

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041599.D
 Acq On : 16 Sep 2024 18:46
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL091624

Quant Time: Sep 17 09:18:19 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 09/17/2024
 Supervised By : Mahesh Dadoda 09/17/2024

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

Internal Standards						
1) Bromochloromethane	5.176	49	1211658	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	3308799	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	3161469m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.751 95 2308391 9.919 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.723	85	1544917	8.829	ppbv	99
3) Chlorodifluoromethane	2.668	51	1323860	9.008	ppbv	99
4) Chloromethane	2.806	50	724772	8.966	ppbv	95
5) Vinyl Chloride	2.912	62	707659	10.111	ppbv	99
6) Bromomethane	3.108	94	319232	9.168	ppbv	99
7) Chloroethane	3.189	64	251821	9.251	ppbv	99
8) Dichlorotetrafluoroethane	2.848	85	1641100	8.941	ppbv	98
9) Propene	2.687	41	640849	10.338	ppbv	100
10) Heptane	7.565	43	1512434	10.420	ppbv	100
11) Trichlorofluoromethane	3.552	101	1652570	8.875	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1197204	8.877	ppbv	99
13) Ethanol	3.240	45	22445m	4.816	ppbv	
14) Bromoethene	3.356	108	497665	9.732	ppbv	98
15) Acetone	3.456	43	1235854	8.124	ppbv	99
16) 1,3-Butadiene	2.977	39	708349	9.574	ppbv	99
17) tert-Butyl alcohol	3.864	59	1338127	10.002	ppbv	100
18) 1,1-Dichloroethene	3.867	96	531734	9.314	ppbv	99
19) Isopropyl Alcohol	3.562	45	679011	8.720	ppbv	99
20) Methylene Chloride	3.919	84	447442	7.830	ppbv	95
21) Allyl Chloride	3.983	41	870229	9.870	ppbv	100
22) trans-1,2-Dichloroethene	4.433	96	544525	9.561	ppbv	99
23) Vinyl Acetate	4.610	43	879864	10.516	ppbv #	97
24) 1,1-Dichloroethane	4.549	63	1155920	9.204	ppbv	99
25) Ethyl Acetate	5.189	43	2756002	10.092	ppbv	99
26) Hexane	5.195	57	1129442	9.917	ppbv	99
27) Carbon Disulfide	4.112	76	1301729	10.753	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	708243	10.087	ppbv	99
29) Chloroform	5.259	83	1692873	9.084	ppbv	100
30) Cyclohexane	6.587	84	939832	10.706	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	1109424	10.261	ppbv	98
32) 1,1,1-Trichloroethane	5.986	97	1671780	10.071	ppbv	99
34) 2-Butanone	4.771	43	1595025	10.110	ppbv	99
35) Carbon Tetrachloride	6.475	117	1729977	10.656	ppbv	98
36) Benzene	6.353	78	2377400	10.346	ppbv	100
37) 1,2-Dichloroethane	5.790	62	1303965	9.780	ppbv	99
38) Trichloroethene	7.272	130	1220709	10.316	ppbv	99
39) 1,2-Dichloropropane	7.057	63	924715	9.892	ppbv	97
40) 1,4-Dioxane	7.269	88	268441m	7.618	ppbv	
41) Tetrahydrofuran	5.539	42	998000	11.494	ppbv	100
42) Bromodichloromethane	7.230	83	1853470	9.992	ppbv	99
43) Methyl Methacrylate	7.455	69	952193	11.579	ppbv	98
44) 2,2,4-Trimethylpentane	7.308	57	3942109	9.916	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	854719	12.892	ppbv	97

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/17/2024
 Supervised By : Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 09:18:19 2024

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

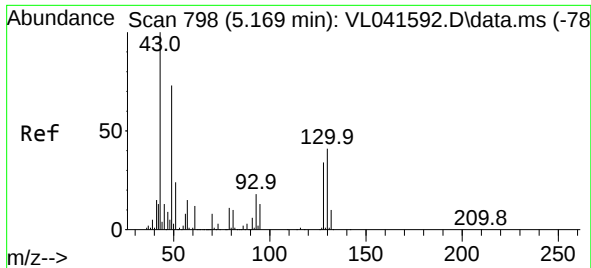
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

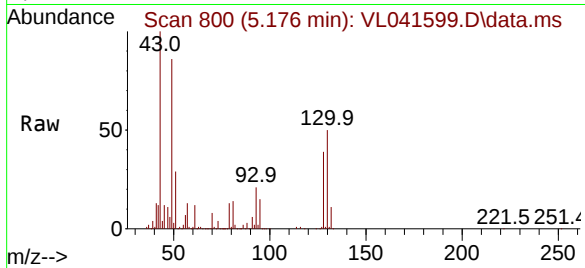
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1179959	12.148	ppbv	98
47) 1,1,2-Trichloroethane	8.880	97	965904	9.731	ppbv	97
48) Dibromochloromethane	9.690	129	1596069	10.613	ppbv	100
49) Bromoform	12.388	173	1398574	10.834	ppbv	99
50) 4-Methyl-2-Pentanone	8.163	43	2618515	10.747	ppbv	99
51) 2-Hexanone	9.529	43	2107044	11.433	ppbv #	99
52) Tetrachloroethene	10.594	164	876069	10.529	ppbv	97
53) Toluene	9.201	91	2736931	11.220	ppbv	100
54) 1,2-Dibromoethane	9.989	107	1334237	10.916	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.487	131	1153971	9.349	ppbv	100
57) Chlorobenzene	11.507	112	2110664	9.260	ppbv	98
58) Ethyl Benzene	12.066	91	3636857	10.746	ppbv	100
59) m/p-Xylene	12.352	91	6119550m	20.317	ppbv	
60) o-Xylene	13.034	91	2941243	10.185	ppbv	99
61) Styrene	12.873	104	1461911	12.117	ppbv	100
62) Isopropylbenzene	14.008	105	4273531	9.768	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.028	83	1389186	9.409	ppbv	99
64) n-propylbenzene	14.896	120	1144513	10.129	ppbv	99
65) tert-Butylbenzene	16.069	119	3822907	9.532	ppbv	99
66) Benzyl Chloride	16.304	91	212798	10.206	ppbv	100
67) sec-Butylbenzene	16.613	105	5350490	9.616	ppbv	100
69) p-Isopropyltoluene	16.973	119	4497521	9.986	ppbv	100
70) n-Butylbenzene	17.863	91	4595438	9.740	ppbv	100
71) 2-Chlorotoluene	14.780	91	3223465	10.013	ppbv	100
72) 4-Ethyltoluene	15.169	105	3524544	10.441	ppbv	99
73) 1,3,5-Trimethylbenzene	15.327	105	3014196	10.112	ppbv	98
74) 1,2,4-Trimethylbenzene	16.085	105	3320425	9.517	ppbv	99
75) 1,3-Dichlorobenzene	16.307	146	2073354	9.482	ppbv	100
76) 1,4-Dichlorobenzene	16.452	146	2027061	9.675	ppbv	99
77) 1,2-Dichlorobenzene	17.117	146	1996843	9.250	ppbv	100
78) Hexachloro-1,3-Butadiene	22.612	225	1507968m	8.468	ppbv	
79) Naphthalene	21.355	128	3203623	12.476	ppbv	98
80) Naphthalene,2-methyl-	24.349	142	2446937	13.599	ppbv	99
81) 1,2,4-Trichlorobenzene	21.114	180	1671079	10.236	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

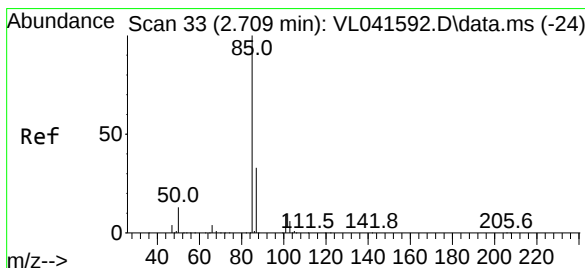
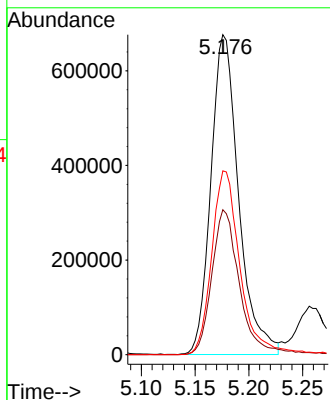
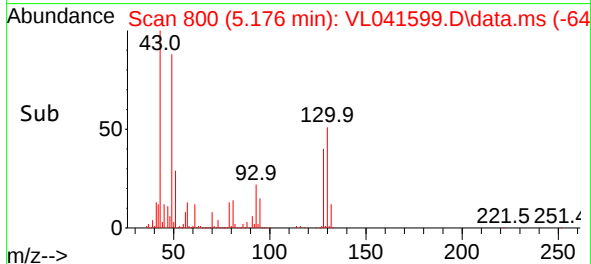
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



Tgt Ion: 49 Resp: 1211658
Ion Ratio Lower Upper
49 100
128 46.3 23.8 71.5
130 59.7 30.4 91.3

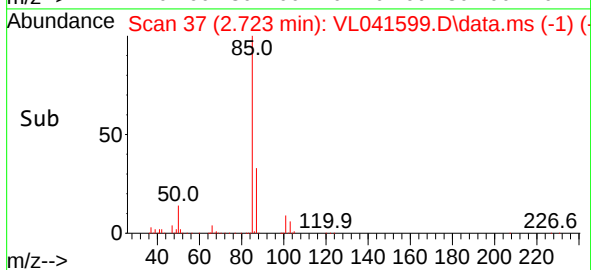
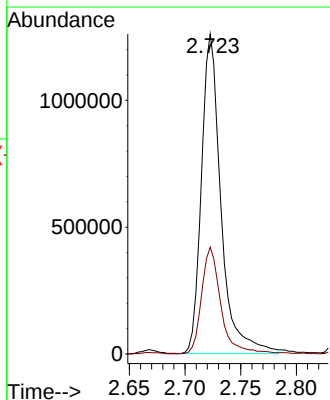
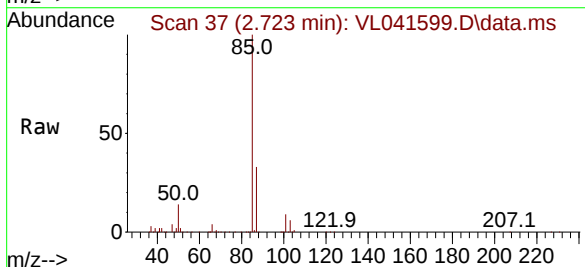
Manual Integrations
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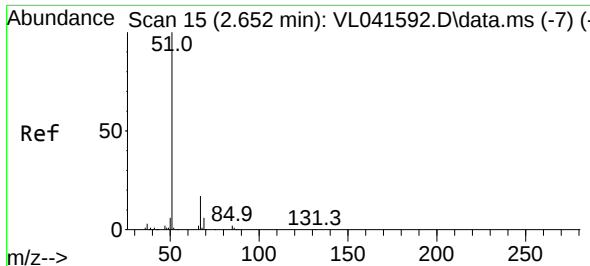
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#2
Dichlorodifluoromethane
Concen: 8.829 ppbv
RT: 2.723 min Scan# 37
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

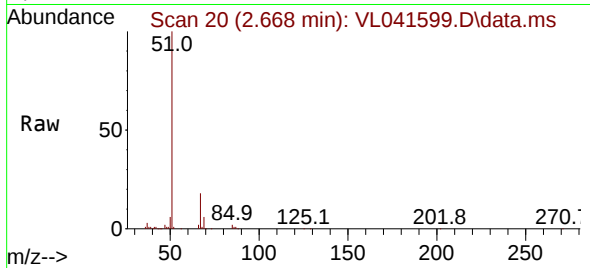
Tgt Ion: 85 Resp: 1544917
Ion Ratio Lower Upper
85 100
87 33.3 26.3 39.5





#3
Chlorodifluoromethane
Concen: 9.008 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

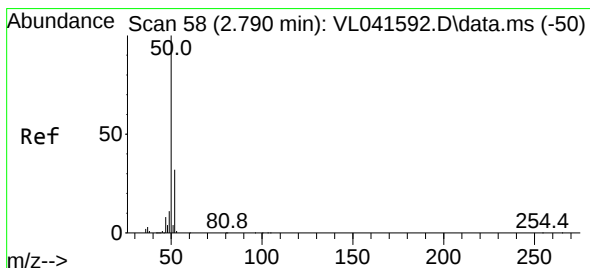
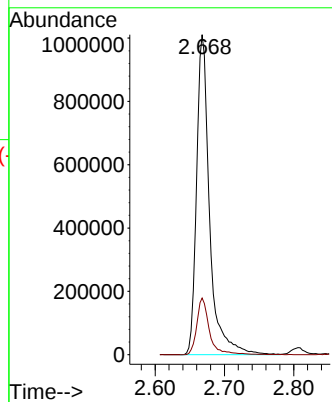
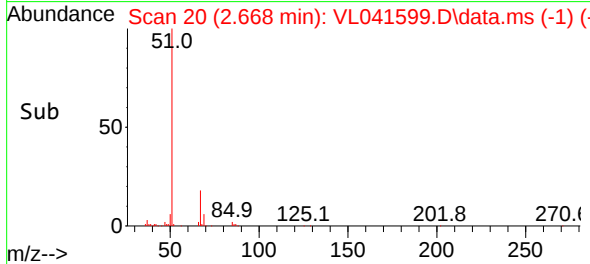
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



Tgt Ion: 51 Resp: 1323860
Ion Ratio Lower Upper
51 100
67 17.3 14.1 21.1

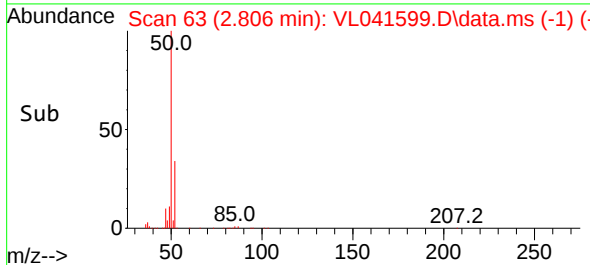
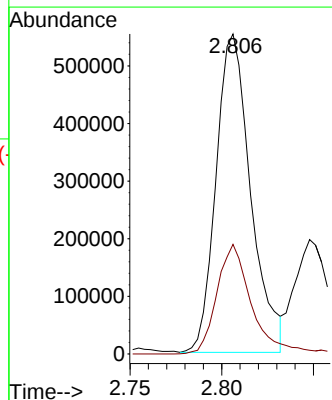
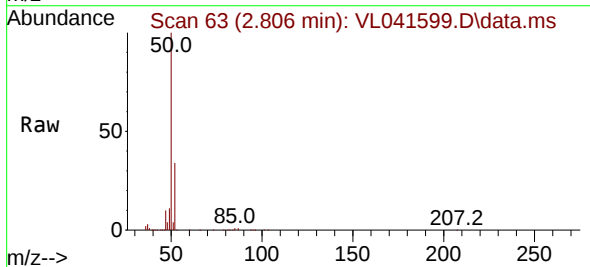
Manual Integrations
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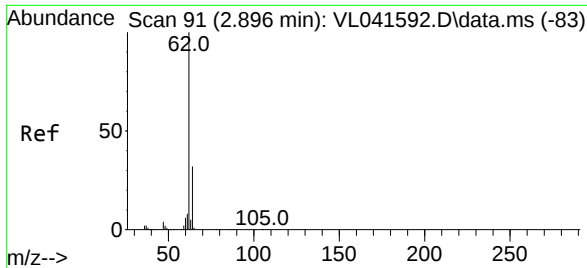
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#4
Chloromethane
Concen: 8.966 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.016 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

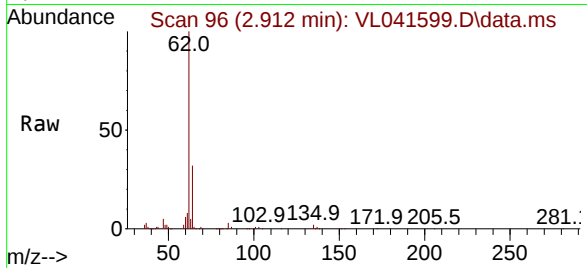
Tgt Ion: 50 Resp: 724772
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.2





#5
 Vinyl Chloride
 Concen: 10.111 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.016 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

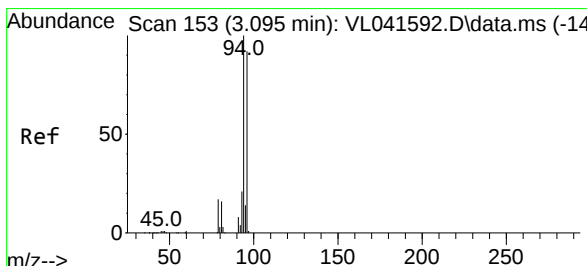
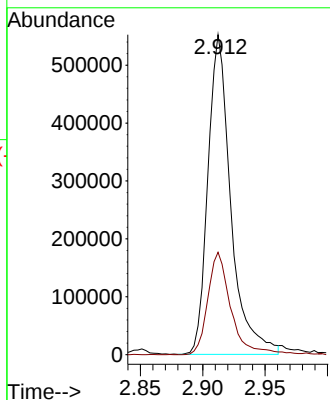
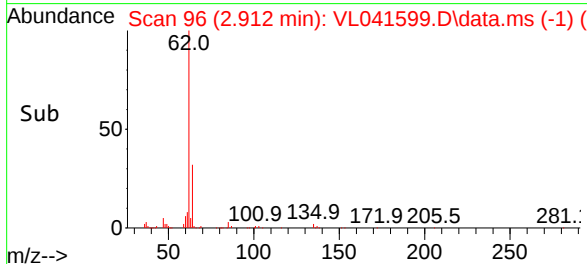
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091624



Tgt Ion: 62 Resp: 707659
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.0 39.0

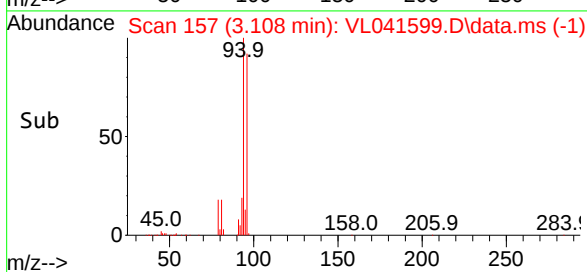
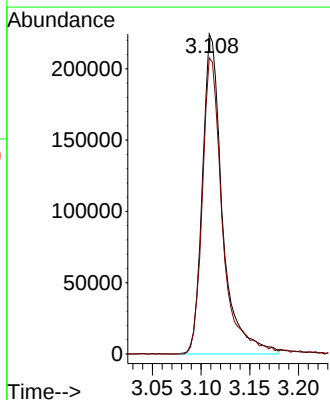
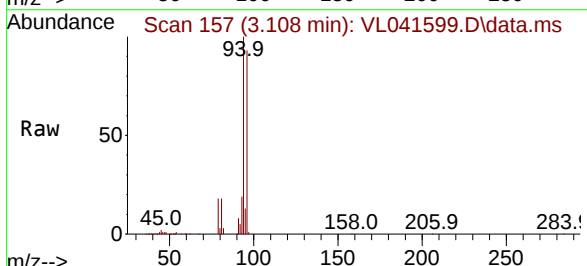
Manual Integrations
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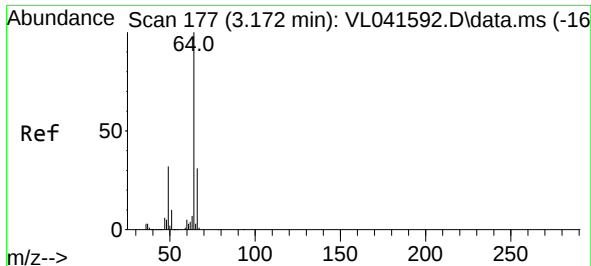
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#6
 Bromomethane
 Concen: 9.168 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.013 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

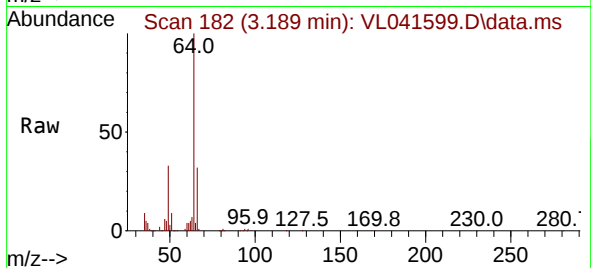
Tgt Ion: 94 Resp: 319232
 Ion Ratio Lower Upper
 94 100
 96 92.5 73.4 110.2





#7
Chloroethane
Concen: 9.251 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

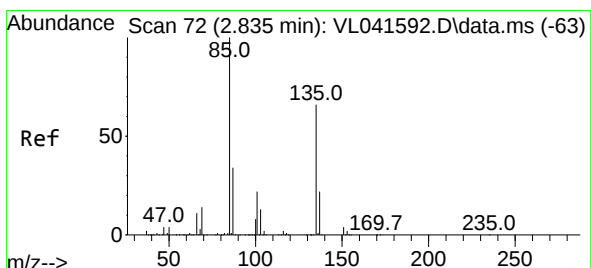
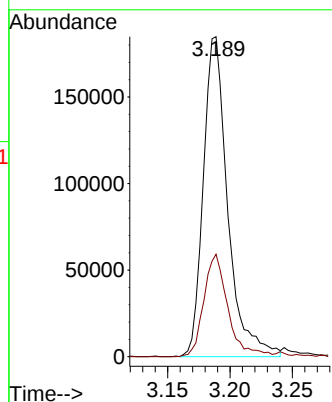
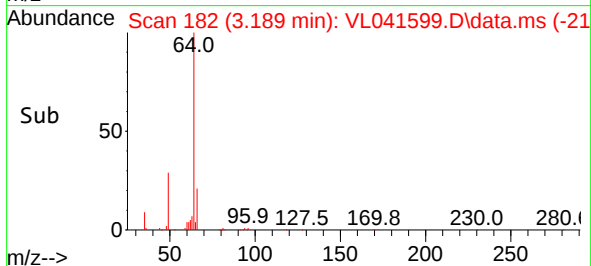
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



Tgt Ion: 64 Resp: 25182
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7

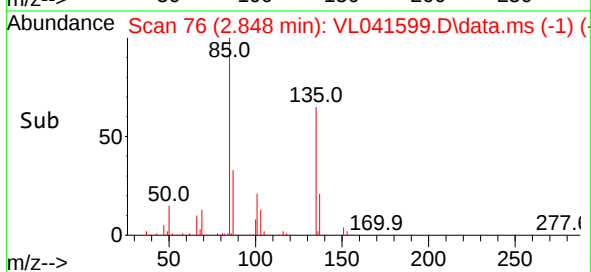
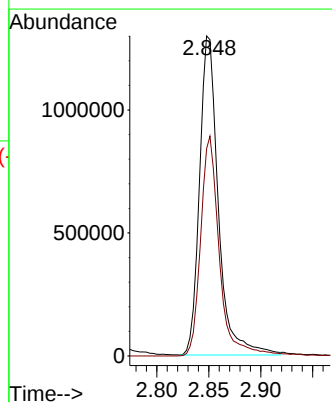
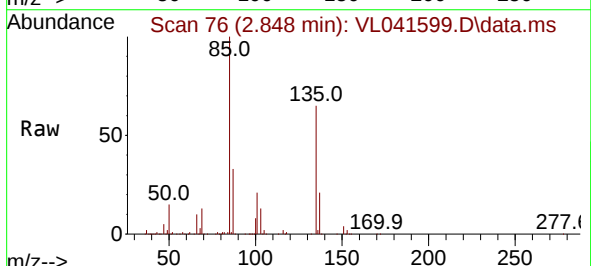
Manual Integrations
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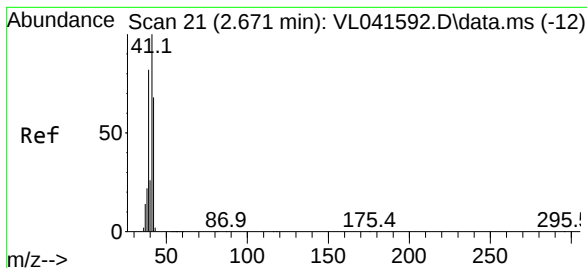
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#8
Dichlorotetrafluoroethane
Concen: 8.941 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 85 Resp: 1641100
Ion Ratio Lower Upper
85 100
135 69.0 53.9 80.9





