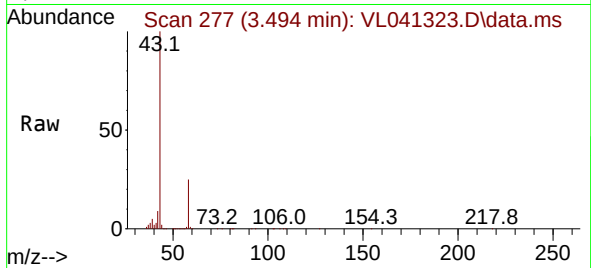
Tgt Ion:108 Resp: 388588
Ion Ratio Lower Upper
108 100
106 110.3 85.4 128.0
79 23.3 17.8 26.8





#15
Acetone
Concen: 9.880 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

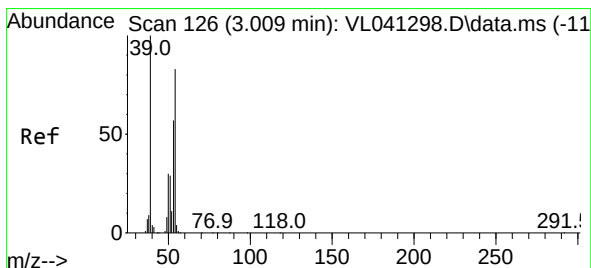
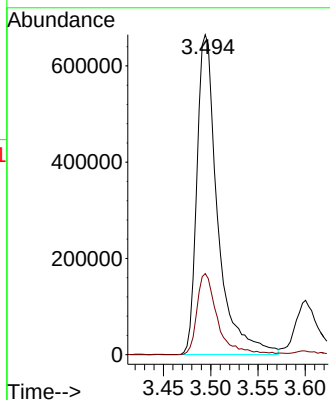
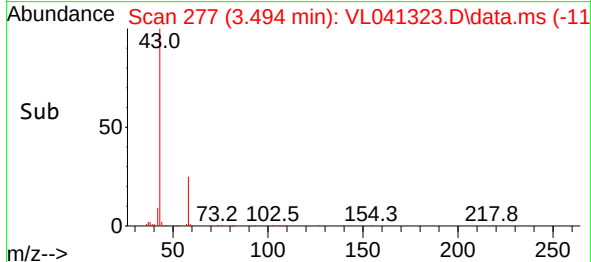
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



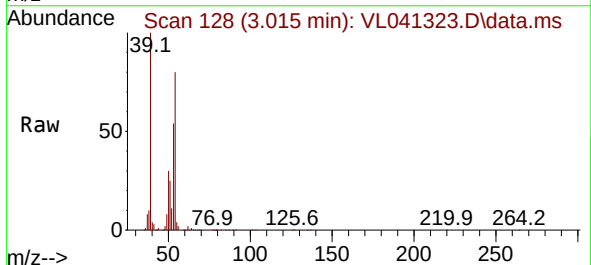
Tgt Ion: 43 Resp: 1013349
Ion Ratio Lower Upper
43 100
58 25.5 20.6 31.0

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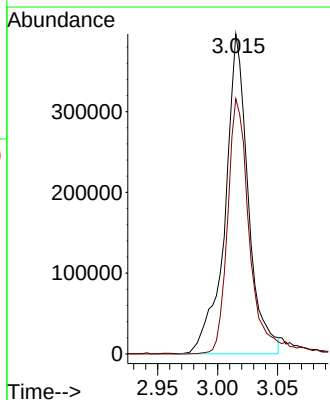
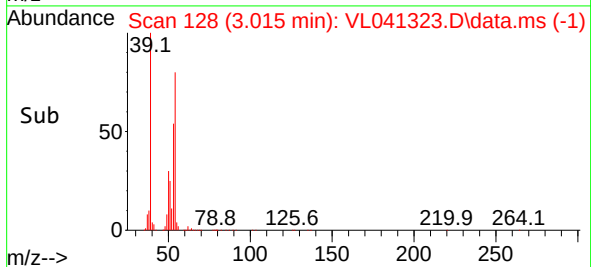
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

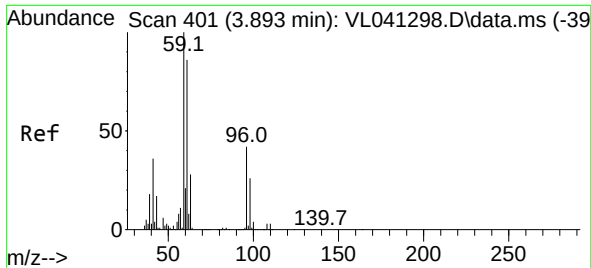


#16
1,3-Butadiene
Concen: 10.363 ppbv
RT: 3.015 min Scan# 128
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



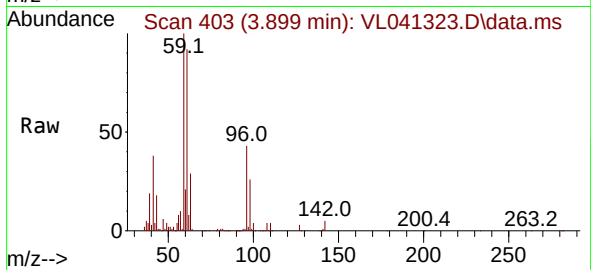
Tgt Ion: 39 Resp: 534285
Ion Ratio Lower Upper
39 100
54 77.4 60.5 90.7





#17
tert-Butyl alcohol
Concen: 10.369 ppbv
RT: 3.899 min Scan# 401
Delta R.T. 0.007 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

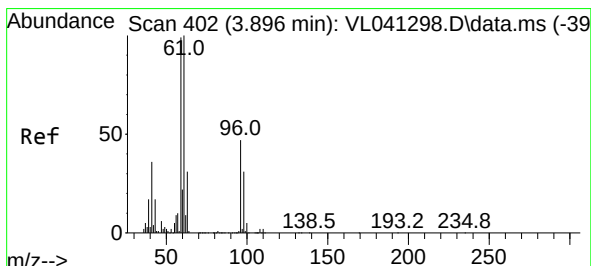
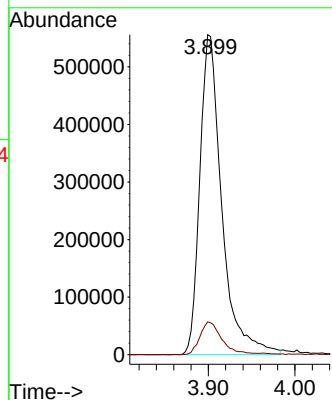
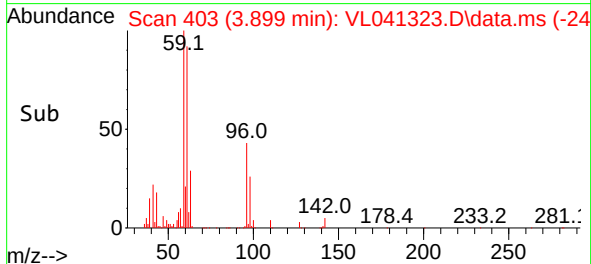
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



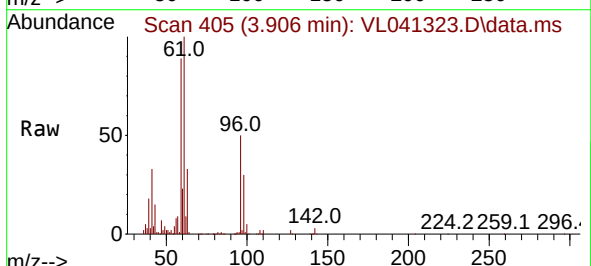
Tgt Ion: 59 Resp: 97906
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4

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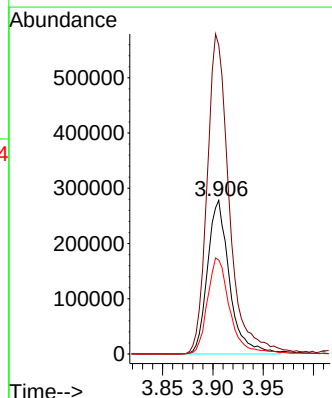
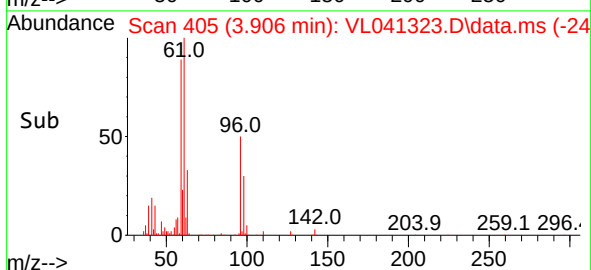
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

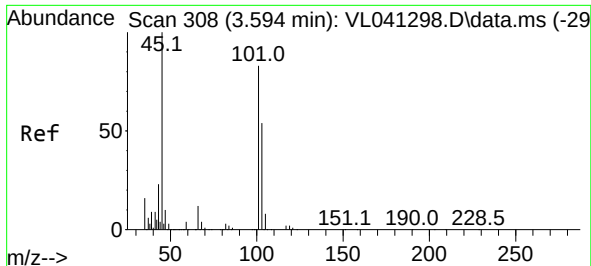


#18
1,1-Dichloroethene
Concen: 10.666 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



Tgt Ion: 96 Resp: 423811
Ion Ratio Lower Upper
96 100
61 201.0 171.8 257.8
98 61.2 53.1 79.7





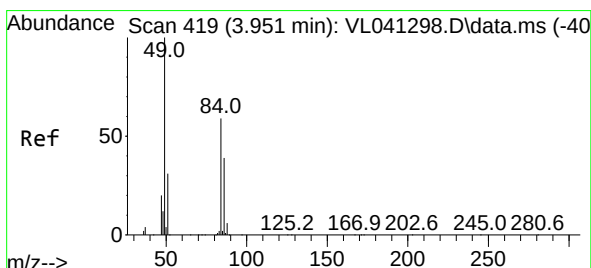
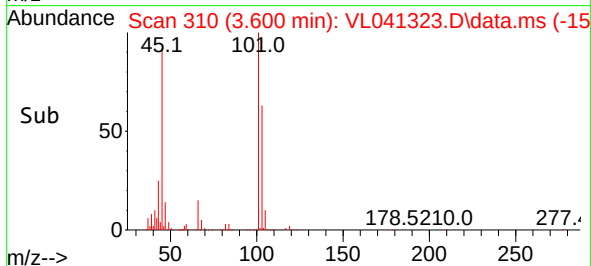
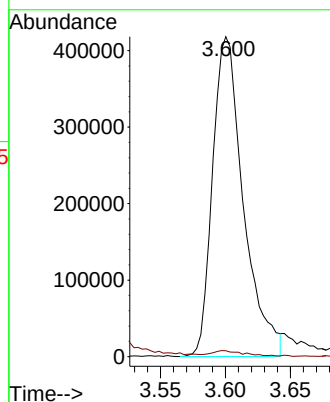
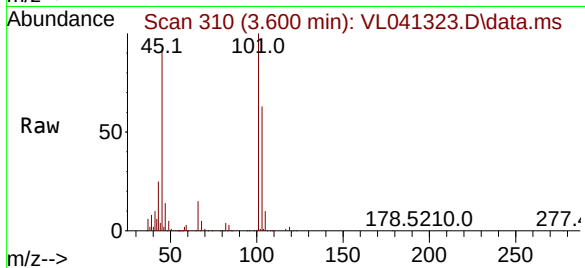
#19
Isopropyl Alcohol
Concen: 10.692 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 45 Resp: 68895
Ion Ratio Lower Upper
45 100
58 2.0 1.4 2.2

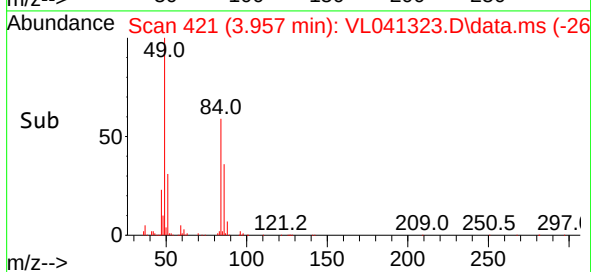
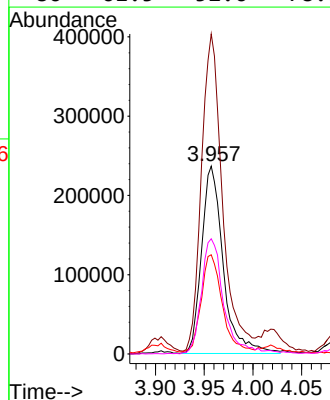
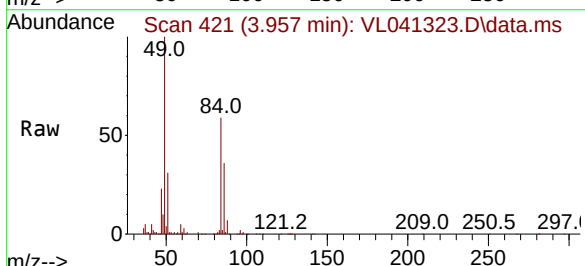
Manual Integrations
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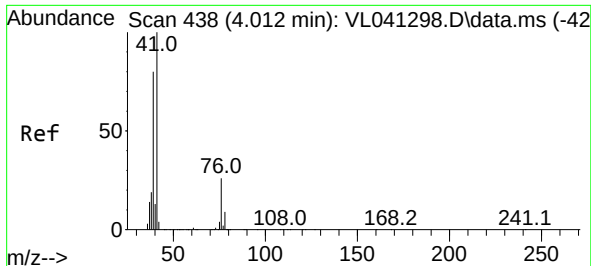
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#20
Methylene Chloride
Concen: 9.796 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

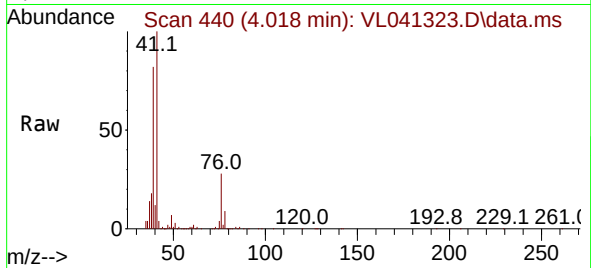
Tgt Ion: 84 Resp: 365175
Ion Ratio Lower Upper
84 100
49 169.1 136.2 204.2
51 51.9 41.9 62.9
86 61.5 52.6 78.8





#21
 Allyl Chloride
 Concen: 10.199 ppbv
 RT: 4.018 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06

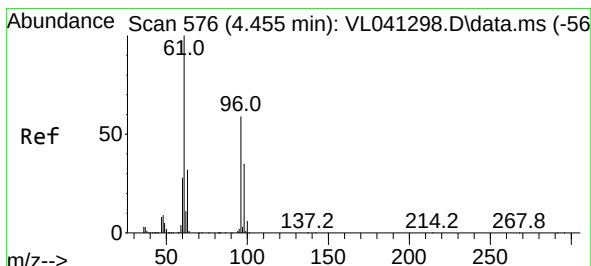
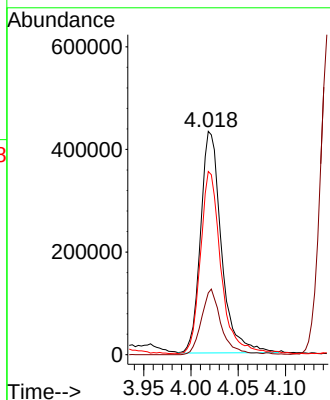
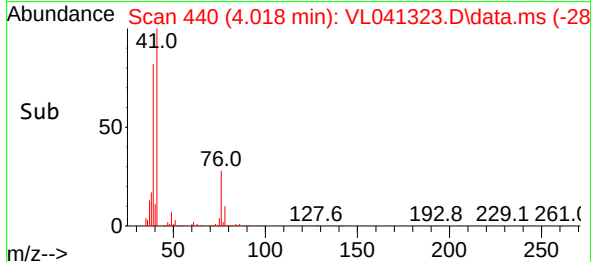
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



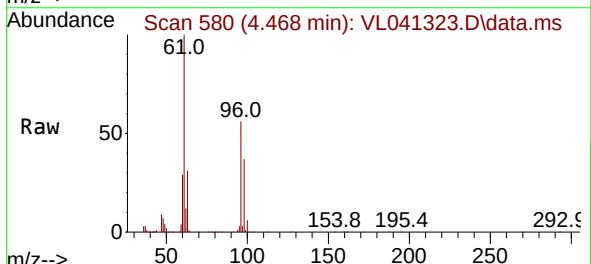
Tgt Ion: 41 Resp: 662679
 Ion Ratio Lower Upper
 41 100
 76 28.4 22.3 33.5
 39 81.5 66.3 99.5

Manual Integrations
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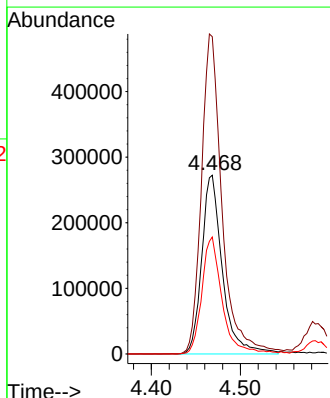
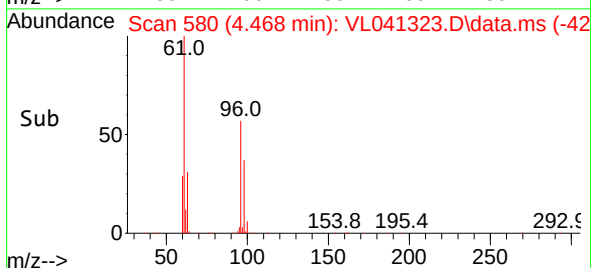
Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

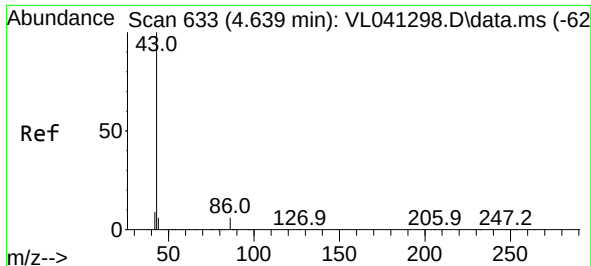


#22
 trans-1,2-Dichloroethene
 Concen: 10.611 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.013 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06



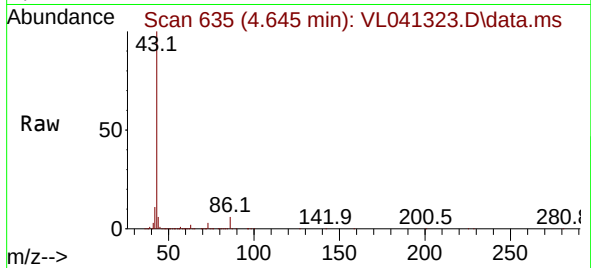
Tgt Ion: 96 Resp: 439362
 Ion Ratio Lower Upper
 96 100
 61 177.4 135.5 203.3
 98 65.4 47.6 71.4





