

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041603.D
 Acq On : 18 Sep 2024 10:16
 Operator : SY/MD
 Sample : VL0918ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0918ABS01

Quant Time: Sep 19 01:29:22 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

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

Internal Standards						
1) Bromochloromethane	5.189	49	1156371	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.648	114	3163270	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.462	117	3156402	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2259237 9.723 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	1884134	11.282	ppbv	99
3) Chlorodifluoromethane	2.677	51	1281112	9.134	ppbv	99
4) Chloromethane	2.816	50	707023	9.165	ppbv	98
5) Vinyl Chloride	2.922	62	686540	10.278	ppbv	99
6) Bromomethane	3.121	94	316275	9.517	ppbv	99
7) Chloroethane	3.198	64	236020	9.085	ppbv	98
8) Dichlorotetrafluoroethane	2.858	85	1659459	9.473	ppbv	99
9) Propene	2.697	41	588244	9.943	ppbv	99
10) Heptane	7.574	43	1457487	10.522	ppbv	99
11) Trichlorofluoromethane	3.562	101	1615013	9.088	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.063	101	1190198	9.248	ppbv	99
13) Ethanol	3.250	45	26862m	6.039	ppbv	
14) Bromoethene	3.366	108	487861	9.997	ppbv	98
15) Acetone	3.468	43	1192968	8.217	ppbv	99
16) 1,3-Butadiene	2.986	39	693352	9.819	ppbv	96
17) tert-Butyl alcohol	3.877	59	1224256	9.589	ppbv	99
18) 1,1-Dichloroethene	3.880	96	535313	9.825	ppbv	99
19) Isopropyl Alcohol	3.575	45	656028	8.827	ppbv #	98
20) Methylene Chloride	3.931	84	441509	8.095	ppbv	98
21) Allyl Chloride	3.993	41	813252	9.665	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	522406	9.611	ppbv	99
23) Vinyl Acetate	4.623	43	835177	10.459	ppbv	98
24) 1,1-Dichloroethane	4.562	63	1142671	9.534	ppbv	99
25) Ethyl Acetate	5.201	43	2647300	10.158	ppbv	99
26) Hexane	5.208	57	1074230	9.884	ppbv	100
27) Carbon Disulfide	4.121	76	1270273	10.995	ppbv	100
28) Methyl tert-Butyl Ether	4.584	73	657790	9.816	ppbv	99
29) Chloroform	5.272	83	1685499	9.477	ppbv	98
30) Cyclohexane	6.597	84	909681	10.858	ppbv	100
31) cis-1,2-Dichloroethene	5.076	61	1045127	10.129	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1637346	10.336	ppbv	98
34) 2-Butanone	4.784	43	1503091	9.965	ppbv	99
35) Carbon Tetrachloride	6.491	117	1732518	11.163	ppbv	98
36) Benzene	6.365	78	2307599	10.504	ppbv	99
37) 1,2-Dichloroethane	5.803	62	1290133	10.122	ppbv	100
38) Trichloroethene	7.288	130	1229916	10.871	ppbv	98
39) 1,2-Dichloropropane	7.070	63	887630	9.932	ppbv	99
40) 1,4-Dioxane	7.282	88	364111	10.808	ppbv #	98
41) Tetrahydrofuran	5.552	42	920914	11.094	ppbv	99
42) Bromodichloromethane	7.246	83	1840578	10.379	ppbv	97
43) Methyl Methacrylate	7.468	69	905817	11.522	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	3875181	10.196	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	809504	12.771	ppbv	99

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Instrument :
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 ClientSampleId :
 VL0918ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 01:29:22 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1131086	12.181	ppbv	99
47) 1,1,2-Trichloroethane	8.893	97	963708	10.156	ppbv	98
48) Dibromochloromethane	9.706	129	1586368	11.034	ppbv	99
49) Bromoform	12.404	173	1395106	11.304	ppbv	100
50) 4-Methyl-2-Pentanone	8.176	43	2558165	10.982	ppbv	100
51) 2-Hexanone	9.542	43	1996601	11.332	ppbv #	99
52) Tetrachloroethene	10.610	164	870327	10.941	ppbv	98
53) Toluene	9.214	91	2660302	11.408	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1300569	11.130	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.500	131	1174089	9.527	ppbv	98
57) Chlorobenzene	11.523	112	2083591	9.156	ppbv	99
58) Ethyl Benzene	12.082	91	3610725	10.686	ppbv	98
59) m/p-Xylene	12.365	91	6126839m	20.373	ppbv	
60) o-Xylene	13.053	91	2952785	10.241	ppbv	100
61) Styrene	12.889	104	1434081	11.906	ppbv	100
62) Isopropylbenzene	14.024	105	4303632	9.852	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	1395823	9.469	ppbv	99
64) n-propylbenzene	14.912	120	1163609	10.315	ppbv	98
65) tert-Butylbenzene	16.085	119	3844766	9.602	ppbv	100
66) Benzyl Chloride	16.320	91	212184	10.193	ppbv	99
67) sec-Butylbenzene	16.632	105	5382674	9.689	ppbv	100
69) p-Isopropyltoluene	16.989	119	4506080	10.021	ppbv	100
70) n-Butylbenzene	17.879	91	4641102	9.853	ppbv	100
71) 2-Chlorotoluene	14.796	91	3239678	10.080	ppbv	100
72) 4-Ethyltoluene	15.188	105	3572445	10.600	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	3028398	10.176	ppbv	97
74) 1,2,4-Trimethylbenzene	16.101	105	3355900	9.634	ppbv	99
75) 1,3-Dichlorobenzene	16.323	146	2087035	9.560	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	2006487	9.592	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	2006971	9.312	ppbv	100
78) Hexachloro-1,3-Butadiene	22.625	225	1497828	8.425	ppbv	99
79) Naphthalene	21.374	128	3150966	12.291	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	2210947	12.308	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1664970	10.215	ppbv	99

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

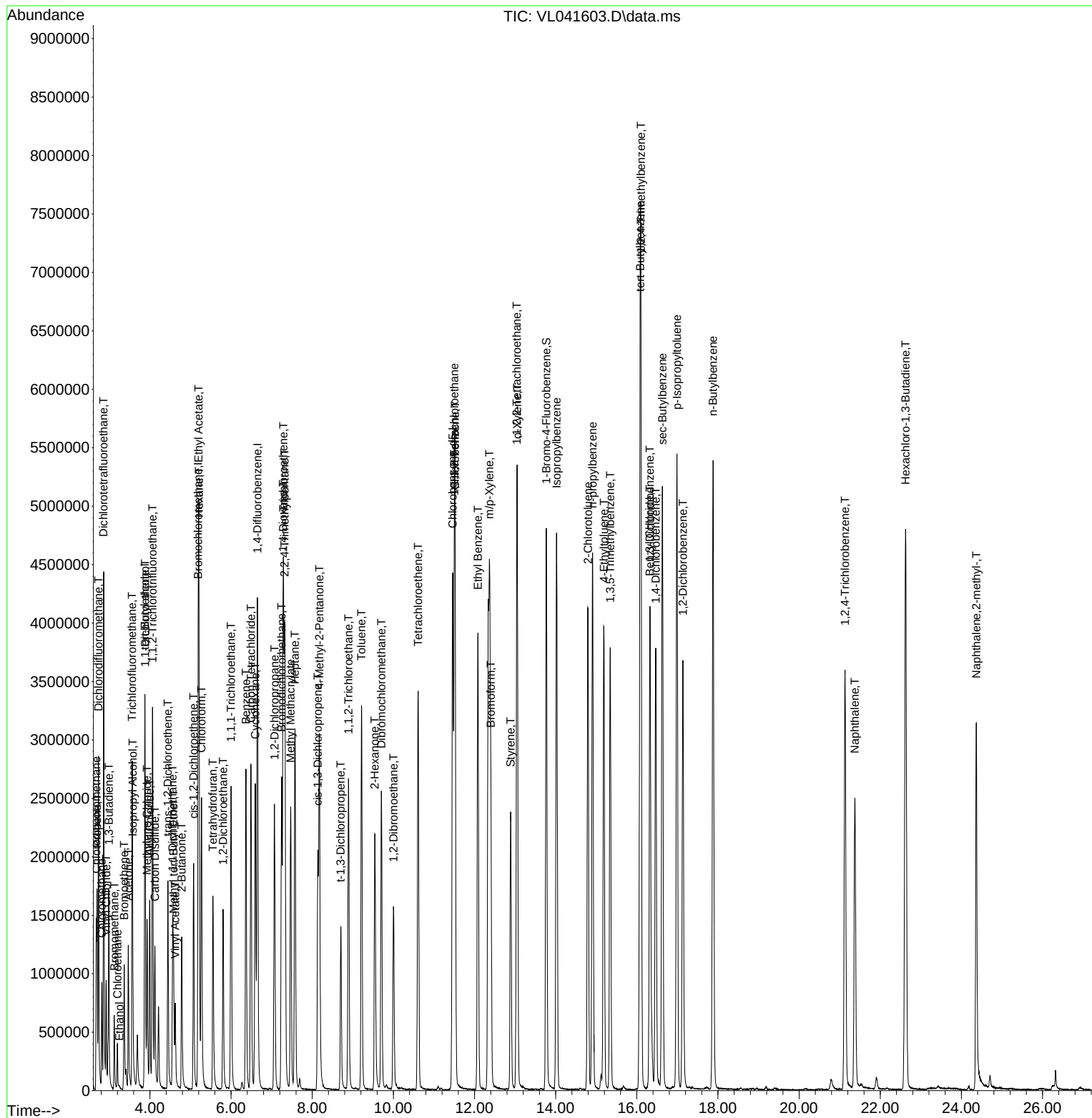
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ALS Vial : 1 Sample Multiplier: 1

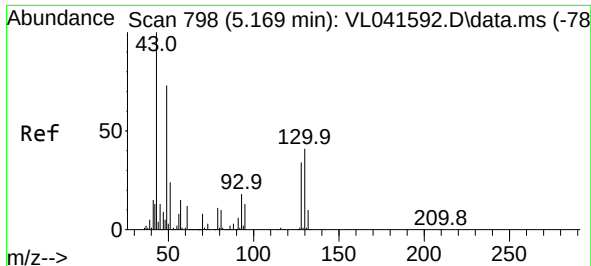
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01

Quant Time: Sep 19 01:29:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Sep 17 09:12:21 2024
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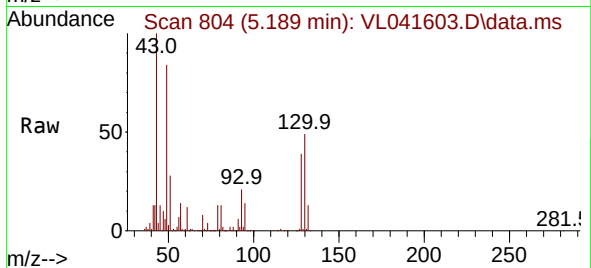
Reviewed By : Semsettin Yesilyurt 09/19/2024
Supervised By : Mahesh Dadoda 09/19/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

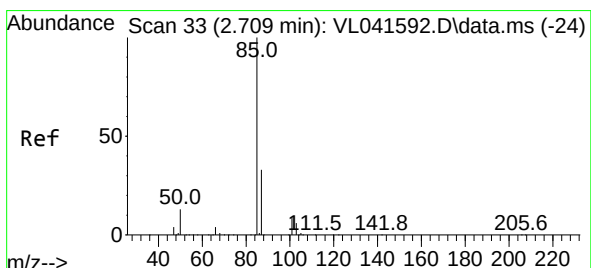
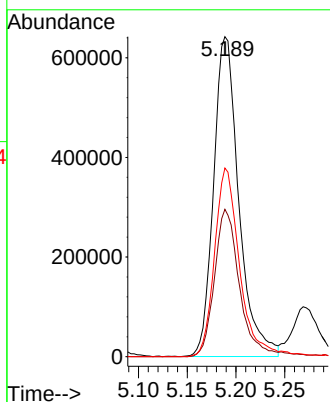
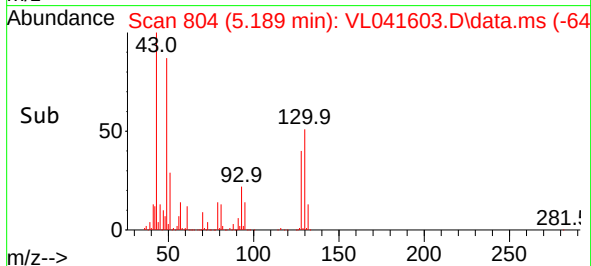
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



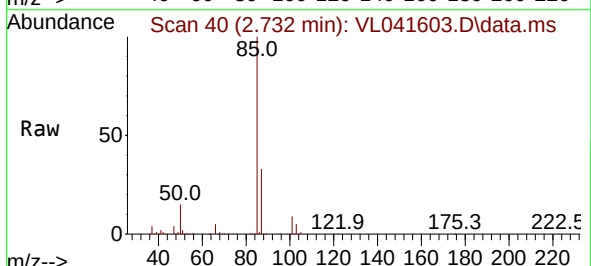
Tgt Ion: 49 Resp: 115637
Ion Ratio Lower Upper
49 100
128 46.9 23.8 71.5
130 59.9 30.4 91.3

Manual Integrations
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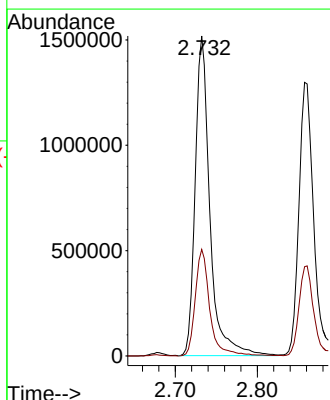
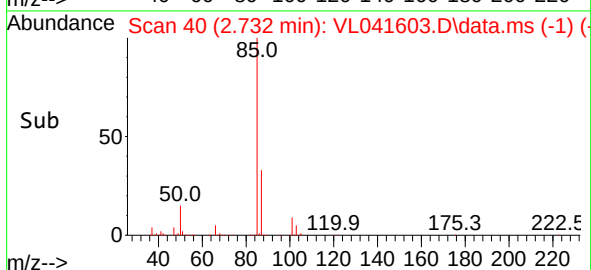
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

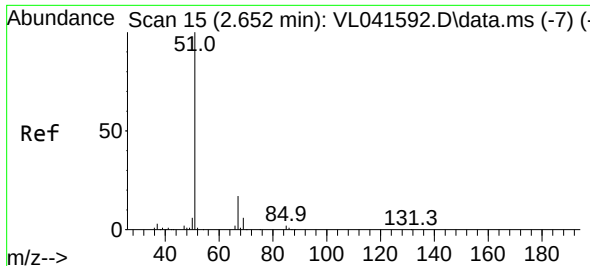


#2
Dichlorodifluoromethane
Concen: 11.282 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



Tgt Ion: 85 Resp: 1884134
Ion Ratio Lower Upper
85 100
87 33.3 26.3 39.5





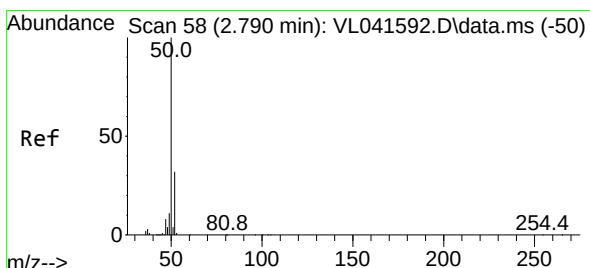
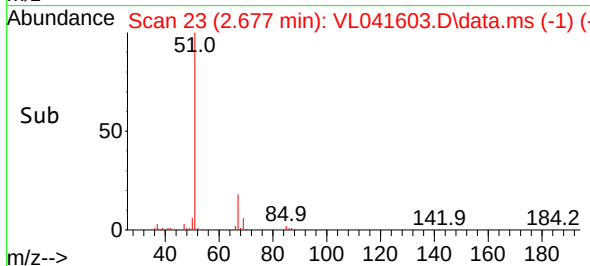
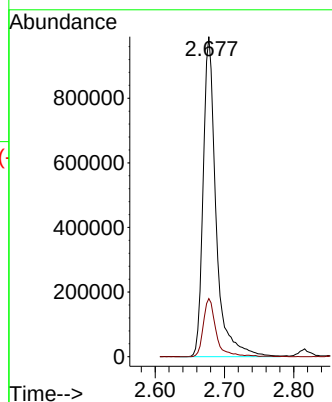
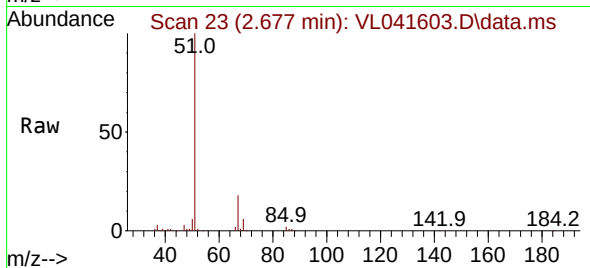
#3
Chlorodifluoromethane
Concen: 9.134 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01

Tgt Ion: 51 Resp: 128111
Ion Ratio Lower Upper
51 100
67 18.1 14.1 21.1

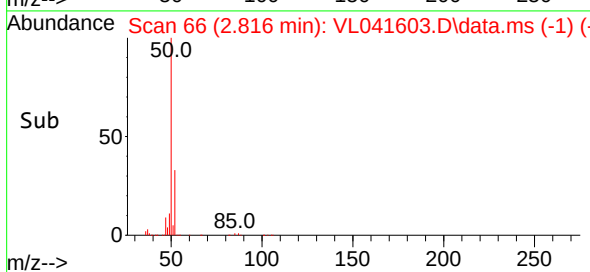
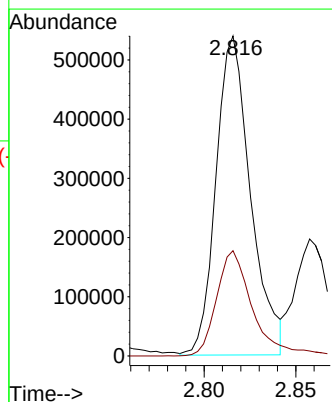
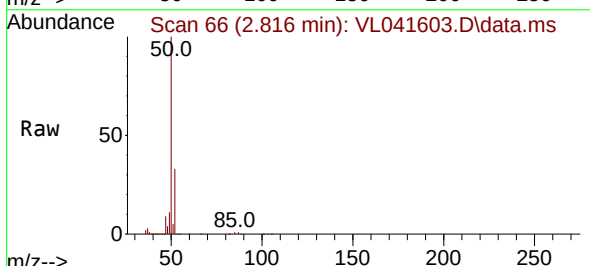
Manual Integrations
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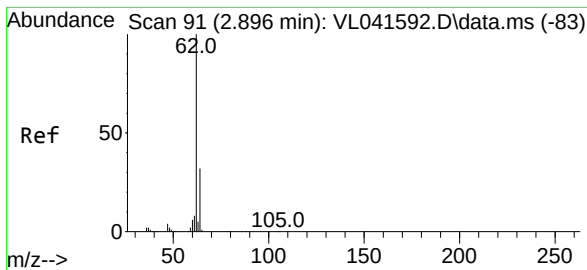
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#4
Chloromethane
Concen: 9.165 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

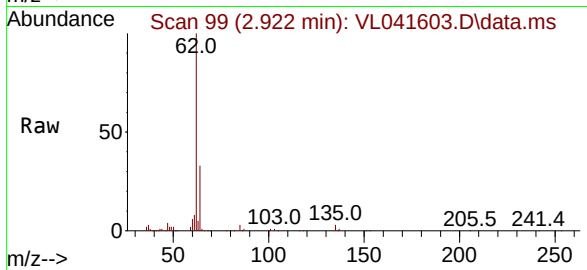
Tgt Ion: 50 Resp: 707023
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2





#5
Vinyl Chloride
Concen: 10.278 ppbv
RT: 2.922 min Scan# 91
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

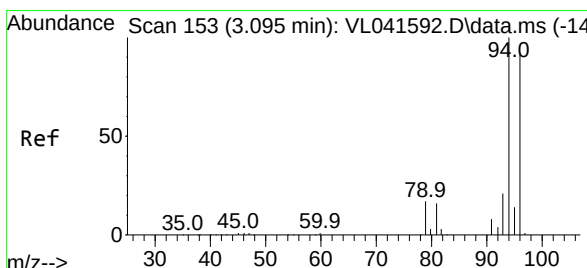
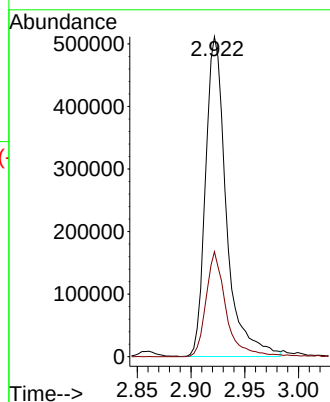
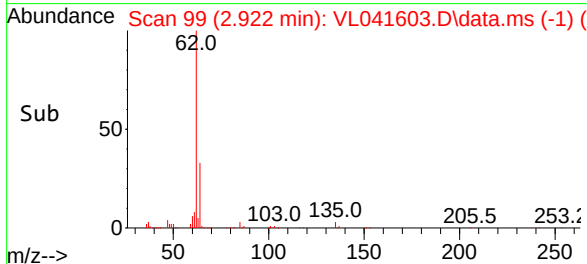
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



Tgt Ion: 62 Resp: 686540
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0

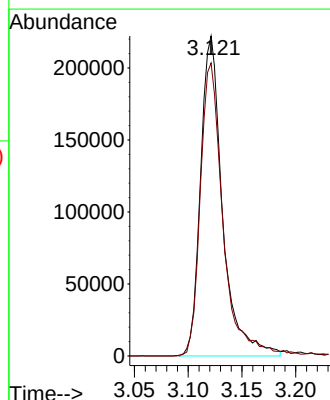
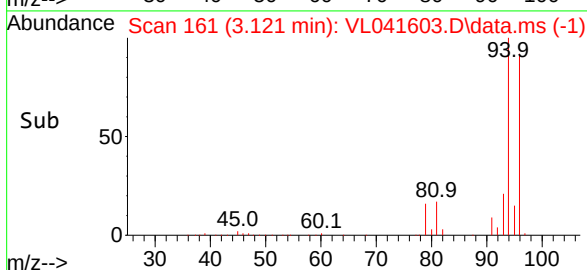
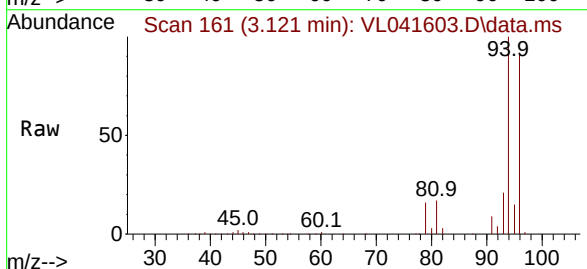
Manual Integrations
APPROVED

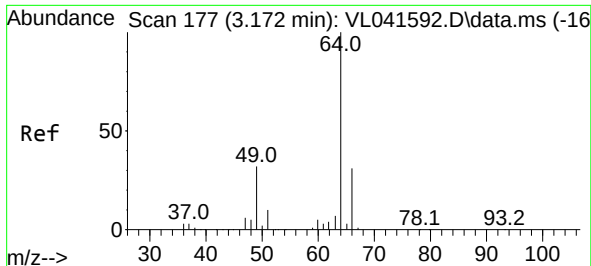
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#6
Bromomethane
Concen: 9.517 ppbv
RT: 3.121 min Scan# 161
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 94 Resp: 316275
Ion Ratio Lower Upper
94 100
96 91.2 73.4 110.2





