

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041527.D
 Acq On : 12 Aug 2024 8:46
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/13/2024
 Supervised By : Mahesh Dadoda 08/13/2024

Quant Time: Aug 13 02:09:53 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2024

QLast Update : Tue Aug 13 02:09:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	948929	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2600579	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2578319m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 1870101 9.425 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	997402	6.110	ppbv	99
3) Chlorodifluoromethane	2.674	51	1138655	10.080	ppbv	99
4) Chloromethane	2.812	50	619455	10.310	ppbv	96
5) Vinyl Chloride	2.922	62	621840	10.500	ppbv	99
6) Bromomethane	3.121	94	324573	10.663	ppbv	99
7) Chloroethane	3.198	64	211114	10.329	ppbv	99
8) Dichlorotetrafluoroethane	2.857	85	1418259	9.805	ppbv	98
9) Propene	2.693	41	519155	10.004	ppbv	100
10) Heptane	7.577	43	1304292	11.186	ppbv	99
11) Trichlorofluoromethane	3.562	101	1461566	10.081	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.066	101	1066072	10.212	ppbv	99
13) Ethanol	3.243	45	39522m	8.521	ppbv	
14) Bromoethene	3.365	108	425269	10.449	ppbv	97
15) Acetone	3.468	43	1110391	10.299	ppbv	100
16) 1,3-Butadiene	2.986	39	610988	10.607	ppbv	99
17) tert-Butyl alcohol	3.877	59	1169878	11.897	ppbv	99
18) 1,1-Dichloroethene	3.880	96	469860	10.521	ppbv	98
19) Isopropyl Alcohol	3.574	45	691176	10.965	ppbv	99
20) Methylene Chloride	3.931	84	392216	9.755	ppbv	98
21) Allyl Chloride	3.996	41	772532	10.926	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	500475	11.208	ppbv	99
23) Vinyl Acetate	4.626	43	987621	11.994	ppbv	99
24) 1,1-Dichloroethane	4.561	63	1050452	10.834	ppbv	99
25) Ethyl Acetate	5.201	43	2334339	10.898	ppbv	100
26) Hexane	5.211	57	965613	10.867	ppbv	99
27) Carbon Disulfide	4.124	76	1148948	11.053	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	620342	11.071	ppbv	99
29) Chloroform	5.272	83	1516034	10.460	ppbv	97
30) Cyclohexane	6.600	84	825630	11.410	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	946511	10.783	ppbv	98
32) 1,1,1-Trichloroethane	6.002	97	1493406	10.586	ppbv	100
34) 2-Butanone	4.783	43	1378498	10.958	ppbv	100
35) Carbon Tetrachloride	6.494	117	1559323	10.871	ppbv	100
36) Benzene	6.368	78	2053064	10.804	ppbv	100
37) 1,2-Dichloroethane	5.806	62	1149797	10.811	ppbv	100
38) Trichloroethene	7.291	130	948439	10.895	ppbv	99
39) 1,2-Dichloropropane	7.073	63	790468	10.865	ppbv	100
40) 1,4-Dioxane	7.288	88	315670	10.801	ppbv #	1
41) Tetrahydrofuran	5.555	42	838835	11.659	ppbv	98
42) Bromodichloromethane	7.249	83	1668411	10.864	ppbv	98
43) Methyl Methacrylate	7.475	69	808557	11.866	ppbv	96
44) 2,2,4-Trimethylpentane	7.327	57	3460189	10.902	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	835718	13.325	ppbv	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

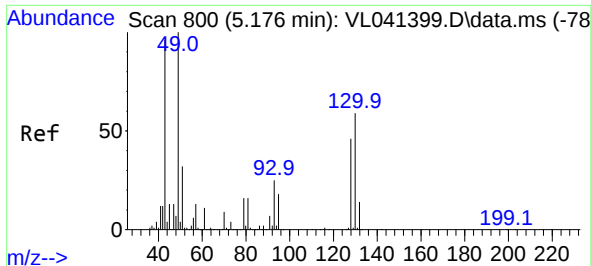
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2024

QLast Update : Tue Aug 13 02:09:20 2024

Response via : Initial Calibration

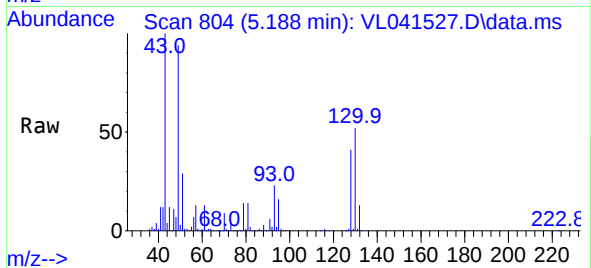
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1117986	12.344	ppbv	96
47) 1,1,2-Trichloroethane	8.899	97	846976	10.562	ppbv	98
48) Dibromochloromethane	9.709	129	1435054	11.108	ppbv	99
49) Bromoform	12.407	173	1244113	11.401	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2281073	11.493	ppbv	99
51) 2-Hexanone	9.548	43	1863230	12.415	ppbv	99
52) Tetrachloroethene	10.609	164	774992	10.555	ppbv	96
53) Toluene	9.220	91	2400814	11.343	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1243024	11.646	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	1053113	10.532	ppbv #	55
57) Chlorobenzene	11.523	112	1877092	10.225	ppbv	99
58) Ethyl Benzene	12.085	91	3229692	10.868	ppbv	98
59) m/p-Xylene	12.371	91	5506827m	21.466	ppbv	
60) o-Xylene	13.056	91	2634952	10.858	ppbv	99
61) Styrene	12.896	104	1285721	11.743	ppbv	99
62) Isopropylbenzene	14.027	105	3824563	10.367	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.043	83	1605022	10.474	ppbv	99
64) n-propylbenzene	14.912	120	1036299	10.744	ppbv	97
65) tert-Butylbenzene	16.088	119	3458283	10.378	ppbv	100
66) Benzyl Chloride	16.326	91	278383	13.025	ppbv	99
67) sec-Butylbenzene	16.635	105	4833640	10.528	ppbv	99
69) p-Isopropyltoluene	16.992	119	4069168	10.681	ppbv	100
70) n-Butylbenzene	17.883	91	4208009	10.774	ppbv	100
71) 2-Chlorotoluene	14.799	91	2902468	10.668	ppbv	99
72) 4-Ethyltoluene	15.188	105	3172041	11.102	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2711766	11.017	ppbv	97
74) 1,2,4-Trimethylbenzene	16.104	105	3037676	10.615	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	1883631	10.472	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1835391	10.538	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1832533	10.277	ppbv	100
78) Hexachloro-1,3-Butadiene	22.631	225	1390607	9.145	ppbv	100
79) Naphthalene	21.381	128	3085623	12.217	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	2619024	12.370	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1625845	10.817	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

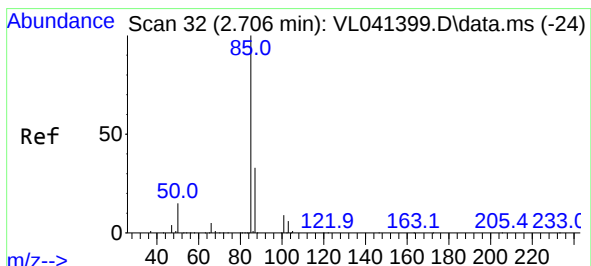
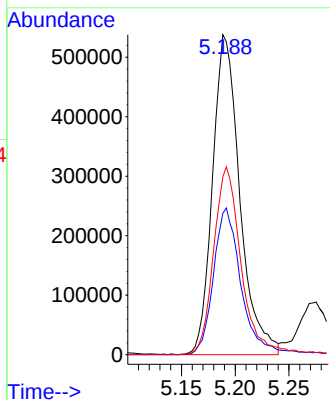
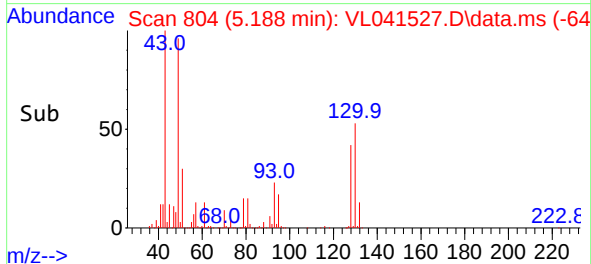
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 948929
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.4
130 60.7 30.8 92.4

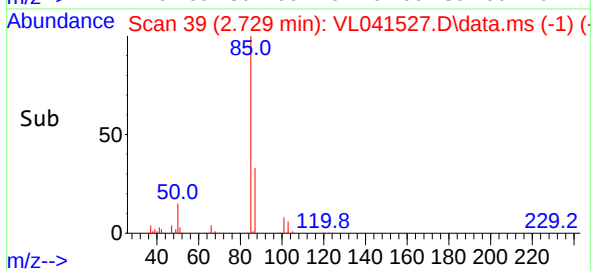
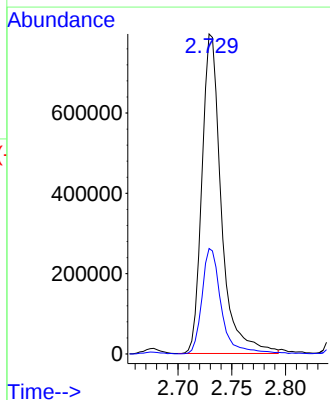
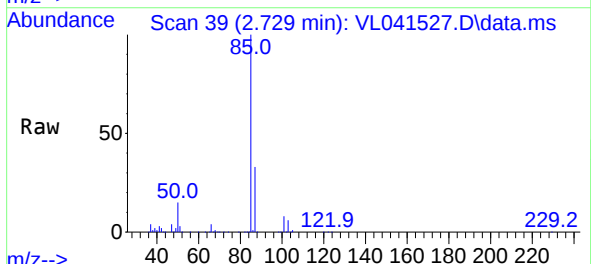
Manual Integrations
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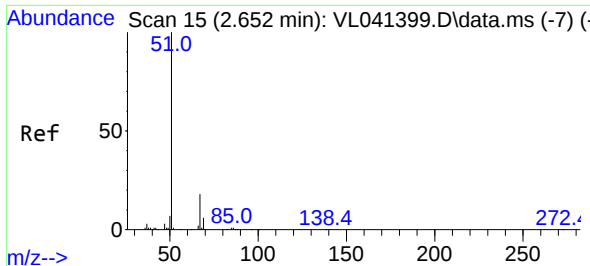
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#2
Dichlorodifluoromethane
Concen: 6.110 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

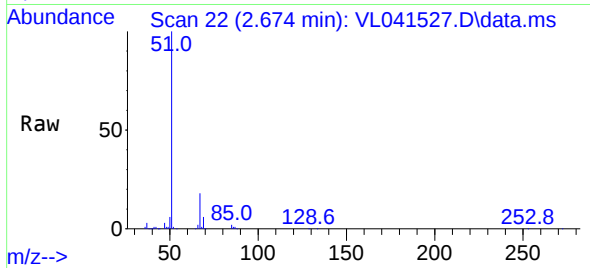
Tgt Ion: 85 Resp: 997402
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0





#3
Chlorodifluoromethane
Concen: 10.080 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

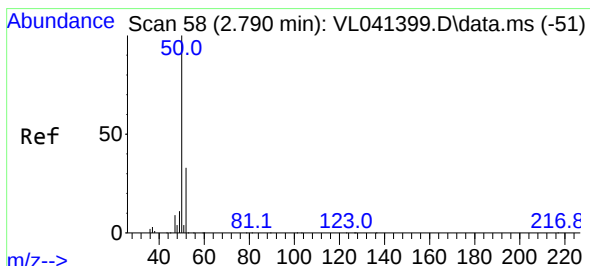
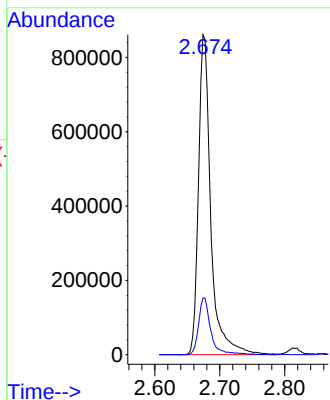
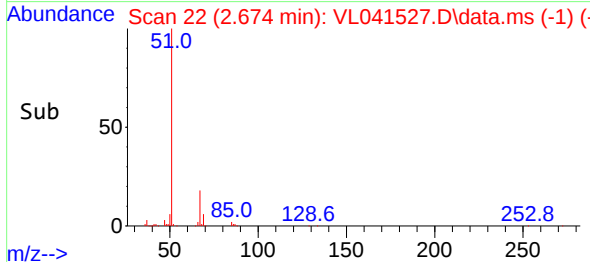
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 113865
Ion Ratio Lower Upper
51 100
67 17.7 14.5 21.7

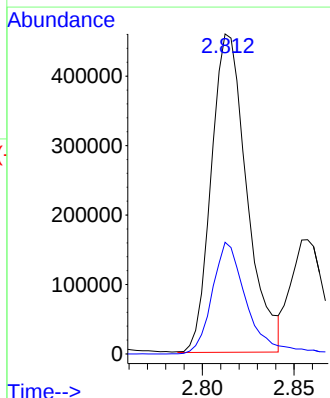
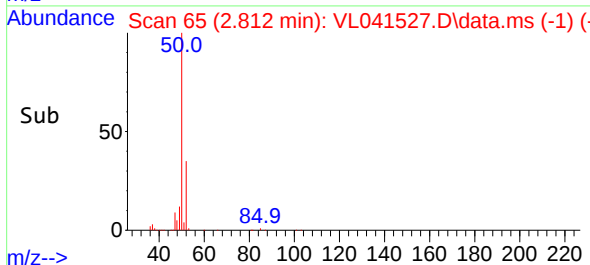
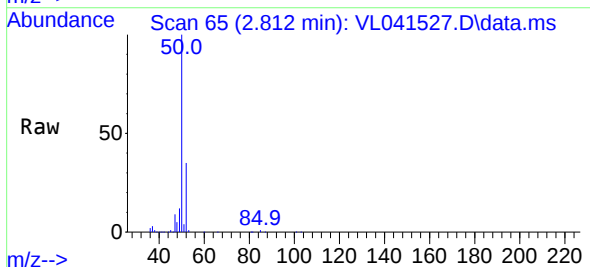
Manual Integrations
APPROVED

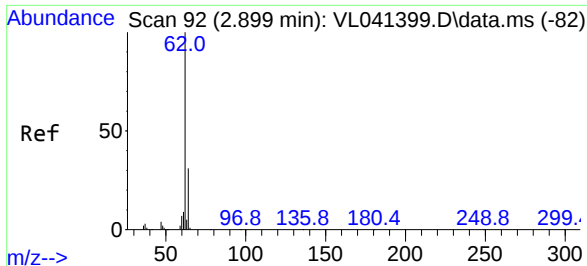
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#4
Chloromethane
Concen: 10.310 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

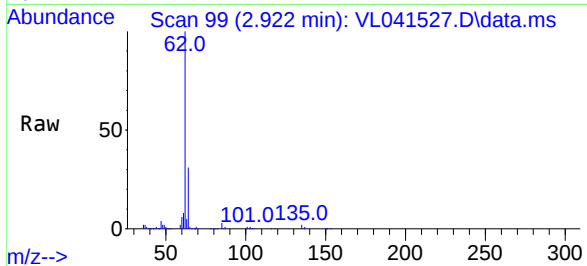
Tgt Ion: 50 Resp: 619455
Ion Ratio Lower Upper
50 100
52 35.1 26.1 39.1





#5
 Vinyl Chloride
 Concen: 10.500 ppbv
 RT: 2.922 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

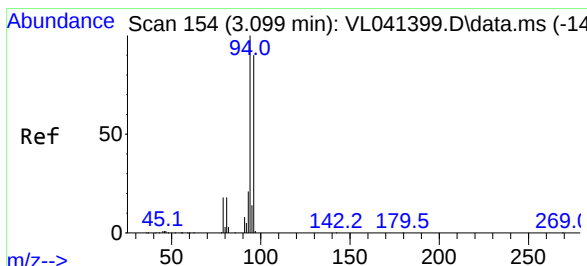
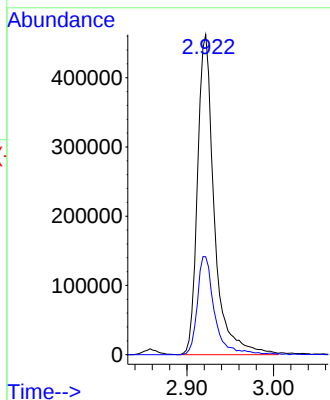
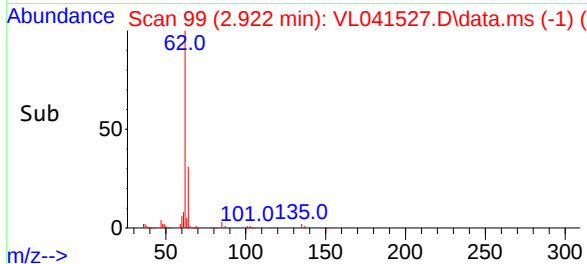
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



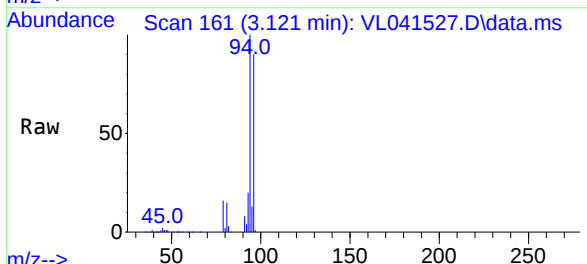
Tgt Ion: 62 Resp: 621840
 Ion Ratio Lower Upper
 62 100
 64 30.6 25.0 37.4

Manual Integrations
 APPROVED

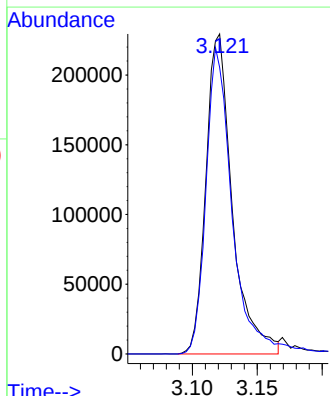
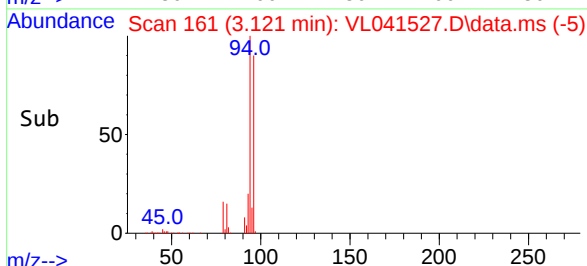
Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

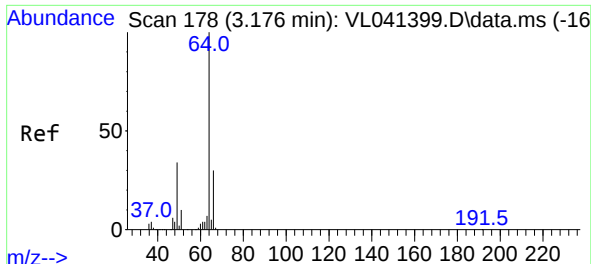


#6
 Bromomethane
 Concen: 10.663 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46



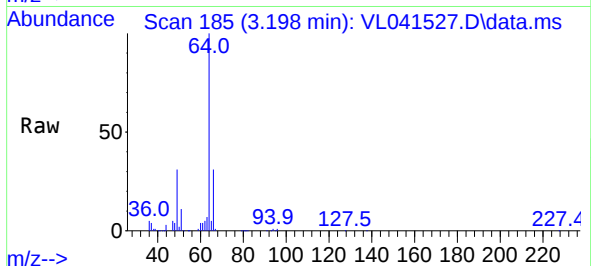
Tgt Ion: 94 Resp: 324573
 Ion Ratio Lower Upper
 94 100
 96 89.6 72.3 108.5





#7
Chloroethane
Concen: 10.329 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

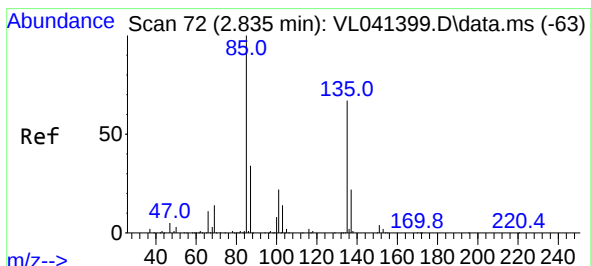
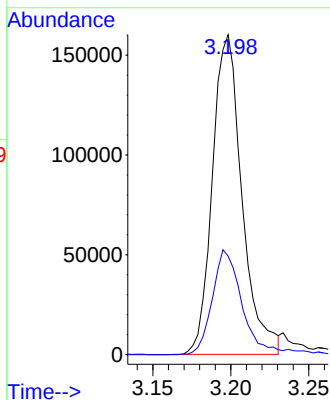
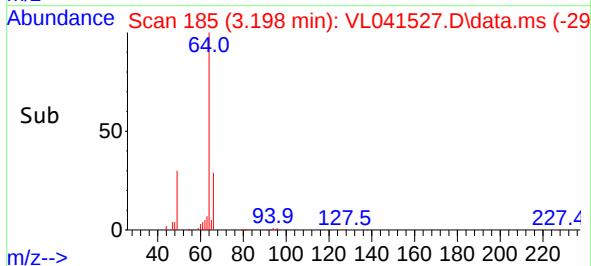
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



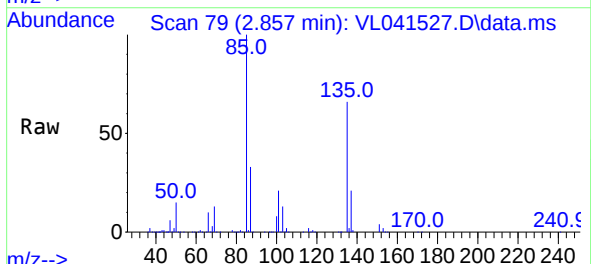
Tgt Ion: 64 Resp: 211114
Ion Ratio Lower Upper
64 100
66 30.8 24.2 36.2

Manual Integrations
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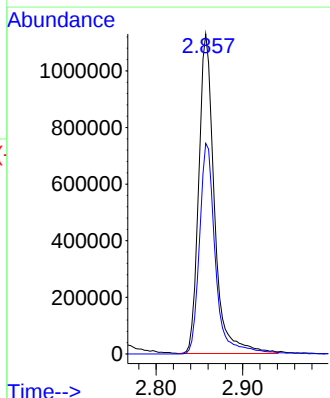
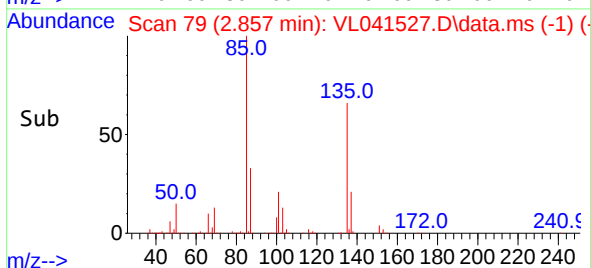
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