#23
 Vinyl Acetate
 Concen: 11.316 ppbv
 RT: 4.645 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06

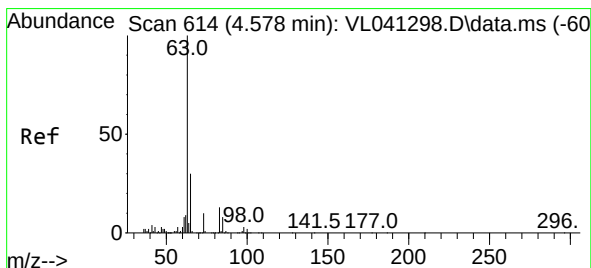
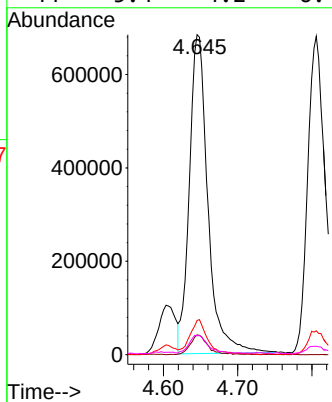
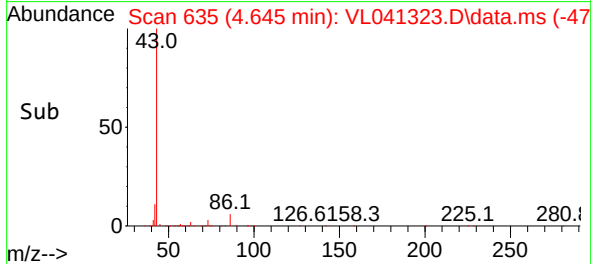
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



Tgt Ion: 43 Resp: 118696
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.7 7.1
 42 10.7 8.0 12.0
 44 5.4 4.2 6.4

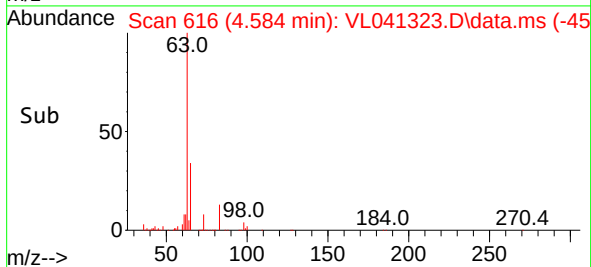
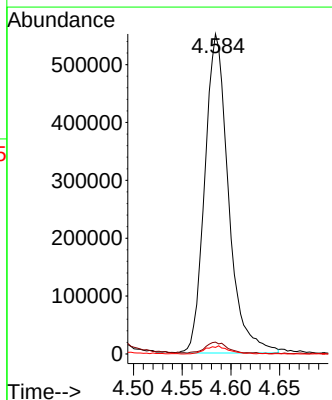
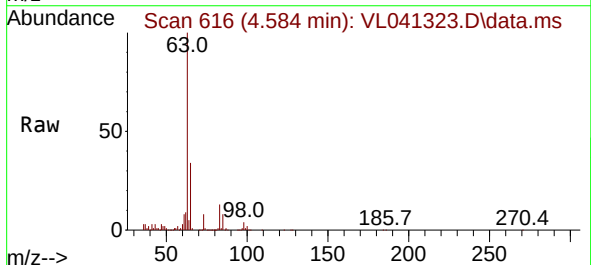
Manual Integrations
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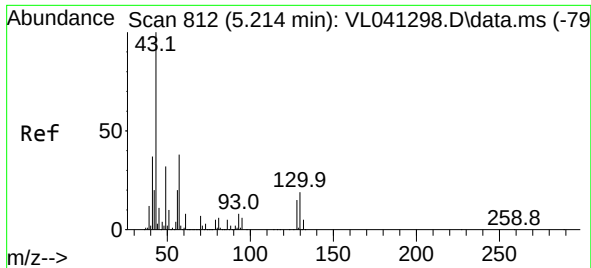
Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024



#24
 1,1-Dichloroethane
 Concen: 10.115 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.006 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06

Tgt Ion: 63 Resp: 933391
 Ion Ratio Lower Upper
 63 100
 98 3.5 1.9 5.7
 100 2.0 1.1 3.5





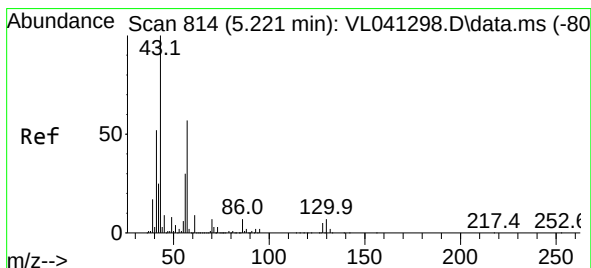
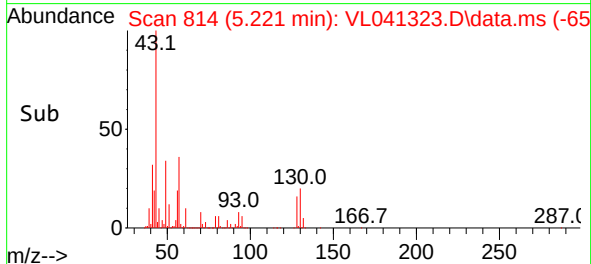
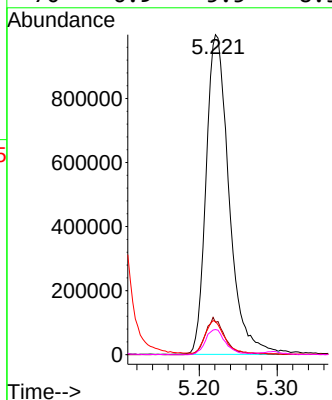
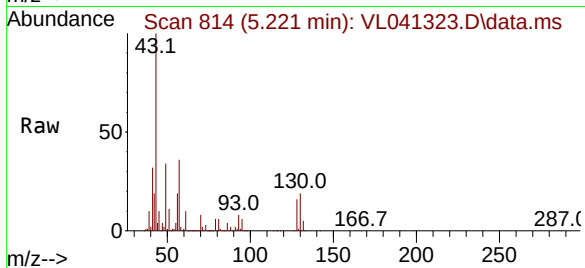
#25
Ethyl Acetate
Concen: 10.057 ppbv
RT: 5.221 min Scan# 812
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 43 Resp: 204063
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.5 7.4 11.0
70 6.9 5.5 8.3

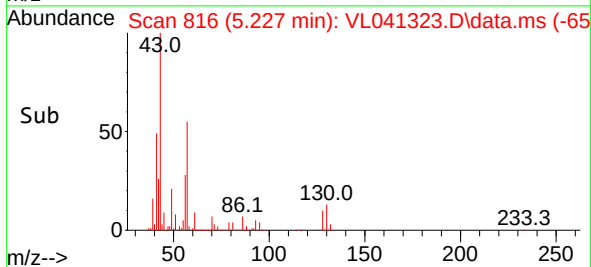
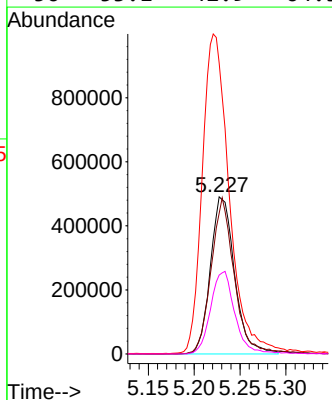
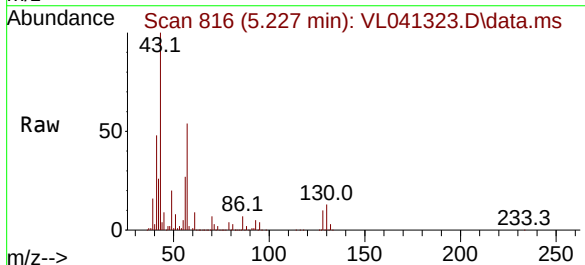
Manual Integrations
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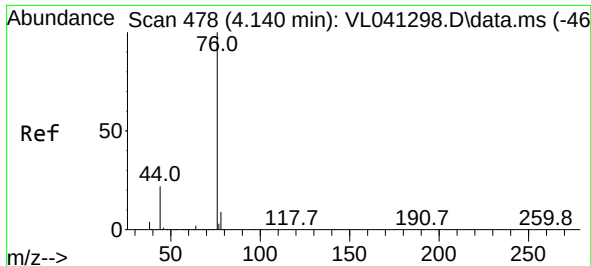
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#26
Hexane
Concen: 9.879 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

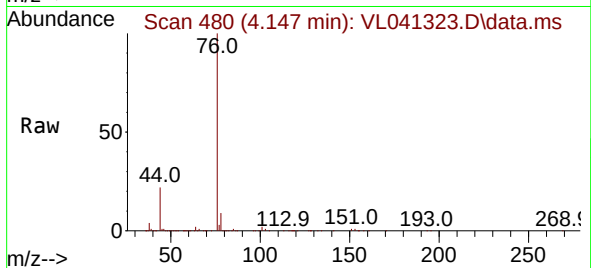
Tgt Ion: 57 Resp: 901446
Ion Ratio Lower Upper
57 100
41 96.4 77.1 115.7
43 228.7 186.1 279.1
56 53.1 42.9 64.3





#27
Carbon Disulfide
Concen: 10.888 ppbv
RT: 4.147 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

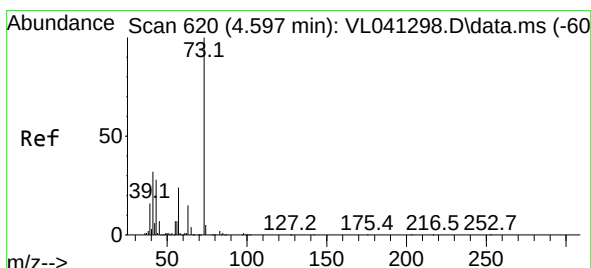
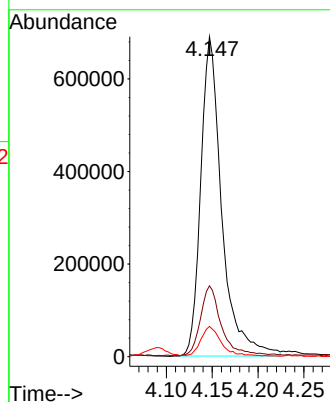
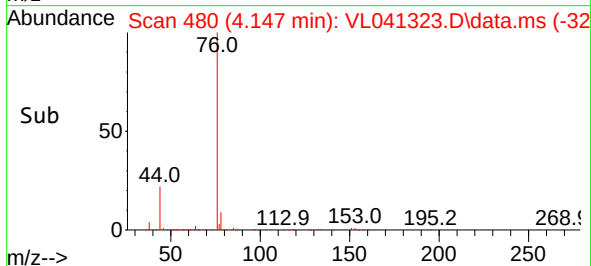
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion: 76 Resp: 110041
Ion Ratio Lower Upper
76 100
44 22.8 17.7 26.5
78 9.6 7.8 11.6

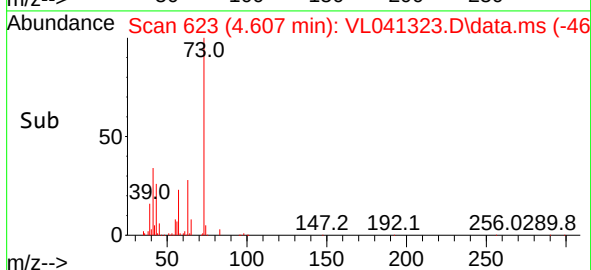
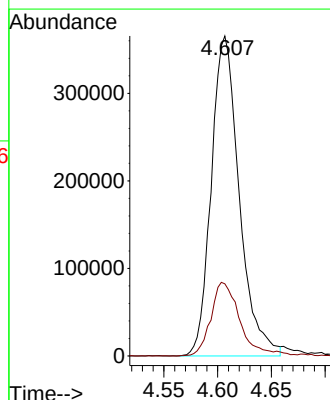
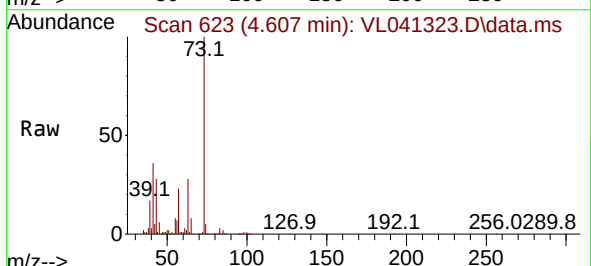
Manual Integrations
APPROVED

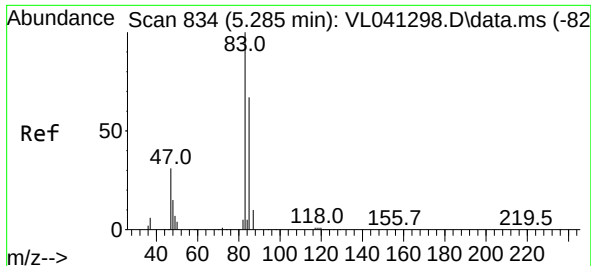
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#28
Methyl tert-Butyl Ether
Concen: 9.784 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

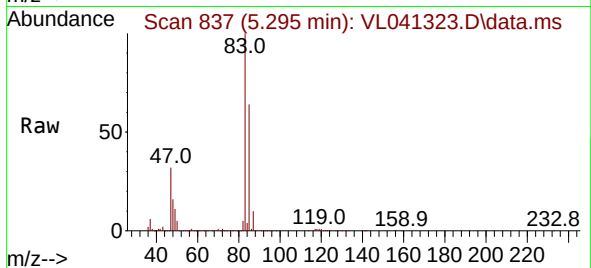
Tgt Ion: 73 Resp: 661651
Ion Ratio Lower Upper
73 100
57 24.3 19.2 28.8





#29
Chloroform
Concen: 9.968 ppbv
RT: 5.295 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

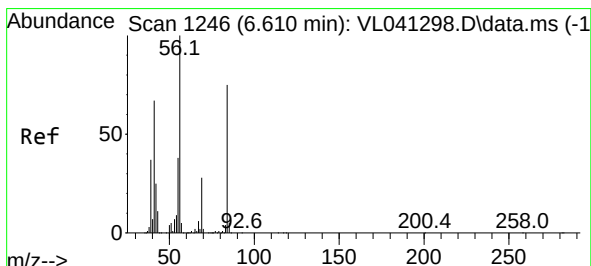
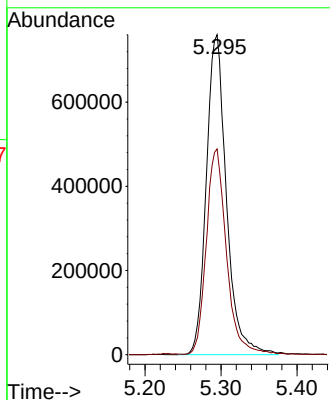
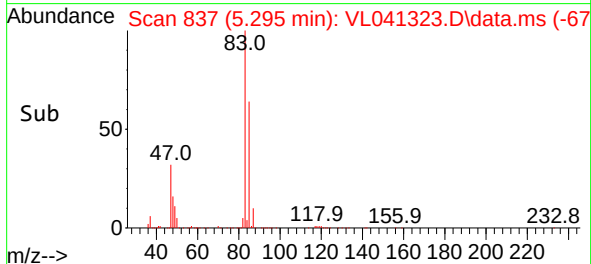
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



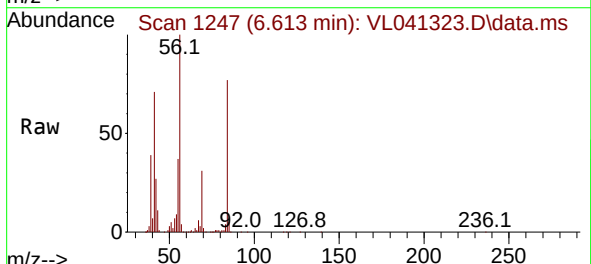
Tgt Ion: 83 Resp: 1395454
Ion Ratio Lower Upper
83 100
85 64.1 53.3 79.9

Manual Integrations
APPROVED

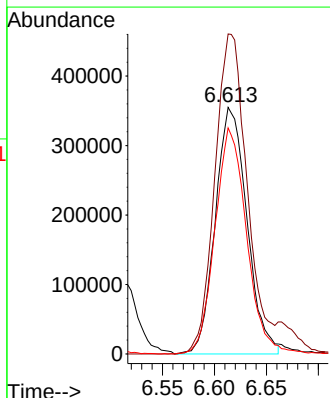
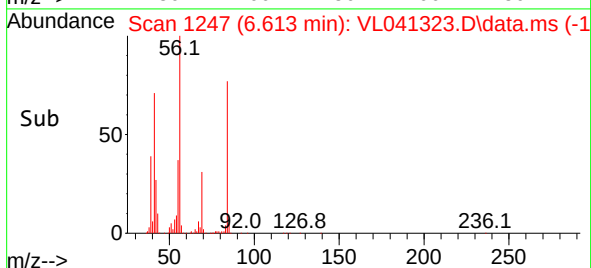
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

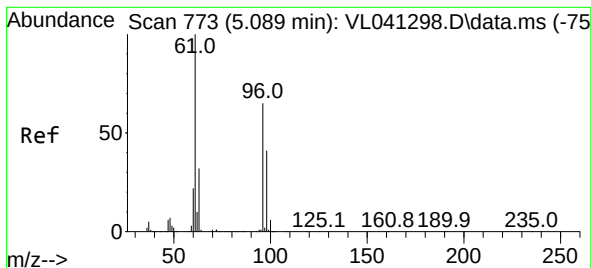


#30
Cyclohexane
Concen: 10.173 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



Tgt Ion: 84 Resp: 752370
Ion Ratio Lower Upper
84 100
56 141.2 114.9 172.3
41 91.4 74.4 111.6





#31

cis-1,2-Dichloroethene

Concen: 10.425 ppbv

RT: 5.095 min Scan# 71

Delta R.T. 0.006 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion: 61 Resp: 89886

