

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041725.D
 Acq On : 11 Dec 2024 17:21
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 13:18:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M

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

QLast Update : Thu Dec 12 13:14:06 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	271367	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	1332176	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	1199960	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.396 95 793087 10.054 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	822884	17.277	ppbv	97
3) Chlorodifluoromethane	1.479	51	507602	13.741	ppbv	99
4) Chloromethane	1.538	50	223805	17.706	ppbv	98
5) Vinyl Chloride	1.583	62	262683	16.967	ppbv	97
6) Bromomethane	1.674	94	189051	18.620	ppbv	99
7) Chloroethane	1.709	64	120139	17.838	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	674343	17.363	ppbv	96
9) Propene	1.486	41	217245	13.791	ppbv	100
10) Heptane	5.004	43	623852	14.325	ppbv	99
11) Trichlorofluoromethane	1.884	101	944868	17.227	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.146	101	846549	17.143	ppbv	99
13) Ethanol	1.725	45	11979	9.194	ppbv	100
14) Bromoethene	1.787	108	335233	18.521	ppbv	99
15) Acetone	1.839	43	425150	13.570	ppbv	97
16) 1,3-Butadiene	1.612	39	172296	16.393	ppbv	97
17) tert-Butyl alcohol	2.043	59	739165	16.273	ppbv	100
18) 1,1-Dichloroethene	2.039	96	388096	16.998	ppbv	95
19) Isopropyl Alcohol	1.887	45	286200	9.617	ppbv	92
20) Methylene Chloride	2.069	84	313879	16.539	ppbv	99
21) Allyl Chloride	2.104	41	311066	17.632	ppbv	96
22) trans-1,2-Dichloroethene	2.350	96	471621	18.044	ppbv	98
23) Vinyl Acetate	2.470	43	253214	13.346	ppbv	98
24) 1,1-Dichloroethane	2.418	63	628058	17.801	ppbv	99
25) Ethyl Acetate	5.004	43	623852	14.325	ppbv #	99
26) Hexane	2.839	57	595417	14.098	ppbv	99
27) Carbon Disulfide	2.159	76	845886	19.454	ppbv	99
28) Methyl tert-Butyl Ether	2.447	73	503238	15.875	ppbv	100
29) Chloroform	2.858	83	920141	14.232	ppbv	99
30) Cyclohexane	3.875	84	690006	14.539	ppbv	100
31) cis-1,2-Dichloroethene	2.732	61	560017	14.309	ppbv	97
32) 1,1,1-Trichloroethane	3.383	97	932381	14.665	ppbv	100
34) 2-Butanone	2.564	43	642196	13.768	ppbv	99
35) Carbon Tetrachloride	3.781	117	989226	15.944	ppbv	100
36) Benzene	3.671	78	1490264	14.228	ppbv	100
37) 1,2-Dichloroethane	3.230	62	551376	14.572	ppbv	100
38) Trichloroethene	4.567	130	794408	14.625	ppbv	100
39) 1,2-Dichloropropane	4.331	63	485752	14.554	ppbv	98
40) 1,4-Dioxane	4.600	88	290806	14.441	ppbv #	94
41) Tetrahydrofuran	3.062	42	407196	14.486	ppbv	100
42) Bromodichloromethane	4.509	83	963584	15.774	ppbv	98
43) Methyl Methacrylate	4.901	69	562691	14.915	ppbv	100
44) 2,2,4-Trimethylpentane	4.661	57	2061284	14.138	ppbv	100
45) t-1,3-Dichloropropene	6.438	75	558104	15.110	ppbv	100

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Manual Integrations
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 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 13:18:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M

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

QLast Update : Thu Dec 12 13:14:06 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.626	75	749534	15.333	ppbv	98
47) 1,1,2-Trichloroethane	6.606	97	639329	14.386	ppbv	98
48) Dibromochloromethane	7.412	129	1042907	16.286	ppbv	100
49) Bromoform	9.503	173	1053854	17.201	ppbv	99
50) 4-Methyl-2-Pentanone	5.774	43	964314	14.413	ppbv	99
51) 2-Hexanone	7.458	43	766412	13.928	ppbv	100
52) Tetrachloroethene	8.247	164	790697	14.248	ppbv	99
53) Toluene	6.959	91	1841601	14.307	ppbv	99
54) 1,2-Dibromoethane	7.674	107	903522	14.873	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.946	131	855322	15.331	ppbv	99
57) Chlorobenzene	8.943	112	1547656	14.174	ppbv	99
58) Ethyl Benzene	9.377	91	2270364	14.138	ppbv	98
59) m/p-Xylene	9.574	91	3485693m	28.333	ppbv	
60) o-Xylene	9.985	91	1742693	14.284	ppbv	100
61) Styrene	9.891	104	1035943	15.383	ppbv	100
62) Isopropylbenzene	10.558	105	2776128	13.793	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.982	83	1126779	14.274	ppbv	100
64) n-propylbenzene	11.008	120	878575	14.826	ppbv	93
65) tert-Butylbenzene	11.549	119	2671424	14.002	ppbv	98
66) Benzyl Chloride	10.921	91	1943095	14.202	ppbv	99
67) sec-Butylbenzene	11.785	105	3339897	13.524	ppbv	97
69) p-Isopropyltoluene	11.944	119	2992965	14.051	ppbv	98
70) n-Butylbenzene	12.300	91	2543438	14.388	ppbv	98
71) 2-Chlorotoluene	10.921	91	1943095	14.202	ppbv	99
72) 4-Ethyltoluene	11.144	105	2292986	14.555	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	1902799	14.930	ppbv	96
74) 1,2,4-Trimethylbenzene	11.555	105	2075220	14.978	ppbv	95
75) 1,3-Dichlorobenzene	11.626	146	1599846	14.449	ppbv	99
76) 1,4-Dichlorobenzene	11.691	146	1592044	14.558	ppbv	98
77) 1,2-Dichlorobenzene	11.966	146	1514587	14.446	ppbv	99
78) Hexachloro-1,3-Butadiene	13.898	225	1182302	13.719	ppbv	100
79) Naphthalene	13.529	128	1921154	16.200	ppbv	99
80) Naphthalene,2-methyl-	14.478	142	1125481	26.231	ppbv	100
81) 1,2,4-Trichlorobenzene	13.458	180	1170914	15.681	ppbv	100

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

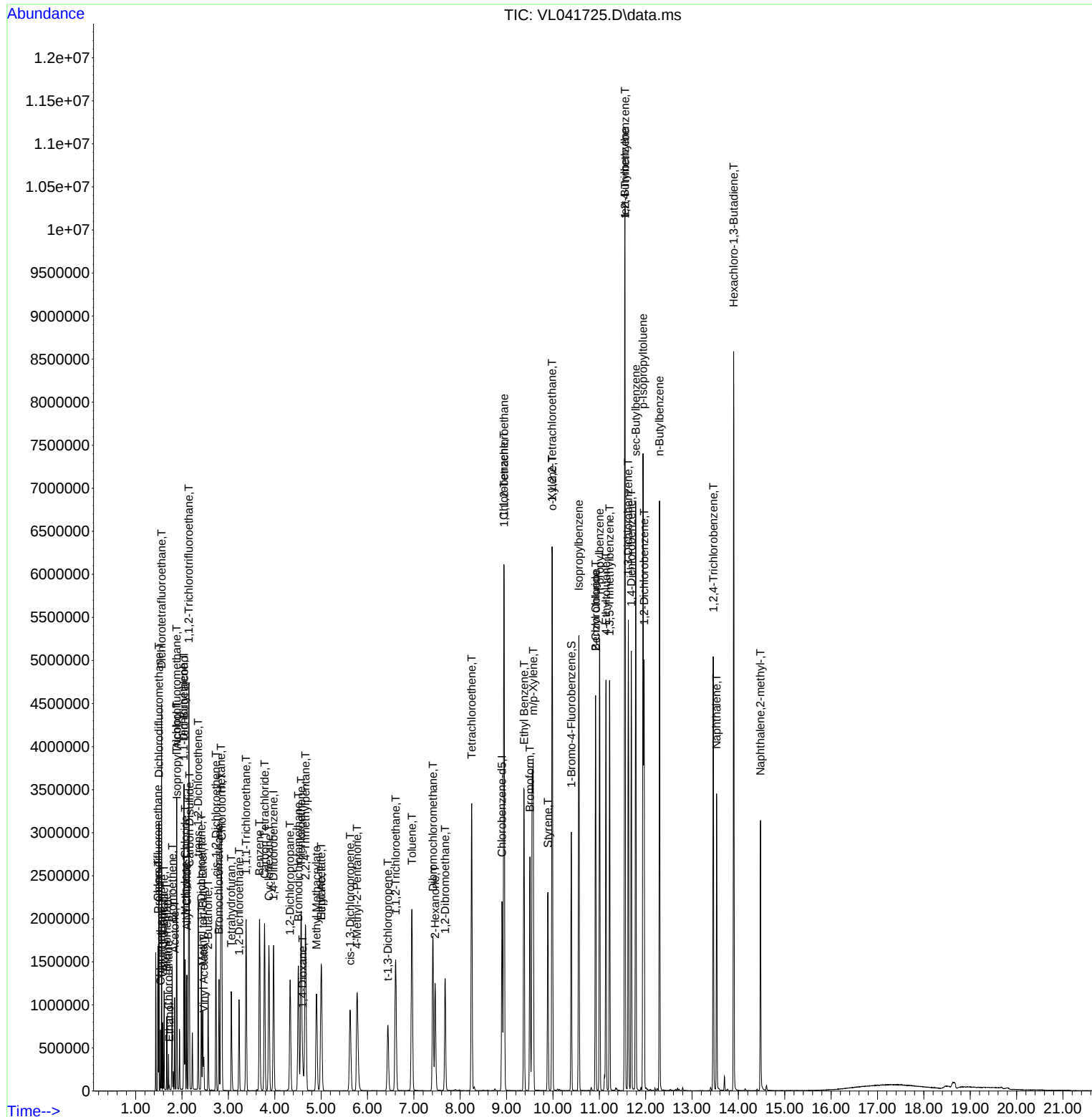
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
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 Operator : SY/MD
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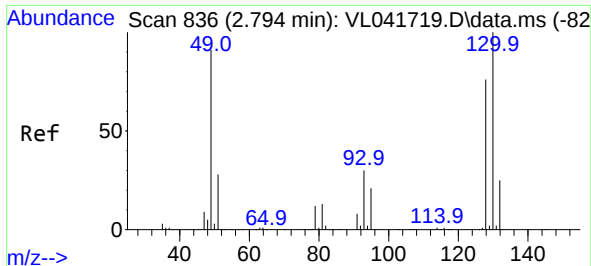
Instrument :
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Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

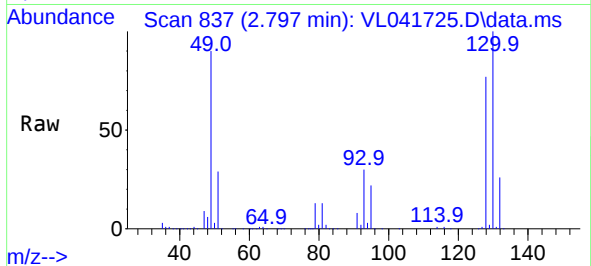
Quant Time: Dec 12 13:18:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
 QLast Update : Thu Dec 12 13:14:06 2024
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

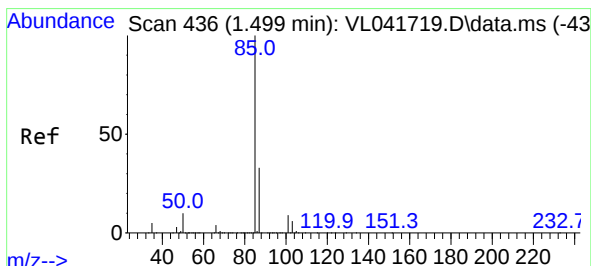
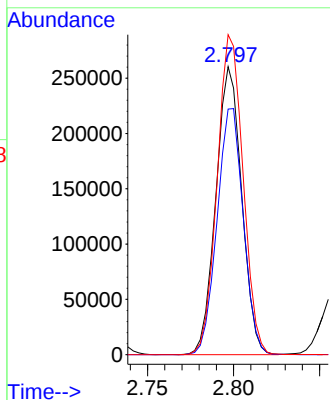
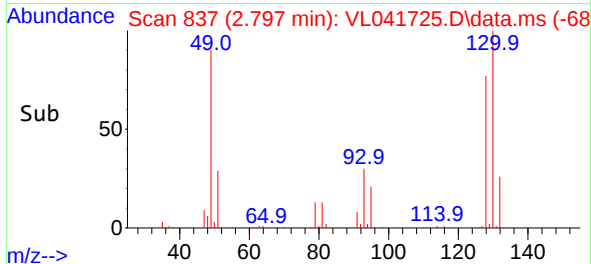
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



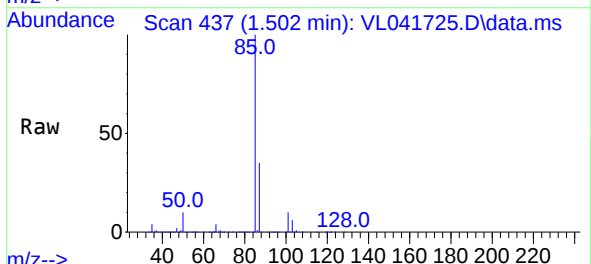
Tgt Ion: 49 Resp: 27136
Ion Ratio Lower Upper
49 100
128 86.9 42.8 128.3
130 111.8 55.8 167.4

Manual Integrations
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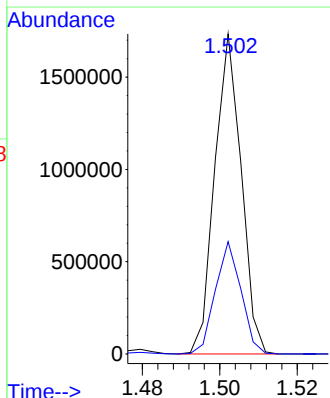
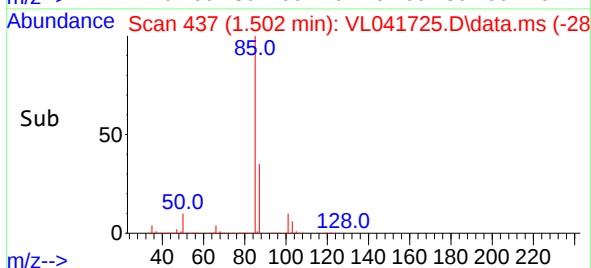
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

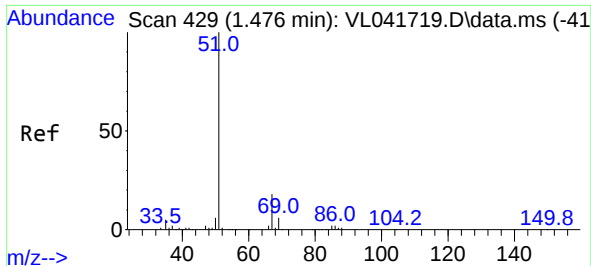


#2
Dichlorodifluoromethane
Concen: 17.277 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



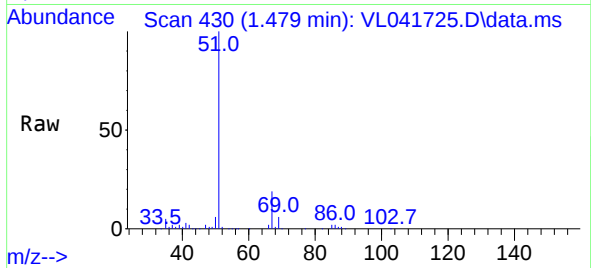
Tgt Ion: 85 Resp: 822884
Ion Ratio Lower Upper
85 100
87 35.1 26.6 39.8





#3
Chlorodifluoromethane
Concen: 13.741 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

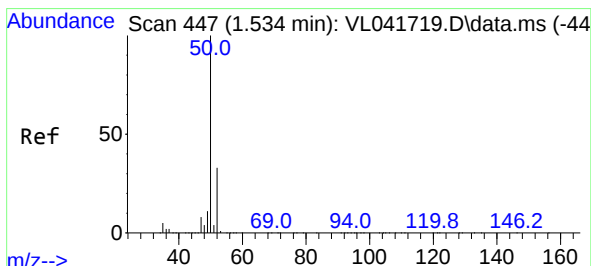
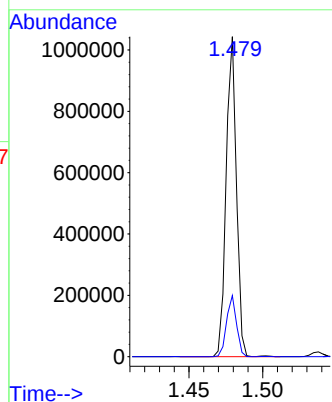
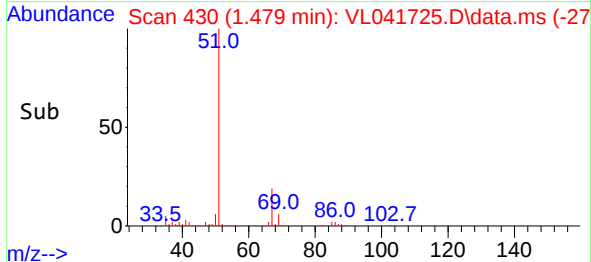
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 51 Resp: 507602
Ion Ratio Lower Upper
51 100
67 18.6 14.6 21.8

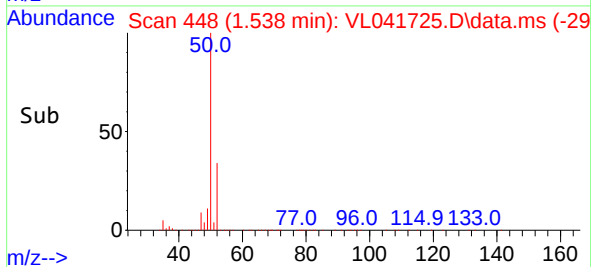
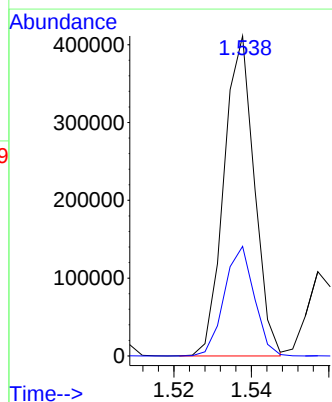
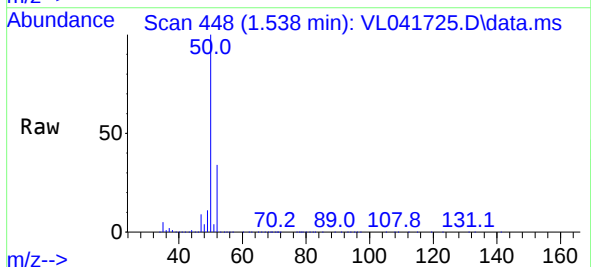
Manual Integrations
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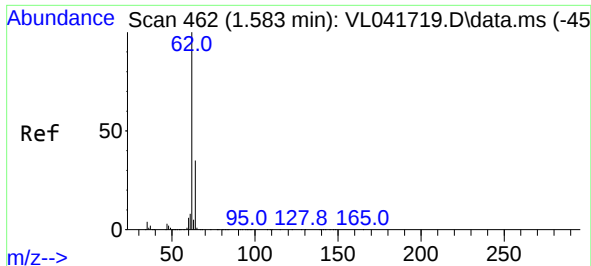
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#4
Chloromethane
Concen: 17.706 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 50 Resp: 223805
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0





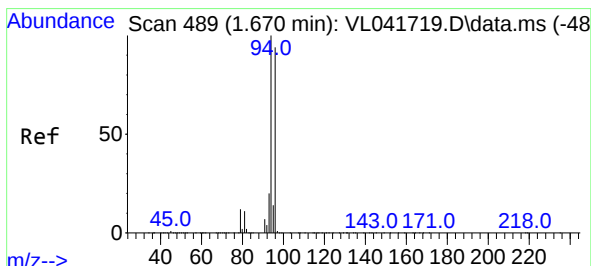
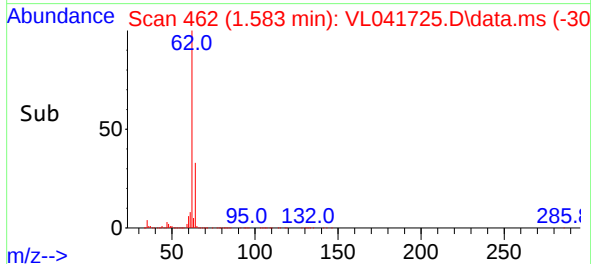
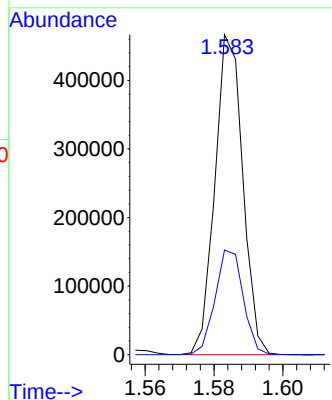
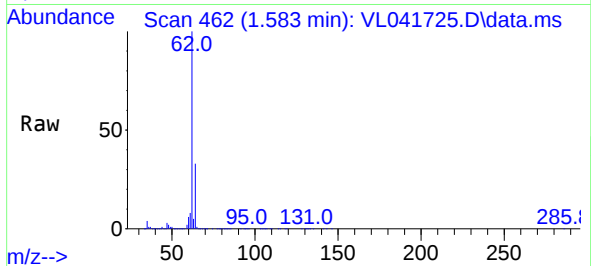
#5
 Vinyl Chloride
 Concen: 16.967 ppbv
 RT: 1.583 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 62 Resp: 262683
 Ion Ratio Lower Upper
 62 100
 64 32.7 27.6 41.4