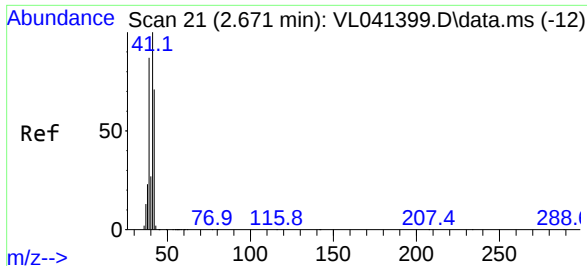


#8
Dichlorotetrafluoroethane
Concen: 9.805 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



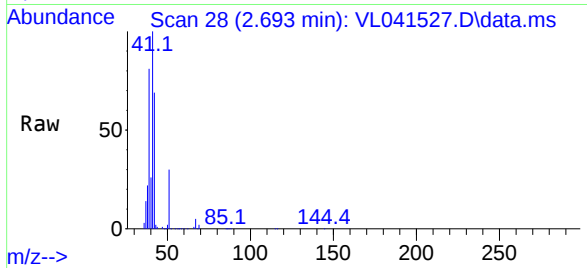
Tgt Ion: 85 Resp: 1418259
Ion Ratio Lower Upper
85 100
135 67.4 55.4 83.0





#9
Propene
Concen: 10.004 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

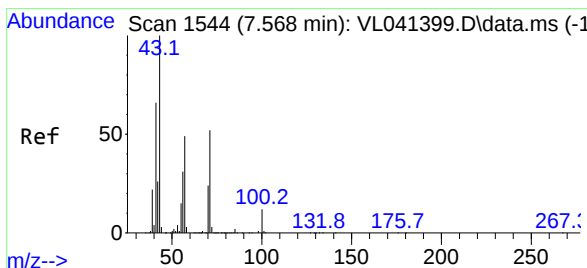
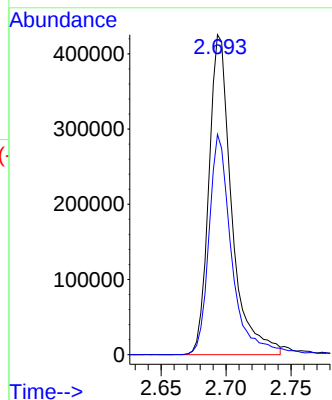
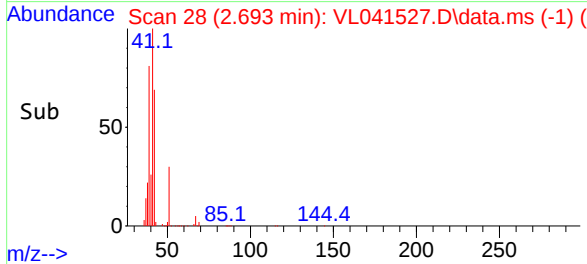
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 41 Resp: 51915
Ion Ratio Lower Upper
41 100
42 69.7 55.9 83.9

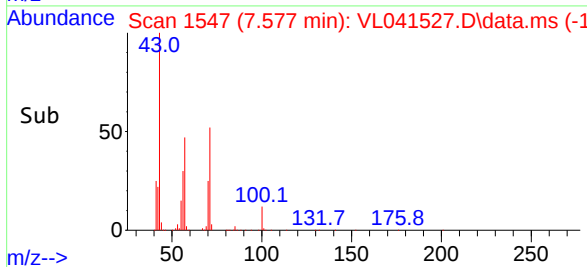
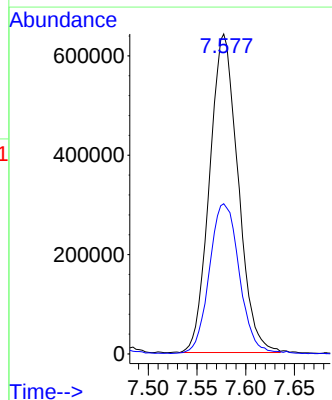
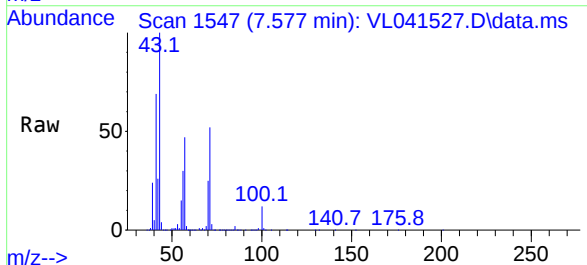
Manual Integrations
APPROVED

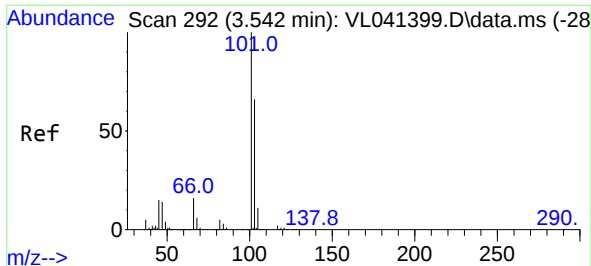
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#10
Heptane
Concen: 11.186 ppbv
RT: 7.577 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

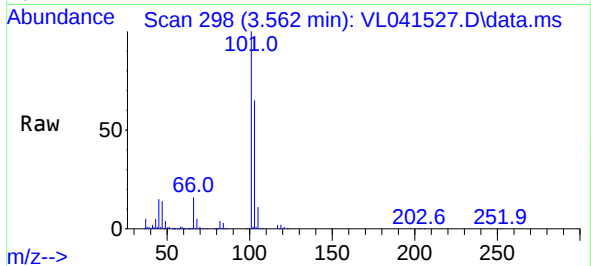
Tgt Ion: 43 Resp: 1304292
Ion Ratio Lower Upper
43 100
57 49.6 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.081 ppbv
RT: 3.562 min Scan# 292
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

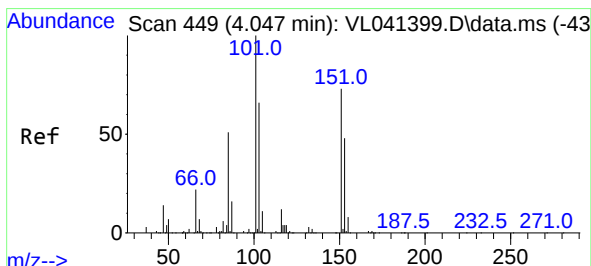
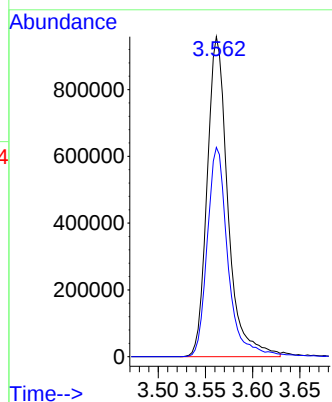
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 146156
Ion Ratio Lower Upper
101 100
103 65.4 52.6 79.0

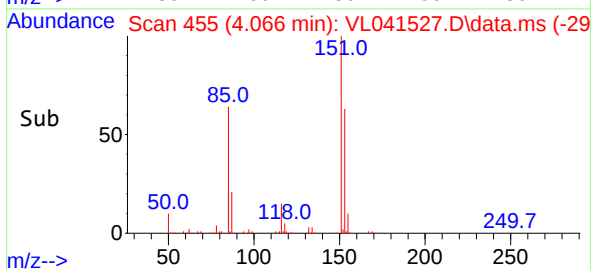
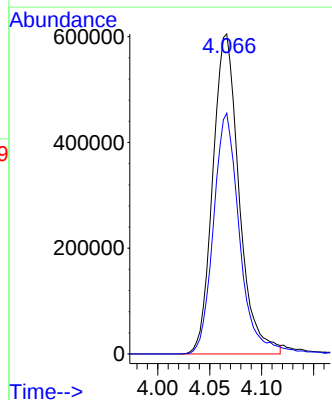
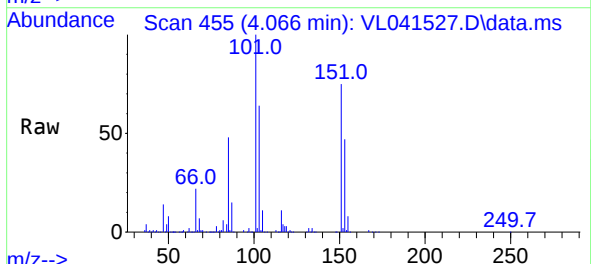
Manual Integrations
APPROVED

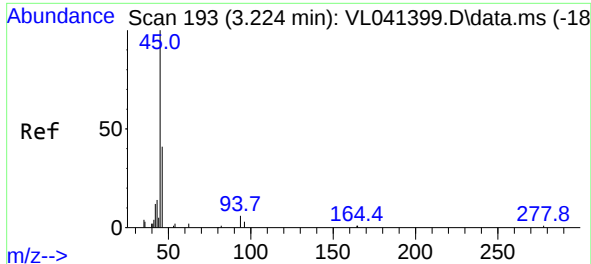
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.212 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion:101 Resp: 1066072
Ion Ratio Lower Upper
101 100
151 75.4 59.4 89.2





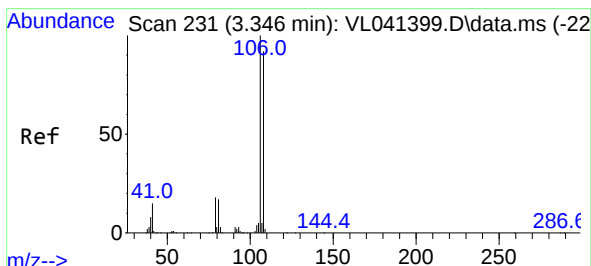
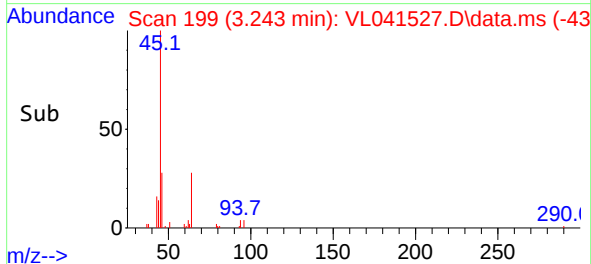
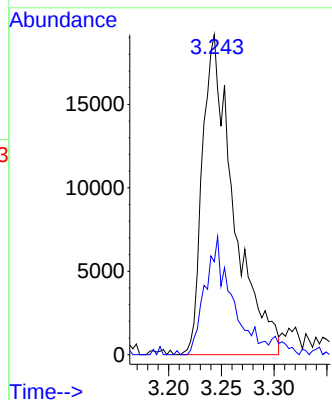
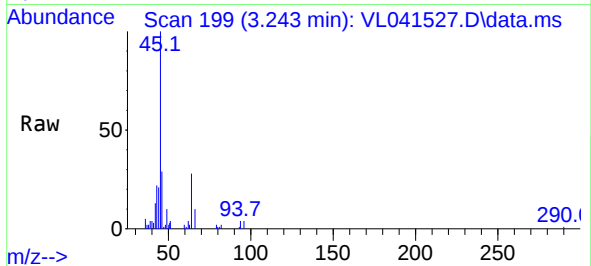
#13
Ethanol
Concen: 8.521 ppbv m
RT: 3.243 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 3952
Ion Ratio Lower Upper
45 100
46 34.4 13.4 53.4

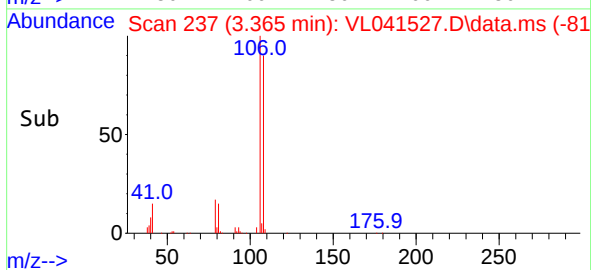
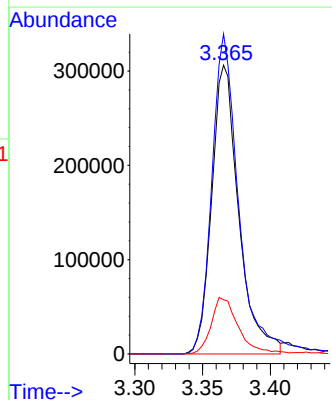
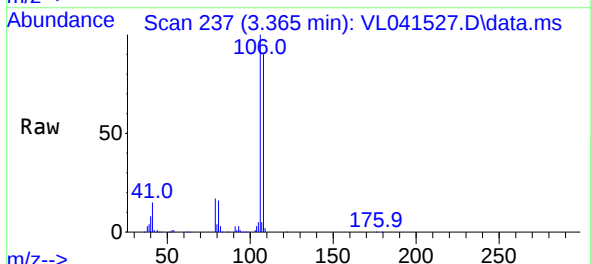
Manual Integrations
APPROVED

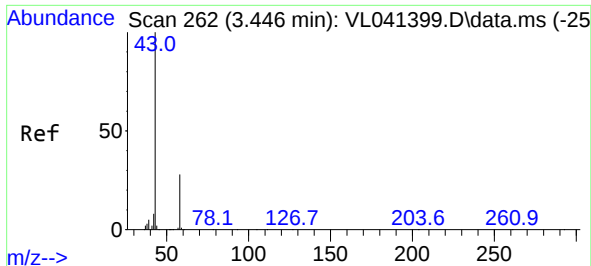
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#14
Bromoethene
Concen: 10.449 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

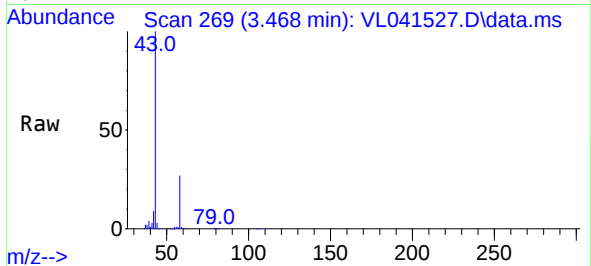
Tgt Ion:108 Resp: 425269
Ion Ratio Lower Upper
108 100
106 111.6 86.9 130.3
79 20.7 16.2 24.4





#15
Acetone
Concen: 10.299 ppbv
RT: 3.468 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

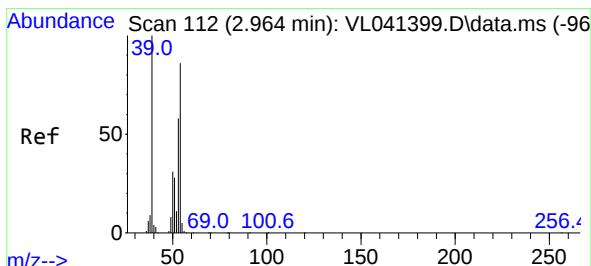
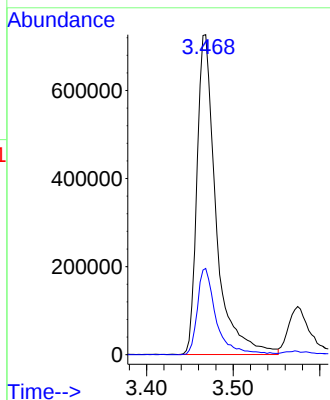
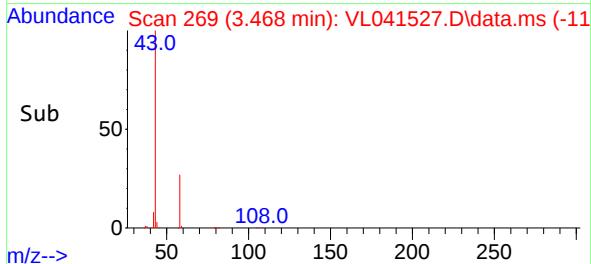
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



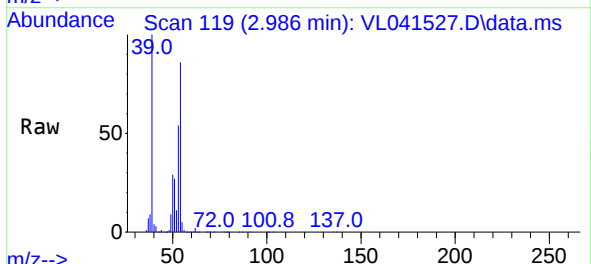
Tgt Ion: 43 Resp: 111039
Ion Ratio Lower Upper
43 100
58 26.6 21.4 32.2

Manual Integrations
APPROVED

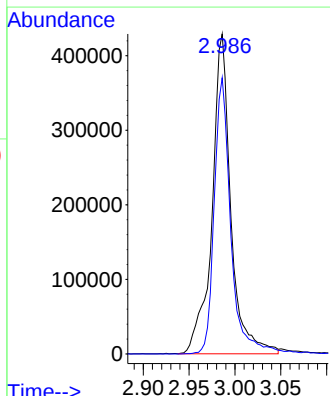
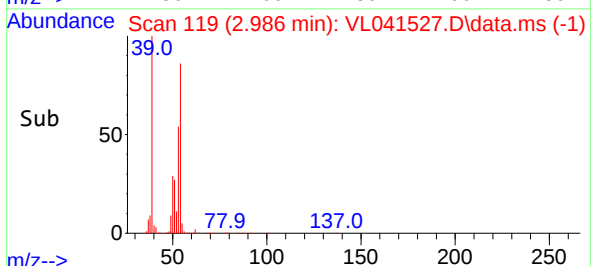
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

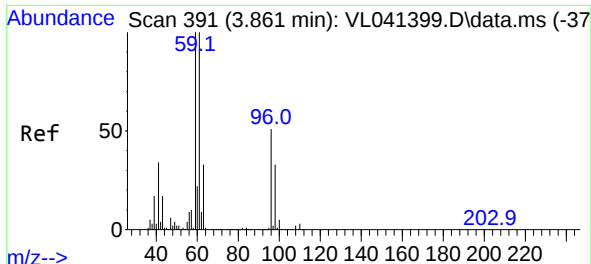


#16
1,3-Butadiene
Concen: 10.607 ppbv
RT: 2.986 min Scan# 119
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



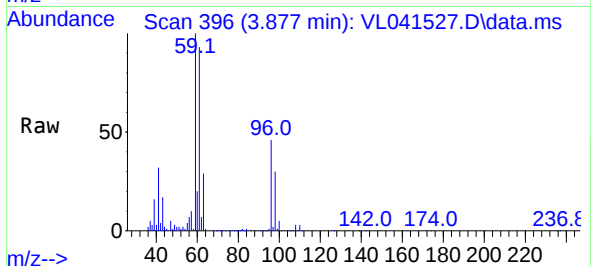
Tgt Ion: 39 Resp: 610988
Ion Ratio Lower Upper
39 100
54 77.1 62.5 93.7





#17
tert-Butyl alcohol
Concen: 11.897 ppbv
RT: 3.877 min Scan# 391
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

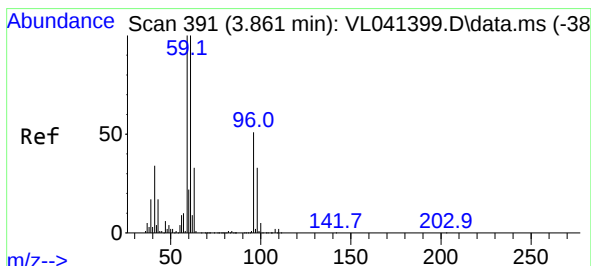
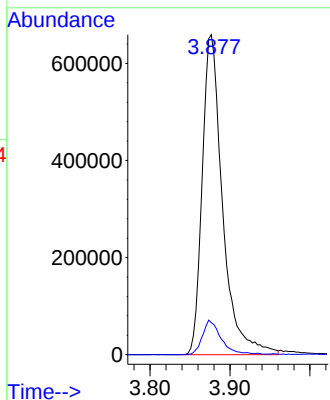
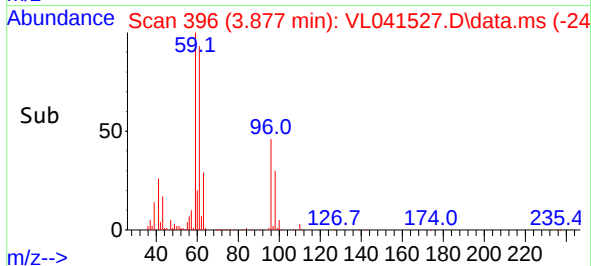
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



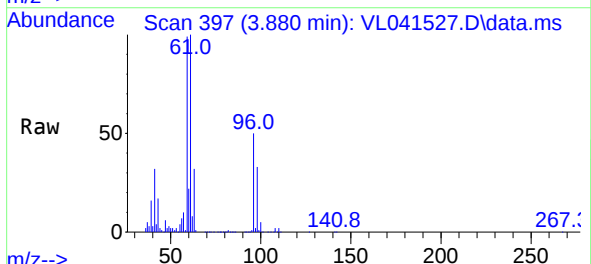
Tgt Ion: 59 Resp: 1169878
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
APPROVED

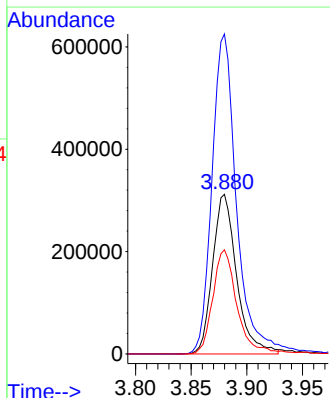
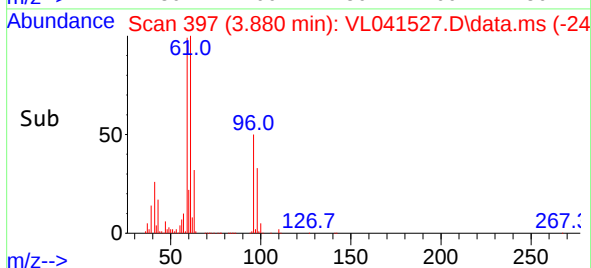
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

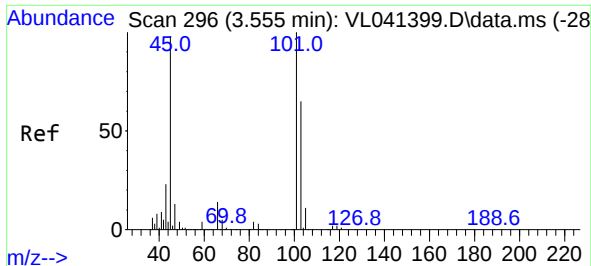


#18
1,1-Dichloroethene
Concen: 10.521 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



Tgt Ion: 96 Resp: 469860
Ion Ratio Lower Upper
96 100
61 200.5 157.5 236.3
98 65.3 51.2 76.8





#19
Isopropyl Alcohol
Concen: 10.965 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