Ion Ratio Lower Upper

61 100

96 62.1 52.1 78.1

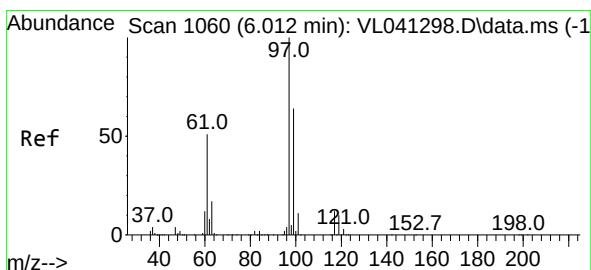
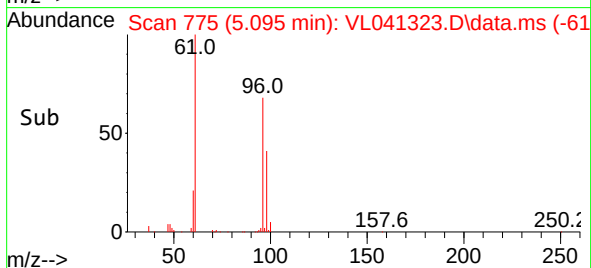
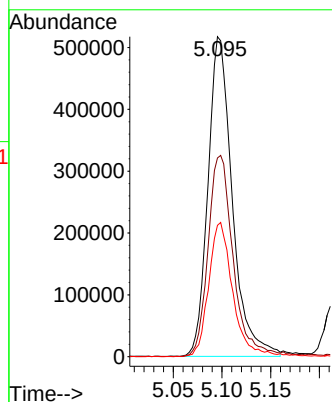
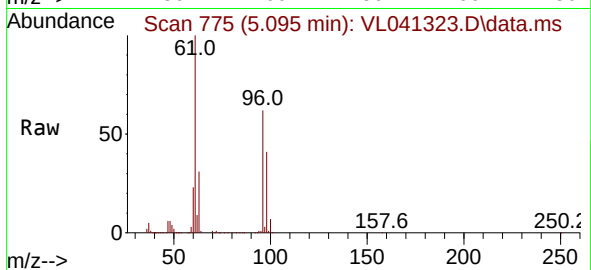
98 41.0 33.1 49.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#32

1,1,1-Trichloroethane

Concen: 10.517 ppbv

RT: 6.018 min Scan# 1062

Delta R.T. 0.006 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

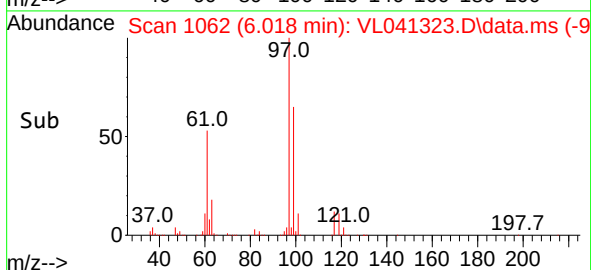
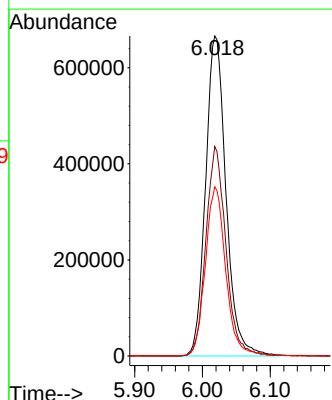
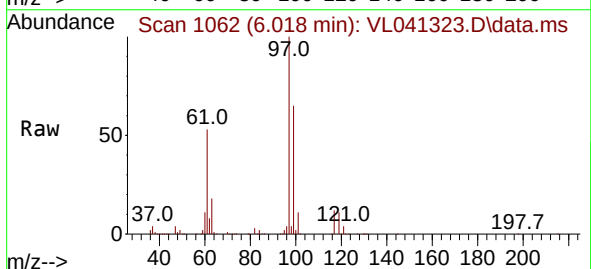
Tgt Ion: 97 Resp: 1394671

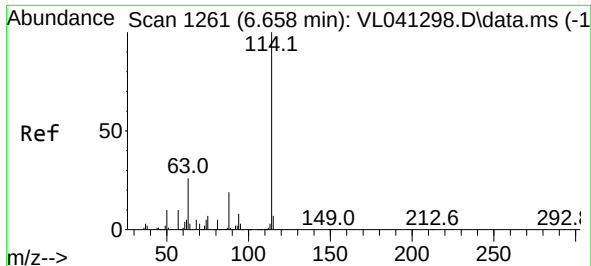
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 53.0 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion:114 Resp: 236786

Ion Ratio Lower Upper

114 100

63 26.0 20.6 30.8

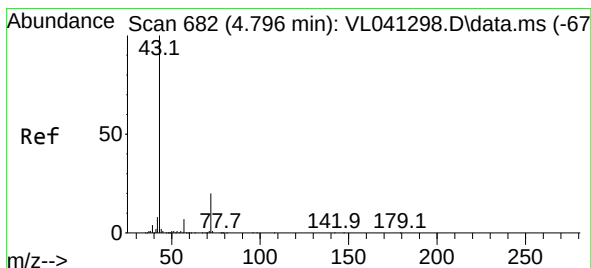
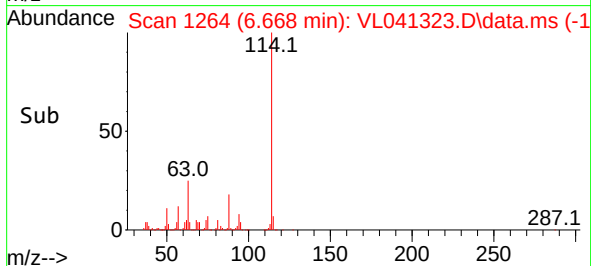
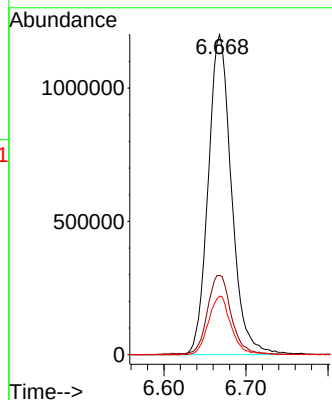
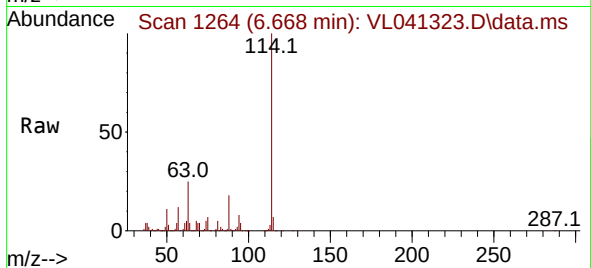
88 17.9 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#34

2-Butanone

Concen: 10.580 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.010 min

Lab File: VL041323.D

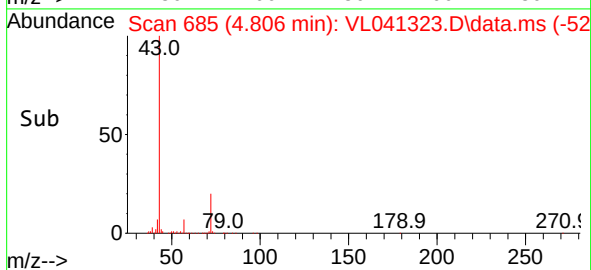
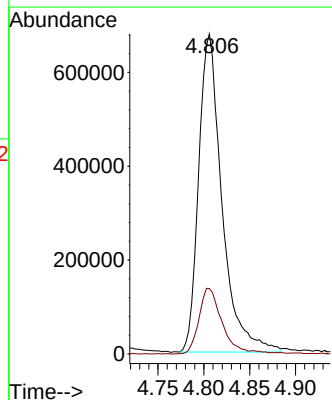
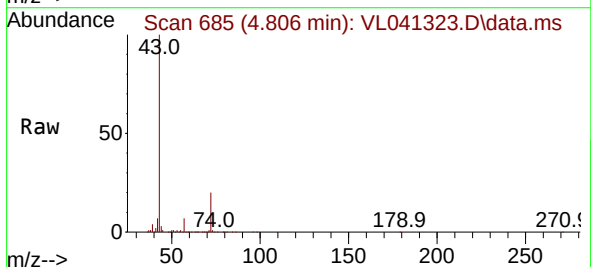
Acq: 5 Jun 2024 12:06

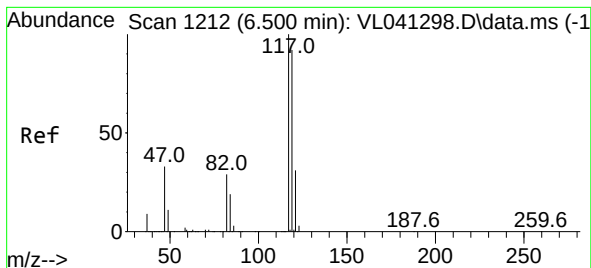
Tgt Ion: 43 Resp: 1200209

Ion Ratio Lower Upper

43 100

72 21.1 17.4 26.0





#35

Carbon Tetrachloride

Concen: 10.674 ppbv

RT: 6.507 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VL041323.D

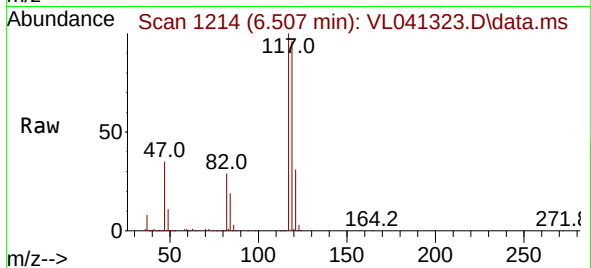
Acq: 5 Jun 2024 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01



Tgt Ion: 117 Resp: 143645

Ion Ratio Lower Upper

117 100

119 96.0 74.0 111.0

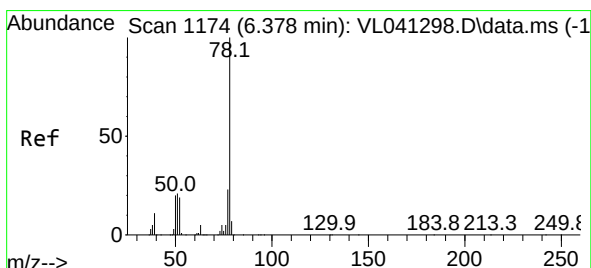
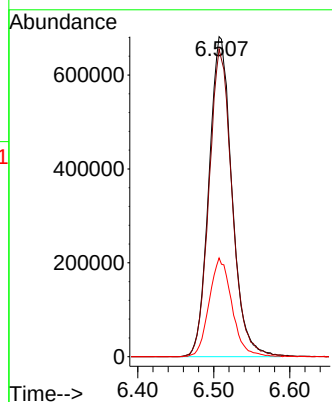
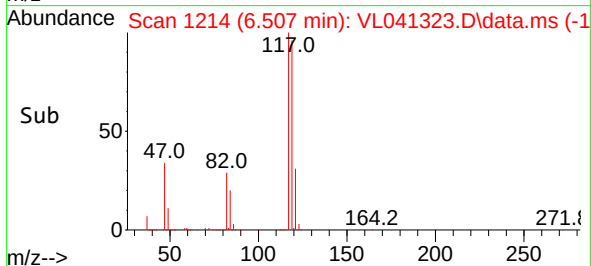
121 30.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#36

Benzene

Concen: 10.244 ppbv

RT: 6.385 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

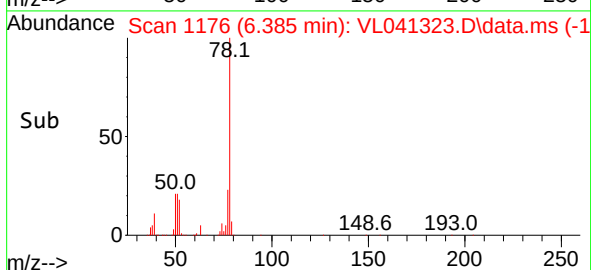
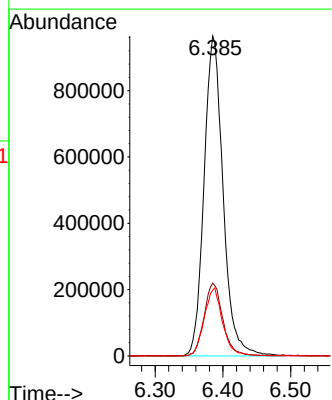
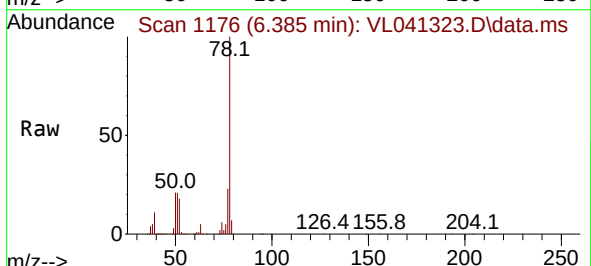
Tgt Ion: 78 Resp: 1880091

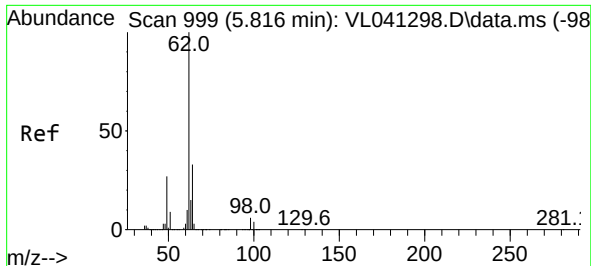
Ion Ratio Lower Upper

78 100

77 22.7 18.6 28.0

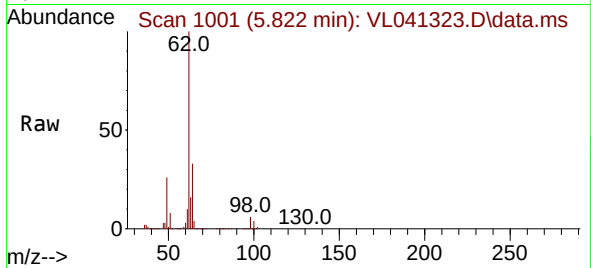
50 20.6 16.0 24.0





#37
1,2-Dichloroethane
Concen: 10.215 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

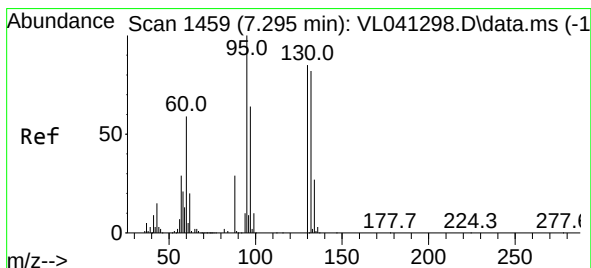
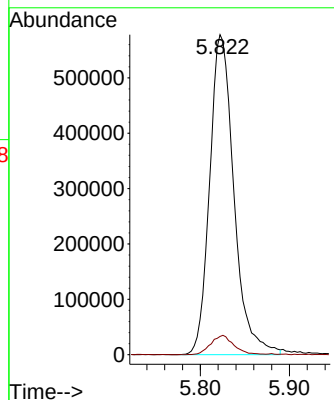
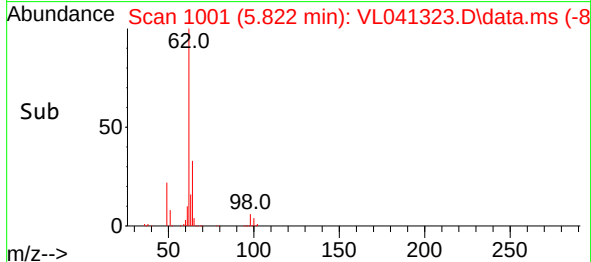
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



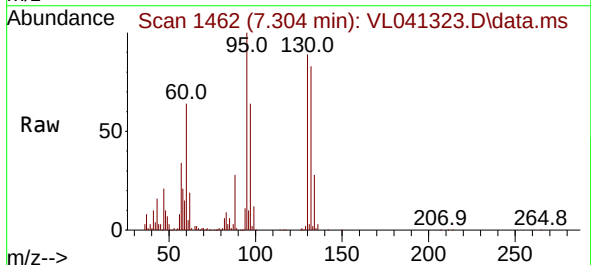
Tgt Ion: 62 Resp: 1093034
Ion Ratio Lower Upper
62 100
98 5.9 4.8 7.2

Manual Integrations
APPROVED

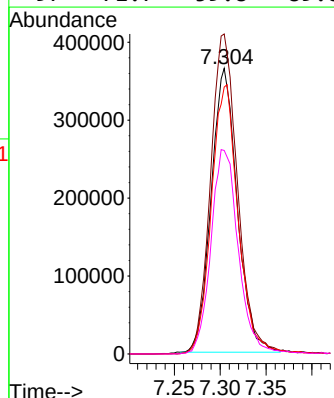
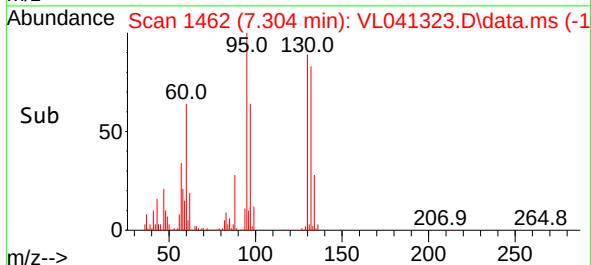
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

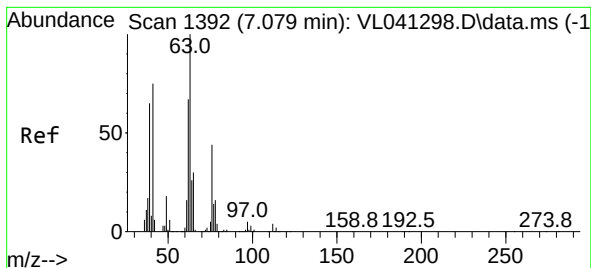


#38
Trichloroethene
Concen: 9.691 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



Tgt Ion:130 Resp: 720798
Ion Ratio Lower Upper
130 100
95 112.4 94.0 141.0
132 94.0 76.7 115.1
97 71.7 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.969 ppbv

RT: 7.089 min Scan# 1392

Delta R.T. 0.010 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion: 63 Resp: 72852

Ion Ratio Lower Upper

63 100

41 76.0 59.9 89.9

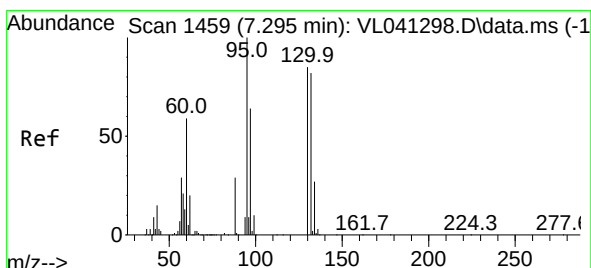
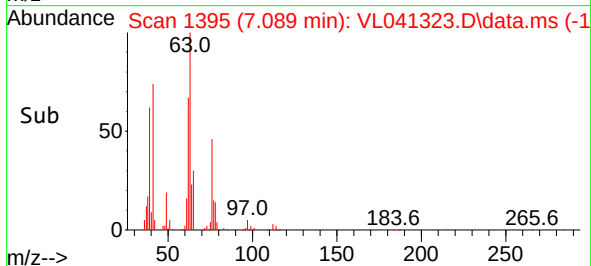
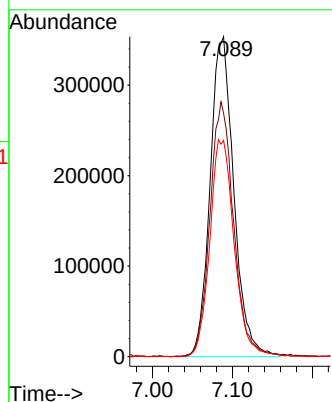
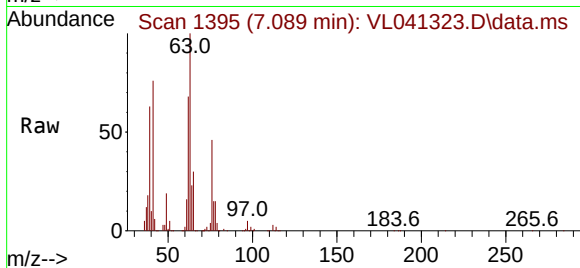
62 67.4 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#40