#9

Propene

Concen: 10.338 ppbv

RT: 2.687 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041599.D

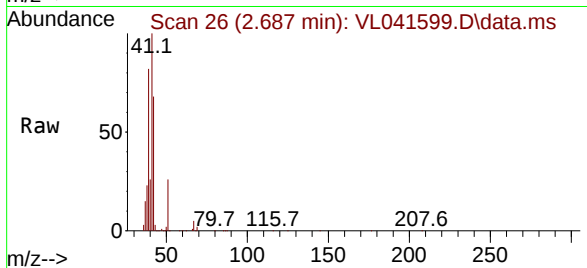
Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624



Tgt Ion: 41 Resp: 640849

Ion Ratio Lower Upper

41 100

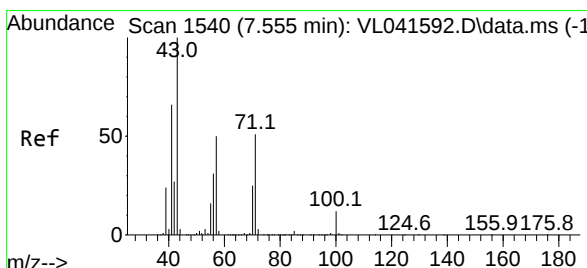
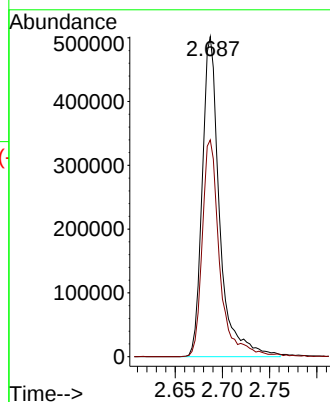
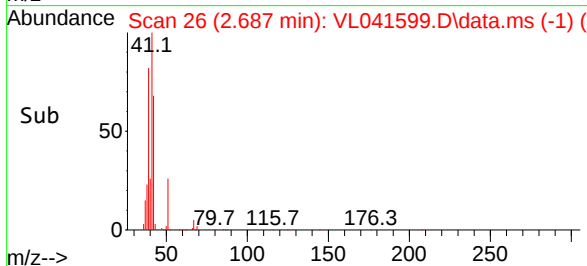
42 68.8 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#10

Heptane

Concen: 10.420 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. 0.010 min

Lab File: VL041599.D

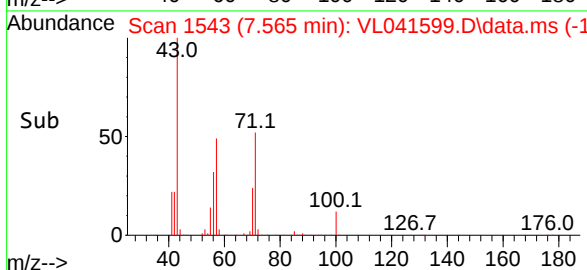
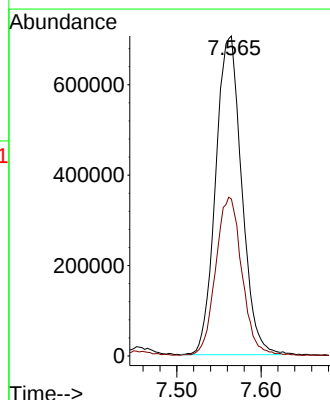
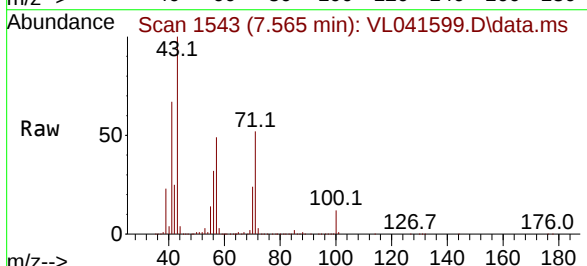
Acq: 16 Sep 2024 18:46

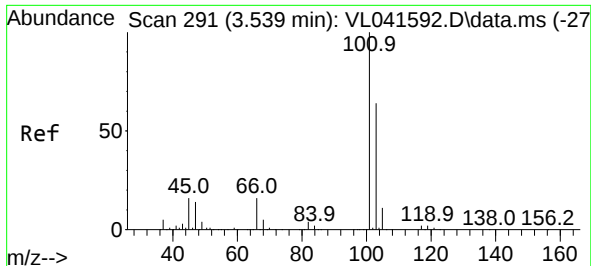
Tgt Ion: 43 Resp: 1512434

Ion Ratio Lower Upper

43 100

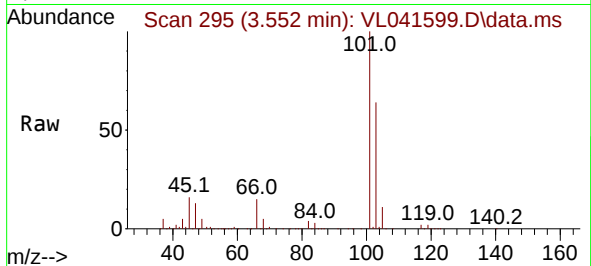
57 49.9 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 8.875 ppbv
 RT: 3.552 min Scan# 291
 Delta R.T. 0.013 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

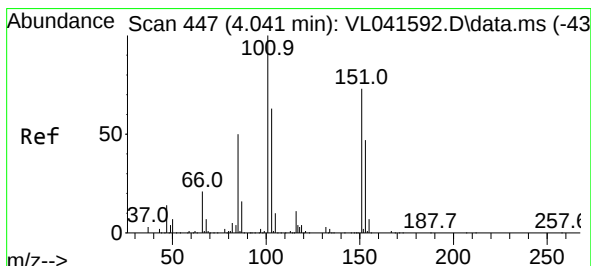
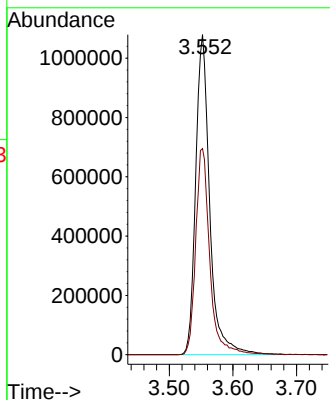
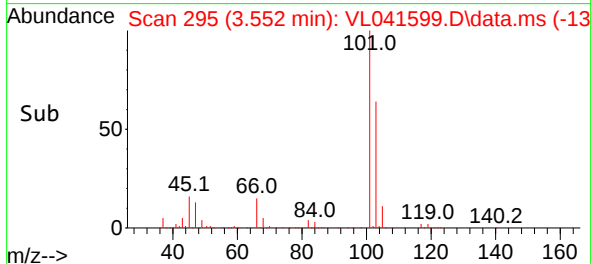
Instrument : MSVOA_L
 ClientSampleId : ICVVL091624



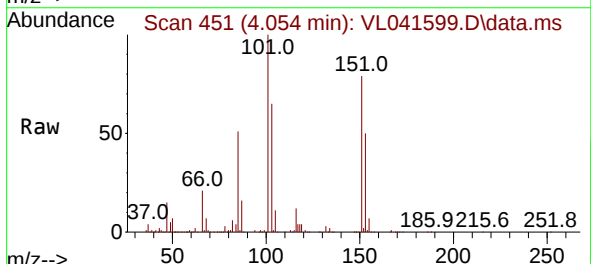
Tgt Ion:101 Resp: 1652570
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.2 76.8

Manual Integrations
 APPROVED

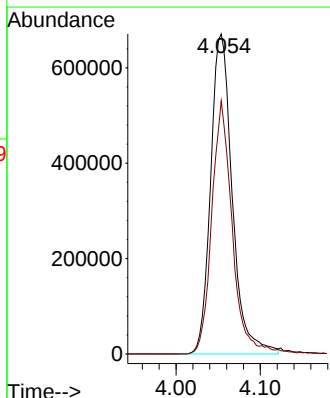
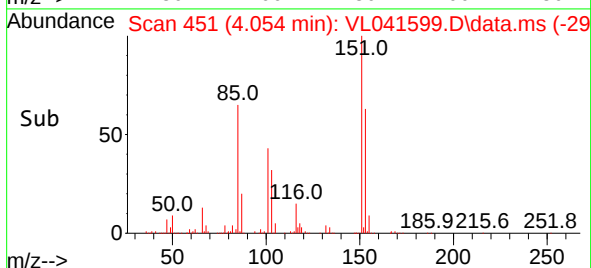
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

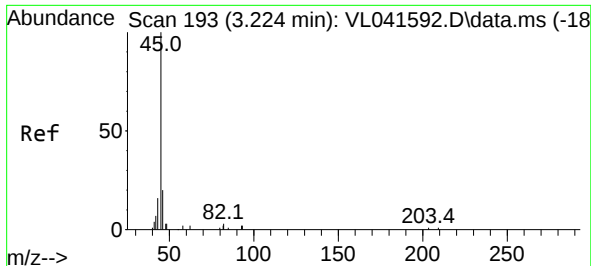


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.877 ppbv
 RT: 4.054 min Scan# 451
 Delta R.T. 0.013 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46



Tgt Ion:101 Resp: 1197204
 Ion Ratio Lower Upper
 101 100
 151 75.2 59.4 89.2





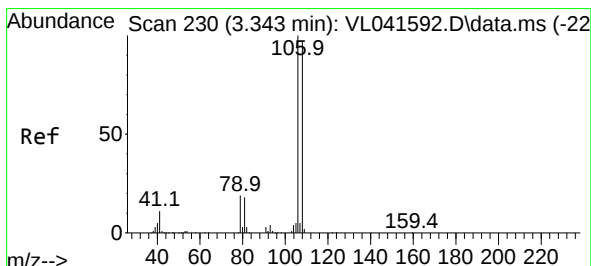
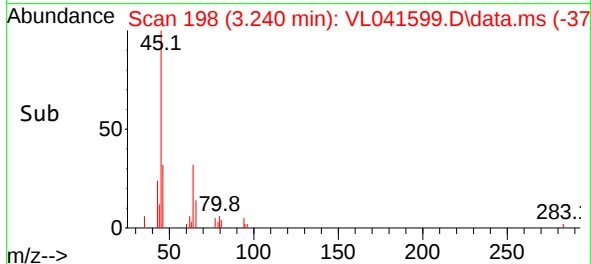
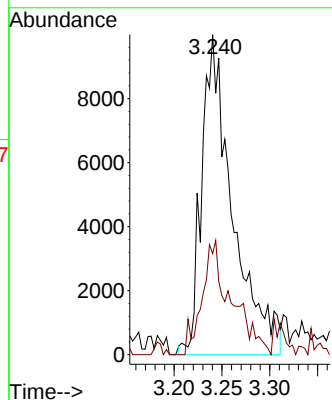
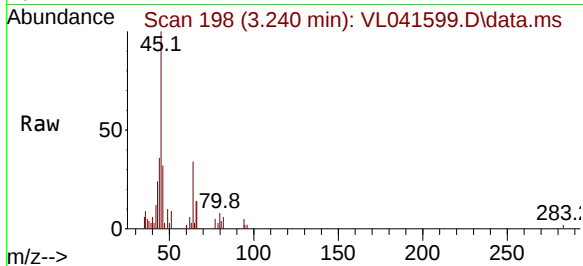
#13
Ethanol
Concen: 4.816 ppbv m
RT: 3.240 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Tgt Ion: 45 Resp: 2244
Ion Ratio Lower Upper
45 100
46 37.5 15.2 60.8

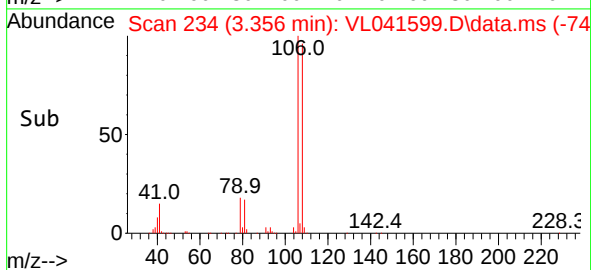
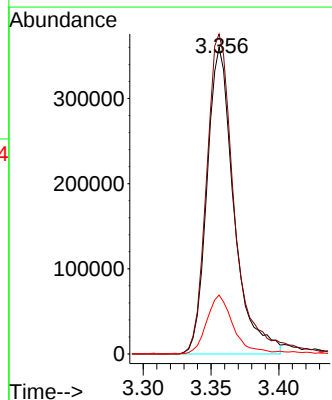
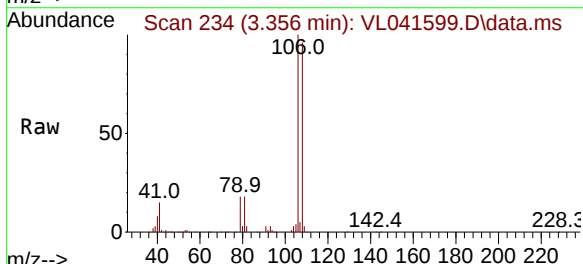
Manual Integrations
APPROVED

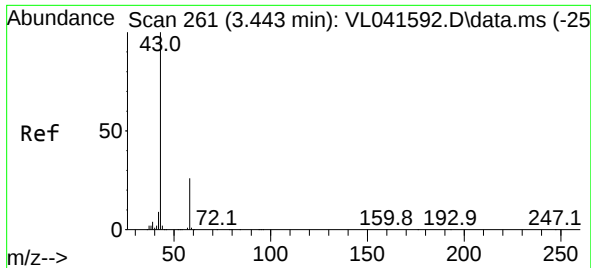
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#14
Bromoethene
Concen: 9.732 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

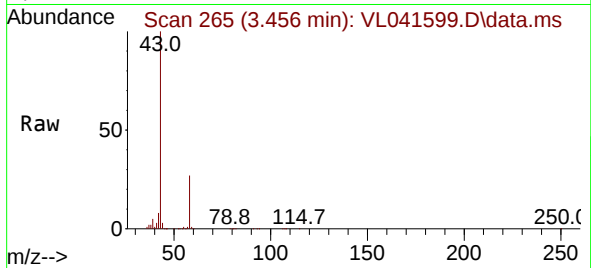
Tgt Ion:108 Resp: 497665
Ion Ratio Lower Upper
108 100
106 109.8 86.5 129.7
79 19.9 16.2 24.4





#15
Acetone
Concen: 8.124 ppbv
RT: 3.456 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

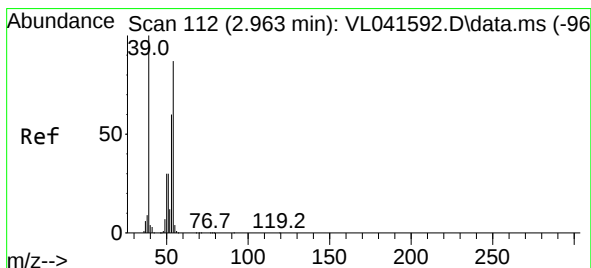
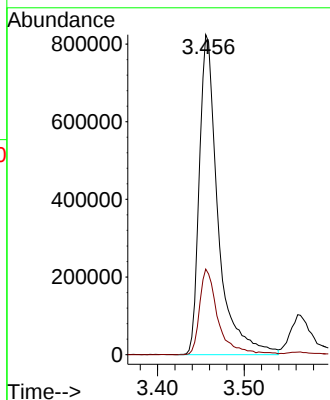
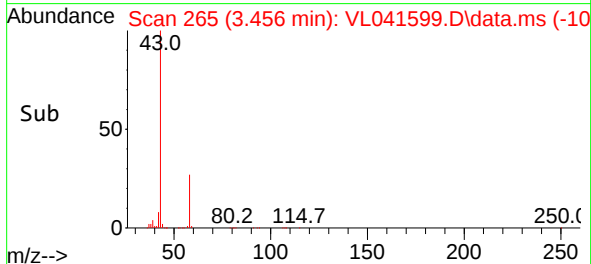
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



Tgt Ion: 43 Resp: 1235854
Ion Ratio Lower Upper
43 100
58 26.6 21.5 32.3

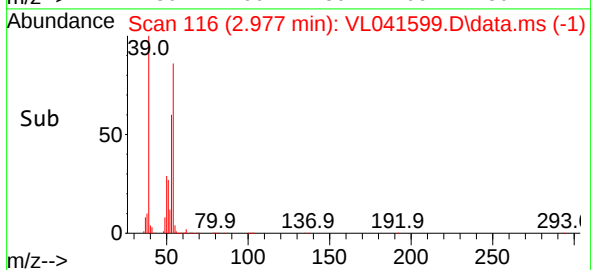
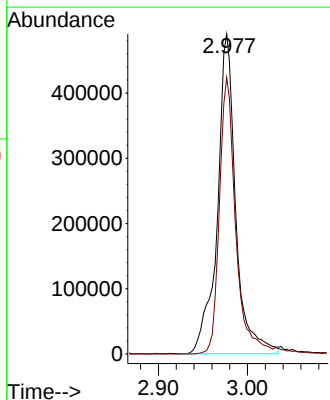
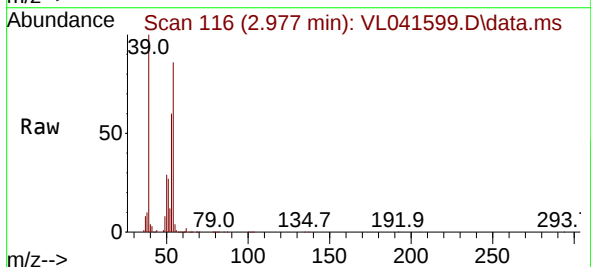
Manual Integrations
APPROVED

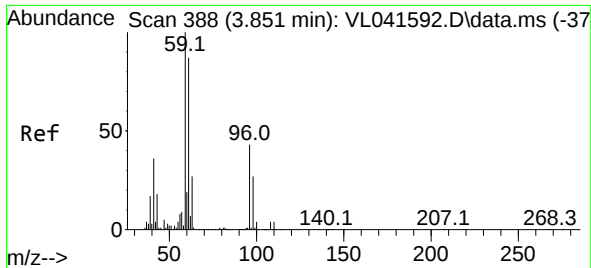
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#16
1,3-Butadiene
Concen: 9.574 ppbv
RT: 2.977 min Scan# 116
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 39 Resp: 708349
Ion Ratio Lower Upper
39 100
54 77.8 62.9 94.3





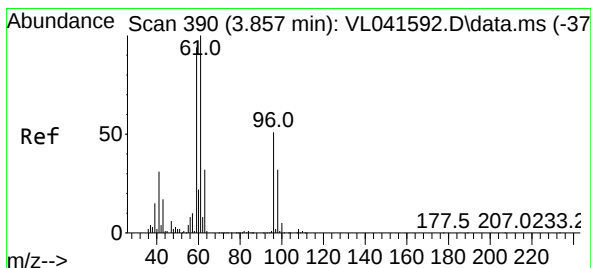
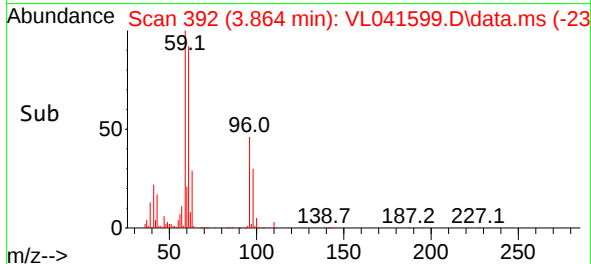
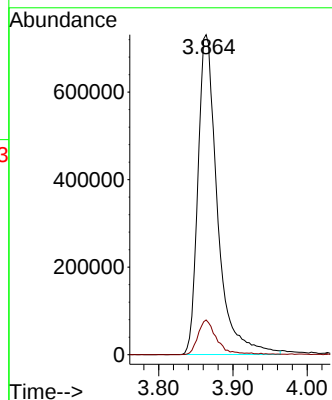
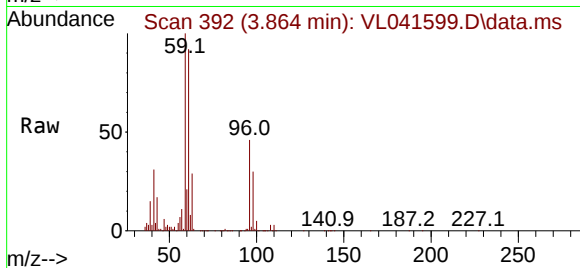
#17
tert-Butyl alcohol
Concen: 10.002 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Tgt Ion: 59 Resp: 133812
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

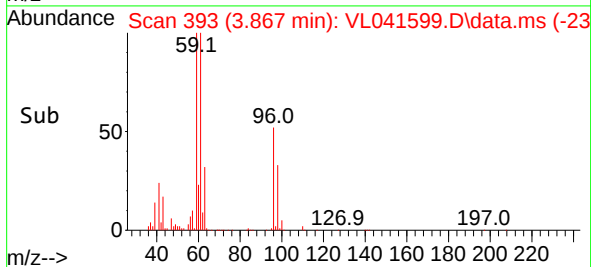
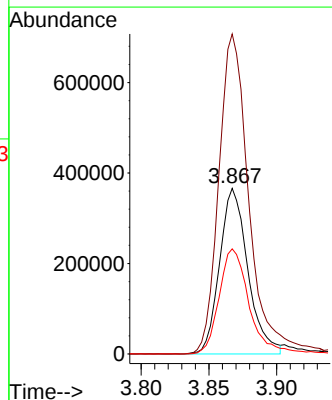
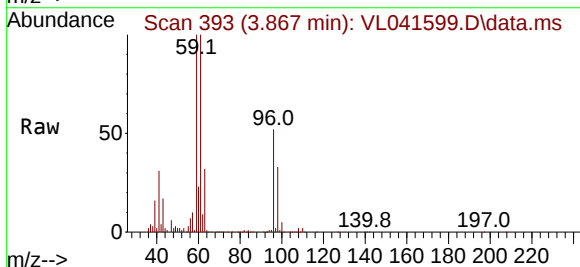
Manual Integrations
APPROVED

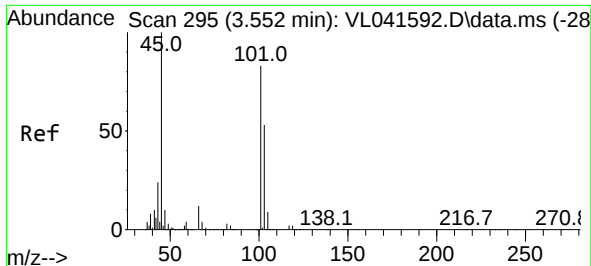
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#18
1,1-Dichloroethene
Concen: 9.314 ppbv
RT: 3.867 min Scan# 393
Delta R.T. 0.010 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 96 Resp: 531734
Ion Ratio Lower Upper
96 100
61 193.2 155.6 233.4
98 63.5 50.6 75.8