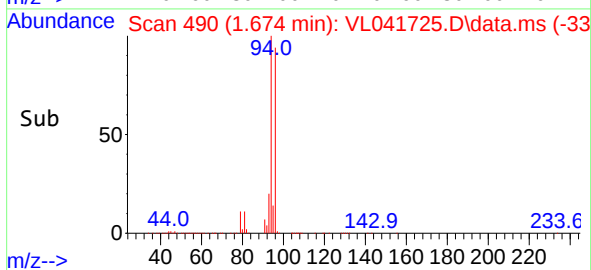
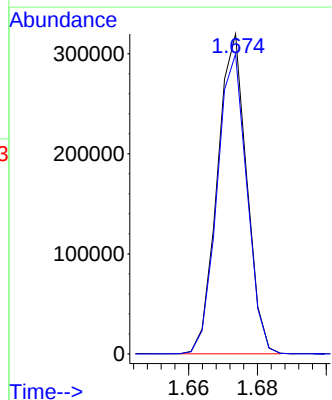
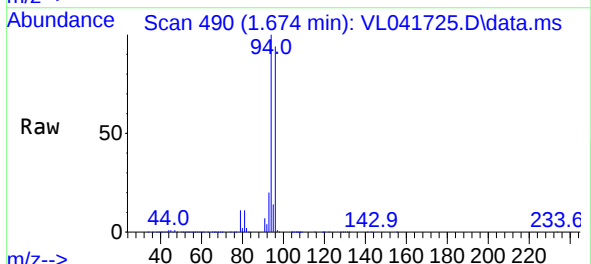
Manual Integrations
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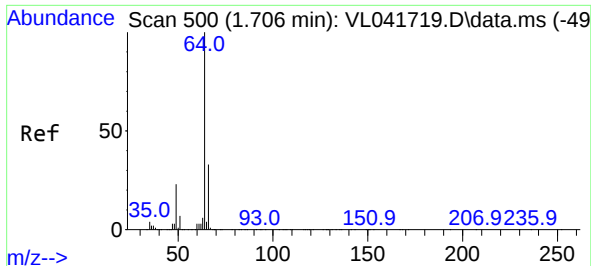
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#6
 Bromomethane
 Concen: 18.620 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

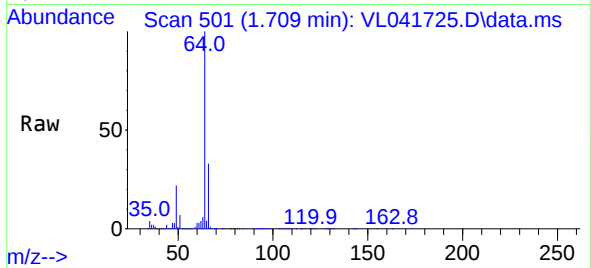
Tgt Ion: 94 Resp: 189051
 Ion Ratio Lower Upper
 94 100
 96 93.7 75.4 113.0





#7
Chloroethane
Concen: 17.838 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

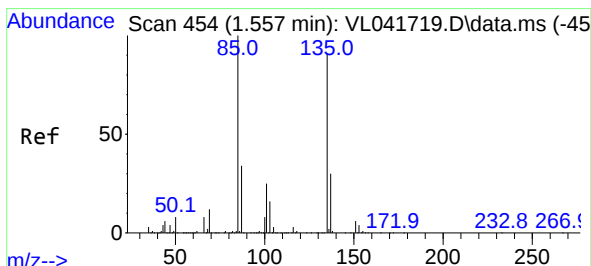
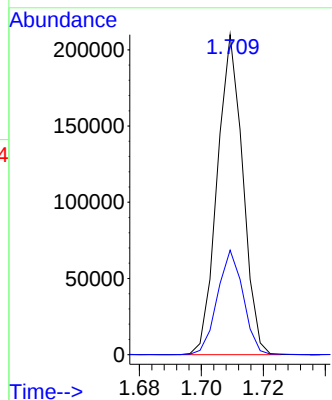
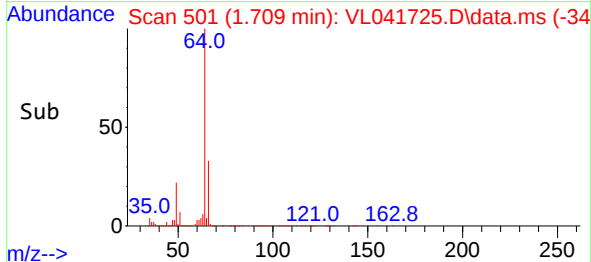
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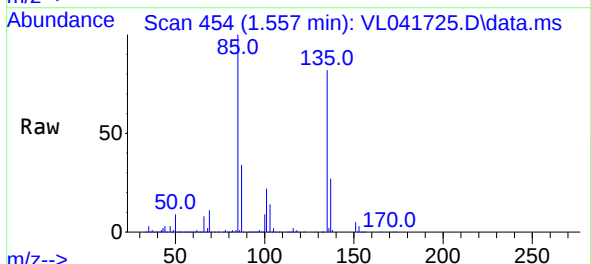
Tgt Ion: 64 Resp: 120139
Ion Ratio Lower Upper
64 100
66 32.7 26.5 39.7

Manual Integrations
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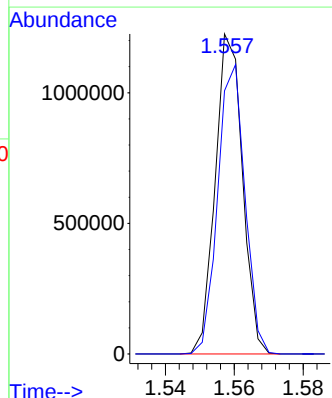
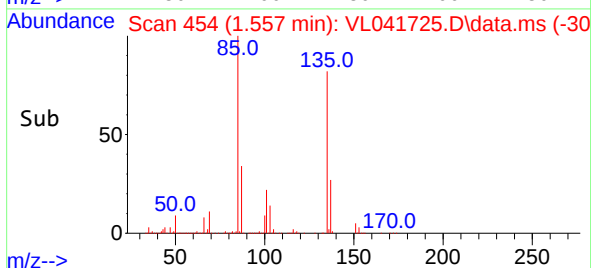
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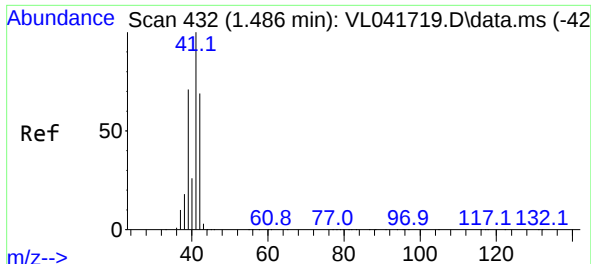


#8
Dichlorotetrafluoroethane
Concen: 17.363 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



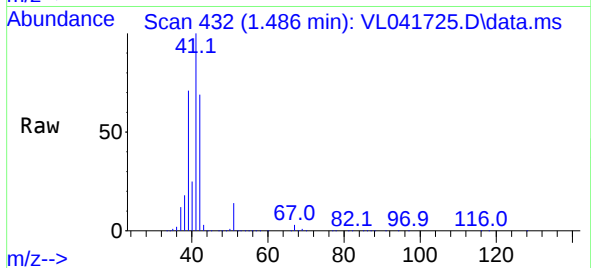
Tgt Ion: 85 Resp: 674343
Ion Ratio Lower Upper
85 100
135 90.4 69.0 103.6





#9
Propene
Concen: 13.791 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

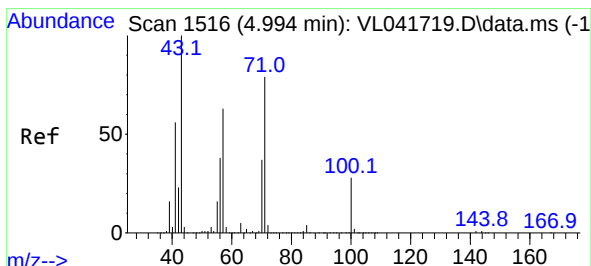
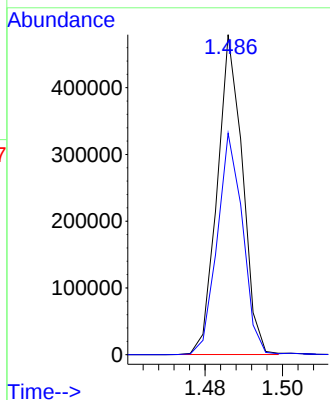
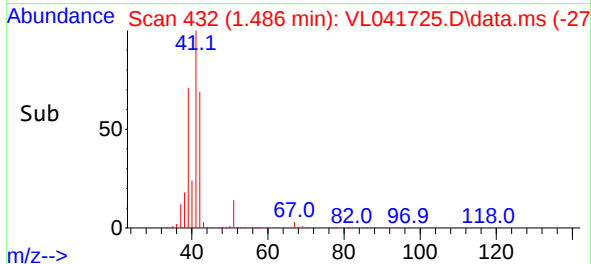
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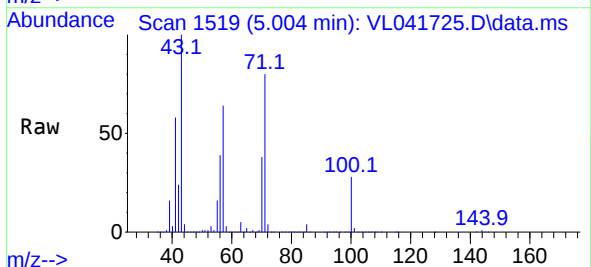
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Ion Ratio Lower Upper
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42 70.2 56.2 84.4

Manual Integrations
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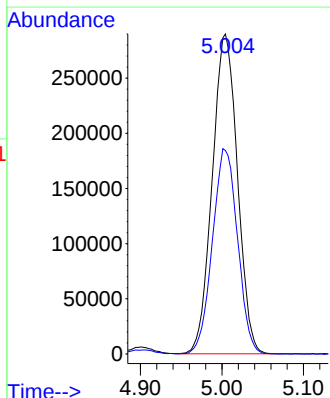
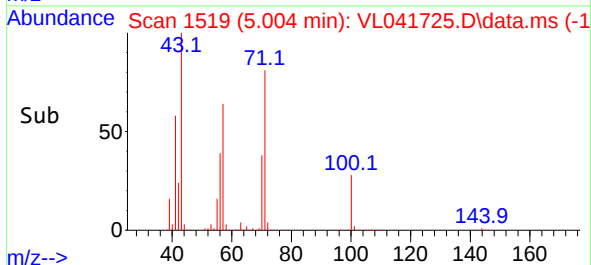
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

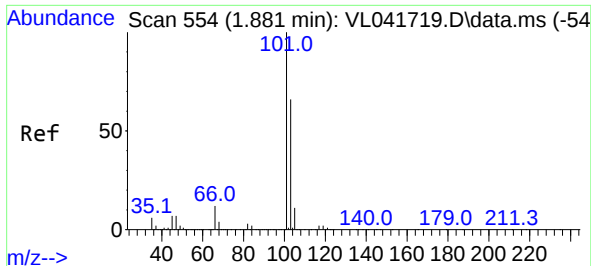


#10
Heptane
Concen: 14.325 ppbv
RT: 5.004 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 43 Resp: 623852
Ion Ratio Lower Upper
43 100
57 63.9 50.5 75.7





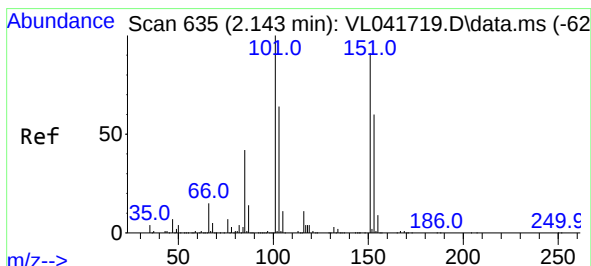
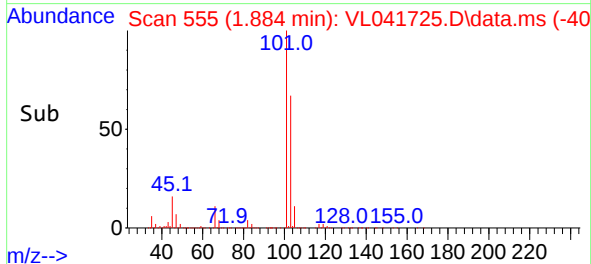
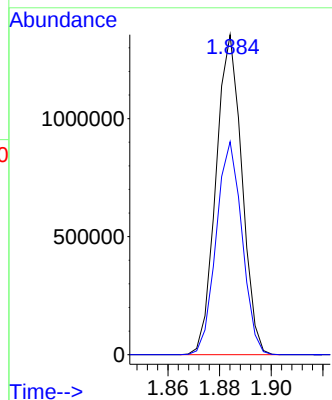
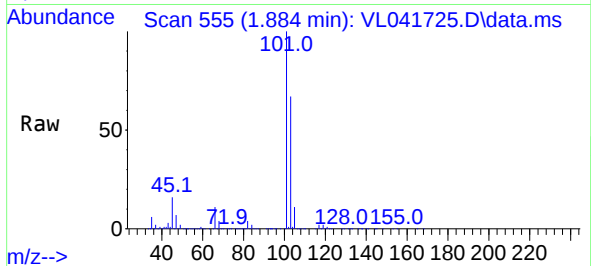
#11
Trichlorofluoromethane
Concen: 17.227 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:101 Resp: 944868
Ion Ratio Lower Upper
101 100
103 66.5 52.7 79.1

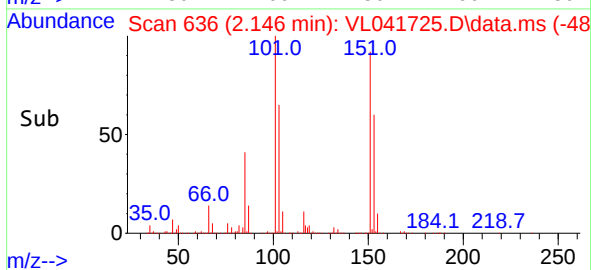
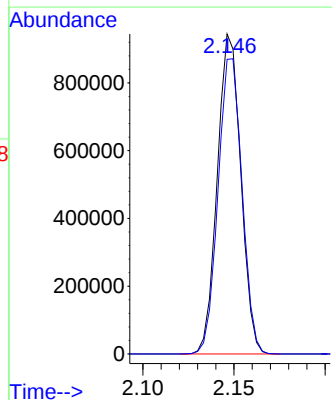
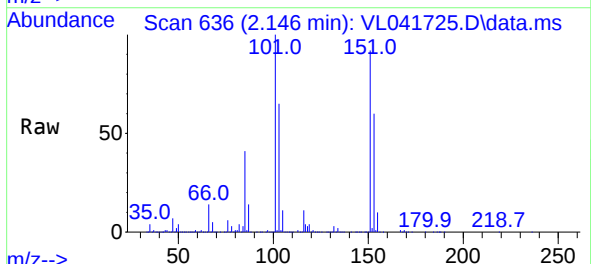
Manual Integrations
APPROVED

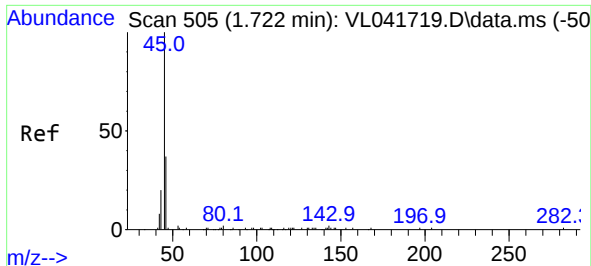
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 17.143 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

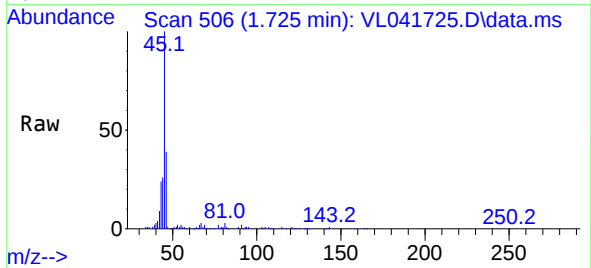
Tgt Ion:101 Resp: 846549
Ion Ratio Lower Upper
101 100
151 94.4 74.4 111.6





#13
Ethanol
Concen: 9.194 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

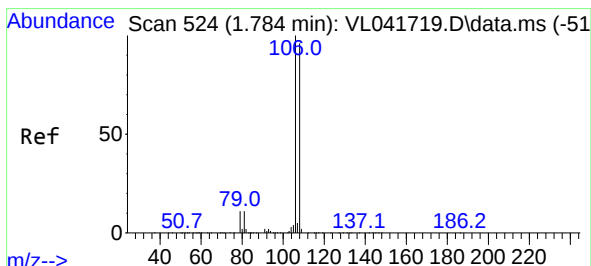
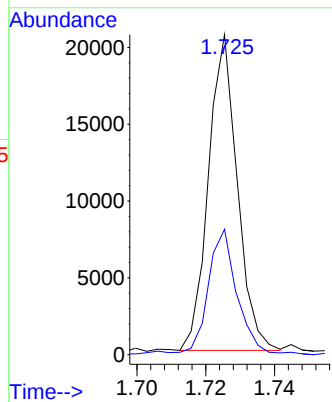
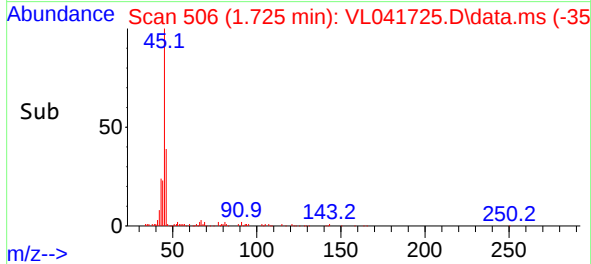
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



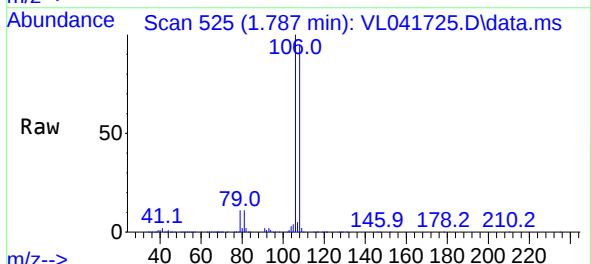
Tgt Ion: 45 Resp: 11979
Ion Ratio Lower Upper
45 100
46 41.4 16.6 66.6

Manual Integrations
APPROVED

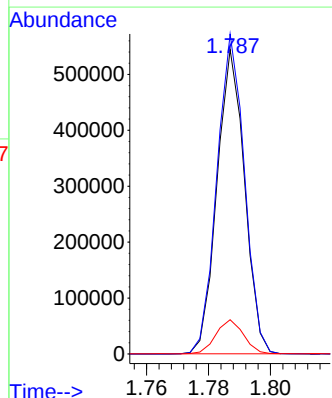
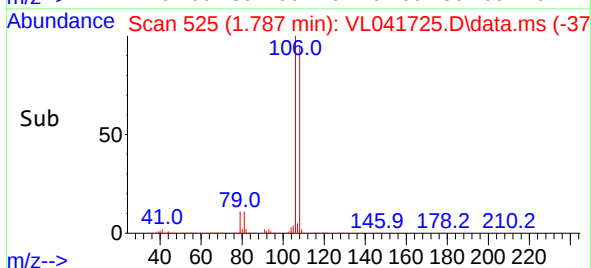
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

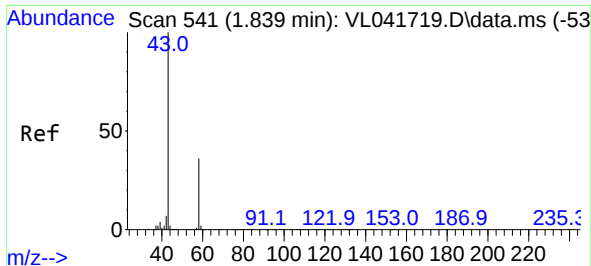


#14
Bromoethene
Concen: 18.521 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



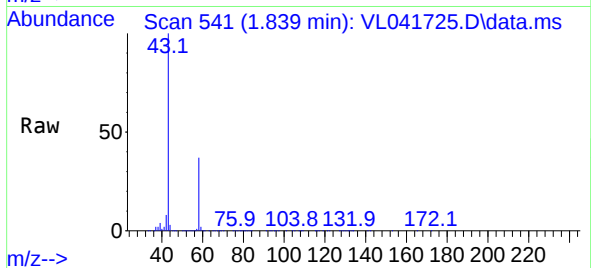
Tgt Ion:108 Resp: 335233
Ion Ratio Lower Upper
108 100
106 105.6 83.5 125.3
79 11.5 9.3 13.9