1,4-Dioxane

Concen: 11.121 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

Tgt Ion: 88 Resp: 297649

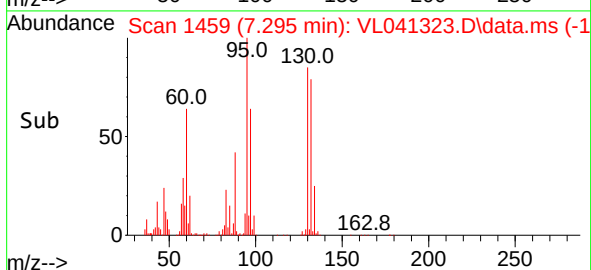
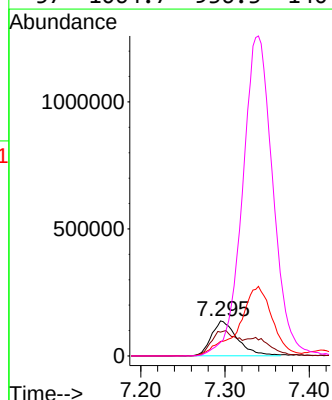
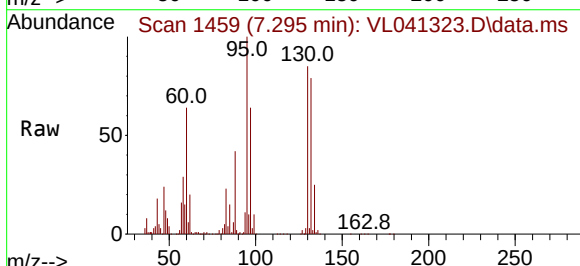
Ion Ratio Lower Upper

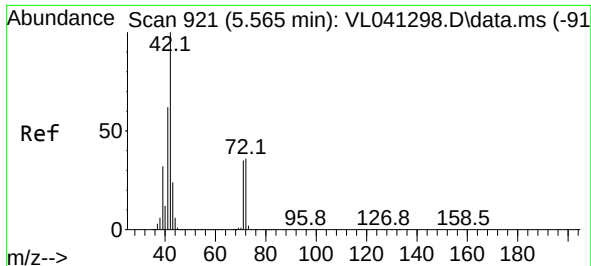
88 100

58 123.2 107.5 161.3

43 254.5 221.8 332.6

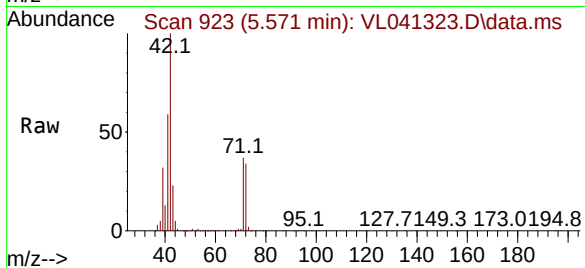
57 1064.7 936.3 1404.5





#41
Tetrahydrofuran
Concen: 10.375 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

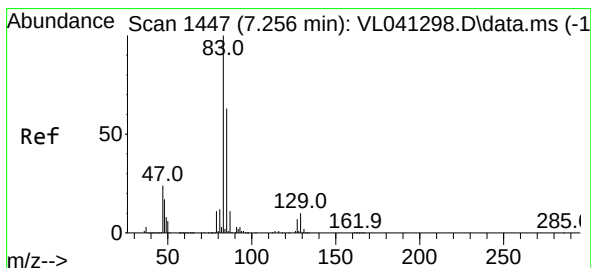
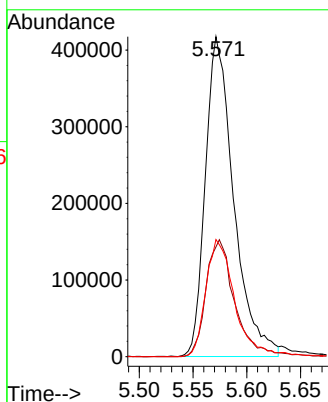
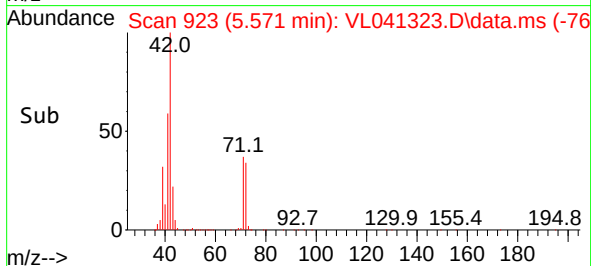
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



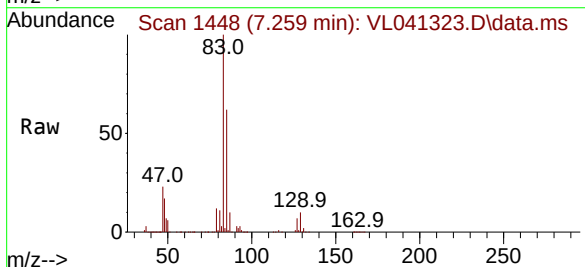
Tgt Ion: 42 Resp: 765800
Ion Ratio Lower Upper
42 100
72 37.6 30.2 45.4
71 37.9 30.3 45.5

Manual Integrations
APPROVED

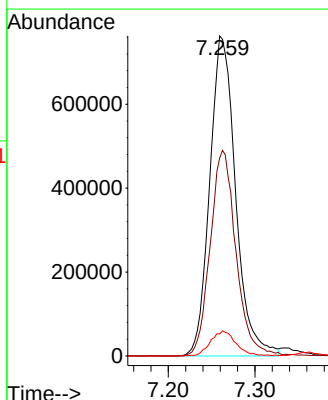
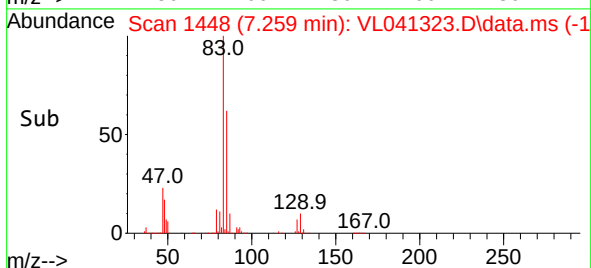
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

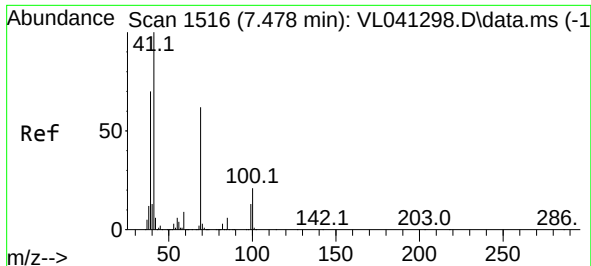


#42
Bromodichloromethane
Concen: 10.299 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.003 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



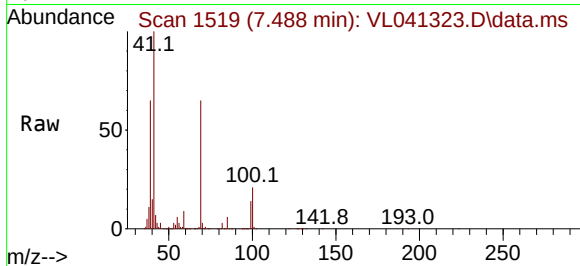
Tgt Ion: 83 Resp: 1582673
Ion Ratio Lower Upper
83 100
85 61.8 50.6 75.8
127 6.9 5.6 8.4





#43
Methyl Methacrylate
Concen: 10.919 ppbv
RT: 7.488 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

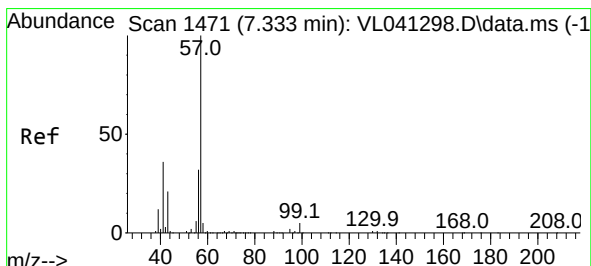
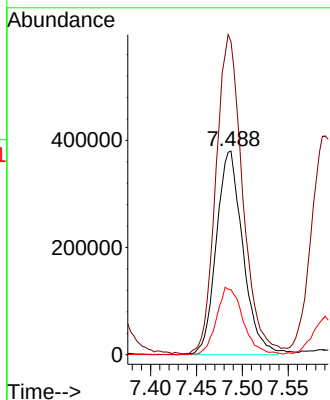
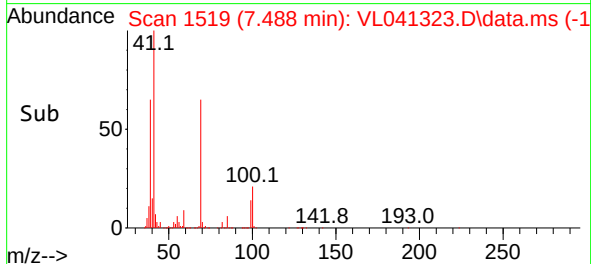
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



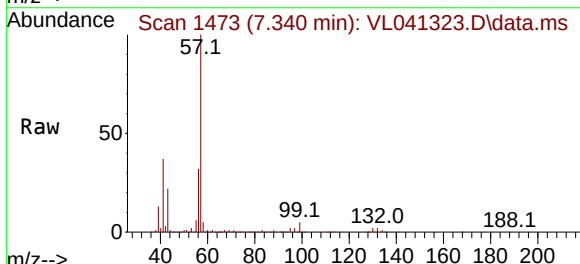
Tgt Ion: 69 Resp: 76357
Ion Ratio Lower Upper
69 100
41 158.9 125.8 188.6
100 33.0 27.0 40.6

Manual Integrations
APPROVED

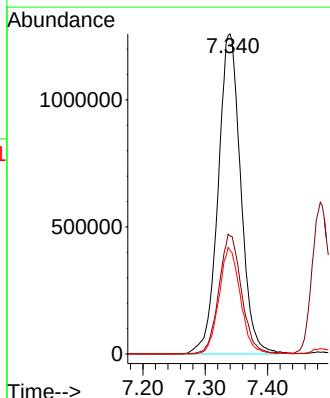
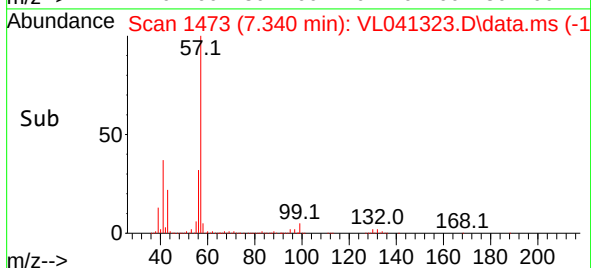
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

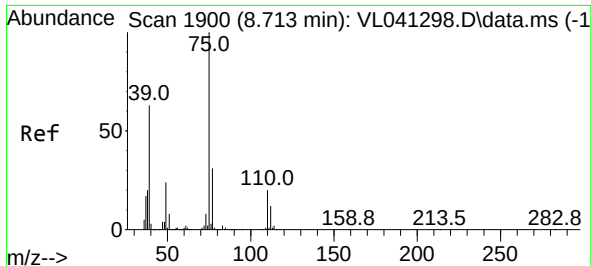


#44
2,2,4-Trimethylpentane
Concen: 10.011 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



Tgt Ion: 57 Resp: 3160096
Ion Ratio Lower Upper
57 100
41 37.5 29.4 44.2
56 31.6 25.0 37.4





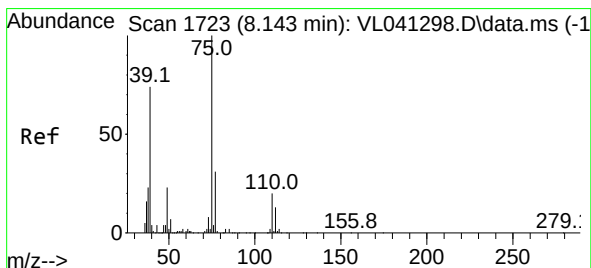
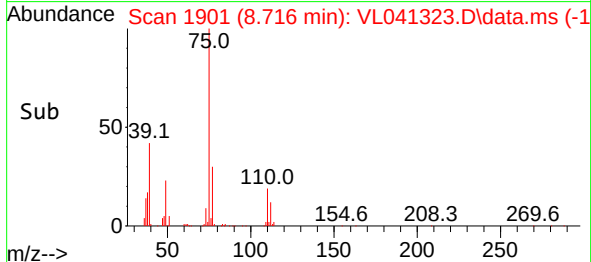
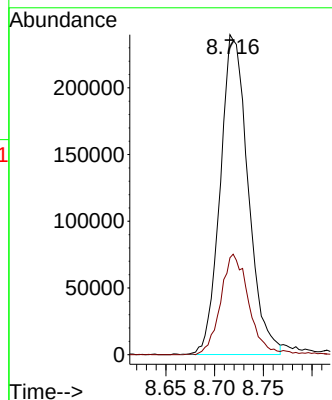
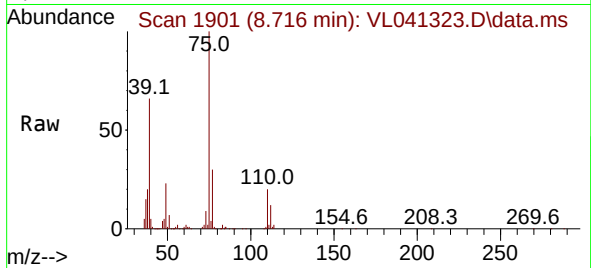
#45
t-1,3-Dichloropropene
Concen: 10.098 ppbv
RT: 8.716 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 75 Resp: 476478
Ion Ratio Lower Upper
75 100
77 30.3 24.7 37.1

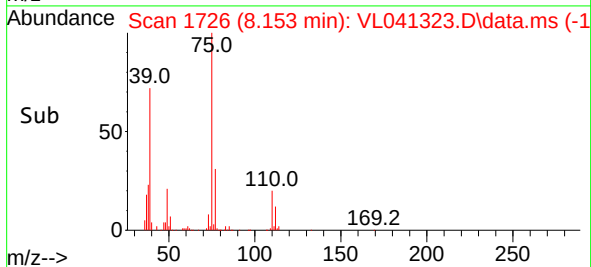
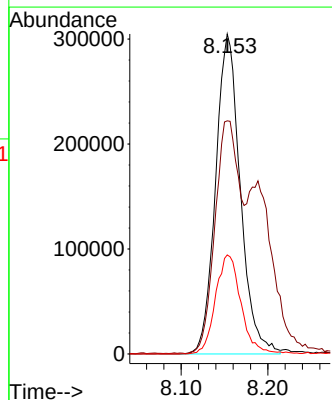
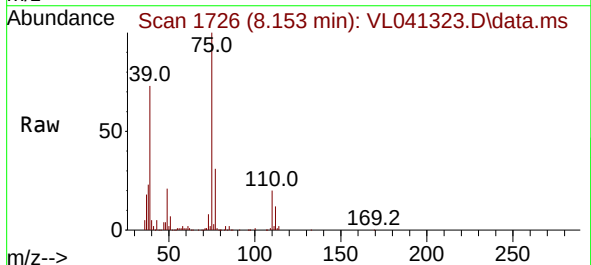
Manual Integrations
APPROVED

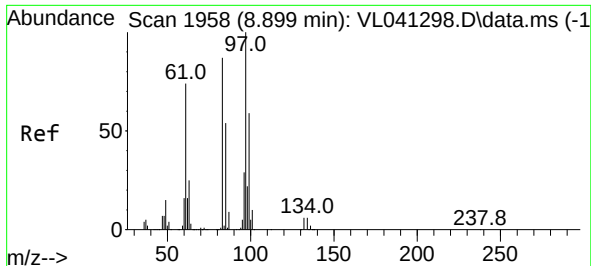
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#46
cis-1,3-Dichloropropene
Concen: 9.931 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

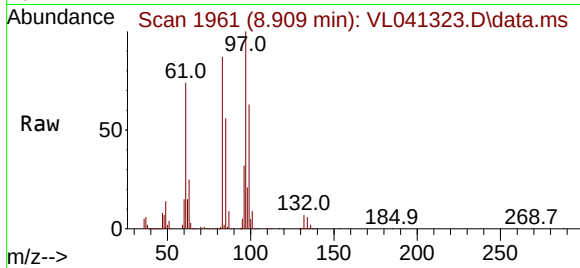
Tgt Ion: 75 Resp: 603227
Ion Ratio Lower Upper
75 100
39 72.6 59.2 88.8
77 30.9 25.0 37.6





#47
1,1,2-Trichloroethane
Concen: 10.216 ppbv
RT: 8.909 min Scan# 1958
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

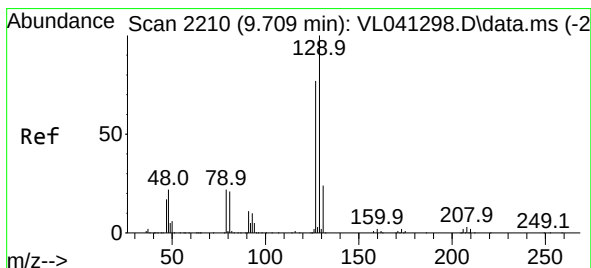
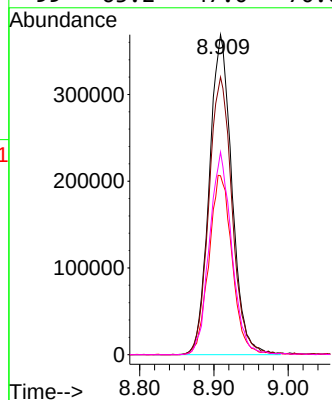
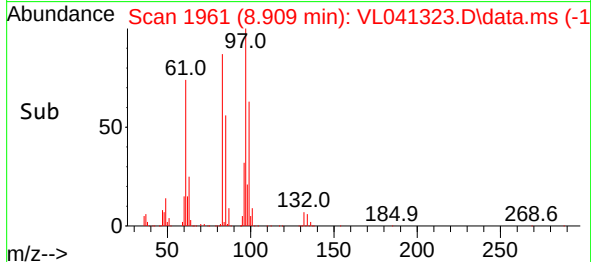
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion: 97 Resp: 78018
Ion Ratio Lower Upper
97 100
83 86.6 69.7 104.5
85 55.9 43.1 64.7
99 63.2 47.0 70.6