#19

Isopropyl Alcohol

Concen: 8.720 ppbv

RT: 3.562 min Scan# 295

Delta R.T. 0.010 min

Lab File: VL041599.D

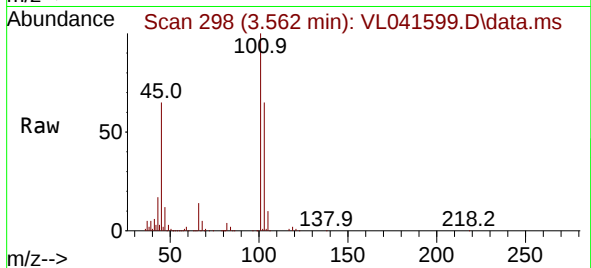
Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624



Tgt Ion: 45 Resp: 67901

Ion Ratio Lower Upper

45 100

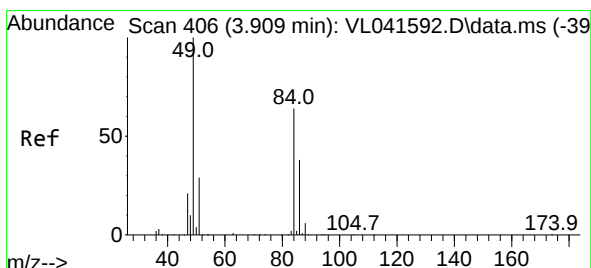
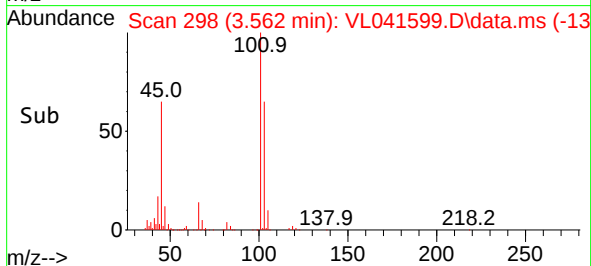
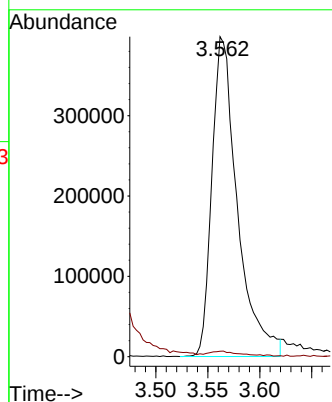
58 3.1 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#20

Methylene Chloride

Concen: 7.830 ppbv

RT: 3.919 min Scan# 409

Delta R.T. 0.010 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion: 84 Resp: 447442

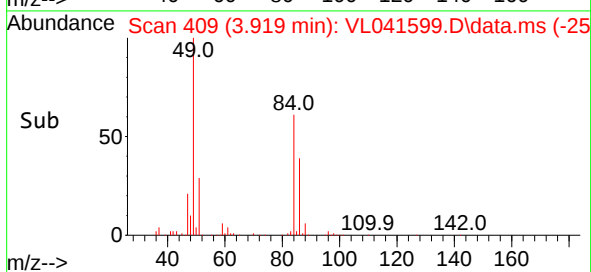
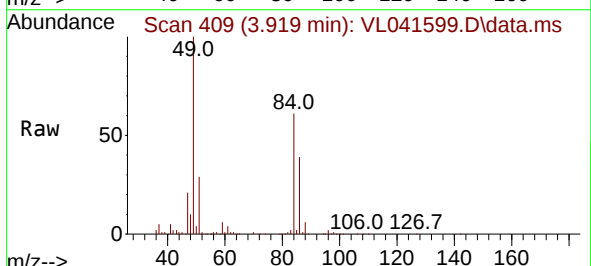
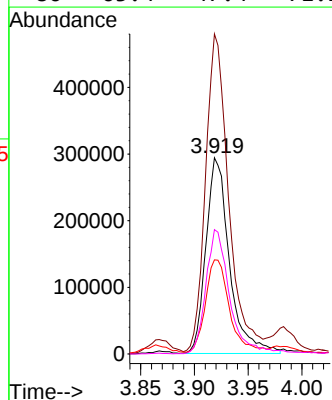
Ion Ratio Lower Upper

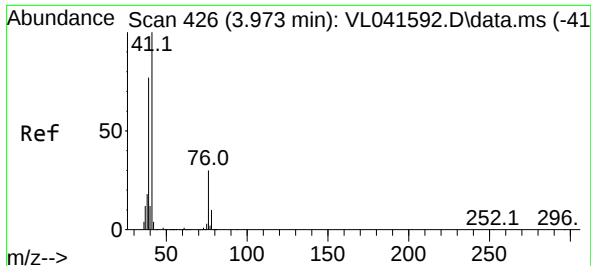
84 100

49 161.6 124.3 186.5

51 47.0 36.3 54.5

86 63.4 47.4 71.2





#21

Allyl Chloride

Concen: 9.870 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041599.D

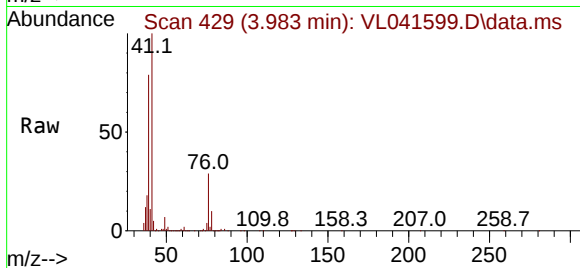
Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624

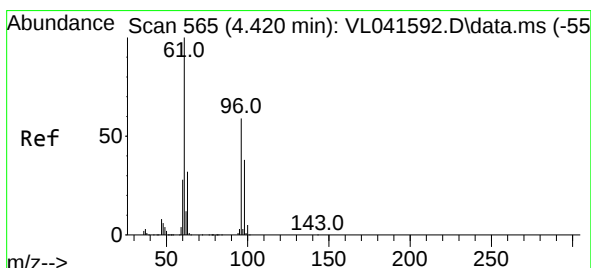
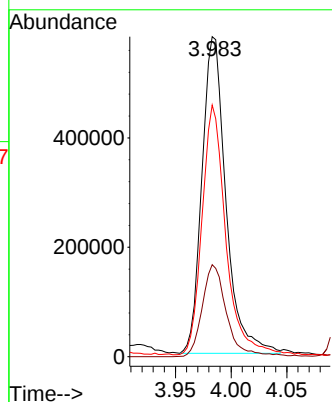
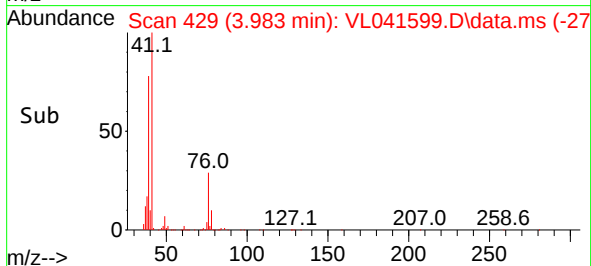


Tgt Ion:	41	Resp:	870229
Ion Ratio	100	Lower	Upper
76	29.5	23.8	35.6
39	79.7	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#22

trans-1,2-Dichloroethene

Concen: 9.561 ppbv

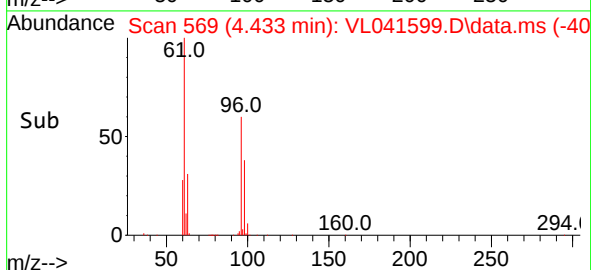
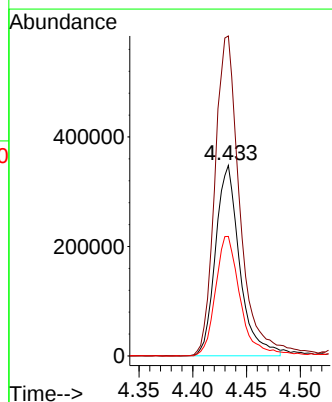
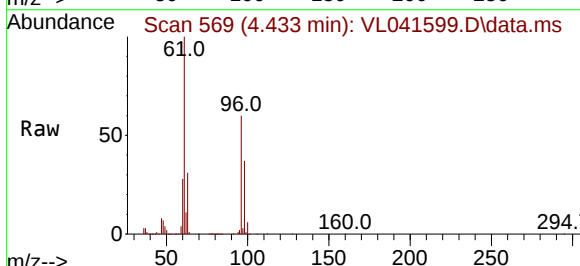
RT: 4.433 min Scan# 569

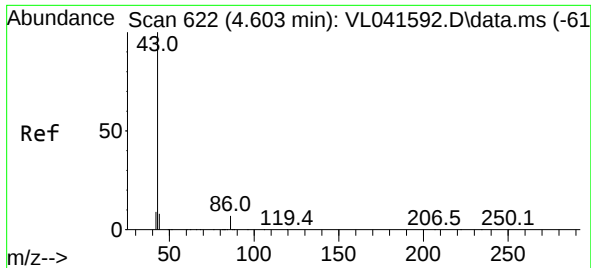
Delta R.T. 0.013 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion:	96	Resp:	544525
Ion Ratio	100	Lower	Upper
61	168.0	135.7	203.5
98	62.8	50.9	76.3





#23
 Vinyl Acetate
 Concen: 10.516 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

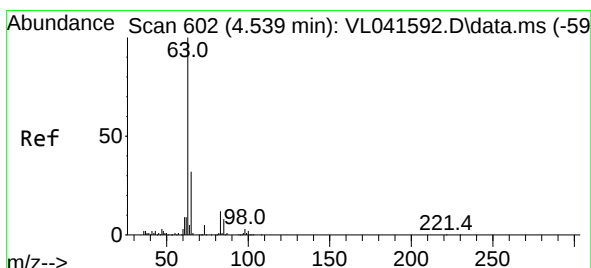
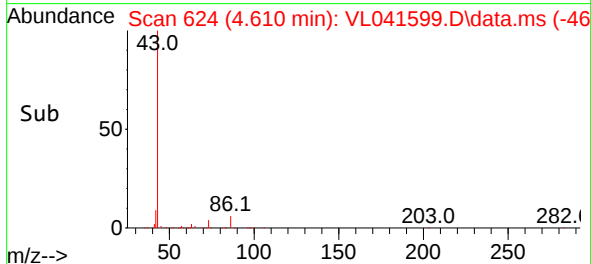
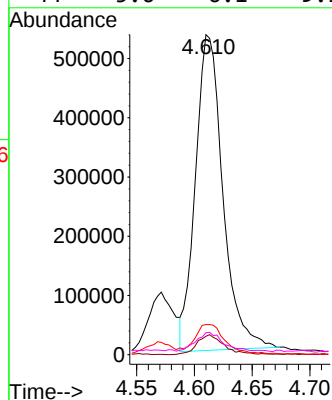
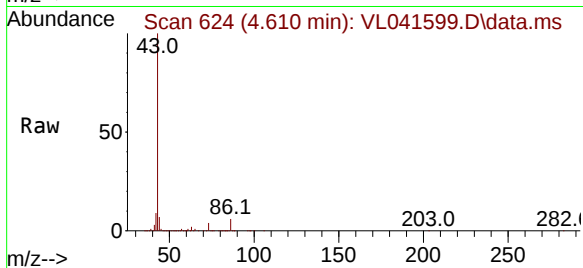
ICVVL091624

Tgt Ion: 43 Resp: 879864
 Ion Ratio Lower Upper
 43 100
 86 5.7 4.9 7.3
 42 9.3 8.0 12.0
 44 5.6 6.1 9.1#

Manual Integrations

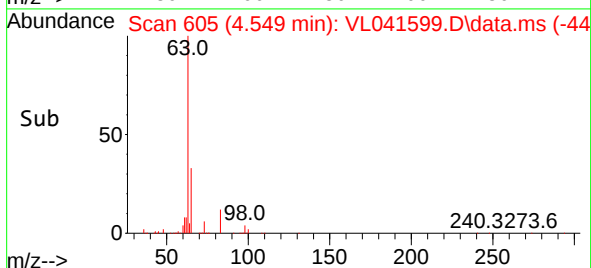
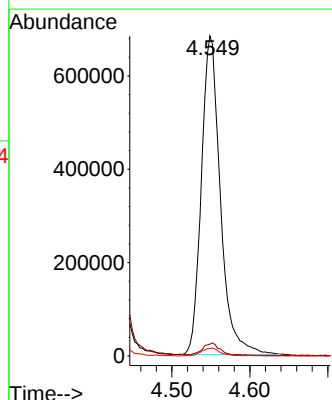
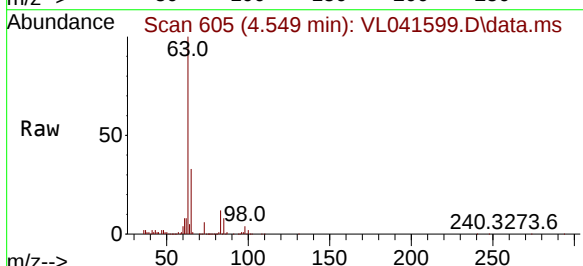
APPROVED

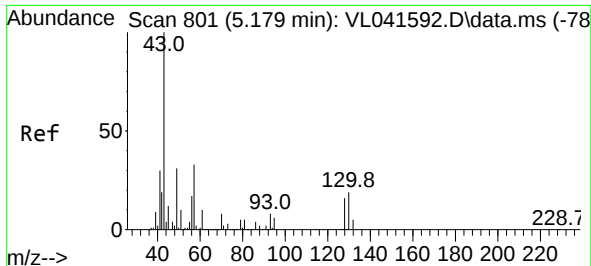
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#24
 1,1-Dichloroethane
 Concen: 9.204 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.010 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

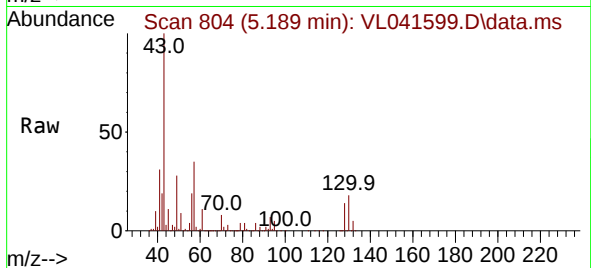
Tgt Ion: 63 Resp: 1155920
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.7 5.1
 100 2.3 1.1 3.3





#25
Ethyl Acetate
Concen: 10.092 ppbv
RT: 5.189 min Scan# 801
Delta R.T. 0.010 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

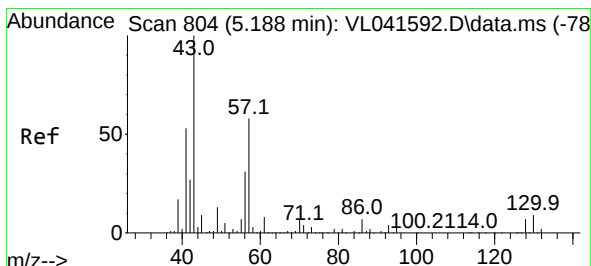
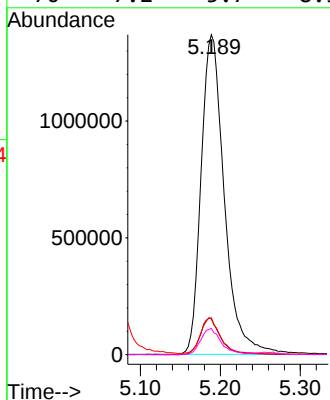
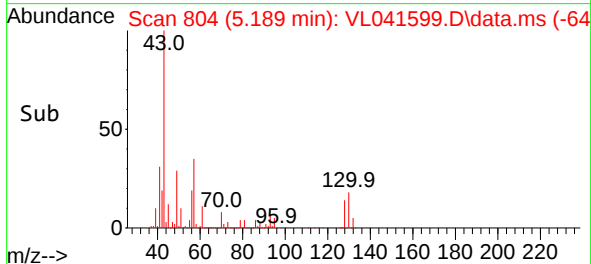
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



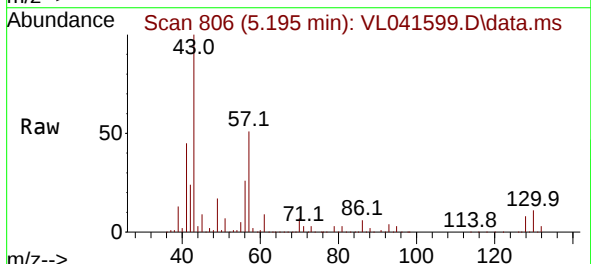
Tgt Ion: 43 Resp: 275600
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 10.5 8.0 12.0
70 7.2 5.7 8.5

Manual Integrations
APPROVED

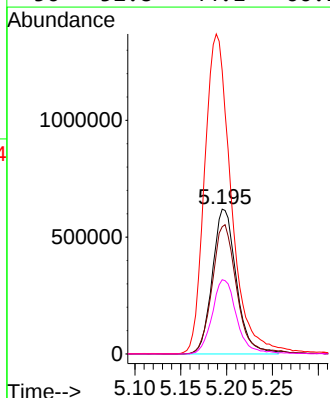
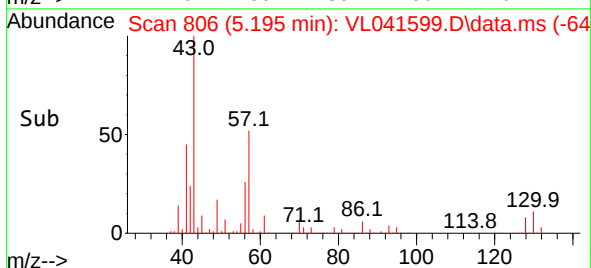
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

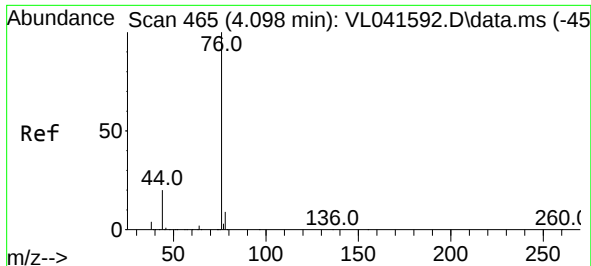


#26
Hexane
Concen: 9.917 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



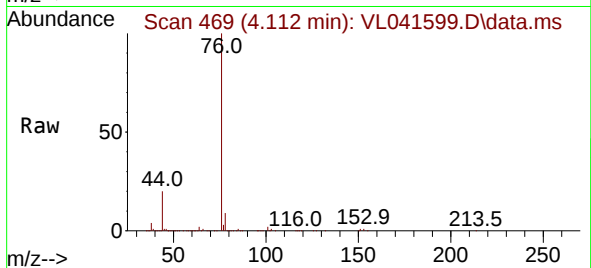
Tgt Ion: 57 Resp: 1129442
Ion Ratio Lower Upper
57 100
41 92.1 75.7 113.5
43 246.9 198.5 297.7
56 52.8 44.1 66.1





#27
Carbon Disulfide
Concen: 10.753 ppbv
RT: 4.112 min Scan# 401
Delta R.T. 0.013 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

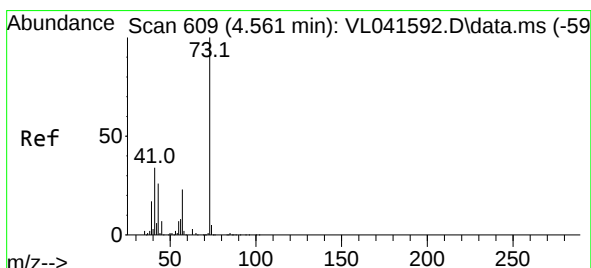
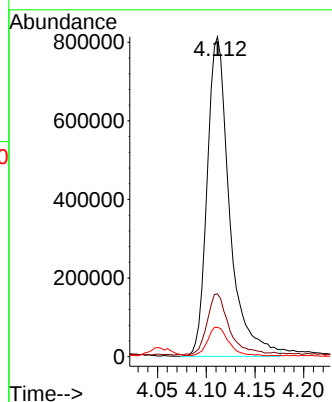
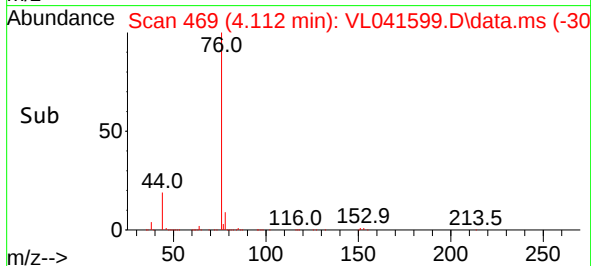
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



Tgt Ion: 76 Resp: 1301729
Ion Ratio Lower Upper
76 100
44 20.2 15.8 23.8
78 9.1 7.5 11.3

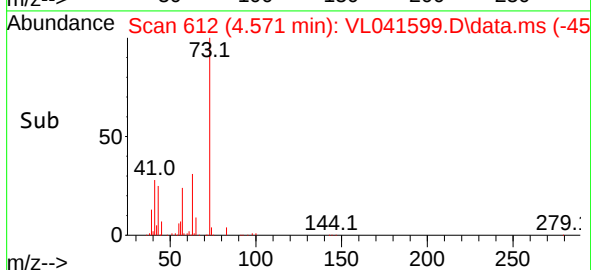
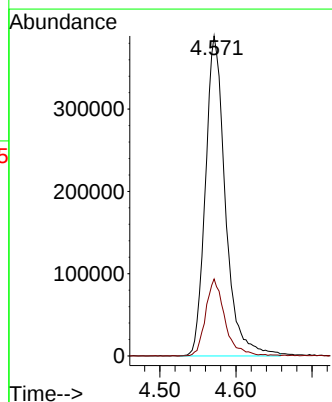
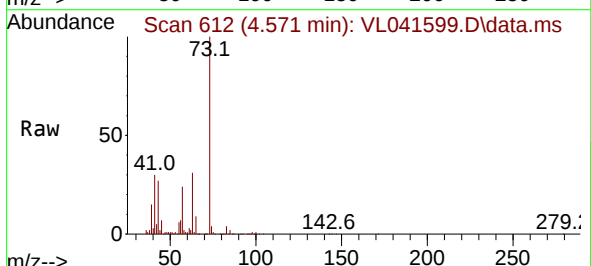
Manual Integrations
APPROVED

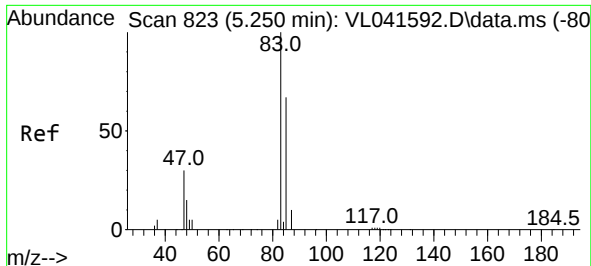
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#28
Methyl tert-Butyl Ether
Concen: 10.087 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.010 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 73 Resp: 708243
Ion Ratio Lower Upper
73 100
57 23.6 19.3 28.9