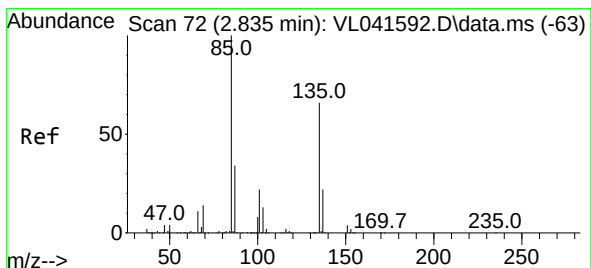
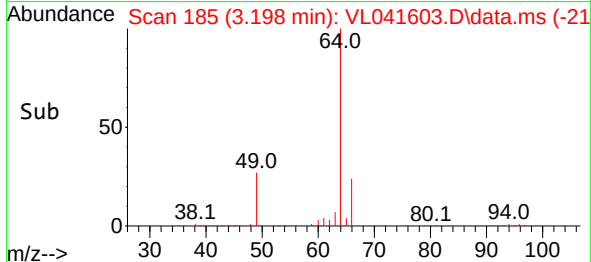
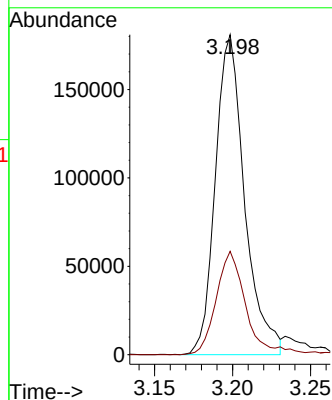
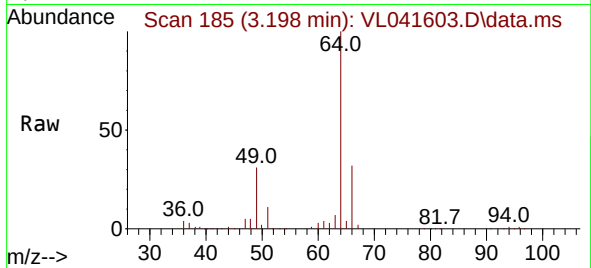
#7
Chloroethane
Concen: 9.085 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01

Tgt Ion: 64 Resp: 236020
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7

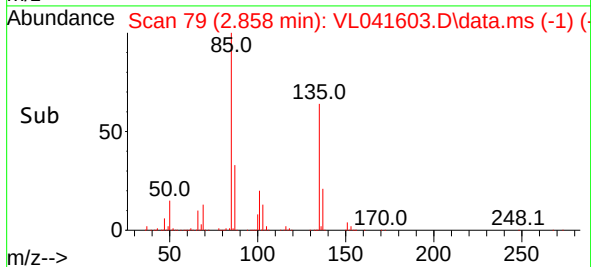
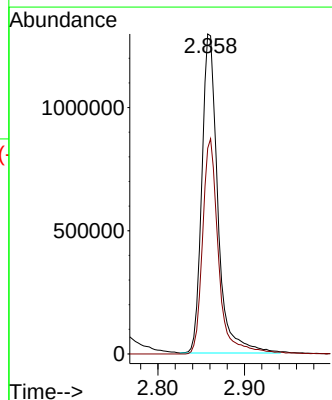
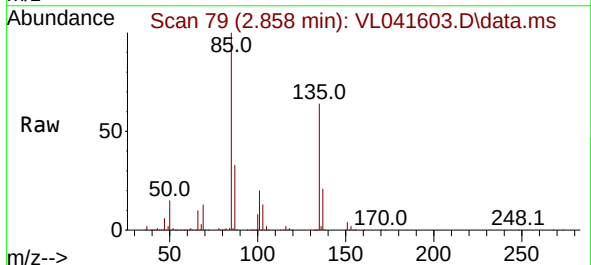
Manual Integrations
APPROVED

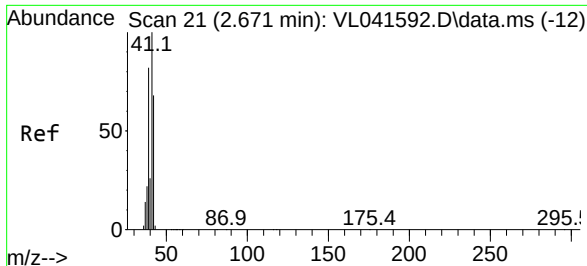
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#8
Dichlorotetrafluoroethane
Concen: 9.473 ppbv
RT: 2.858 min Scan# 79
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

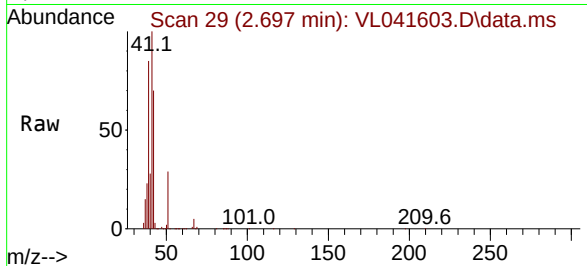
Tgt Ion: 85 Resp: 1659459
Ion Ratio Lower Upper
85 100
135 67.8 53.9 80.9





#9
Propene
Concen: 9.943 ppbv
RT: 2.697 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

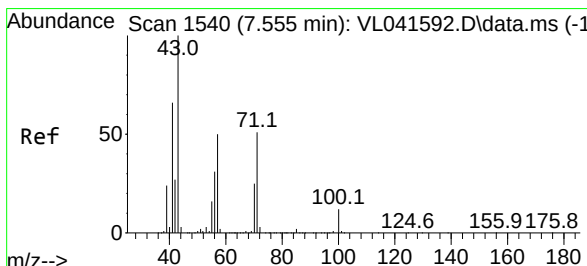
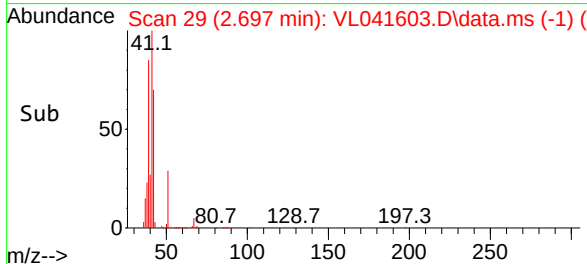
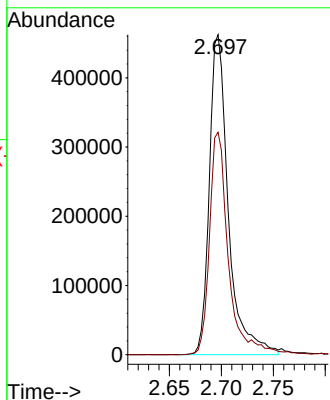
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



Tgt Ion: 41 Resp: 588244
Ion Ratio Lower Upper
41 100
42 69.8 55.2 82.8

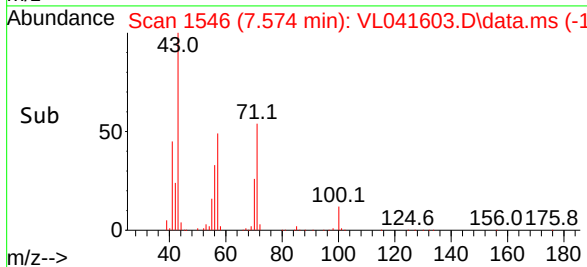
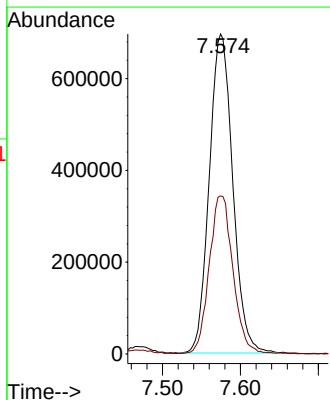
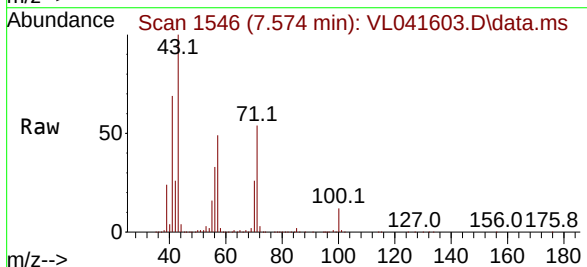
Manual Integrations
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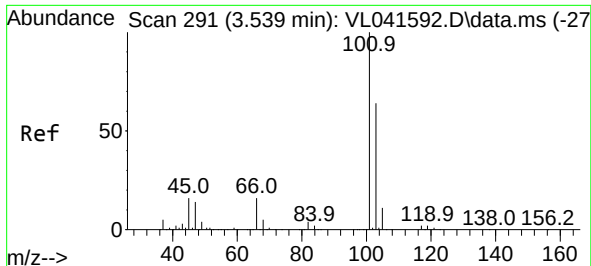
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#10
Heptane
Concen: 10.522 ppbv
RT: 7.574 min Scan# 1546
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

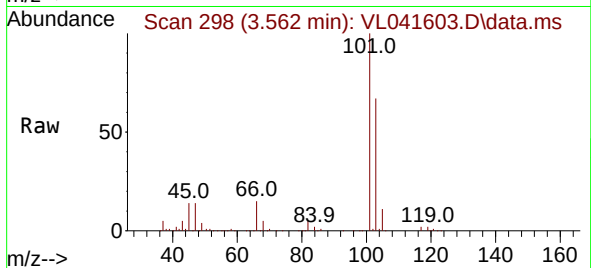
Tgt Ion: 43 Resp: 1457487
Ion Ratio Lower Upper
43 100
57 50.2 39.8 59.8





#11
Trichlorofluoromethane
Concen: 9.088 ppbv
RT: 3.562 min Scan# 291
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

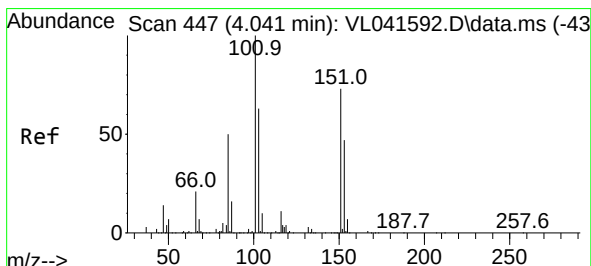
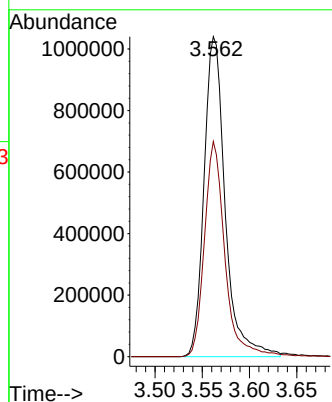
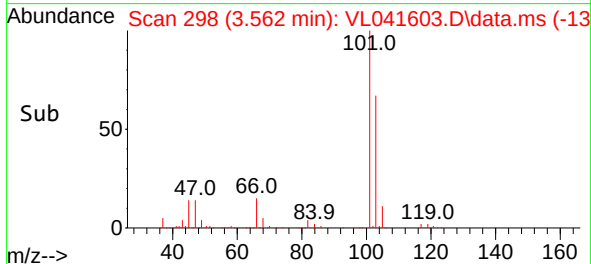
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



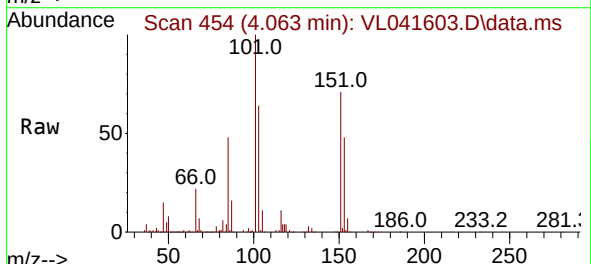
Tgt Ion:101 Resp: 161501
Ion Ratio Lower Upper
101 100
103 67.3 51.2 76.8

Manual Integrations
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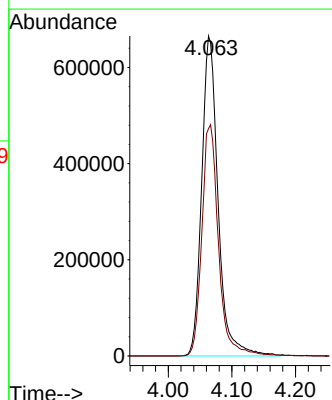
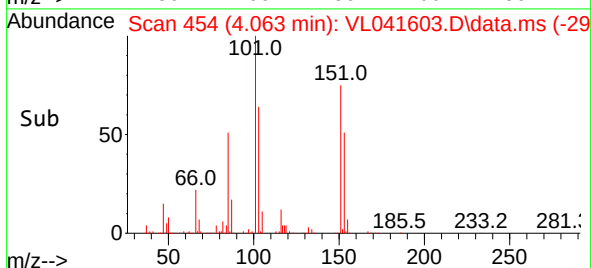
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

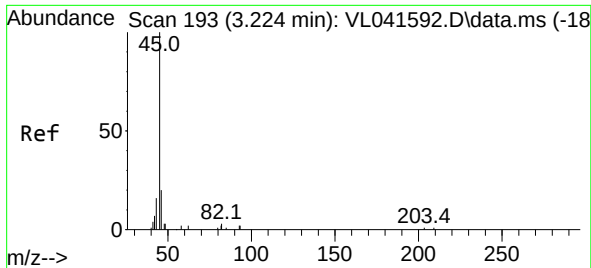


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.248 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



Tgt Ion:101 Resp: 1190198
Ion Ratio Lower Upper
101 100
151 73.5 59.4 89.2





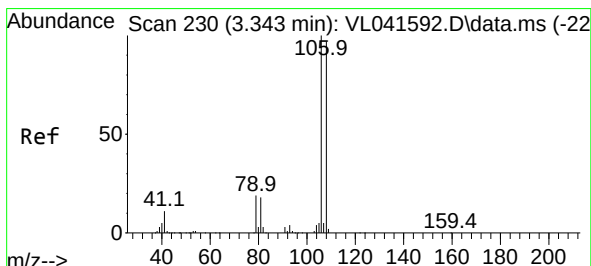
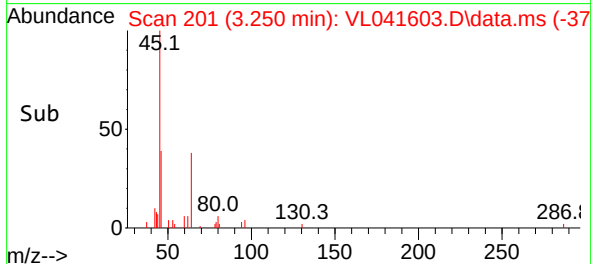
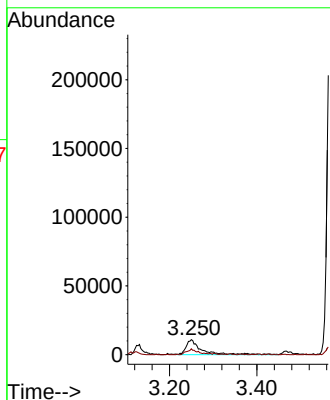
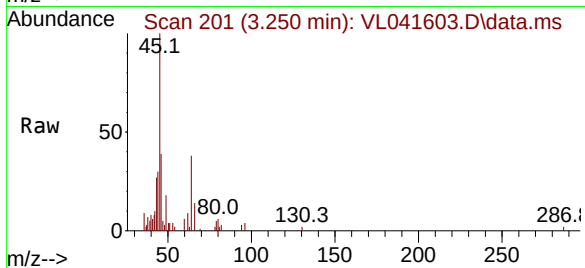
#13
Ethanol
Concen: 6.039 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01

Tgt Ion: 45 Resp: 26862
Ion Ratio Lower Upper
45 100
46 33.3 15.2 60.8

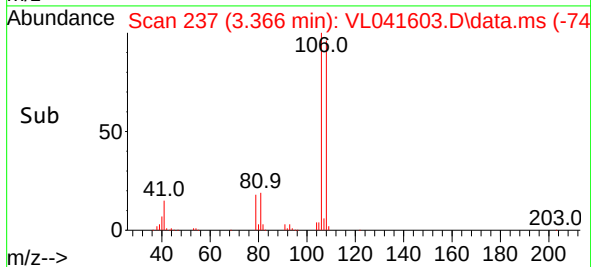
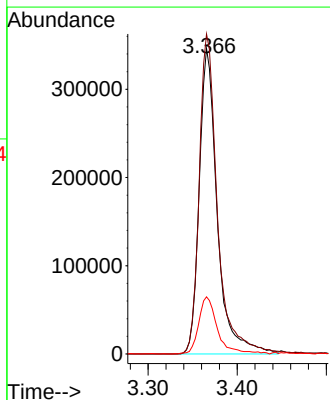
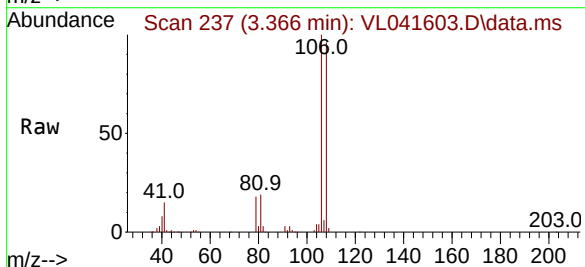
Manual Integrations
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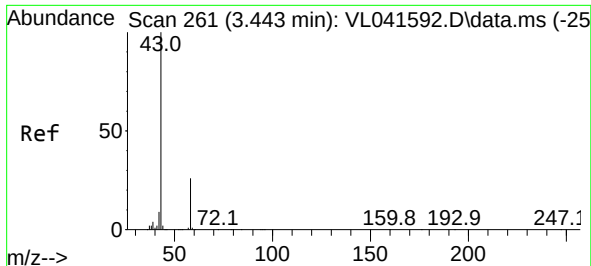
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#14
Bromoethene
Concen: 9.997 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion:108 Resp: 487861
Ion Ratio Lower Upper
108 100
106 106.3 86.5 129.7
79 19.6 16.2 24.4





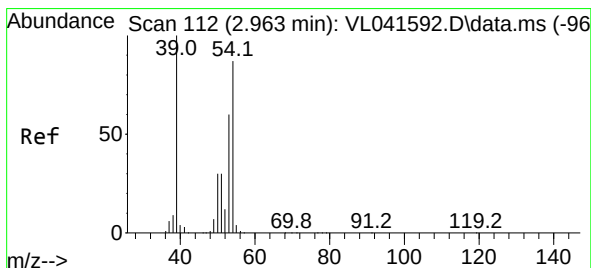
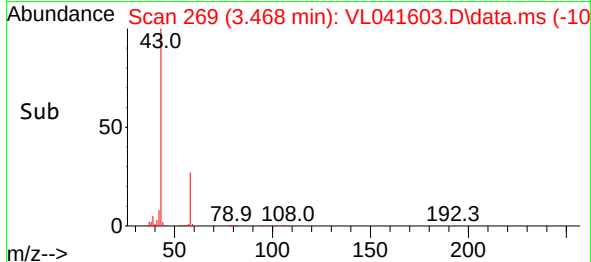
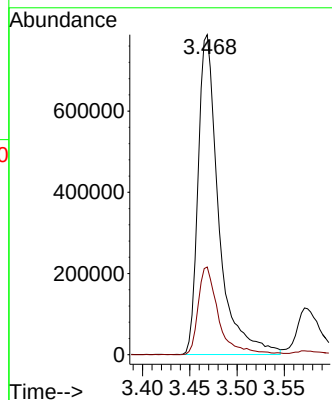
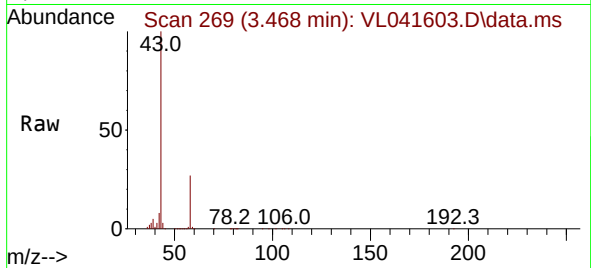
#15
Acetone
Concen: 8.217 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01

Tgt Ion: 43 Resp: 1192968
Ion Ratio Lower Upper
43 100
58 27.4 21.5 32.3

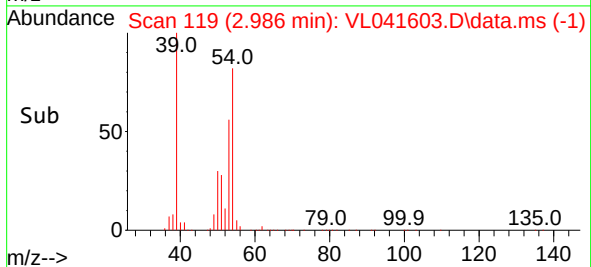
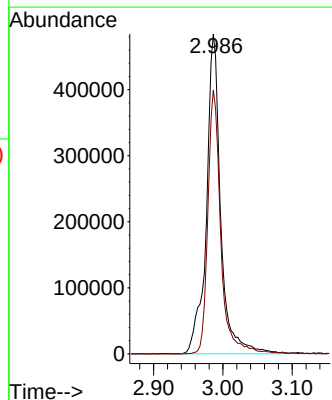
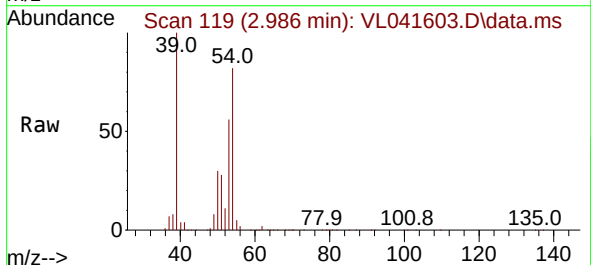
Manual Integrations
APPROVED

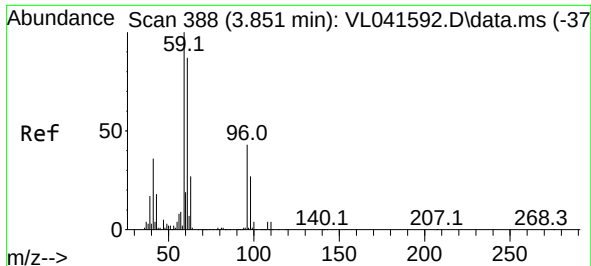
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#16
1,3-Butadiene
Concen: 9.819 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 39 Resp: 693352
Ion Ratio Lower Upper
39 100
54 75.0 62.9 94.3





#17

tert-Butyl alcohol

Concen: 9.589 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.026 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01

Tgt Ion: 59 Resp: 1224250

Ion Ratio Lower Upper

59 100

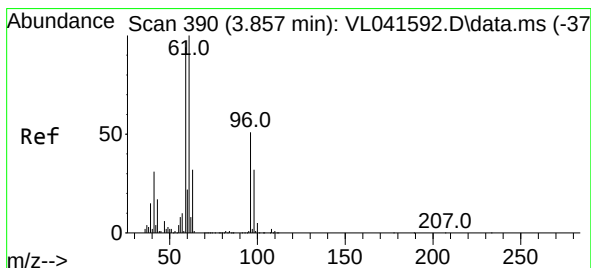
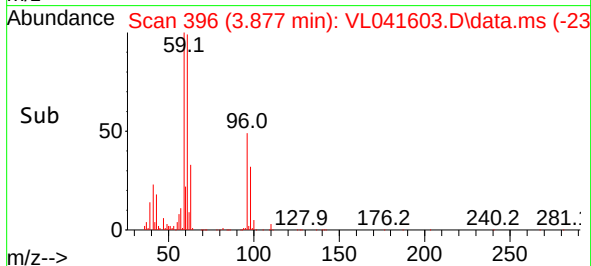
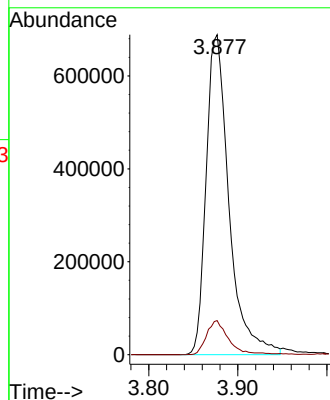
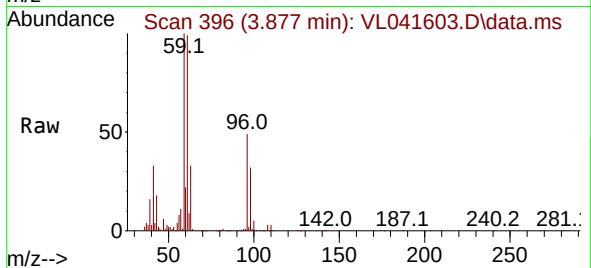
57 10.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#18