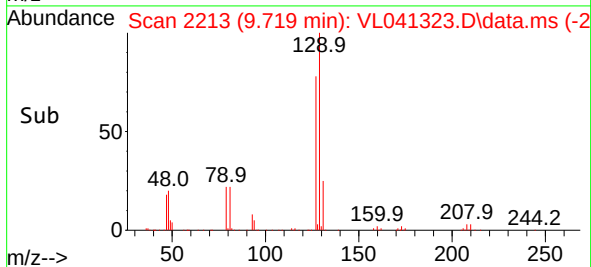
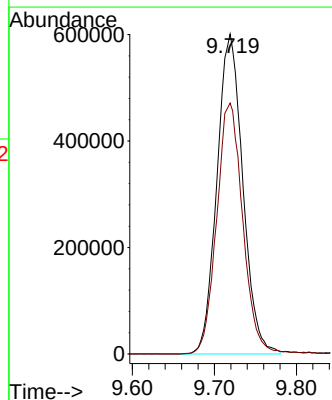
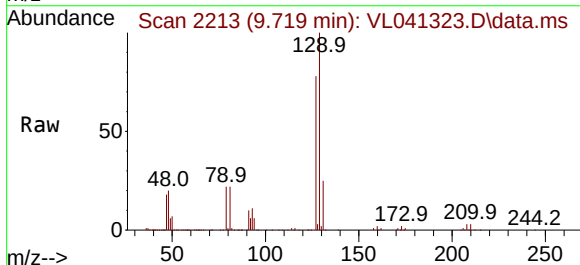
Manual Integrations
APPROVED

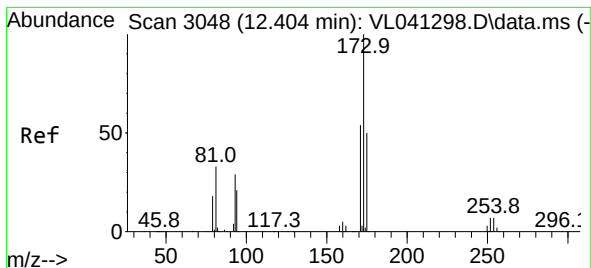
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#48
Dibromochloromethane
Concen: 10.450 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Tgt Ion:129 Resp: 1315227
Ion Ratio Lower Upper
129 100
127 79.7 39.1 117.5





#49

Bromoform

Concen: 11.035 ppbv

RT: 12.410 min Scan# 3048

Delta R.T. 0.007 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion:173 Resp: 1119234

Ion Ratio Lower Upper

173 100

175 49.7 39.9 59.9

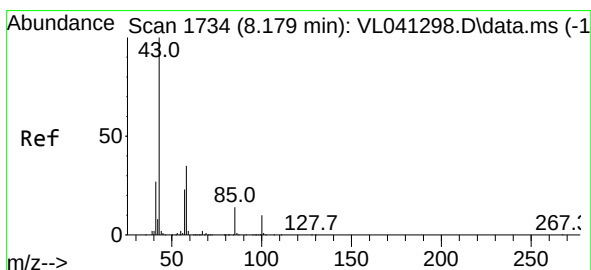
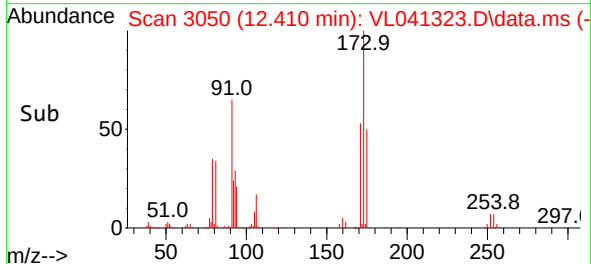
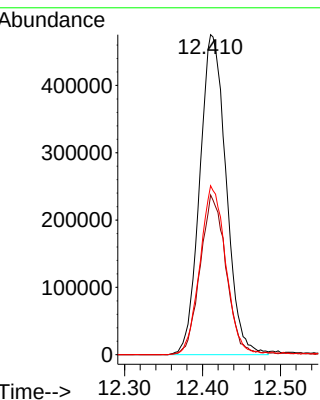
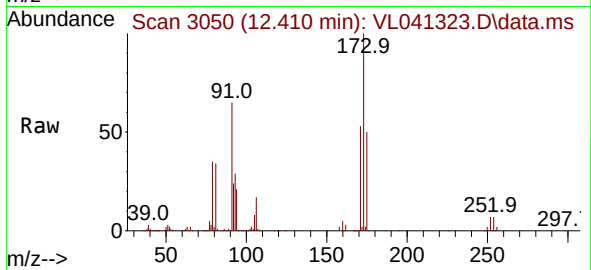
171 52.6 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#50

4-Methyl-2-Pentanone

Concen: 10.554 ppbv

RT: 8.189 min Scan# 1737

Delta R.T. 0.010 min

Lab File: VL041323.D

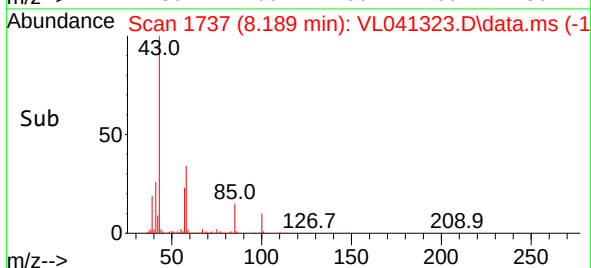
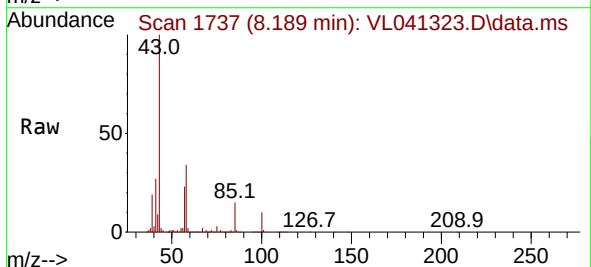
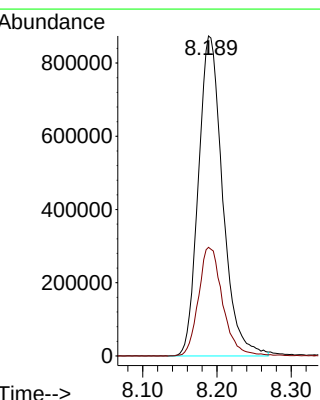
Acq: 5 Jun 2024 12:06

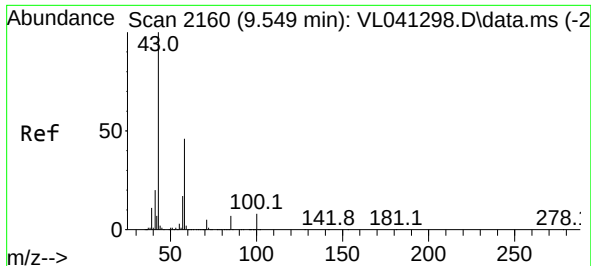
Tgt Ion: 43 Resp: 1981847

Ion Ratio Lower Upper

43 100

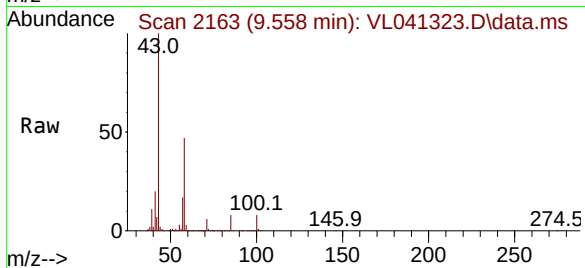
58 34.0 27.7 41.5





#51
2-Hexanone
Concen: 10.753 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

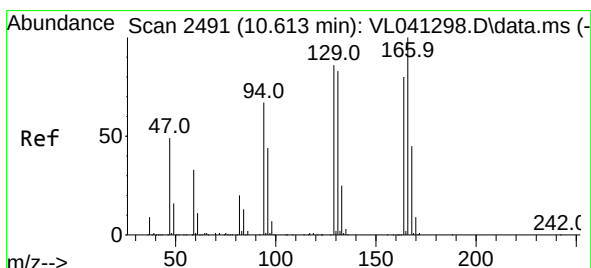
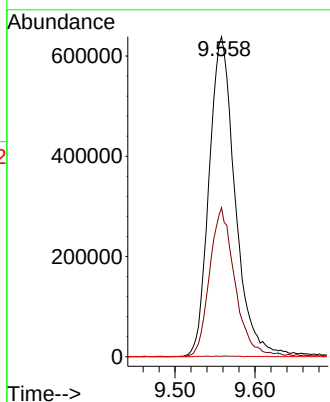
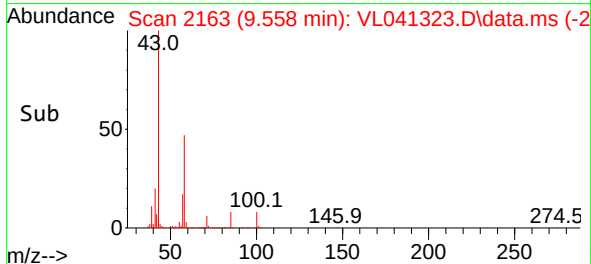
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion: 43 Resp: 143515
Ion Ratio Lower Upper
43 100
58 46.3 37.4 56.0
98 0.3 0.2 0.4

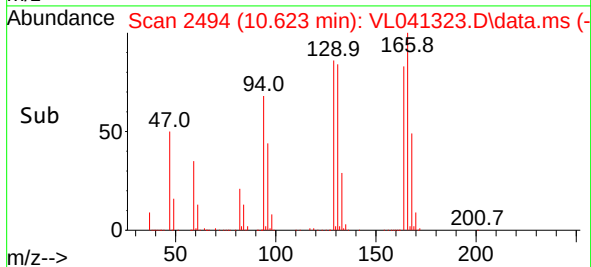
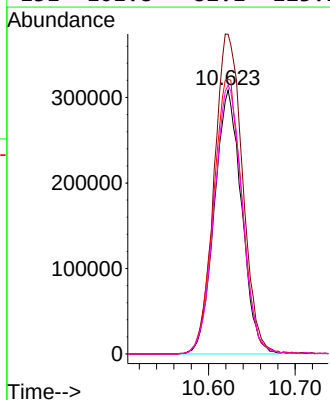
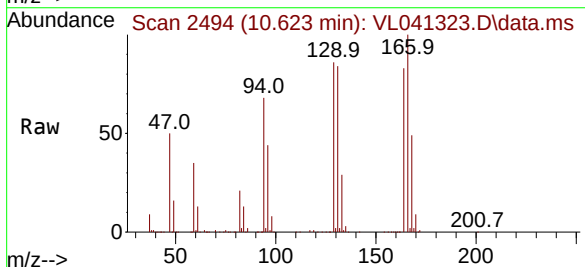
Manual Integrations
APPROVED

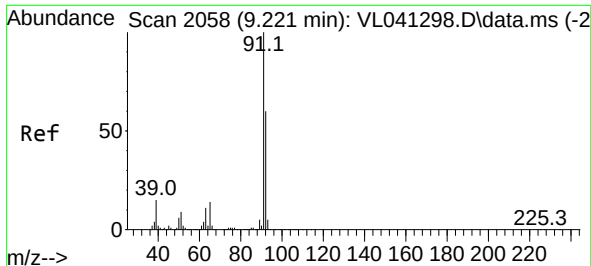
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#52
Tetrachloroethene
Concen: 10.057 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

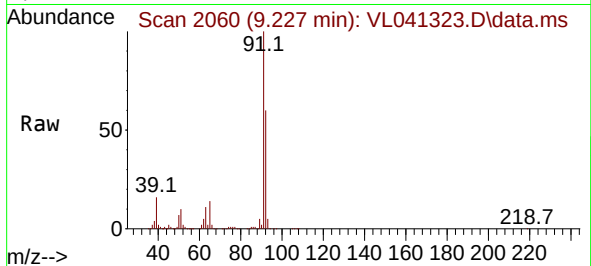
Tgt Ion:164 Resp: 673153
Ion Ratio Lower Upper
164 100
166 121.2 99.4 149.0
129 104.1 85.4 128.2
131 101.8 82.1 123.1





#53
Toluene
Concen: 10.407 ppbv
RT: 9.227 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

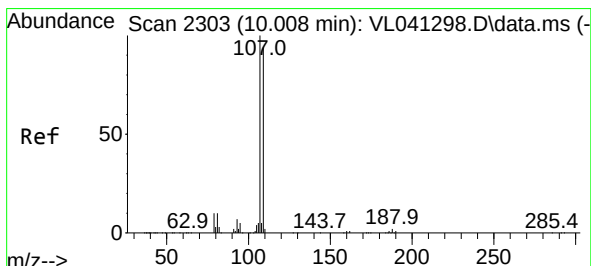
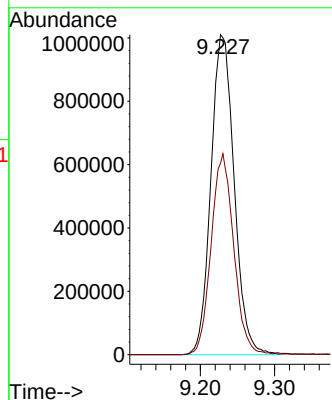
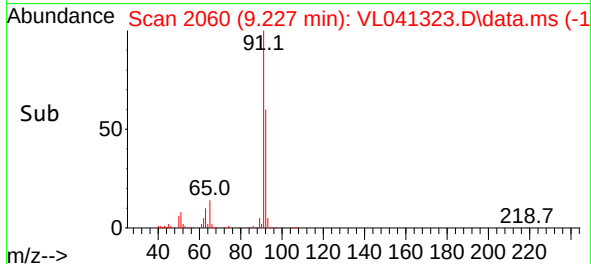
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



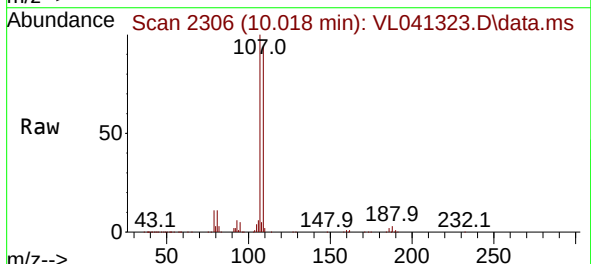
Tgt Ion: 91 Resp: 2196900
Ion Ratio Lower Upper
91 100
92 61.2 49.2 73.8

Manual Integrations
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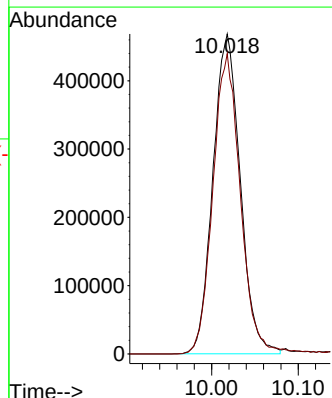
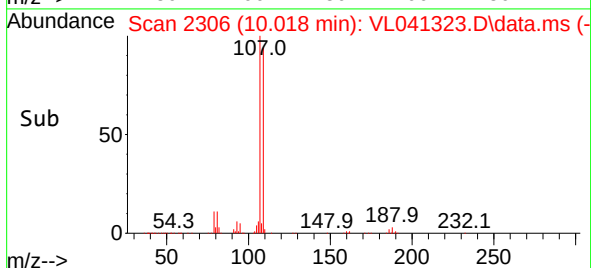
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

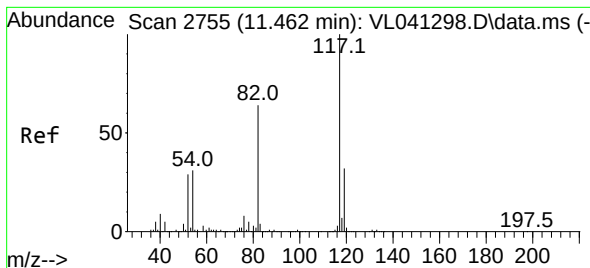


#54
1,2-Dibromoethane
Concen: 10.299 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



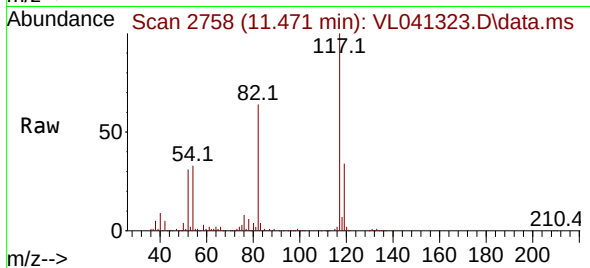
Tgt Ion:107 Resp: 1025390
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.471 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

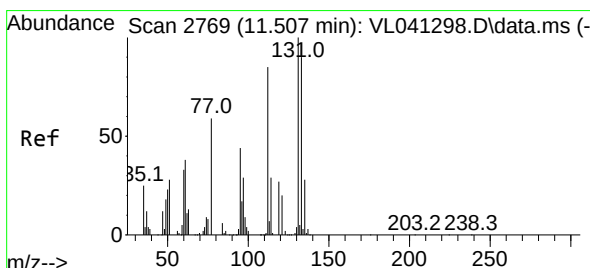
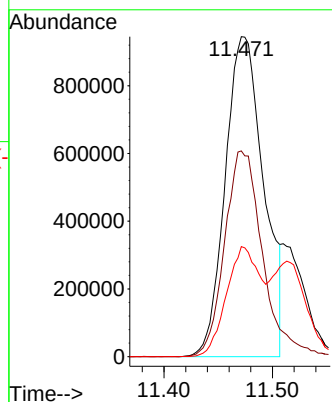
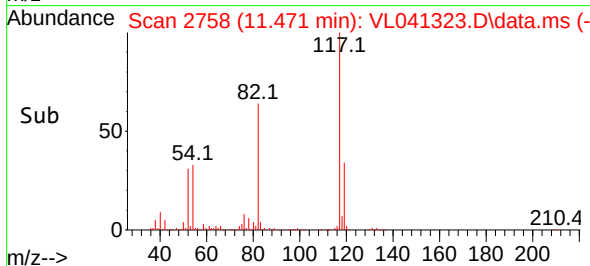
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion:117 Resp: 233205
Ion Ratio Lower Upper
117 100
82 63.6 52.3 78.5
119 32.1 26.2 39.2