#15
Acetone
Concen: 13.570 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

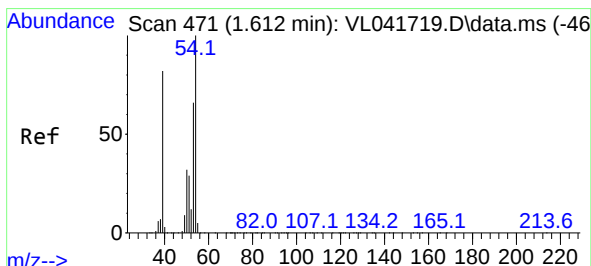
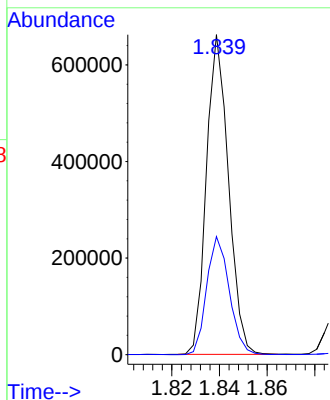
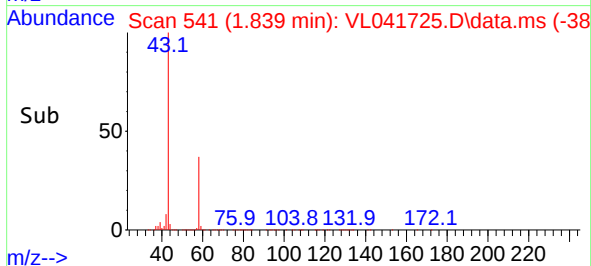
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



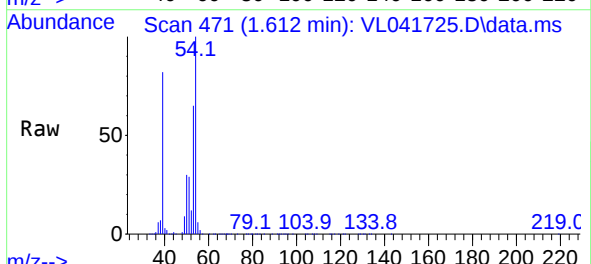
Tgt Ion: 43 Resp: 425150
Ion Ratio Lower Upper
43 100
58 38.1 28.9 43.3

Manual Integrations
APPROVED

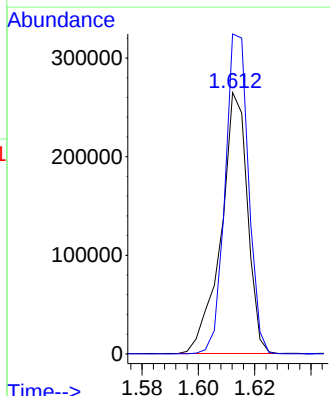
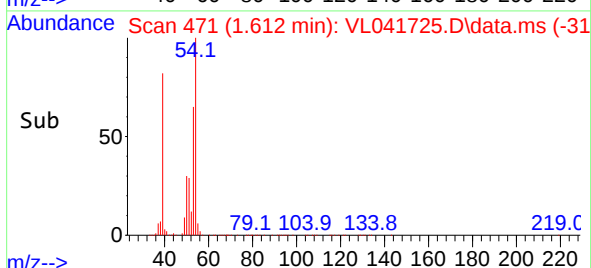
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

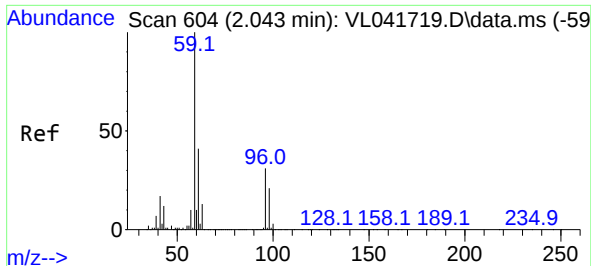


#16
1,3-Butadiene
Concen: 16.393 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



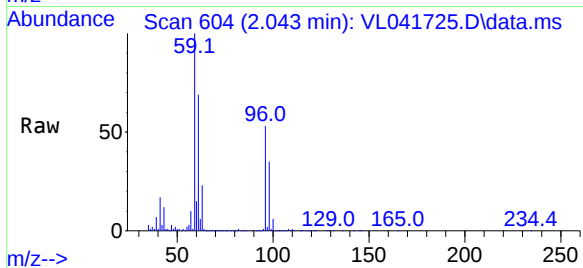
Tgt Ion: 39 Resp: 172296
Ion Ratio Lower Upper
39 100
54 109.1 85.0 127.6





#17
tert-Butyl alcohol
Concen: 16.273 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

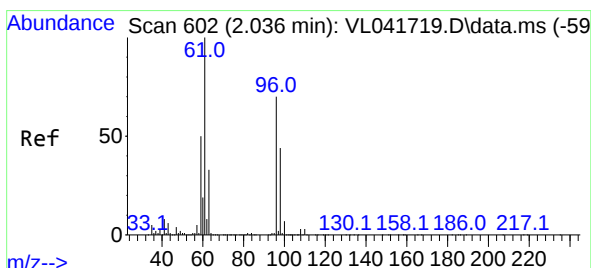
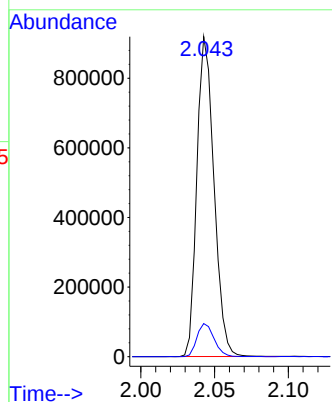
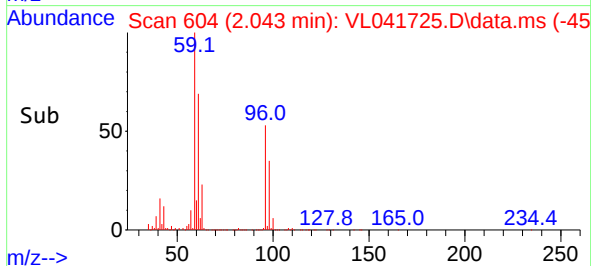
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



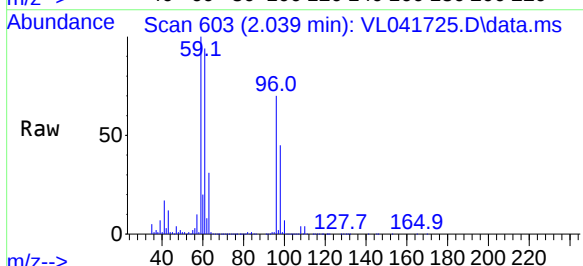
Tgt Ion: 59 Resp: 73916
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
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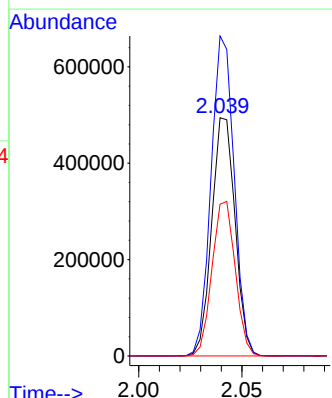
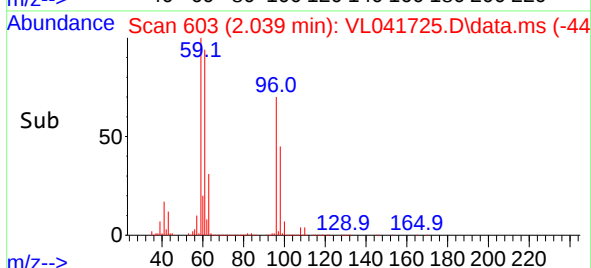
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

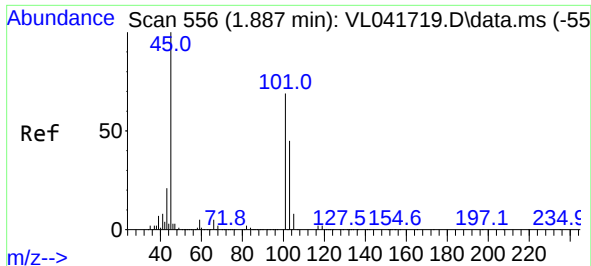


#18
1,1-Dichloroethene
Concen: 16.998 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 96 Resp: 388096
Ion Ratio Lower Upper
96 100
61 134.3 114.4 171.6
98 63.7 50.6 75.8





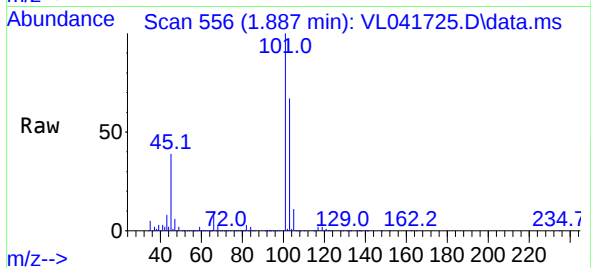
#19
Isopropyl Alcohol
Concen: 9.617 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

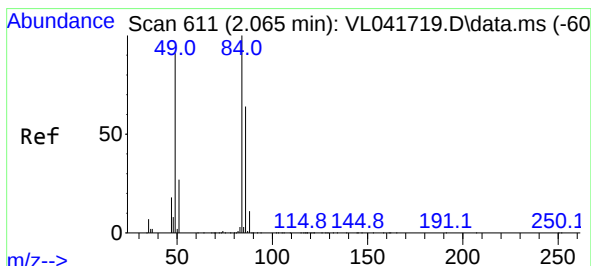
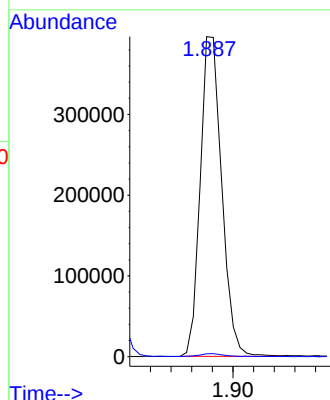
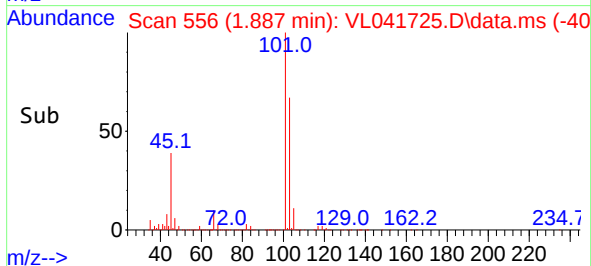


Tgt Ion: 45 Resp: 286200
Ion Ratio Lower Upper
45 100
58 56.6 40.6 61.0

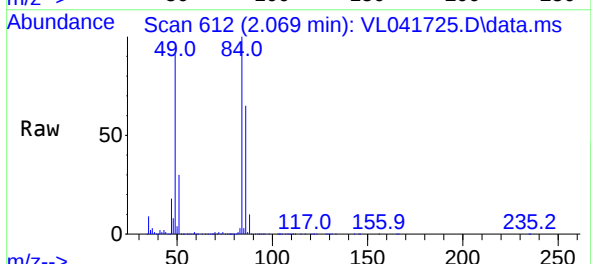
Manual Integrations

APPROVED

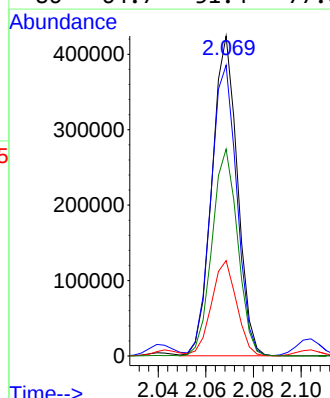
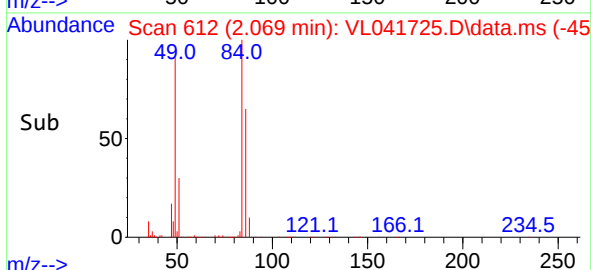
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

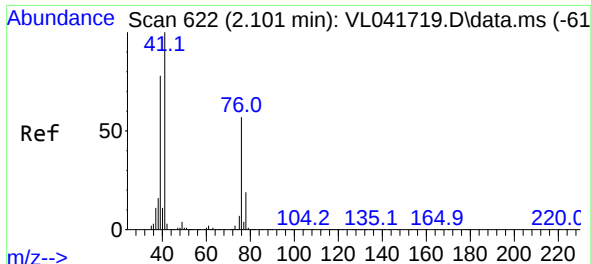


#20
Methylene Chloride
Concen: 16.539 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 84 Resp: 313879
Ion Ratio Lower Upper
84 100
49 90.5 73.6 110.4
51 29.7 22.7 34.1
86 64.7 51.4 77.0





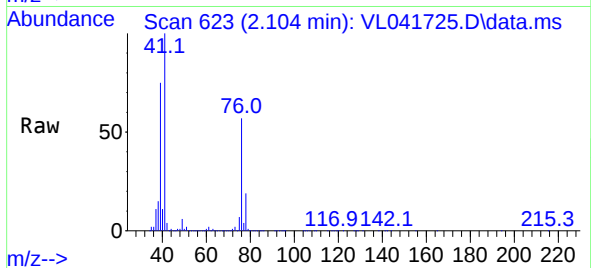
#21
 Allyl Chloride
 Concen: 17.632 ppbv
 RT: 2.104 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

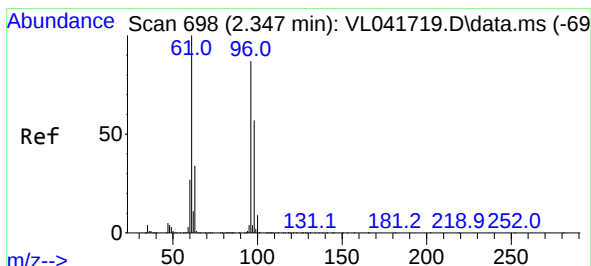
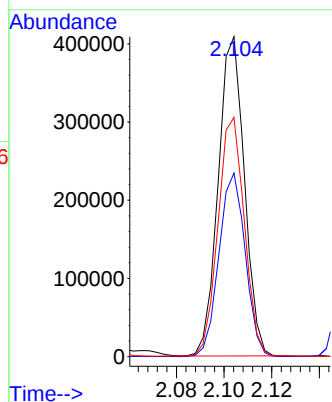
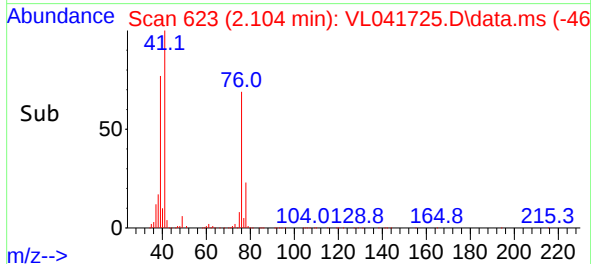


Tgt Ion: 41 Resp: 311060
 Ion Ratio Lower Upper
 41 100
 76 57.8 44.2 66.2
 39 75.3 62.8 94.2

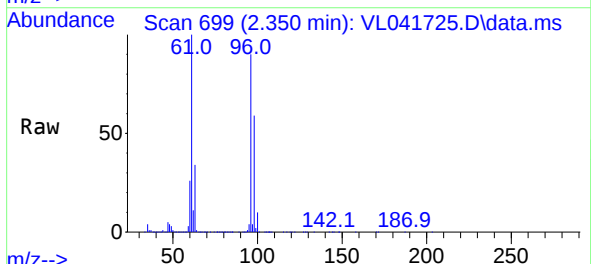
Manual Integrations

APPROVED

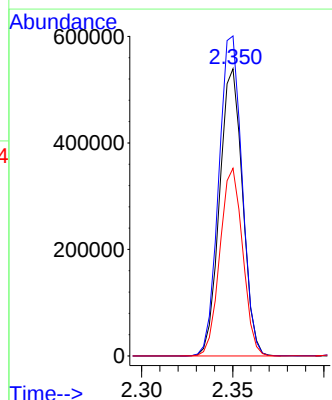
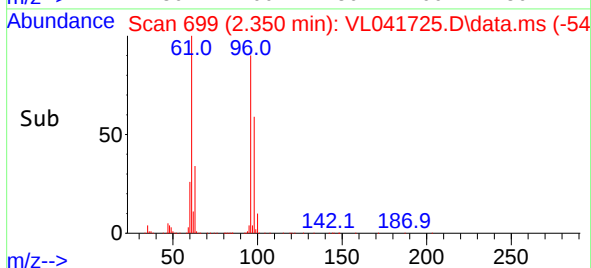
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

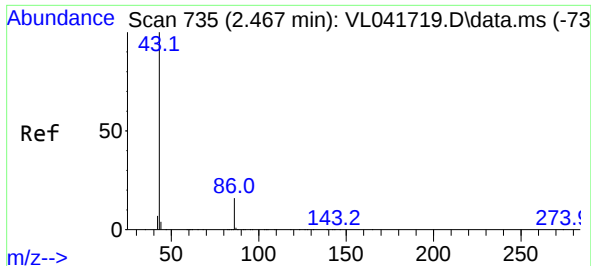


#22
 trans-1,2-Dichloroethene
 Concen: 18.044 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.003 min
 Lab File: VL041725.D
 Acq: 11 Dec 2024 17:21



Tgt Ion: 96 Resp: 471621
 Ion Ratio Lower Upper
 96 100
 61 111.4 91.8 137.6
 98 65.4 52.7 79.1





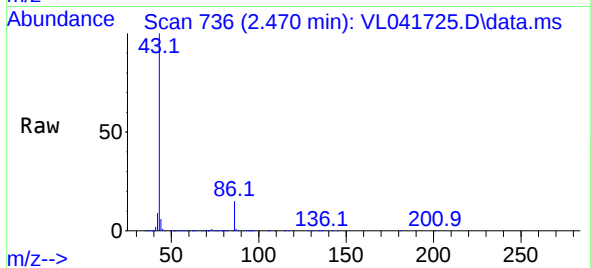
#23
Vinyl Acetate
Concen: 13.346 ppbv
RT: 2.470 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

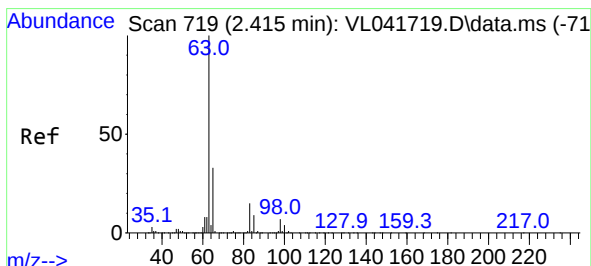
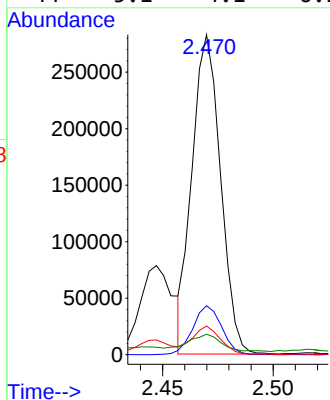
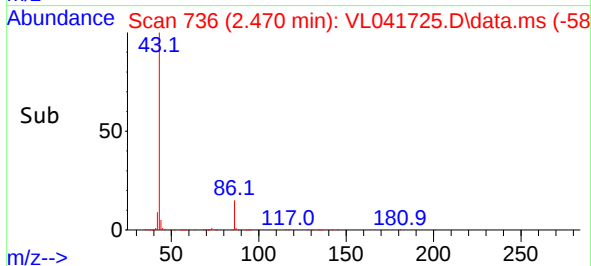


Tgt Ion: 43 Resp: 253214
Ion Ratio Lower Upper
43 100
86 15.3 11.5 17.3
42 8.9 6.6 10.0
44 5.1 4.1 6.1

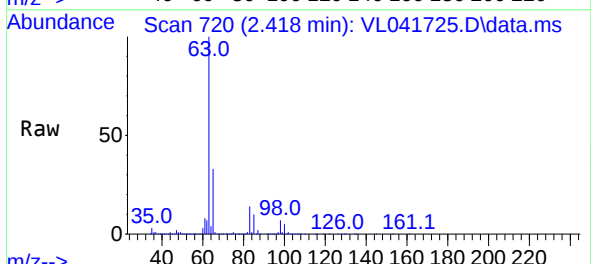
Manual Integrations

APPROVED

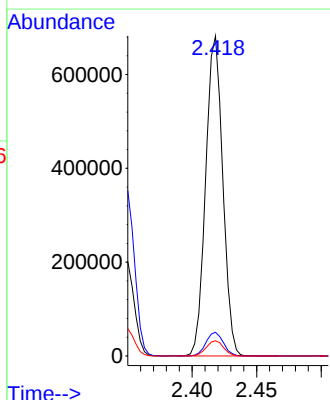
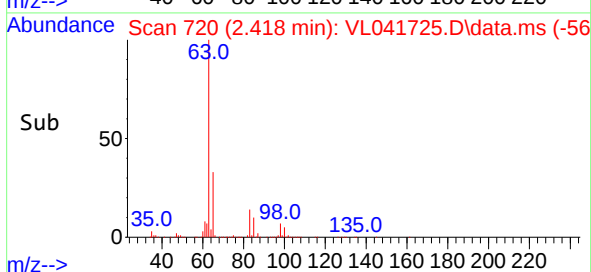
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