1,1-Dichloroethene

Concen: 9.825 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

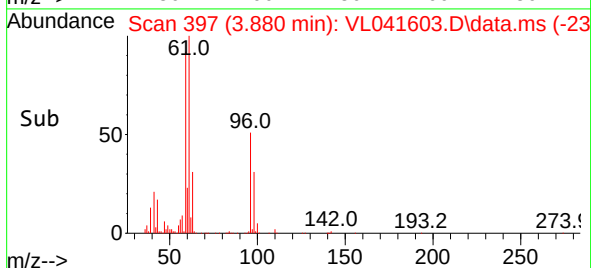
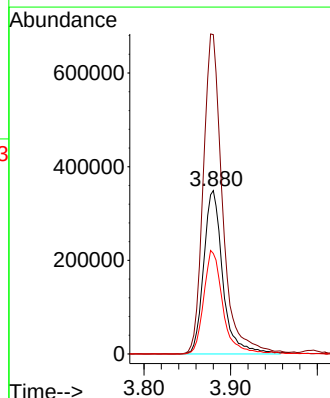
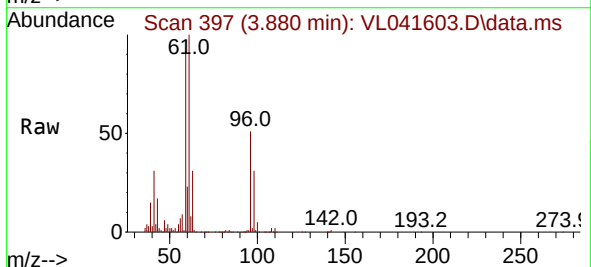
Tgt Ion: 96 Resp: 535313

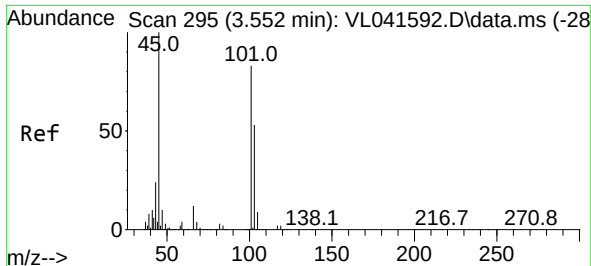
Ion Ratio Lower Upper

96 100

61 195.5 155.6 233.4

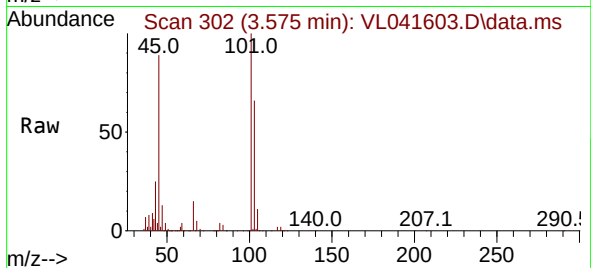
98 61.5 50.6 75.8





#19
Isopropyl Alcohol
Concen: 8.827 ppbv
RT: 3.575 min Scan# 302
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

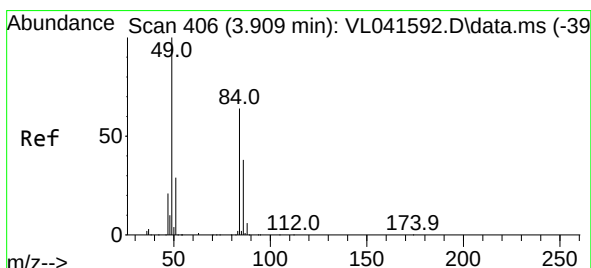
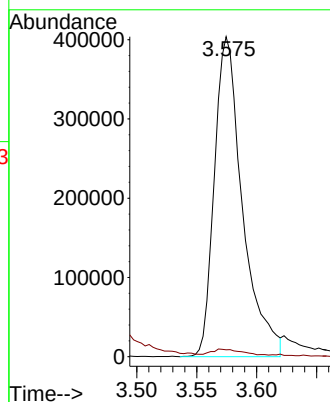
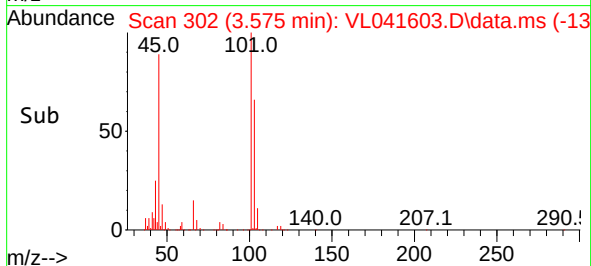
Instrument : MSVOA_L
ClientSampleId : VL0918ABS01



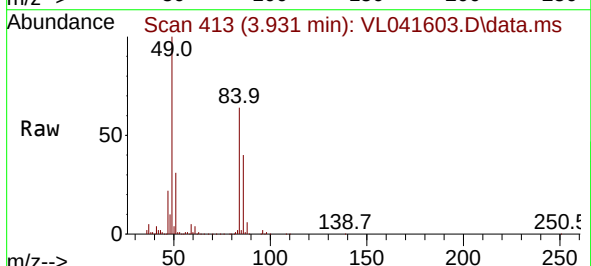
Tgt Ion: 45 Resp: 656028
Ion Ratio Lower Upper
45 100
58 3.4 2.1 3.1

Manual Integrations
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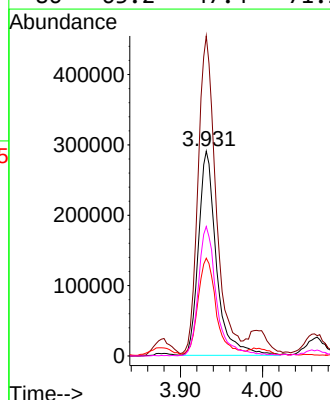
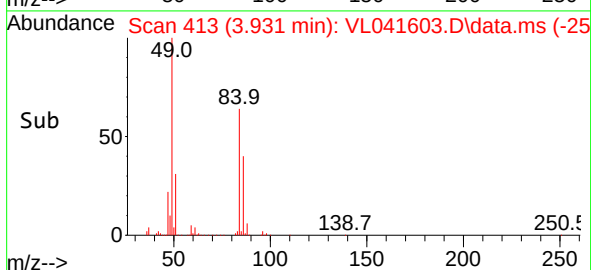
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

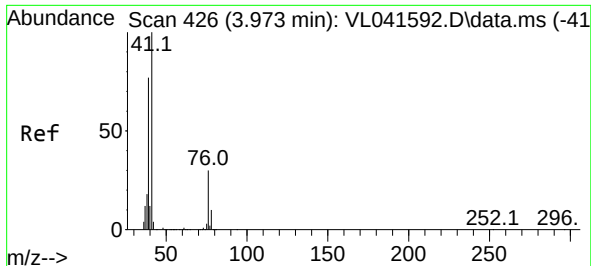


#20
Methylene Chloride
Concen: 8.095 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



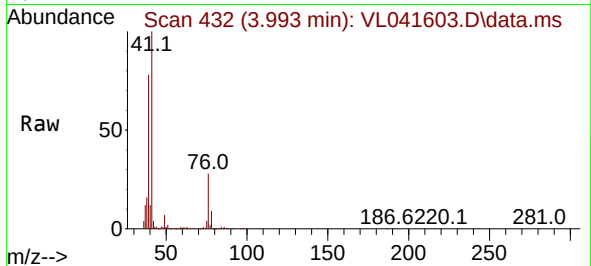
Tgt Ion: 84 Resp: 441509
Ion Ratio Lower Upper
84 100
49 155.5 124.3 186.5
51 47.1 36.3 54.5
86 63.2 47.4 71.2





#21
 Allyl Chloride
 Concen: 9.665 ppbv
 RT: 3.993 min Scan# 41
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

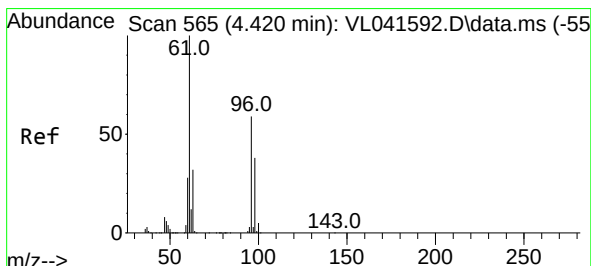
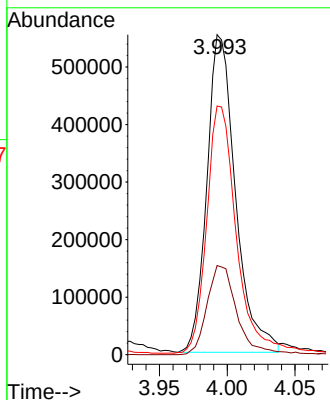
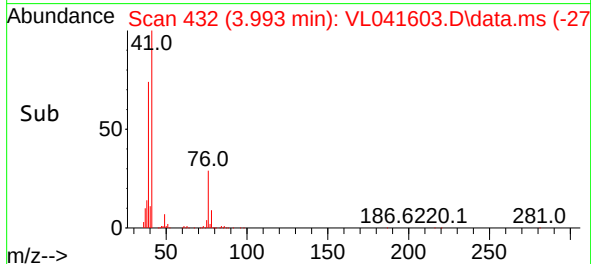
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0918ABS01



Tgt Ion: 41 Resp: 813252
 Ion Ratio Lower Upper
 41 100
 76 29.4 23.8 35.6
 39 81.8 63.9 95.9

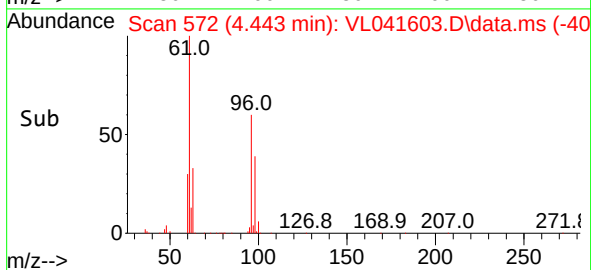
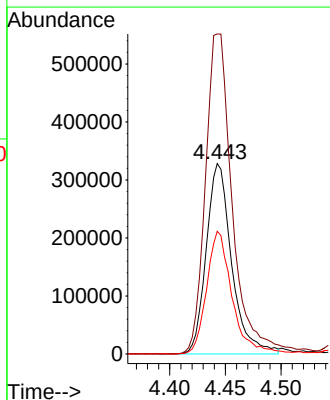
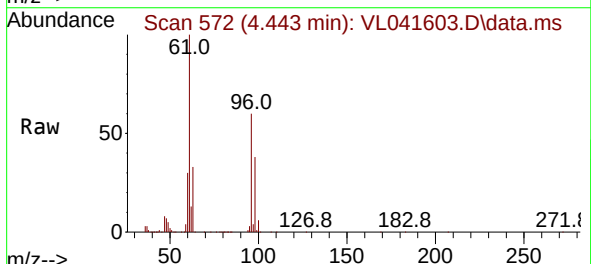
Manual Integrations
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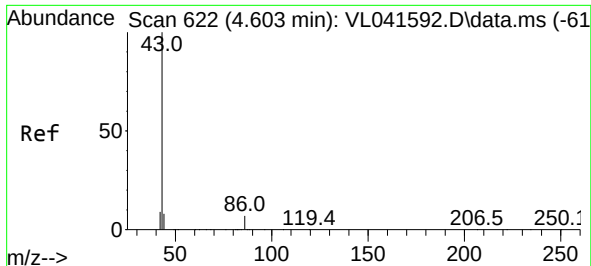
Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024



#22
 trans-1,2-Dichloroethene
 Concen: 9.611 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.023 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

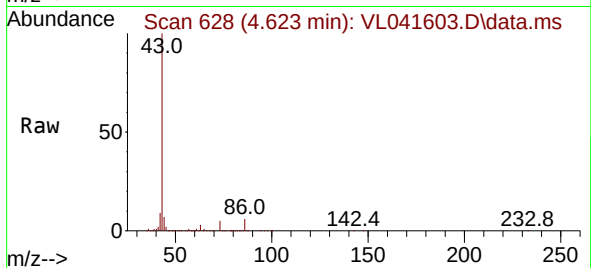
Tgt Ion: 96 Resp: 522406
 Ion Ratio Lower Upper
 96 100
 61 167.9 135.7 203.5
 98 64.4 50.9 76.3





#23
 Vinyl Acetate
 Concen: 10.459 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

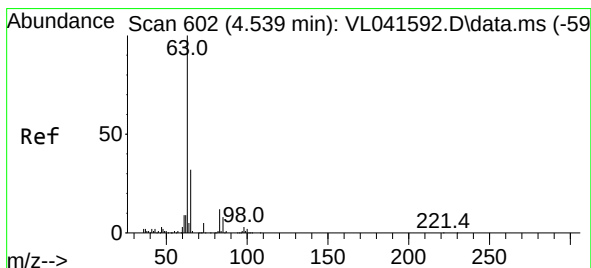
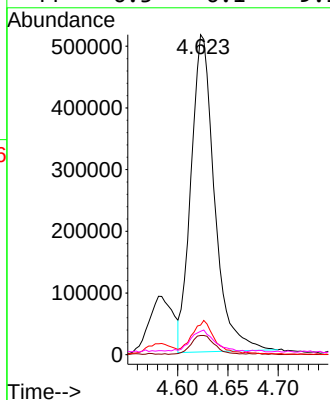
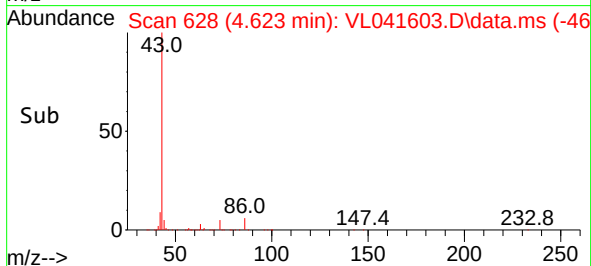
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0918ABS01



Tgt Ion: 43 Resp: 83517
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.9 7.3
 42 9.1 8.0 12.0
 44 6.3 6.1 9.1

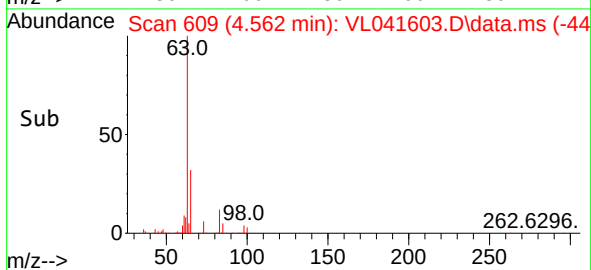
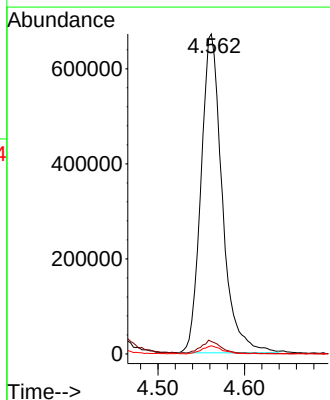
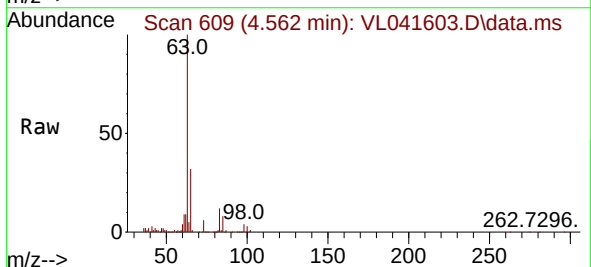
Manual Integrations
 APPROVED

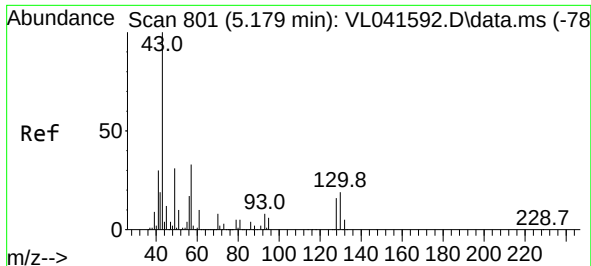
Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024



#24
 1,1-Dichloroethane
 Concen: 9.534 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.023 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Tgt Ion: 63 Resp: 1142671
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.7 5.1
 100 2.5 1.1 3.3





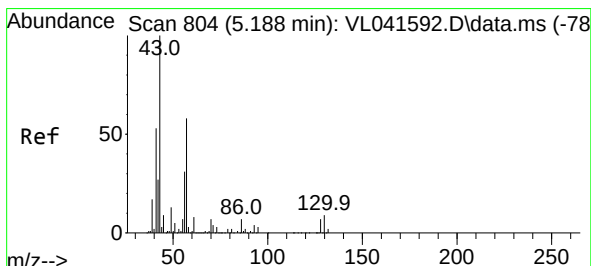
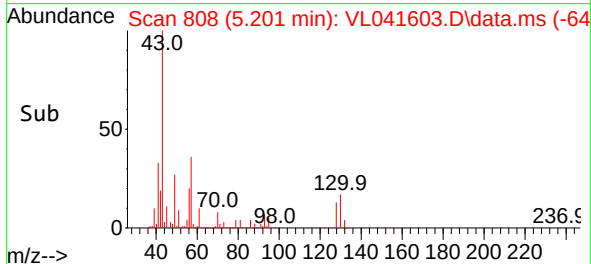
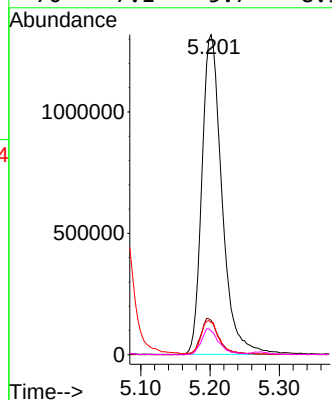
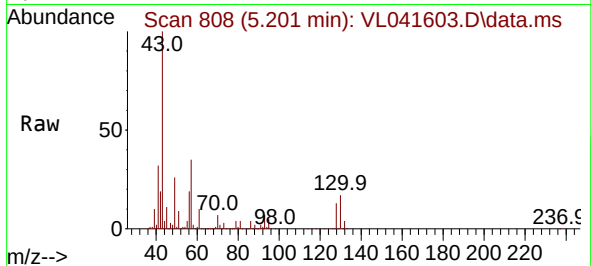
#25
Ethyl Acetate
Concen: 10.158 ppbv
RT: 5.201 min Scan# 801
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01

Tgt Ion: 43 Resp: 2647300
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 10.4 8.0 12.0
70 7.1 5.7 8.5

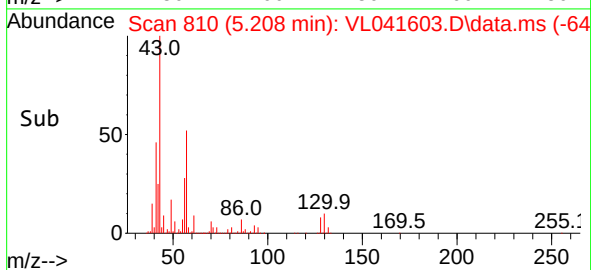
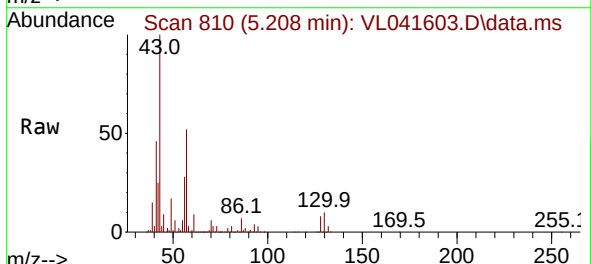
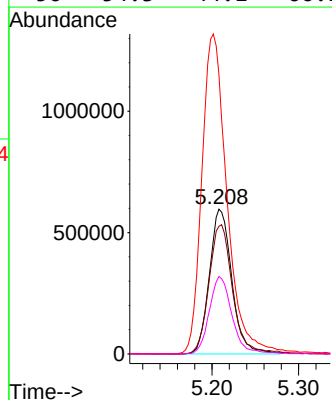
Manual Integrations
APPROVED

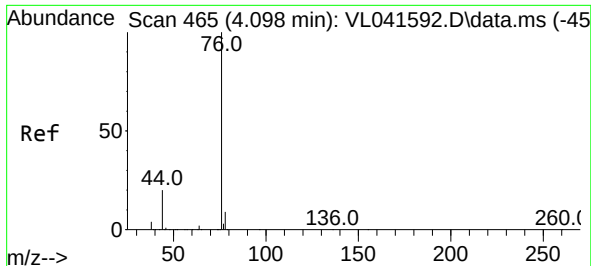
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#26
Hexane
Concen: 9.884 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

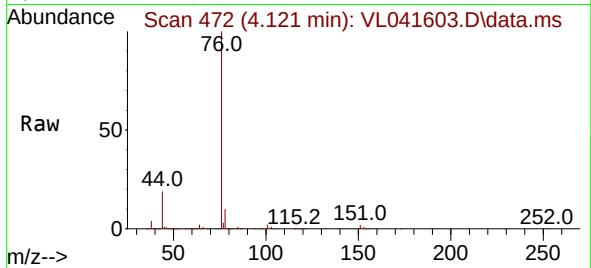
Tgt Ion: 57 Resp: 1074230
Ion Ratio Lower Upper
57 100
41 94.5 75.7 113.5
43 248.1 198.5 297.7
56 54.3 44.1 66.1





#27
Carbon Disulfide
Concen: 10.995 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

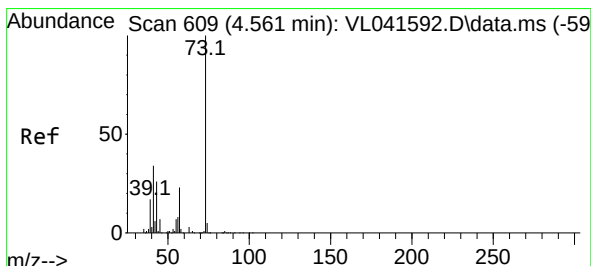
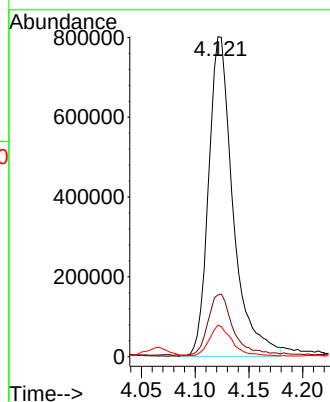
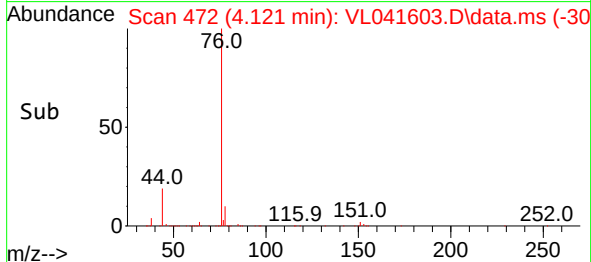
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



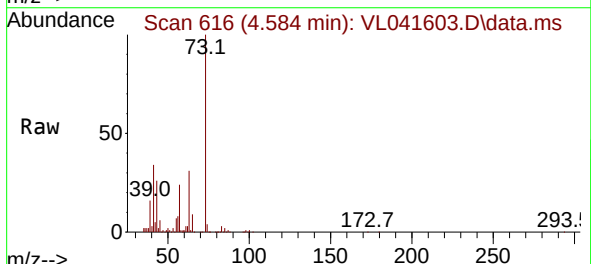
Tgt Ion: 76 Resp: 127027
Ion Ratio Lower Upper
76 100
44 19.9 15.8 23.8
78 9.7 7.5 11.3