#29

Chloroform

Concen: 9.084 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624

Tgt Ion: 83 Resp: 169287

Ion Ratio Lower Upper

83 100

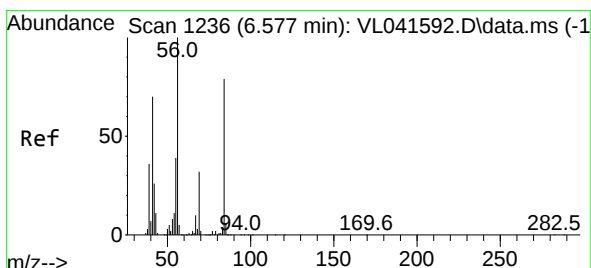
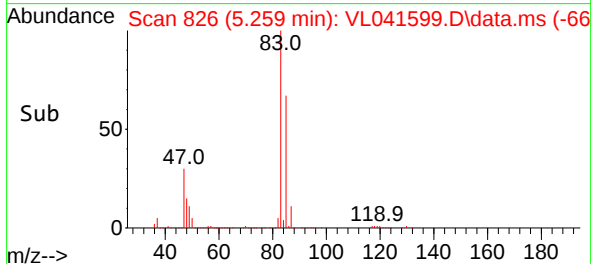
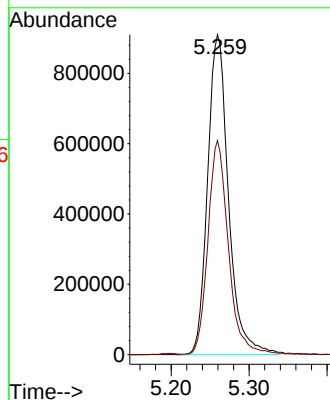
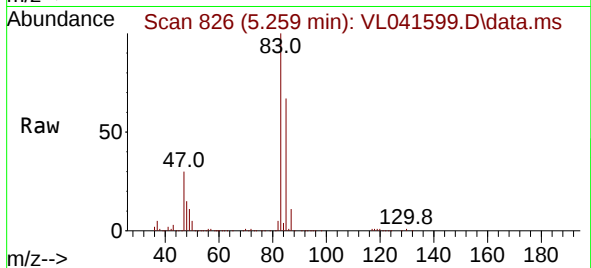
85 66.8 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#30

Cyclohexane

Concen: 10.706 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.010 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

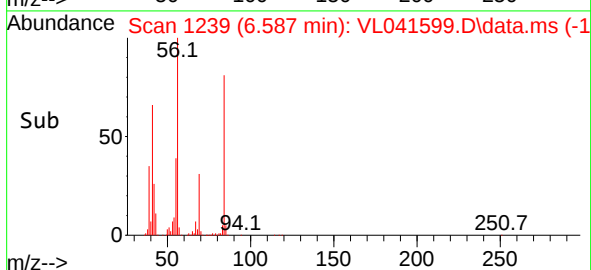
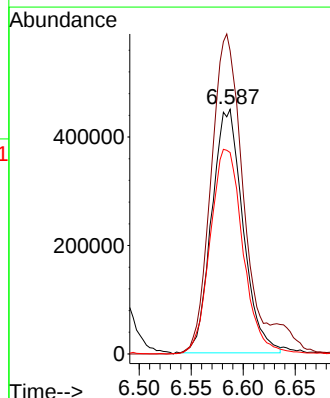
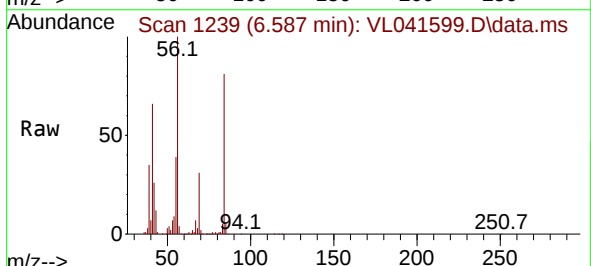
Tgt Ion: 84 Resp: 939832

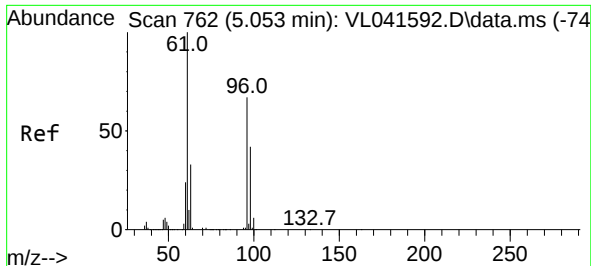
Ion Ratio Lower Upper

84 100

56 142.1 111.5 167.3

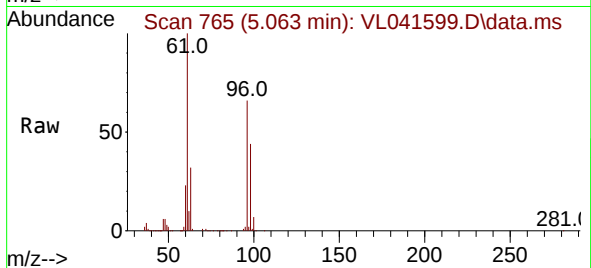
41 88.1 70.9 106.3





#31
cis-1,2-Dichloroethene
Concen: 10.261 ppbv
RT: 5.063 min Scan# 762
Delta R.T. 0.010 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

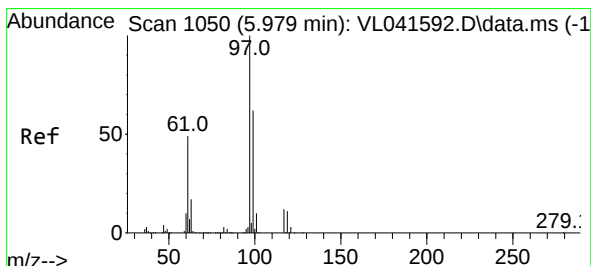
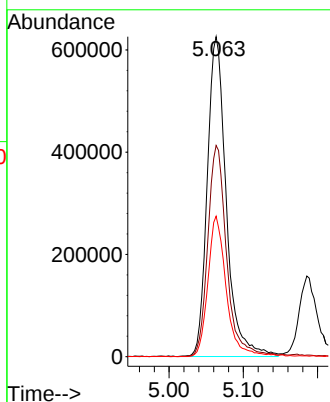
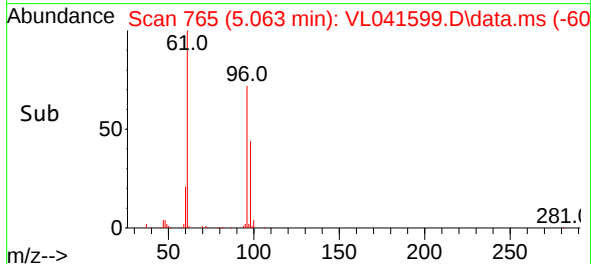
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



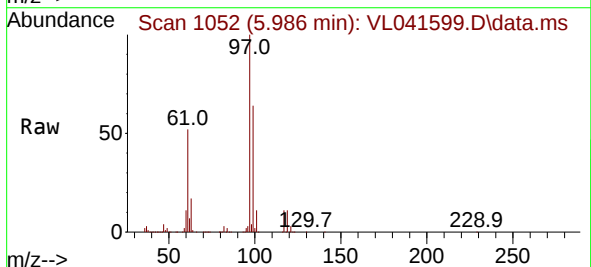
Tgt Ion: 61 Resp: 1109424
Ion Ratio Lower Upper
61 100
96 66.0 53.5 80.3
98 43.9 33.7 50.5

Manual Integrations
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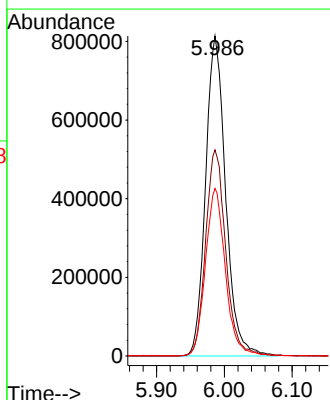
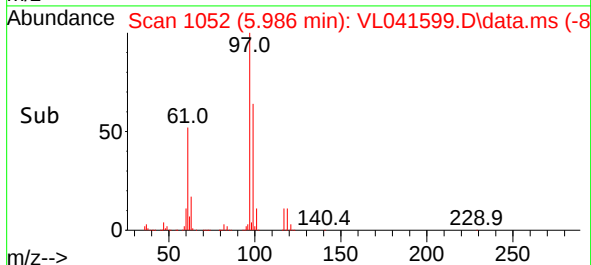
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

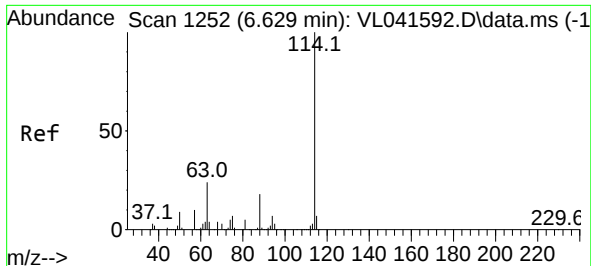


#32
1,1,1-Trichloroethane
Concen: 10.071 ppbv
RT: 5.986 min Scan# 1052
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



Tgt Ion: 97 Resp: 1671780
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 52.5 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 1

Delta R.T. 0.007 min

Lab File: VL041599.D

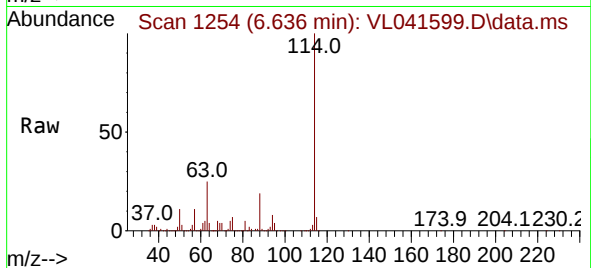
Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624



Tgt Ion:114 Resp: 330879

Ion Ratio Lower Upper

114 100

63 25.5 20.2 30.2

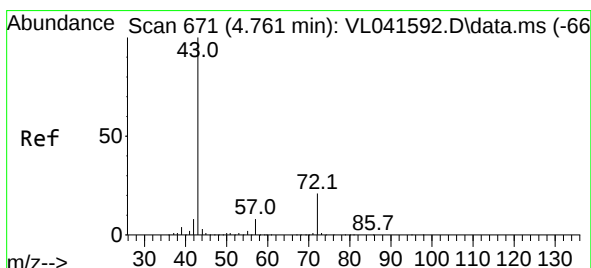
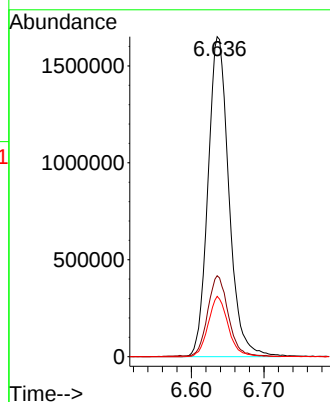
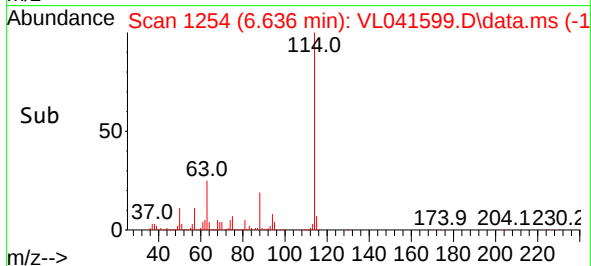
88 18.1 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#34

2-Butanone

Concen: 10.110 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.010 min

Lab File: VL041599.D

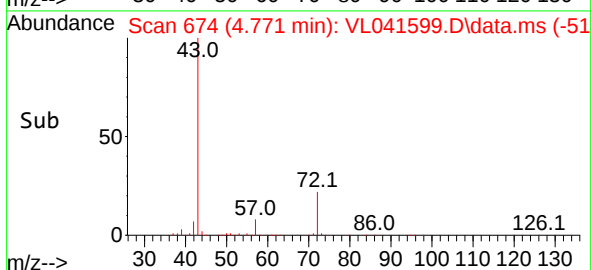
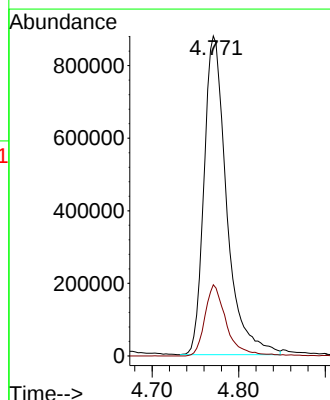
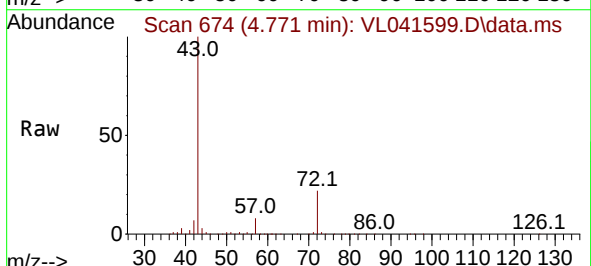
Acq: 16 Sep 2024 18:46

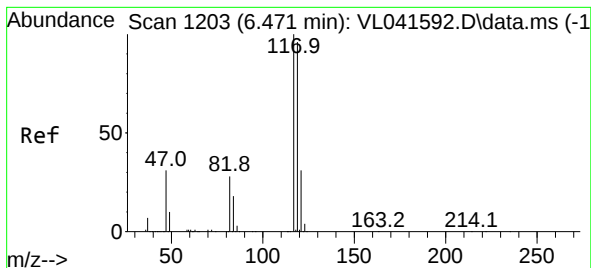
Tgt Ion: 43 Resp: 1595025

Ion Ratio Lower Upper

43 100

72 21.4 16.8 25.2





#35

Carbon Tetrachloride

Concen: 10.656 ppbv

RT: 6.475 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624

Tgt Ion:117 Resp: 172997

Ion Ratio Lower Upper

117 100

119 98.1 76.8 115.2

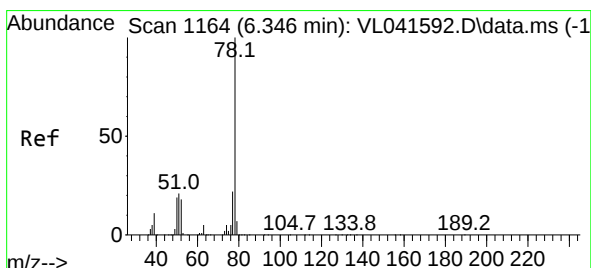
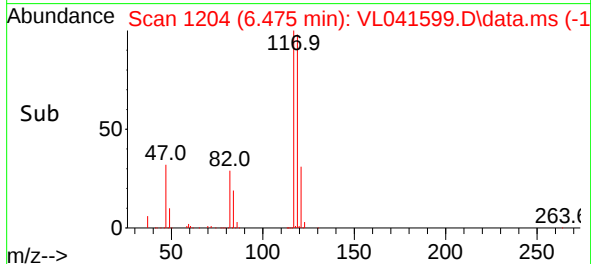
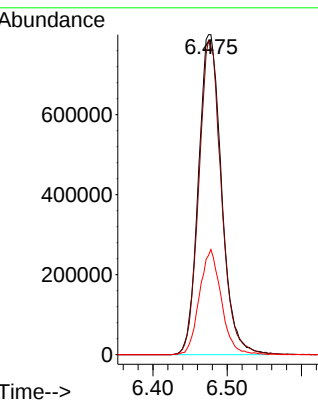
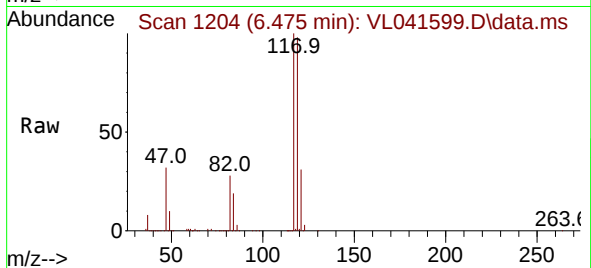
121 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#36

Benzene

Concen: 10.346 ppbv

RT: 6.353 min Scan# 1166

Delta R.T. 0.007 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

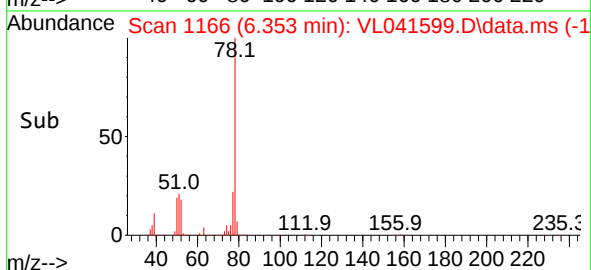
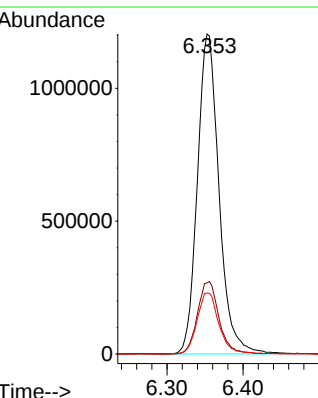
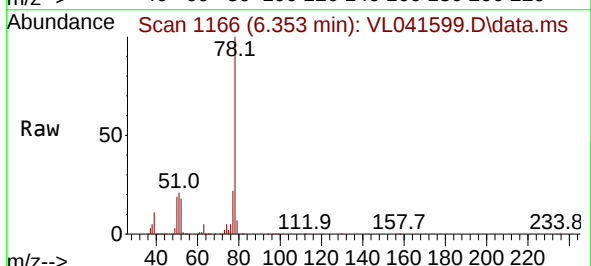
Tgt Ion: 78 Resp: 2377400

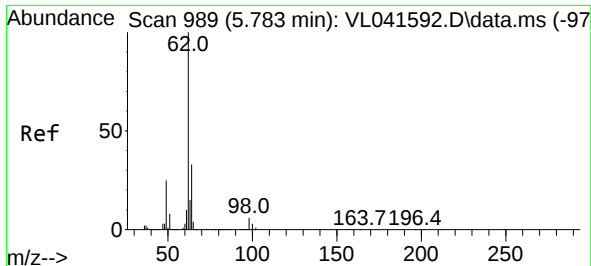
Ion Ratio Lower Upper

78 100

77 22.2 17.8 26.6

50 19.1 15.4 23.0





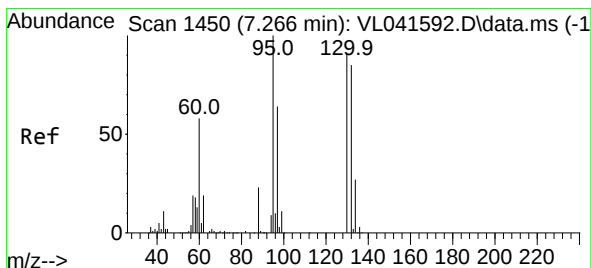
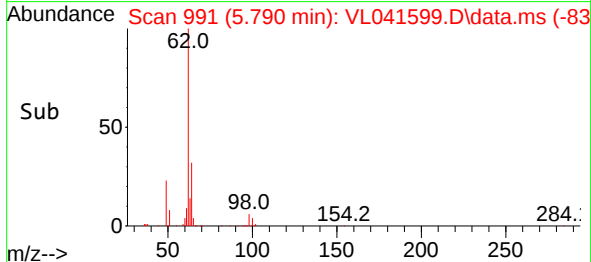
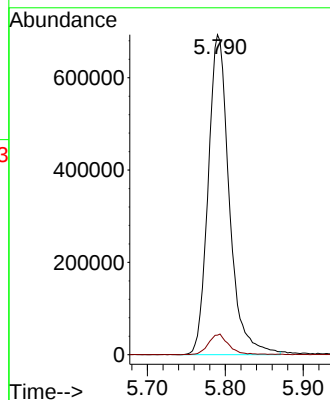
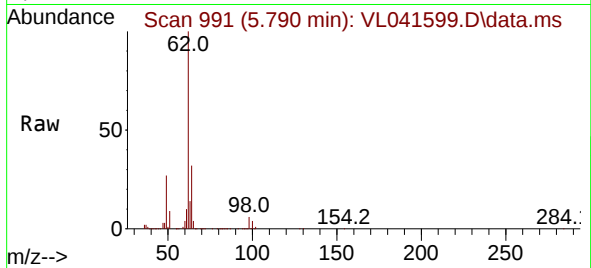
#37
1,2-Dichloroethane
Concen: 9.780 ppbv
RT: 5.790 min Scan# 989
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Tgt Ion: 62 Resp: 130396
Ion Ratio Lower Upper
62 100
98 6.3 4.8 7.2

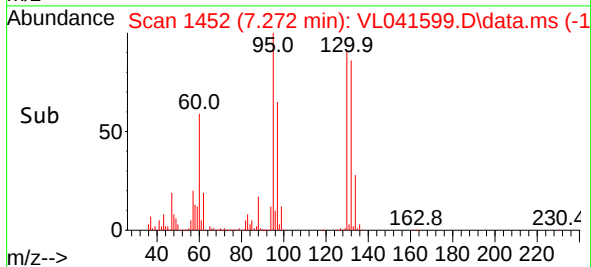
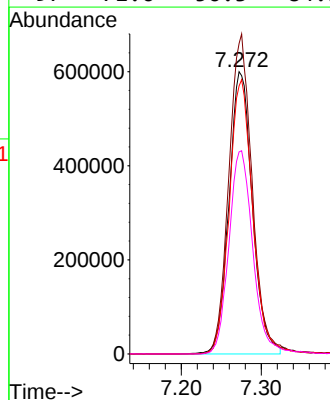
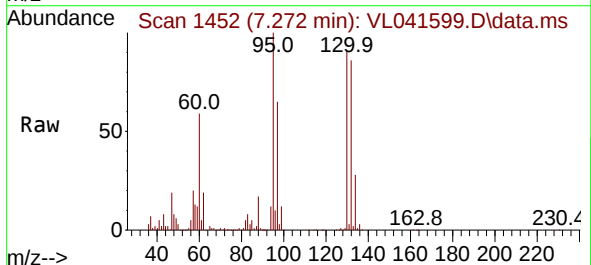
Manual Integrations
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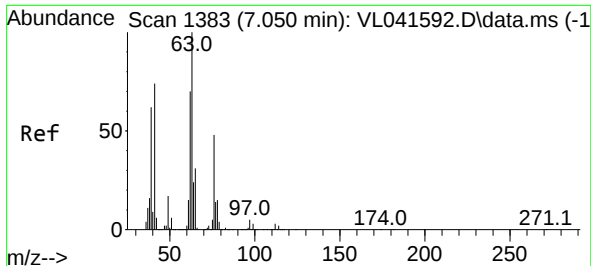
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#38
Trichloroethene
Concen: 10.316 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion:130 Resp: 1220709
Ion Ratio Lower Upper
130 100
95 109.9 87.7 131.5
132 94.9 74.5 111.7
97 71.6 56.3 84.5





#39

1,2-Dichloropropane

Concen: 9.892 ppbv

RT: 7.057 min Scan# 1451

Delta R.T. 0.007 min

Lab File: VL041599.D

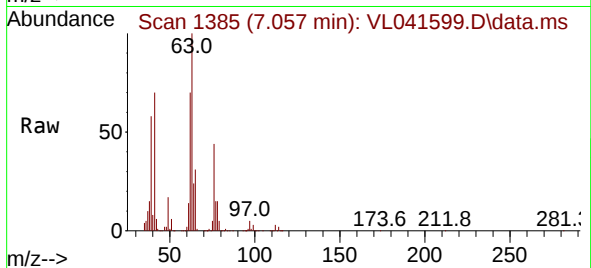
Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624



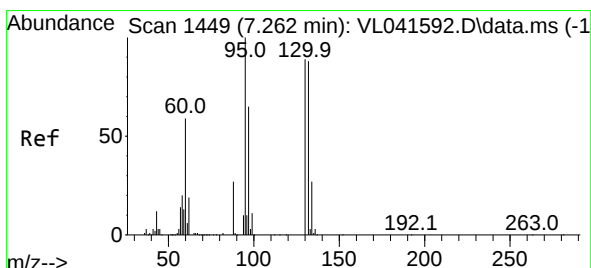
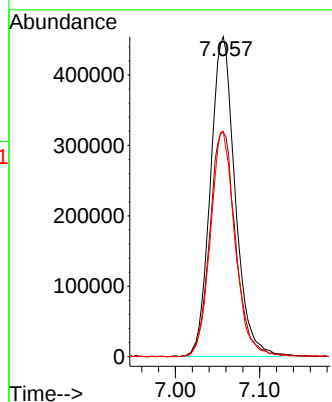
Tgt Ion: 63 Resp: 924715