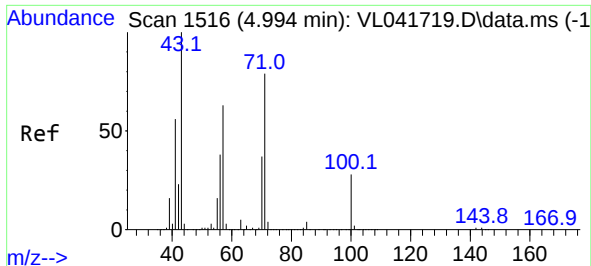


#24
1,1-Dichloroethane
Concen: 17.801 ppbv
RT: 2.418 min Scan# 720
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 63 Resp: 628058
Ion Ratio Lower Upper
63 100
98 7.4 3.6 10.8
100 4.7 2.3 6.8





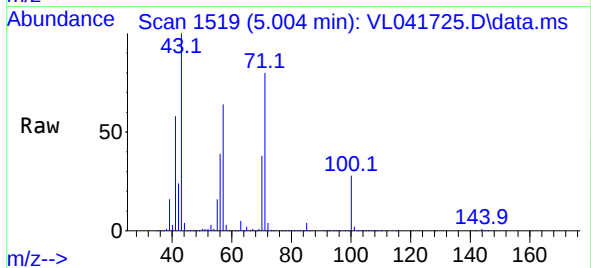
#25
Ethyl Acetate
Concen: 14.325 ppbv
RT: 5.004 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

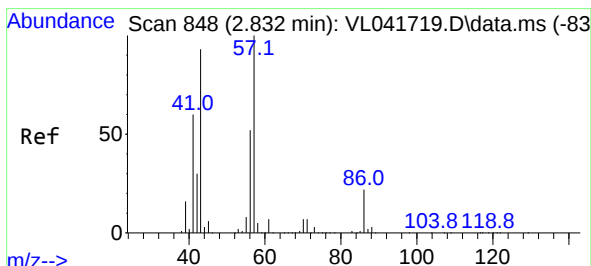
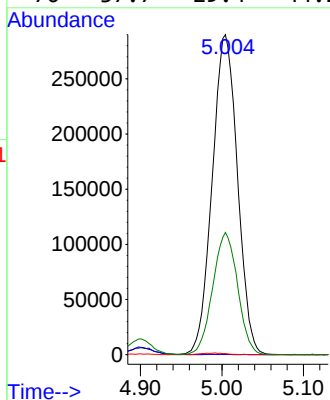
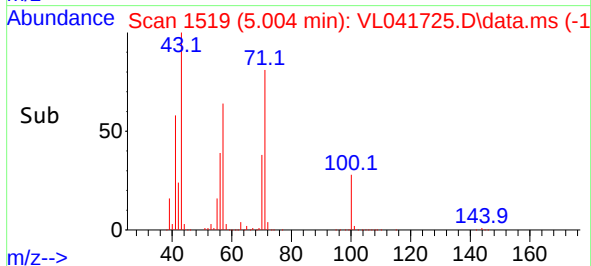


Tgt Ion: 43 Resp: 623852
Ion Ratio Lower Upper
43 100
45 0.1 0.0 0.0
61 0.5 0.4 0.6
70 37.7 29.4 44.2

Manual Integrations

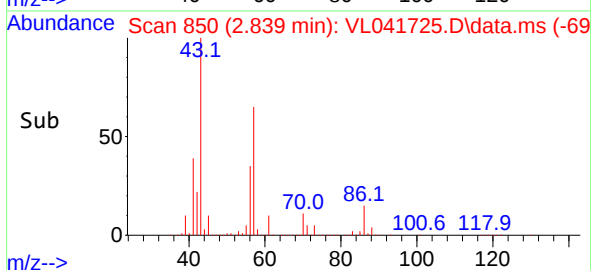
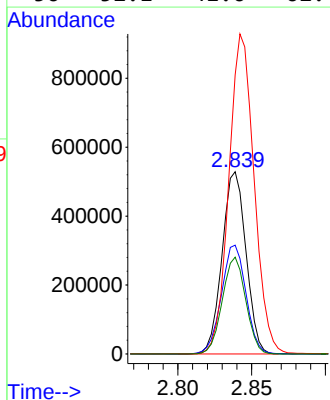
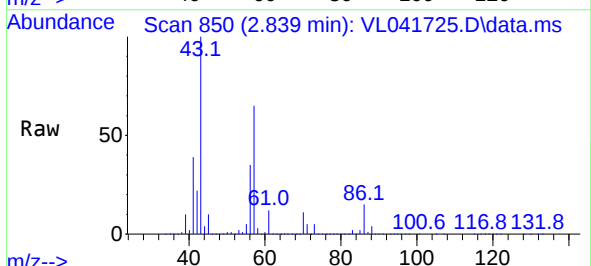
APPROVED

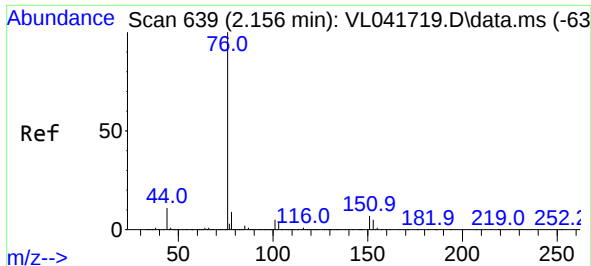
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#26
Hexane
Concen: 14.098 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

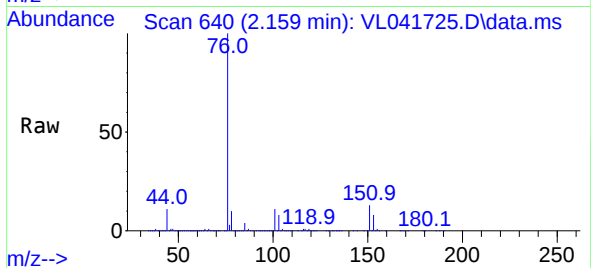
Tgt Ion: 57 Resp: 595417
Ion Ratio Lower Upper
57 100
41 61.6 49.5 74.3
43 186.3 150.6 225.8
56 52.1 41.6 62.4





#27
Carbon Disulfide
Concen: 19.454 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

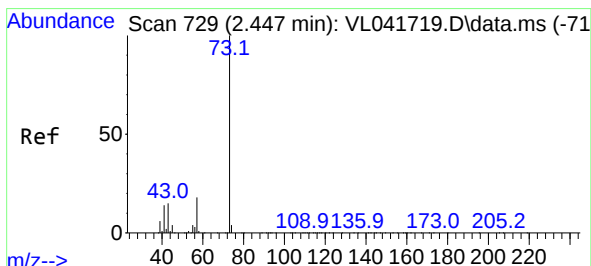
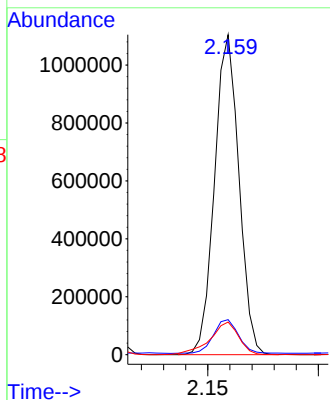
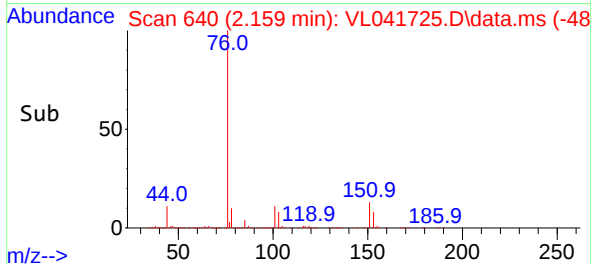
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 76 Resp: 845880
Ion Ratio Lower Upper
76 100
44 11.2 9.4 14.0
78 12.0 9.4 14.0

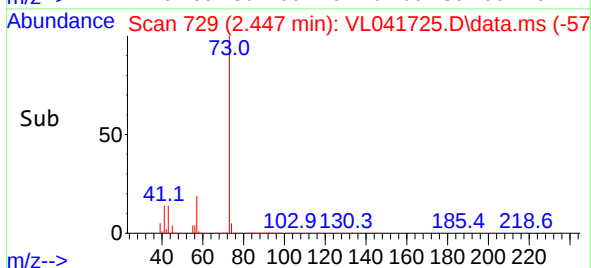
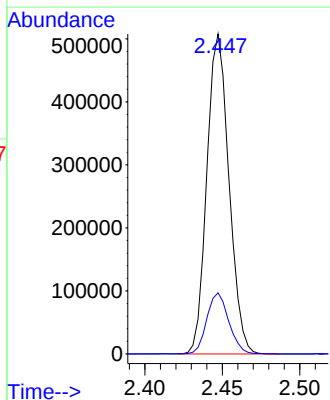
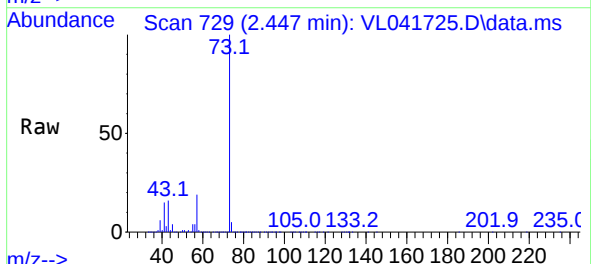
Manual Integrations
APPROVED

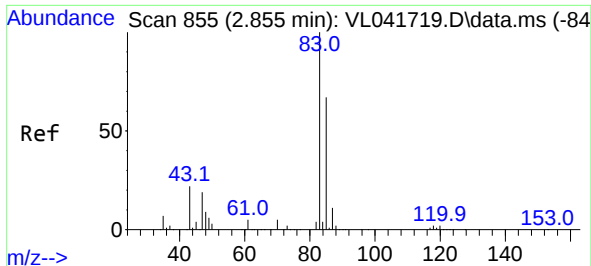
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#28
Methyl tert-Butyl Ether
Concen: 15.875 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 73 Resp: 503238
Ion Ratio Lower Upper
73 100
57 19.0 15.3 22.9





#29

Chloroform

Concen: 14.232 ppbv

RT: 2.858 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 83 Resp: 92014

Ion Ratio Lower Upper

83 100

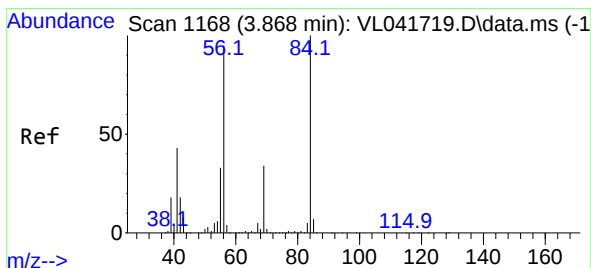
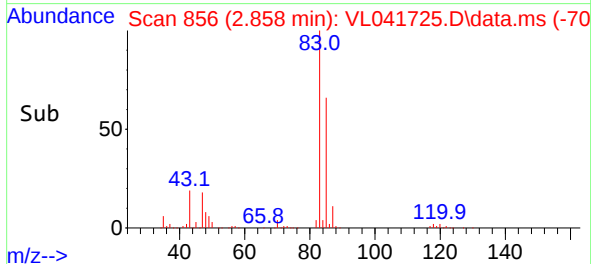
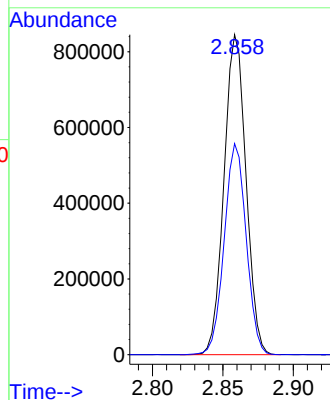
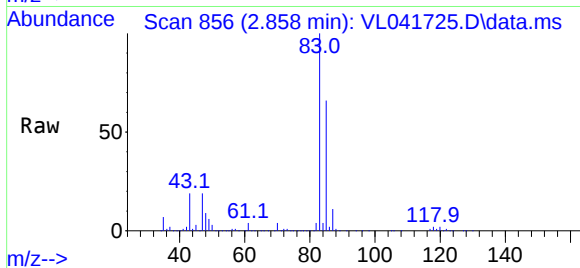
85 66.0 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#30

Cyclohexane

Concen: 14.539 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VL041725.D

Acq: 11 Dec 2024 17:21

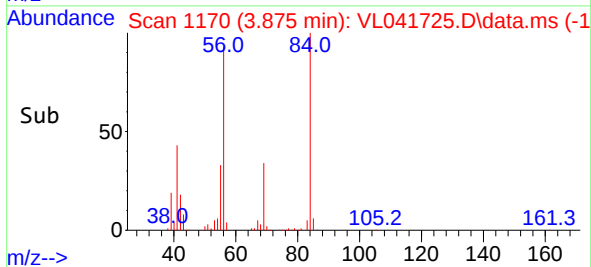
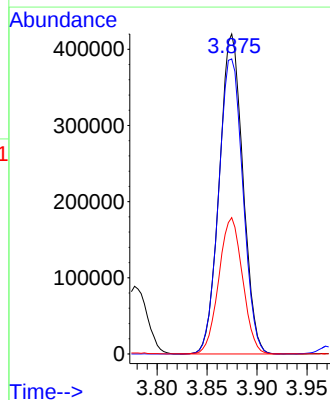
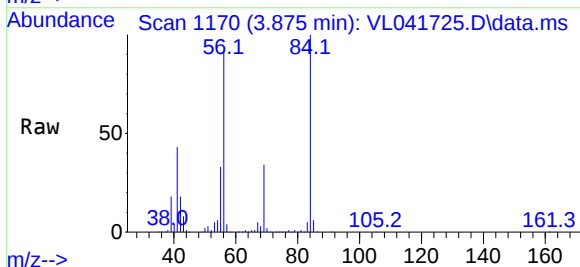
Tgt Ion: 84 Resp: 690006

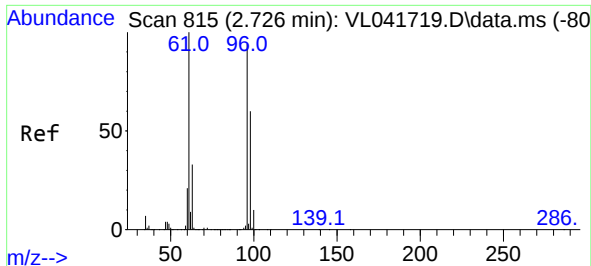
Ion Ratio Lower Upper

84 100

56 94.9 76.0 114.0

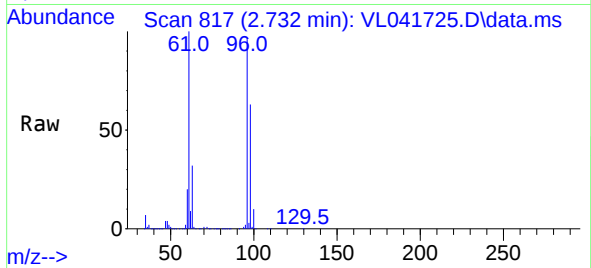
41 42.9 34.2 51.4





#31
cis-1,2-Dichloroethene
Concen: 14.309 ppbv
RT: 2.732 min Scan# 815
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

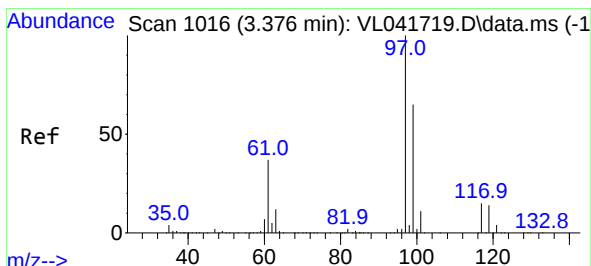
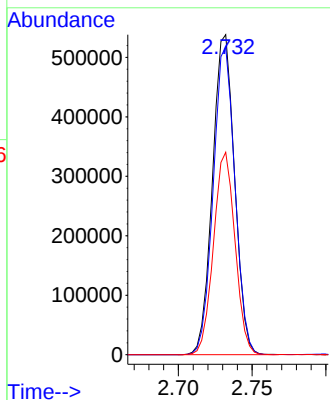
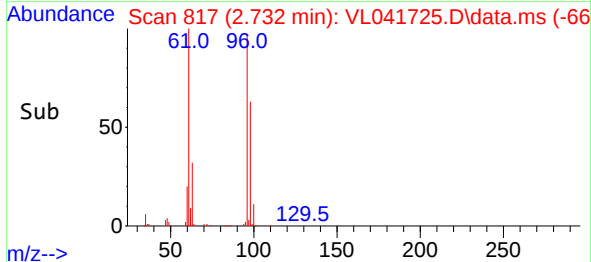
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 61 Resp: 560017
Ion Ratio Lower Upper
61 100
96 96.2 75.4 113.2
98 63.2 48.3 72.5

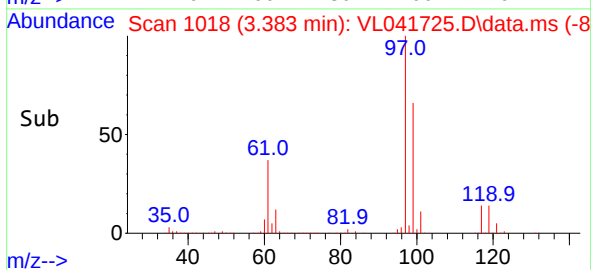
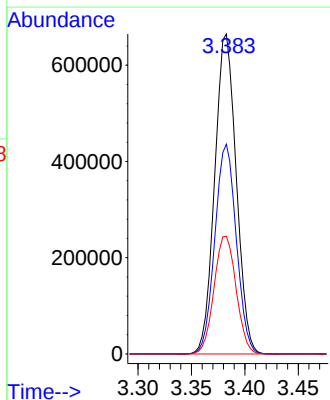
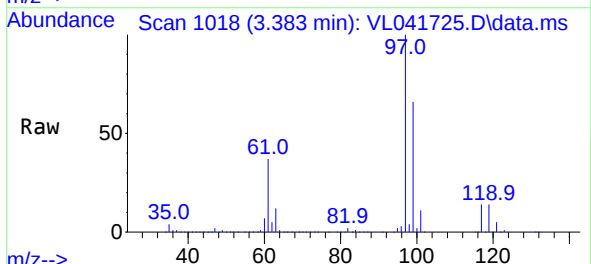
Manual Integrations
APPROVED

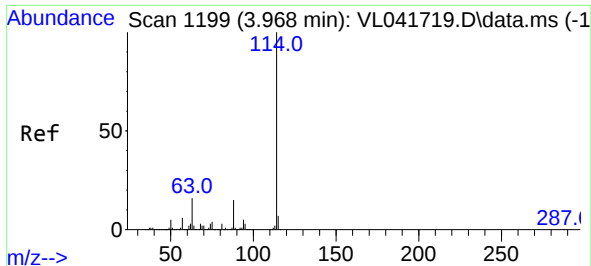
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#32
1,1,1-Trichloroethane
Concen: 14.665 ppbv
RT: 3.383 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

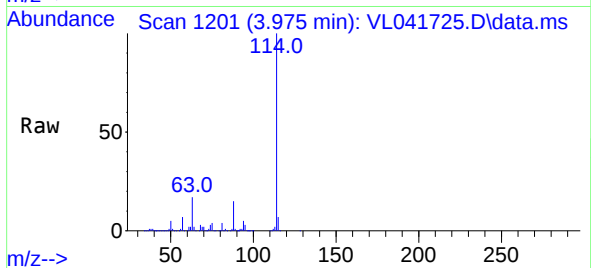
Tgt Ion: 97 Resp: 932381
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.2
61 37.8 29.8 44.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1199
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

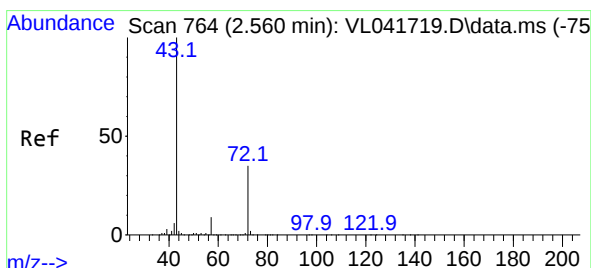
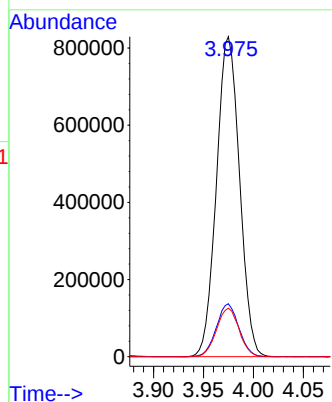
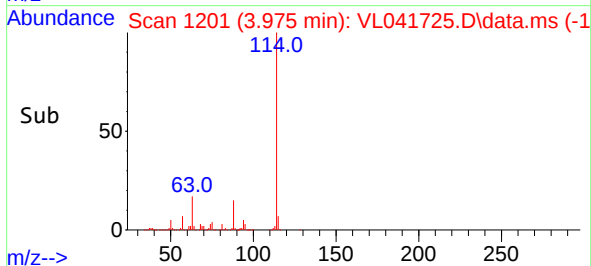
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:114 Resp: 1332170
Ion Ratio Lower Upper
114 100
63 16.1 12.9 19.3
88 14.8 11.8 17.6