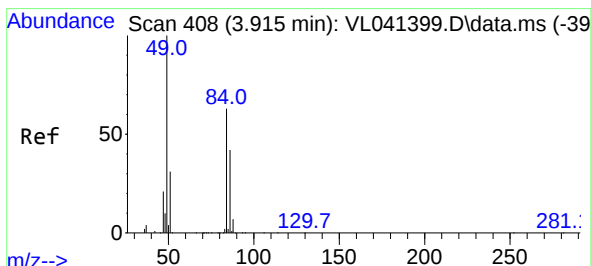
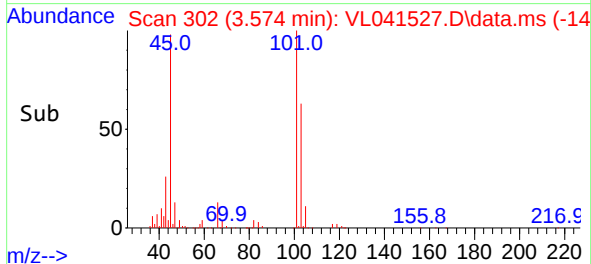
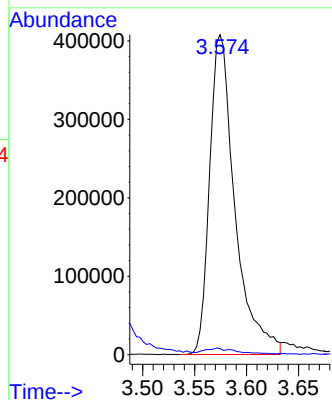
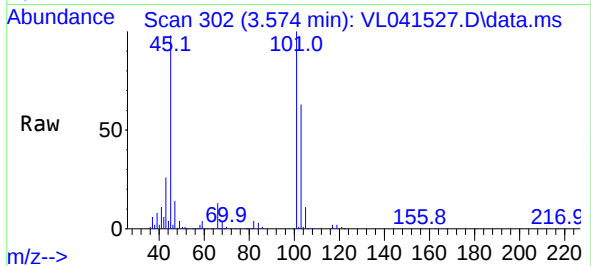
ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 691170
Ion Ratio Lower Upper
45 100
58 2.9 1.9 2.9

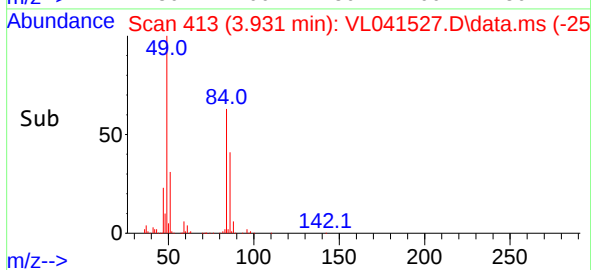
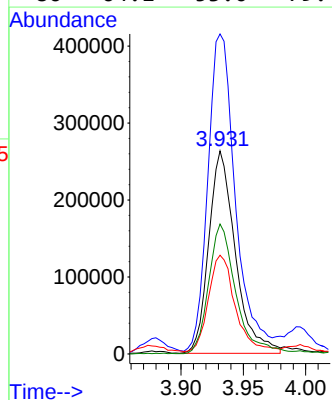
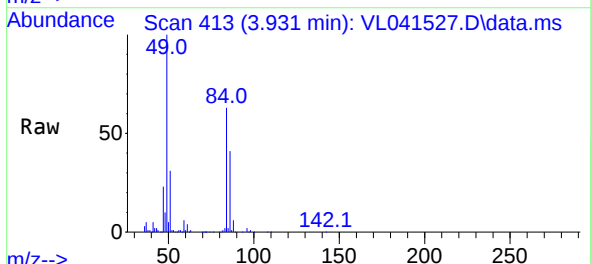
Manual Integrations
APPROVED

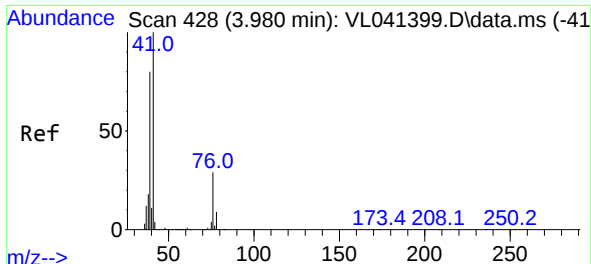
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#20
Methylene Chloride
Concen: 9.755 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 84 Resp: 392216
Ion Ratio Lower Upper
84 100
49 156.5 126.6 190.0
51 47.3 38.6 58.0
86 64.1 53.0 79.4





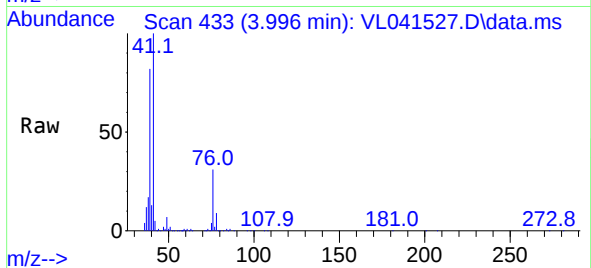
#21
 Allyl Chloride
 Concen: 10.926 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

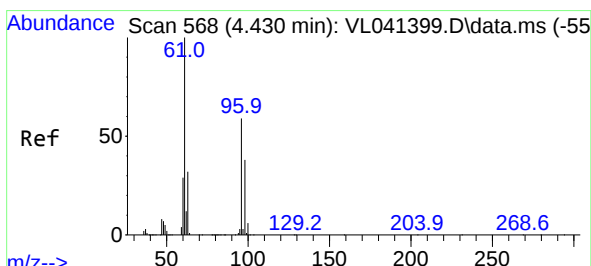
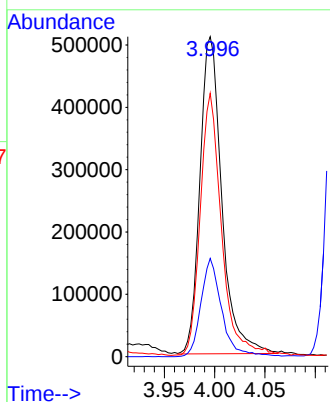
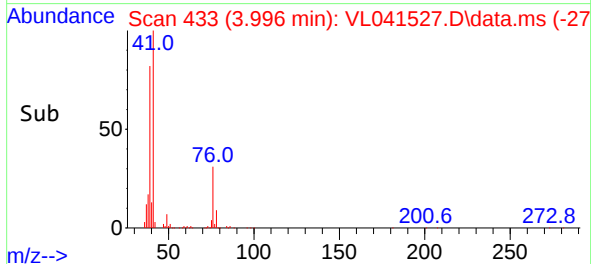


Tgt Ion: 41 Resp: 772532
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.7 35.5
 39 81.0 64.3 96.5

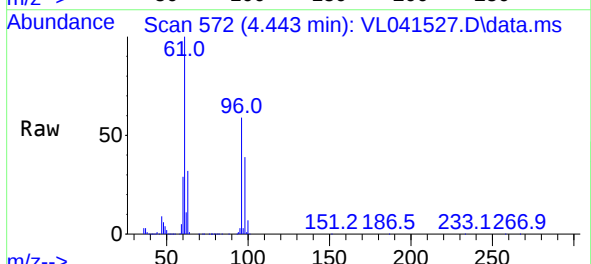
Manual Integrations

APPROVED

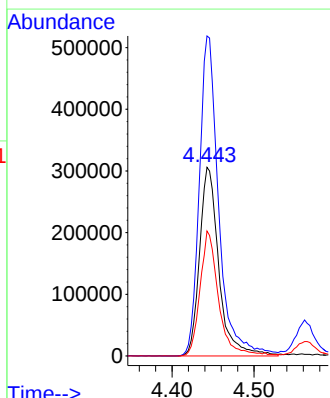
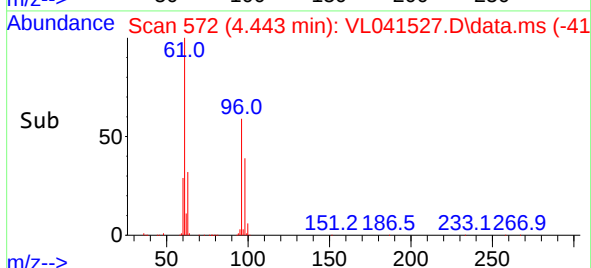
Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

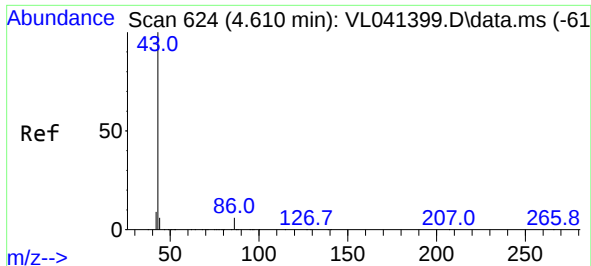


#22
 trans-1,2-Dichloroethene
 Concen: 11.208 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46



Tgt Ion: 96 Resp: 500475
 Ion Ratio Lower Upper
 96 100
 61 169.5 135.4 203.2
 98 66.3 51.0 76.4





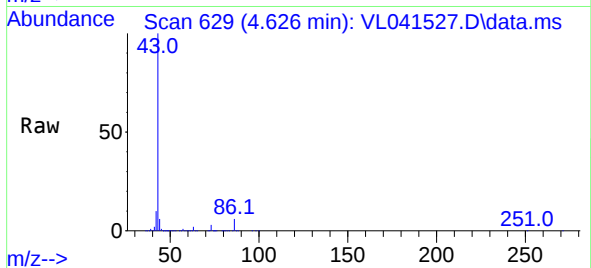
#23
 Vinyl Acetate
 Concen: 11.994 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

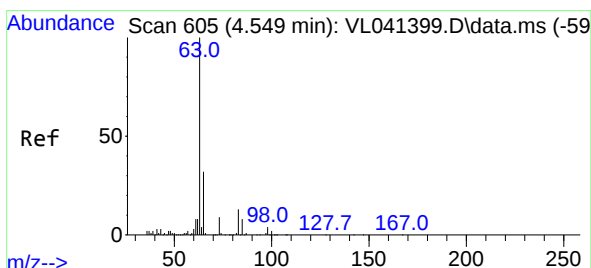
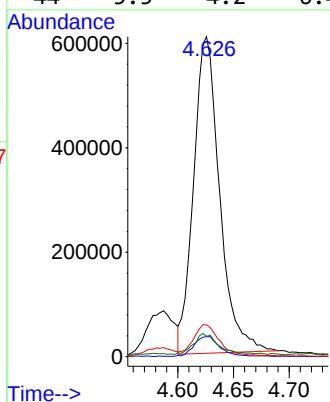
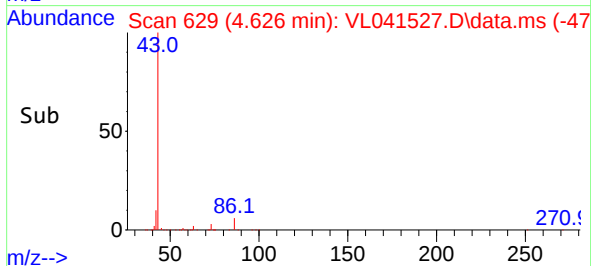


Tgt Ion: 43 Resp: 98762
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.6 6.8
 42 9.9 7.9 11.9
 44 5.5 4.2 6.4

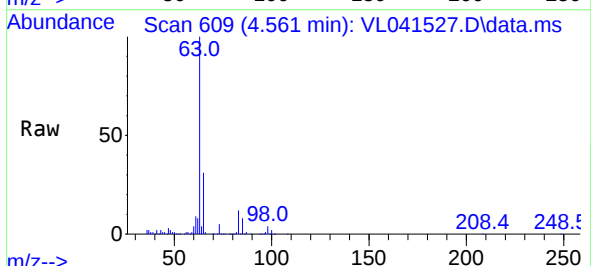
Manual Integrations

APPROVED

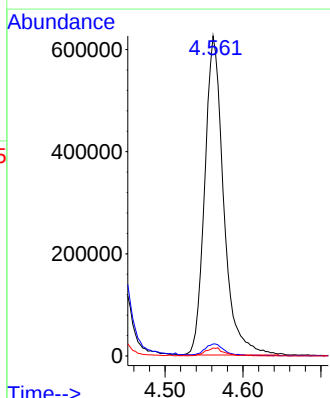
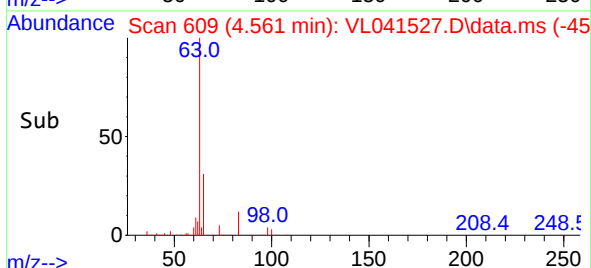
Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

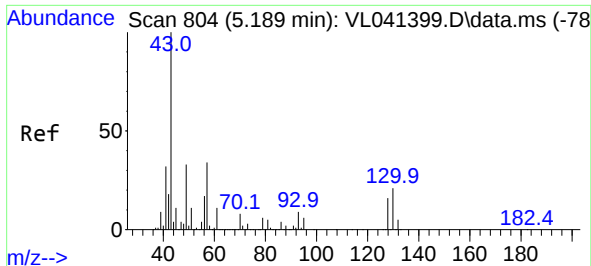


#24
 1,1-Dichloroethane
 Concen: 10.834 ppbv
 RT: 4.561 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46



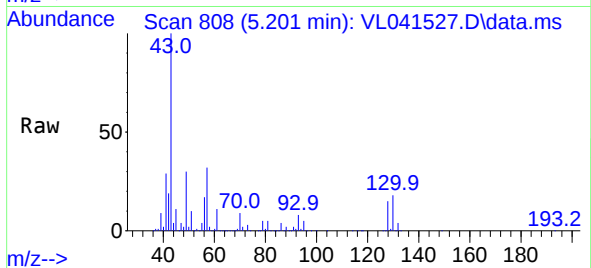
Tgt Ion: 63 Resp: 1050452
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 6.0
 100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 10.898 ppbv
RT: 5.201 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

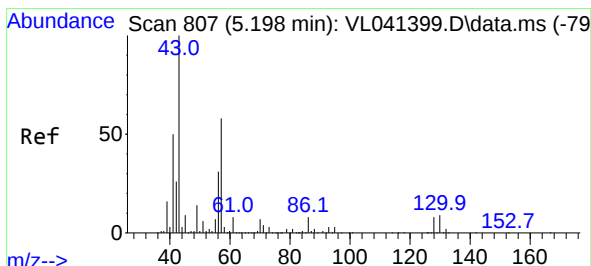
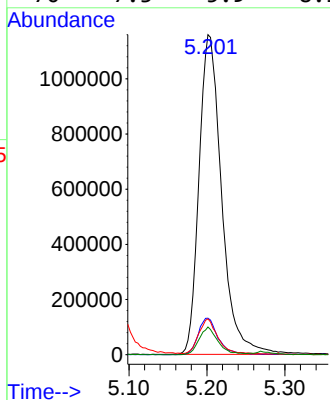
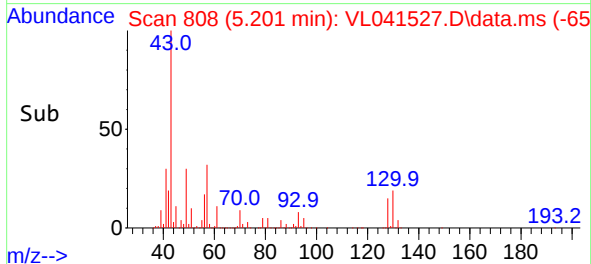


Tgt Ion: 43 Resp: 2334339

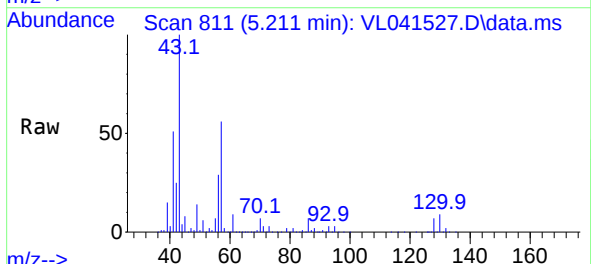
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.1	8.0	12.0
70	7.3	5.9	8.9

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

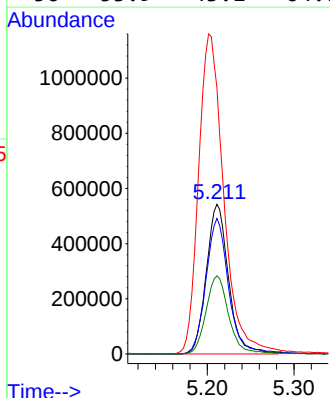
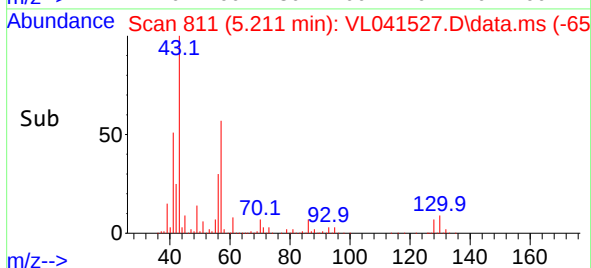


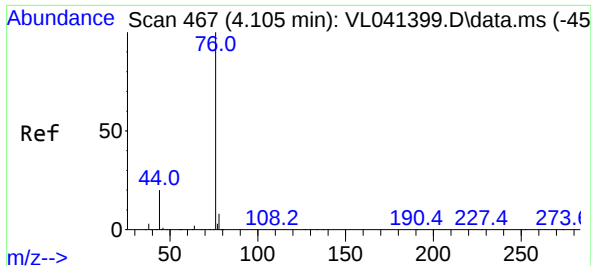
#26
Hexane
Concen: 10.867 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



Tgt Ion: 57 Resp: 965613

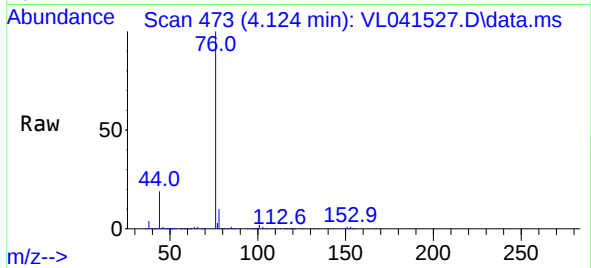
Ion	Ratio	Lower	Upper
57	100		
41	93.3	74.0	111.0
43	244.8	193.6	290.4
56	53.9	43.1	64.7





#27
Carbon Disulfide
Concen: 11.053 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

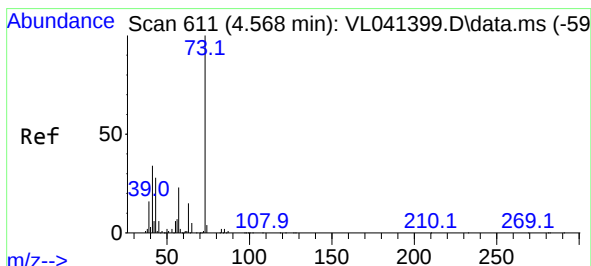
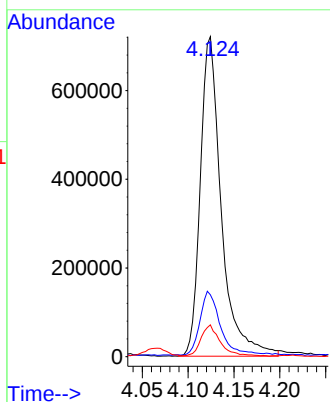
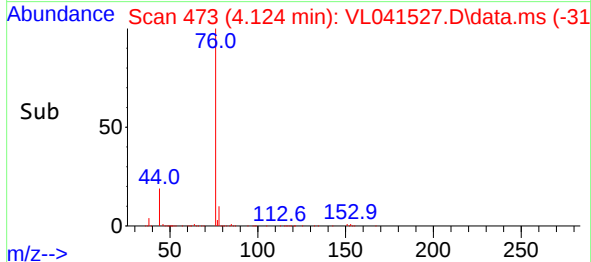
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



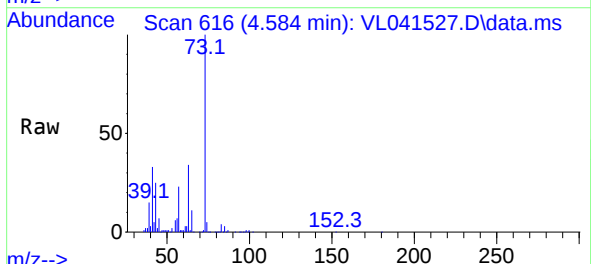
Tgt Ion: 76 Resp: 114894
Ion Ratio Lower Upper
76 100
44 20.0 15.6 23.4
78 9.4 7.7 11.5

Manual Integrations
APPROVED

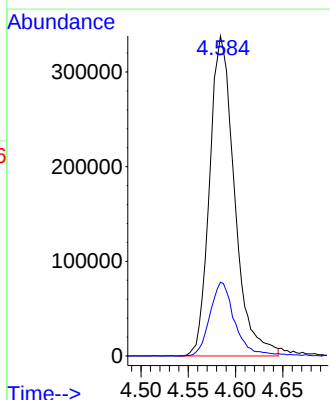
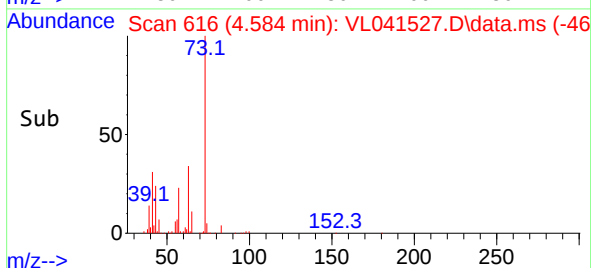
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

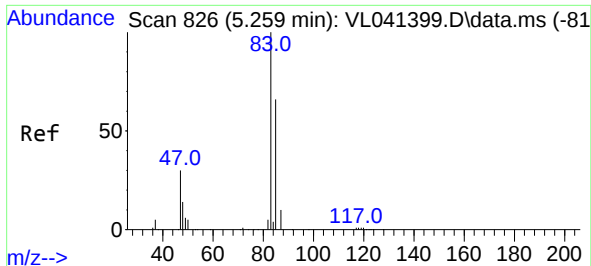


#28
Methyl tert-Butyl Ether
Concen: 11.071 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



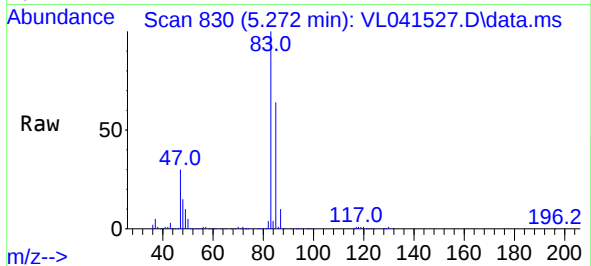
Tgt Ion: 73 Resp: 620342
Ion Ratio Lower Upper
73 100
57 23.3 18.9 28.3





#29
Chloroform
Concen: 10.460 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