Ion	Ratio	Lower	Upper
63	100		
41	70.2	59.5	89.3
62	70.5	56.2	84.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#40

1,4-Dioxane

Concen: 7.618 ppbv m

RT: 7.269 min Scan# 1451

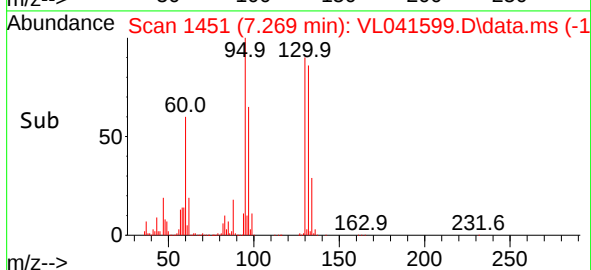
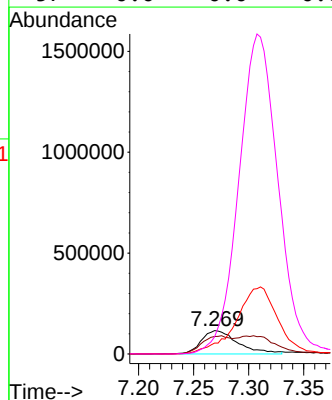
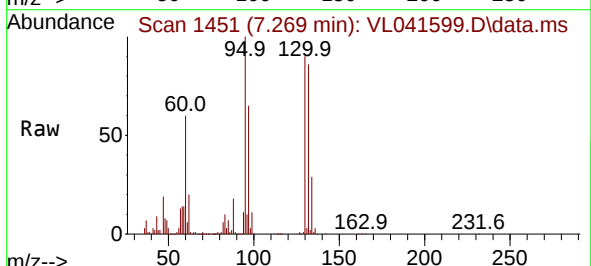
Delta R.T. 0.007 min

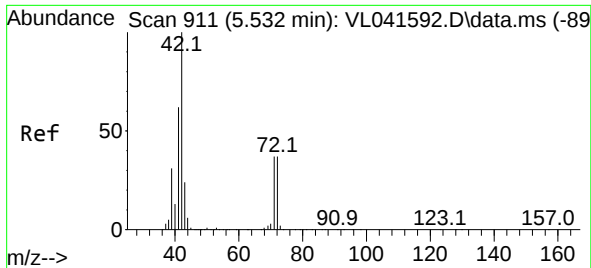
Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion: 88 Resp: 268441

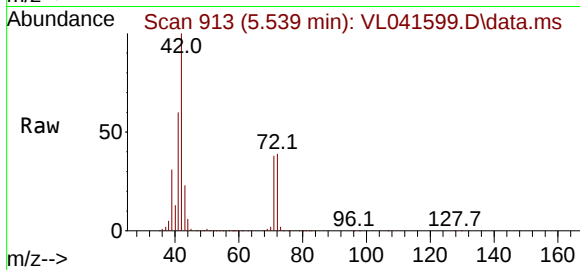
Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.2	150.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 11.494 ppbv
RT: 5.539 min Scan# 911
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

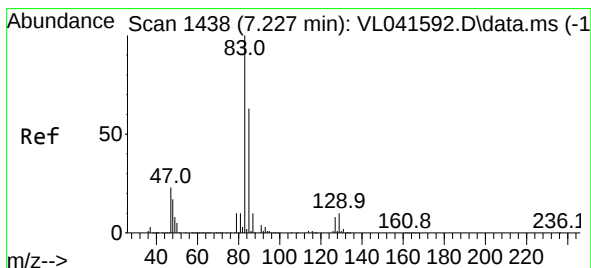
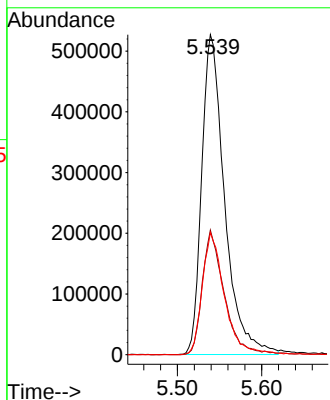
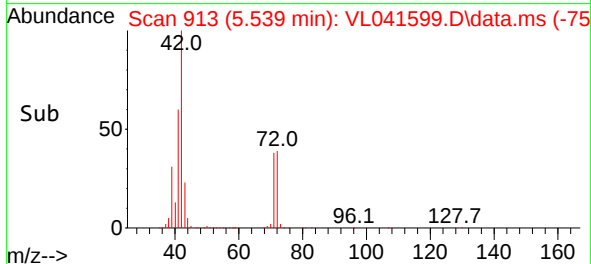
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



Tgt Ion: 42 Resp: 998000
Ion Ratio Lower Upper
42 100
72 37.6 30.2 45.2
71 37.4 29.6 44.4

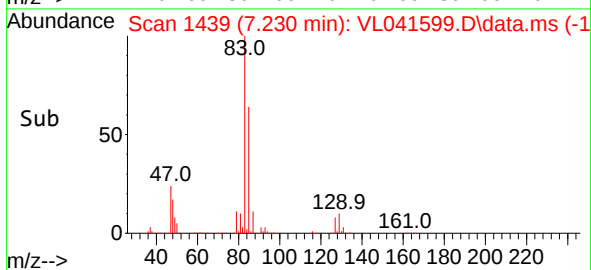
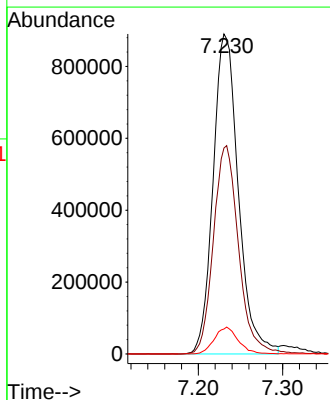
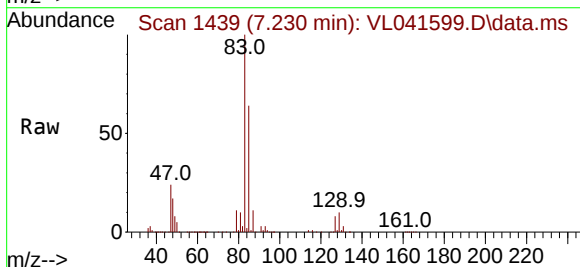
Manual Integrations
APPROVED

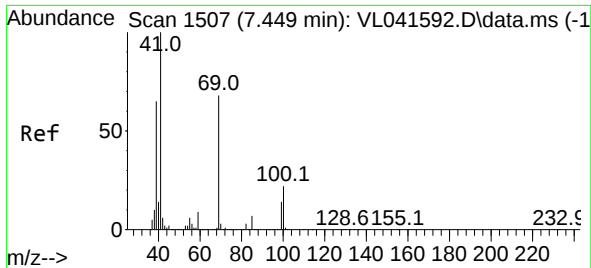
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#42
Bromodichloromethane
Concen: 9.992 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 83 Resp: 1853470
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 7.8 6.5 9.7





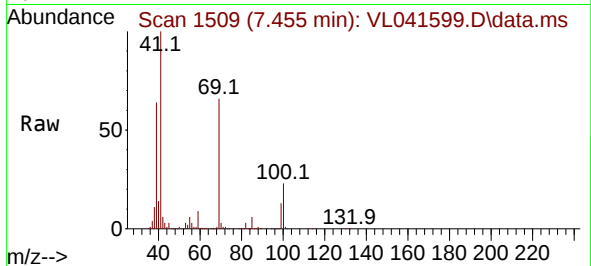
#43
Methyl Methacrylate
Concen: 11.579 ppbv
RT: 7.455 min Scan# 1509
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624

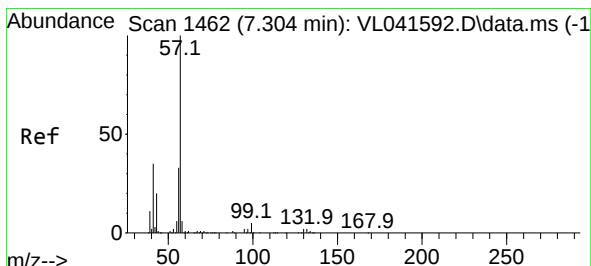
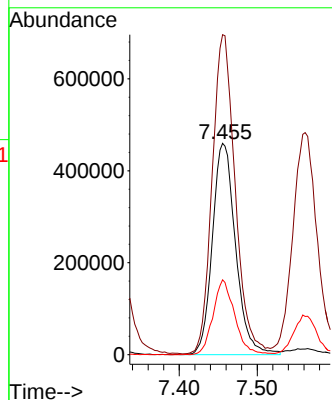
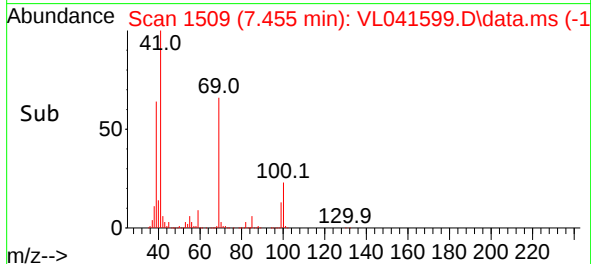


Tgt Ion: 69 Resp: 95219
Ion Ratio Lower Upper
69 100
41 149.7 121.8 182.6
100 33.0 26.5 39.7

Manual Integrations

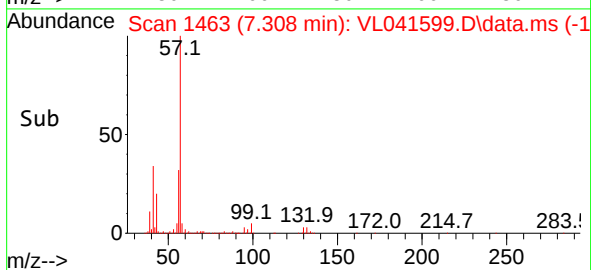
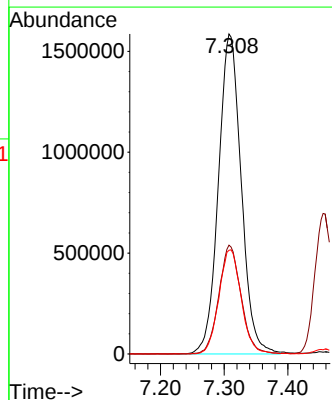
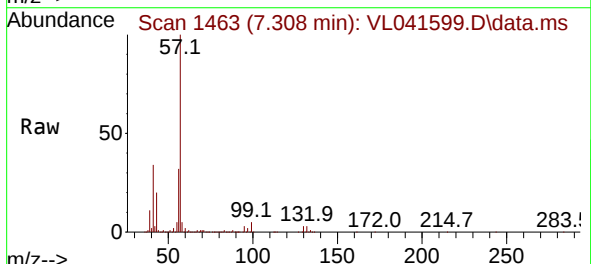
APPROVED

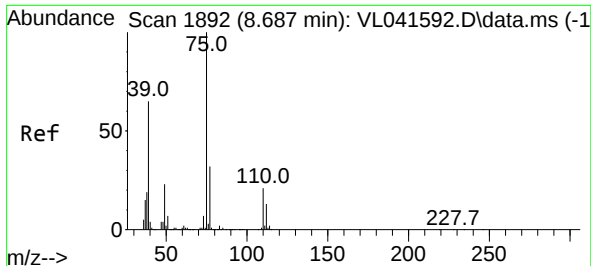
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#44
2,2,4-Trimethylpentane
Concen: 9.916 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 57 Resp: 3942109
Ion Ratio Lower Upper
57 100
41 33.1 27.0 40.6
56 32.0 25.5 38.3





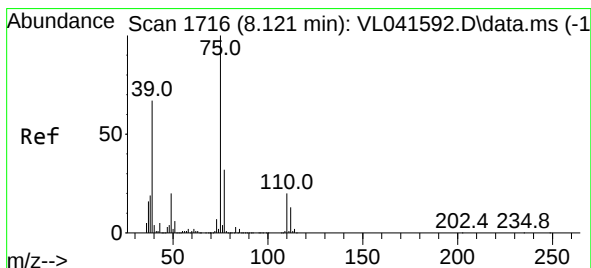
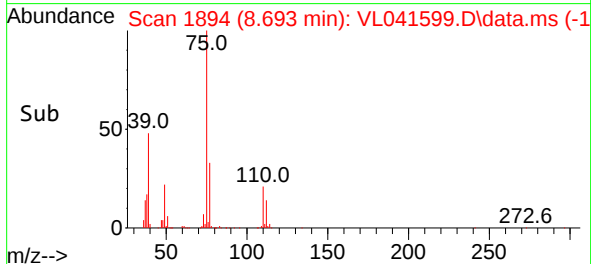
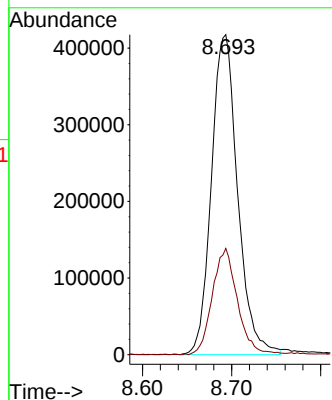
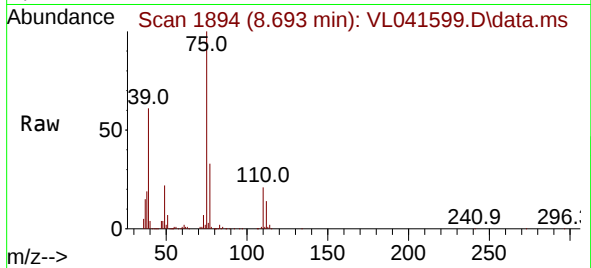
#45
 t-1,3-Dichloropropene
 Concen: 12.892 ppbv
 RT: 8.693 min Scan# 1894
 Delta R.T. 0.007 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091624

Tgt Ion: 75 Resp: 854719
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0

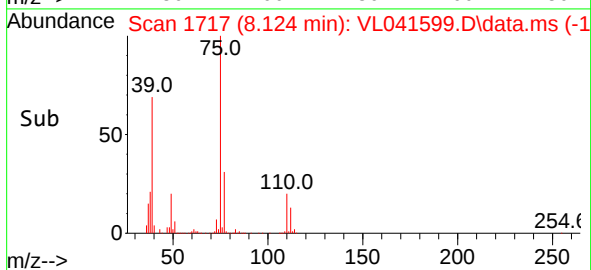
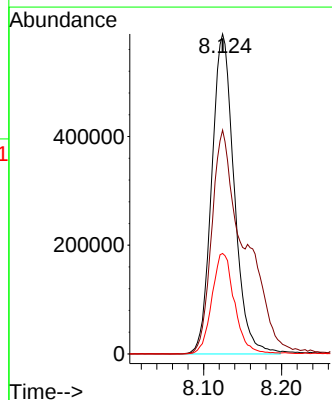
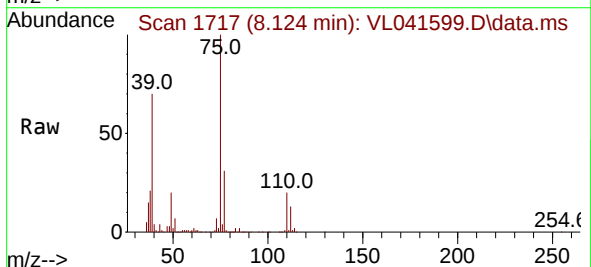
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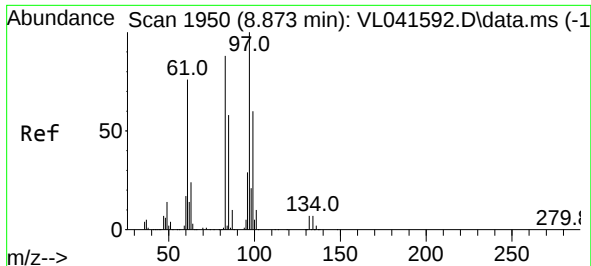
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#46
 cis-1,3-Dichloropropene
 Concen: 12.148 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. 0.003 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

Tgt Ion: 75 Resp: 1179959
 Ion Ratio Lower Upper
 75 100
 39 69.9 54.0 81.0
 77 31.4 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.731 ppbv

RT: 8.880 min Scan# 1950

Delta R.T. 0.007 min

Lab File: VL041599.D

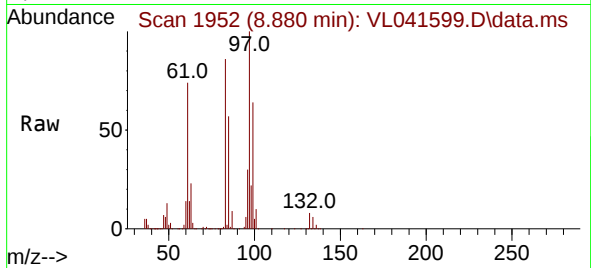
Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624



Tgt Ion: 97 Resp: 965904

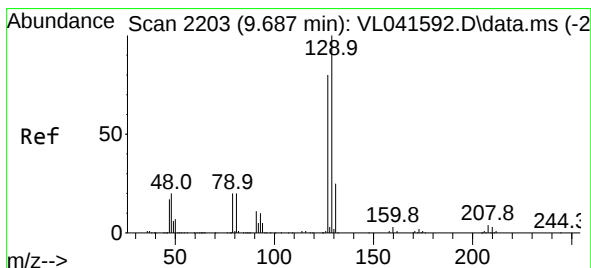
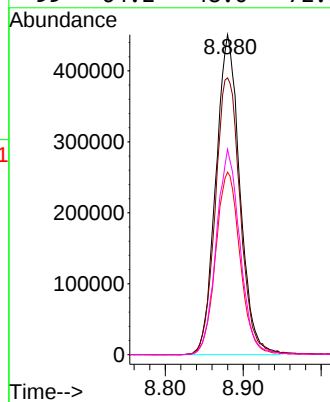
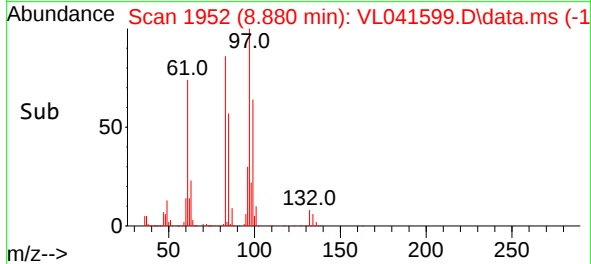
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.4
85	57.1	46.3	69.5
99	64.2	48.0	72.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#48

Dibromochloromethane

Concen: 10.613 ppbv

RT: 9.690 min Scan# 2204

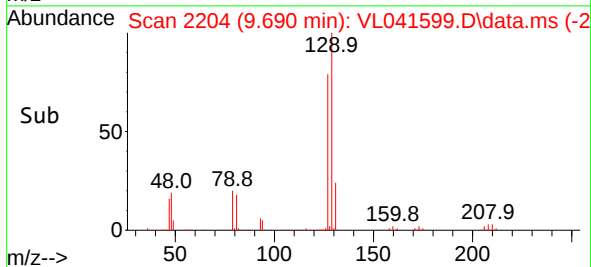
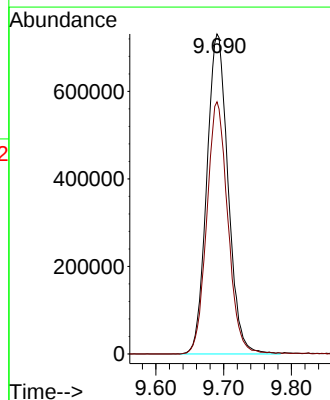
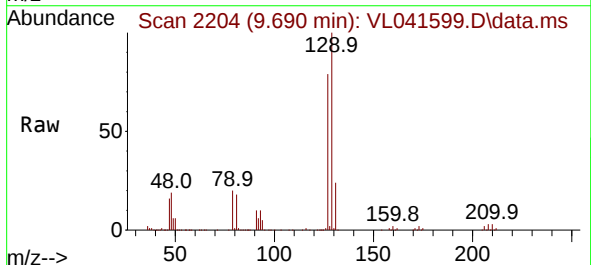
Delta R.T. 0.003 min

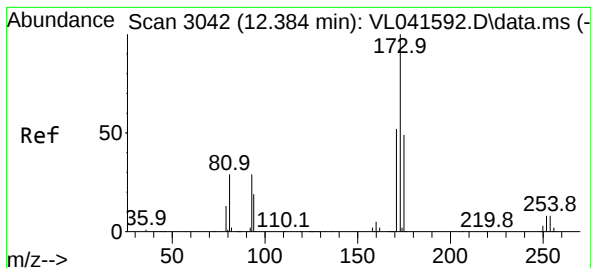
Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion:129 Resp: 1596069

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.3	117.9





#49

Bromoform

Concen: 10.834 ppbv

RT: 12.388 min Scan# 3042

Delta R.T. 0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624

Tgt Ion:173 Resp: 1398574

Ion Ratio Lower Upper

173 100

175 49.4 40.1 60.1

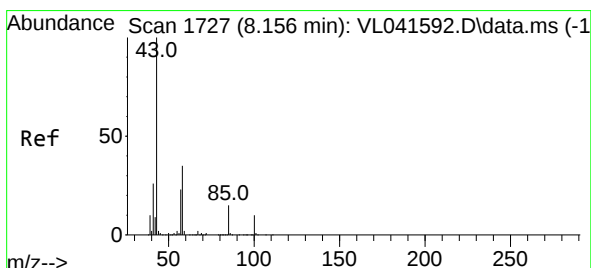
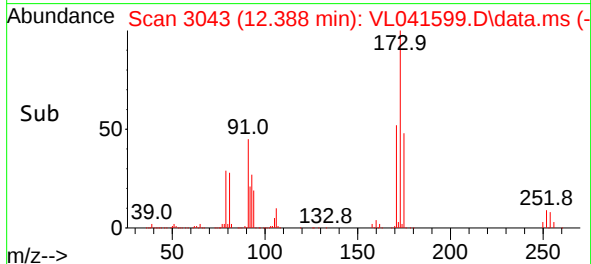
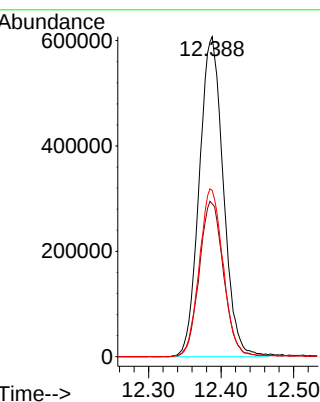
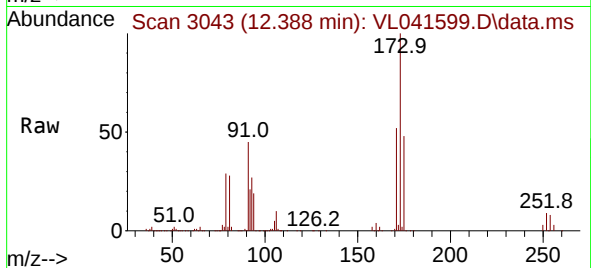
171 52.3 42.2 63.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#50