Manual Integrations
APPROVED

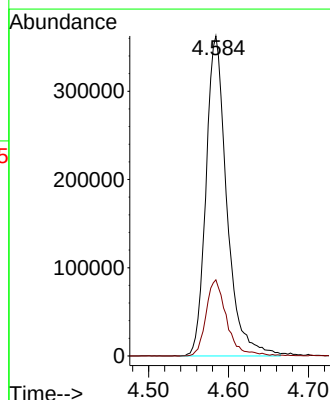
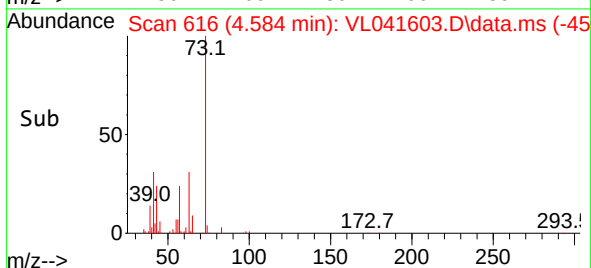
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

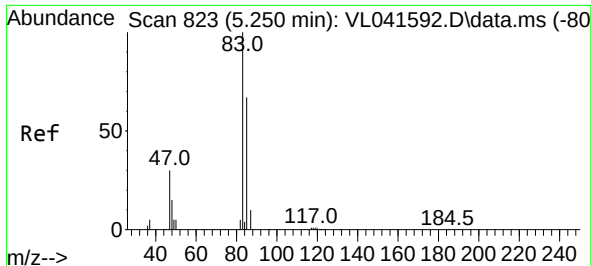


#28
Methyl tert-Butyl Ether
Concen: 9.816 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.023 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



Tgt Ion: 73 Resp: 657790
Ion Ratio Lower Upper
73 100
57 23.8 19.3 28.9





#29

Chloroform

Concen: 9.477 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01

Tgt Ion: 83 Resp: 1685499

Ion Ratio Lower Upper

83 100

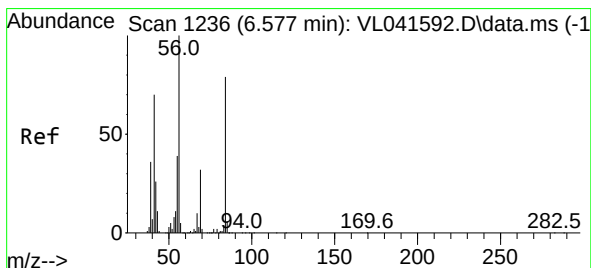
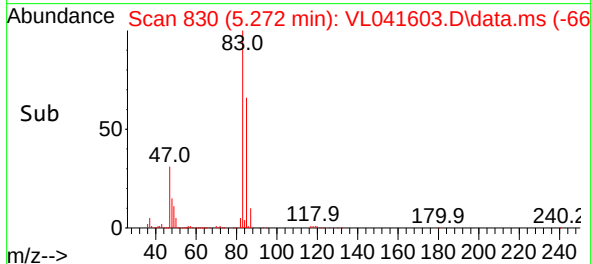
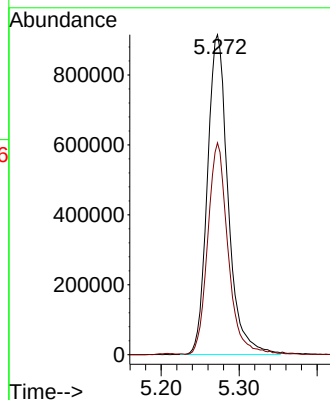
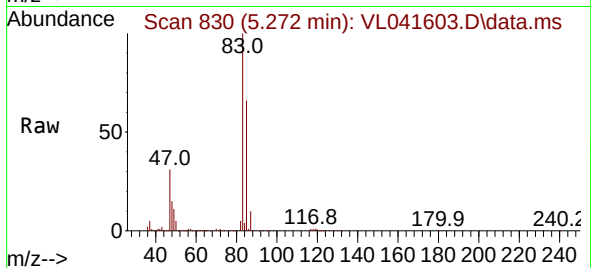
85 65.9 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#30

Cyclohexane

Concen: 10.858 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

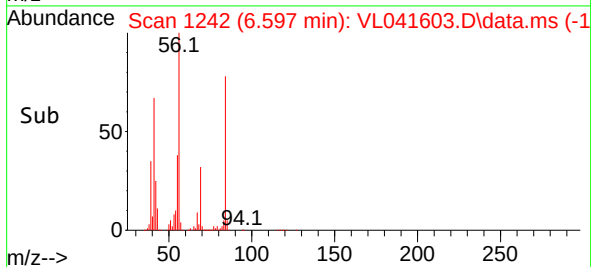
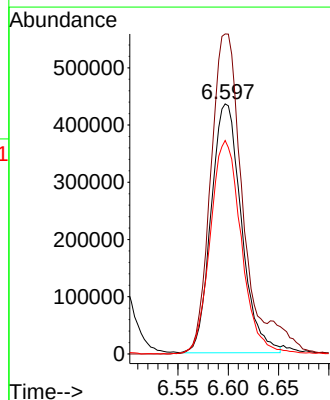
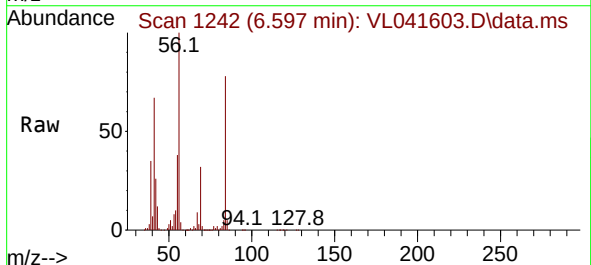
Tgt Ion: 84 Resp: 909681

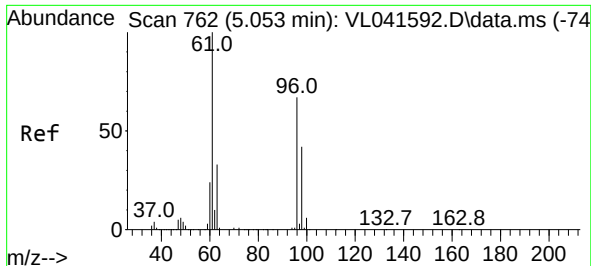
Ion Ratio Lower Upper

84 100

56 139.7 111.5 167.3

41 88.0 70.9 106.3





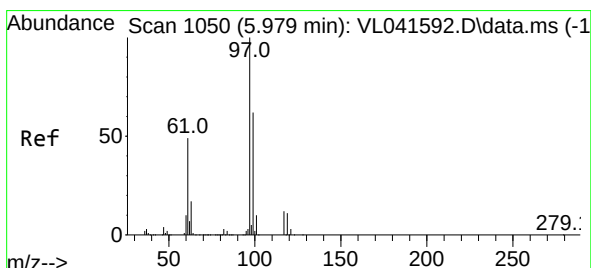
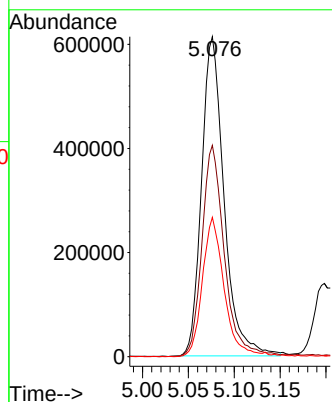
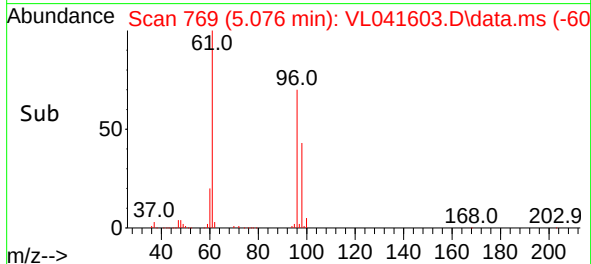
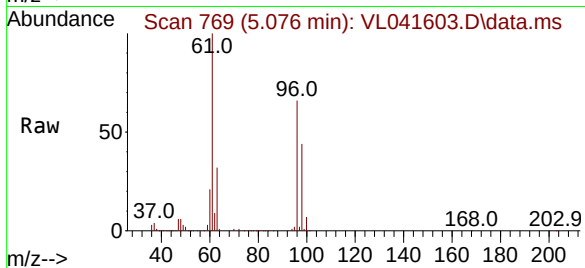
#31
 cis-1,2-Dichloroethene
 Concen: 10.129 ppbv
 RT: 5.076 min Scan# 70
 Delta R.T. 0.023 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0918ABS01

Tgt Ion: 61 Resp: 104512
 Ion Ratio Lower Upper
 61 100
 96 66.0 53.5 80.3
 98 43.5 33.7 50.5

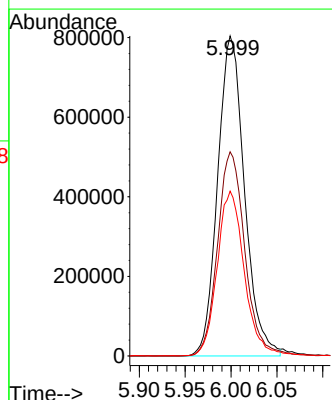
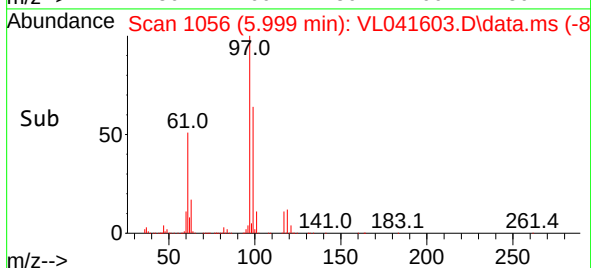
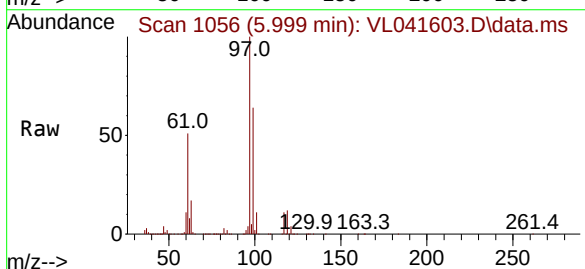
Manual Integrations
 APPROVED

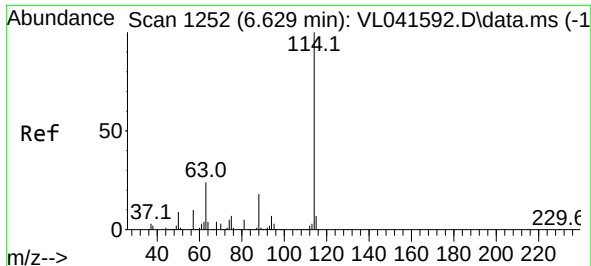
Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024



#32
 1,1,1-Trichloroethane
 Concen: 10.336 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Tgt Ion: 97 Resp: 1637346
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.0 76.4
 61 52.5 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01

Tgt Ion:114 Resp: 3163270

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

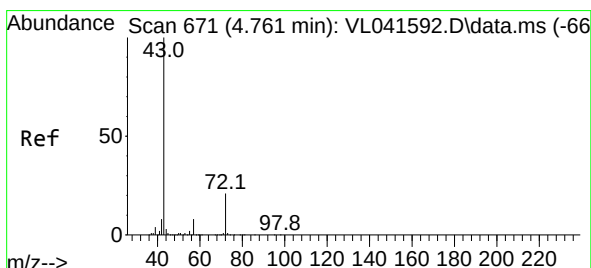
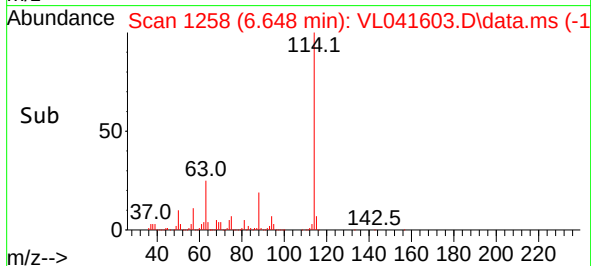
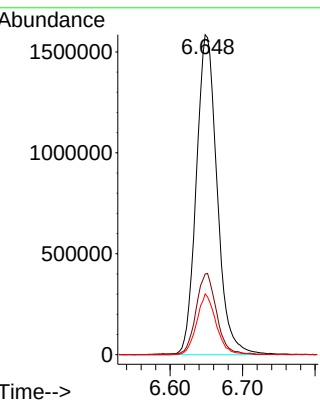
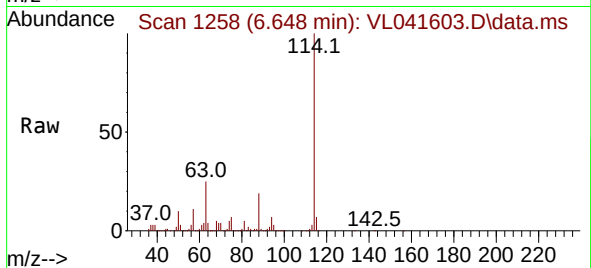
88 17.7 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#34

2-Butanone

Concen: 9.965 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.023 min

Lab File: VL041603.D

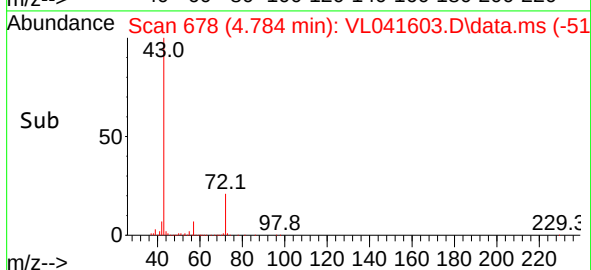
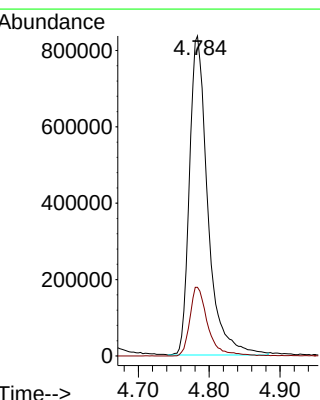
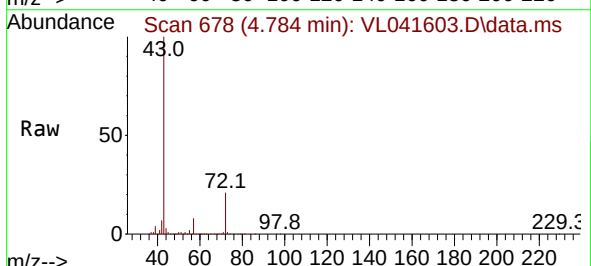
Acq: 18 Sep 2024 10:16

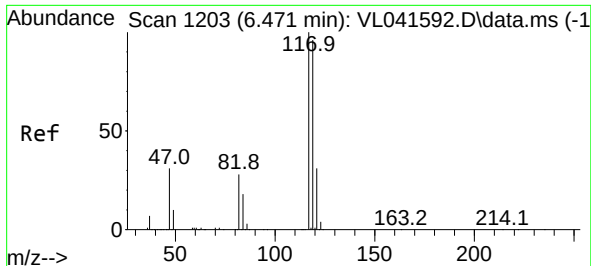
Tgt Ion: 43 Resp: 1503091

Ion Ratio Lower Upper

43 100

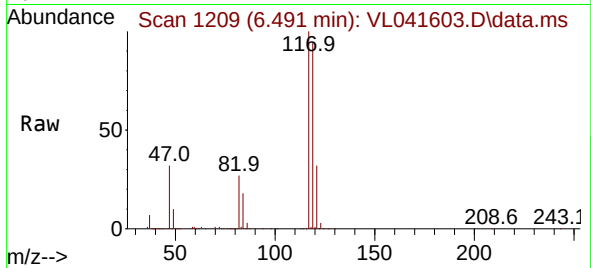
72 21.4 16.8 25.2





#35
Carbon Tetrachloride
Concen: 11.163 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

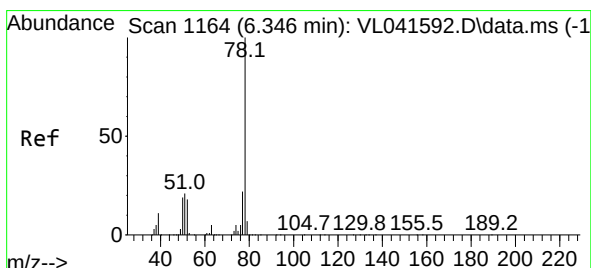
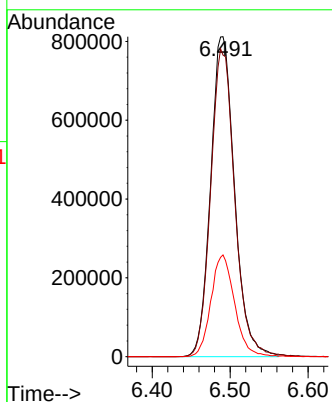
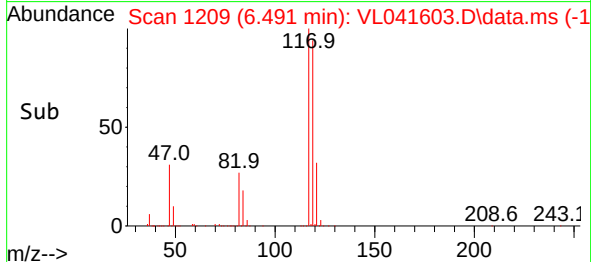
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



Tgt Ion:117 Resp: 1732518
Ion Ratio Lower Upper
117 100
119 94.2 76.8 115.2
121 31.8 25.0 37.6

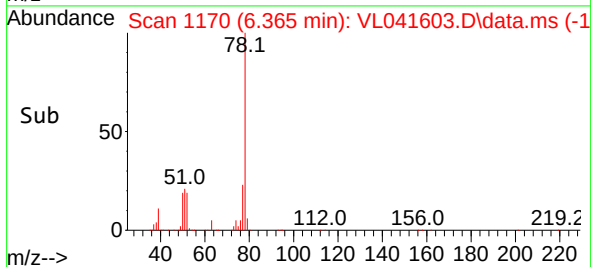
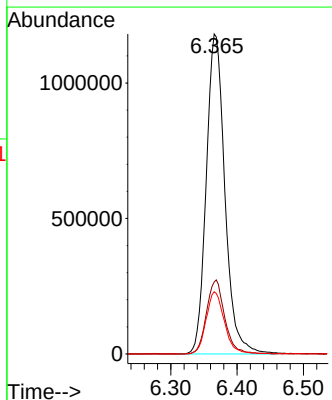
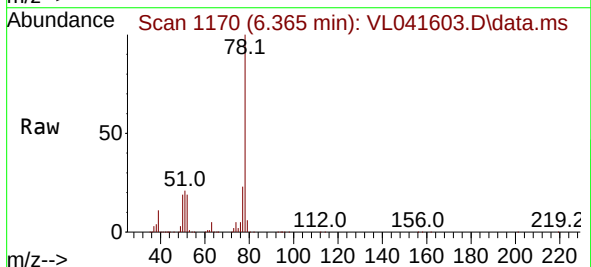
Manual Integrations
APPROVED

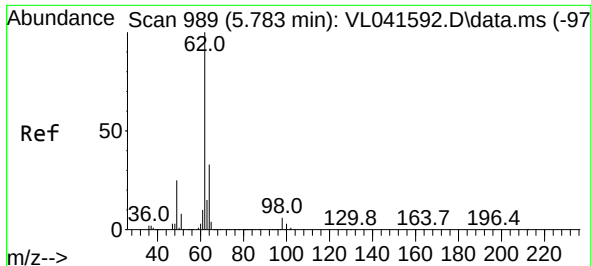
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#36
Benzene
Concen: 10.504 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 78 Resp: 2307599
Ion Ratio Lower Upper
78 100
77 22.5 17.8 26.6
50 19.5 15.4 23.0





#37

1,2-Dichloroethane

Concen: 10.122 ppbv

RT: 5.803 min Scan# 989

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01

Tgt Ion: 62 Resp: 129013

Ion Ratio Lower Upper

62 100

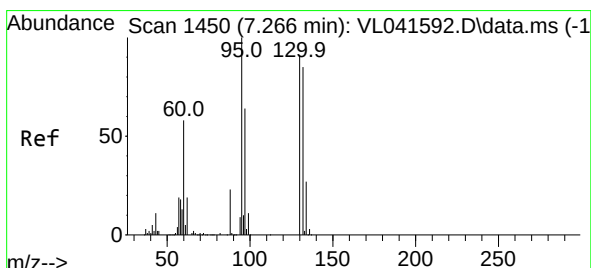
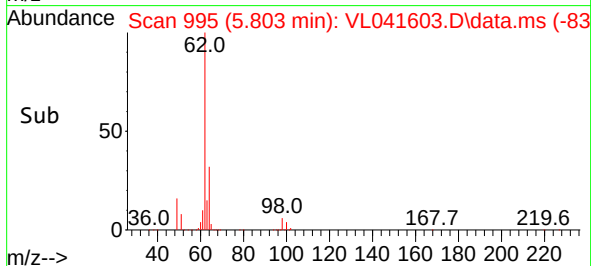
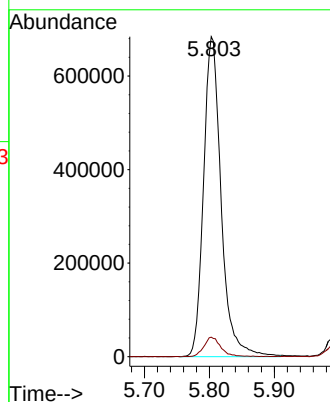
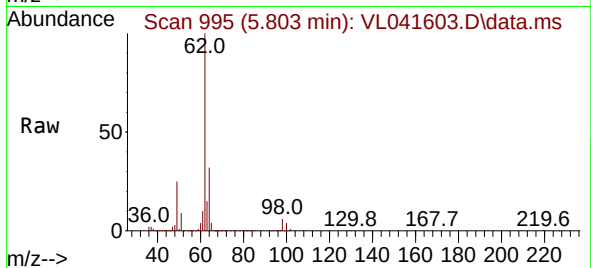
98 6.2 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#38

Trichloroethene

Concen: 10.871 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.023 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion:130 Resp: 1229916

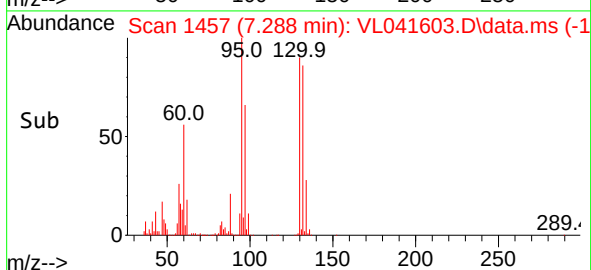
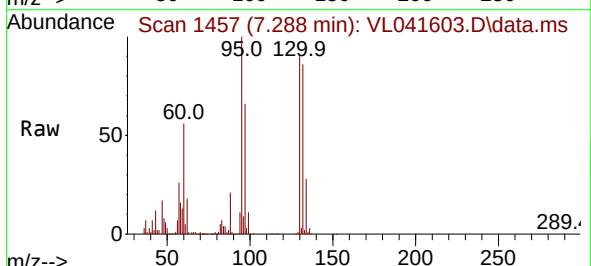
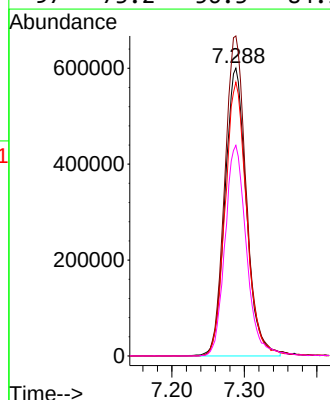
Ion Ratio Lower Upper

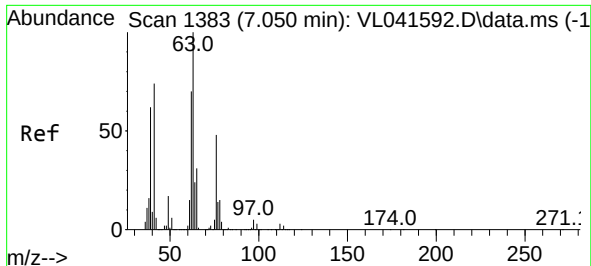
130 100

95 111.2 87.7 131.5

132 95.1 74.5 111.7

97 73.2 56.3 84.5





#39

1,2-Dichloropropane

Concen: 9.932 ppbv

RT: 7.070 min Scan# 1455

Delta R.T. 0.019 min

Lab File: VL041603.D

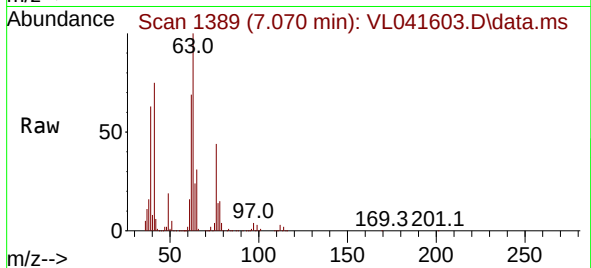
Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01