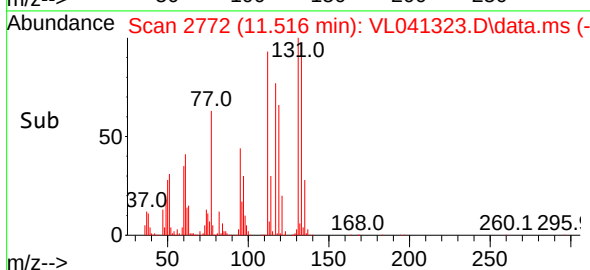
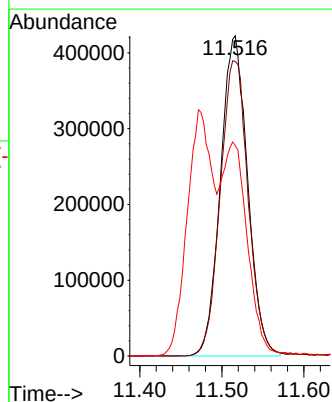
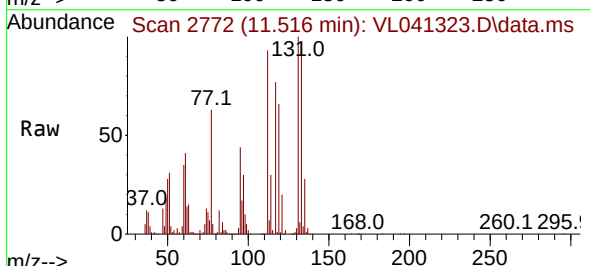
Manual Integrations
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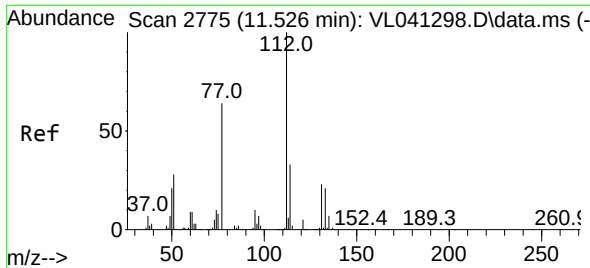
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 9.861 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

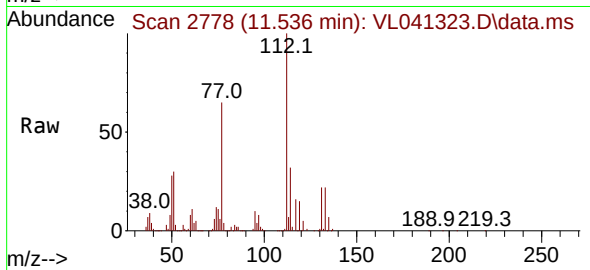
Tgt Ion:131 Resp: 972609
Ion Ratio Lower Upper
131 100
133 95.6 75.8 113.6
119 59.7 48.3 72.5





#57
Chlorobenzene
Concen: 9.612 ppbv
RT: 11.536 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

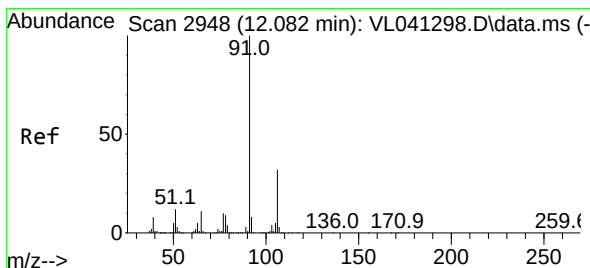
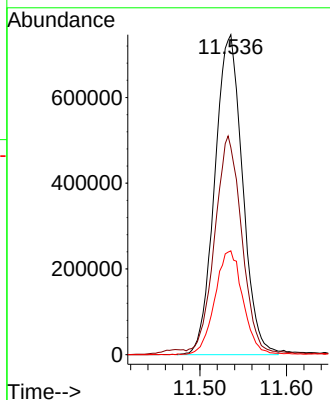
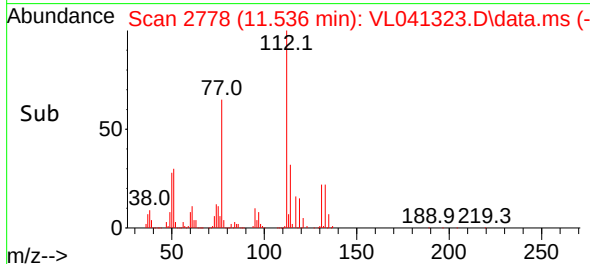
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



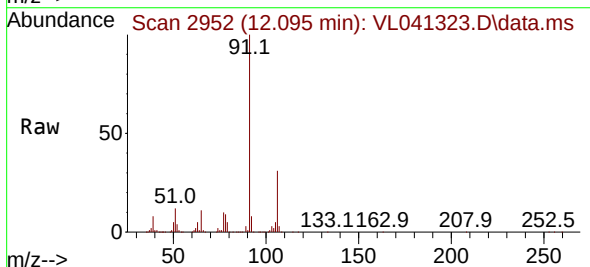
Tgt Ion:112 Resp: 166501
Ion Ratio Lower Upper
112 100
77 63.9 52.0 78.0
114 32.2 29.8 36.4

Manual Integrations
APPROVED

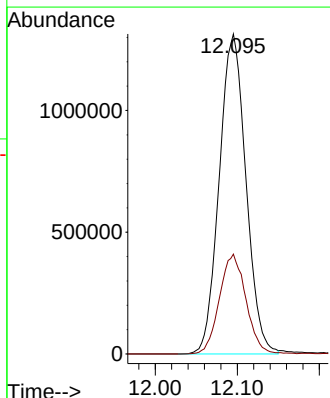
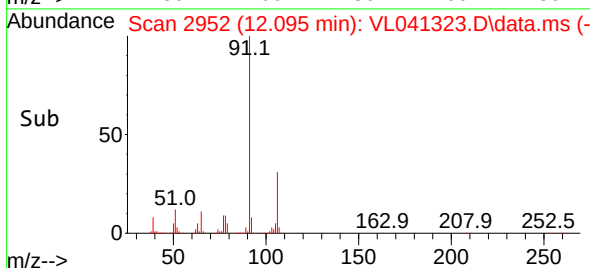
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

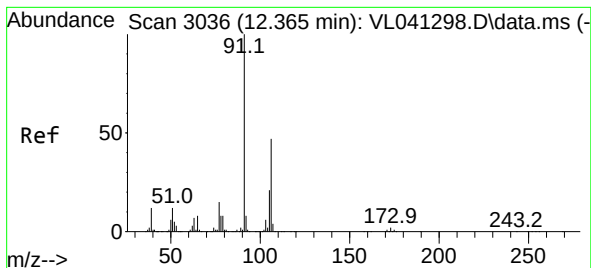


#58
Ethyl Benzene
Concen: 9.946 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.013 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



Tgt Ion: 91 Resp: 2973152
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3





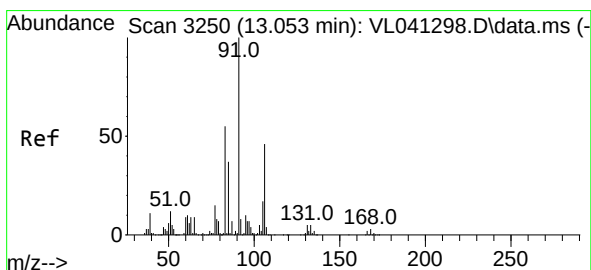
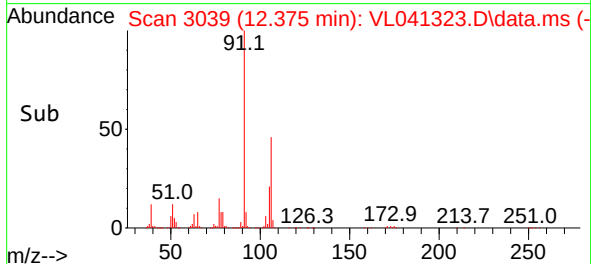
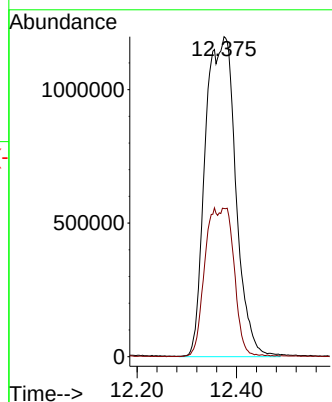
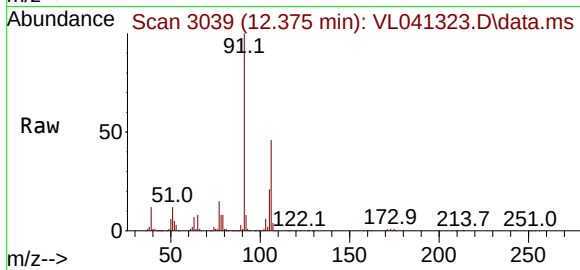
#59
m/p-Xylene
Concen: 19.822 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 91 Resp: 5076679
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5

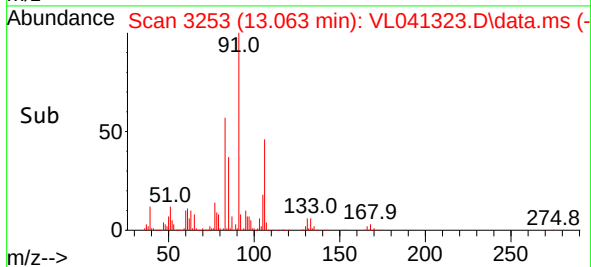
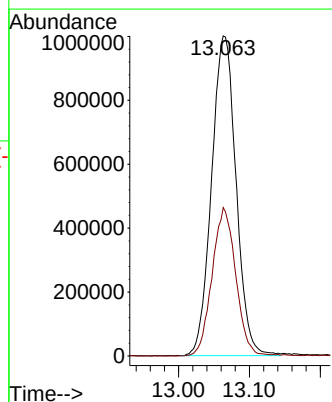
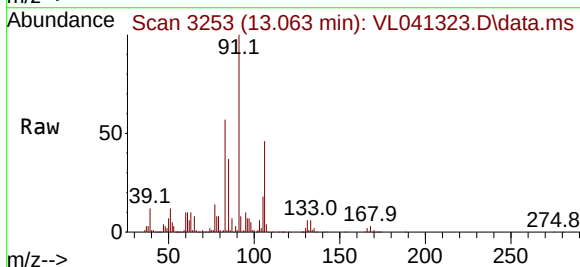
Manual Integrations
APPROVED

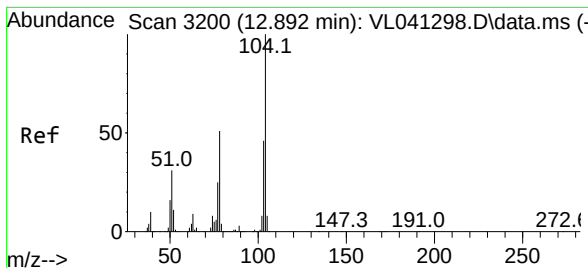
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#60
o-Xylene
Concen: 9.851 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Tgt Ion: 91 Resp: 2405232
Ion Ratio Lower Upper
91 100
106 45.0 22.8 68.4





#61

Styrene

Concen: 10.750 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion:104 Resp: 128684

Ion Ratio Lower Upper

104 100

78 51.8 42.2 63.4

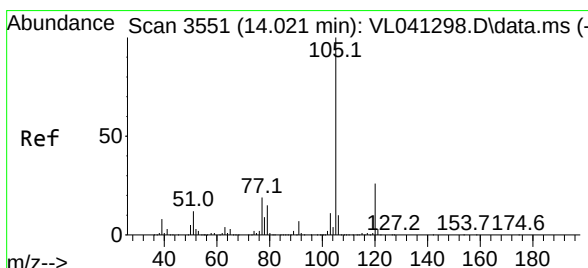
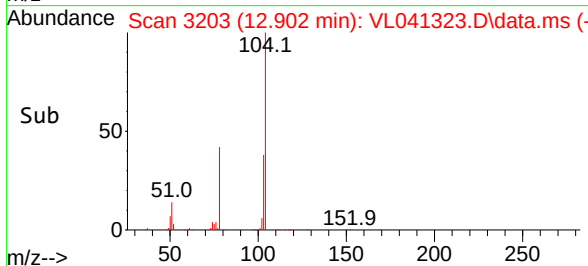
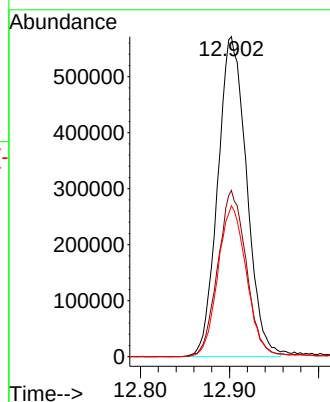
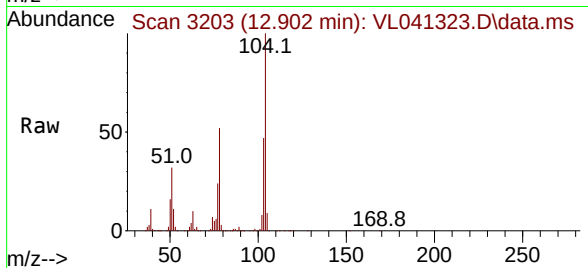
103 47.1 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#62

Isopropylbenzene

Concen: 9.719 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. 0.013 min

Lab File: VL041323.D

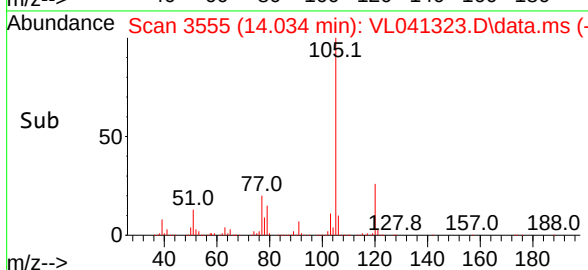
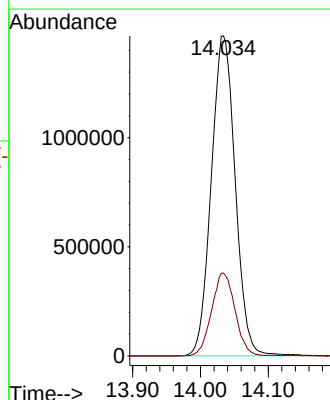
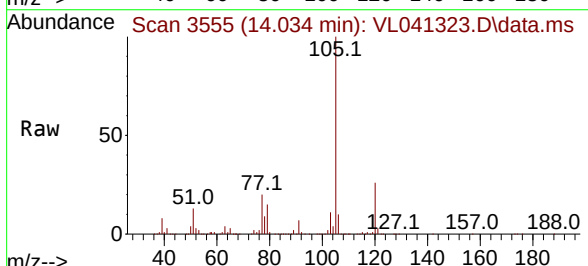
Acq: 5 Jun 2024 12:06

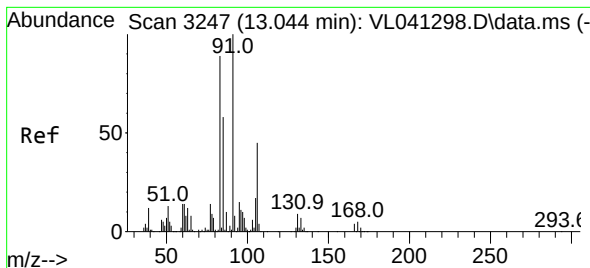
Tgt Ion:105 Resp: 3588972

Ion Ratio Lower Upper

105 100

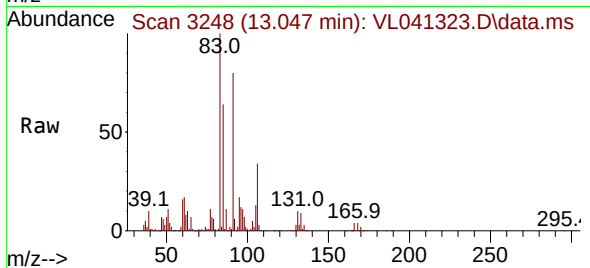
120 25.7 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 9.890 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

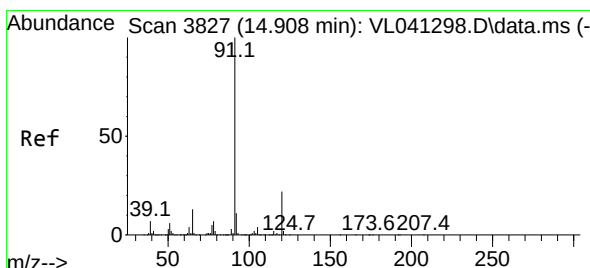
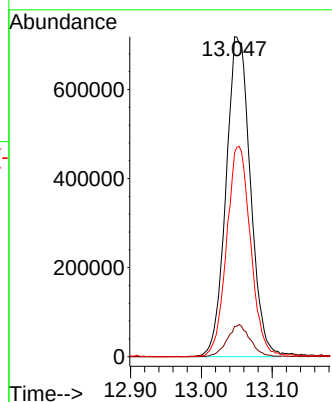
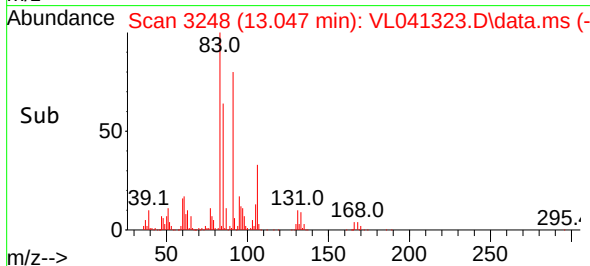
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



Tgt Ion: 83 Resp: 1718119
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 65.5 32.6 97.7

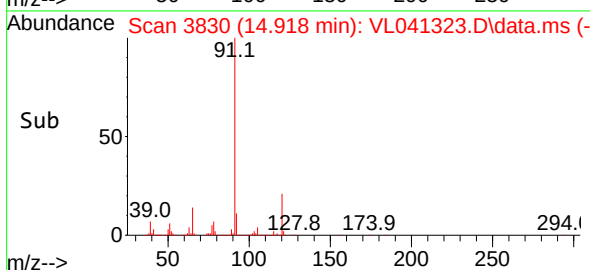
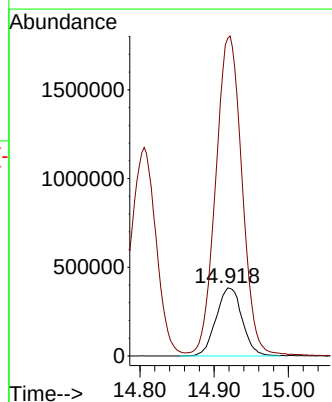
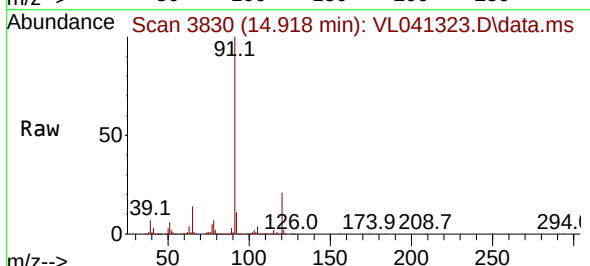
Manual Integrations
APPROVED