4-Methyl-2-Pentanone

Concen: 10.747 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. 0.007 min

Lab File: VL041599.D

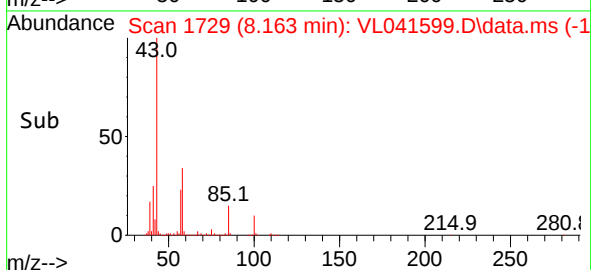
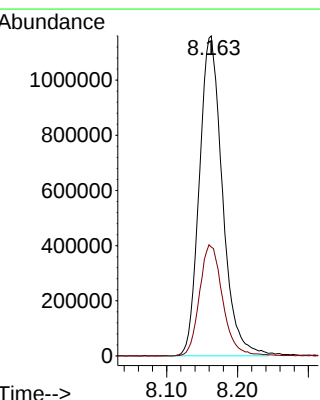
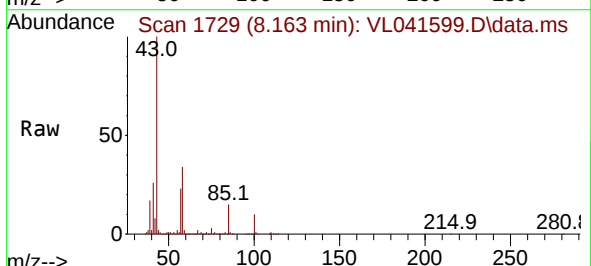
Acq: 16 Sep 2024 18:46

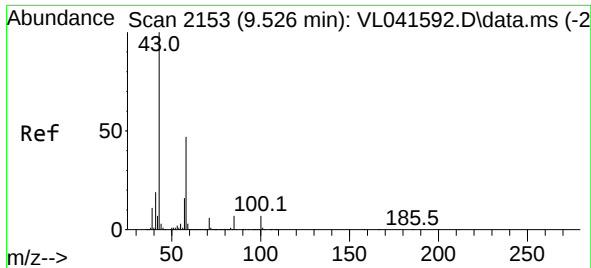
Tgt Ion: 43 Resp: 2618515

Ion Ratio Lower Upper

43 100

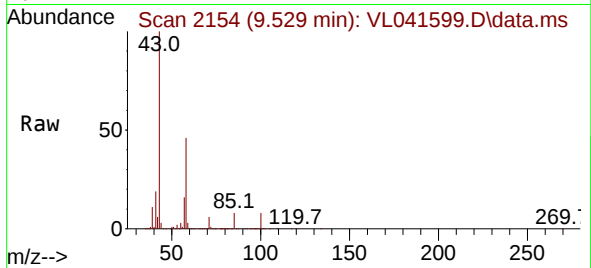
58 35.1 27.8 41.8





#51
2-Hexanone
Concen: 11.433 ppbv
RT: 9.529 min Scan# 2153
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

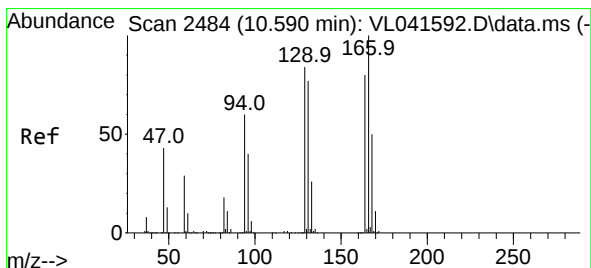
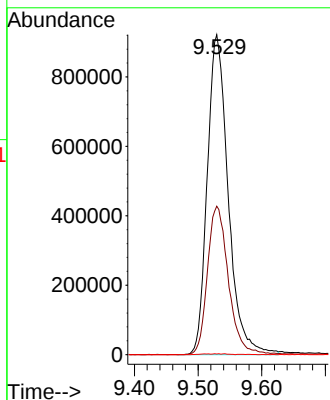
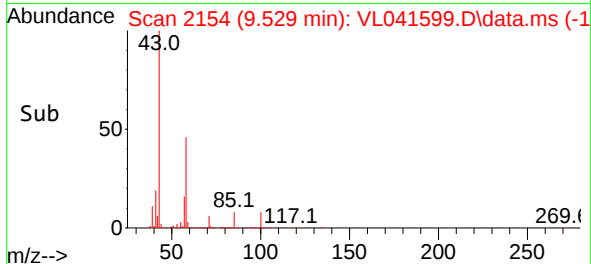
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



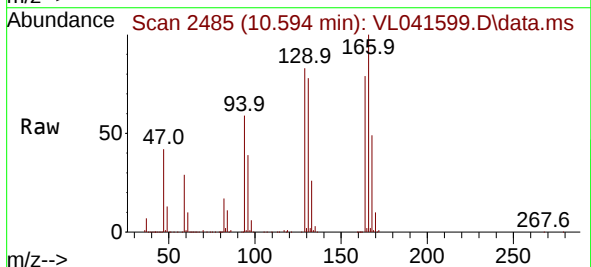
Tgt Ion: 43 Resp: 210704
Ion Ratio Lower Upper
43 100
58 46.9 37.2 55.8
98 0.4 0.5 0.7

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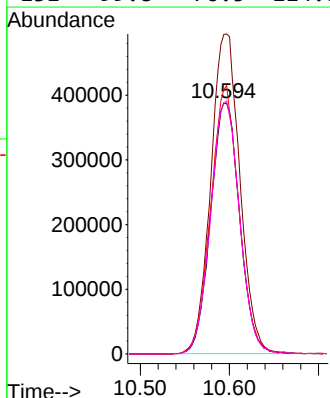
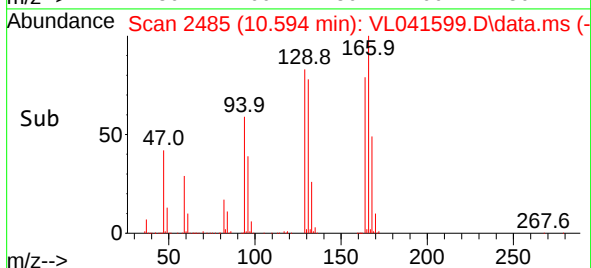
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

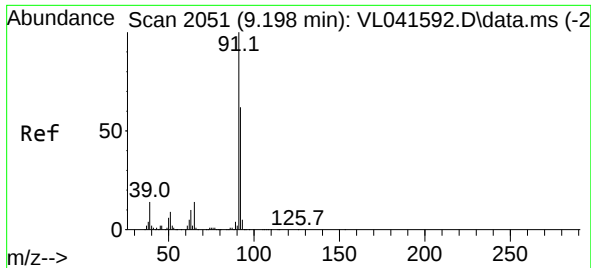


#52
Tetrachloroethene
Concen: 10.529 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



Tgt Ion:164 Resp: 876069
Ion Ratio Lower Upper
164 100
166 127.3 99.4 149.2
129 105.2 83.5 125.3
131 99.8 76.5 114.7





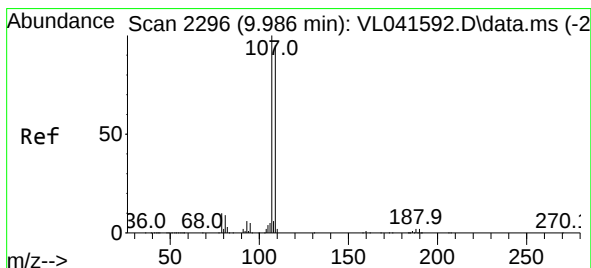
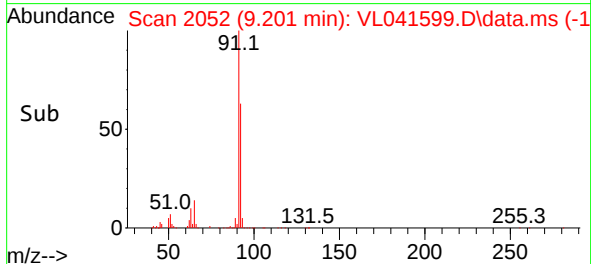
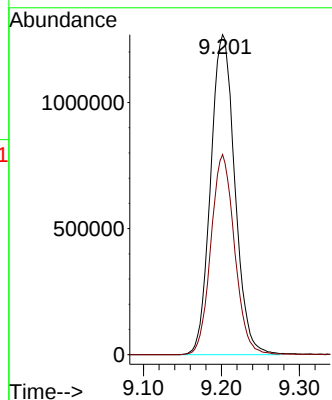
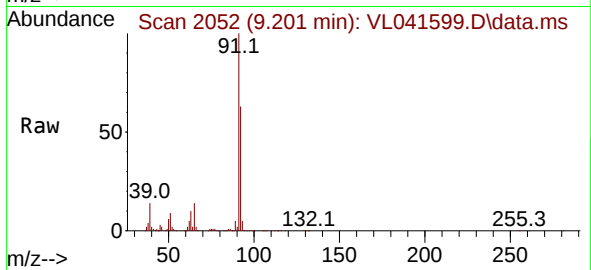
#53
Toluene
Concen: 11.220 ppbv
RT: 9.201 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Tgt Ion: 91 Resp: 273693
Ion Ratio Lower Upper
91 100
92 61.4 48.9 73.3

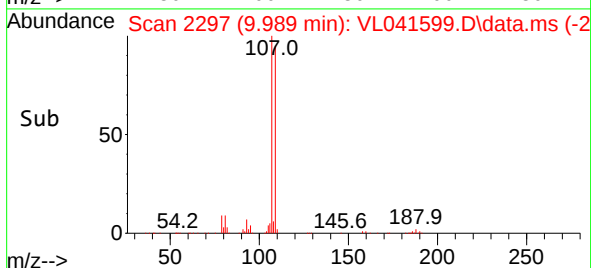
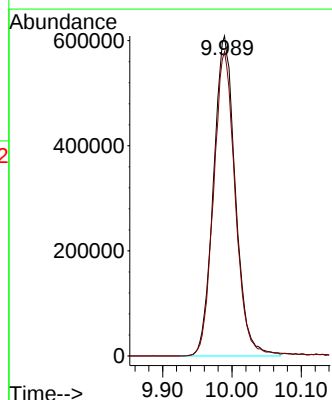
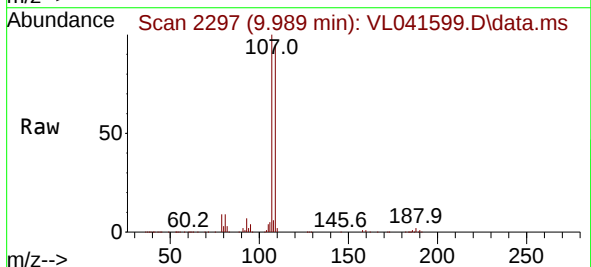
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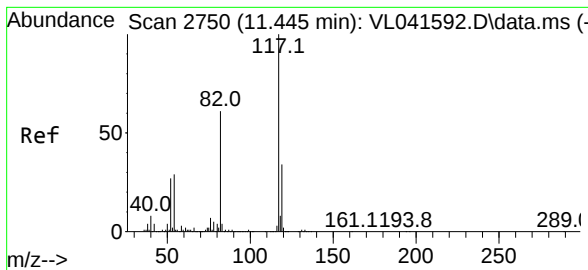
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#54
1,2-Dibromoethane
Concen: 10.916 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

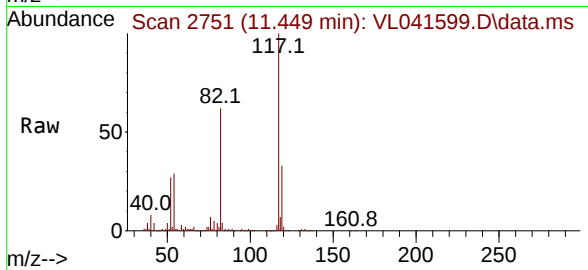
Tgt Ion:107 Resp: 1334237
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

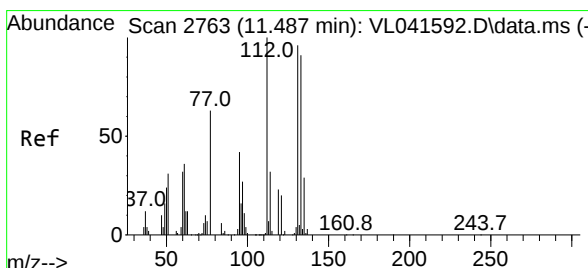
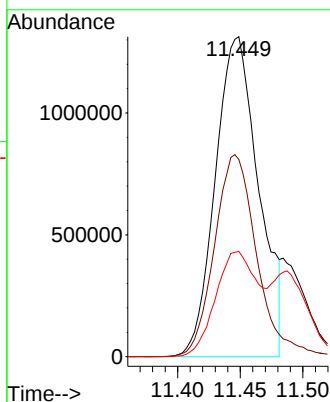
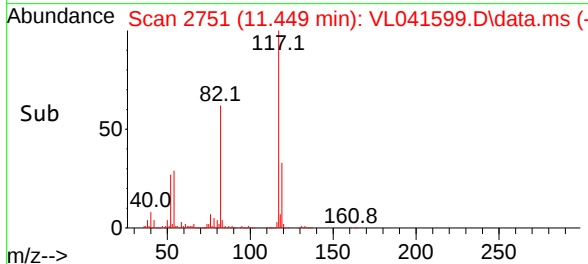
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



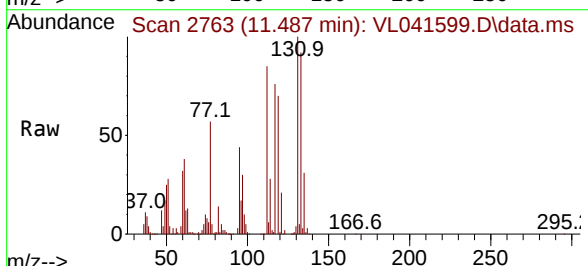
Tgt Ion:117 Resp: 3161469
Ion Ratio Lower Upper
117 100
82 62.6 49.4 74.2
119 31.1 24.4 36.6

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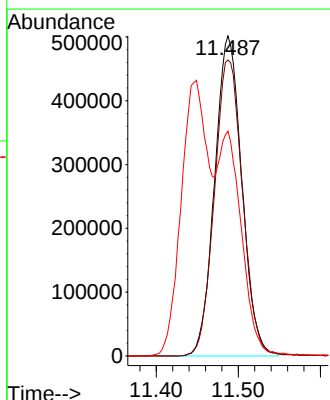
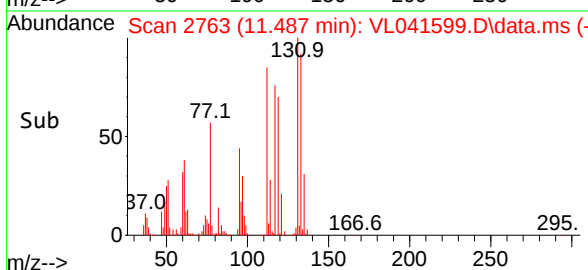
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

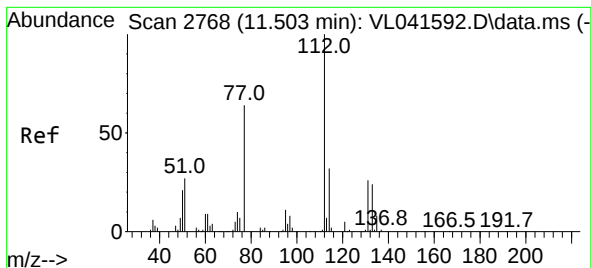


#56
1,1,1,2-Tetrachloroethane
Concen: 9.349 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



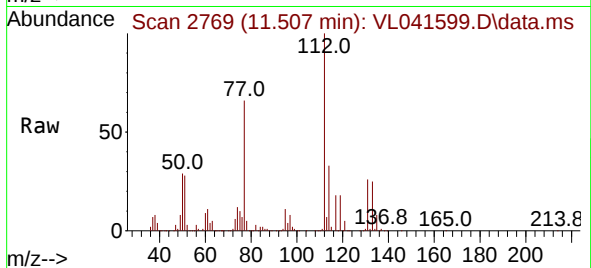
Tgt Ion:131 Resp: 1153971
Ion Ratio Lower Upper
131 100
133 96.0 76.6 115.0
119 60.4 48.5 72.7





#57
Chlorobenzene
Concen: 9.260 ppbv
RT: 11.507 min Scan# 211066
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

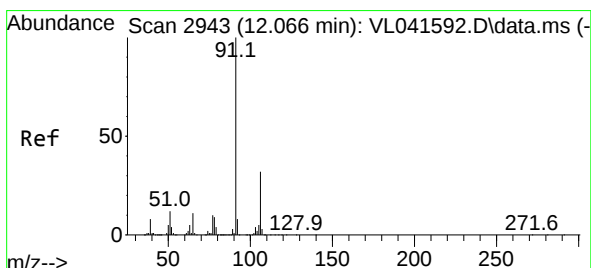
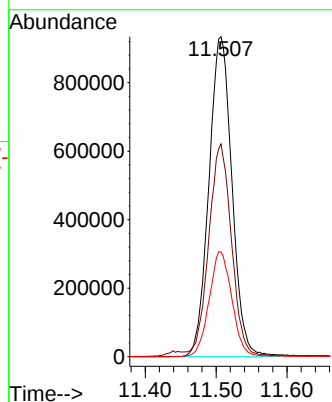
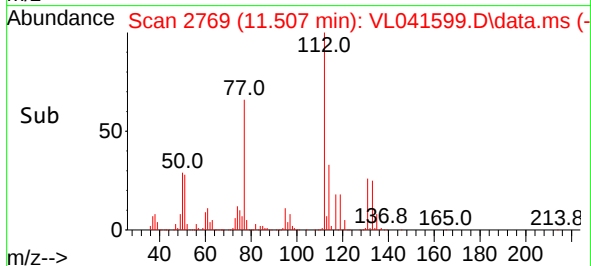
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



Tgt Ion: 112 Resp: 211066
Ion Ratio Lower Upper
112 100
77 66.1 52.0 78.0
114 32.7 28.6 35.0

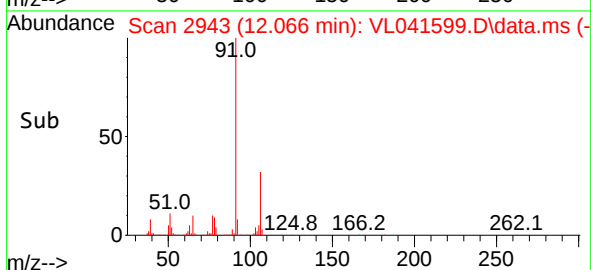
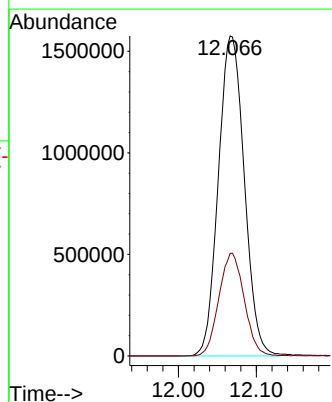
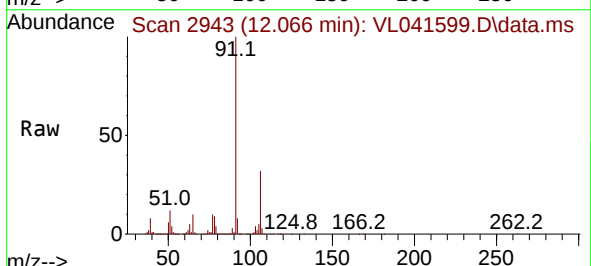
Manual Integrations
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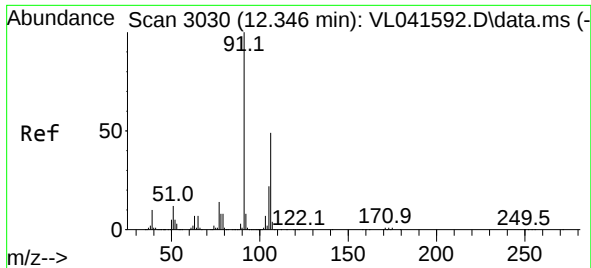
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#58
Ethyl Benzene
Concen: 10.746 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

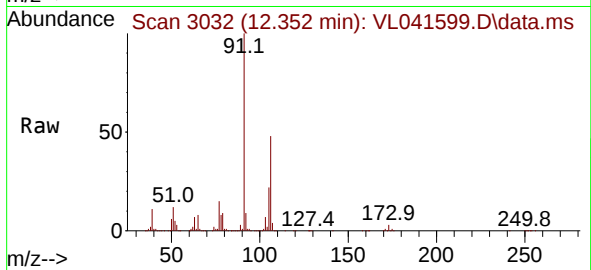
Tgt Ion: 91 Resp: 3636857
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.6





#59
m/p-Xylene
Concen: 20.317 ppbv m
RT: 12.352 min Scan# 3032
Delta R.T. 0.007 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

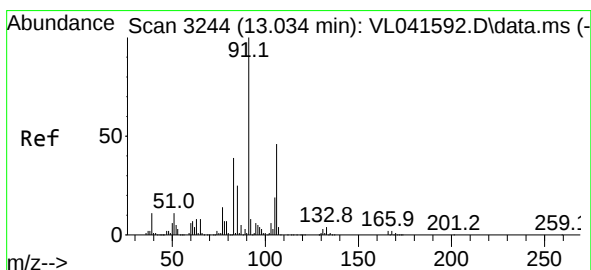
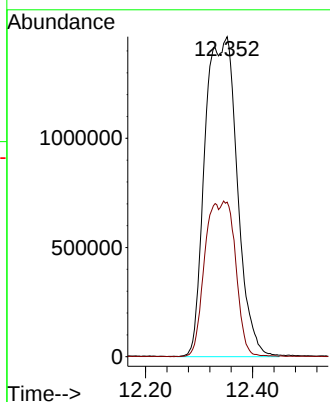
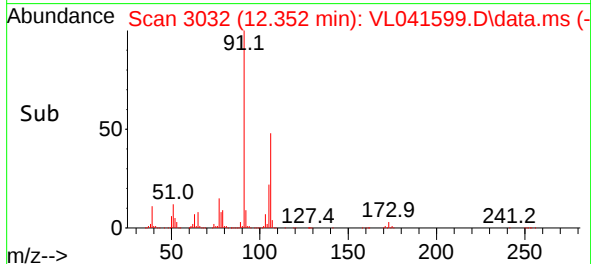
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



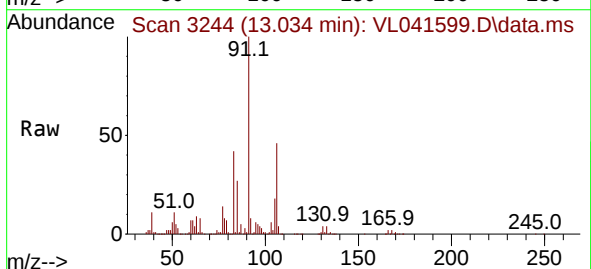
Tgt Ion: 91 Resp: 611955
Ion Ratio Lower Upper
91 100
106 46.3 36.8 55.2

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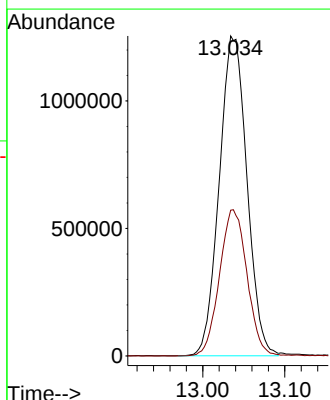
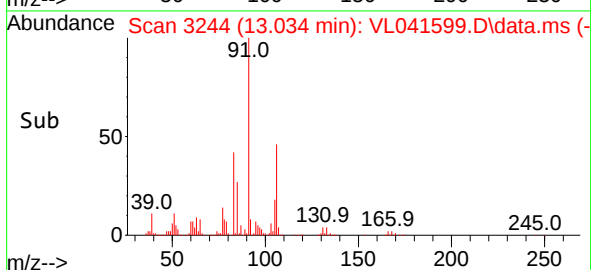
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