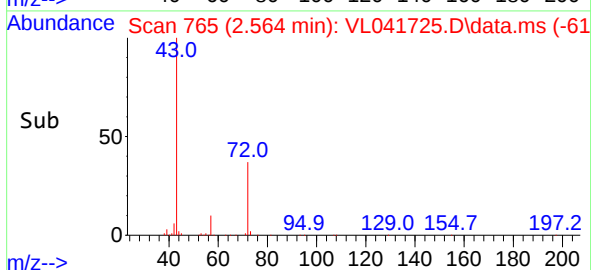
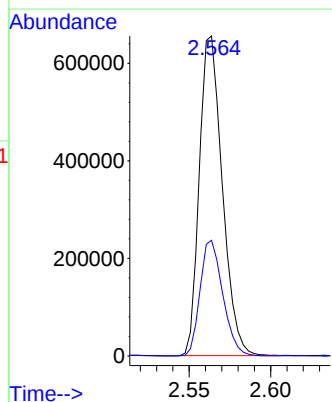
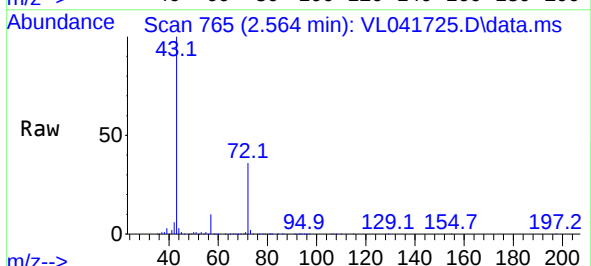
Manual Integrations
APPROVED

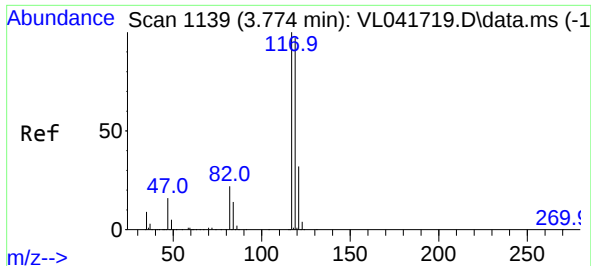
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#34
2-Butanone
Concen: 13.768 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 43 Resp: 642196
Ion Ratio Lower Upper
43 100
72 35.7 28.3 42.5





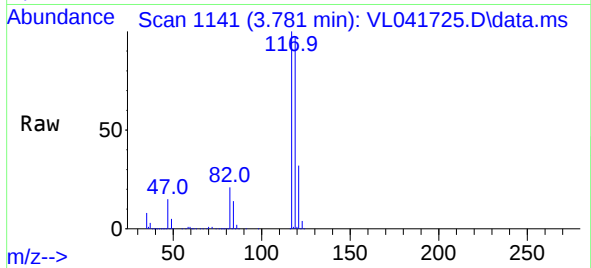
#35
Carbon Tetrachloride
Concen: 15.944 ppbv
RT: 3.781 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

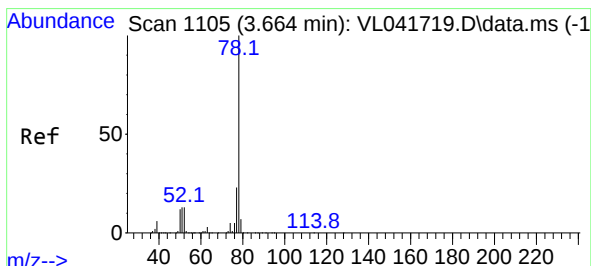
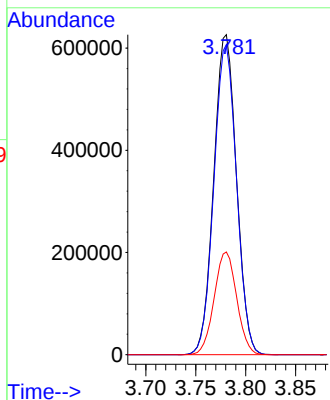
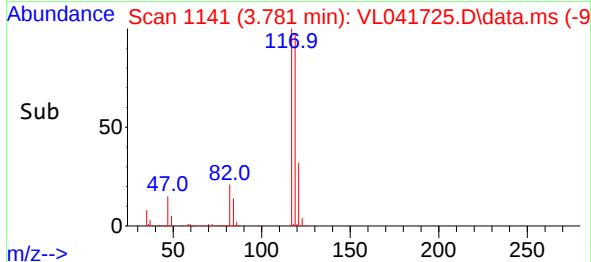


Tgt Ion: 117 Resp: 989220
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5
121 32.1 25.5 38.3

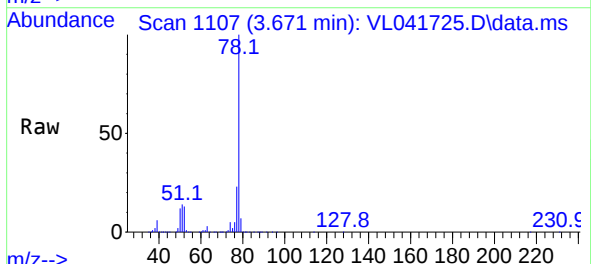
Manual Integrations

APPROVED

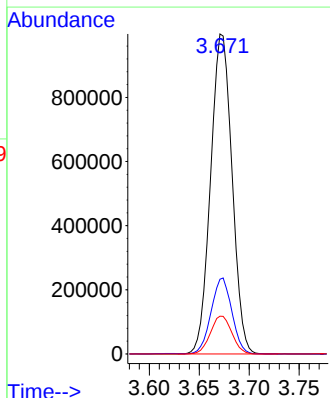
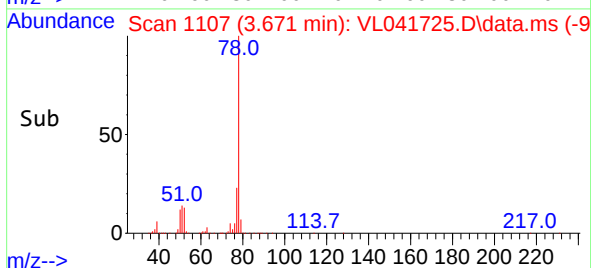
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

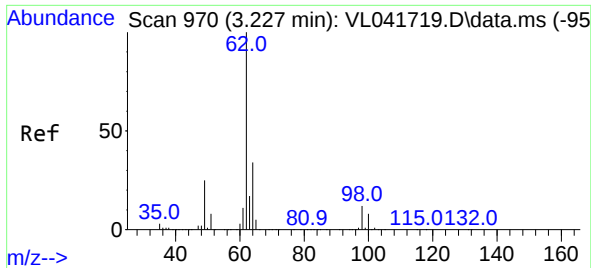


#36
Benzene
Concen: 14.228 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 78 Resp: 1490264
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8
50 11.8 9.5 14.3





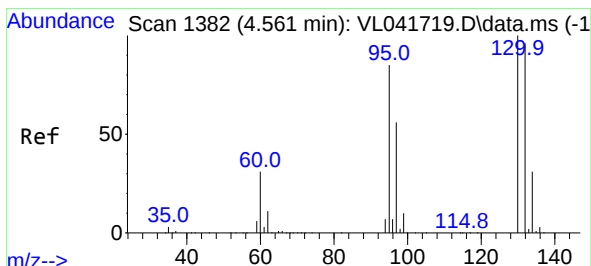
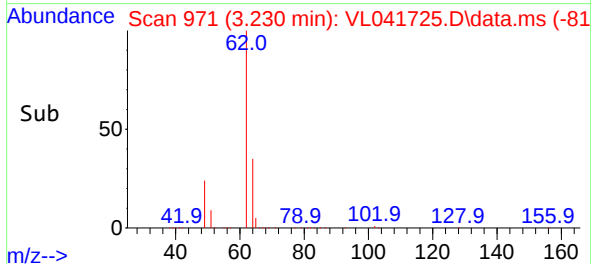
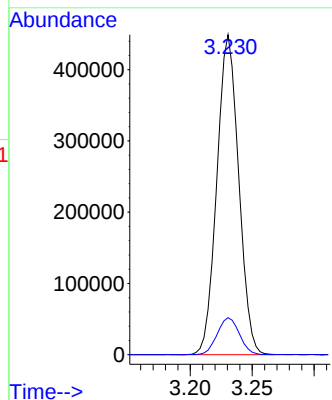
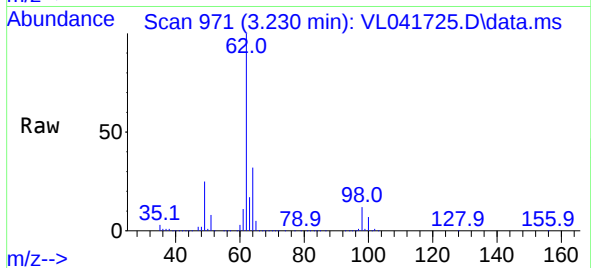
#37
1,2-Dichloroethane
Concen: 14.572 ppbv
RT: 3.230 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 62 Resp: 551370
Ion Ratio Lower Upper
62 100
98 11.8 9.4 14.2

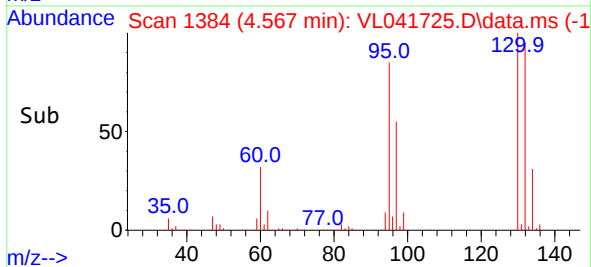
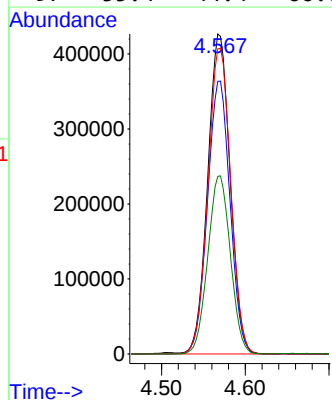
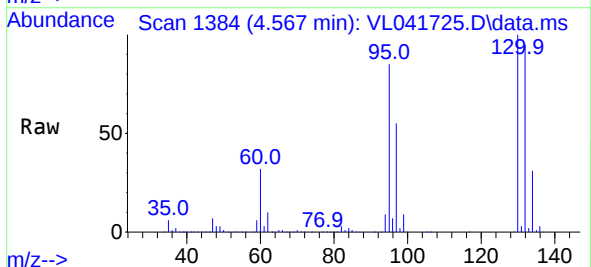
Manual Integrations
APPROVED

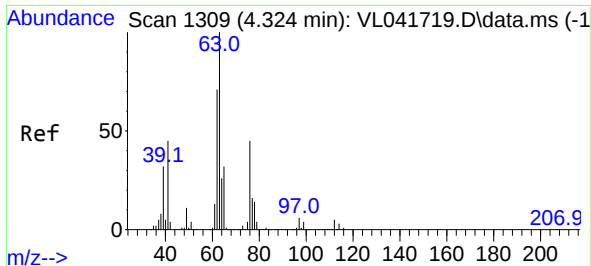
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 14.625 ppbv
RT: 4.567 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

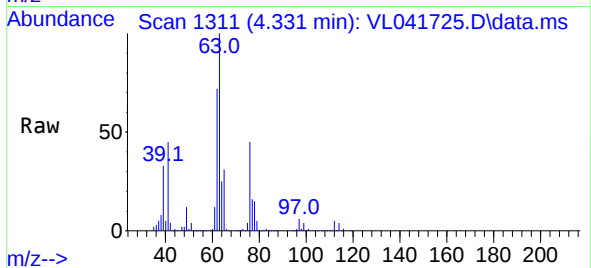
Tgt Ion:130 Resp: 794408
Ion Ratio Lower Upper
130 100
95 85.2 68.0 102.0
132 95.3 76.5 114.7
97 55.4 44.4 66.6





#39
1,2-Dichloropropane
Concen: 14.554 ppbv
RT: 4.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

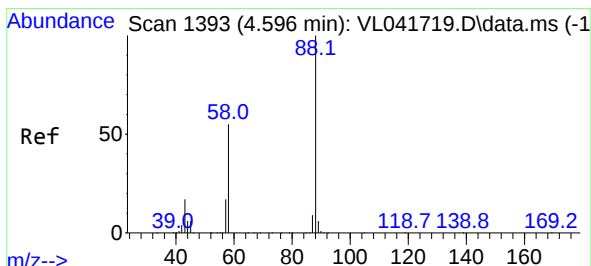
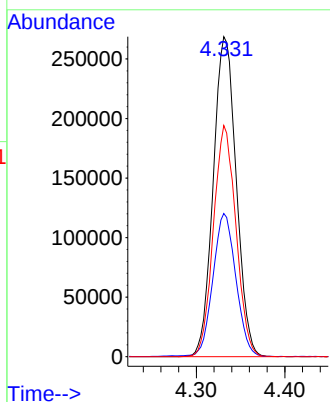
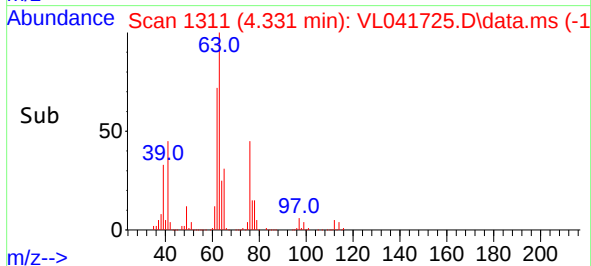
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 63 Resp: 485752
Ion Ratio Lower Upper
63 100
41 44.7 36.4 54.6
62 72.2 56.6 85.0

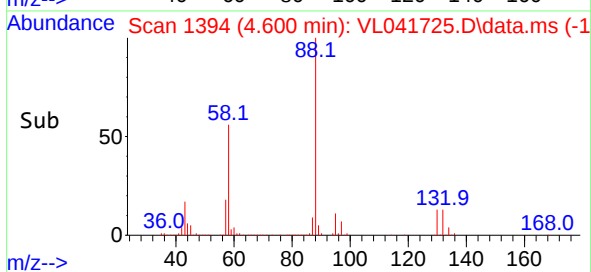
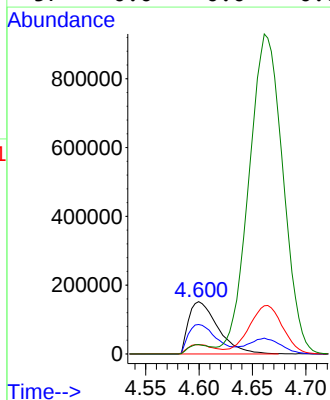
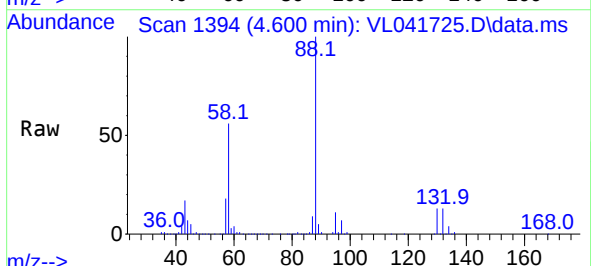
Manual Integrations
APPROVED

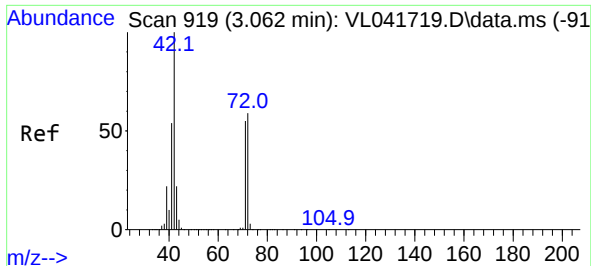
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#40
1,4-Dioxane
Concen: 14.441 ppbv
RT: 4.600 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

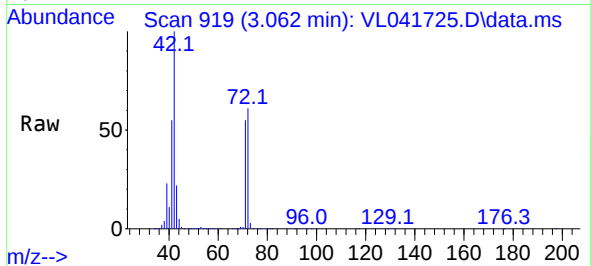
Tgt Ion: 88 Resp: 290806
Ion Ratio Lower Upper
88 100
58 52.5 45.7 68.5
43 15.5 0.0 0.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 14.486 ppbv
RT: 3.062 min Scan# 919
Delta R.T. 0.000 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

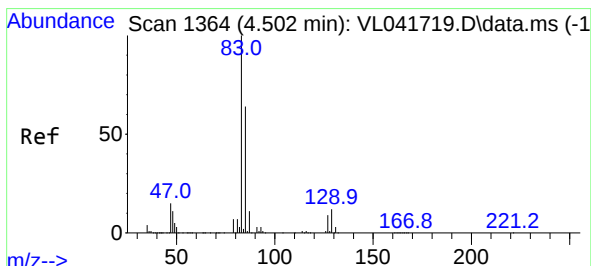
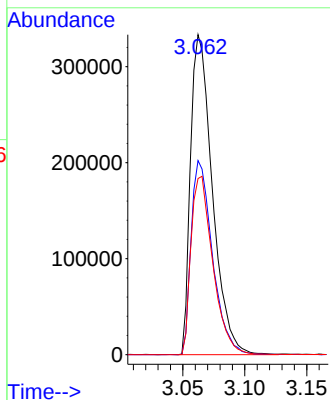
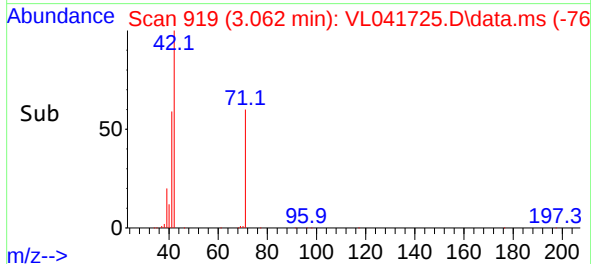
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



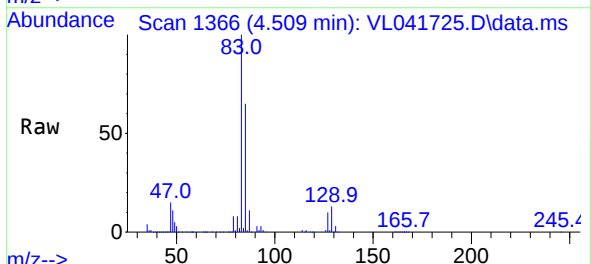
Tgt Ion: 42 Resp: 407190
Ion Ratio Lower Upper
42 100
72 59.4 47.4 71.0
71 55.9 44.4 66.6

Manual Integrations
APPROVED

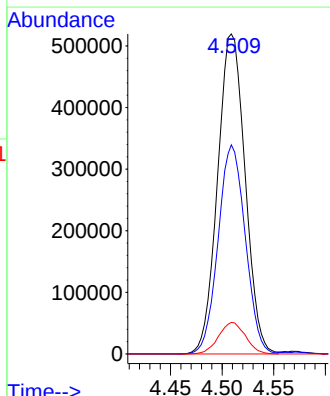
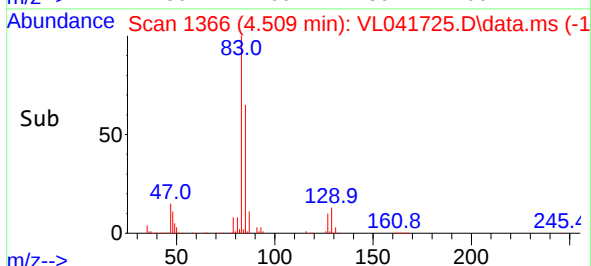
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

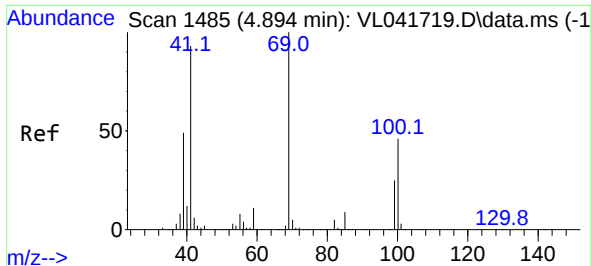


#42
Bromodichloromethane
Concen: 15.774 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



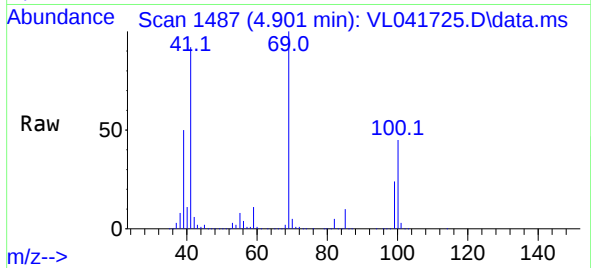
Tgt Ion: 83 Resp: 963584
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.6
127 9.9 7.6 11.4





#43
Methyl Methacrylate
Concen: 14.915 ppbv
RT: 4.901 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