Tgt Ion: 63 Resp: 887630

Ion Ratio Lower Upper

63 100

41 74.9 59.5 89.3

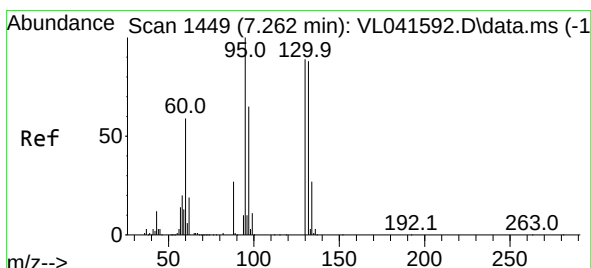
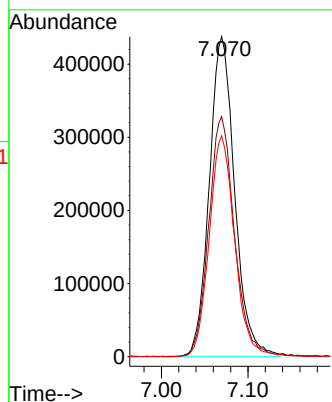
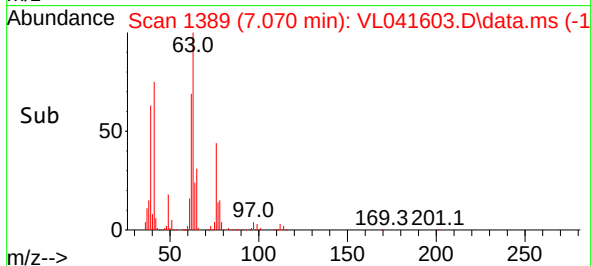
62 69.0 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#40

1,4-Dioxane

Concen: 10.808 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion: 88 Resp: 364111

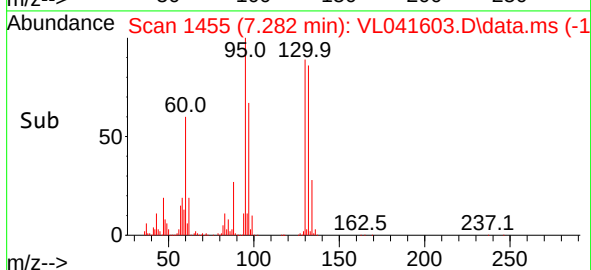
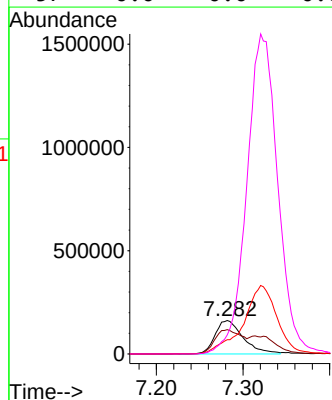
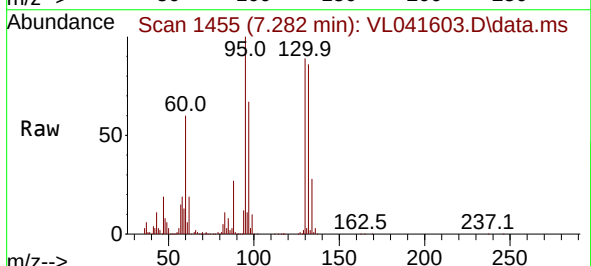
Ion Ratio Lower Upper

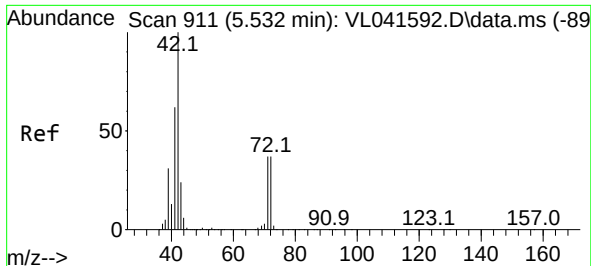
88 100

58 122.6 100.2 150.4

43 0.0 0.0 0.0

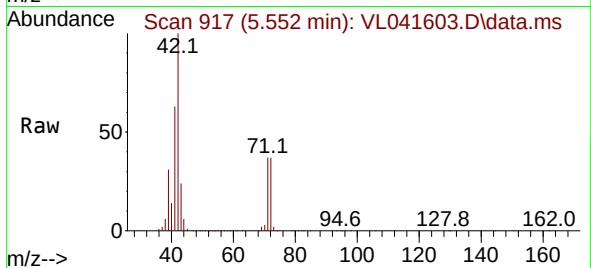
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 11.094 ppbv
RT: 5.552 min Scan# 911
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

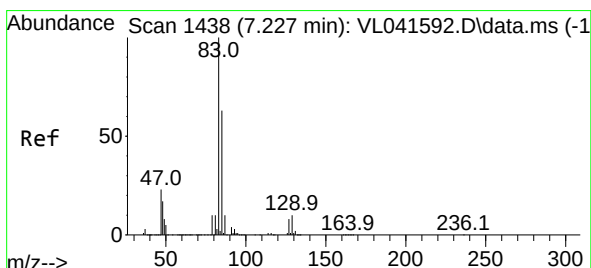
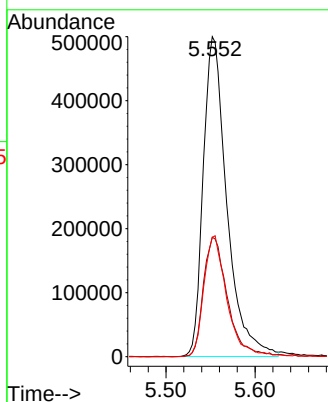
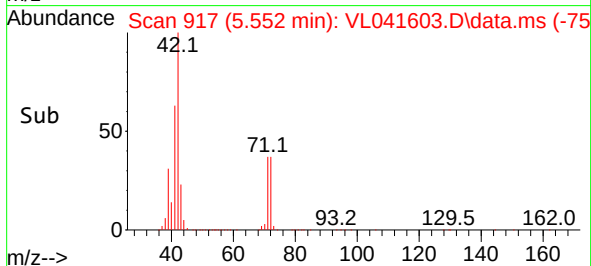
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



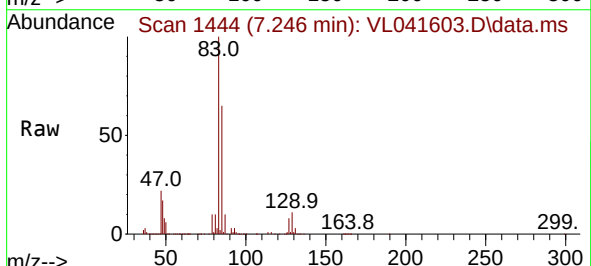
Tgt Ion: 42 Resp: 920914
Ion Ratio Lower Upper
42 100
72 38.6 30.2 45.2
71 37.3 29.6 44.4

Manual Integrations
APPROVED

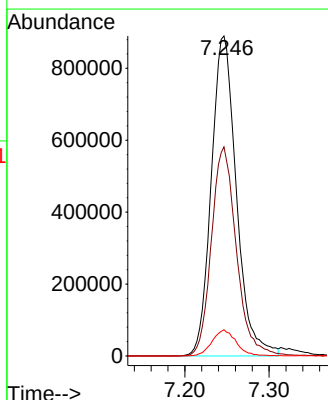
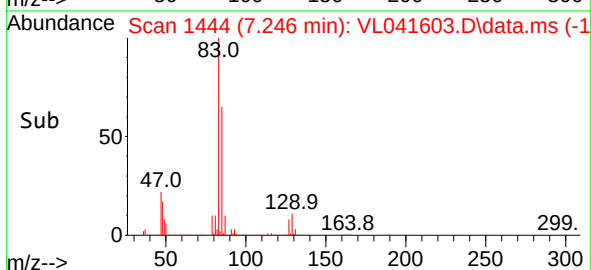
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

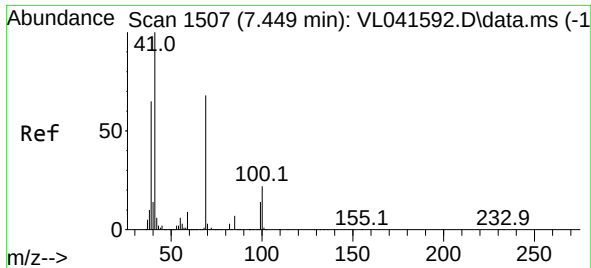


#42
Bromodichloromethane
Concen: 10.379 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



Tgt Ion: 83 Resp: 1840578
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 8.2 6.5 9.7





#43
Methyl Methacrylate
Concen: 11.522 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

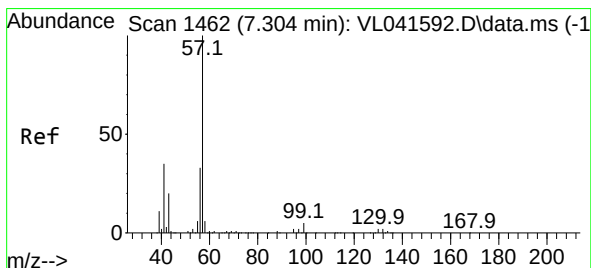
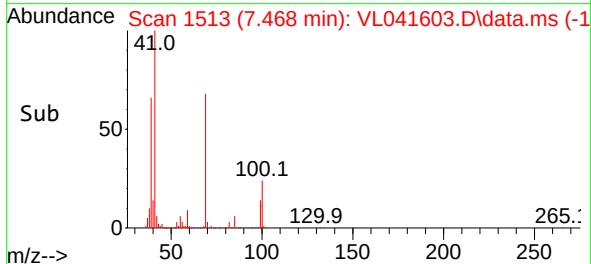
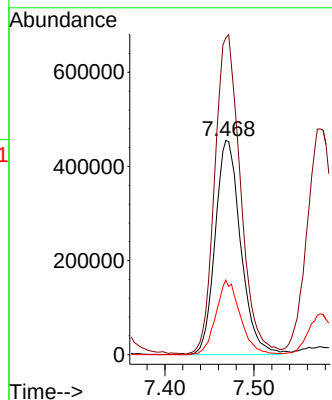
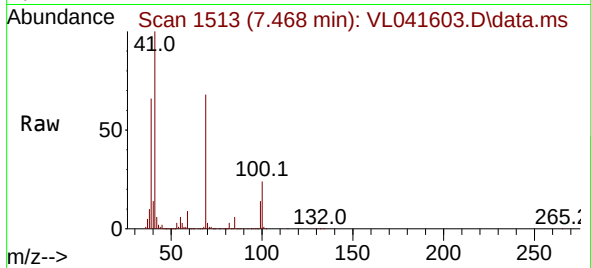
VL0918ABS01

Tgt Ion: 69 Resp: 90581
Ion Ratio Lower Upper
69 100
41 150.8 121.8 182.6
100 33.3 26.5 39.7

Manual Integrations

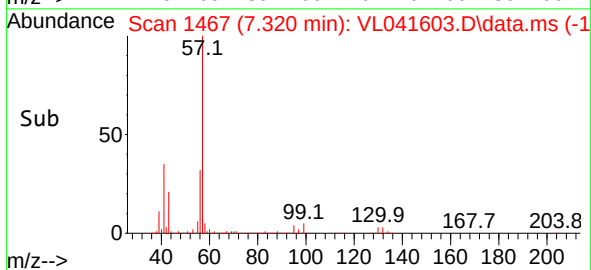
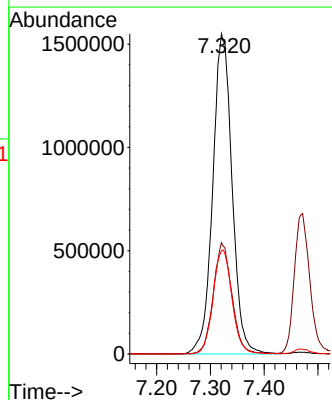
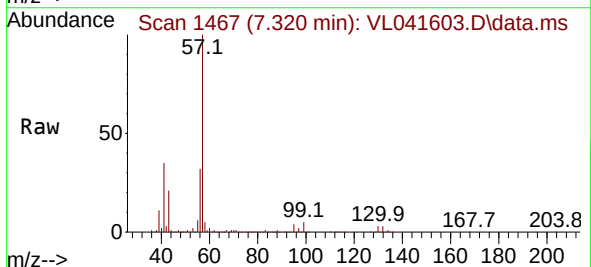
APPROVED

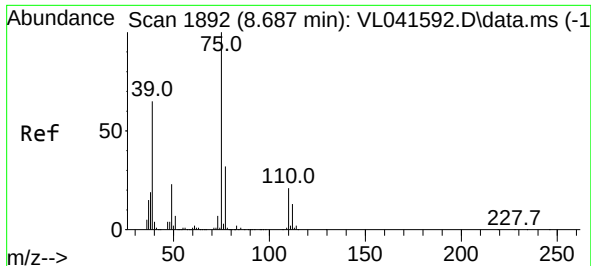
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#44
2,2,4-Trimethylpentane
Concen: 10.196 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 57 Resp: 3875181
Ion Ratio Lower Upper
57 100
41 33.5 27.0 40.6
56 31.8 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 12.771 ppbv

RT: 8.703 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01

Tgt Ion: 75 Resp: 809504

Ion Ratio Lower Upper

75 100

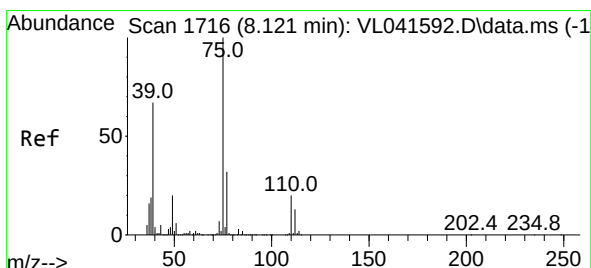
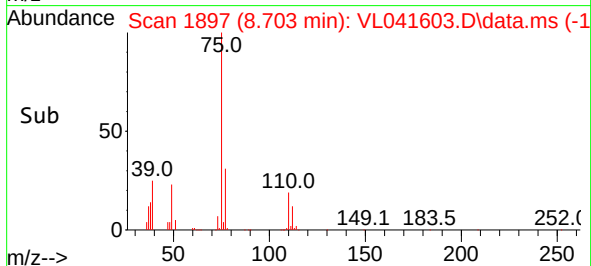
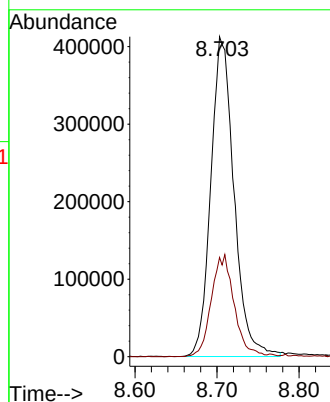
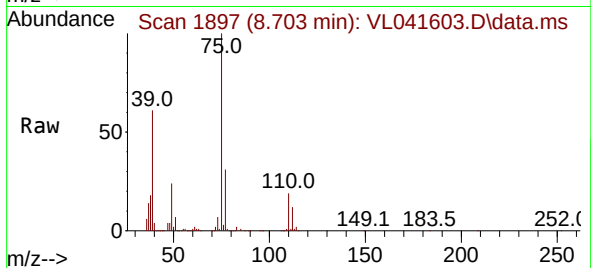
77 31.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#46

cis-1,3-Dichloropropene

Concen: 12.181 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

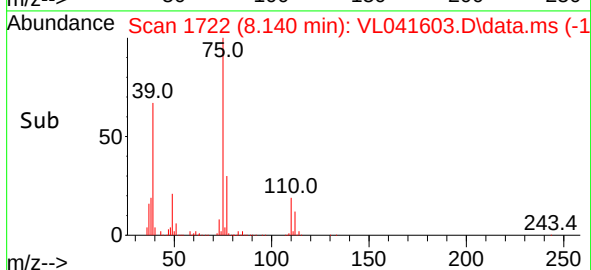
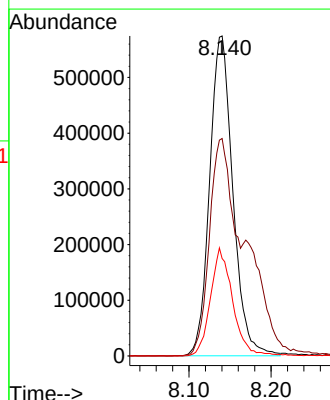
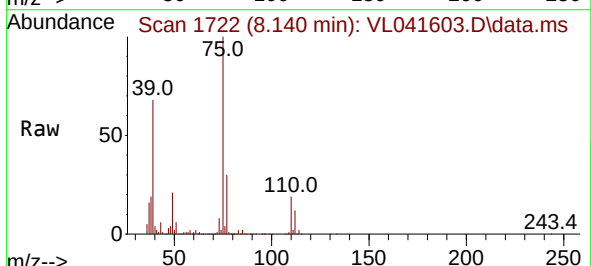
Tgt Ion: 75 Resp: 1131086

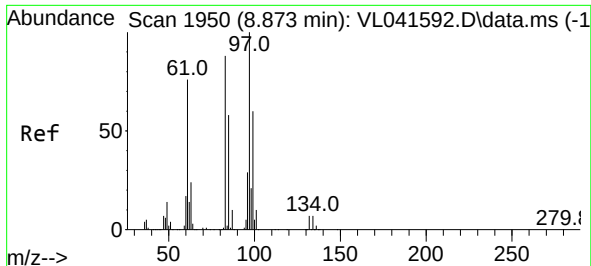
Ion Ratio Lower Upper

75 100

39 67.7 54.0 81.0

77 30.5 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.156 ppbv

RT: 8.893 min Scan# 1950

Delta R.T. 0.019 min

Lab File: VL041603.D

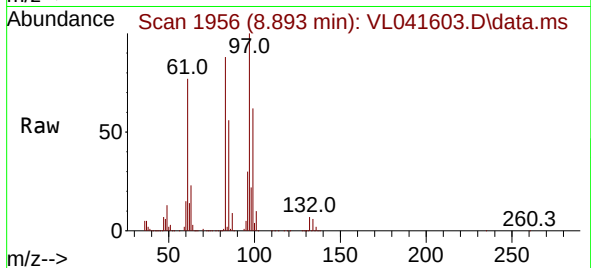
Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01



Tgt Ion: 97 Resp: 963708

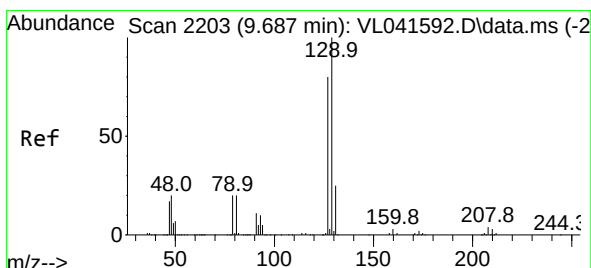
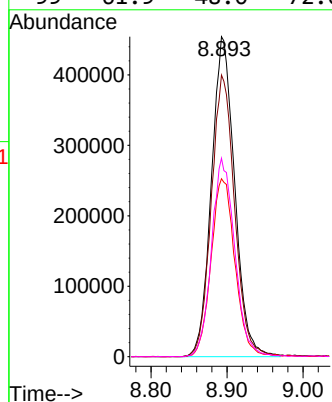
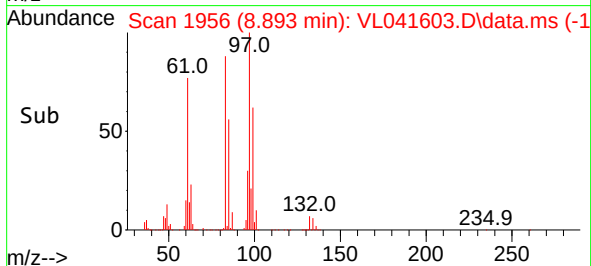
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.4
85	55.5	46.3	69.5
99	61.9	48.0	72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#48

Dibromochloromethane

Concen: 11.034 ppbv

RT: 9.706 min Scan# 2209

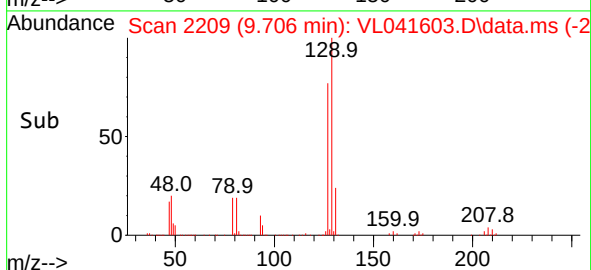
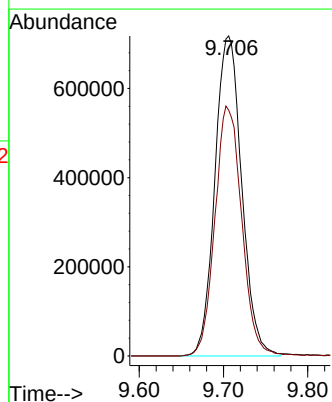
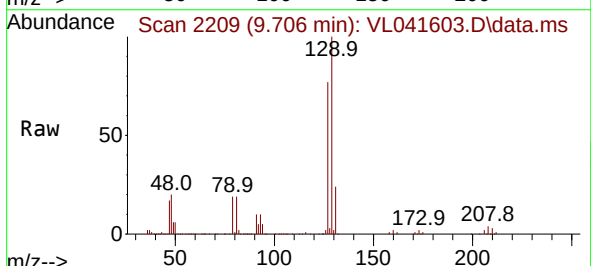
Delta R.T. 0.019 min

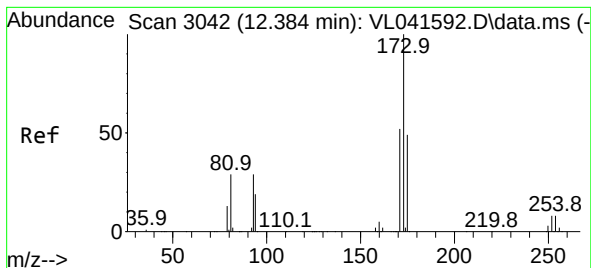
Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Tgt Ion:129 Resp: 1586368

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.3	117.9





#49

Bromoform

Concen: 11.304 ppbv

RT: 12.404 min Scan# 3042

Delta R.T. 0.019 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01

Tgt Ion:173 Resp: 1395100

Ion Ratio Lower Upper

173 100

175 49.8 40.1 60.1

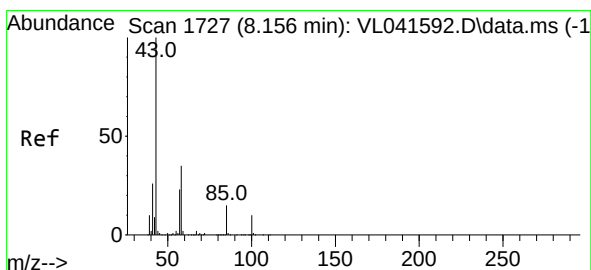
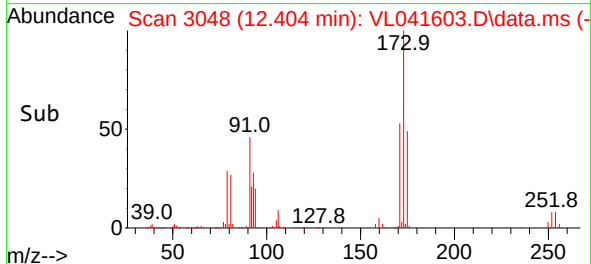
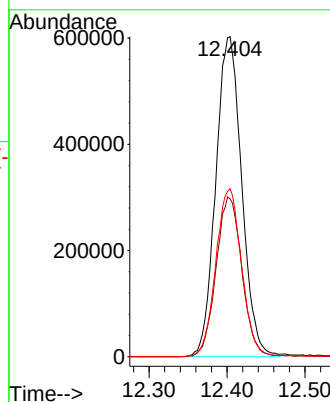
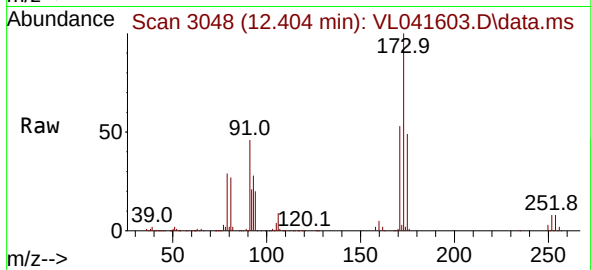
171 52.6 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#50