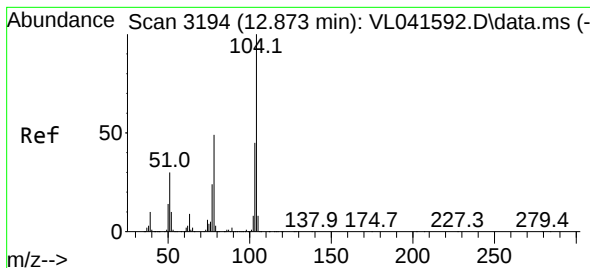


#60
o-Xylene
Concen: 10.185 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



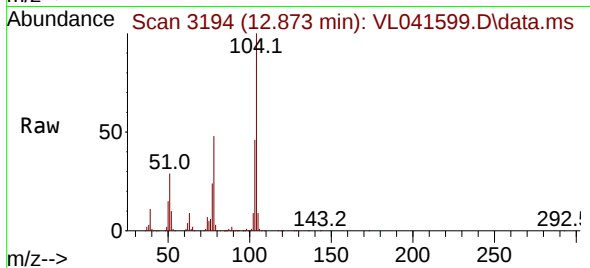
Tgt Ion: 91 Resp: 2941243
Ion Ratio Lower Upper
91 100
106 45.8 23.1 69.3





#61
Styrene
Concen: 12.117 ppbv
RT: 12.873 min Scan# 3194
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

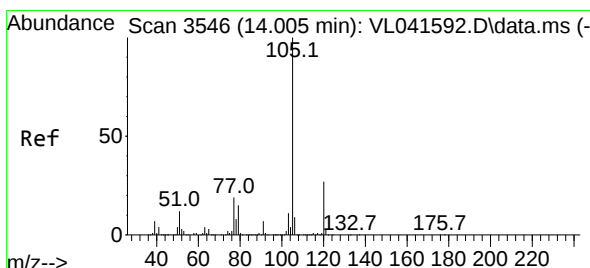
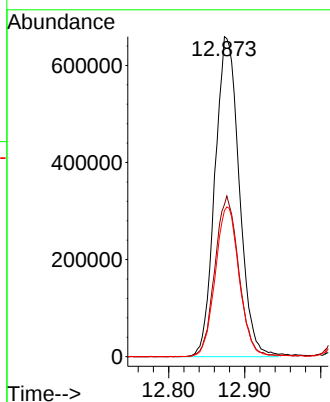
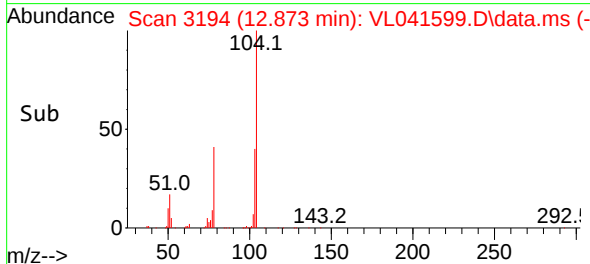
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



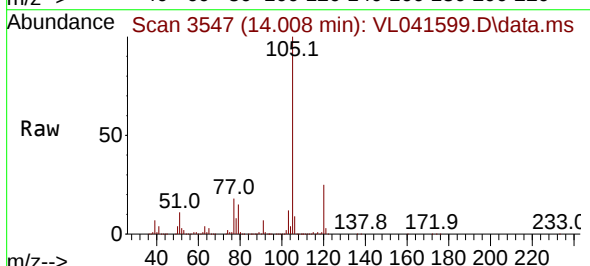
Tgt Ion:104 Resp: 146191
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 46.7 37.4 56.0

Manual Integrations
APPROVED

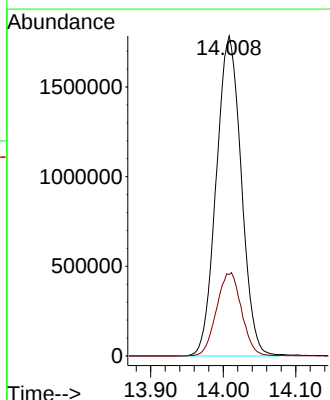
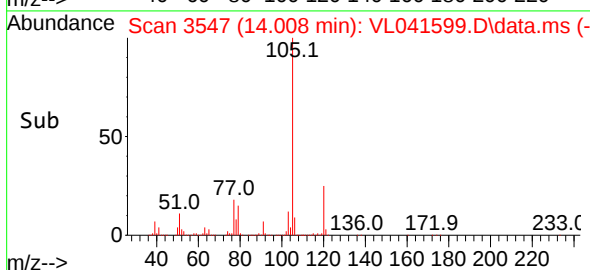
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

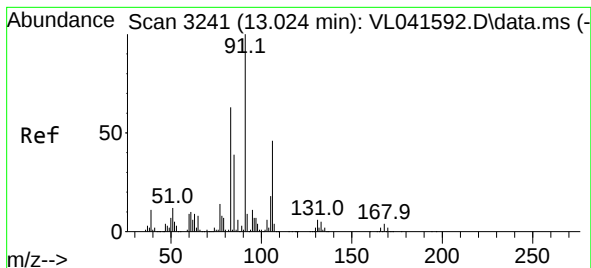


#62
Isopropylbenzene
Concen: 9.768 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



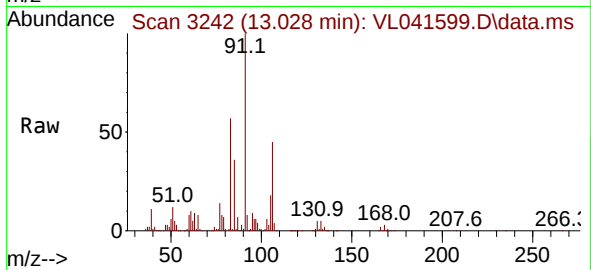
Tgt Ion:105 Resp: 4273531
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 9.409 ppbv
RT: 13.028 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

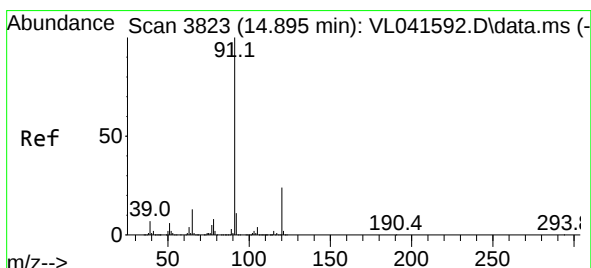
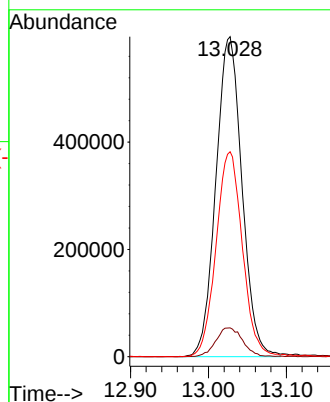
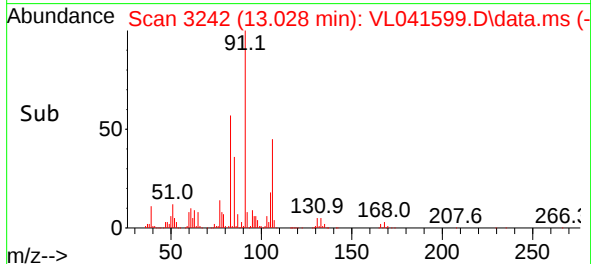
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



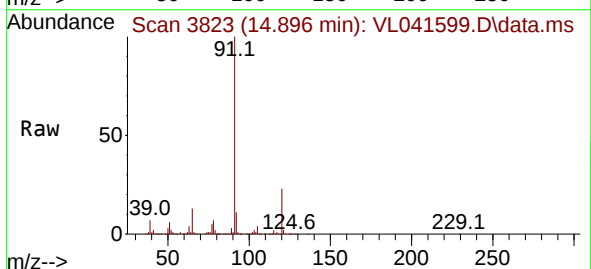
Tgt Ion: 83 Resp: 1389180
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.4 32.5 97.4

Manual Integrations
APPROVED

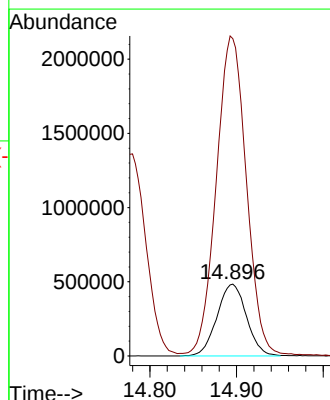
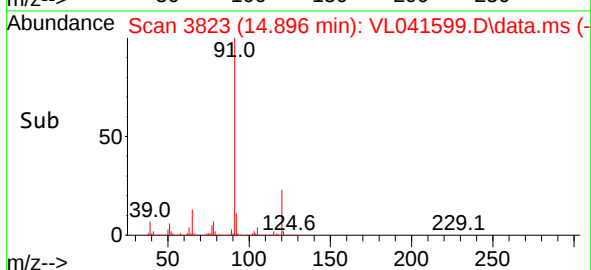
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

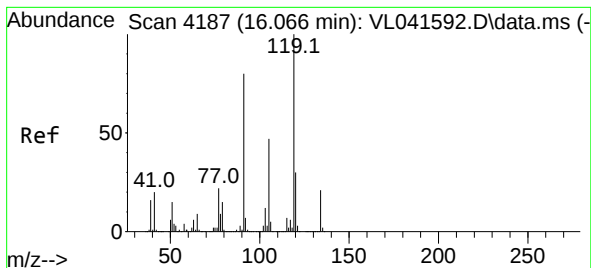


#64
n-propylbenzene
Concen: 10.129 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



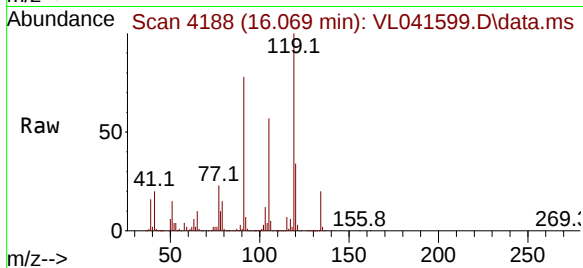
Tgt Ion:120 Resp: 1144513
Ion Ratio Lower Upper
120 100
91 455.2 366.4 549.6





#65
tert-Butylbenzene
Concen: 9.532 ppbv
RT: 16.069 min Scan# 4187
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

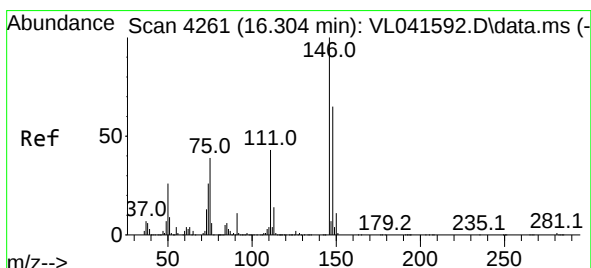
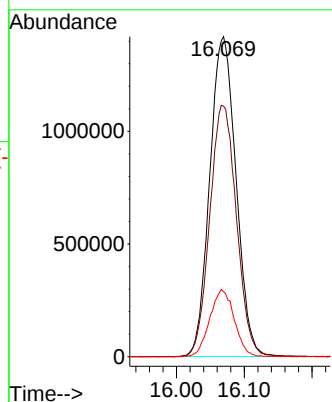
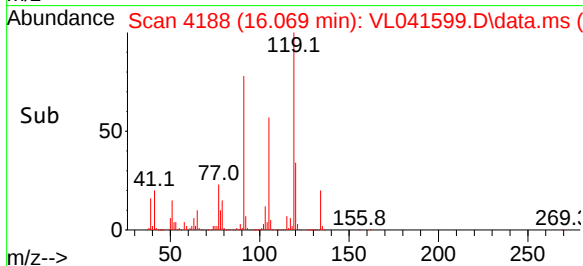
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



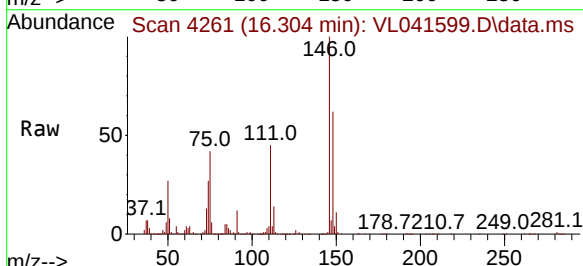
Tgt Ion:119 Resp: 382290
Ion Ratio Lower Upper
119 100
91 80.0 64.6 96.8
134 19.7 15.8 23.8

Manual Integrations
APPROVED

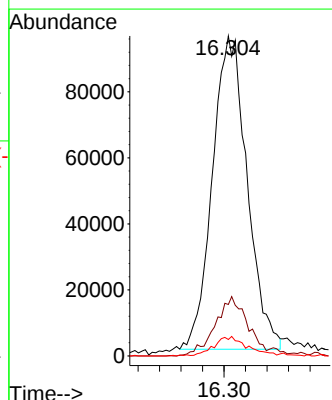
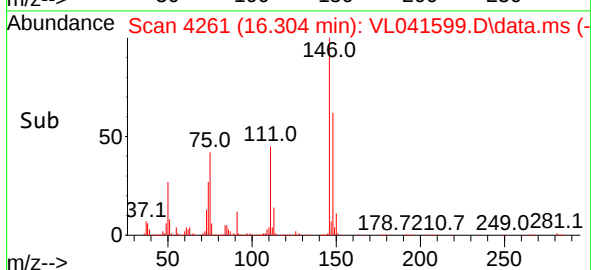
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

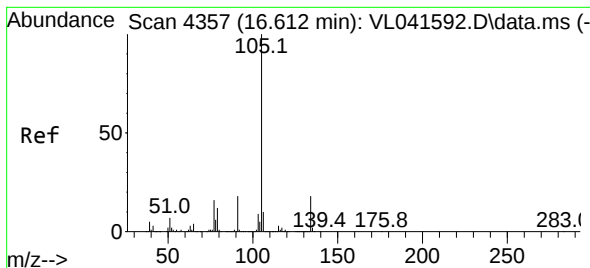


#66
Benzyl Chloride
Concen: 10.206 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



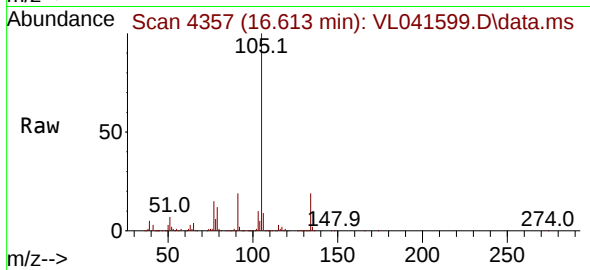
Tgt Ion: 91 Resp: 212798
Ion Ratio Lower Upper
91 100
126 19.1 15.4 23.2
128 6.3 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 9.616 ppbv
 RT: 16.613 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

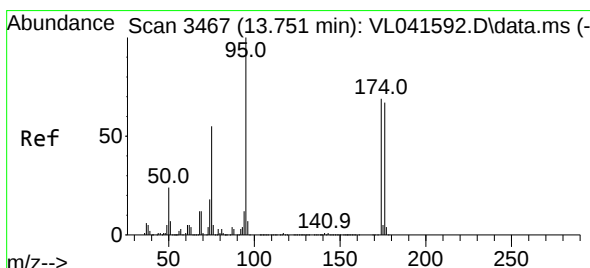
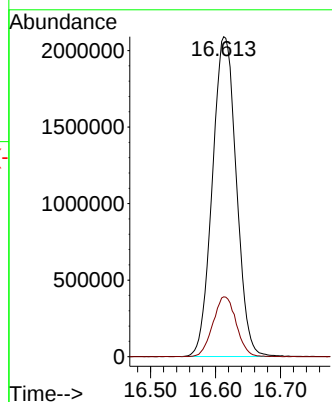
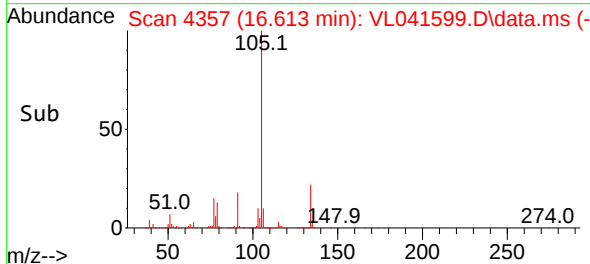
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091624



Tgt Ion:105 Resp: 5350490
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.6 21.8

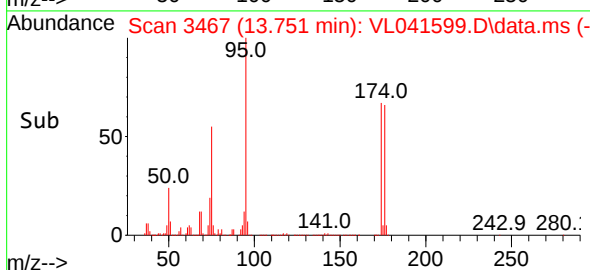
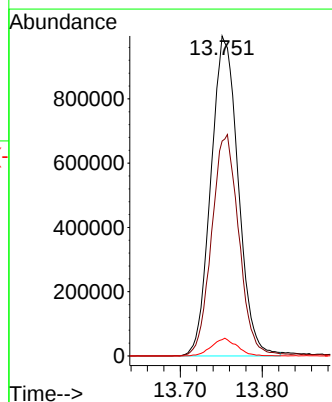
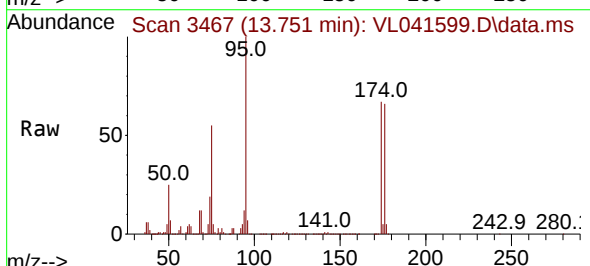
Manual Integrations
 APPROVED

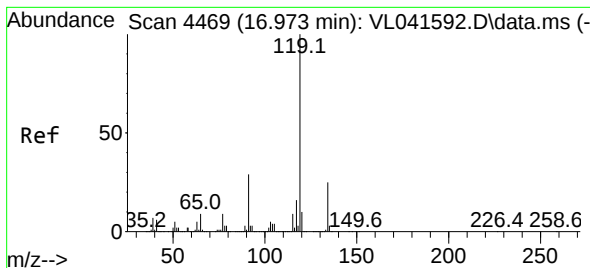
Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.919 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.000 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

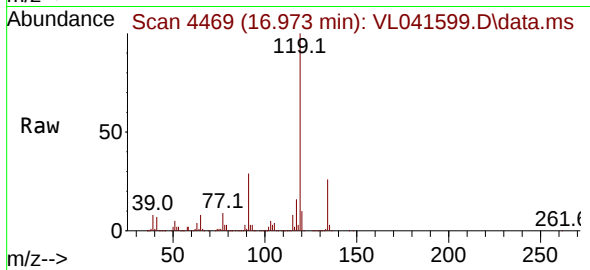
Tgt Ion: 95 Resp: 2308391
 Ion Ratio Lower Upper
 95 100
 174 69.8 55.8 83.8
 175 5.2 4.1 6.1





#69
p-Isopropyltoluene
Concen: 9.986 ppbv
RT: 16.973 min Scan# 4469
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

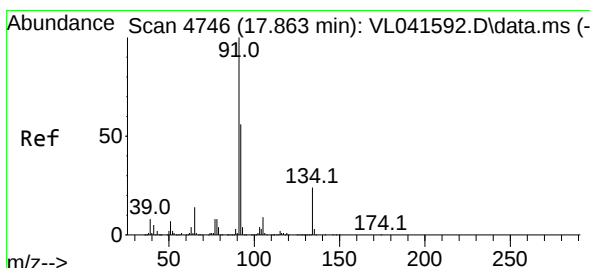
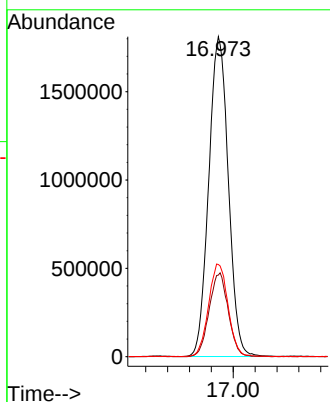
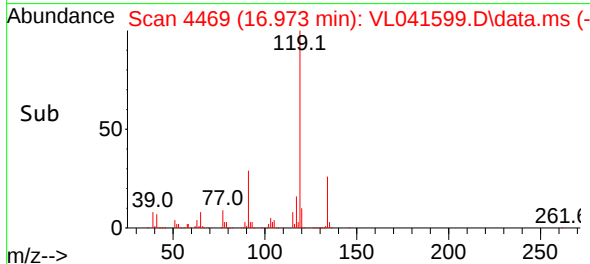
Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624



Tgt Ion:119 Resp: 449752
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.8 23.1 34.7

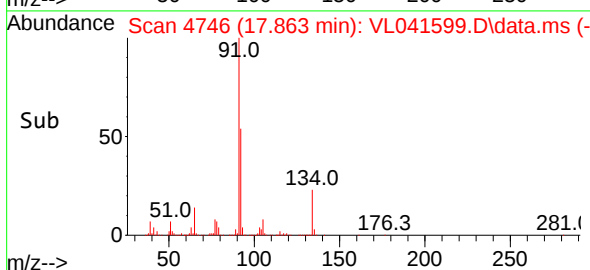
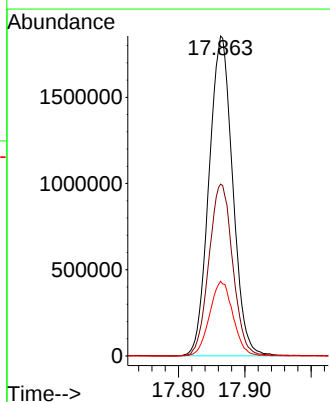
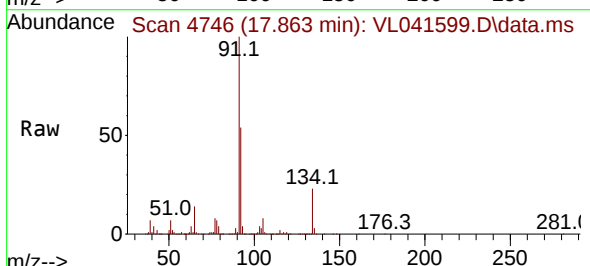
Manual Integrations
APPROVED

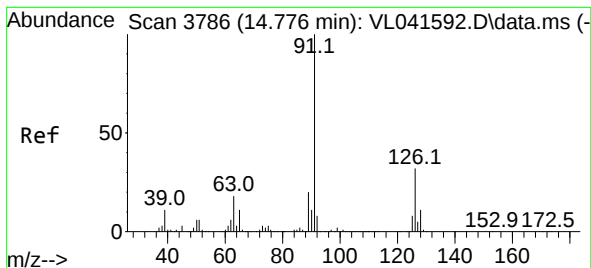
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#70
n-Butylbenzene
Concen: 9.740 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion: 91 Resp: 4595438
Ion Ratio Lower Upper
91 100
92 54.2 43.2 64.8
134 23.2 18.6 27.8