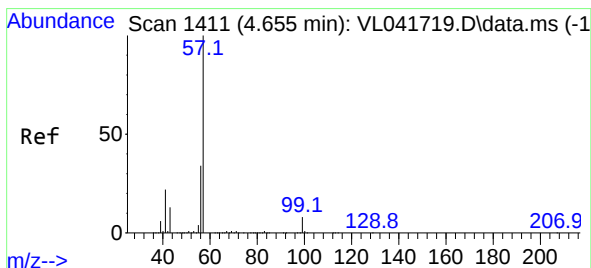
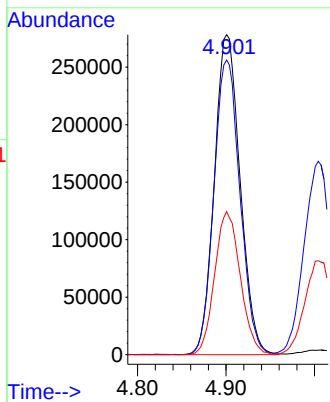
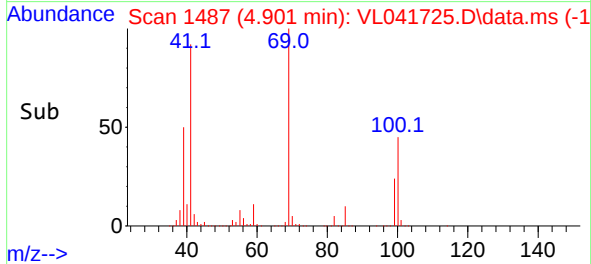
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



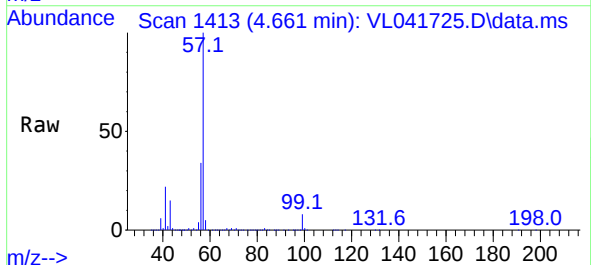
Tgt Ion: 69 Resp: 56269
Ion Ratio Lower Upper
69 100
41 93.2 74.6 112.0
100 44.6 35.5 53.3

Manual Integrations
APPROVED

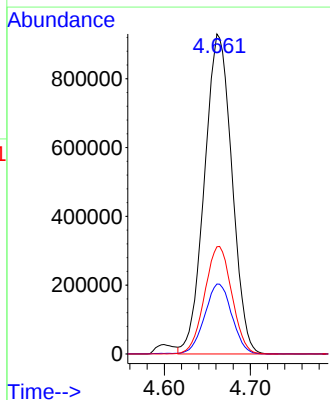
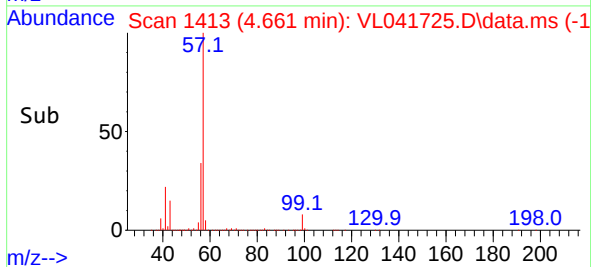
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

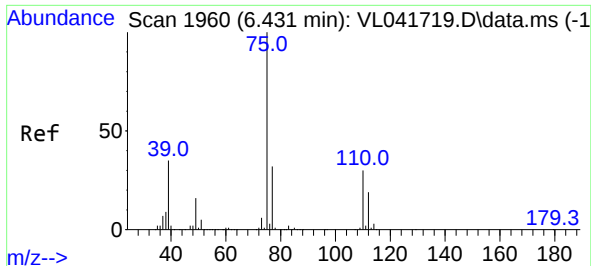


#44
2,2,4-Trimethylpentane
Concen: 14.138 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 57 Resp: 2061284
Ion Ratio Lower Upper
57 100
41 21.8 17.2 25.8
56 33.3 26.6 40.0





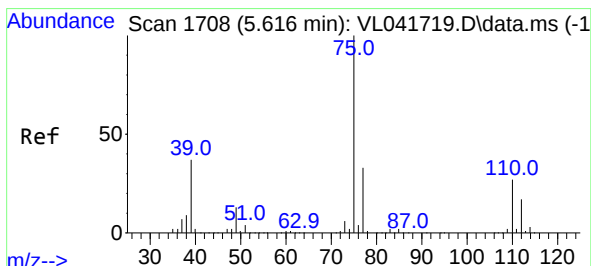
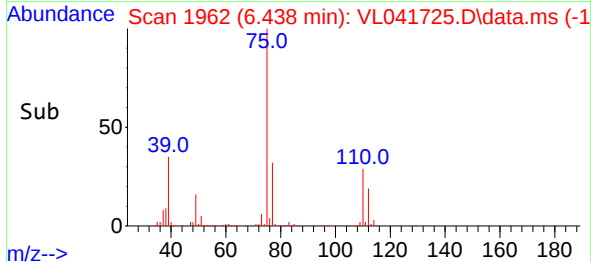
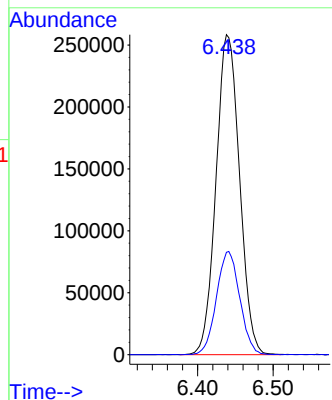
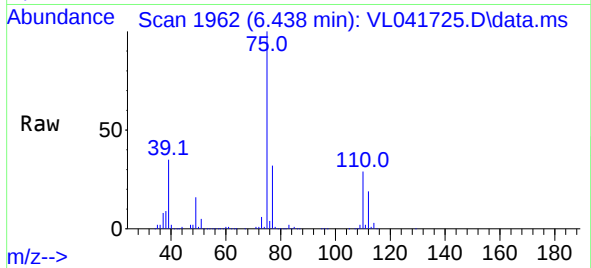
#45
t-1,3-Dichloropropene
Concen: 15.110 ppbv
RT: 6.438 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 75 Resp: 558104
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6

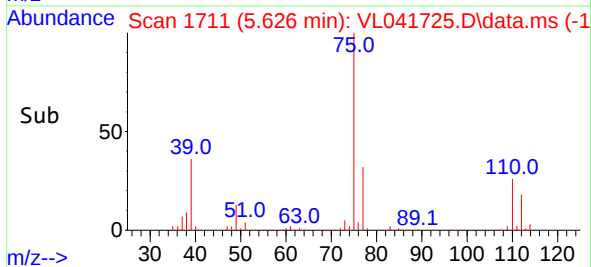
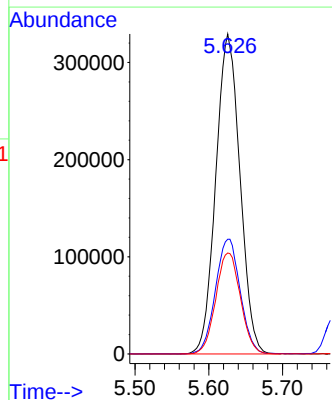
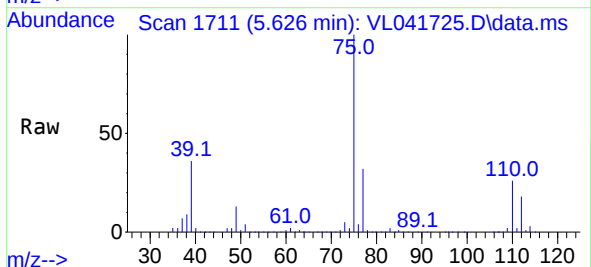
Manual Integrations
APPROVED

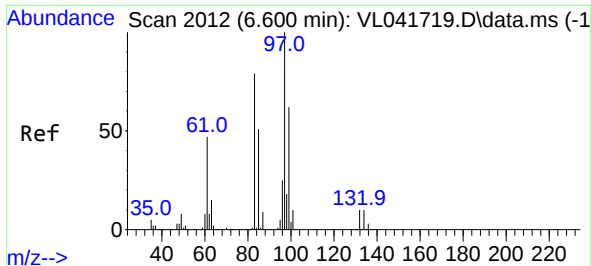
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#46
cis-1,3-Dichloropropene
Concen: 15.333 ppbv
RT: 5.626 min Scan# 1711
Delta R.T. 0.010 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 75 Resp: 749534
Ion Ratio Lower Upper
75 100
39 35.8 29.8 44.6
77 31.5 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 14.386 ppbv
RT: 6.606 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

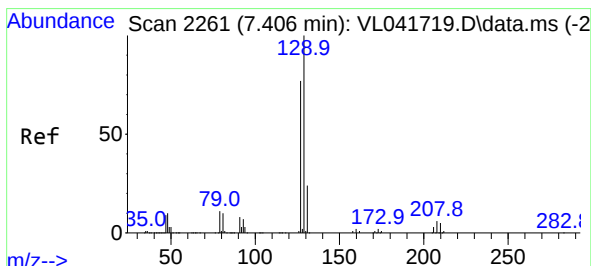
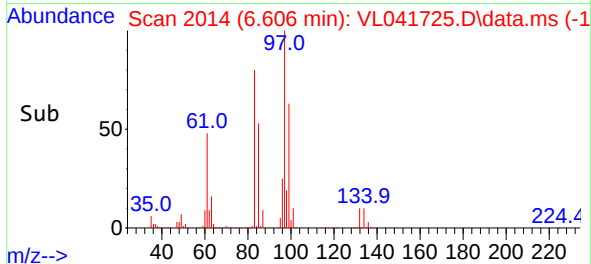
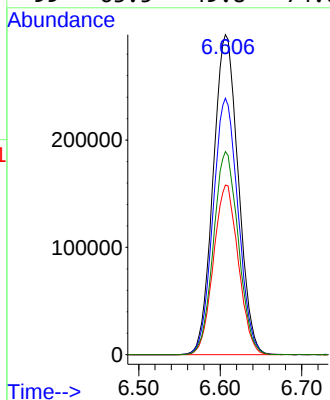
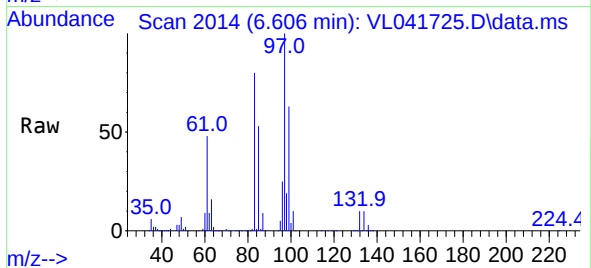
VSTDIC015

Tgt Ion: 97 Resp: 639329
Ion Ratio Lower Upper
97 100
83 80.1 63.0 94.4
85 53.0 41.0 61.6
99 63.5 49.8 74.6

Manual Integrations

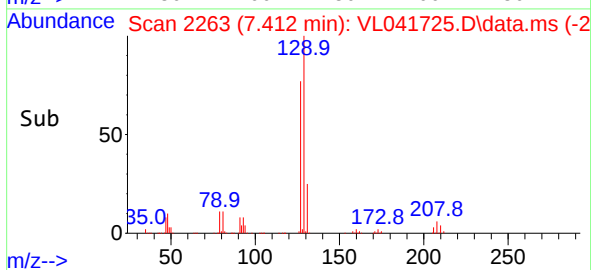
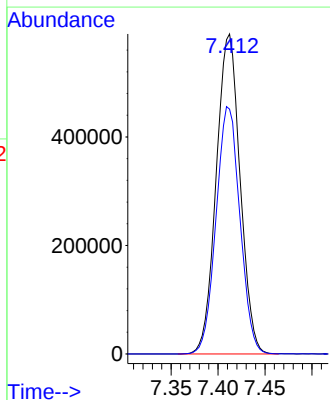
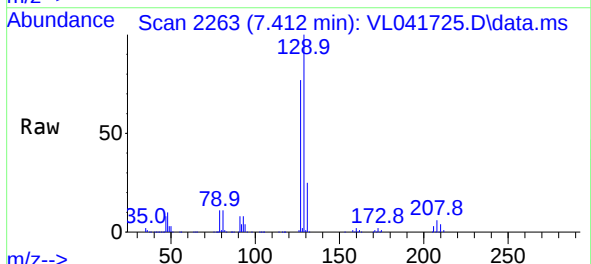
APPROVED

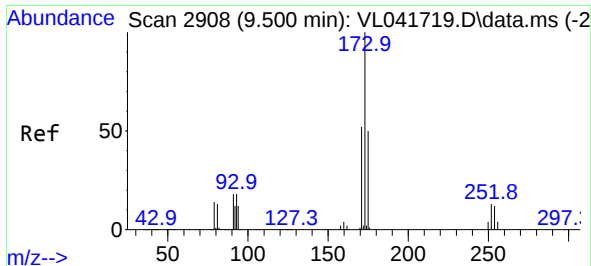
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#48
Dibromochloromethane
Concen: 16.286 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion:129 Resp: 1042907
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7





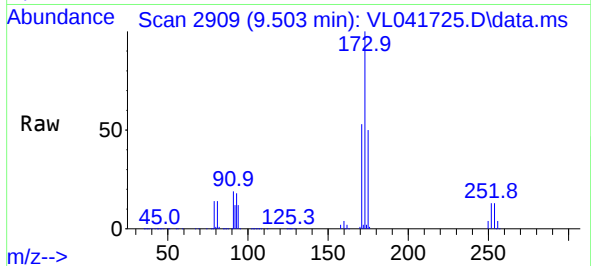
#49
Bromoform
Concen: 17.201 ppbv
RT: 9.503 min Scan# 2908
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

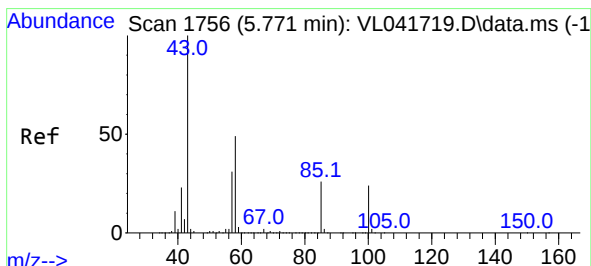
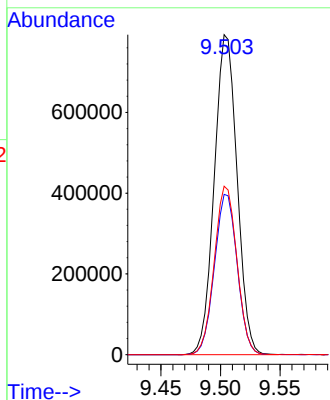
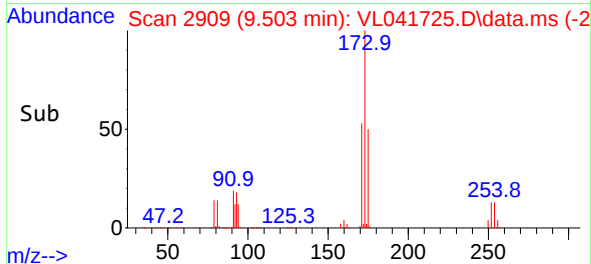


Tgt Ion:173 Resp: 1053854
Ion Ratio Lower Upper
173 100
175 50.1 39.5 59.3
171 52.4 41.4 62.0

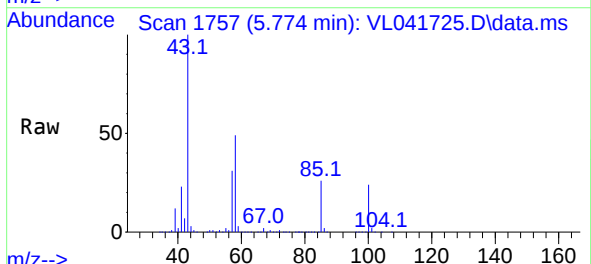
Manual Integrations

APPROVED

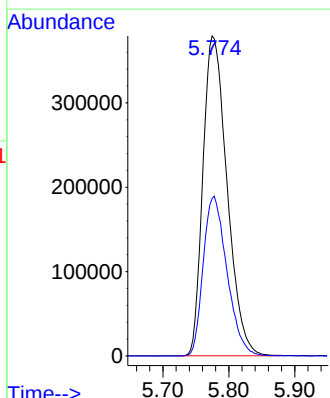
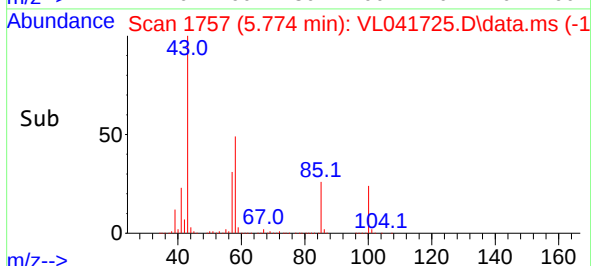
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

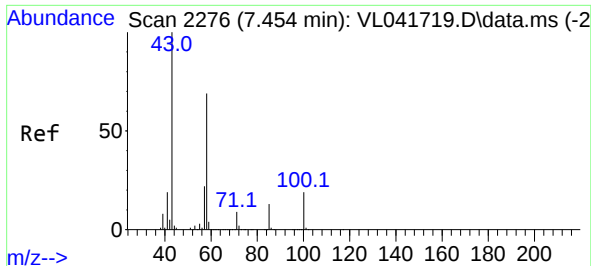


#50
4-Methyl-2-Pentanone
Concen: 14.413 ppbv
RT: 5.774 min Scan# 1757
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



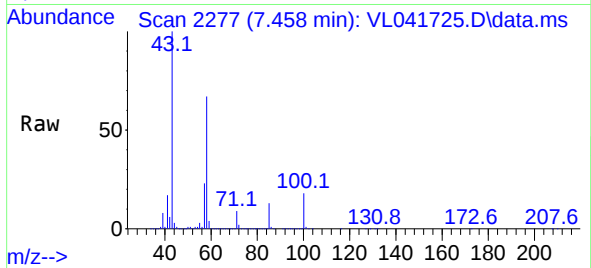
Tgt Ion: 43 Resp: 964314
Ion Ratio Lower Upper
43 100
58 49.2 38.9 58.3





#51
2-Hexanone
Concen: 13.928 ppbv
RT: 7.458 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

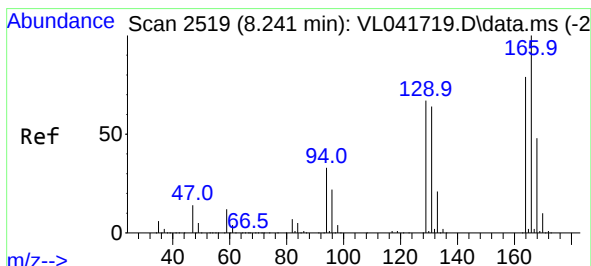
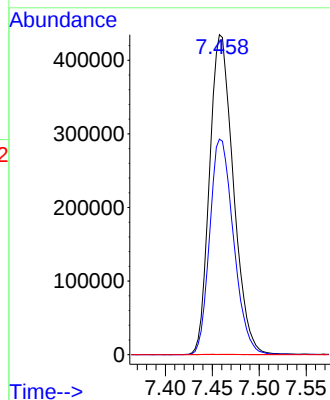
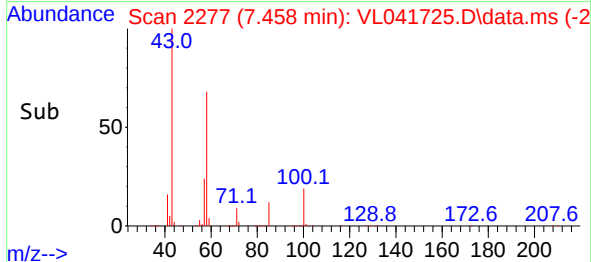
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 43 Resp: 76641
Ion Ratio Lower Upper
43 100
58 67.7 54.2 81.4
98 0.2 0.2 0.2

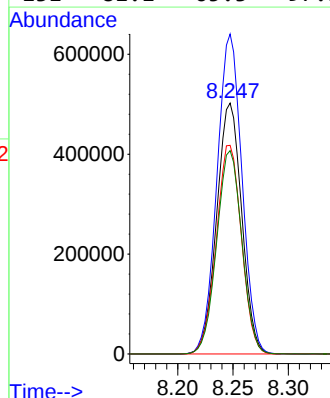
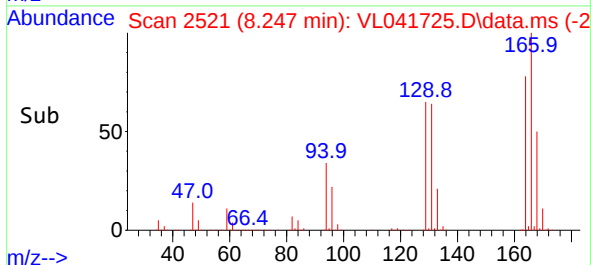
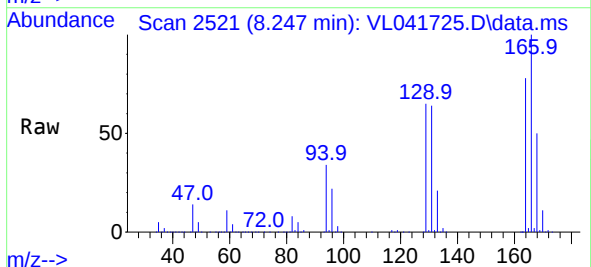
Manual Integrations
APPROVED

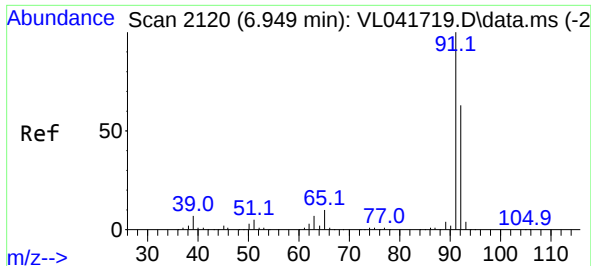
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 14.248 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion:164 Resp: 790697
Ion Ratio Lower Upper
164 100
166 127.5 101.4 152.0
129 83.1 67.6 101.4
131 81.1 65.3 97.9