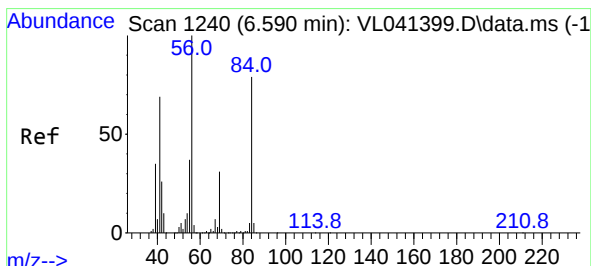
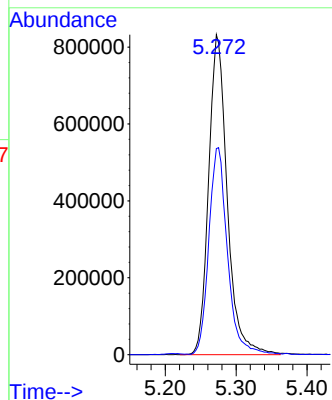
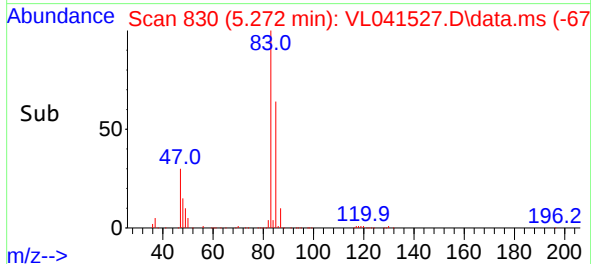
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



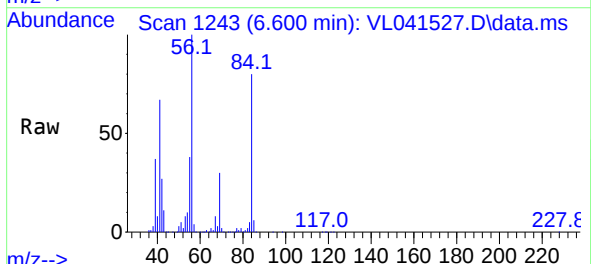
Tgt Ion: 83 Resp: 1516034
Ion Ratio Lower Upper
83 100
85 64.1 53.1 79.7

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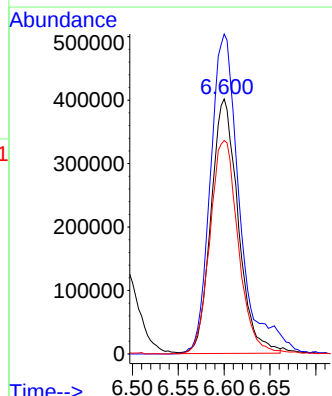
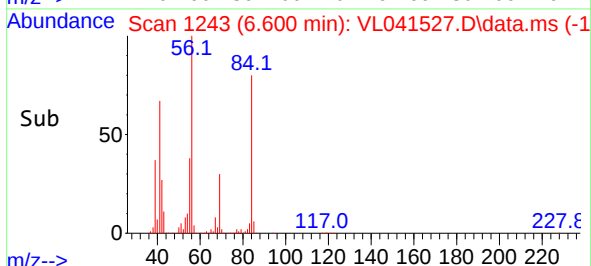
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

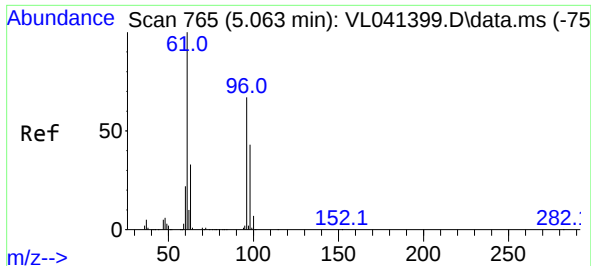


#30
Cyclohexane
Concen: 11.410 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



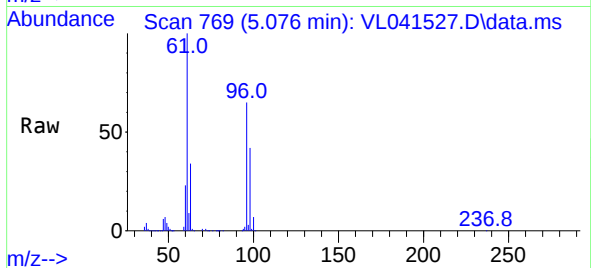
Tgt Ion: 84 Resp: 825630
Ion Ratio Lower Upper
84 100
56 136.8 111.2 166.8
41 88.1 70.3 105.5





#31
cis-1,2-Dichloroethene
Concen: 10.783 ppbv
RT: 5.076 min Scan# 70
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

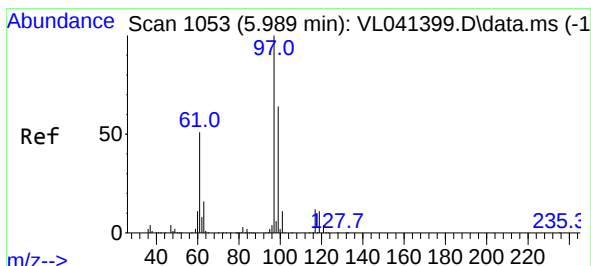
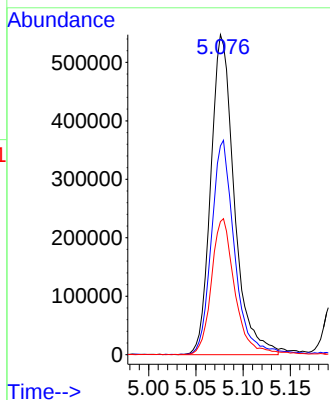
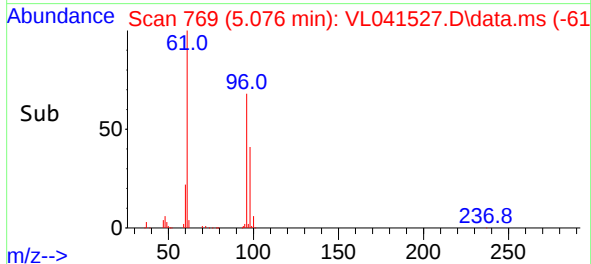
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



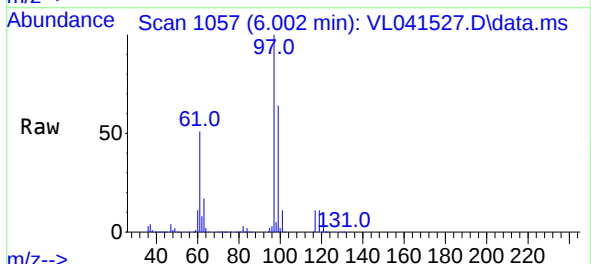
Tgt Ion: 61 Resp: 94651
Ion Ratio Lower Upper
61 100
96 65.2 53.4 80.2
98 41.5 34.4 51.6

Manual Integrations
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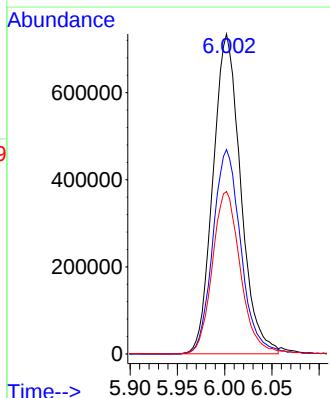
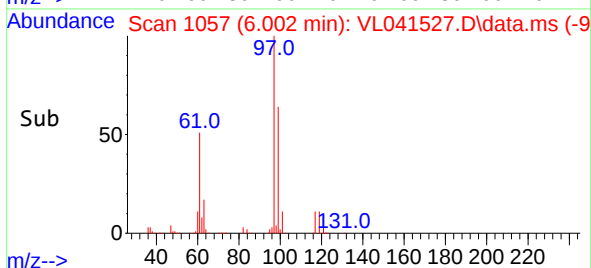
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

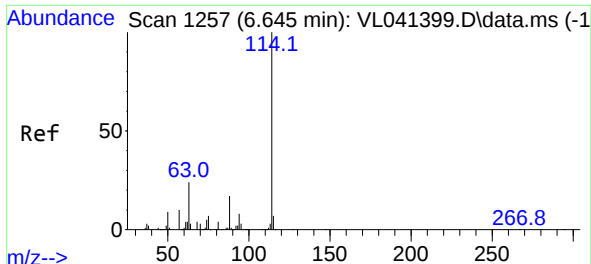


#32
1,1,1-Trichloroethane
Concen: 10.586 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



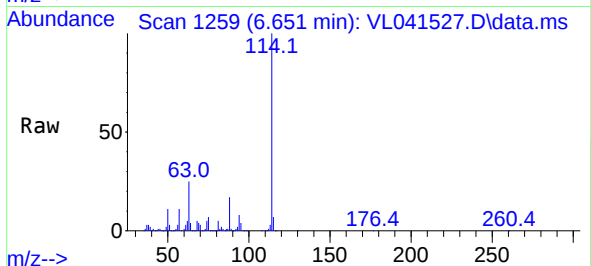
Tgt Ion: 97 Resp: 1493406
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 52.1 41.8 62.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

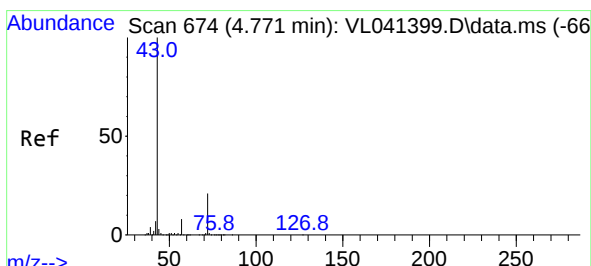
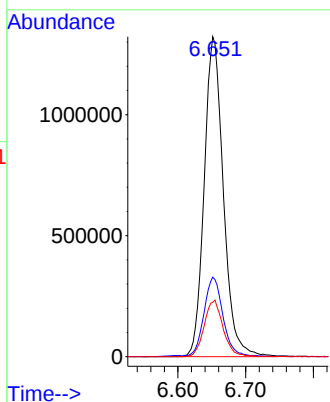
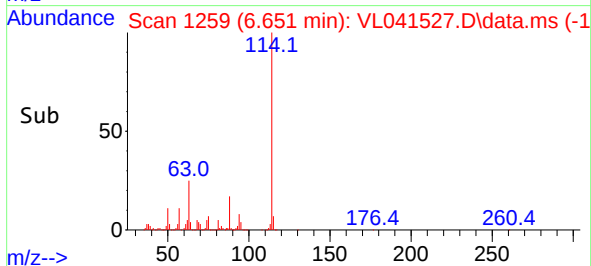
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 2600579
Ion Ratio Lower Upper
114 100
63 25.2 20.3 30.5
88 17.5 14.3 21.5

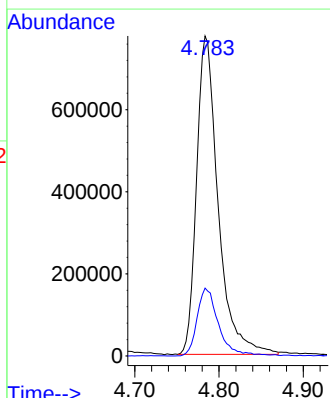
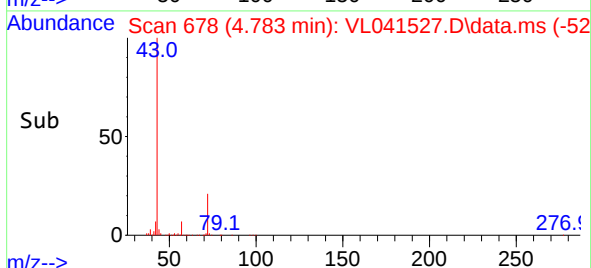
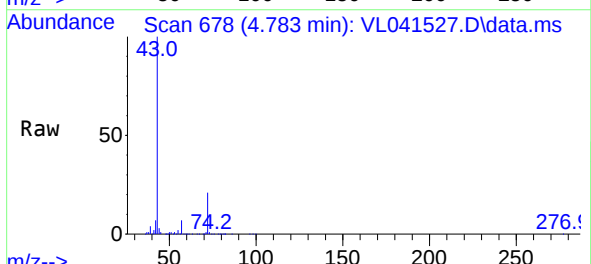
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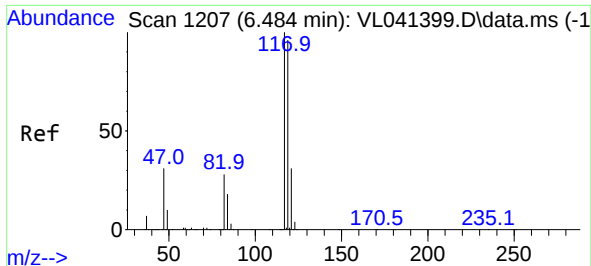
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#34
2-Butanone
Concen: 10.958 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 43 Resp: 1378498
Ion Ratio Lower Upper
43 100
72 21.4 17.3 25.9





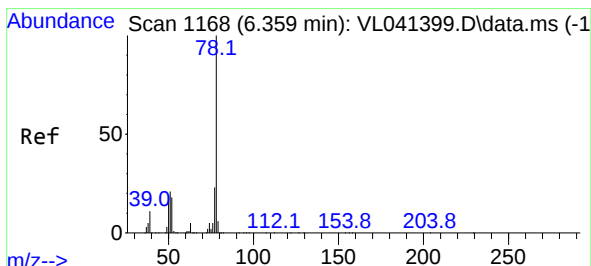
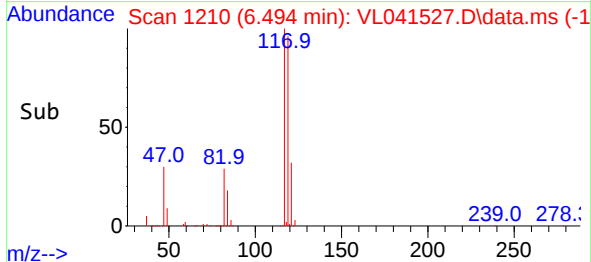
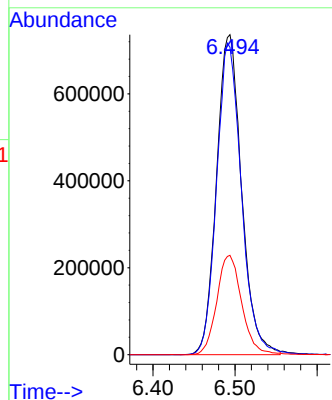
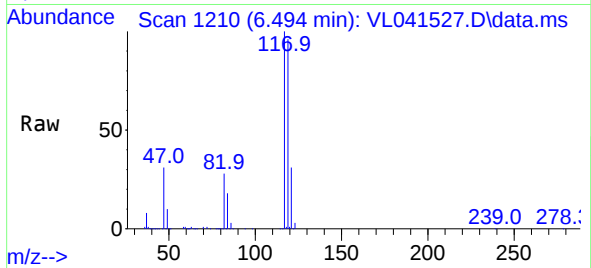
#35
Carbon Tetrachloride
Concen: 10.871 ppbv
RT: 6.494 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 155932
Ion Ratio Lower Upper
117 100
119 96.0 76.6 115.0
121 31.1 25.1 37.7

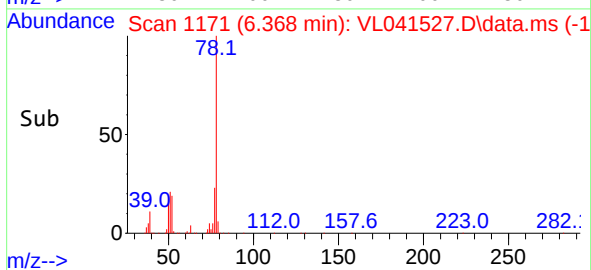
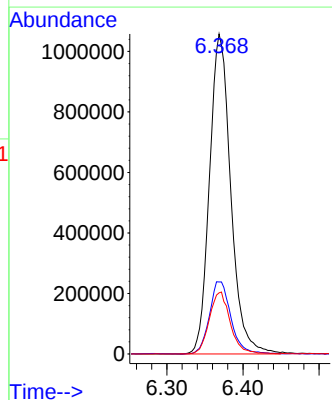
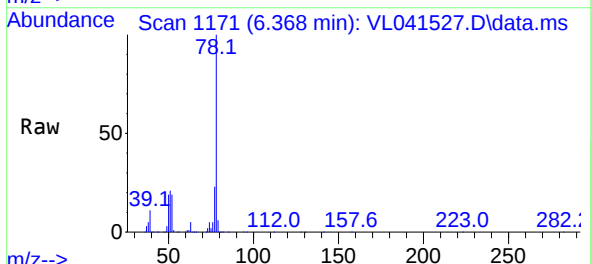
Manual Integrations
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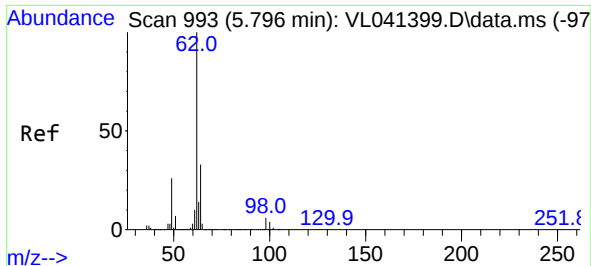
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#36
Benzene
Concen: 10.804 ppbv
RT: 6.368 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 78 Resp: 2053064
Ion Ratio Lower Upper
78 100
77 22.5 18.1 27.1
50 19.1 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.811 ppbv

RT: 5.806 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 114979

Ion Ratio Lower Upper

62 100

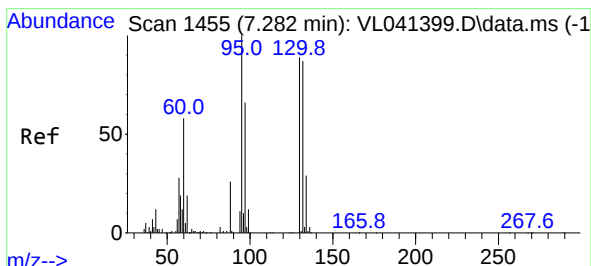
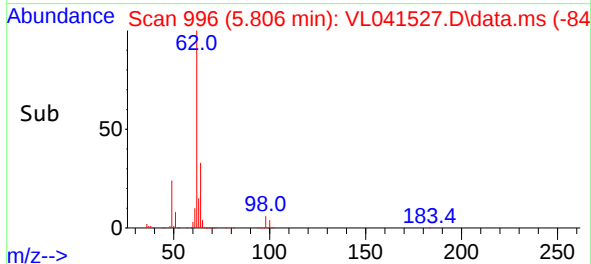
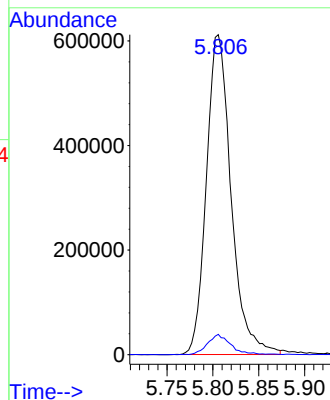
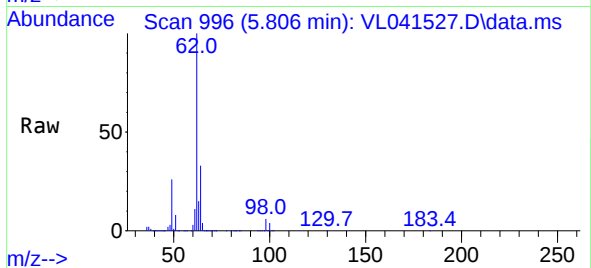
98 6.1 5.0 7.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#38

Trichloroethene

Concen: 10.895 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Tgt Ion:130 Resp: 948439

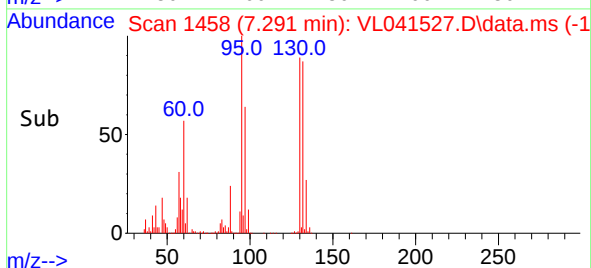
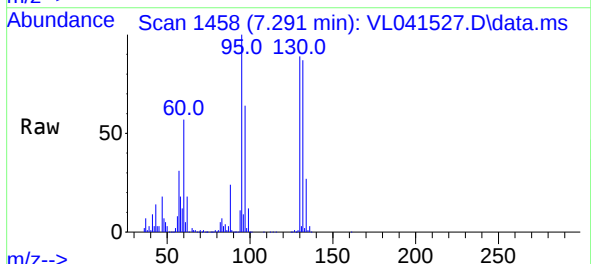
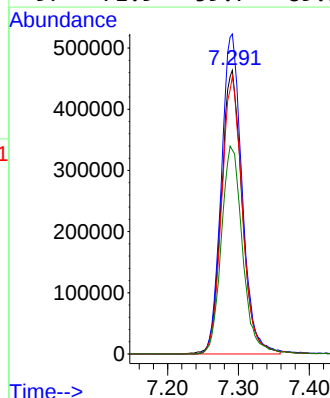
Ion Ratio Lower Upper

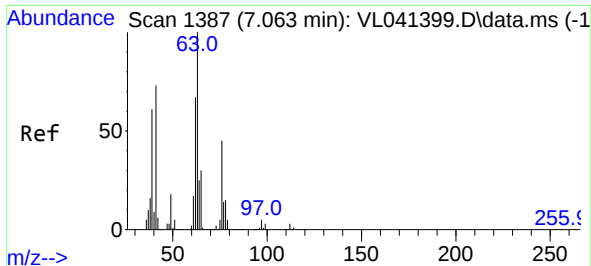
130 100

95 112.8 90.2 135.2

132 97.9 78.1 117.1

97 71.9 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.865 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041527.D

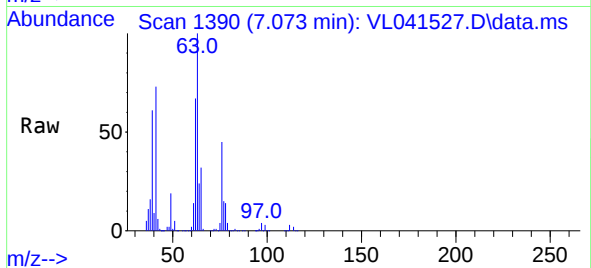
Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 63 Resp: 790468

Ion Ratio Lower Upper

63 100

41 72.9 58.3 87.5

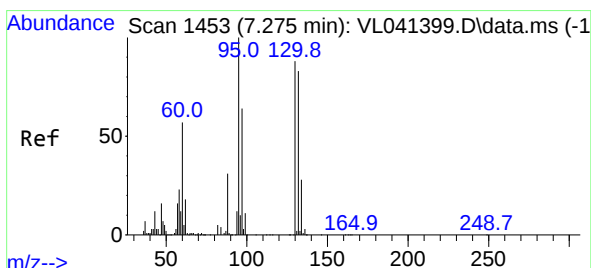
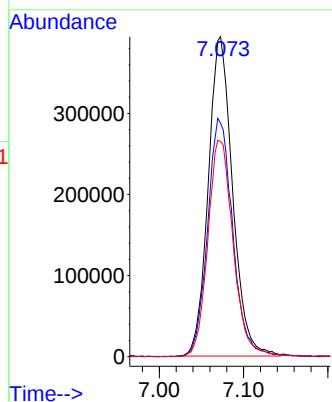
62 67.3 53.9 80.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#40

1,4-Dioxane

Concen: 10.801 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Tgt Ion: 88 Resp: 315670