4-Methyl-2-Pentanone

Concen: 10.982 ppbv

RT: 8.176 min Scan# 1733

Delta R.T. 0.019 min

Lab File: VL041603.D

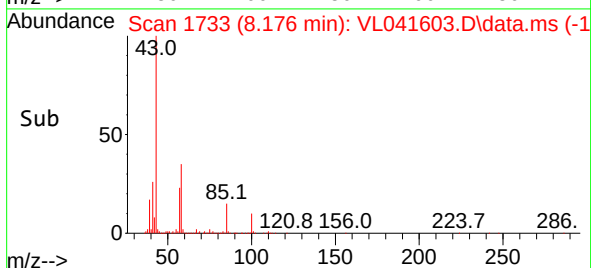
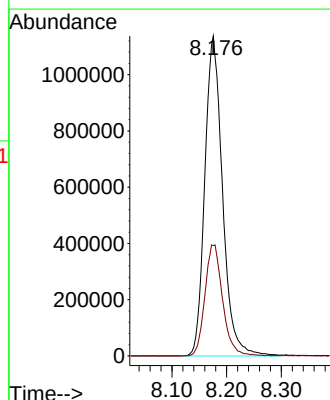
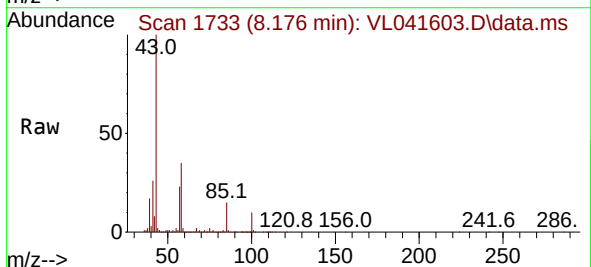
Acq: 18 Sep 2024 10:16

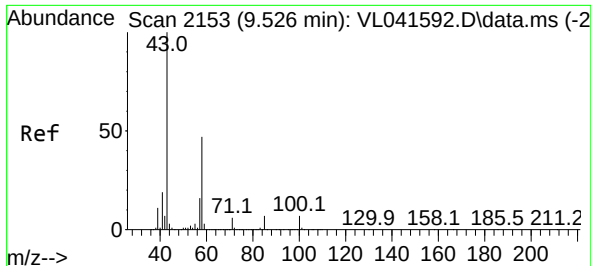
Tgt Ion: 43 Resp: 2558165

Ion Ratio Lower Upper

43 100

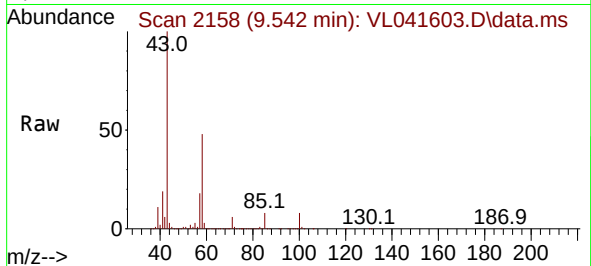
58 34.9 27.8 41.8





#51
2-Hexanone
Concen: 11.332 ppbv
RT: 9.542 min Scan# 2153
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

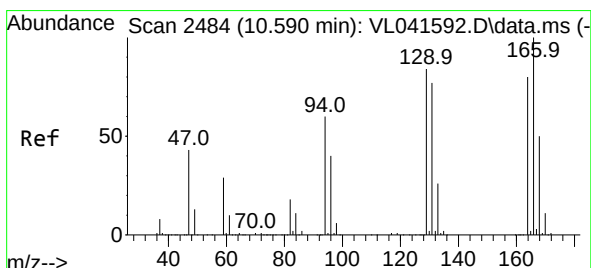
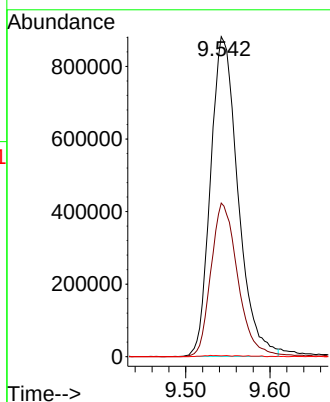
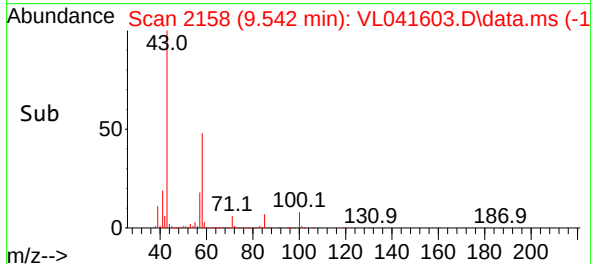
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



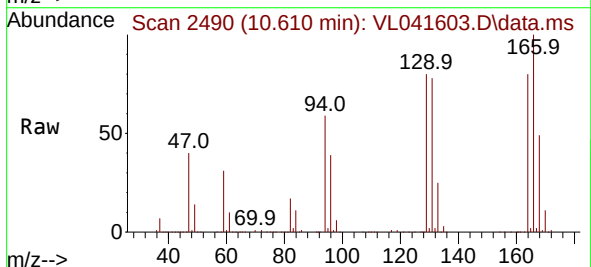
Tgt Ion: 43 Resp: 199660
Ion Ratio Lower Upper
43 100
58 47.3 37.2 55.8
98 0.3 0.5 0.7

Manual Integrations
APPROVED

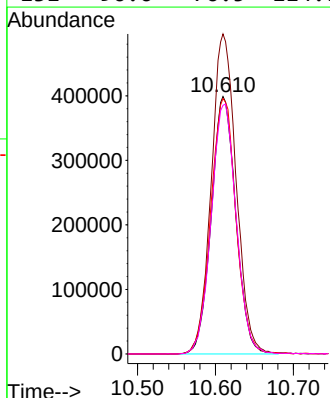
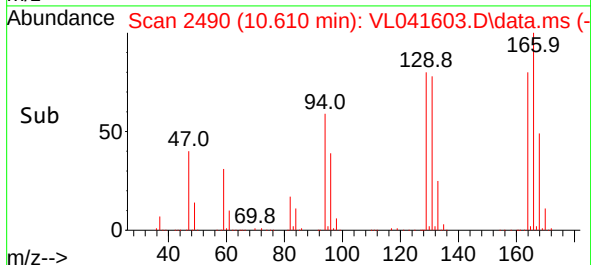
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

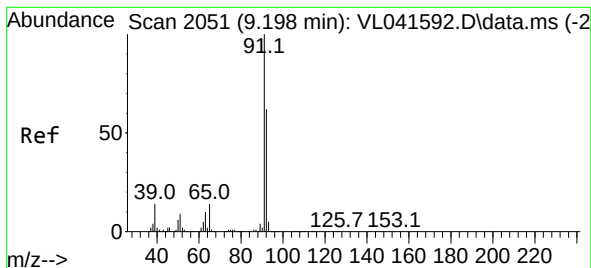


#52
Tetrachloroethene
Concen: 10.941 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



Tgt Ion:164 Resp: 870327
Ion Ratio Lower Upper
164 100
166 124.3 99.4 149.2
129 99.2 83.5 125.3
131 96.6 76.5 114.7





#53

Toluene

Concen: 11.408 ppbv

RT: 9.214 min Scan# 2051

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01

Tgt Ion: 91 Resp: 266030

Ion Ratio Lower Upper

91 100

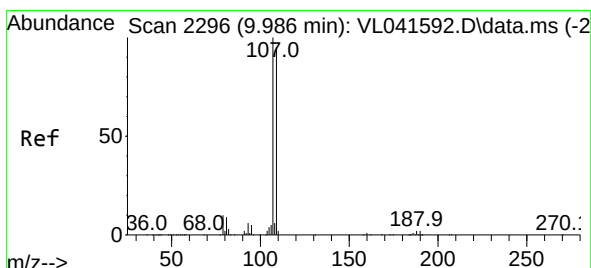
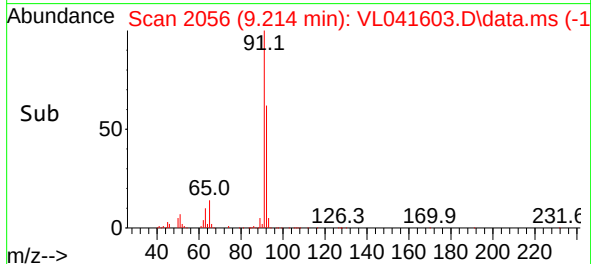
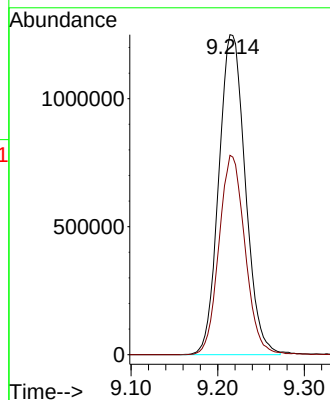
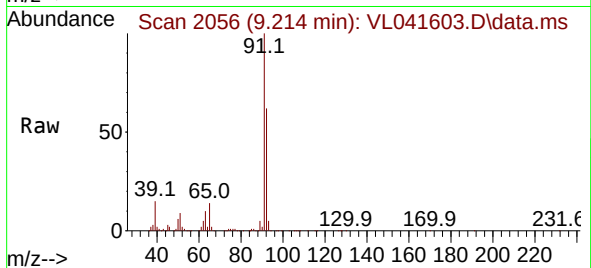
92 61.4 48.9 73.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#54

1,2-Dibromoethane

Concen: 11.130 ppbv

RT: 10.002 min Scan# 2301

Delta R.T. 0.016 min

Lab File: VL041603.D

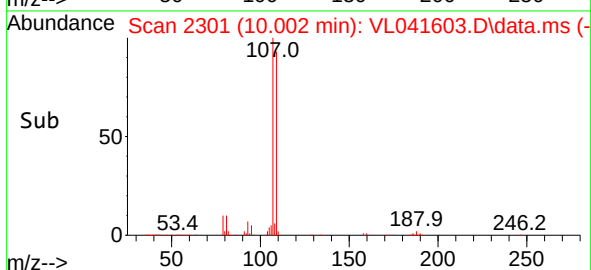
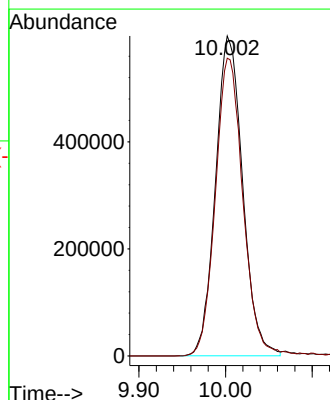
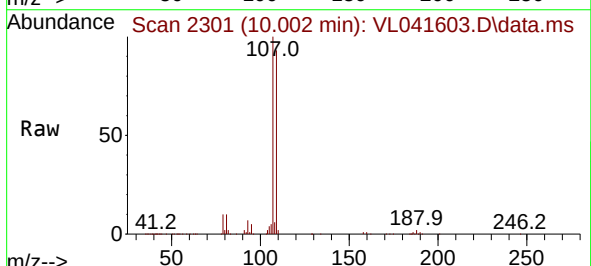
Acq: 18 Sep 2024 10:16

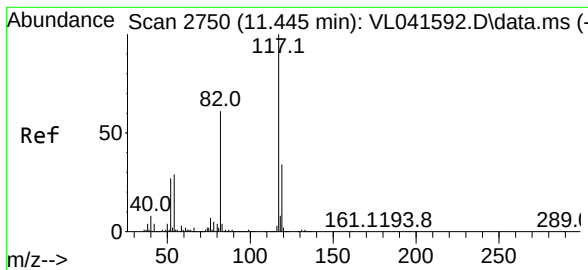
Tgt Ion:107 Resp: 1300569

Ion Ratio Lower Upper

107 100

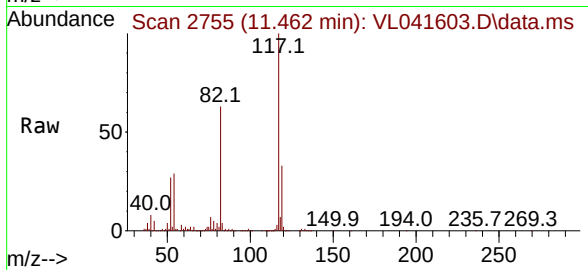
109 93.0 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

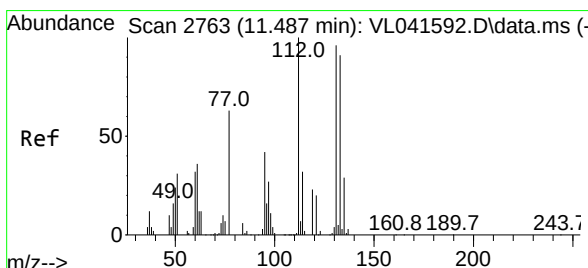
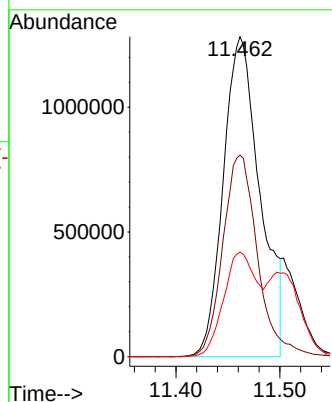
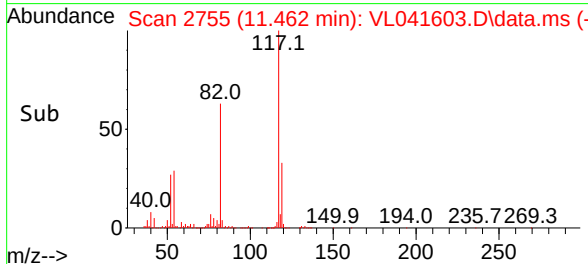
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



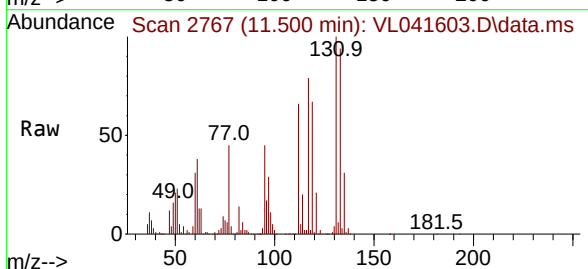
Tgt Ion:117 Resp: 315640
Ion Ratio Lower Upper
117 100
82 60.1 49.4 74.2
119 31.9 24.4 36.6

Manual Integrations
APPROVED

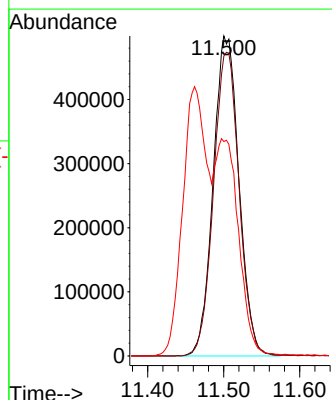
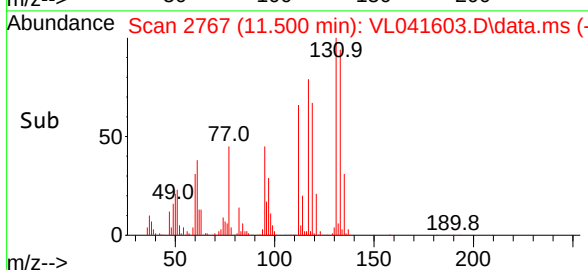
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

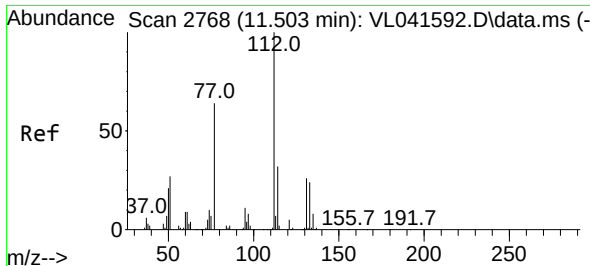


#56
1,1,1,2-Tetrachloroethane
Concen: 9.527 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.013 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



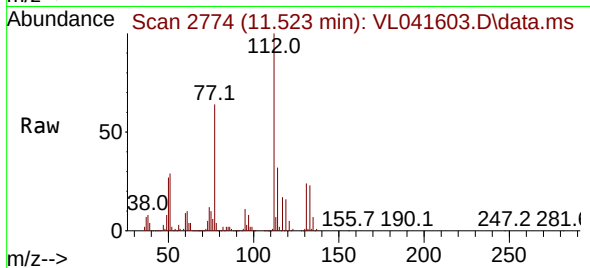
Tgt Ion:131 Resp: 1174089
Ion Ratio Lower Upper
131 100
133 94.7 76.6 115.0
119 63.0 48.5 72.7





#57
Chlorobenzene
Concen: 9.156 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

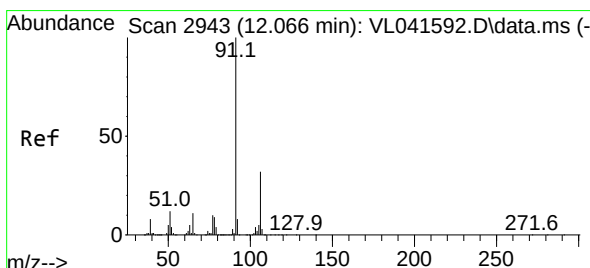
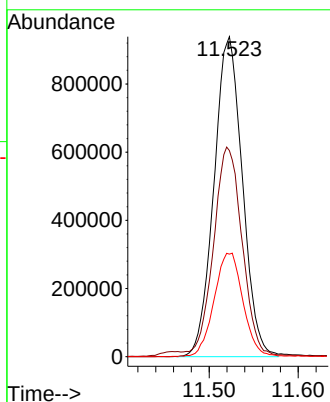
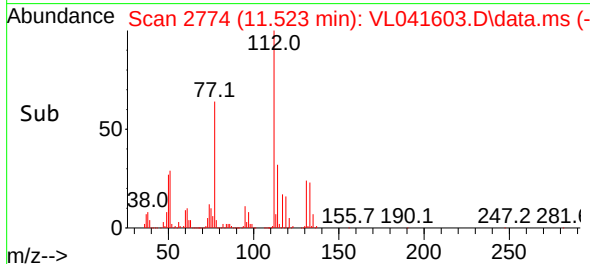
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



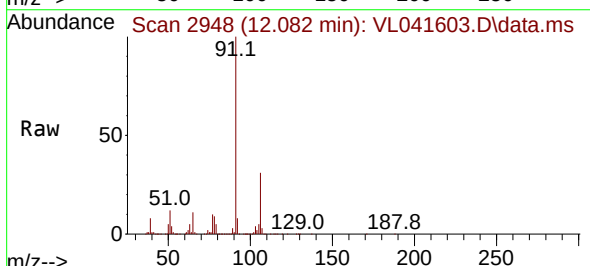
Tgt Ion:112 Resp: 208359
Ion Ratio Lower Upper
112 100
77 63.9 52.0 78.0
114 31.9 28.6 35.0

Manual Integrations
APPROVED

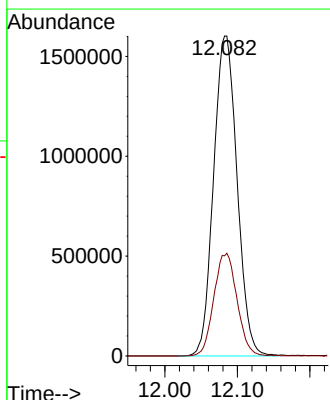
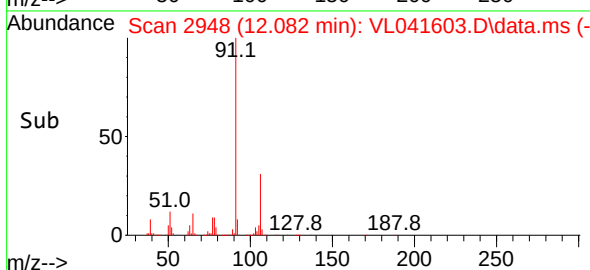
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

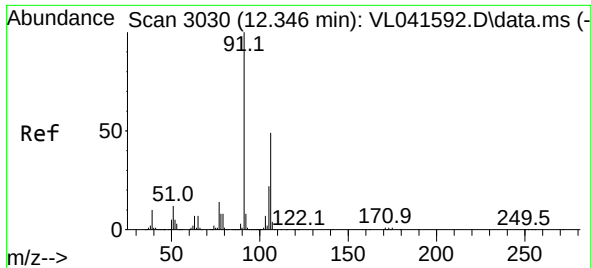


#58
Ethyl Benzene
Concen: 10.686 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



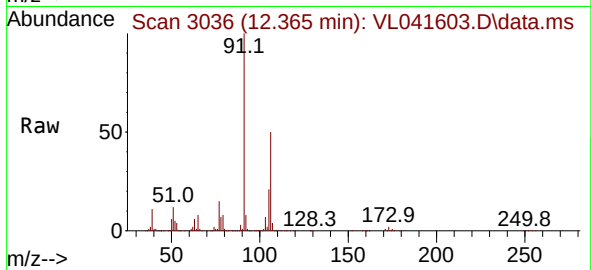
Tgt Ion: 91 Resp: 3610725
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.6





#59
m/p-Xylene
Concen: 20.373 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

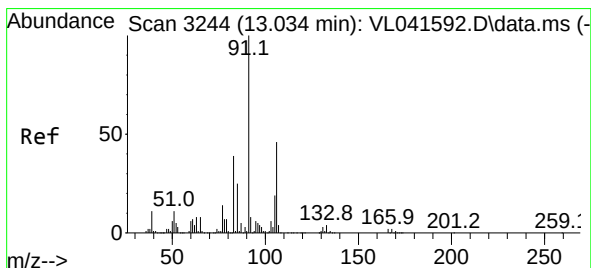
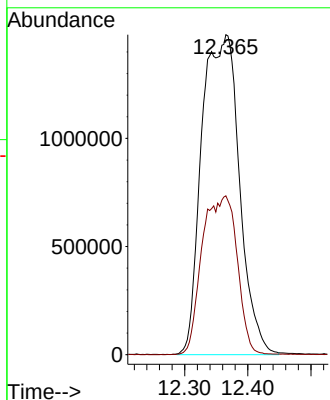
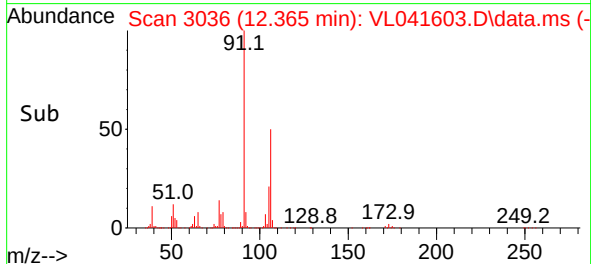
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



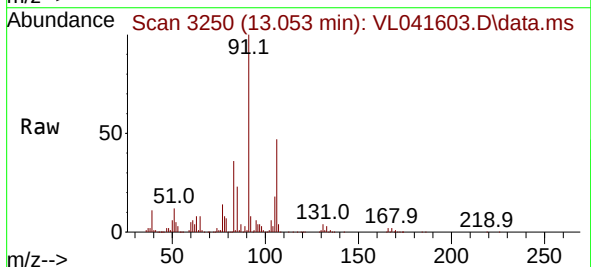
Tgt Ion: 91 Resp: 6126839
Ion Ratio Lower Upper
91 100
106 46.3 36.8 55.2