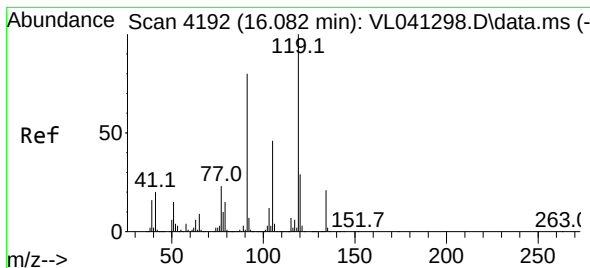
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#64
n-propylbenzene
Concen: 9.864 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

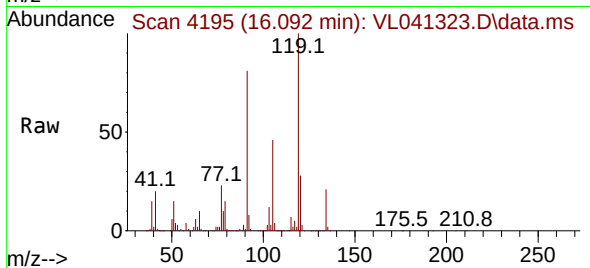
Tgt Ion:120 Resp: 938806
Ion Ratio Lower Upper
120 100
91 475.4 374.2 561.2





#65
tert-Butylbenzene
Concen: 9.621 ppbv
RT: 16.092 min Scan# 4192
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

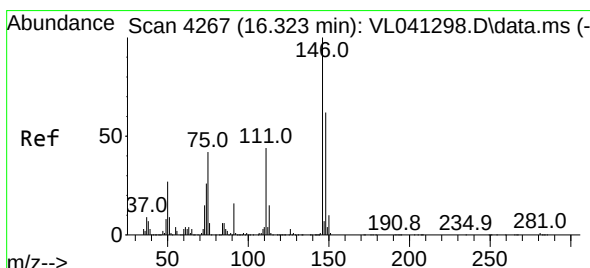
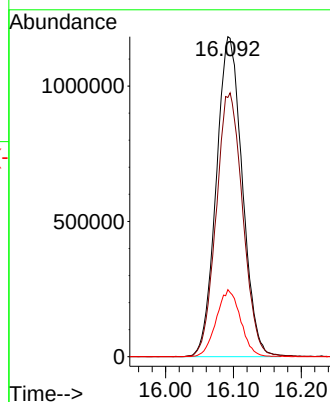
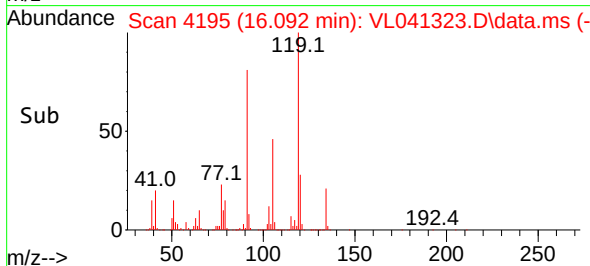
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



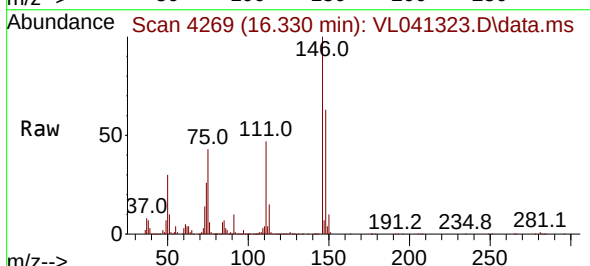
Tgt Ion:119 Resp: 315817
Ion Ratio Lower Upper
119 100
91 84.1 66.5 99.7
134 19.6 15.7 23.5

Manual Integrations
APPROVED

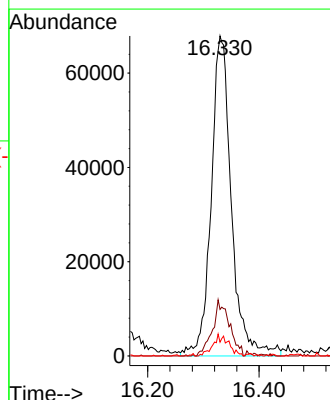
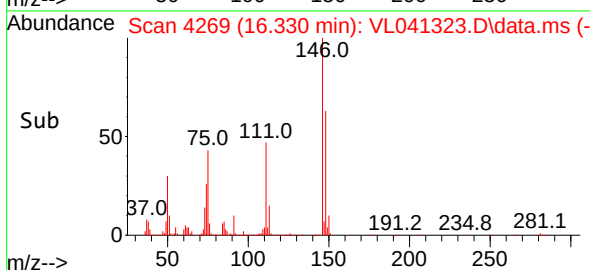
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

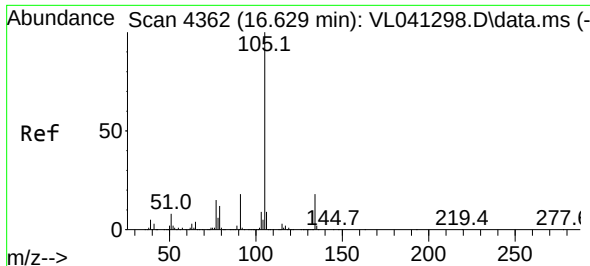


#66
Benzyl Chloride
Concen: 7.927 ppbv m
RT: 16.330 min Scan# 4269
Delta R.T. 0.007 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



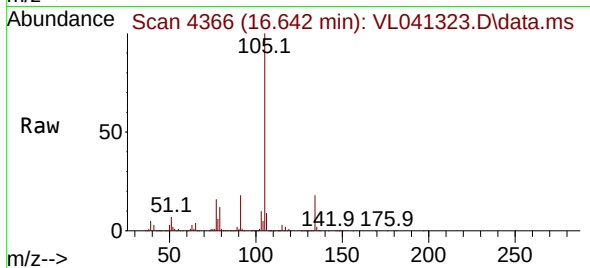
Tgt Ion: 91 Resp: 171205
Ion Ratio Lower Upper
91 100
126 15.1 13.4 20.2
128 5.5 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.720 ppbv
 RT: 16.642 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06

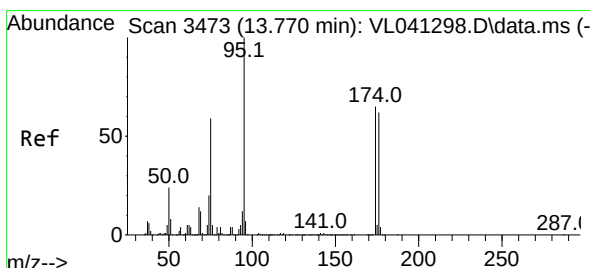
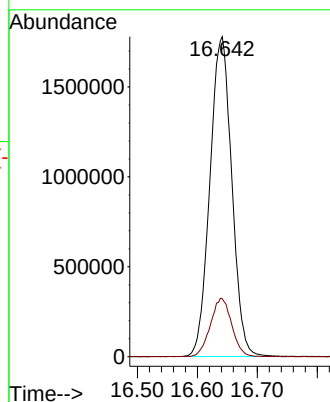
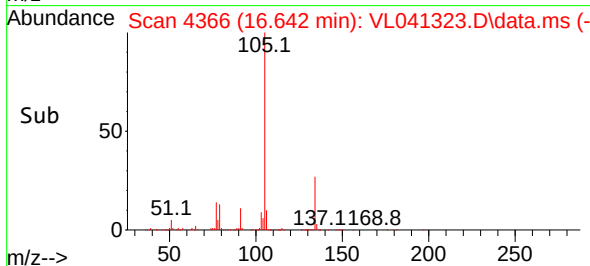
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



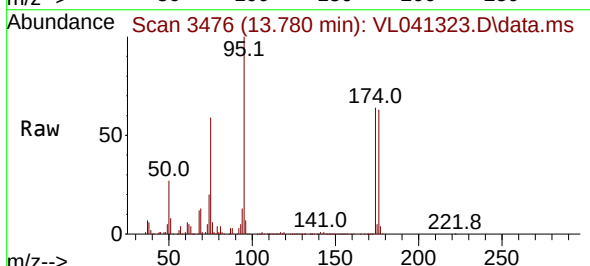
Tgt Ion:105 Resp: 4507998
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.3 21.5

Manual Integrations
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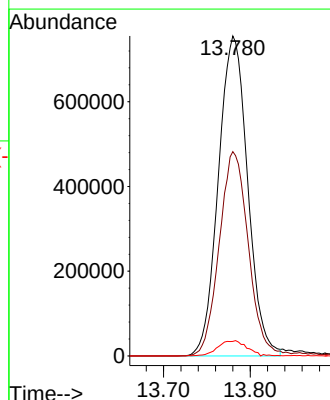
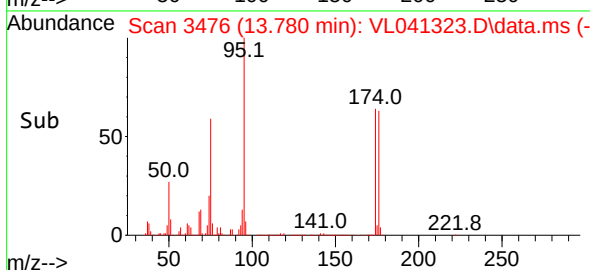
Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

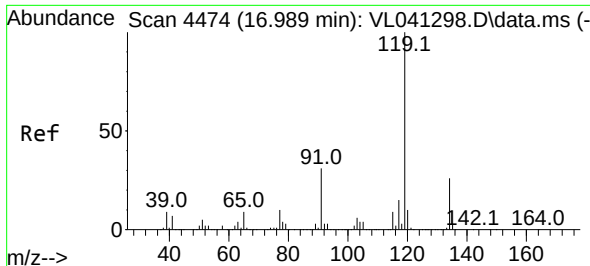


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.855 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.010 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06



Tgt Ion: 95 Resp: 1774455
 Ion Ratio Lower Upper
 95 100
 174 64.6 52.2 78.2
 175 4.9 4.1 6.1





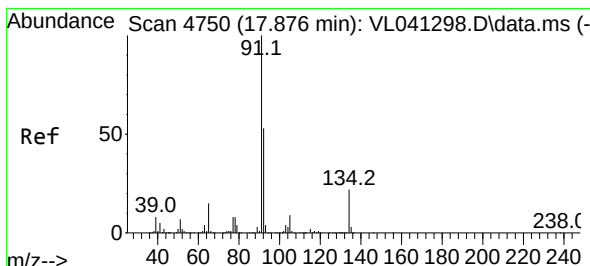
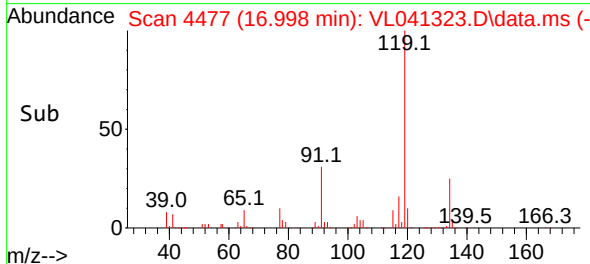
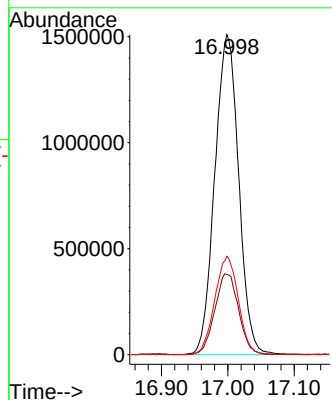
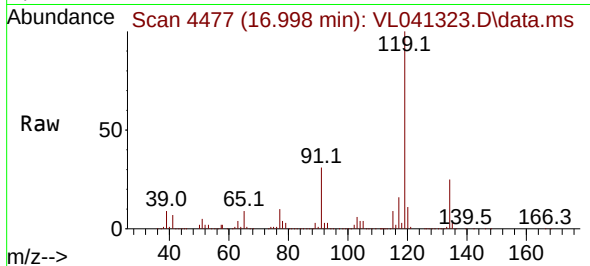
#69
p-Isopropyltoluene
Concen: 9.859 ppbv
RT: 16.998 min Scan# 4474
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion:119 Resp: 3768133
Ion Ratio Lower Upper
119 100
134 25.3 20.1 30.1
91 30.4 24.1 36.1

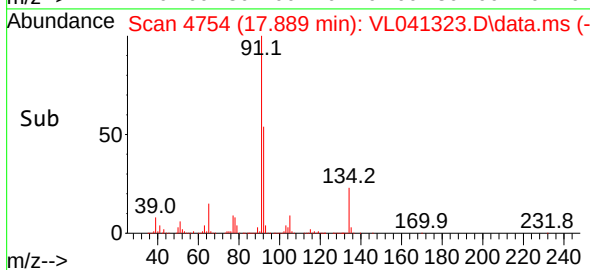
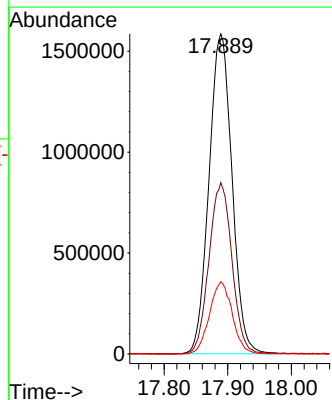
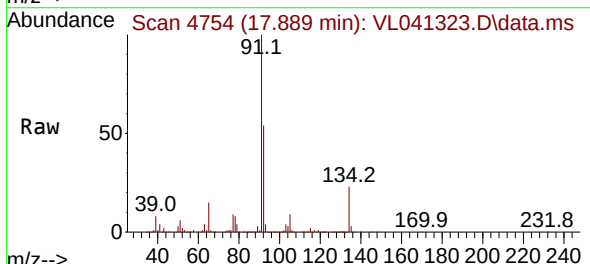
Manual Integrations
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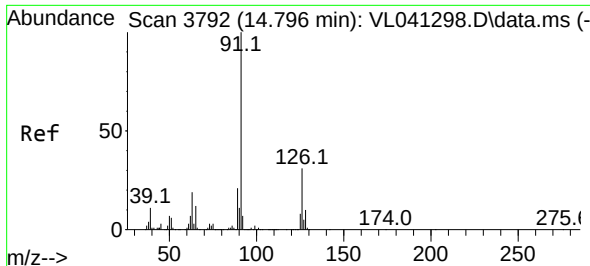
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#70
n-Butylbenzene
Concen: 10.041 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. 0.013 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Tgt Ion: 91 Resp: 3981339
Ion Ratio Lower Upper
91 100
92 53.6 42.9 64.3
134 22.4 17.9 26.9





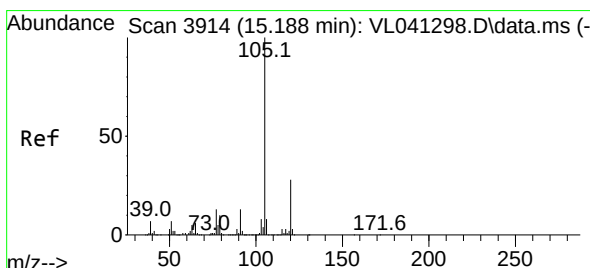
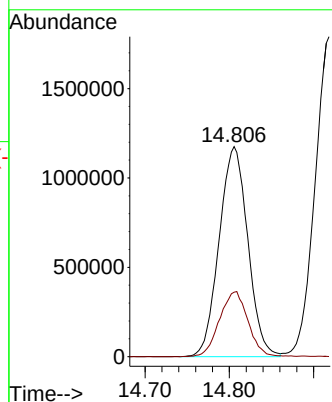
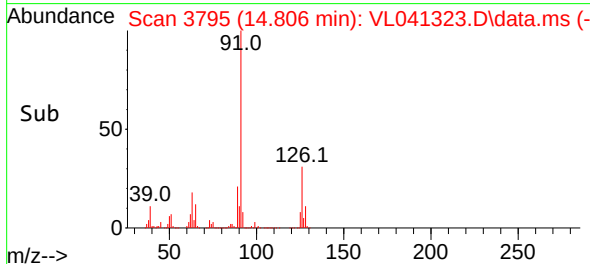
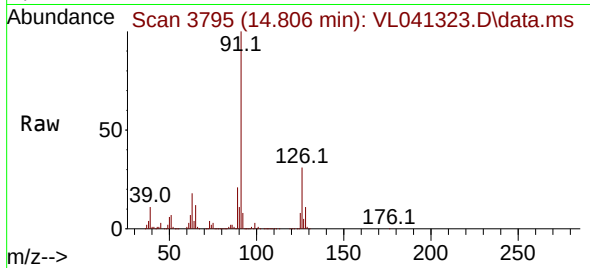
#71
2-Chlorotoluene
Concen: 9.822 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01

Tgt Ion: 91 Resp: 277583
Ion Ratio Lower Upper
91 100
126 31.3 12.4 49.8

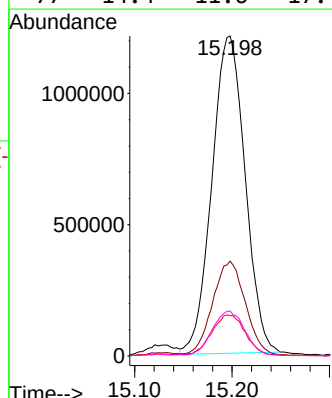
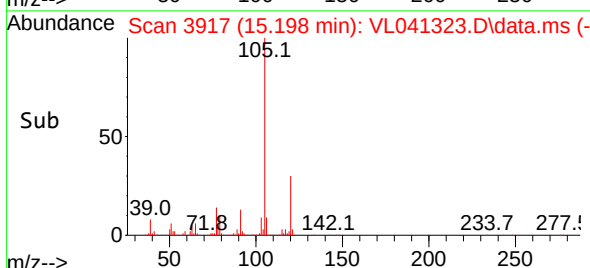
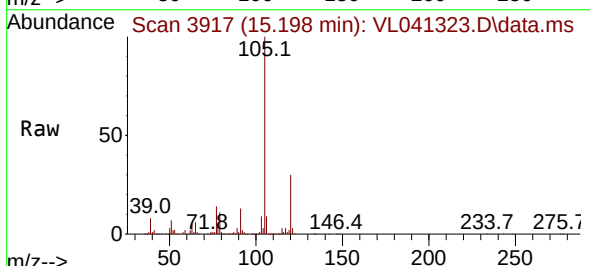
Manual Integrations
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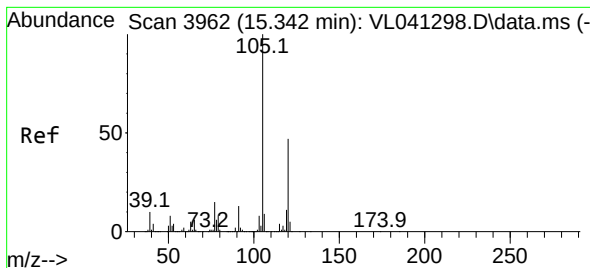
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#72
4-Ethyltoluene
Concen: 10.067 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

Tgt Ion:105 Resp: 2863513
Ion Ratio Lower Upper
105 100
120 30.9 23.7 35.5
91 13.1 10.6 16.0
77 14.4 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.336 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.013 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion:105 Resp: 2551890