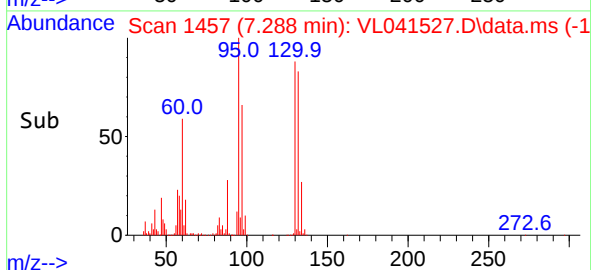
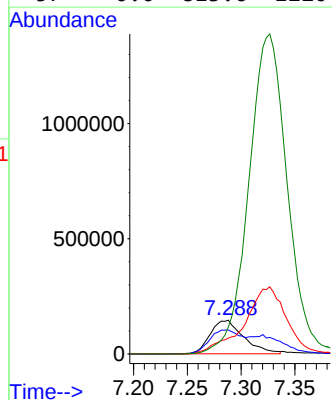
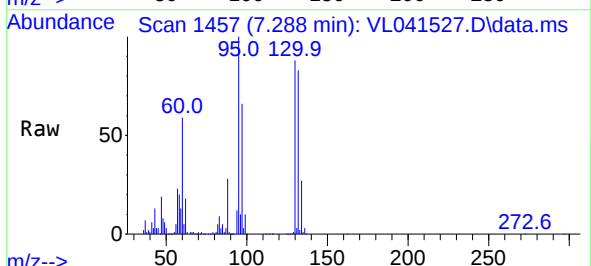
Ion Ratio Lower Upper

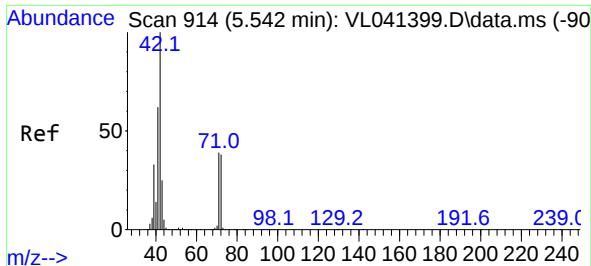
88 100

58 126.9 95.8 143.6

43 0.0 188.2 282.2#

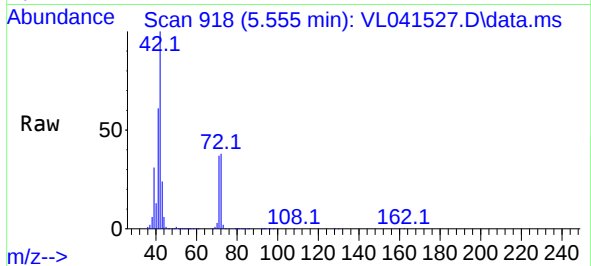
57 0.0 813.6 1220.4#





#41
Tetrahydrofuran
Concen: 11.659 ppbv
RT: 5.555 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

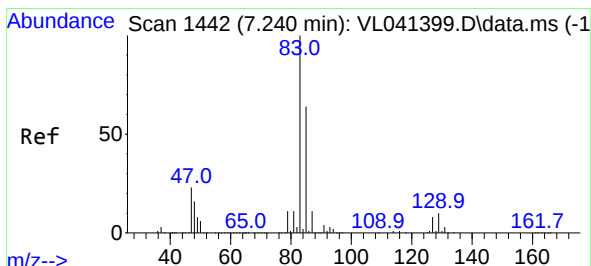
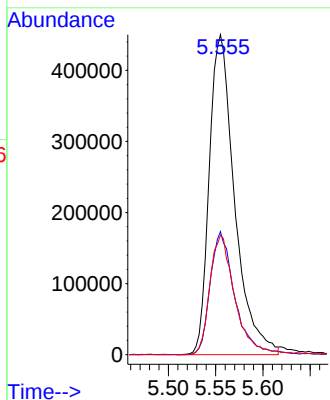
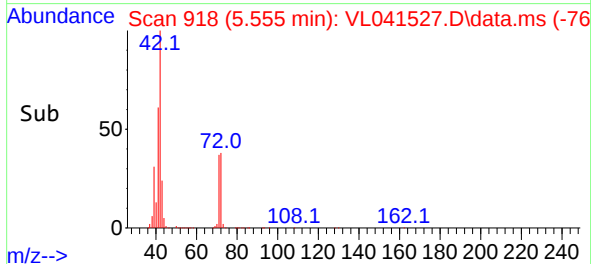
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



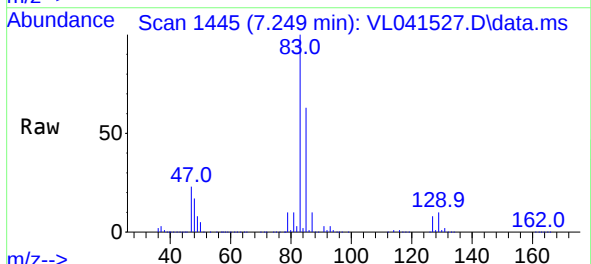
Tgt Ion: 42 Resp: 838835
Ion Ratio Lower Upper
42 100
72 37.7 31.2 46.8
71 37.5 30.5 45.7

Manual Integrations
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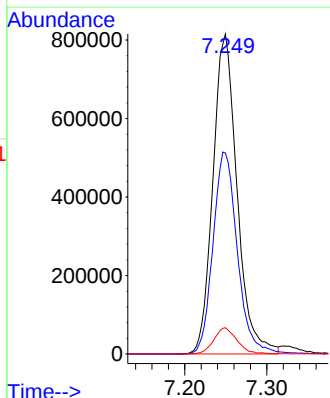
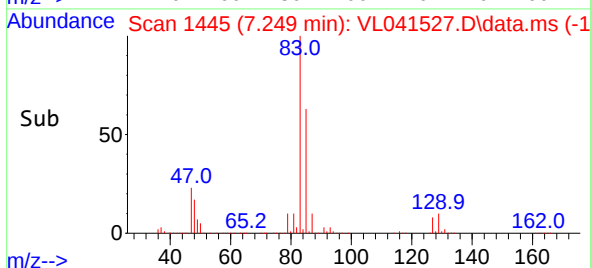
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

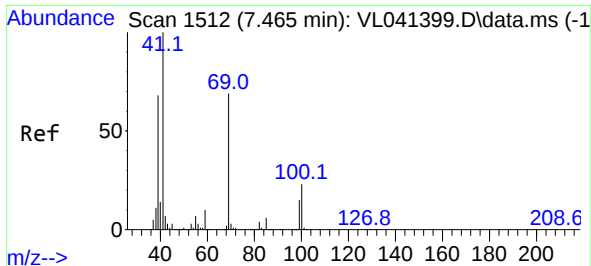


#42
Bromodichloromethane
Concen: 10.864 ppbv
RT: 7.249 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



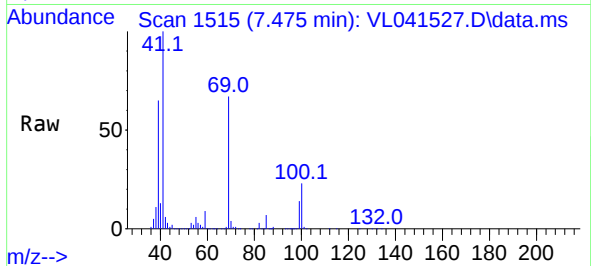
Tgt Ion: 83 Resp: 1668411
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.0
127 8.2 6.7 10.1





#43
Methyl Methacrylate
Concen: 11.866 ppbv
RT: 7.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

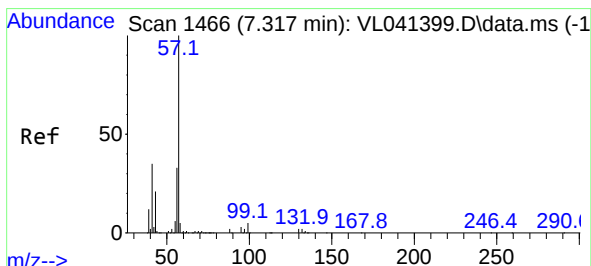
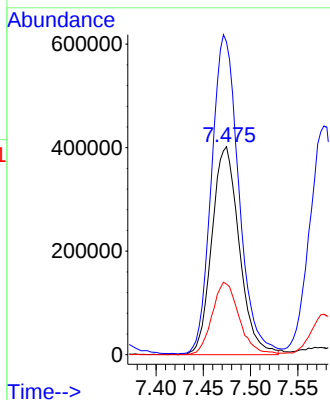
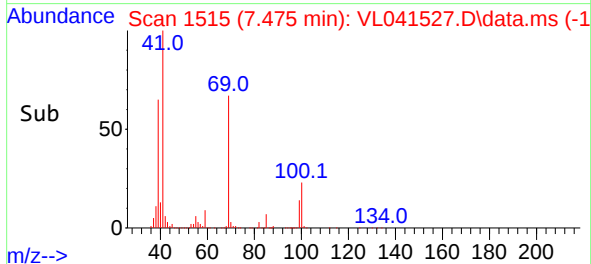
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



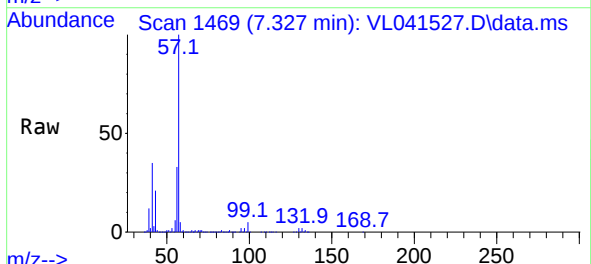
Tgt Ion: 69 Resp: 80855
Ion Ratio Lower Upper
69 100
41 153.9 118.7 178.1
100 34.5 27.0 40.4

Manual Integrations
APPROVED

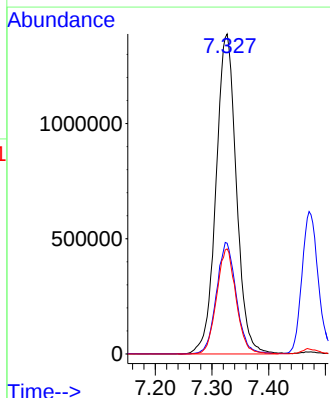
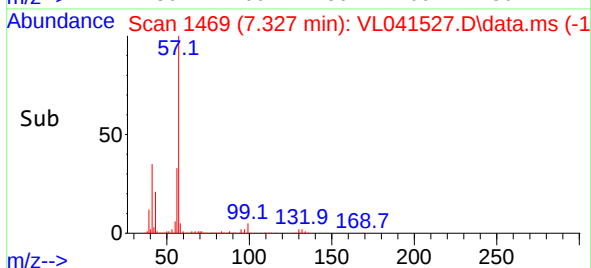
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

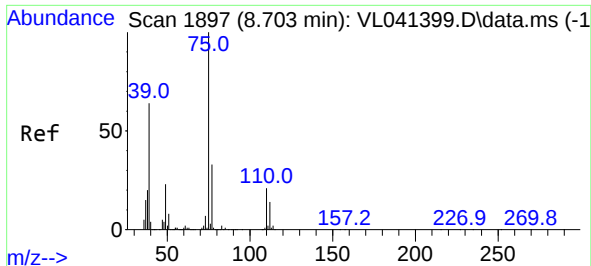


#44
2,2,4-Trimethylpentane
Concen: 10.902 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



Tgt Ion: 57 Resp: 3460189
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.5 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 13.325 ppbv

RT: 8.709 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 835718

Ion Ratio Lower Upper

75 100

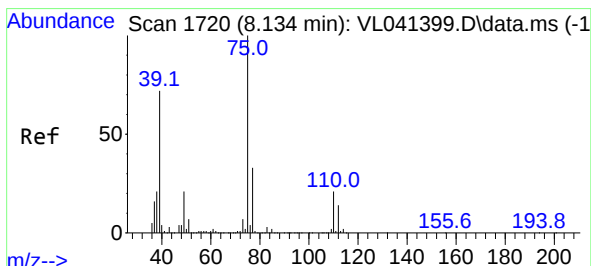
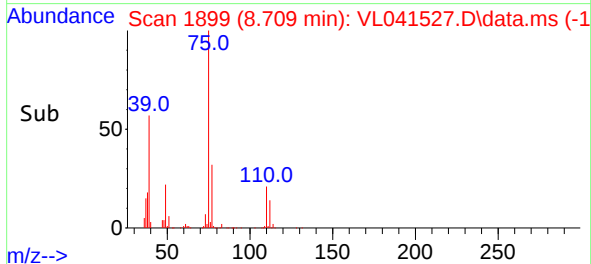
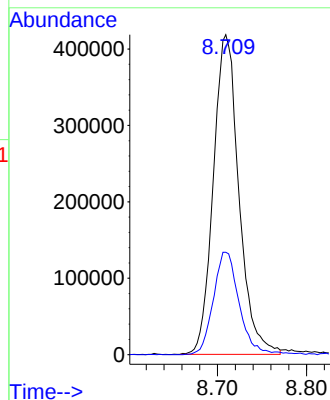
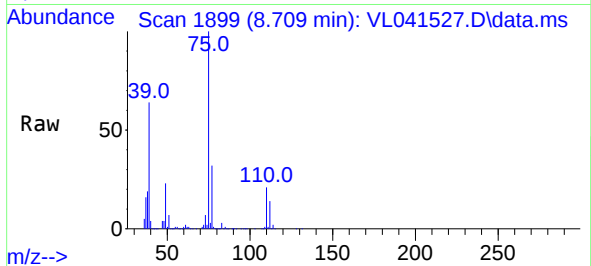
77 32.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#46

cis-1,3-Dichloropropene

Concen: 12.344 ppbv

RT: 8.143 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

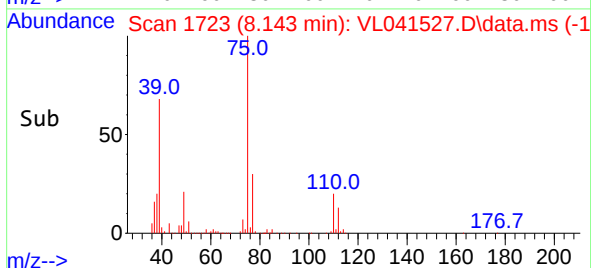
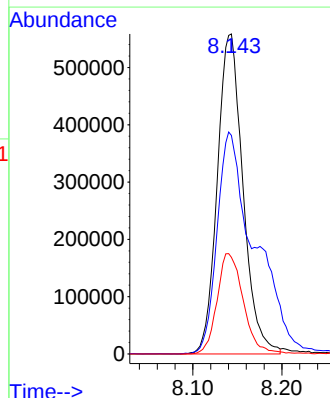
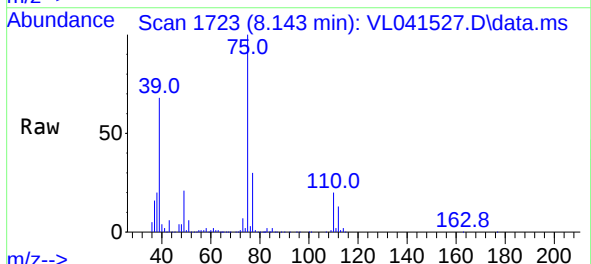
Tgt Ion: 75 Resp: 1117986

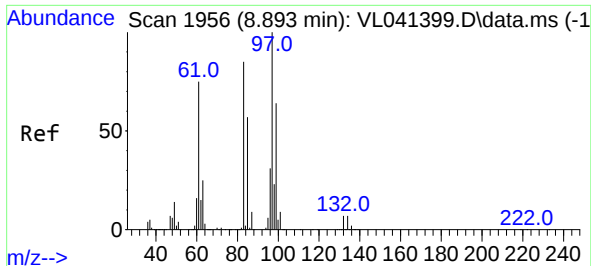
Ion Ratio Lower Upper

75 100

39 68.3 57.3 85.9

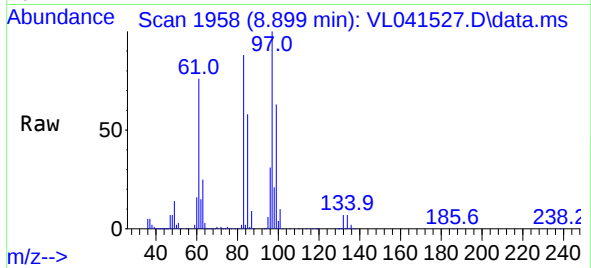
77 30.2 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 10.562 ppbv
RT: 8.899 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

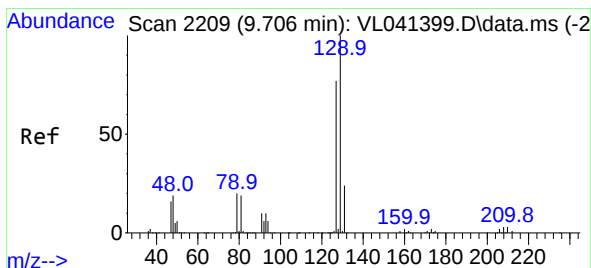
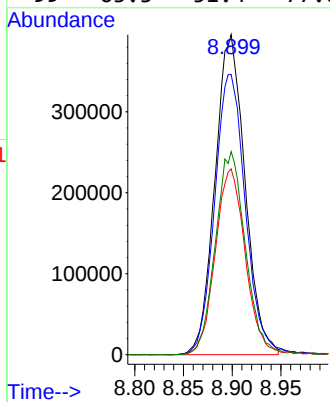
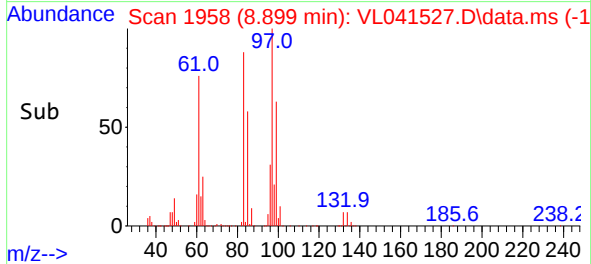
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 846970
Ion Ratio Lower Upper
97 100
83 87.4 67.6 101.4
85 58.0 45.9 68.9
99 63.3 51.4 77.0

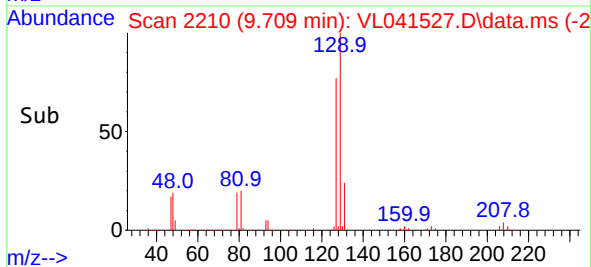
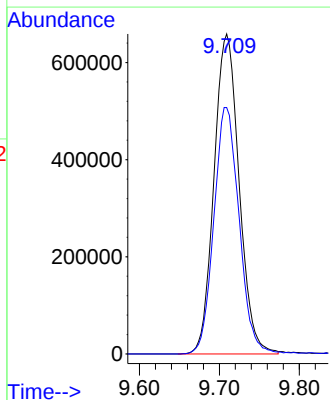
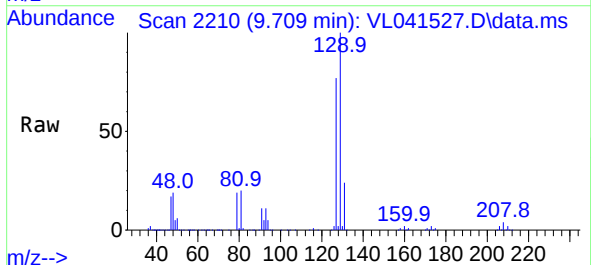
Manual Integrations
APPROVED

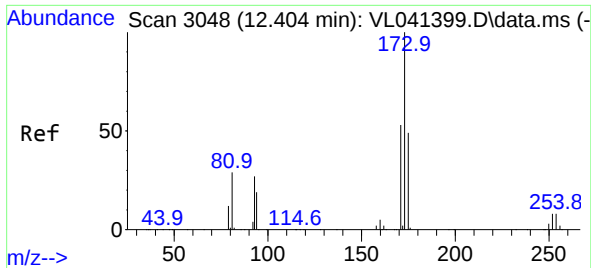
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#48
Dibromochloromethane
Concen: 11.108 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

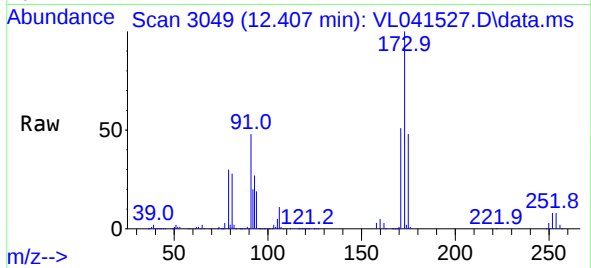
Tgt Ion:129 Resp: 1435054
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.8





#49
Bromoform
Concen: 11.401 ppbv
RT: 12.407 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

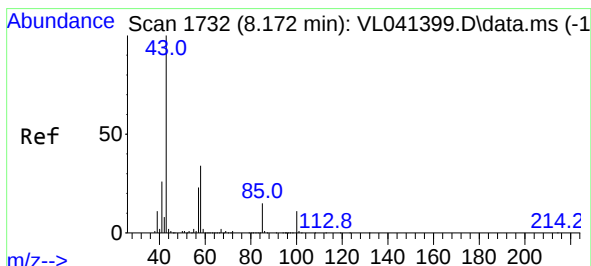
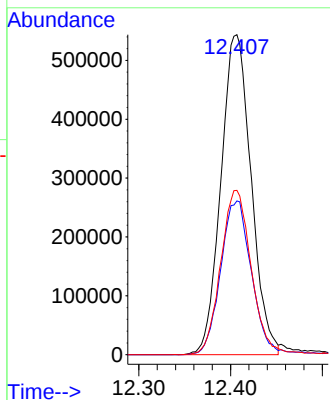
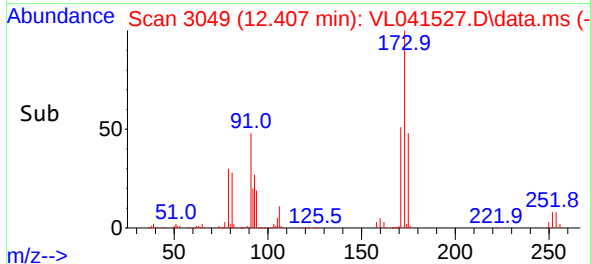
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



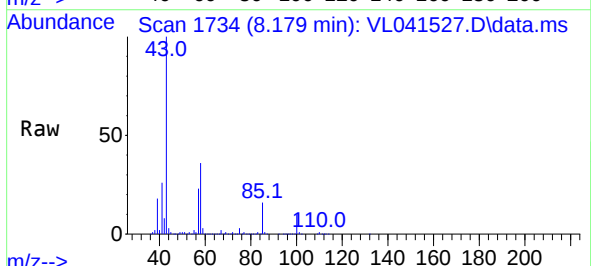
Tgt Ion:173 Resp: 124411
Ion Ratio Lower Upper
173 100
175 50.2 39.9 59.9
171 52.7 41.7 62.5