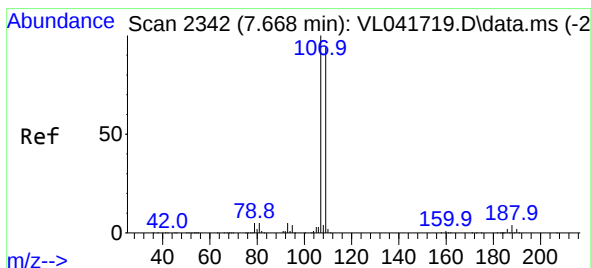
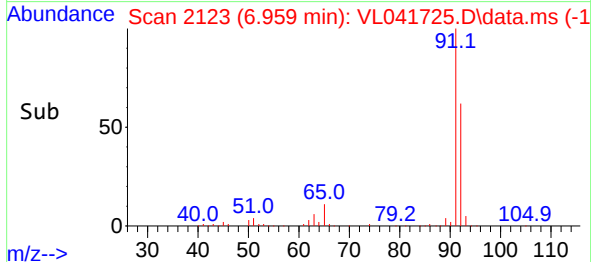
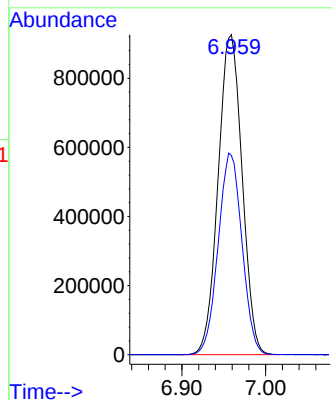
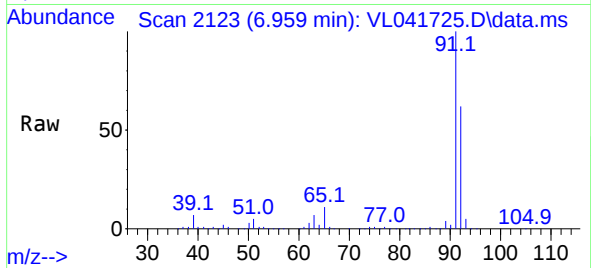
#53
Toluene
Concen: 14.307 ppbv
RT: 6.959 min Scan# 2120
Delta R.T. 0.010 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 184160
Ion Ratio Lower Upper
91 100
92 62.5 49.7 74.5

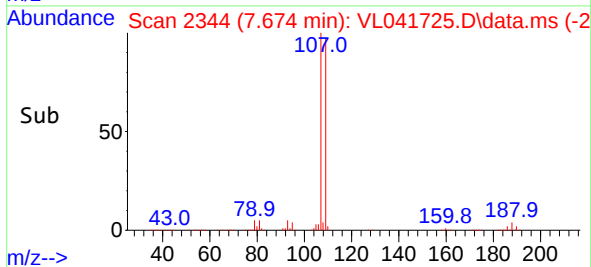
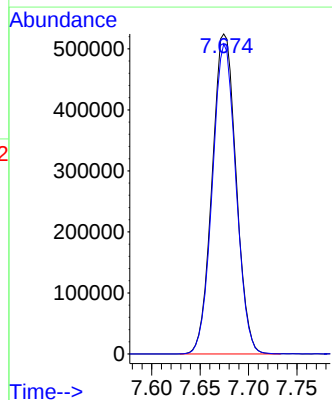
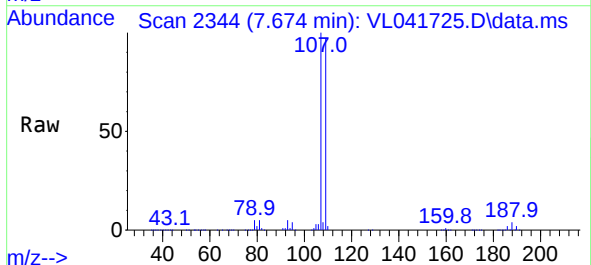
Manual Integrations
APPROVED

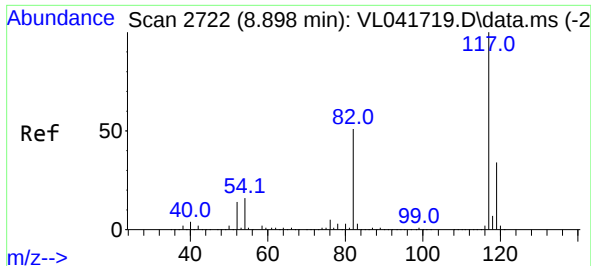
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#54
1,2-Dibromoethane
Concen: 14.873 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

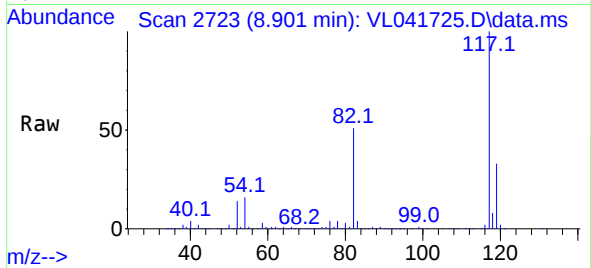
Tgt Ion:107 Resp: 903522
Ion Ratio Lower Upper
107 100
109 96.9 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

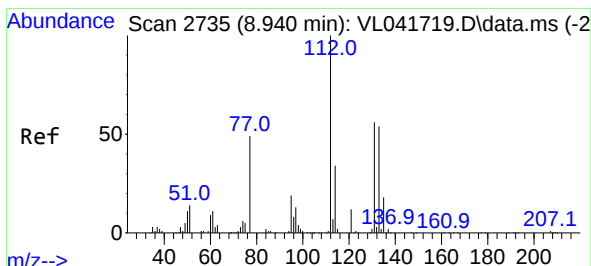
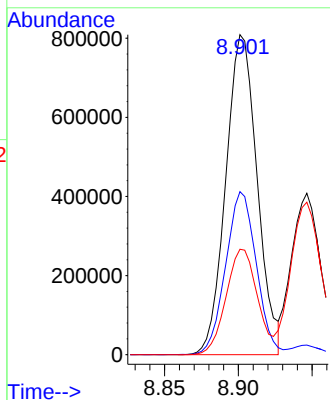
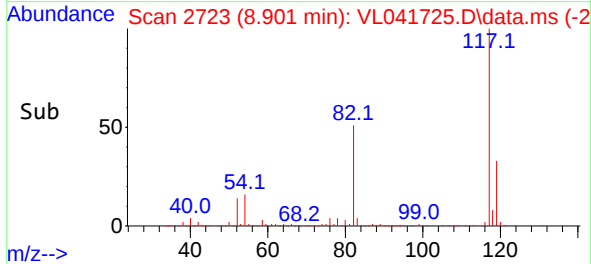
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:117 Resp: 1199960
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 33.9 25.8 38.8

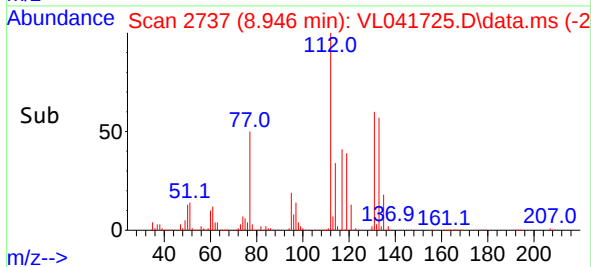
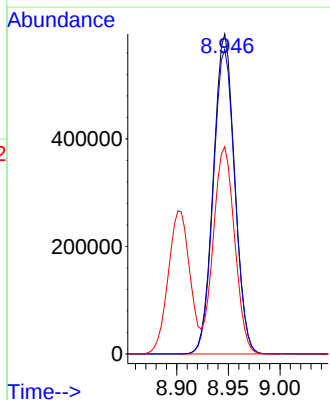
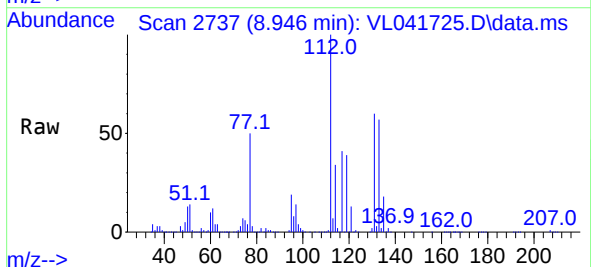
Manual Integrations
APPROVED

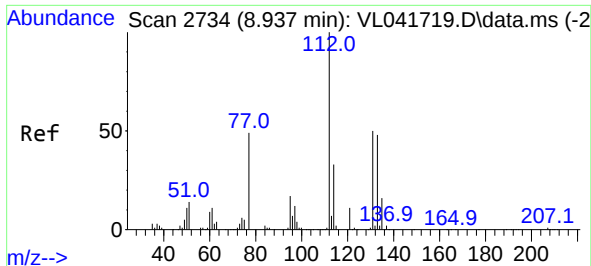
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 15.331 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

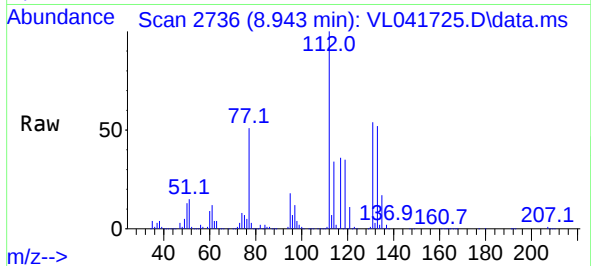
Tgt Ion:131 Resp: 855322
Ion Ratio Lower Upper
131 100
133 96.2 76.9 115.3
119 63.1 52.6 78.8





#57
Chlorobenzene
Concen: 14.174 ppbv
RT: 8.943 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

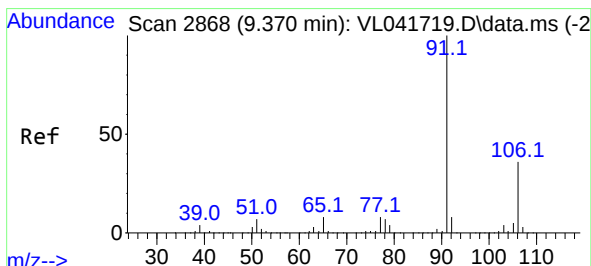
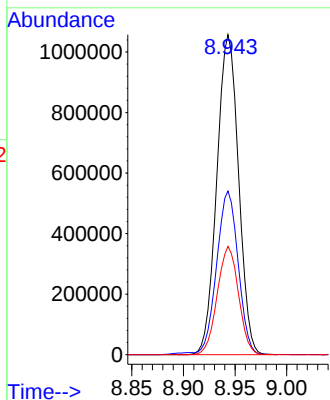
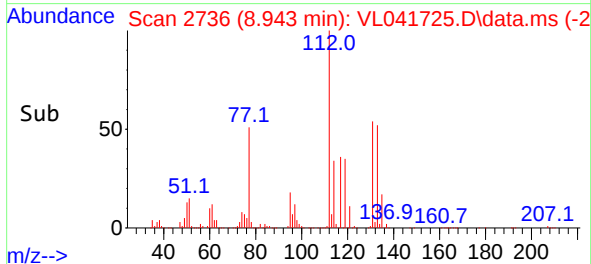
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015



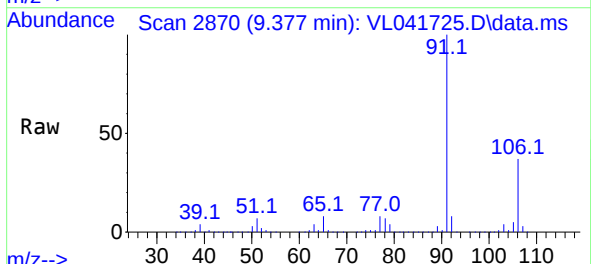
Tgt Ion:112 Resp: 1547650
Ion Ratio Lower Upper
112 100
77 51.1 40.1 60.1
114 33.8 30.2 36.9

Manual Integrations
APPROVED

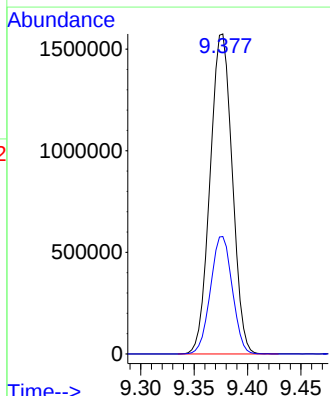
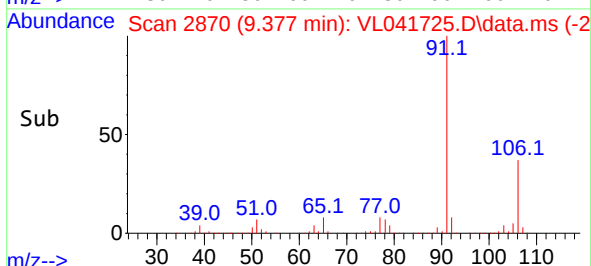
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

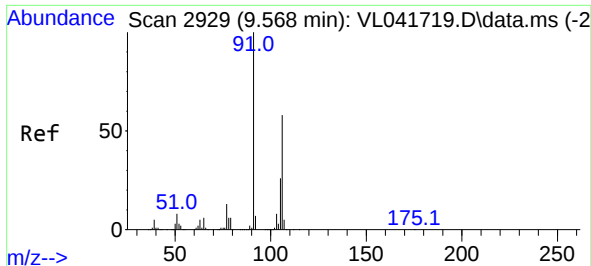


#58
Ethyl Benzene
Concen: 14.138 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 91 Resp: 2270364
Ion Ratio Lower Upper
91 100
106 36.7 28.6 43.0





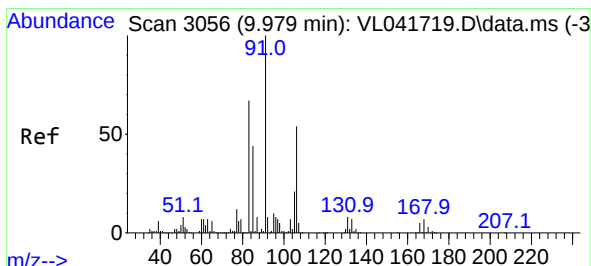
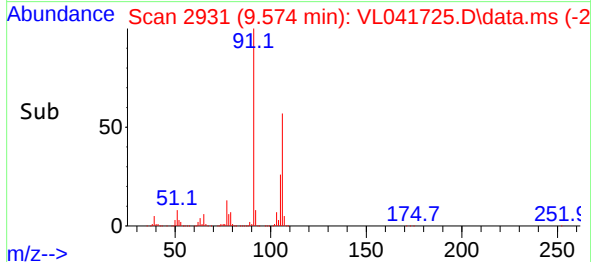
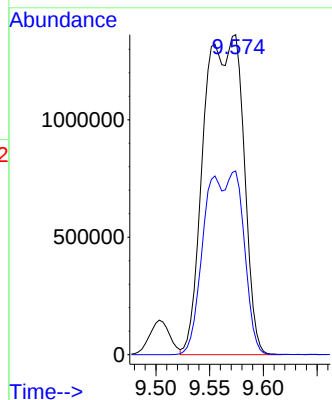
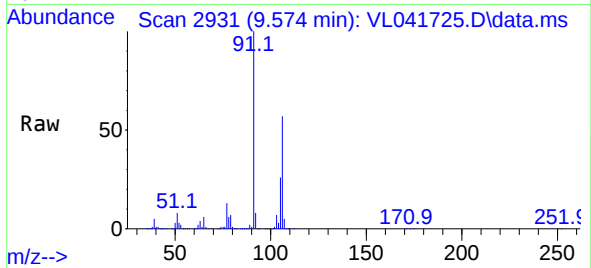
#59
m/p-Xylene
Concen: 28.333 ppbv m
RT: 9.574 min Scan# 2929
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3485693
Ion Ratio Lower Upper
91 100
106 56.9 45.1 67.7

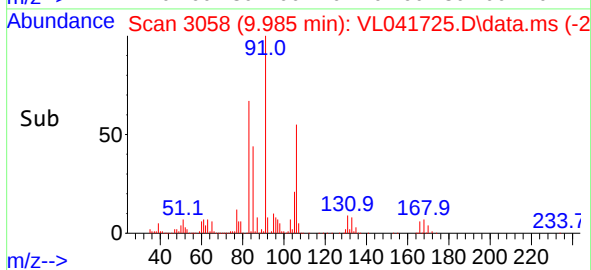
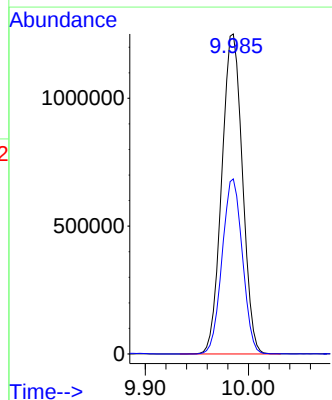
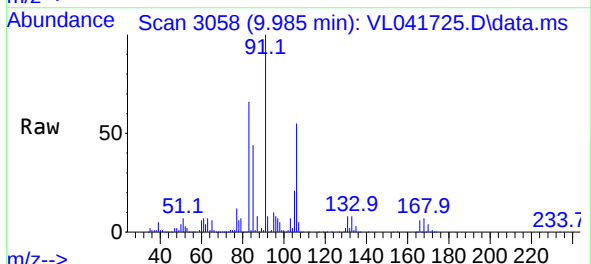
Manual Integrations
APPROVED

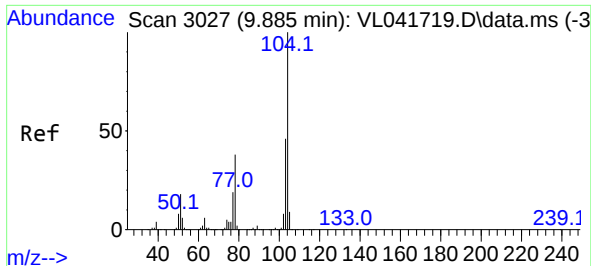
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#60
o-Xylene
Concen: 14.284 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 91 Resp: 1742693
Ion Ratio Lower Upper
91 100
106 53.7 26.8 80.4





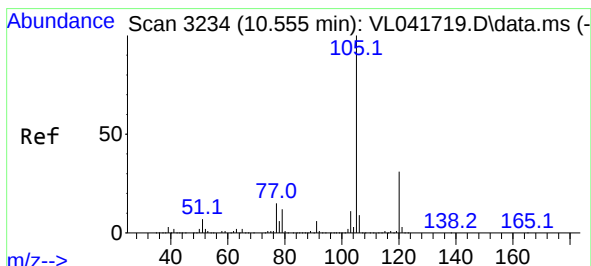
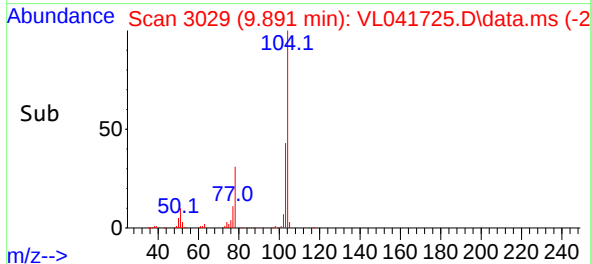
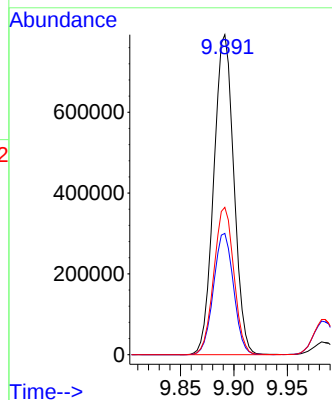
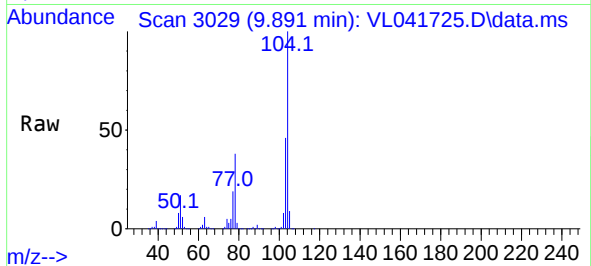
#61
Styrene
Concen: 15.383 ppbv
RT: 9.891 min Scan# 3027
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:104 Resp: 103594
Ion Ratio Lower Upper
104 100
78 37.9 30.2 45.4
103 45.9 36.7 55.1

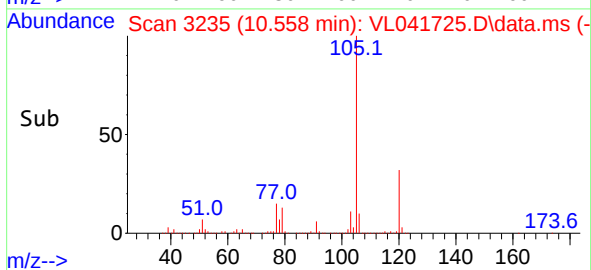
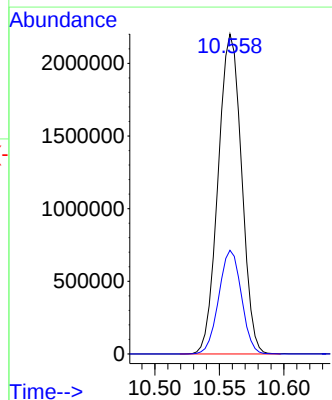
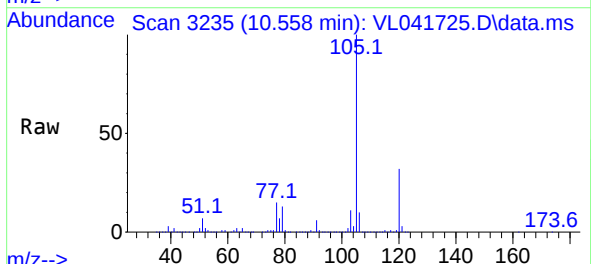
Manual Integrations
APPROVED