Ion Ratio Lower Upper

105 100

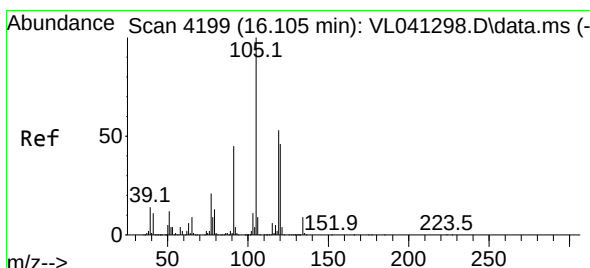
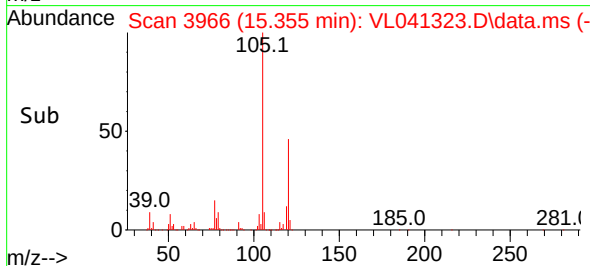
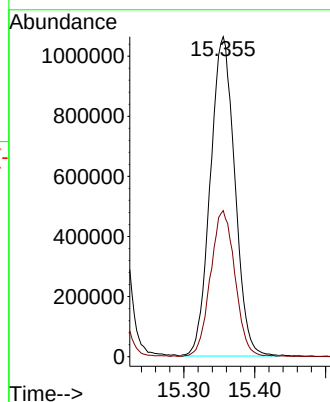
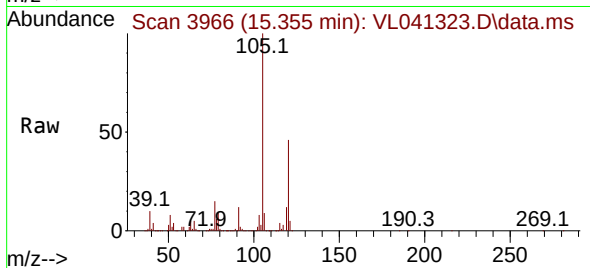
120 45.6 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.908 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.006 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

Tgt Ion:105 Resp: 2766288

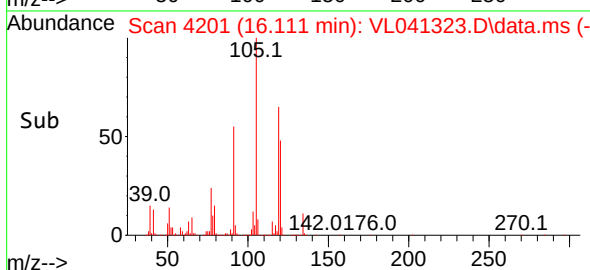
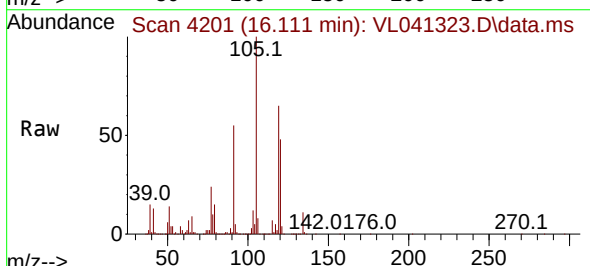
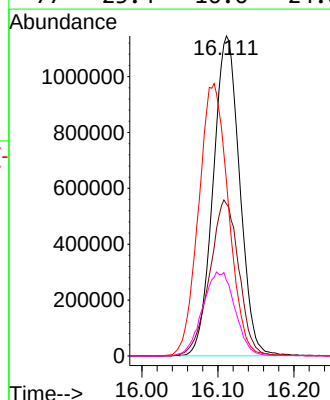
Ion Ratio Lower Upper

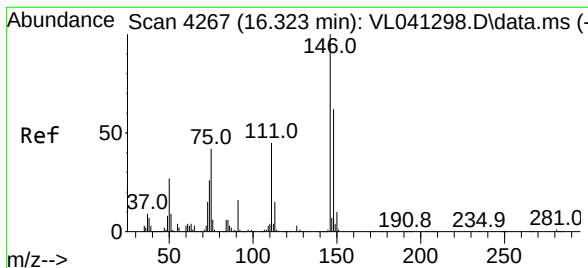
105 100

120 47.2 37.0 55.6

91 54.5 36.2 54.4#

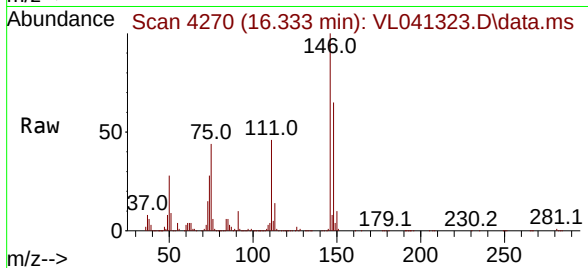
77 23.4 16.6 24.8





#75
1,3-Dichlorobenzene
Concen: 10.116 ppbv
RT: 16.333 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06

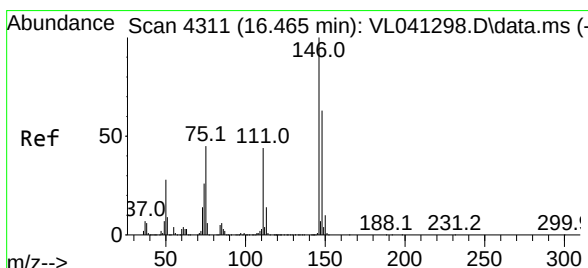
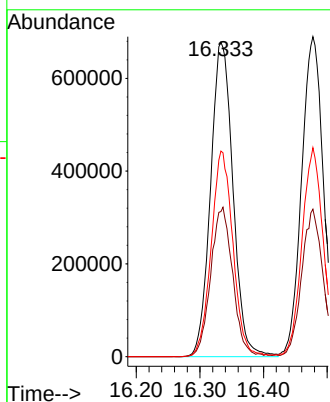
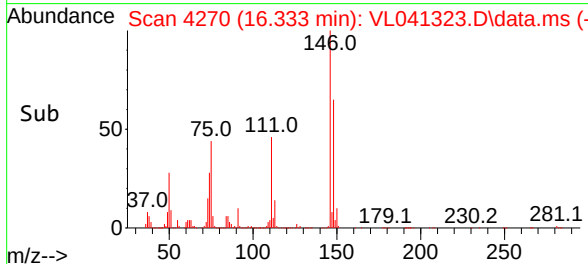
Instrument :
MSVOA_L
ClientSampleId :
VL0605ABS01



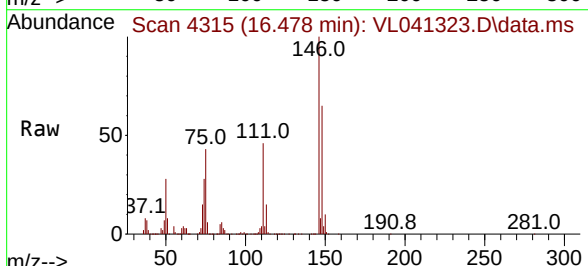
Tgt Ion:146 Resp: 1658089
Ion Ratio Lower Upper
146 100
111 46.8 23.3 69.8
148 63.6 32.2 96.6

Manual Integrations
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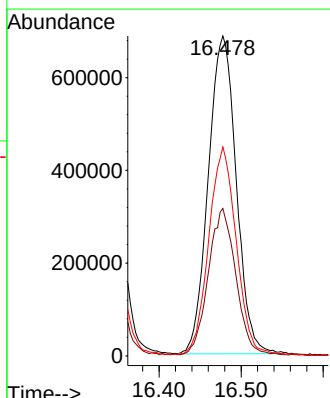
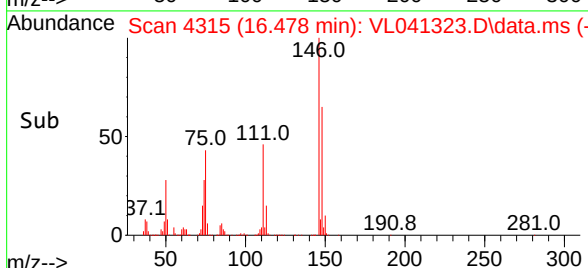
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

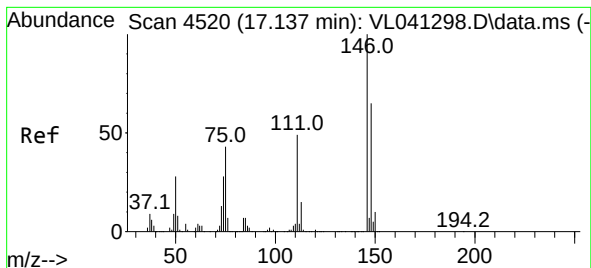


#76
1,4-Dichlorobenzene
Concen: 9.908 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. 0.013 min
Lab File: VL041323.D
Acq: 5 Jun 2024 12:06



Tgt Ion:146 Resp: 1622776
Ion Ratio Lower Upper
146 100
111 46.5 23.3 69.9
148 65.3 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.866 ppbv

RT: 17.143 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01

Tgt Ion:146 Resp: 161881

Ion Ratio Lower Upper

146 100

111 48.3 24.3 72.9

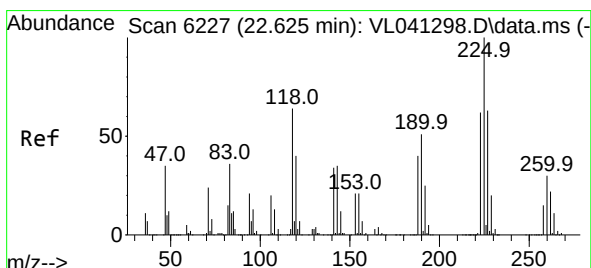
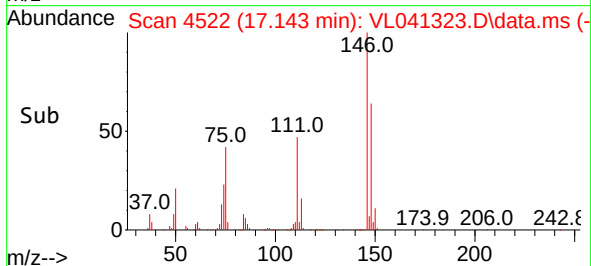
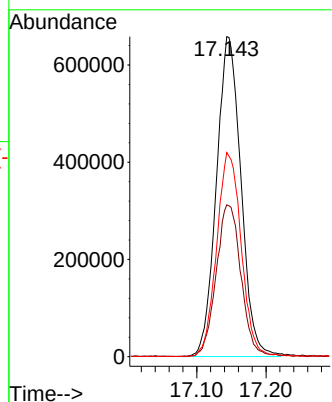
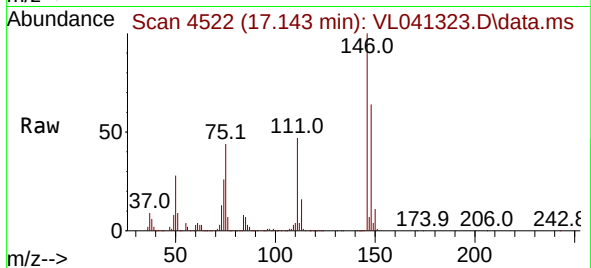
148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.564 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. 0.010 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

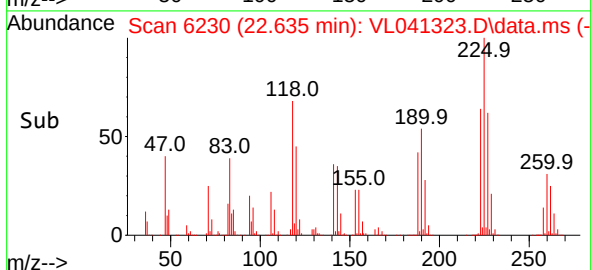
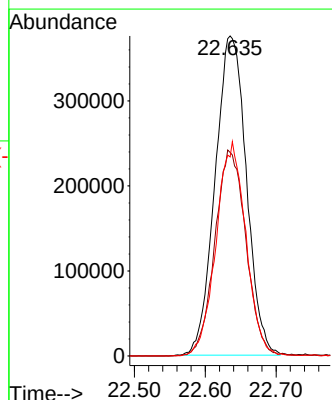
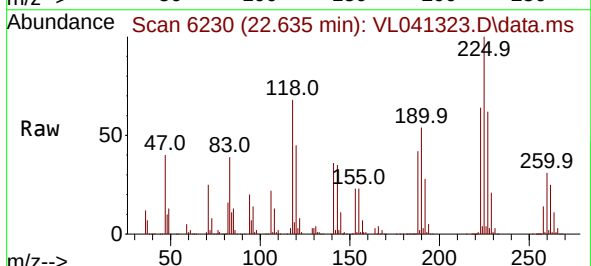
Tgt Ion:225 Resp: 1151541

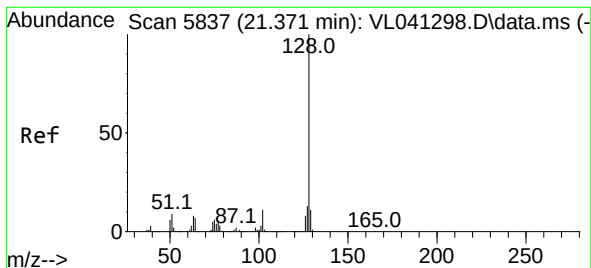
Ion Ratio Lower Upper

225 100

223 64.3 51.0 76.6

227 64.0 51.1 76.7





#79

Naphthalene

Concen: 11.532 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.013 min

Lab File: VL041323.D

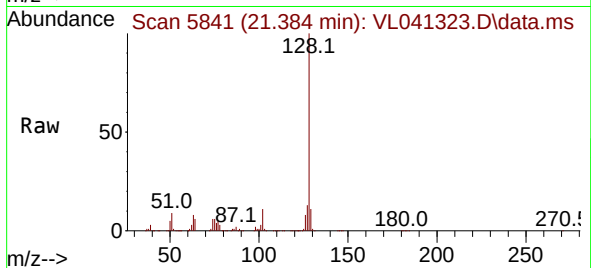
Acq: 5 Jun 2024 12:06

Instrument :

MSVOA_L

ClientSampleId :

VL0605ABS01



Tgt Ion:128 Resp: 279376

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

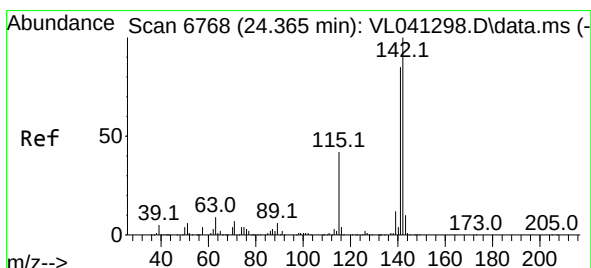
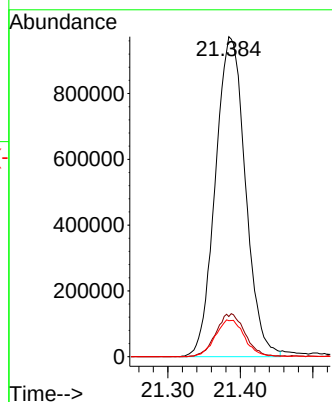
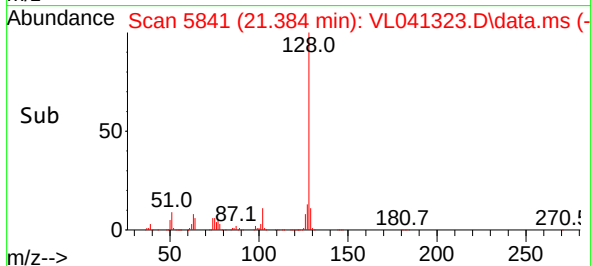
129 11.3 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#80

Naphthalene,2-methyl-

Concen: 10.606 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.010 min

Lab File: VL041323.D

Acq: 5 Jun 2024 12:06

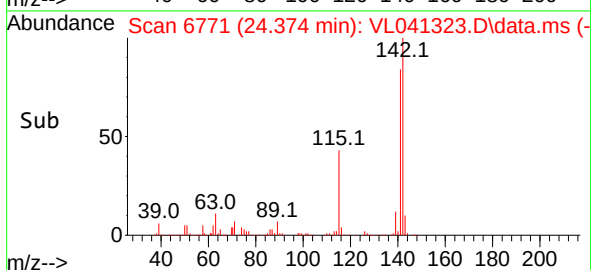
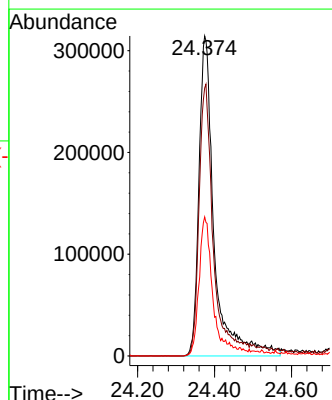
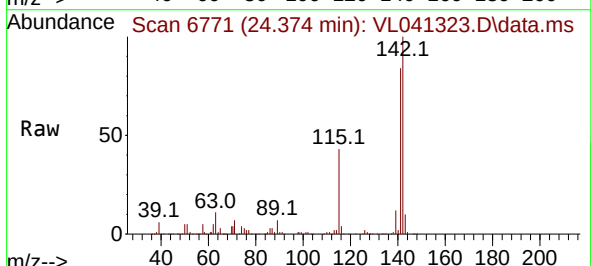
Tgt Ion:142 Resp: 867719

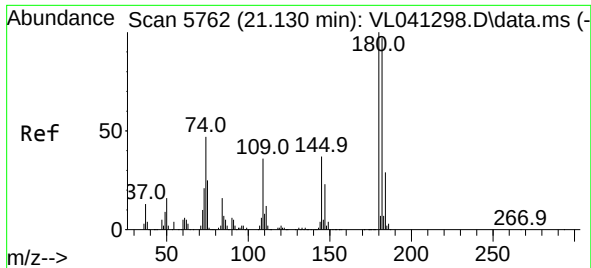
Ion Ratio Lower Upper

142 100

141 85.1 68.5 102.7

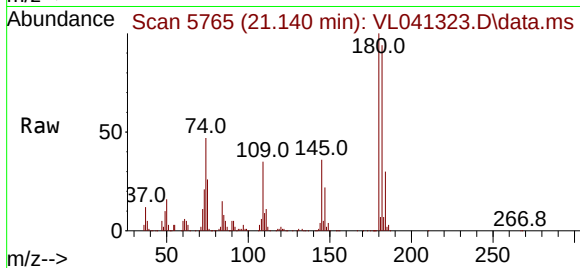
115 40.7 32.6 49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.871 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VL041323.D
 Acq: 5 Jun 2024 12:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0605ABS01



Tgt Ion:180 Resp: 1333632
 Ion Ratio Lower Upper
 180 100
 182 98.2 77.0 115.6
 184 31.3 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