Manual Integrations
APPROVED

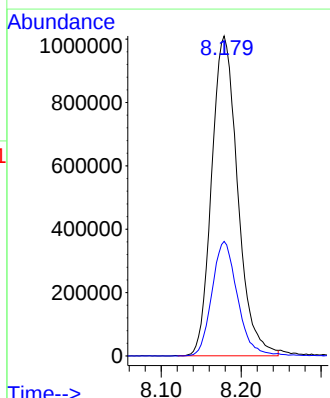
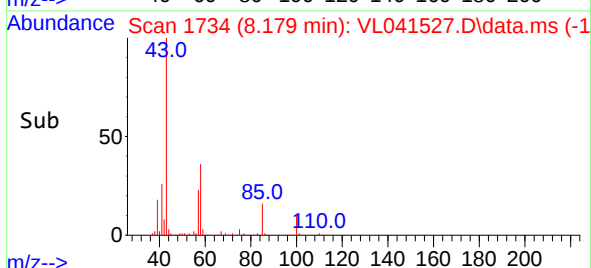
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

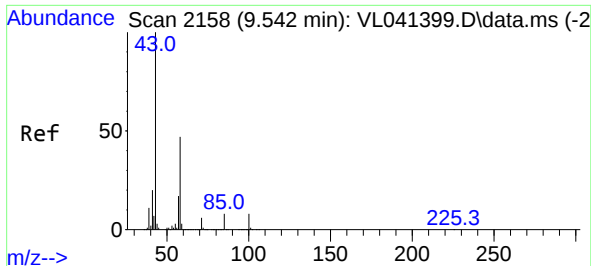


#50
4-Methyl-2-Pentanone
Concen: 11.493 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



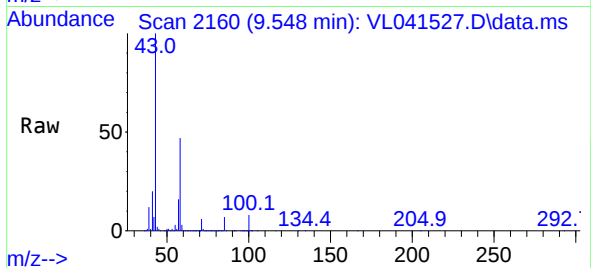
Tgt Ion: 43 Resp: 2281073
Ion Ratio Lower Upper
43 100
58 35.5 27.9 41.9





#51
2-Hexanone
Concen: 12.415 ppbv
RT: 9.548 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

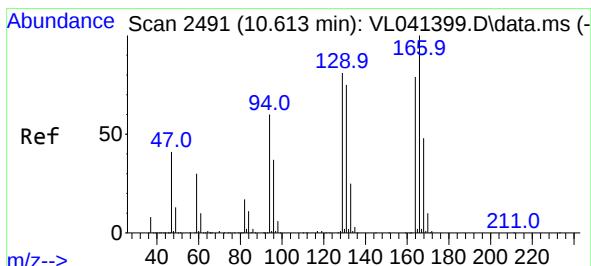
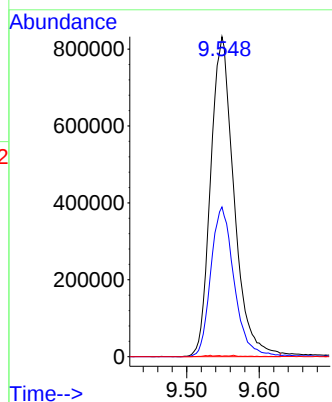
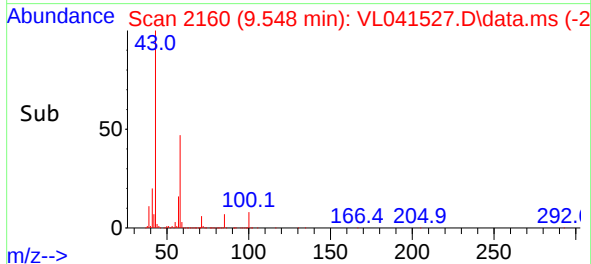
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1863230
Ion Ratio Lower Upper
43 100
58 47.2 38.2 57.2
98 0.4 0.3 0.5

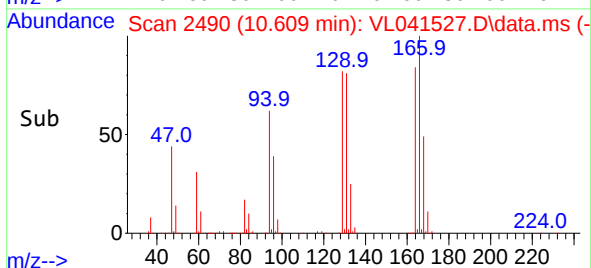
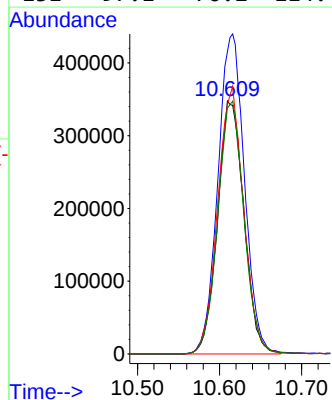
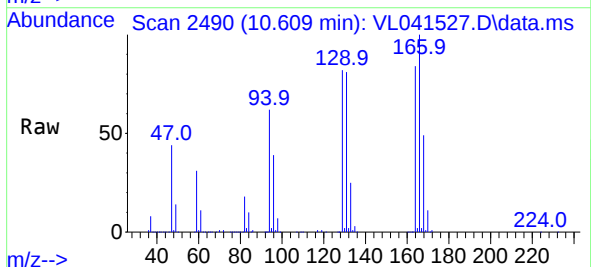
Manual Integrations
APPROVED

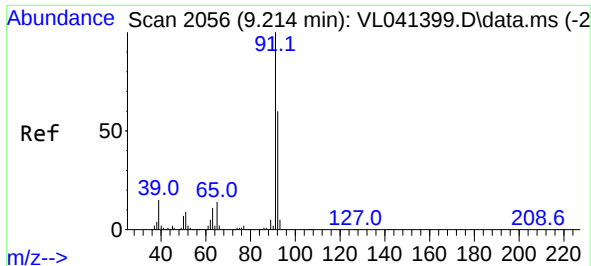
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#52
Tetrachloroethene
Concen: 10.555 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

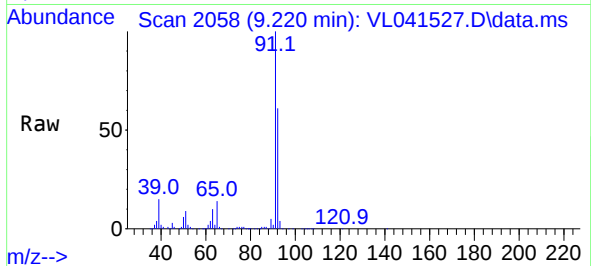
Tgt Ion:164 Resp: 774992
Ion Ratio Lower Upper
164 100
166 119.5 101.1 151.7
129 98.5 81.7 122.5
131 97.1 76.2 114.4





#53
Toluene
Concen: 11.343 ppbv
RT: 9.220 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

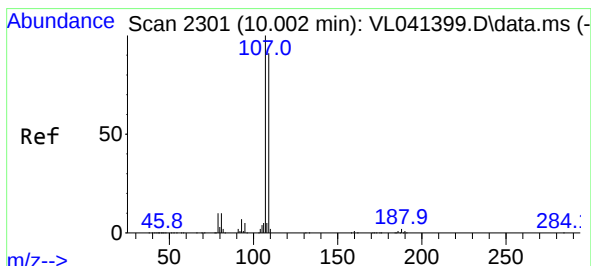
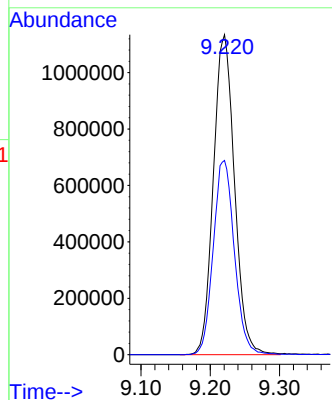
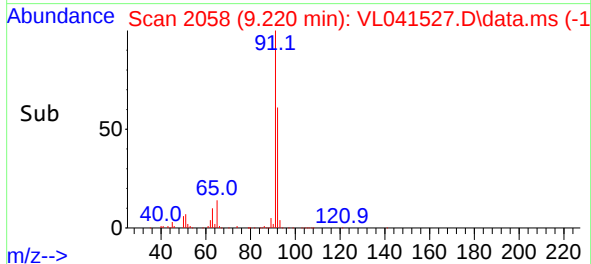
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



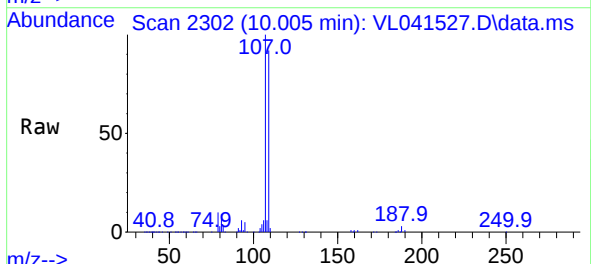
Tgt Ion: 91 Resp: 2400814
Ion Ratio Lower Upper
91 100
92 60.9 48.7 73.1

Manual Integrations
APPROVED

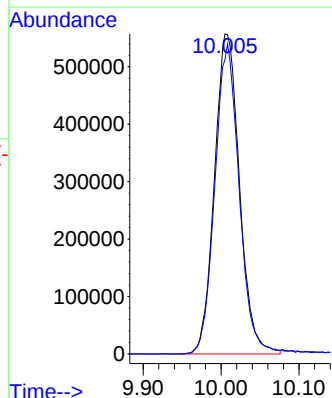
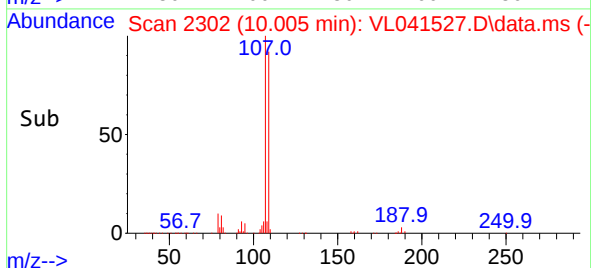
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

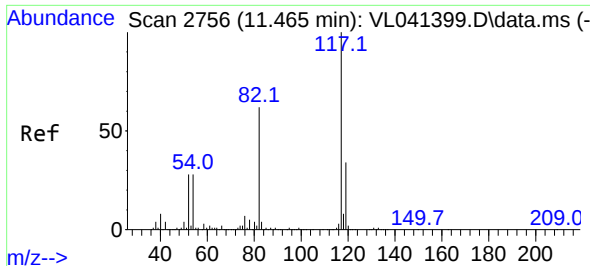


#54
1,2-Dibromoethane
Concen: 11.646 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



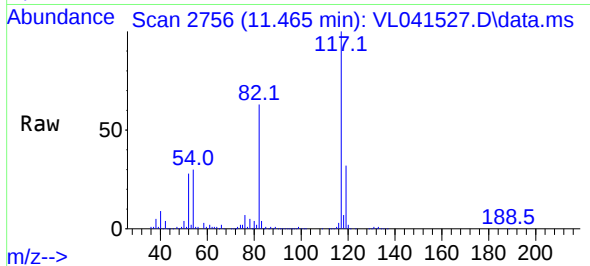
Tgt Ion:107 Resp: 1243024
Ion Ratio Lower Upper
107 100
109 92.0 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

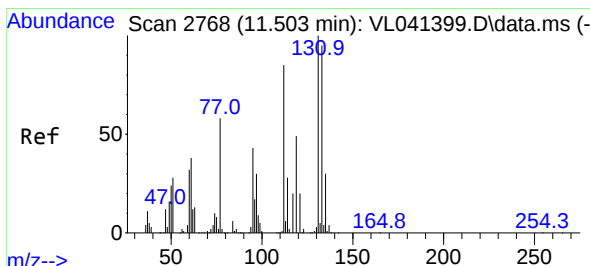
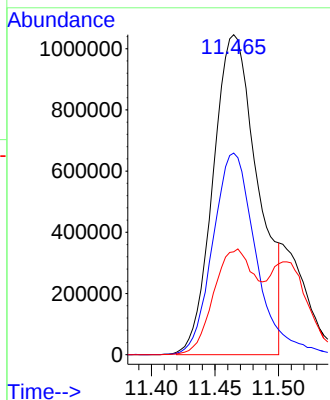
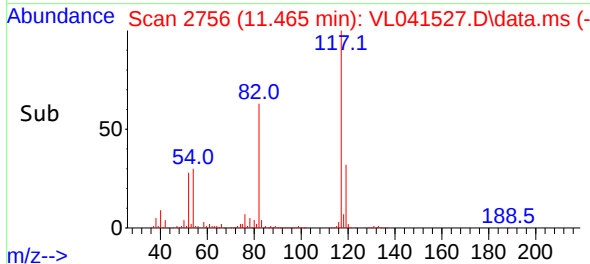
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



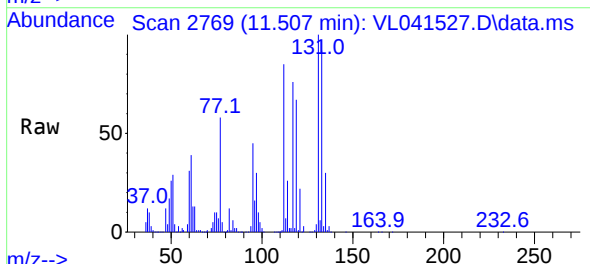
Tgt Ion:117 Resp: 2578319
Ion Ratio Lower Upper
117 100
82 61.1 51.0 76.6
119 30.9 45.2 67.8

Manual Integrations
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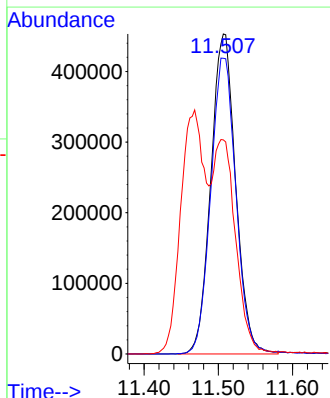
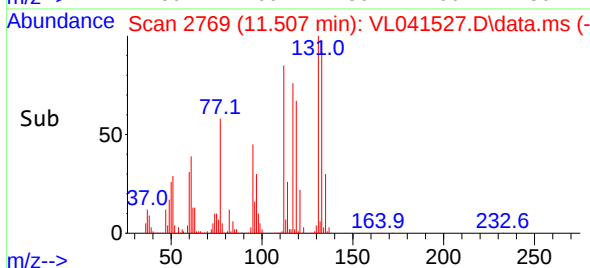
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

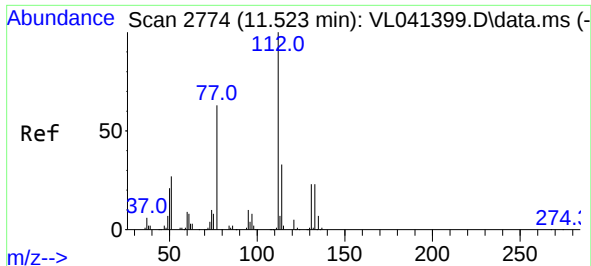


#56
1,1,1,2-Tetrachloroethane
Concen: 10.532 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



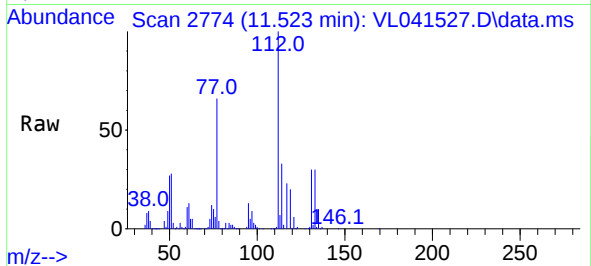
Tgt Ion:131 Resp: 1053113
Ion Ratio Lower Upper
131 100
133 94.7 77.0 115.4
119 59.0 121.5 182.3





#57
Chlorobenzene
Concen: 10.225 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

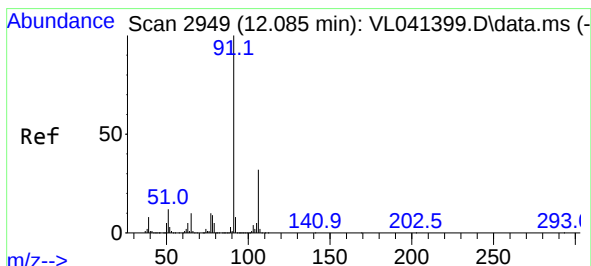
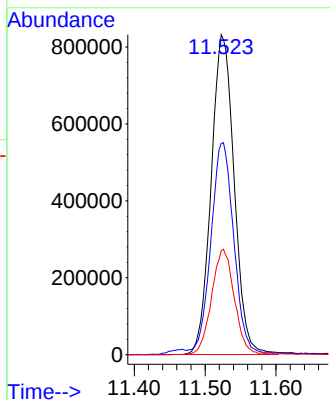
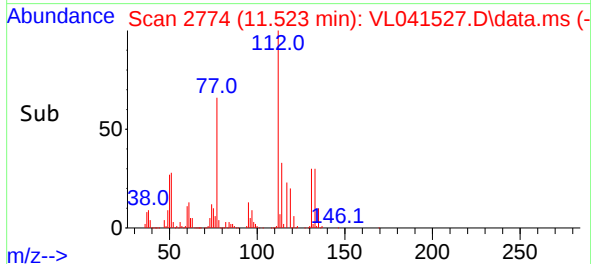
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



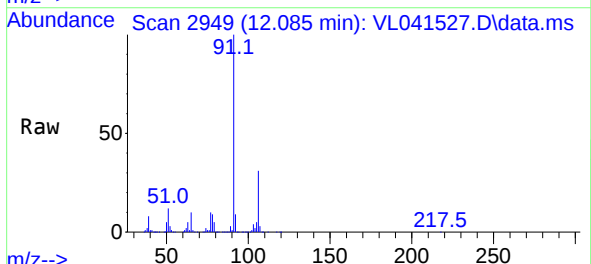
Tgt Ion: 112 Resp: 1877092
Ion Ratio Lower Upper
112 100
77 65.4 51.1 76.7
114 32.5 29.5 36.1

Manual Integrations
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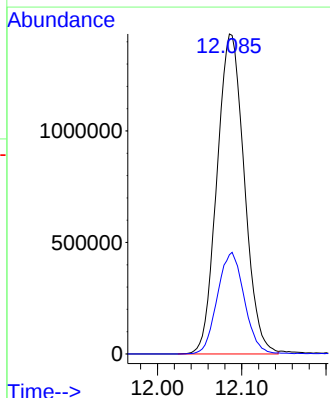
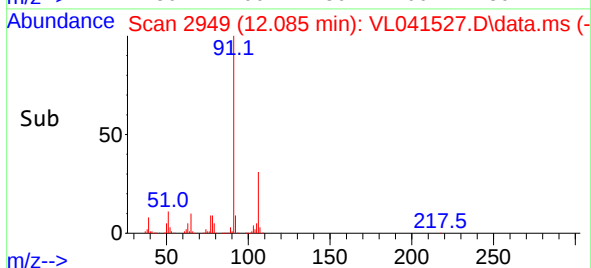
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

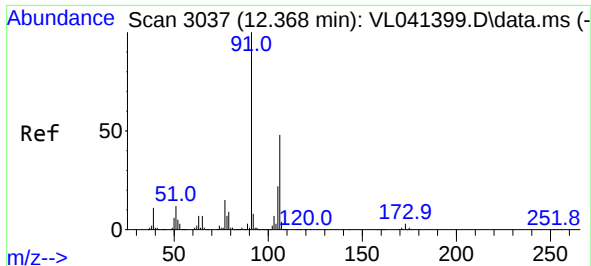


#58
Ethyl Benzene
Concen: 10.868 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



Tgt Ion: 91 Resp: 3229692
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.8





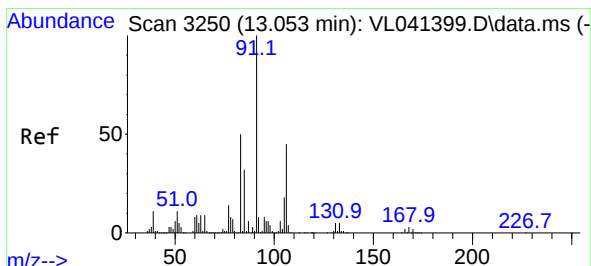
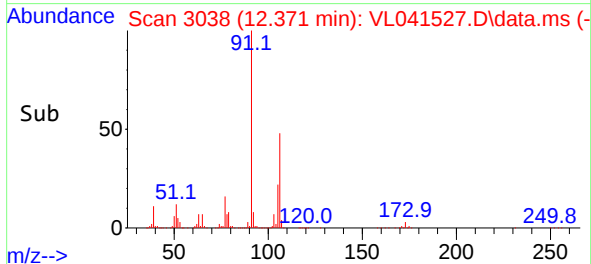
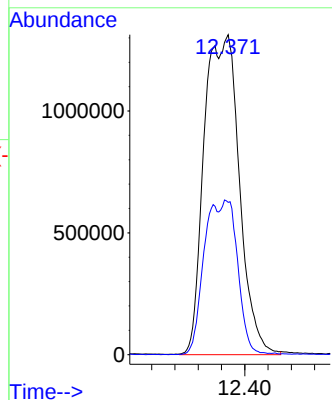
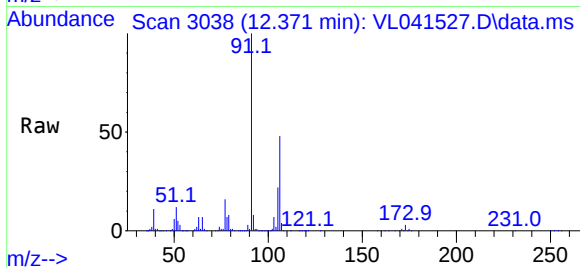
#59
m/p-Xylene
Concen: 21.466 ppbv m
RT: 12.371 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 550682
Ion Ratio Lower Upper
91 100
106 45.7 36.3 54.5

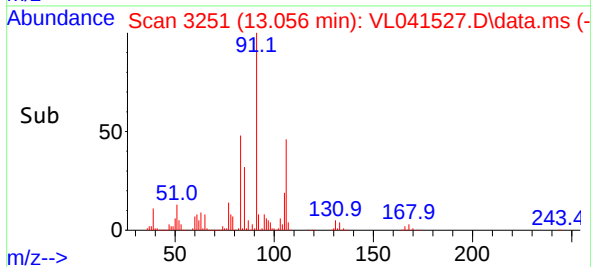
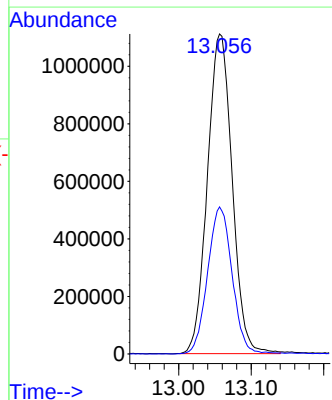
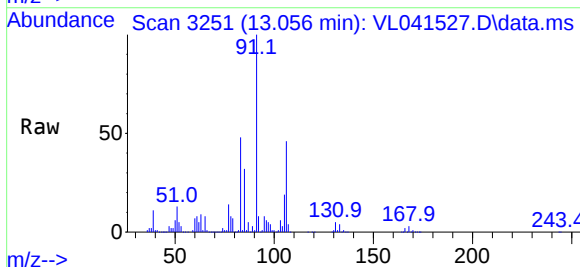
Manual Integrations
APPROVED