Manual Integrations
APPROVED

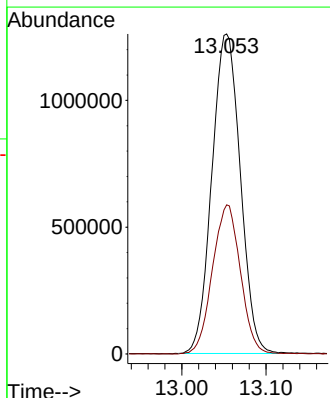
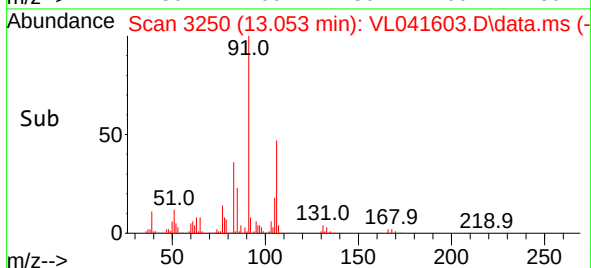
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

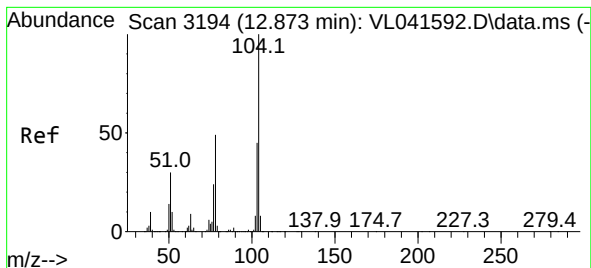


#60
o-Xylene
Concen: 10.241 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



Tgt Ion: 91 Resp: 2952785
Ion Ratio Lower Upper
91 100
106 46.1 23.1 69.3





#61

Styrene

Concen: 11.906 ppbv

RT: 12.889 min Scan# 3194

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01

Tgt Ion:104 Resp: 143408

Ion Ratio Lower Upper

104 100

78 50.1 39.8 59.6

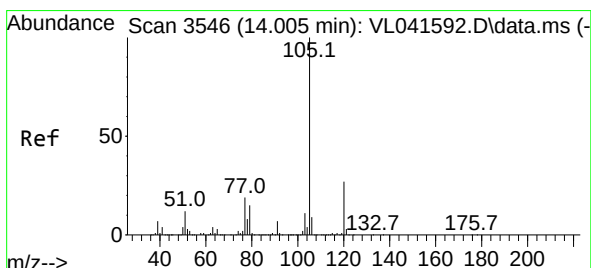
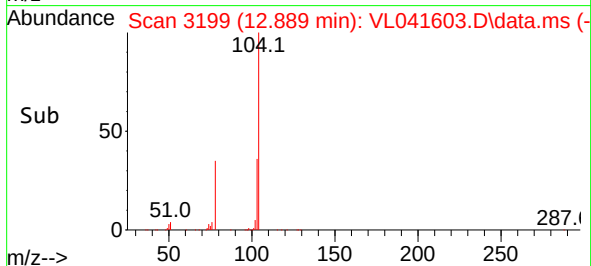
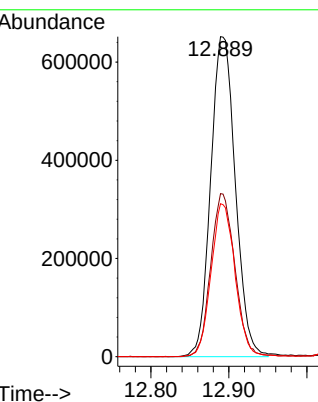
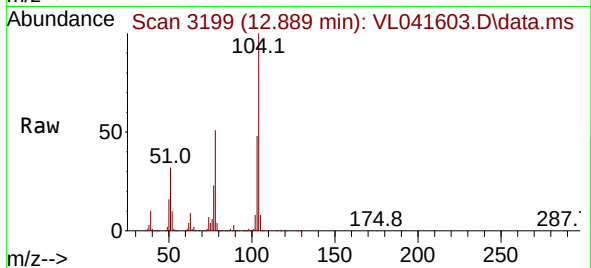
103 46.8 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#62

Isopropylbenzene

Concen: 9.852 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.019 min

Lab File: VL041603.D

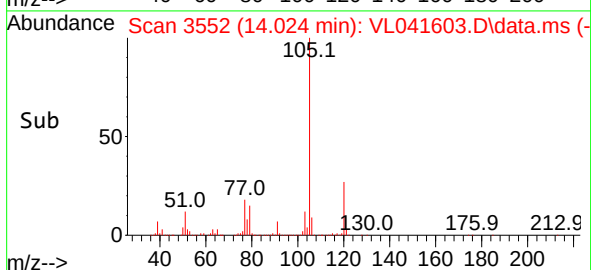
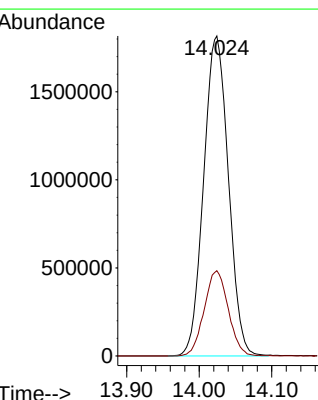
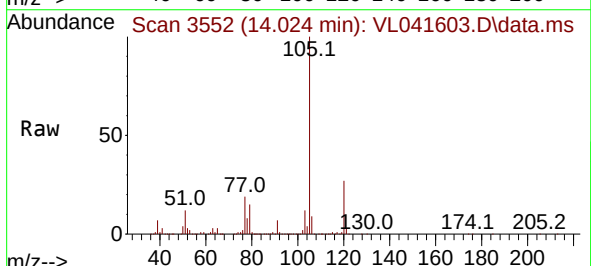
Acq: 18 Sep 2024 10:16

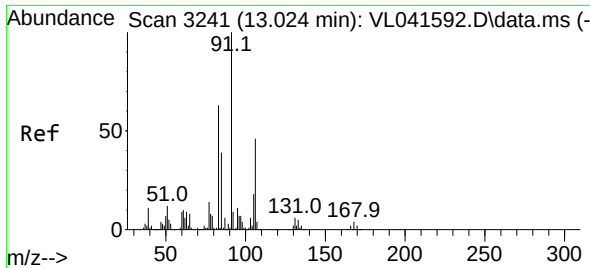
Tgt Ion:105 Resp: 4303632

Ion Ratio Lower Upper

105 100

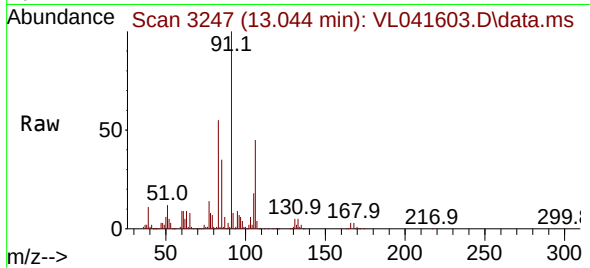
120 26.0 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 9.469 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

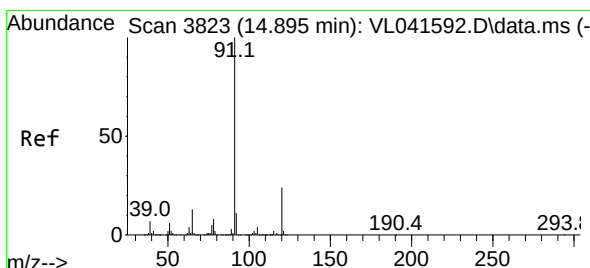
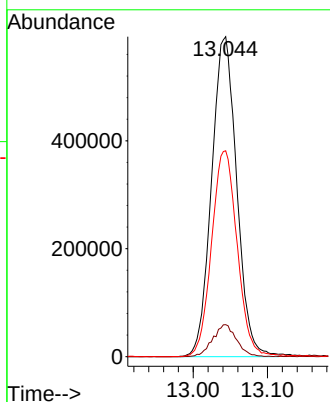
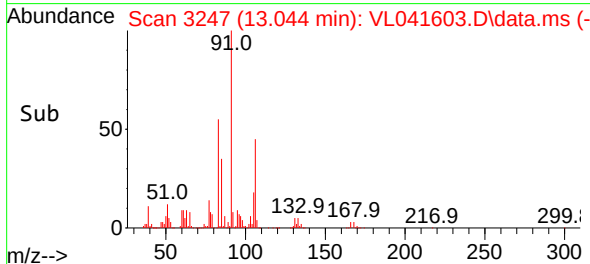
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



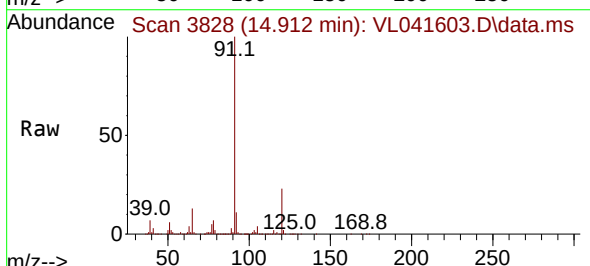
Tgt Ion: 83 Resp: 139582
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 66.1 32.5 97.4

Manual Integrations
APPROVED

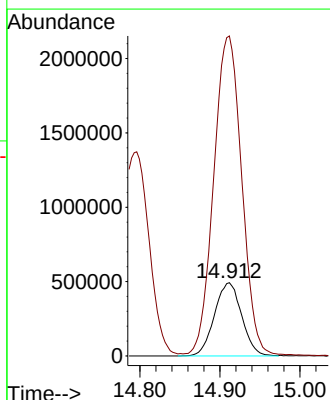
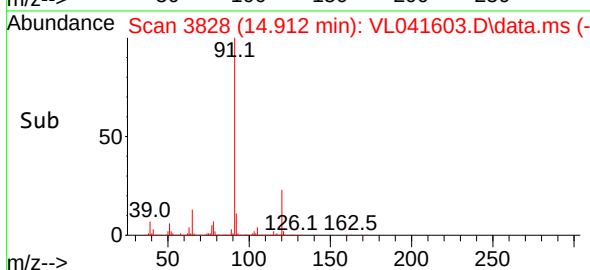
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

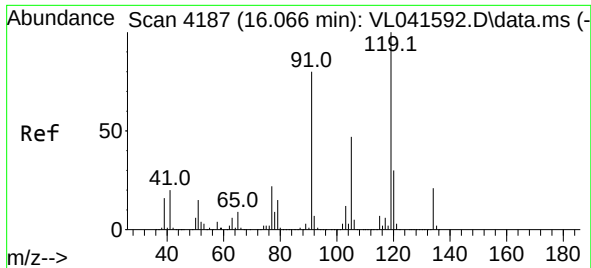


#64
n-propylbenzene
Concen: 10.315 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



Tgt Ion:120 Resp: 1163609
Ion Ratio Lower Upper
120 100
91 452.7 366.4 549.6





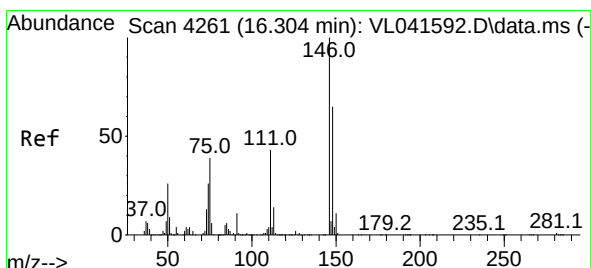
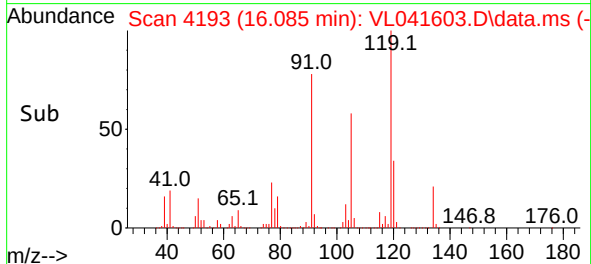
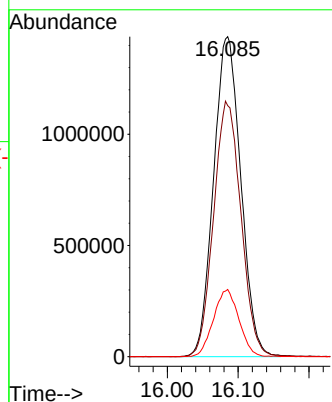
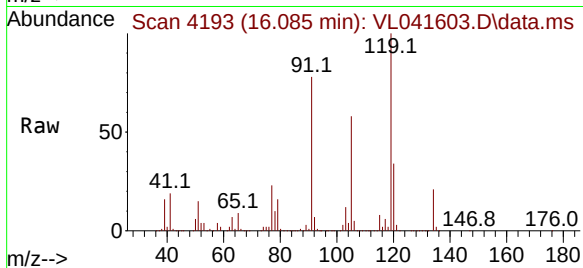
#65
tert-Butylbenzene
Concen: 9.602 ppbv
RT: 16.085 min Scan# 4187
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01

Tgt Ion:119 Resp: 3844760
Ion Ratio Lower Upper
119 100
91 80.2 64.6 96.8
134 19.7 15.8 23.8

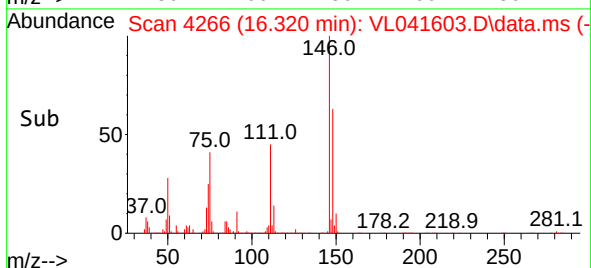
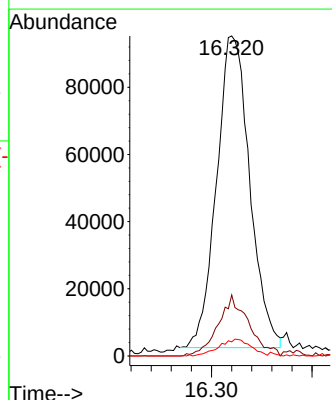
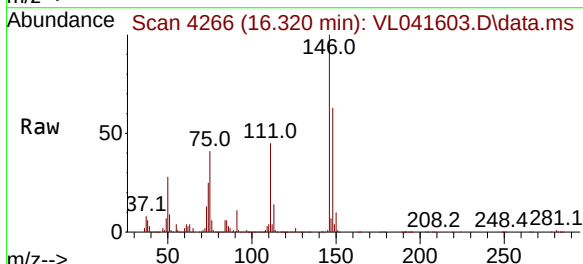
Manual Integrations
APPROVED

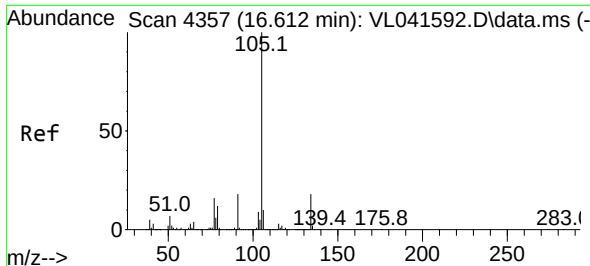
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#66
Benzyl Chloride
Concen: 10.193 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

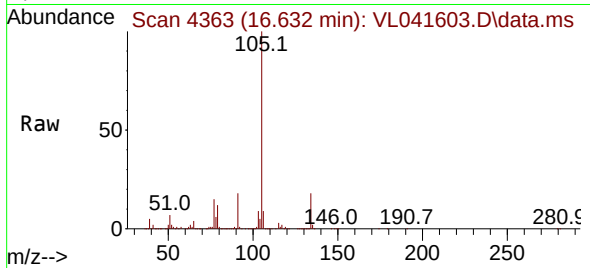
Tgt Ion: 91 Resp: 212184
Ion Ratio Lower Upper
91 100
126 19.0 15.4 23.2
128 5.5 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 9.689 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

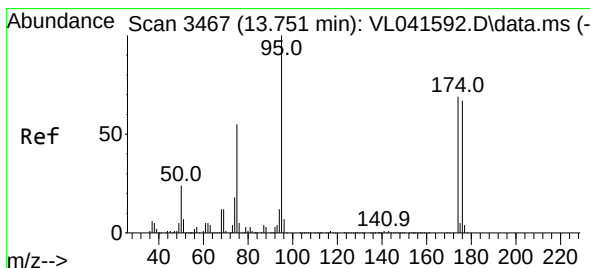
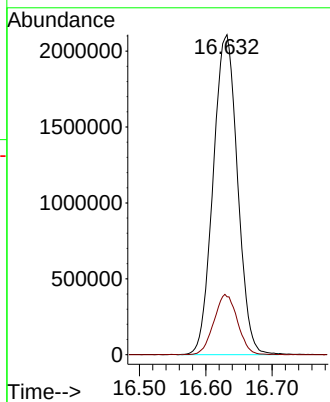
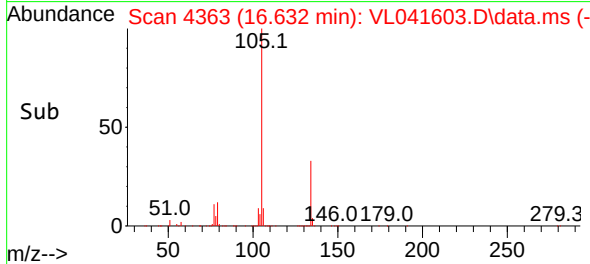
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0918ABS01



Tgt Ion:105 Resp: 5382674
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8

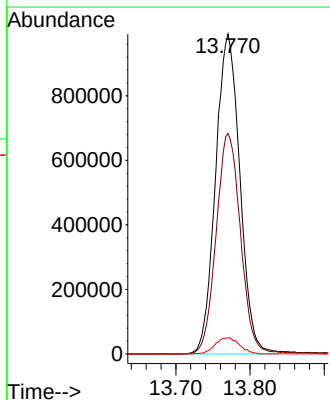
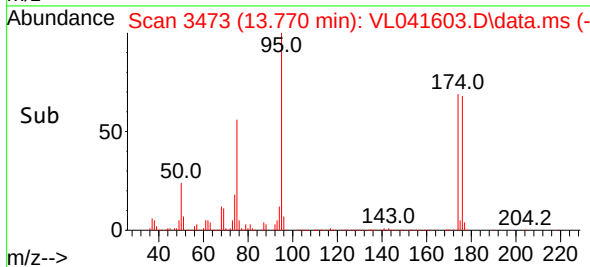
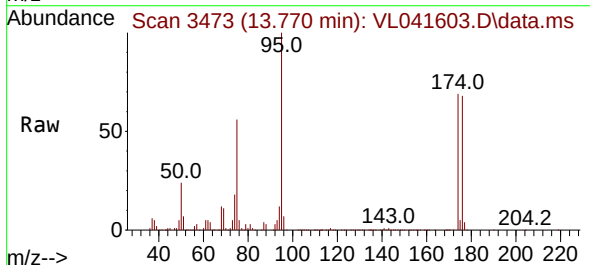
Manual Integrations
 APPROVED

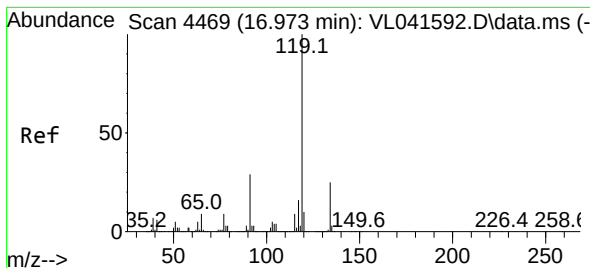
Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.723 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

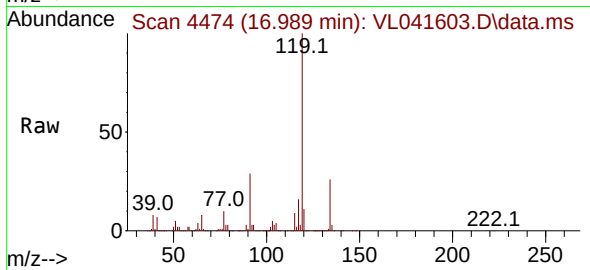
Tgt Ion: 95 Resp: 2259237
 Ion Ratio Lower Upper
 95 100
 174 69.5 55.8 83.8
 175 5.1 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.021 ppbv
RT: 16.989 min Scan# 4469
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

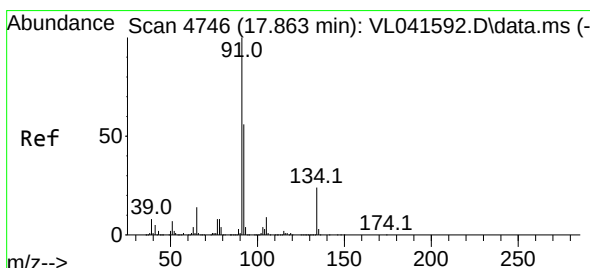
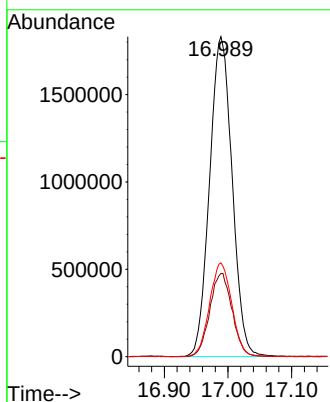
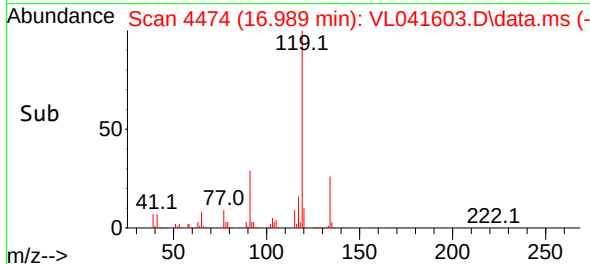
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



Tgt Ion: 119 Resp: 4506080
Ion Ratio Lower Upper
119 100
134 25.9 20.5 30.7
91 28.9 23.1 34.7

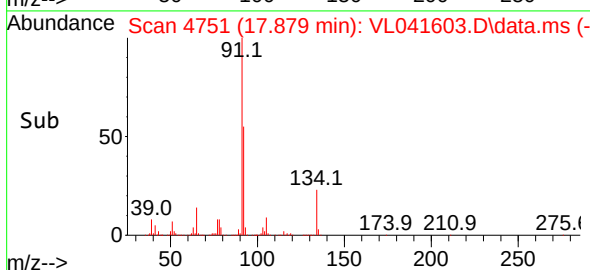
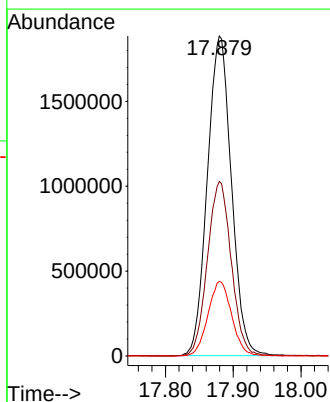
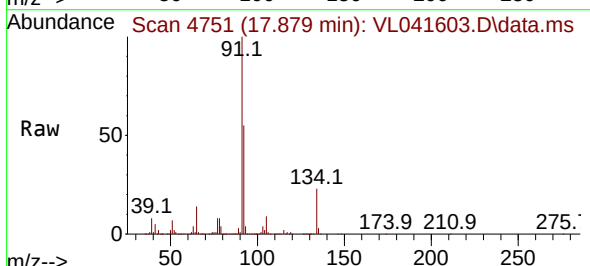
Manual Integrations
APPROVED