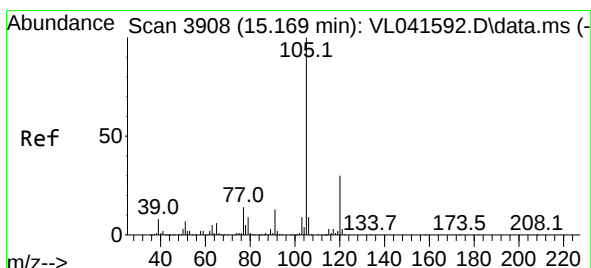
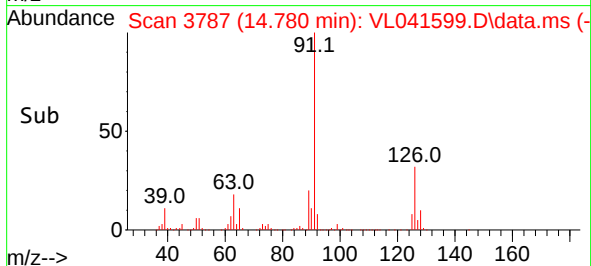
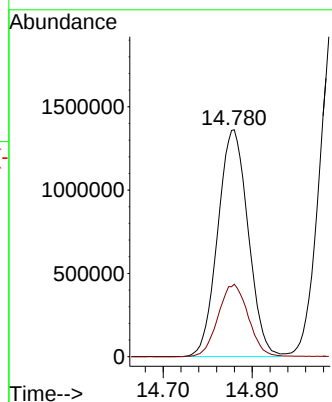
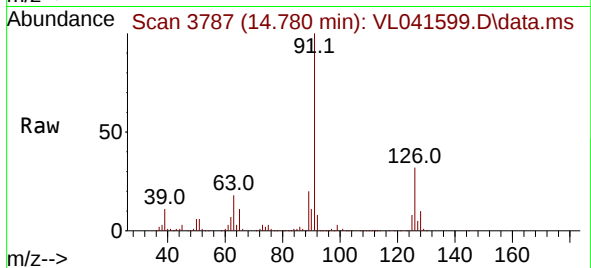
#71
2-Chlorotoluene
Concen: 10.013 ppbv
RT: 14.780 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :
MSVOA_L
ClientSampleId :
ICVVL091624

Tgt Ion: 91 Resp: 322346
Ion Ratio Lower Upper
91 100
126 32.1 12.9 51.5

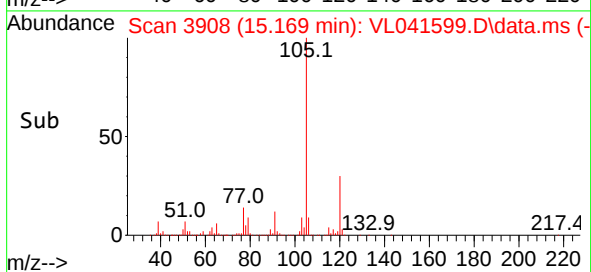
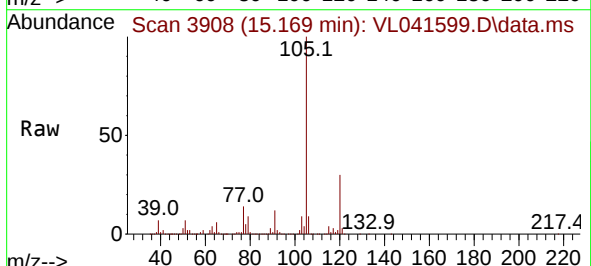
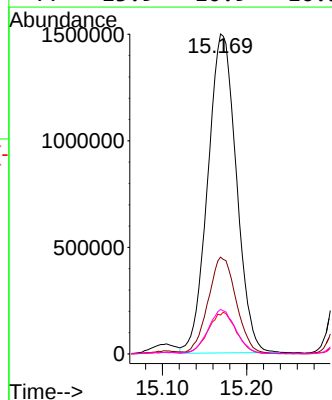
Manual Integrations
APPROVED

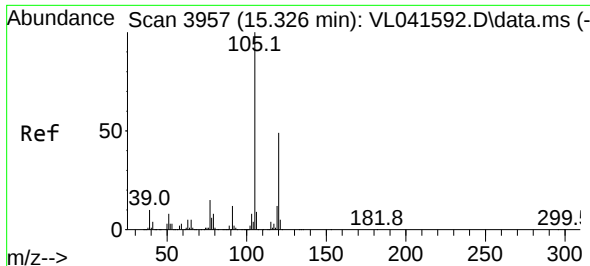
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#72
4-Ethyltoluene
Concen: 10.441 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

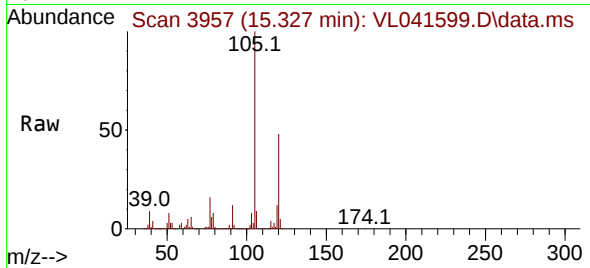
Tgt Ion:105 Resp: 3524544
Ion Ratio Lower Upper
105 100
120 31.1 24.1 36.1
91 13.3 10.2 15.2
77 13.9 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 10.112 ppbv
RT: 15.327 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

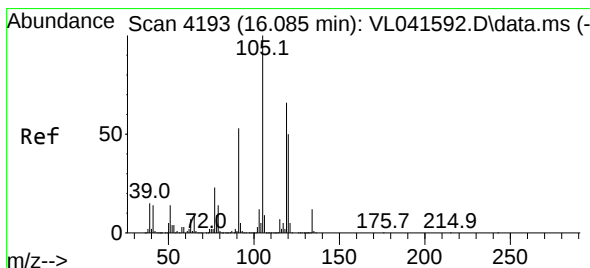
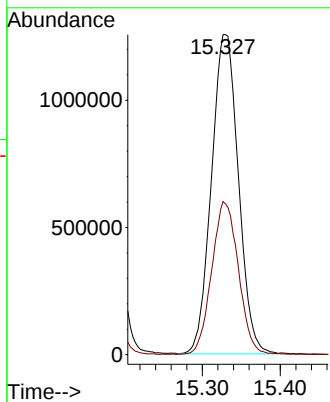
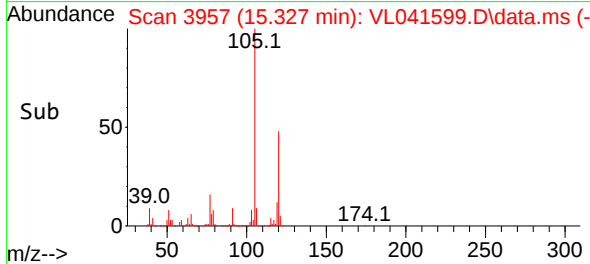
Instrument : MSVOA_L
ClientSampleId : ICVVL091624



Tgt Ion:105 Resp: 3014190
Ion Ratio Lower Upper
105 100
120 47.8 39.4 59.0

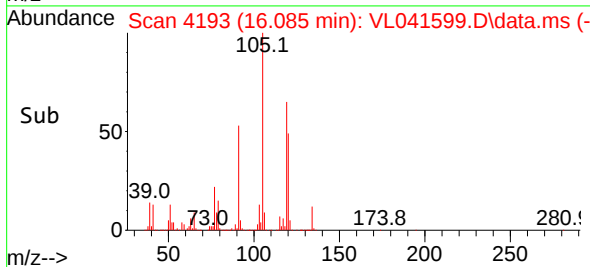
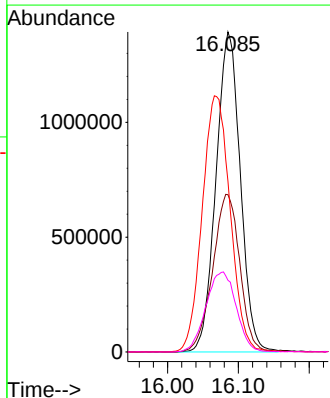
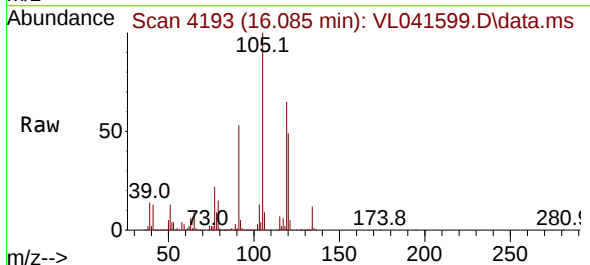
Manual Integrations
APPROVED

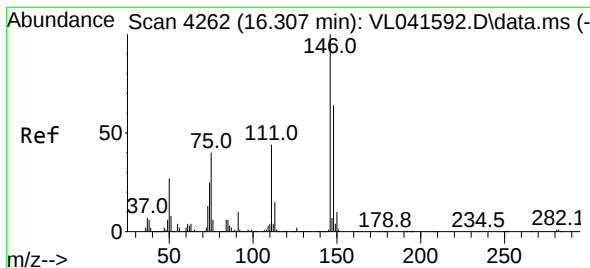
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#74
1,2,4-Trimethylbenzene
Concen: 9.517 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Tgt Ion:105 Resp: 3320425
Ion Ratio Lower Upper
105 100
120 49.0 39.9 59.9
91 53.1 42.6 63.8
77 22.3 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 9.482 ppbv

RT: 16.307 min Scan# 4262

Delta R.T. 0.000 min

Lab File: VL041599.D

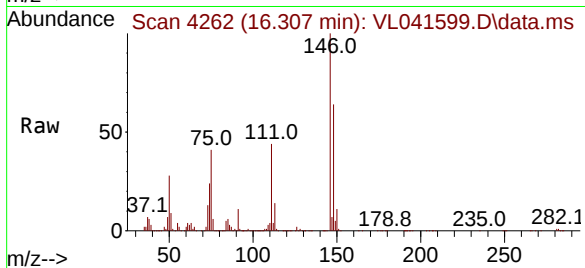
Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624



Tgt Ion:146 Resp: 2073354

Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.0

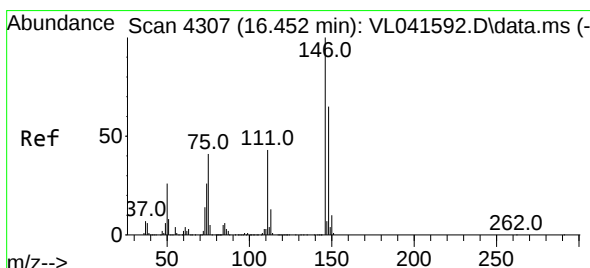
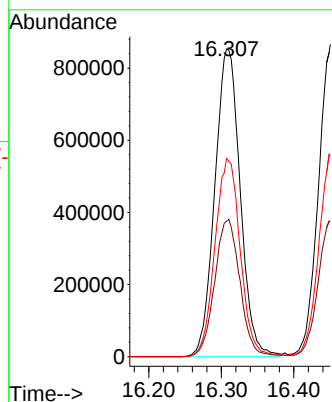
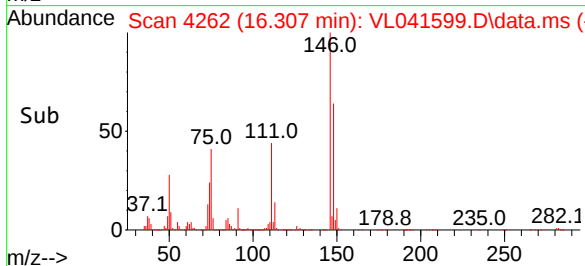
148 64.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024

Supervised By :Mahesh Dadoda 09/17/2024



#76

1,4-Dichlorobenzene

Concen: 9.675 ppbv

RT: 16.452 min Scan# 4307

Delta R.T. 0.000 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

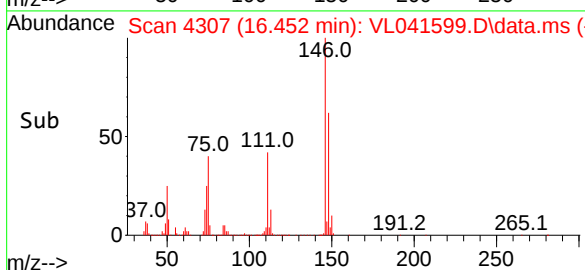
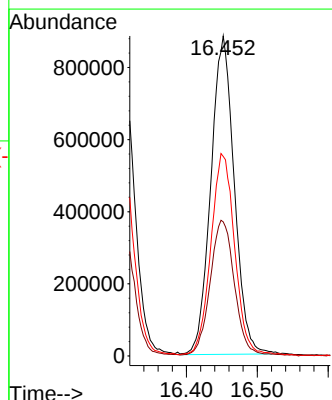
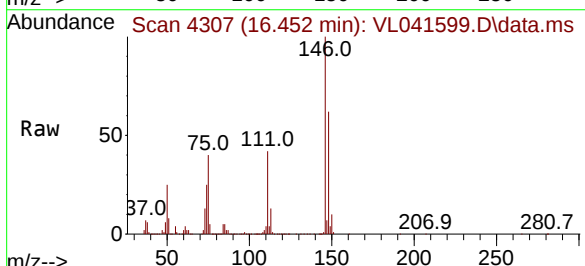
Tgt Ion:146 Resp: 2027061

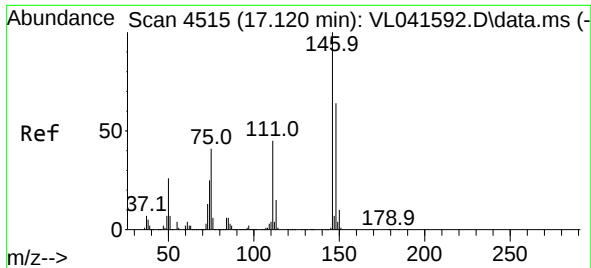
Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.3

148 65.2 32.8 98.4





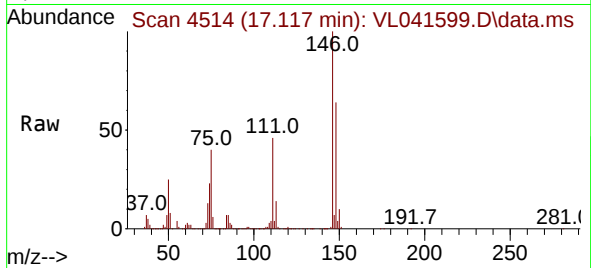
#77
1,2-Dichlorobenzene
Concen: 9.250 ppbv
RT: 17.117 min Scan# 4514
Delta R.T. -0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624

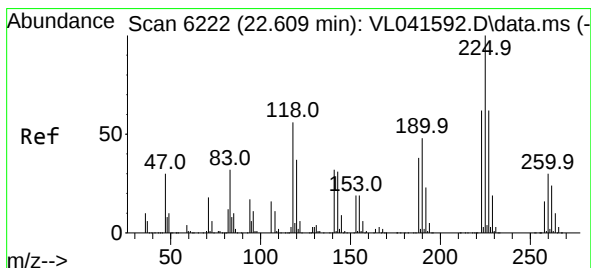
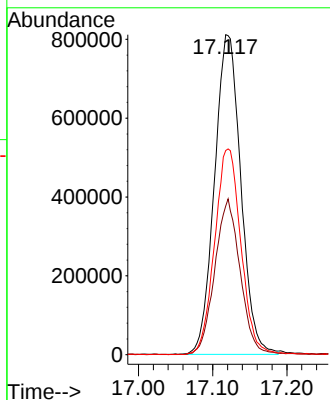
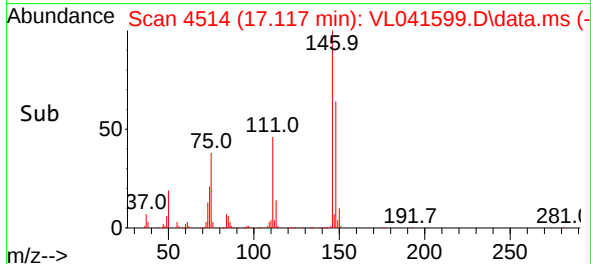


Tgt Ion:146 Resp: 199684
Ion Ratio Lower Upper
146 100
111 47.0 23.4 70.0
148 64.8 32.5 97.4

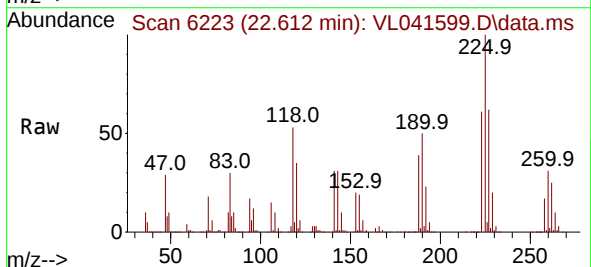
Manual Integrations

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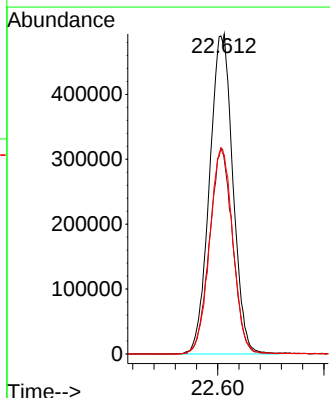
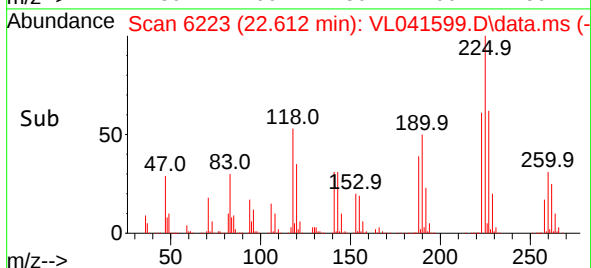
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

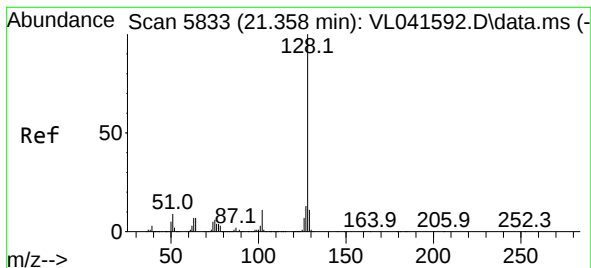


#78
Hexachloro-1,3-Butadiene
Concen: 8.468 ppbv m
RT: 22.612 min Scan# 6223
Delta R.T. 0.003 min
Lab File: VL041599.D
Acq: 16 Sep 2024 18:46



Tgt Ion:225 Resp: 1507968
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 50.9 76.3#





#79

Naphthalene

Concen: 12.476 ppbv

RT: 21.355 min Scan# 5833

Delta R.T. -0.003 min

Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Instrument :

MSVOA_L

ClientSampleId :

ICVVL091624

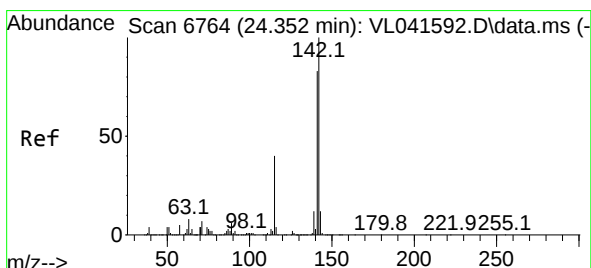
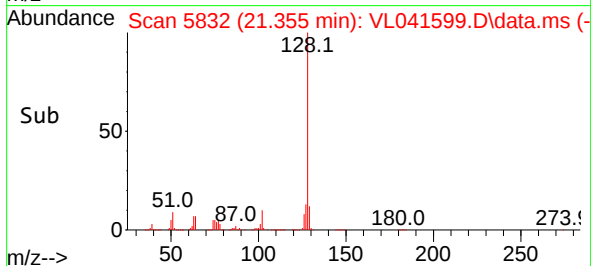
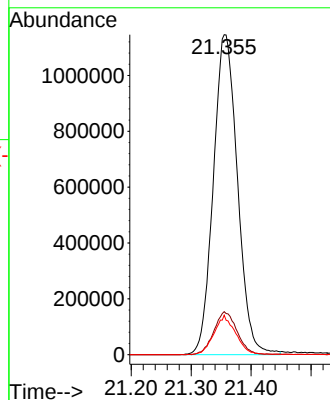
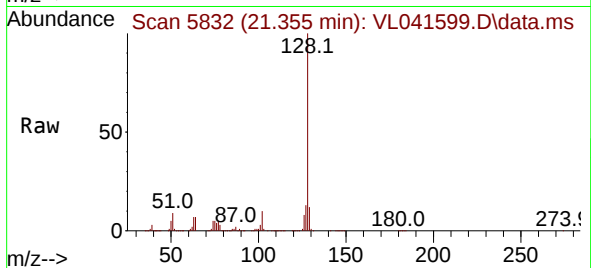
Tgt Ion:128 Resp: 320362

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	12.3	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#80

Naphthalene,2-methyl-

Concen: 13.599 ppbv

RT: 24.349 min Scan# 6763

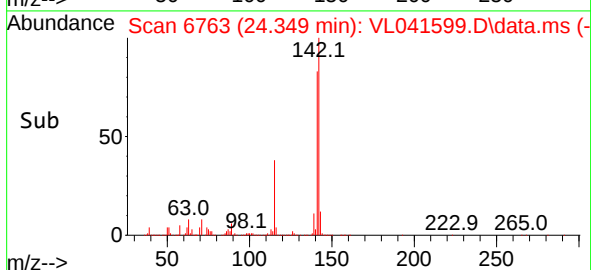
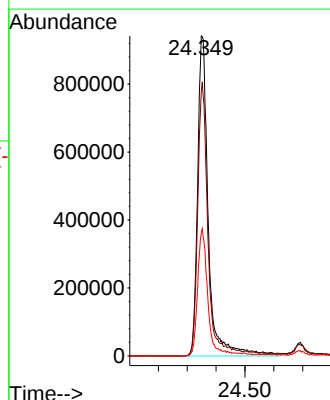
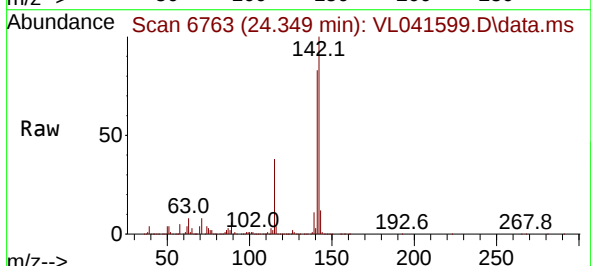
Delta R.T. -0.003 min

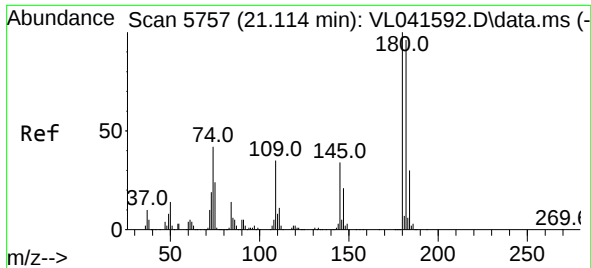
Lab File: VL041599.D

Acq: 16 Sep 2024 18:46

Tgt Ion:142 Resp: 2446937

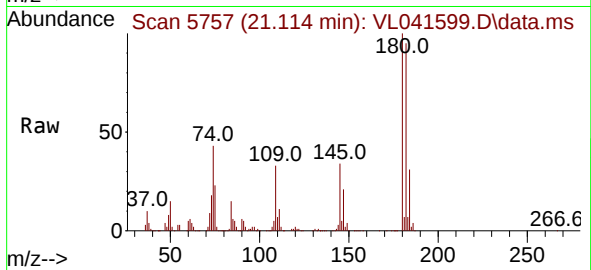
Ion	Ratio	Lower	Upper
142	100		
141	82.9	66.3	99.5
115	38.3	31.4	47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.236 ppbv
 RT: 21.114 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041599.D
 Acq: 16 Sep 2024 18:46

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091624



Tgt Ion:180 Resp: 1671079
 Ion Ratio Lower Upper
 180 100
 182 98.1 76.5 114.7
 184 31.2 24.7 37.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