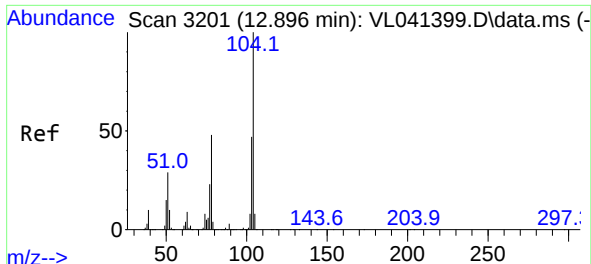
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#60
o-Xylene
Concen: 10.858 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

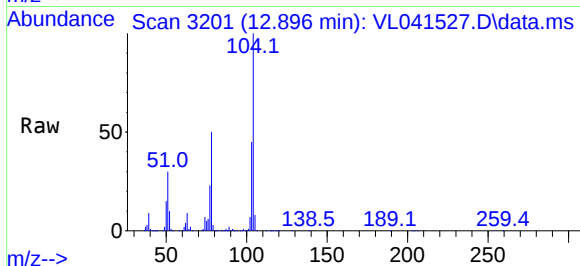
Tgt Ion: 91 Resp: 2634952
Ion Ratio Lower Upper
91 100
106 45.9 23.1 69.3





#61
Styrene
Concen: 11.743 ppbv
RT: 12.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

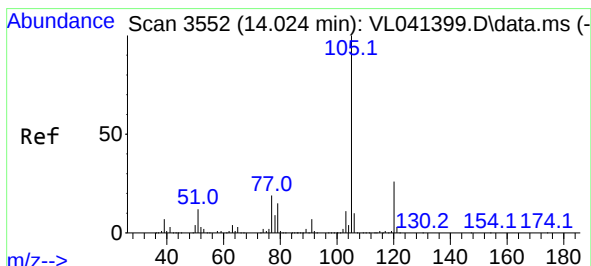
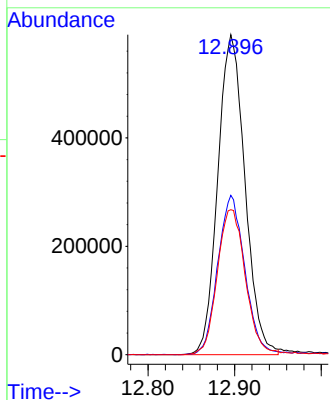
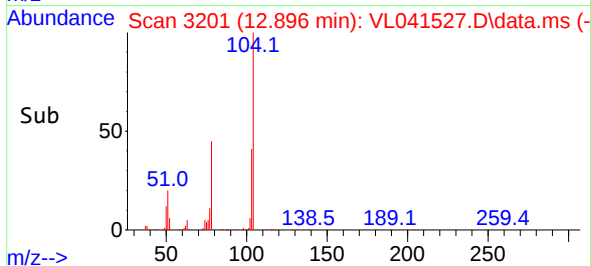
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



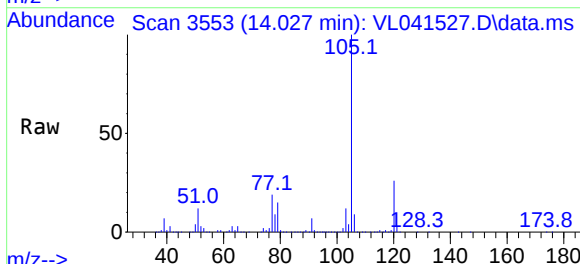
Tgt Ion:104 Resp: 128572
Ion Ratio Lower Upper
104 100
78 50.1 40.8 61.2
103 47.5 38.2 57.4

Manual Integrations
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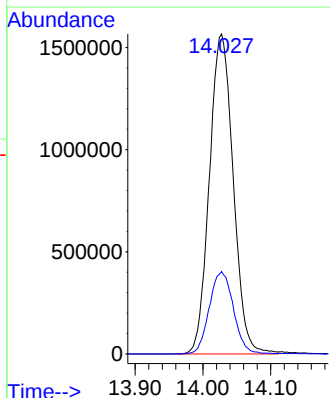
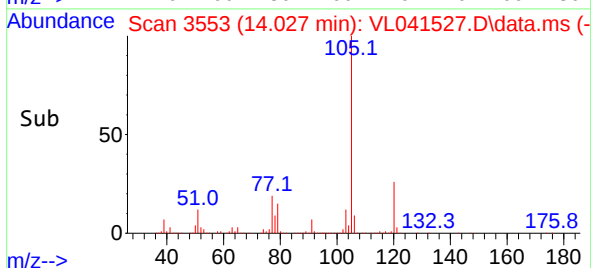
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

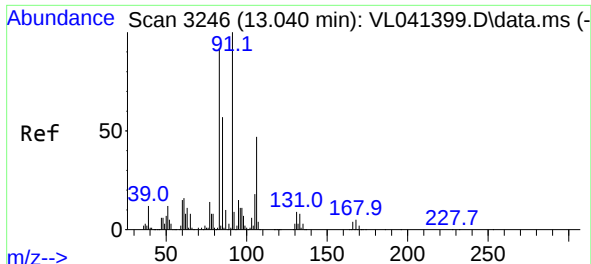


#62
Isopropylbenzene
Concen: 10.367 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



Tgt Ion:105 Resp: 3824563
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4





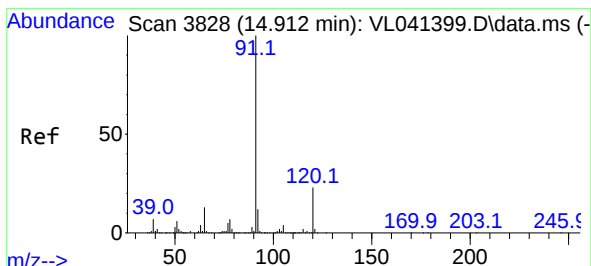
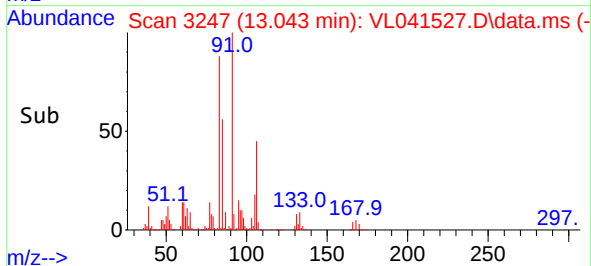
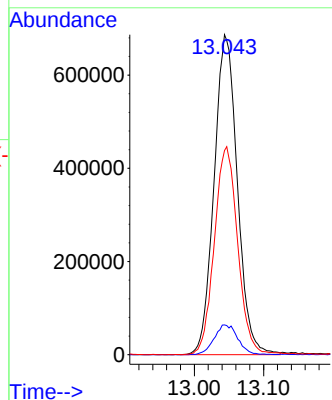
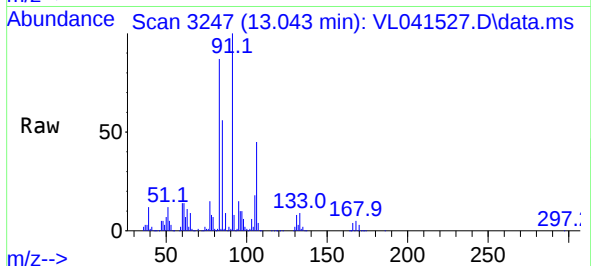
#63
1,1,2,2-Tetrachloroethane
Concen: 10.474 ppbv
RT: 13.043 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 160502
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.8 32.6 98.0

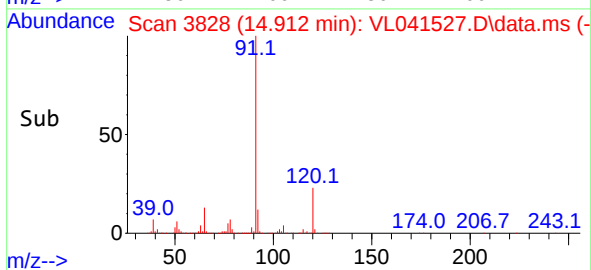
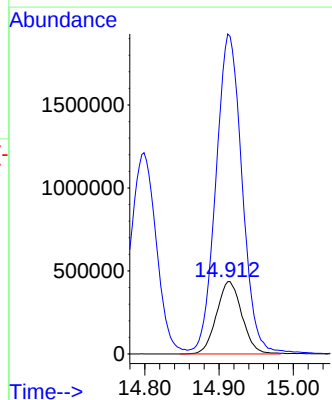
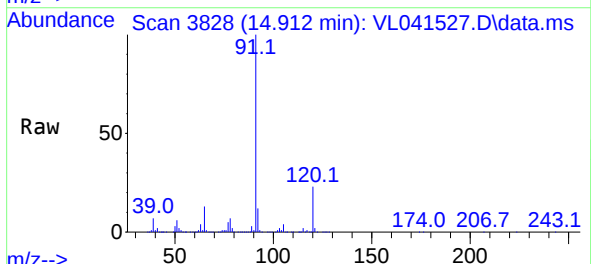
Manual Integrations
APPROVED

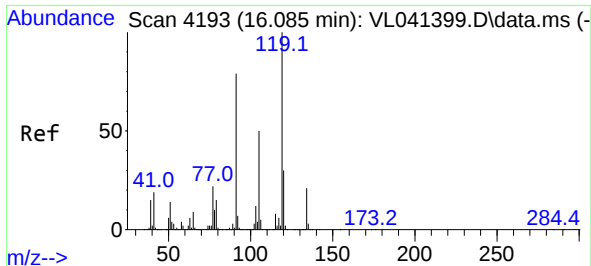
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#64
n-propylbenzene
Concen: 10.744 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion:120 Resp: 1036299
Ion Ratio Lower Upper
120 100
91 458.6 361.4 542.0





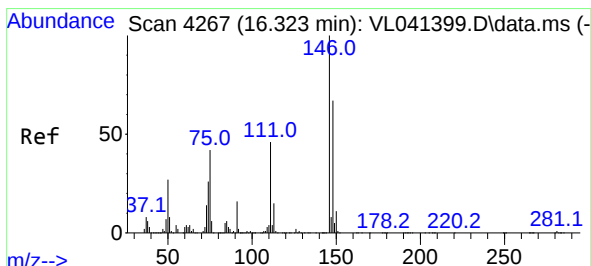
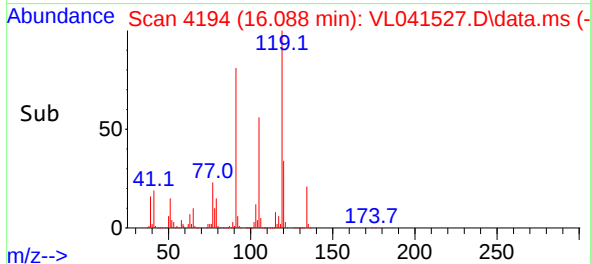
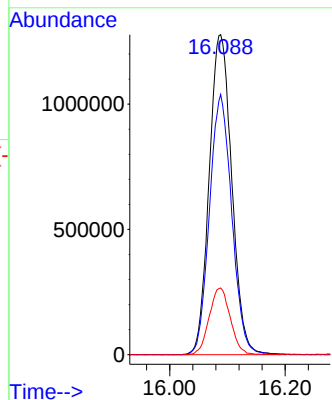
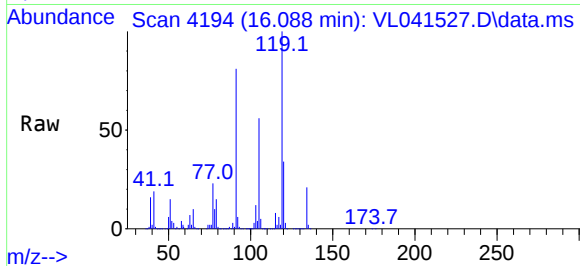
#65
tert-Butylbenzene
Concen: 10.378 ppbv
RT: 16.088 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 345828
Ion Ratio Lower Upper
119 100
91 80.5 64.2 96.2
134 19.6 15.7 23.5

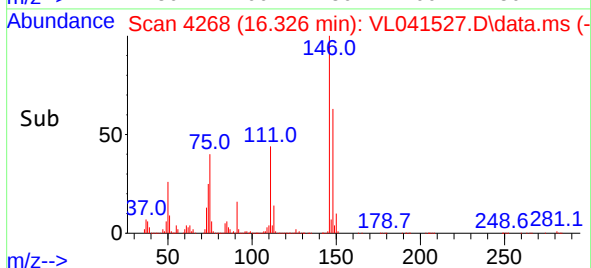
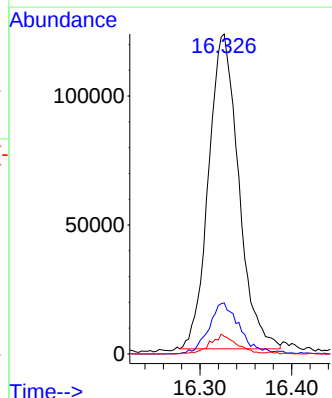
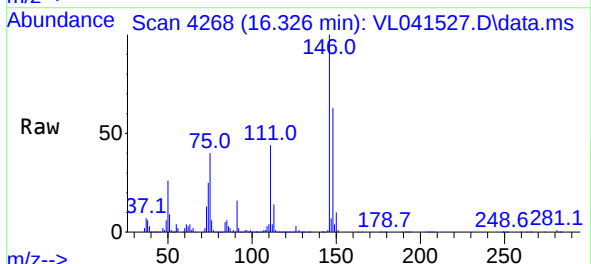
Manual Integrations
APPROVED

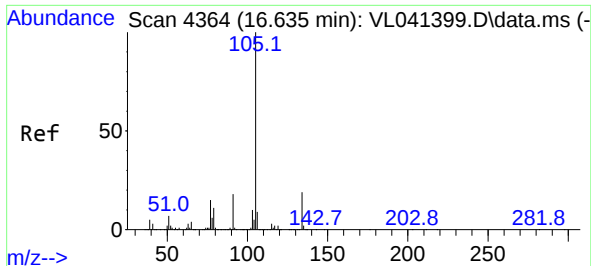
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#66
Benzyl Chloride
Concen: 13.025 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 91 Resp: 278383
Ion Ratio Lower Upper
91 100
126 17.1 13.8 20.8
128 5.8 4.4 6.6





#67

sec-Butylbenzene

Concen: 10.528 ppbv

RT: 16.635 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 4833640

Ion Ratio Lower Upper

105 100

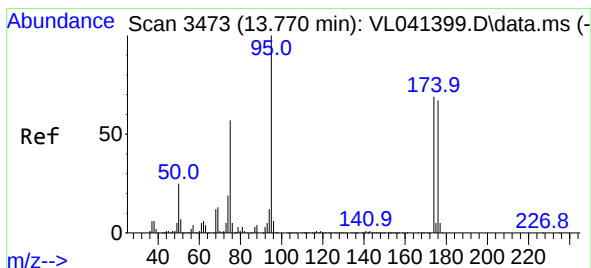
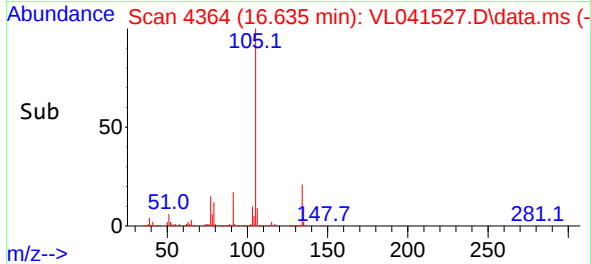
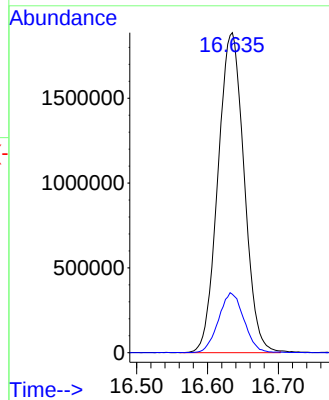
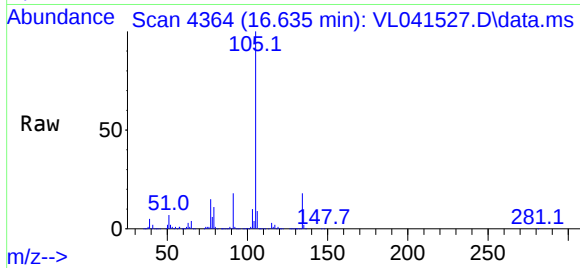
134 18.3 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024

Supervised By :Mahesh Dadoda 08/13/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.425 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

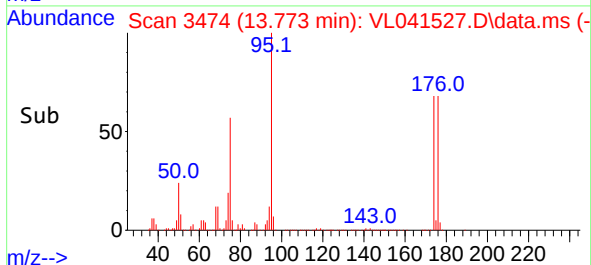
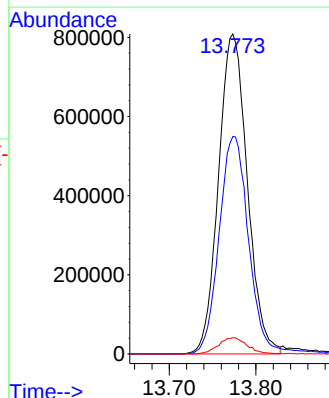
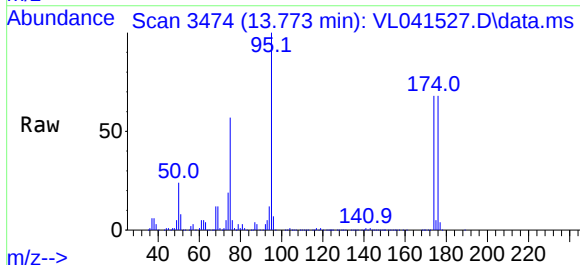
Tgt Ion: 95 Resp: 1870101

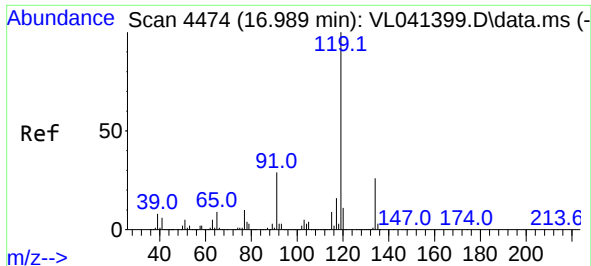
Ion Ratio Lower Upper

95 100

174 70.5 56.3 84.5

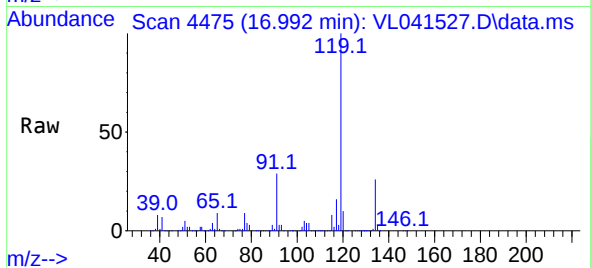
175 5.2 4.0 6.0





#69
p-Isopropyltoluene
Concen: 10.681 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

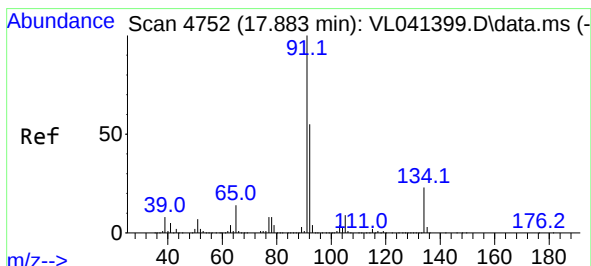
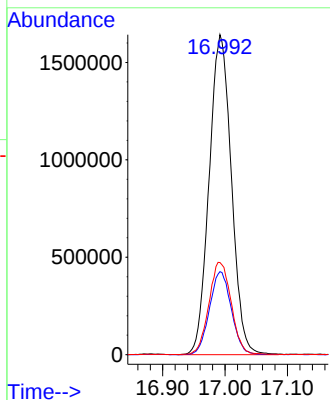
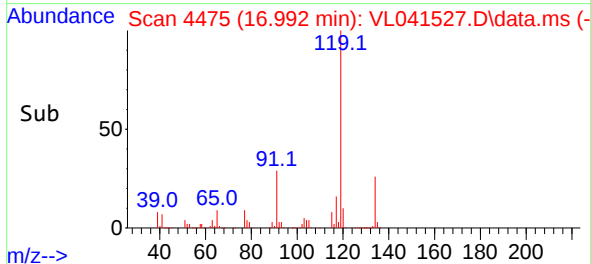
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



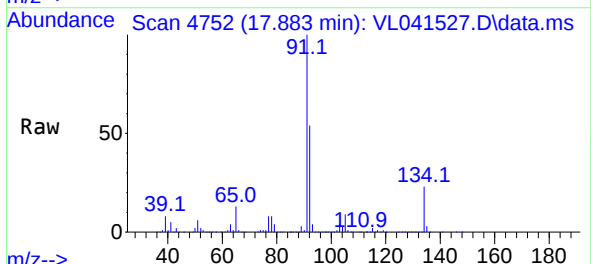
Tgt Ion:119 Resp: 4069168
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 28.9 23.2 34.8

Manual Integrations
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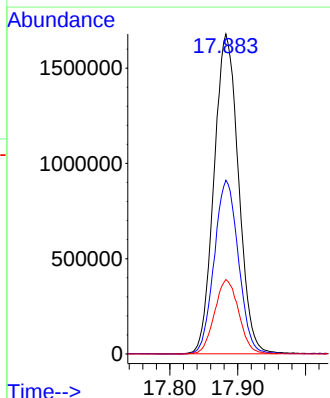
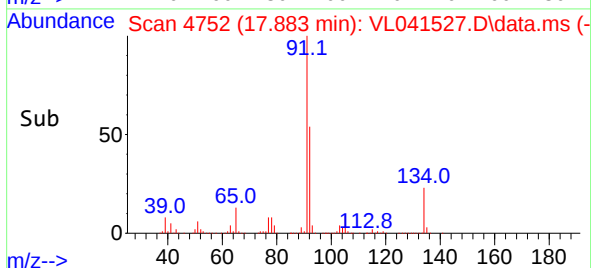
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

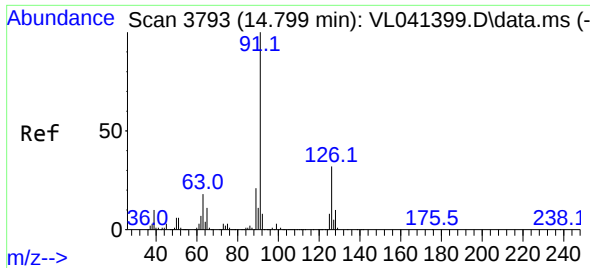


#70
n-Butylbenzene
Concen: 10.774 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



Tgt Ion: 91 Resp: 4208009
Ion Ratio Lower Upper
91 100
92 53.8 43.2 64.8
134 23.1 18.5 27.7