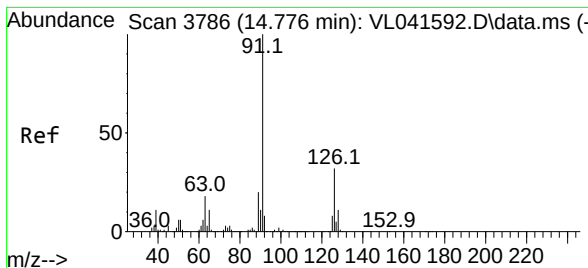
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#70
n-Butylbenzene
Concen: 9.853 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Tgt Ion: 91 Resp: 4641102
Ion Ratio Lower Upper
91 100
92 54.4 43.2 64.8
134 23.1 18.6 27.8





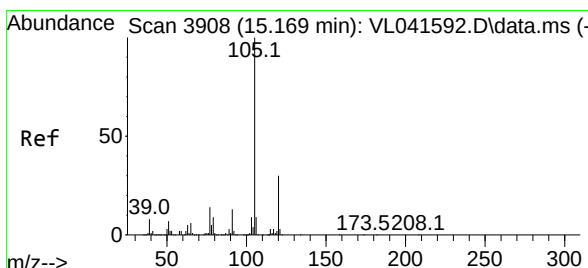
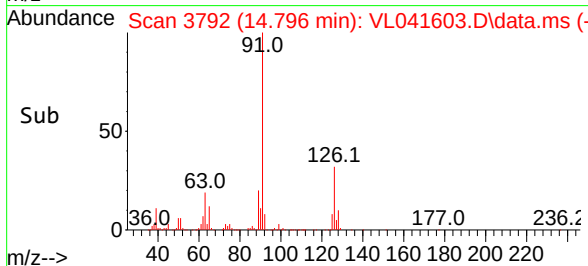
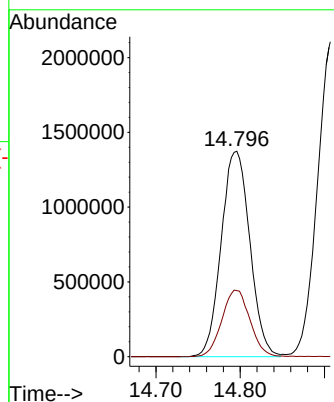
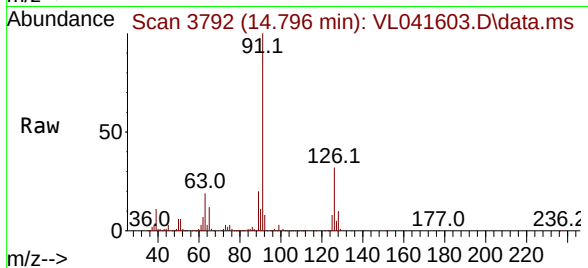
#71
2-Chlorotoluene
Concen: 10.080 ppbv
RT: 14.796 min Scan# 3114
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01

Tgt Ion: 91 Resp: 3239678
Ion Ratio Lower Upper
91 100
126 31.9 12.9 51.5

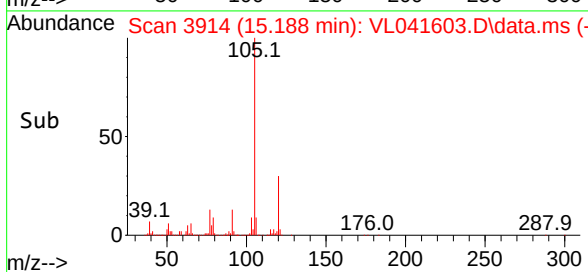
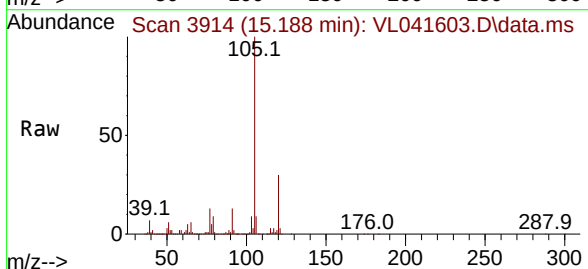
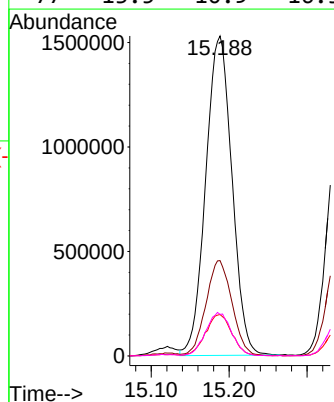
Manual Integrations
APPROVED

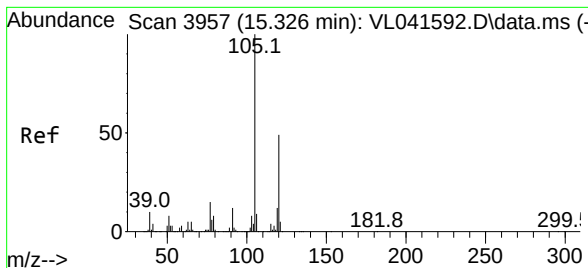
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#72
4-Ethyltoluene
Concen: 10.600 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

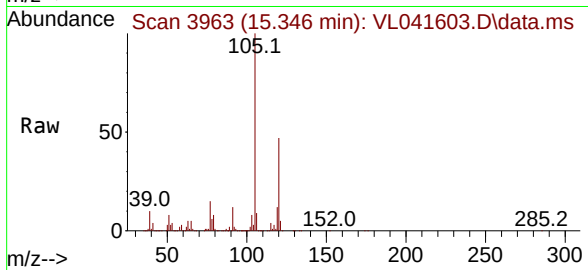
Tgt Ion:105 Resp: 3572445
Ion Ratio Lower Upper
105 100
120 30.7 24.1 36.1
91 12.9 10.2 15.2
77 13.5 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 10.176 ppbv
RT: 15.346 min Scan# 3957
Delta R.T. 0.019 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

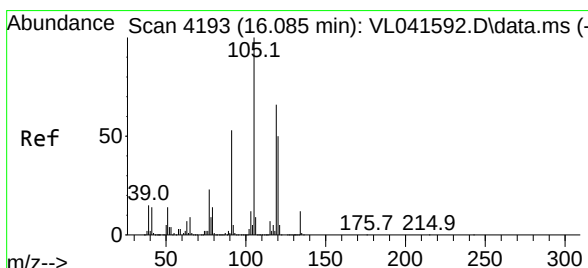
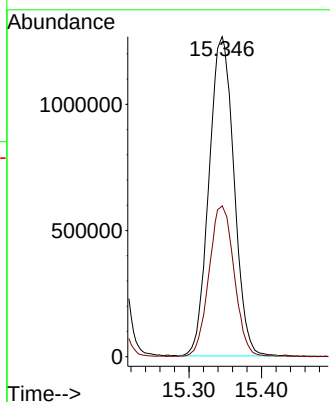
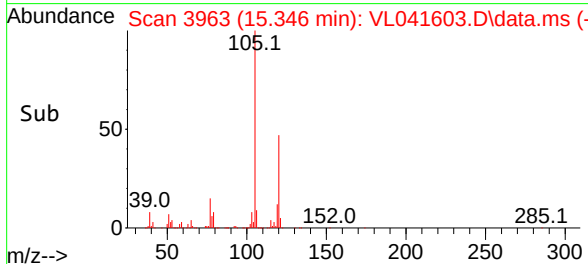
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



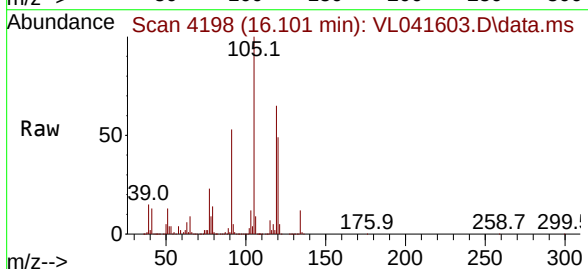
Tgt Ion:105 Resp: 3028398
Ion Ratio Lower Upper
105 100
120 47.2 39.4 59.0

Manual Integrations
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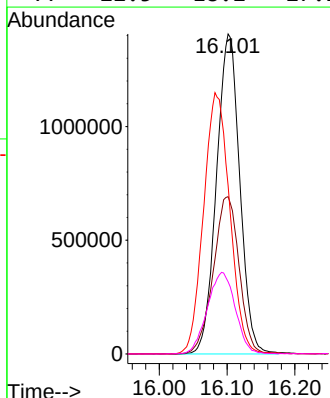
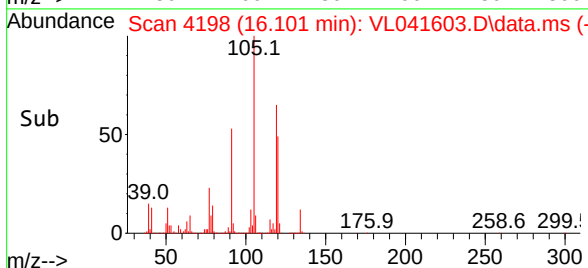
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

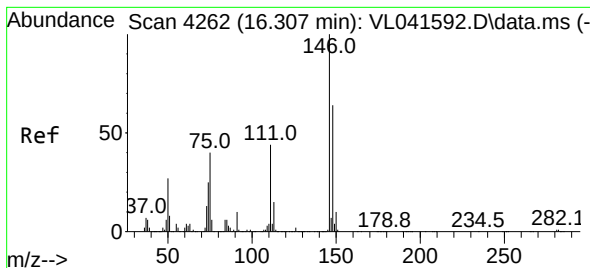


#74
1,2,4-Trimethylbenzene
Concen: 9.634 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



Tgt Ion:105 Resp: 3355900
Ion Ratio Lower Upper
105 100
120 49.1 39.9 59.9
91 52.4 42.6 63.8
77 22.5 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.560 ppbv

RT: 16.323 min Scan# 4312

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

Instrument :

MSVOA_L

ClientSampleId :

VL0918ABS01

Tgt Ion:146 Resp: 2087035

Ion Ratio Lower Upper

146 100

111 44.9 22.4 67.0

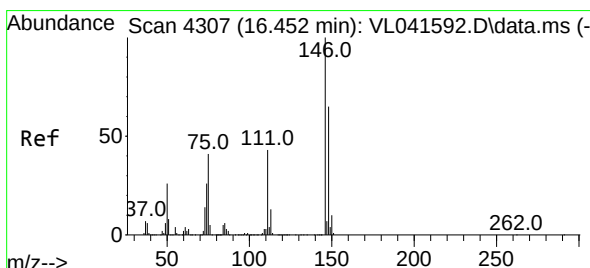
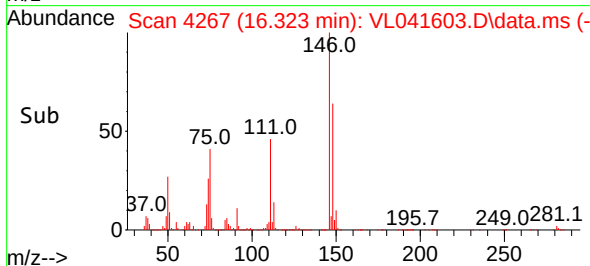
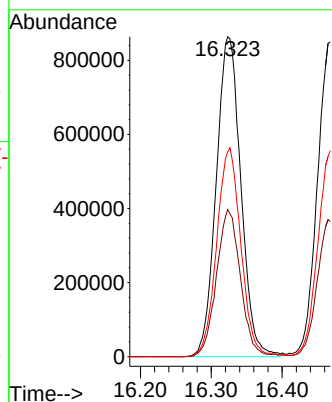
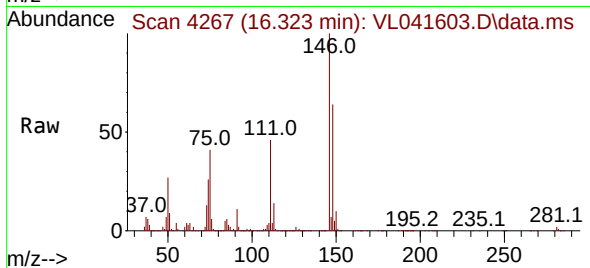
148 64.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#76

1,4-Dichlorobenzene

Concen: 9.592 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. 0.016 min

Lab File: VL041603.D

Acq: 18 Sep 2024 10:16

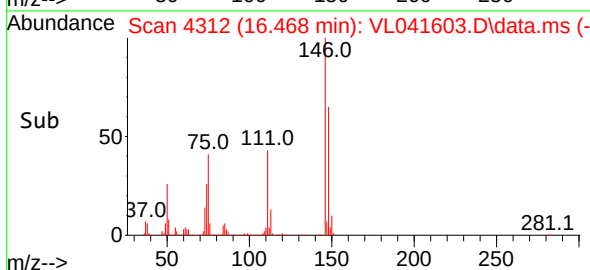
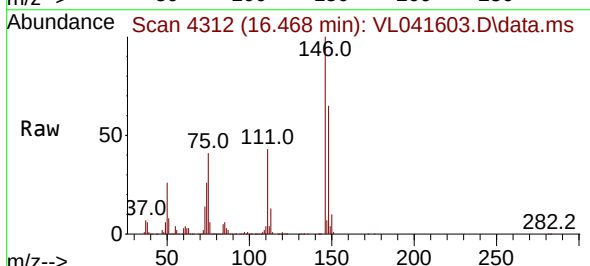
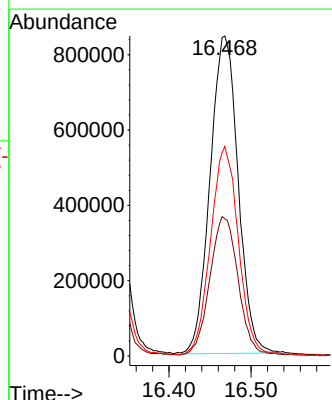
Tgt Ion:146 Resp: 2006487

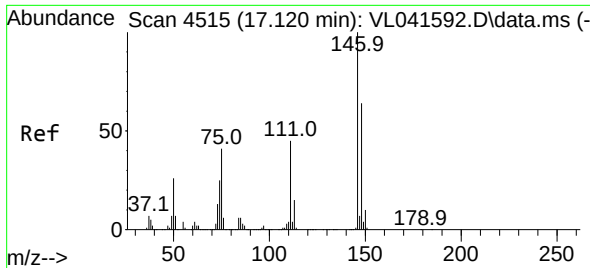
Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.3

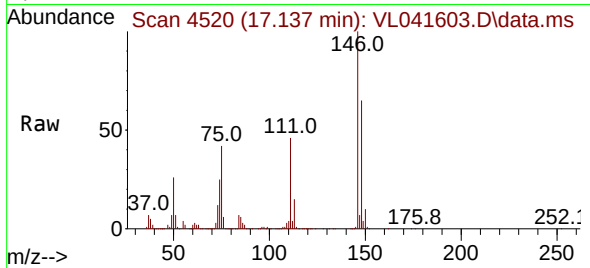
148 66.1 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 9.312 ppbv
RT: 17.137 min Scan# 4515
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

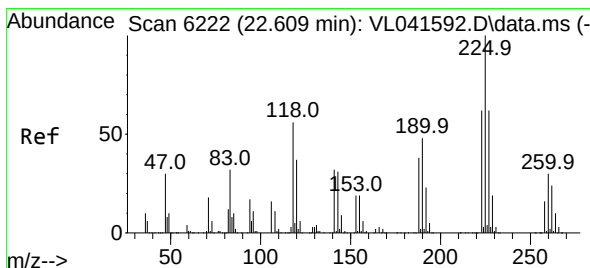
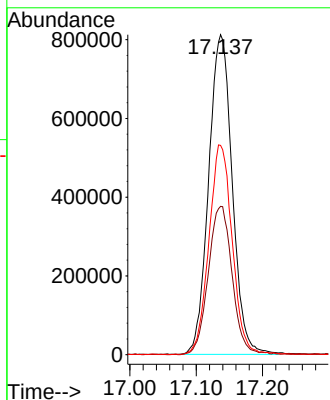
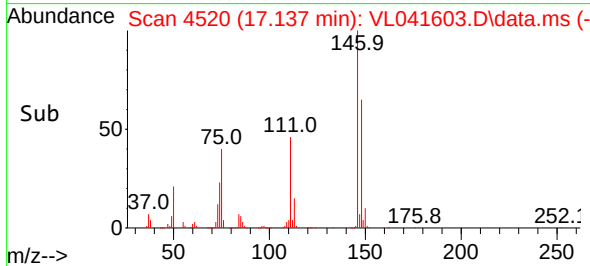
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



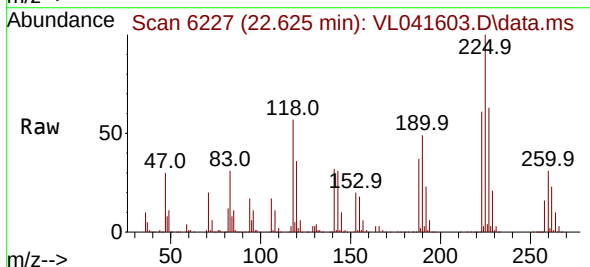
Tgt Ion:146 Resp: 200697
Ion Ratio Lower Upper
146 100
111 47.1 23.4 70.0
148 64.8 32.5 97.4

Manual Integrations
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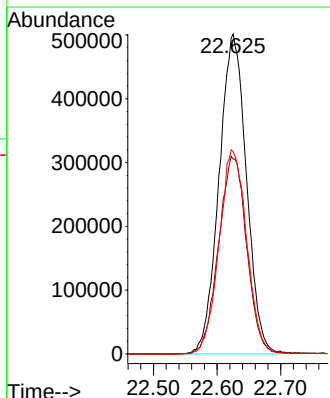
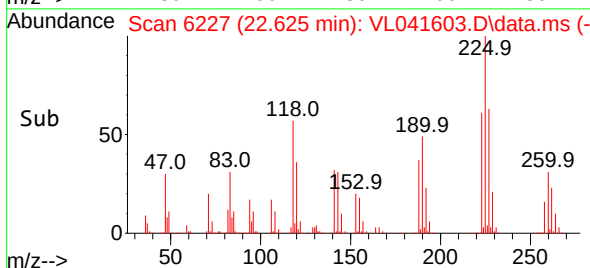
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

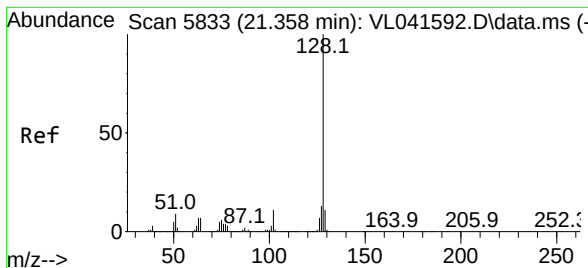


#78
Hexachloro-1,3-Butadiene
Concen: 8.425 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



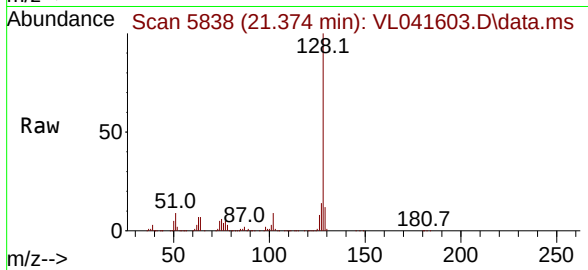
Tgt Ion:225 Resp: 1497828
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 64.6 50.9 76.3





#79
Naphthalene
Concen: 12.291 ppbv
RT: 21.374 min Scan# 5838
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16

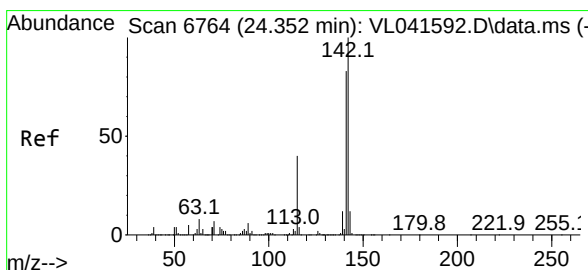
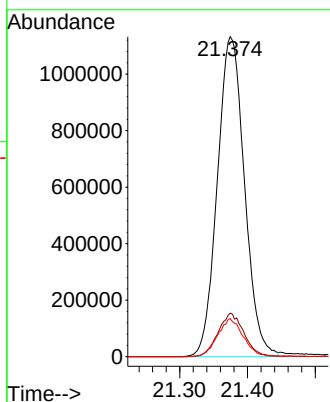
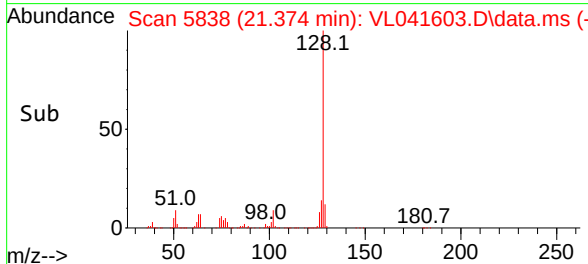
Instrument :
MSVOA_L
ClientSampleId :
VL0918ABS01



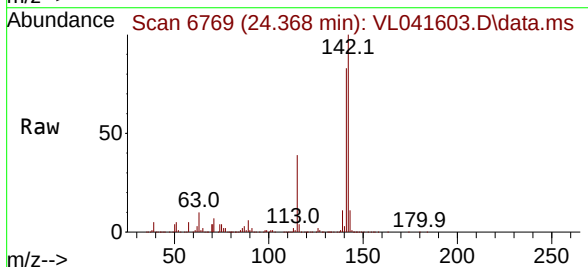
Tgt Ion:128 Resp: 315096
Ion Ratio Lower Upper
128 100
127 13.6 10.1 15.1
129 11.9 9.1 13.7

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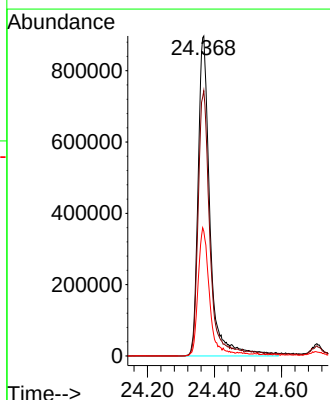
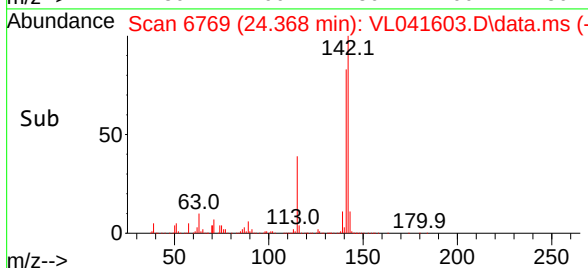
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

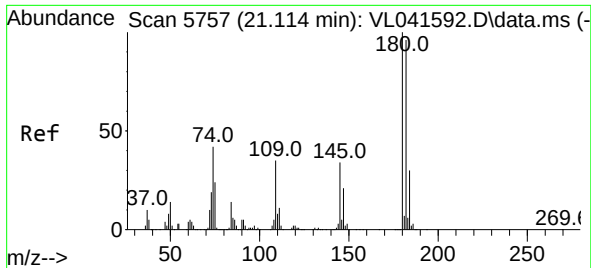


#80
Naphthalene,2-methyl-
Concen: 12.308 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.016 min
Lab File: VL041603.D
Acq: 18 Sep 2024 10:16



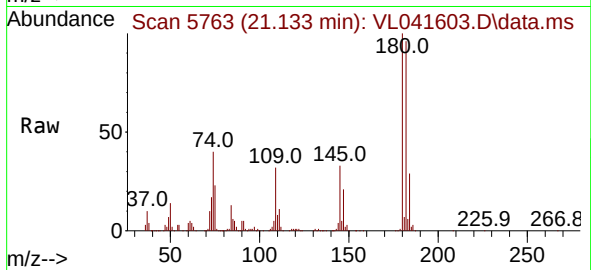
Tgt Ion:142 Resp: 2210947
Ion Ratio Lower Upper
142 100
141 84.3 66.3 99.5
115 40.0 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.215 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.019 min
 Lab File: VL041603.D
 Acq: 18 Sep 2024 10:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0918ABS01



Tgt Ion:180 Resp: 1664970

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.5	114.7
184	30.6	24.7	37.1

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 Supervised By :Mahesh Dadoda 09/19/2024