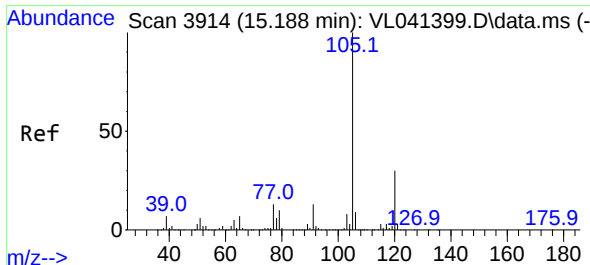
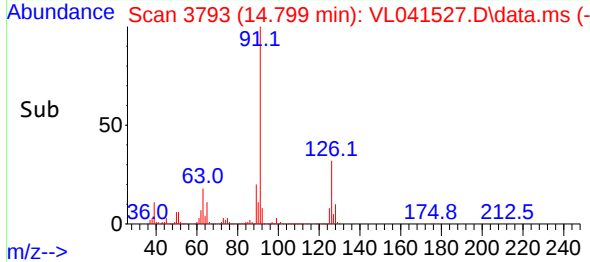
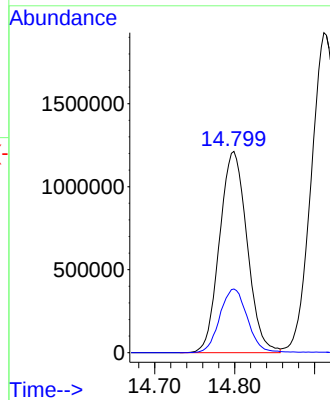
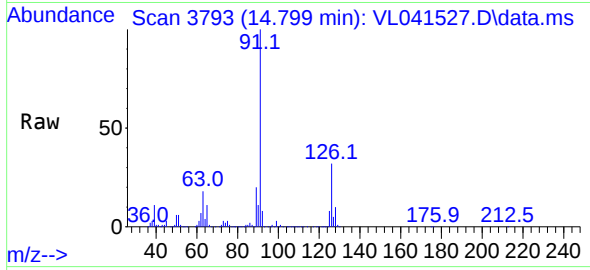
#71
2-Chlorotoluene
Concen: 10.668 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2902468
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9

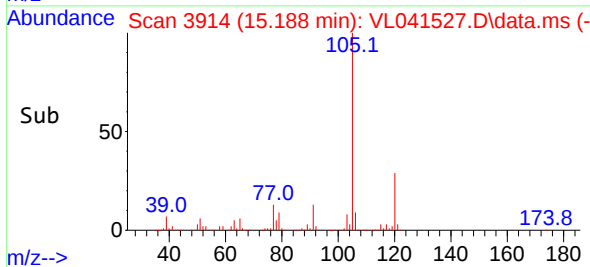
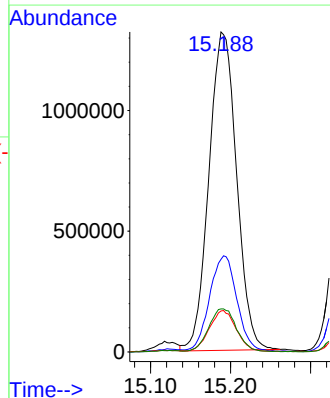
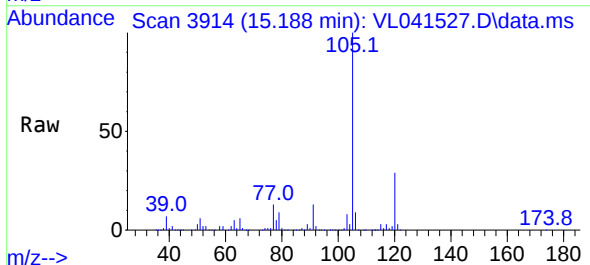
Manual Integrations
APPROVED

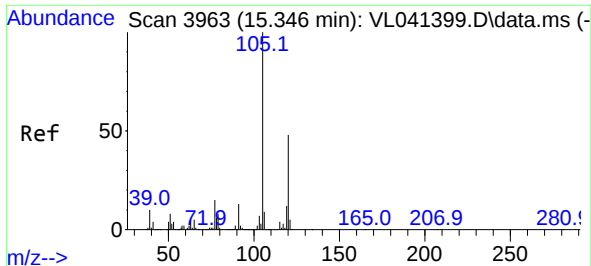
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#72
4-Ethyltoluene
Concen: 11.102 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

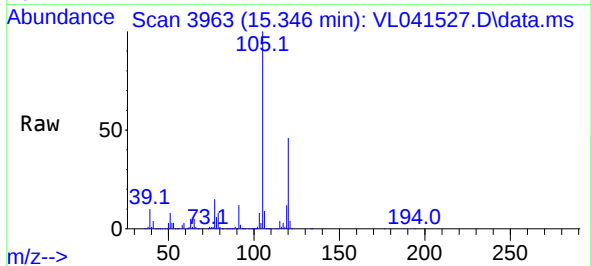
Tgt Ion:105 Resp: 3172041
Ion Ratio Lower Upper
105 100
120 31.1 24.2 36.2
91 12.7 10.4 15.6
77 14.4 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 11.017 ppbv
RT: 15.346 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

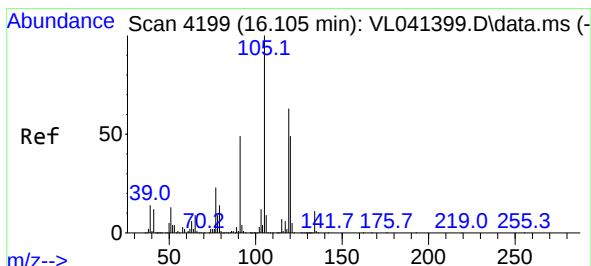
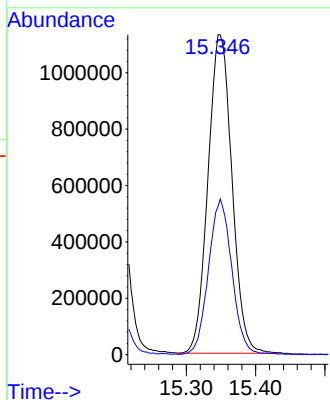
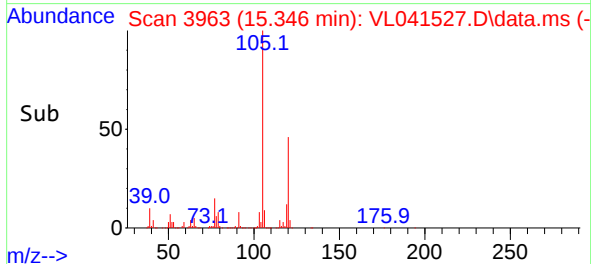
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



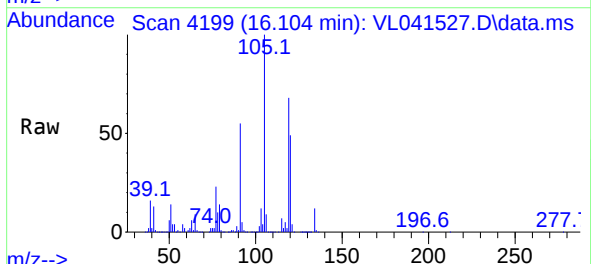
Tgt Ion:105 Resp: 2711760
Ion Ratio Lower Upper
105 100
120 46.4 38.6 57.8

Manual Integrations
APPROVED

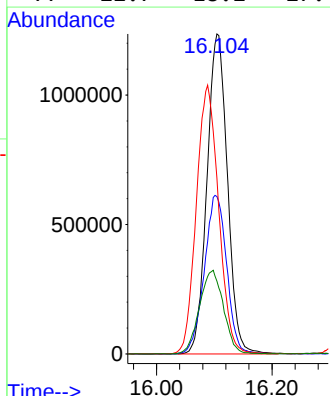
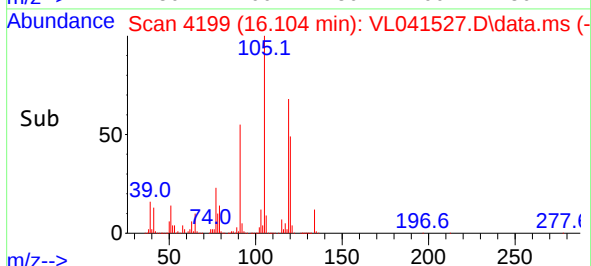
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

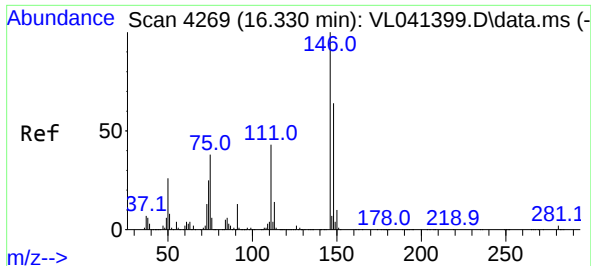


#74
1,2,4-Trimethylbenzene
Concen: 10.615 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



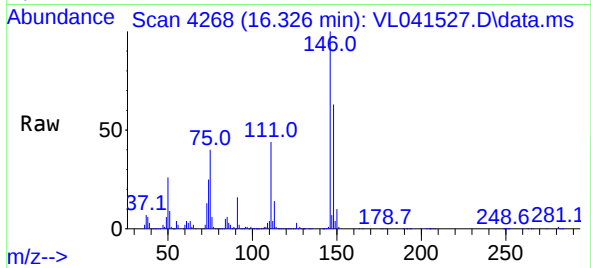
Tgt Ion:105 Resp: 3037676
Ion Ratio Lower Upper
105 100
120 49.1 39.5 59.3
91 54.8 39.8 59.8
77 22.7 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 10.472 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

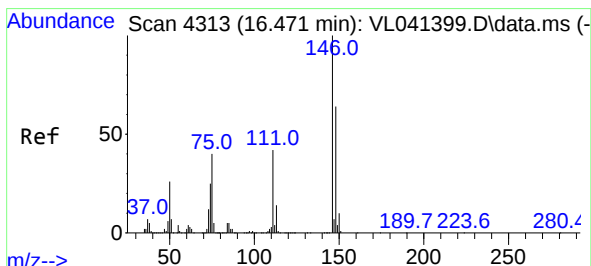
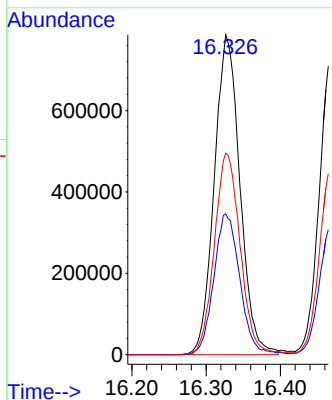
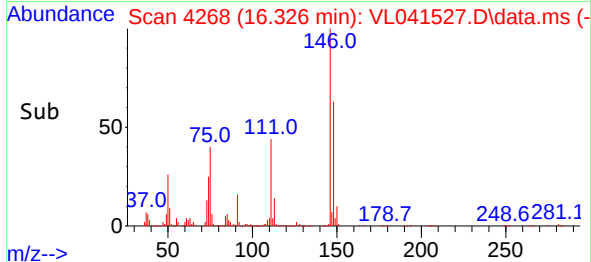
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



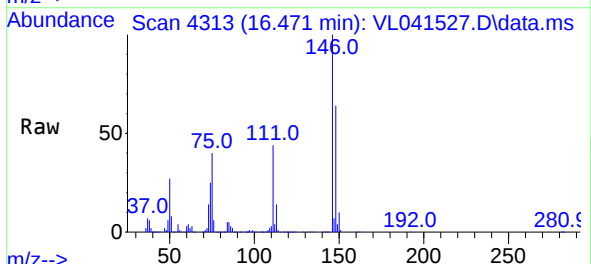
Tgt Ion:146 Resp: 188363
Ion Ratio Lower Upper
146 100
111 44.8 22.6 67.8
148 63.9 32.3 96.8

Manual Integrations
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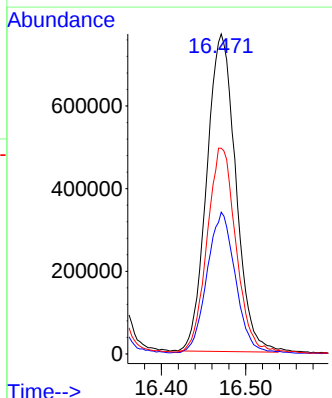
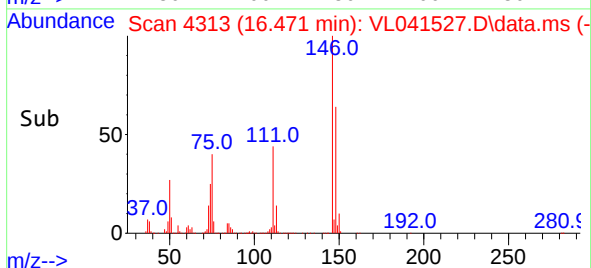
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

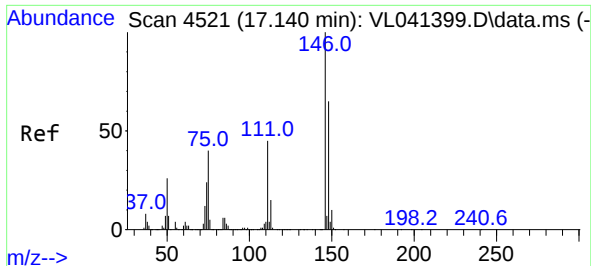


#76
1,4-Dichlorobenzene
Concen: 10.538 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



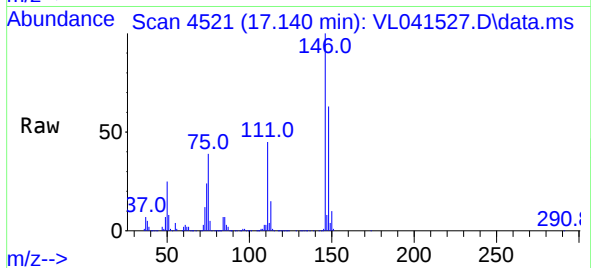
Tgt Ion:146 Resp: 1835391
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 65.9 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 10.277 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

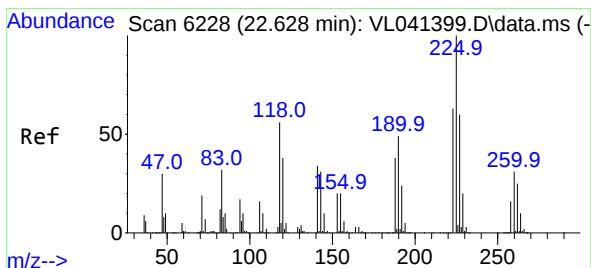
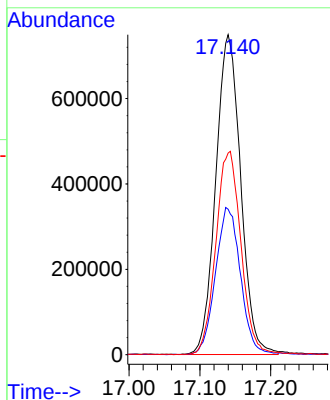
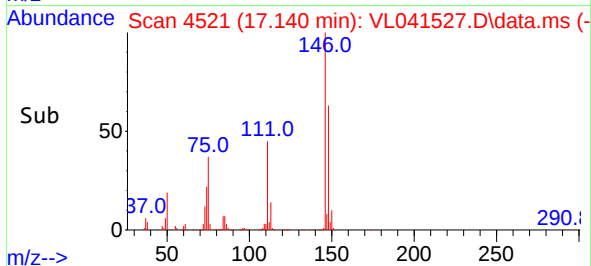
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



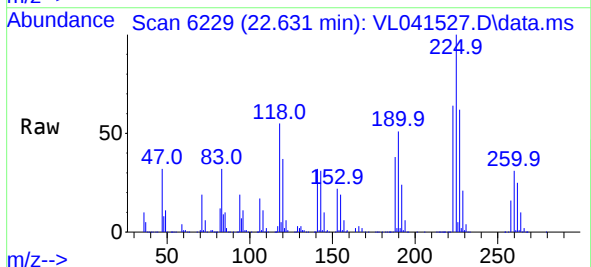
Tgt Ion:146 Resp: 183253
Ion Ratio Lower Upper
146 100
111 46.4 23.4 70.0
148 64.2 32.2 96.6

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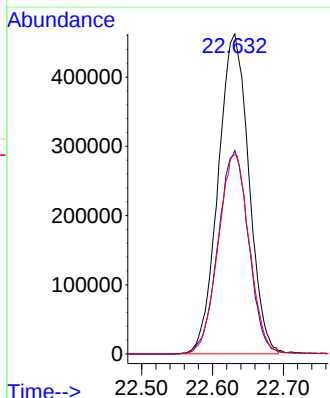
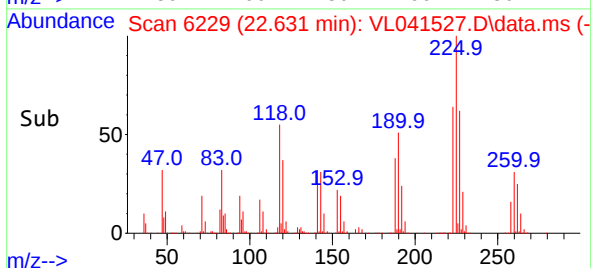
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

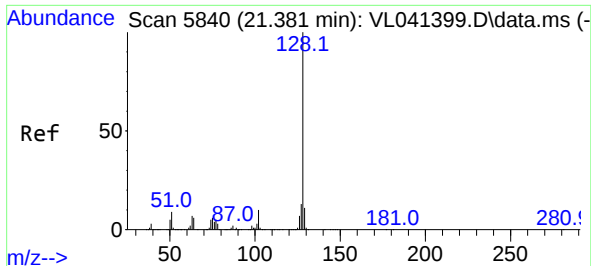


#78
Hexachloro-1,3-Butadiene
Concen: 9.145 ppbv
RT: 22.631 min Scan# 6229
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



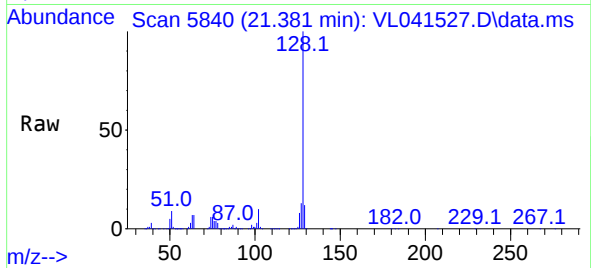
Tgt Ion:225 Resp: 1390607
Ion Ratio Lower Upper
225 100
223 63.5 50.6 76.0
227 63.4 50.8 76.2





#79
Naphthalene
Concen: 12.217 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

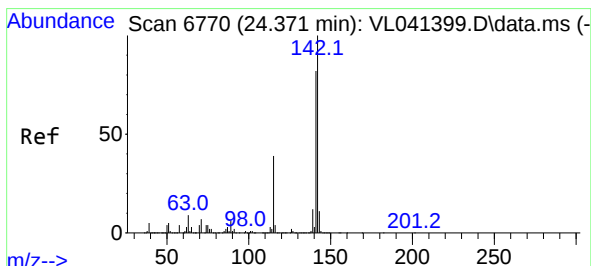
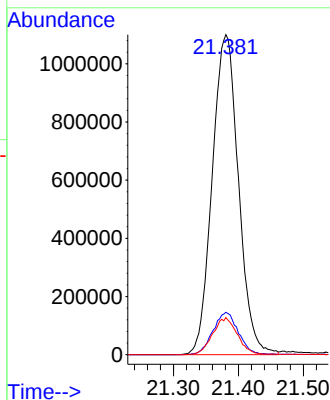
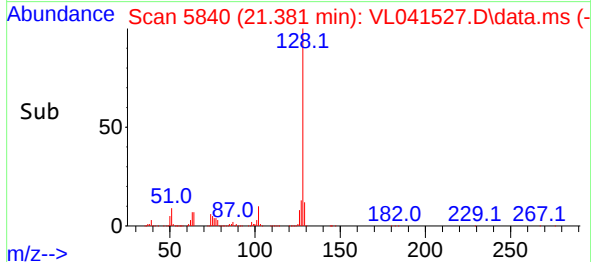
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



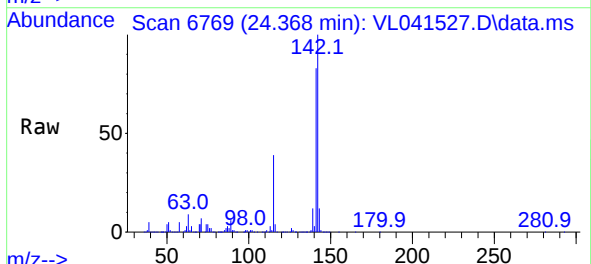
Tgt Ion:128 Resp: 308562
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.6 9.0 13.4

Manual Integrations
APPROVED

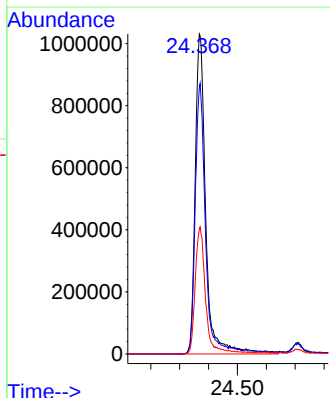
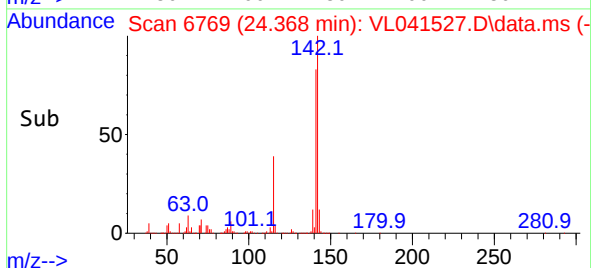
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

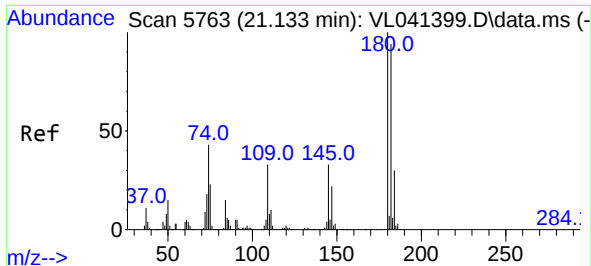


#80
Naphthalene,2-methyl-
Concen: 12.370 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46



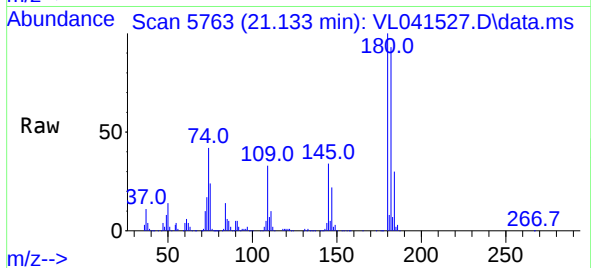
Tgt Ion:142 Resp: 2619024
Ion Ratio Lower Upper
142 100
141 83.3 67.0 100.4
115 39.3 32.2 48.2





#81
1,2,4-Trichlorobenzene
Concen: 10.817 ppbv
RT: 21.133 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 162584
Ion Ratio Lower Upper
180 100
182 95.7 76.7 115.1
184 31.0 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