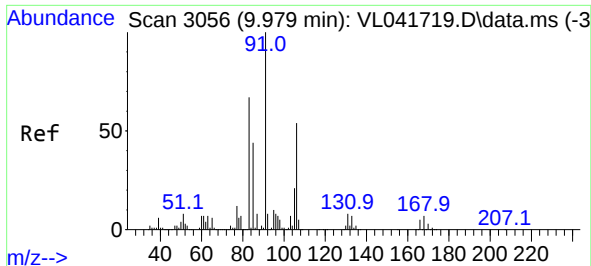
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#62
Isopropylbenzene
Concen: 13.793 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

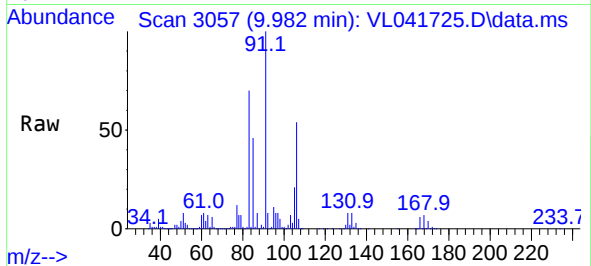
Tgt Ion:105 Resp: 2776128
Ion Ratio Lower Upper
105 100
120 31.3 24.3 36.5





#63
1,1,2,2-Tetrachloroethane
Concen: 14.274 ppbv
RT: 9.982 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

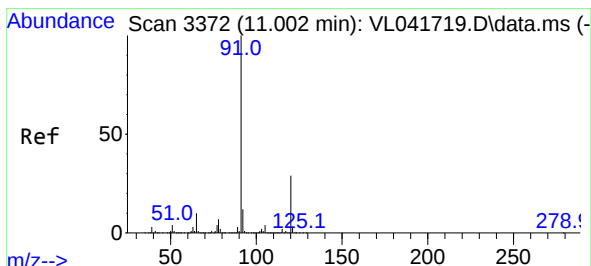
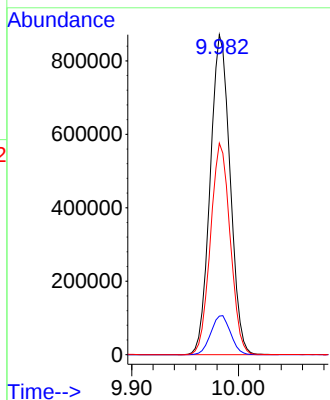
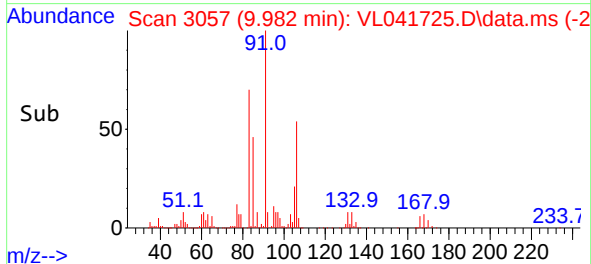
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



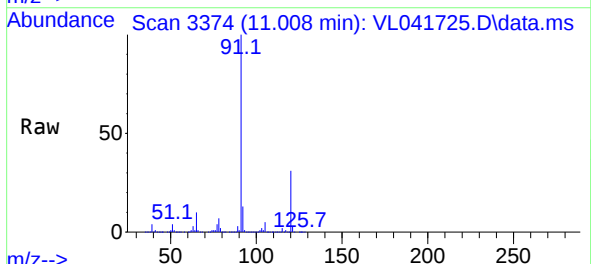
Tgt Ion: 83 Resp: 1126779
Ion Ratio Lower Upper
83 100
131 12.1 5.9 17.6
85 65.6 32.8 98.4

Manual Integrations
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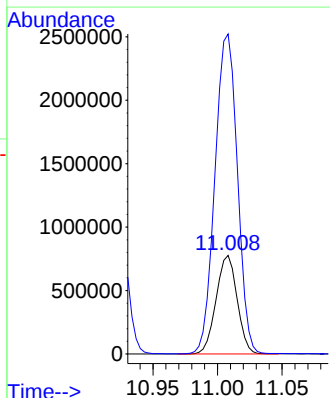
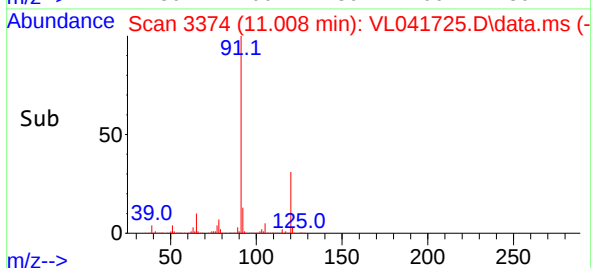
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

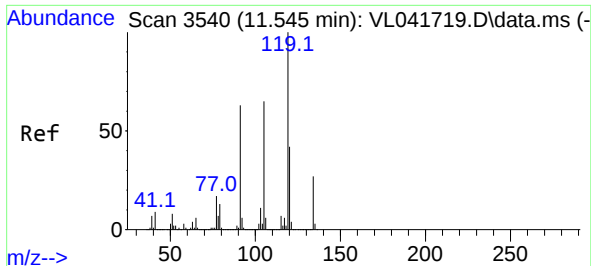


#64
n-propylbenzene
Concen: 14.826 ppbv
RT: 11.008 min Scan# 3374
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



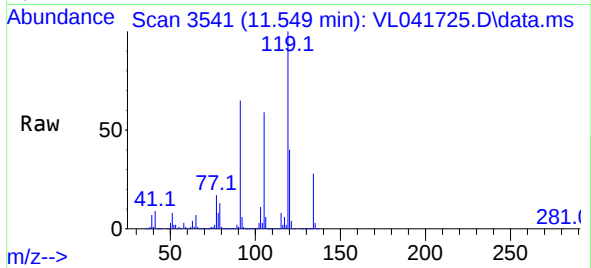
Tgt Ion:120 Resp: 878575
Ion Ratio Lower Upper
120 100
91 347.2 290.8 436.2





#65
tert-Butylbenzene
Concen: 14.002 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

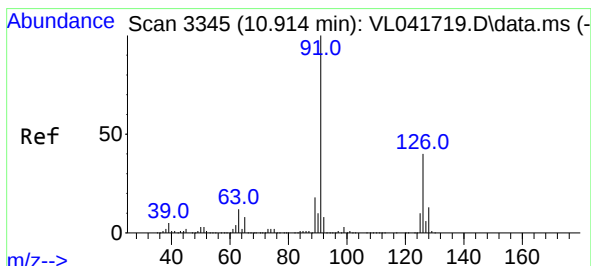
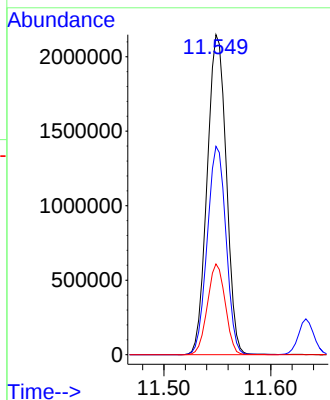
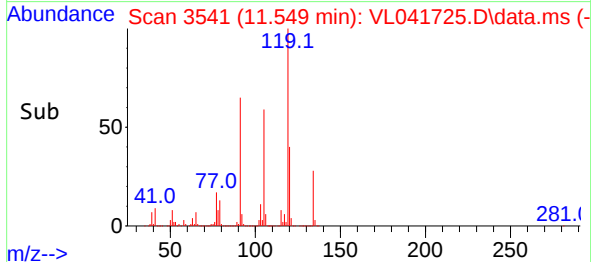
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



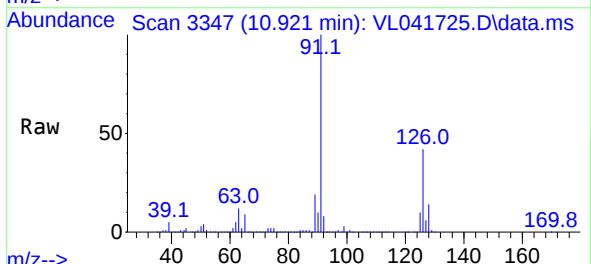
Tgt Ion:119 Resp: 2671424
Ion Ratio Lower Upper
119 100
91 63.9 50.2 75.4
134 26.4 20.4 30.6

Manual Integrations
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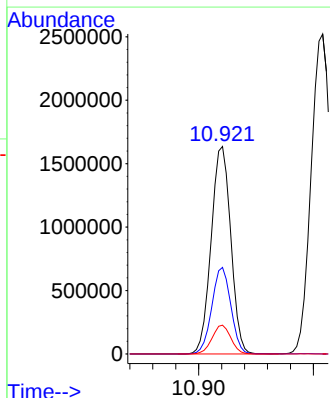
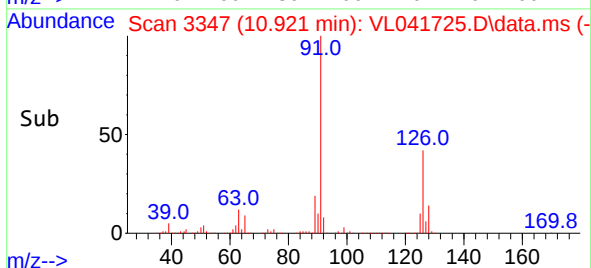
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

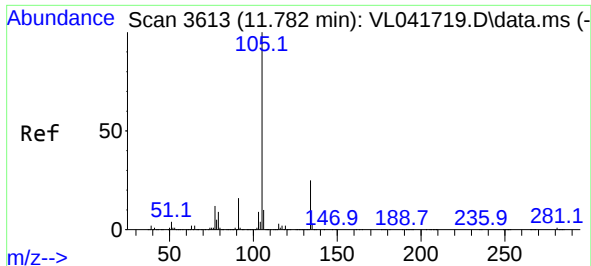


#66
Benzyl Chloride
Concen: 14.202 ppbv
RT: 10.921 min Scan# 3347
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



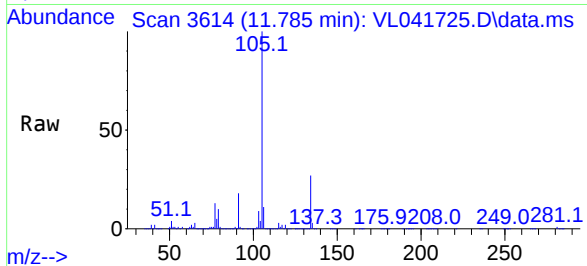
Tgt Ion: 91 Resp: 1943095
Ion Ratio Lower Upper
91 100
126 40.4 31.8 47.8
128 13.3 10.3 15.5





#67
sec-Butylbenzene
Concen: 13.524 ppbv
RT: 11.785 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

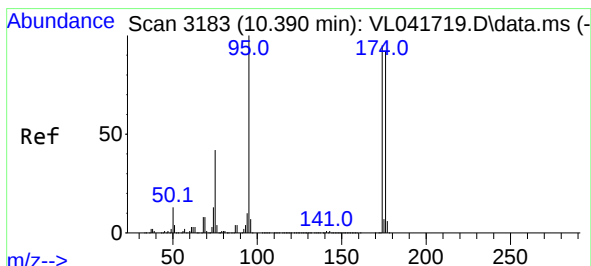
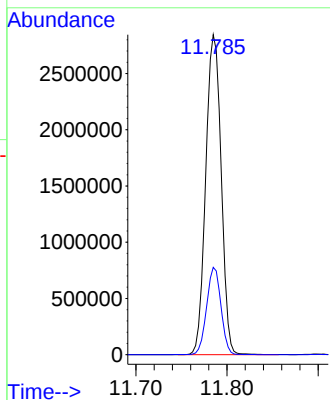
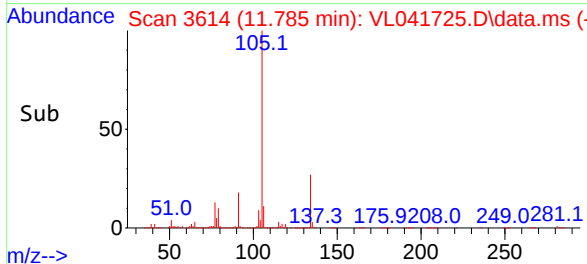
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



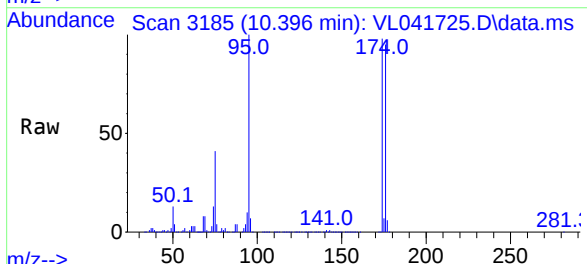
Tgt Ion:105 Resp: 333989
Ion Ratio Lower Upper
105 100
134 25.4 19.3 28.9

Manual Integrations
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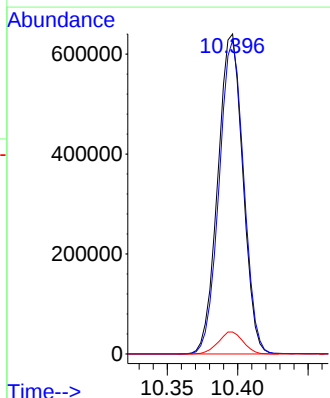
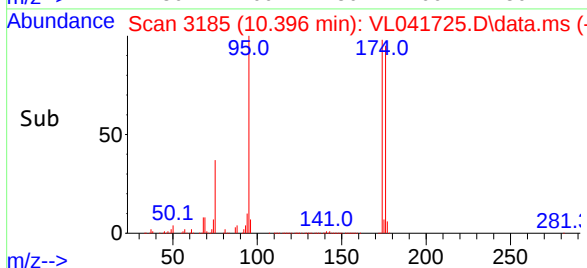
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

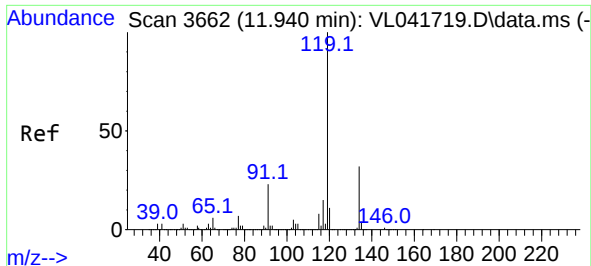


#68
1-Bromo-4-Fluorobenzene
Concen: 10.054 ppbv
RT: 10.396 min Scan# 3185
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



Tgt Ion: 95 Resp: 793087
Ion Ratio Lower Upper
95 100
174 96.2 76.7 115.1
175 6.8 5.4 8.2





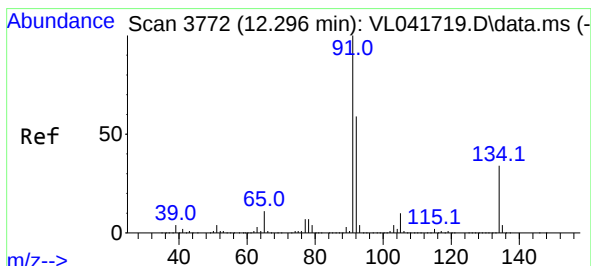
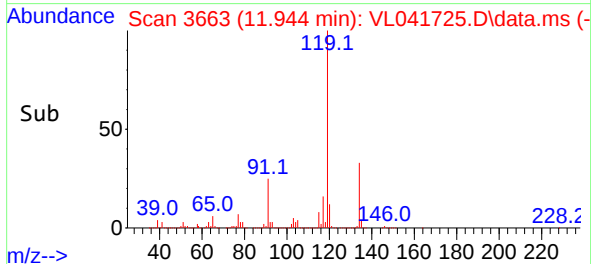
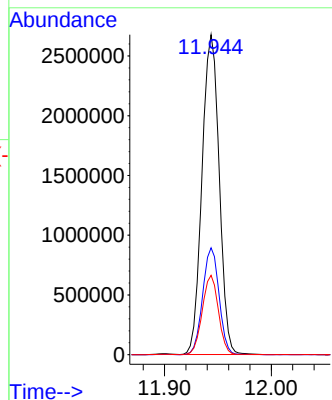
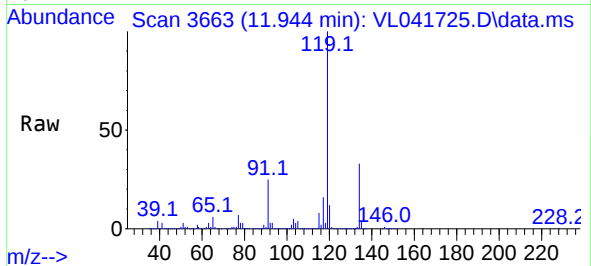
#69
p-Isopropyltoluene
Concen: 14.051 ppbv
RT: 11.944 min Scan# 3663
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 119 Resp: 299296
Ion Ratio Lower Upper
119 100
134 31.9 24.6 36.8
91 23.4 17.8 26.8

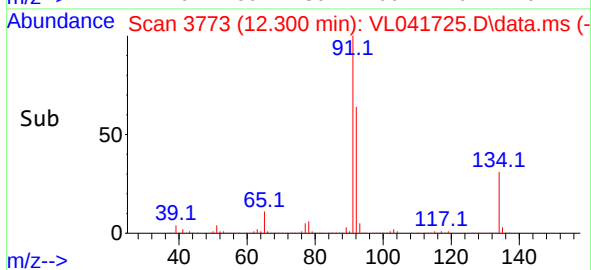
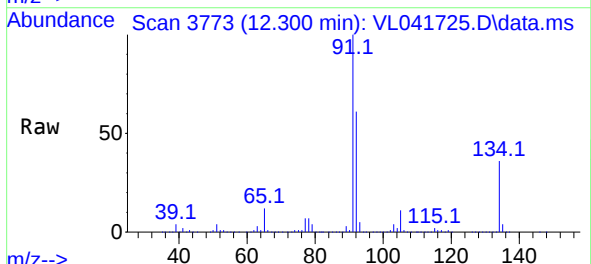
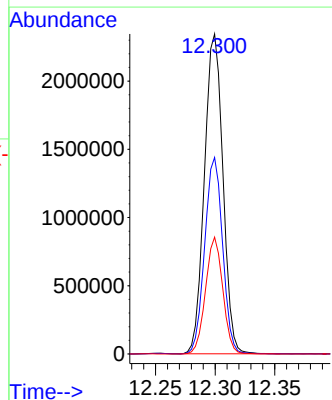
Manual Integrations
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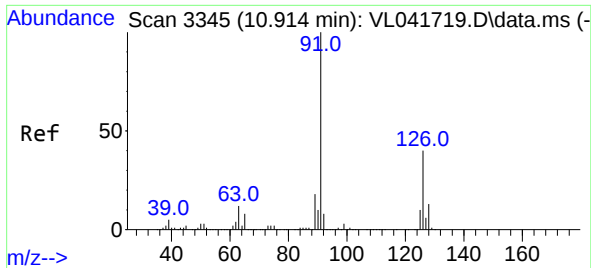
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#70
n-Butylbenzene
Concen: 14.388 ppbv
RT: 12.300 min Scan# 3773
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion: 91 Resp: 2543438
Ion Ratio Lower Upper
91 100
92 59.8 46.7 70.1
134 34.0 26.2 39.4





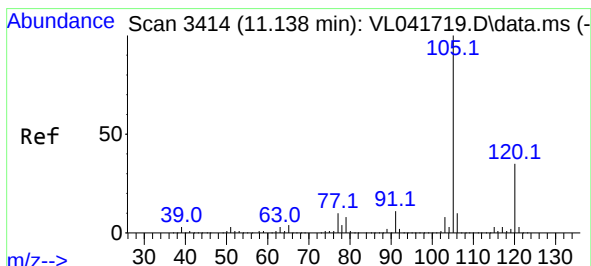
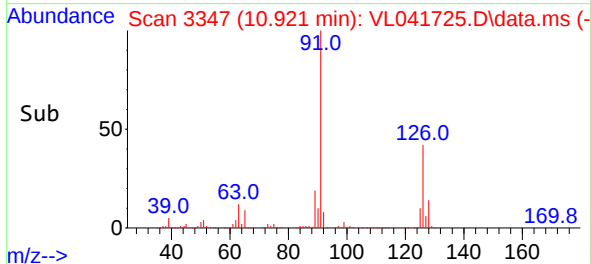
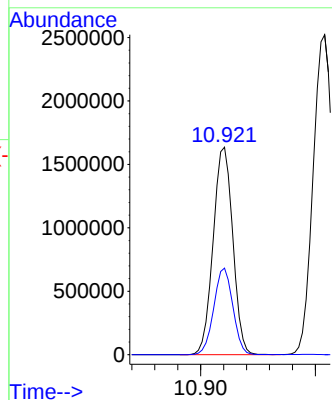
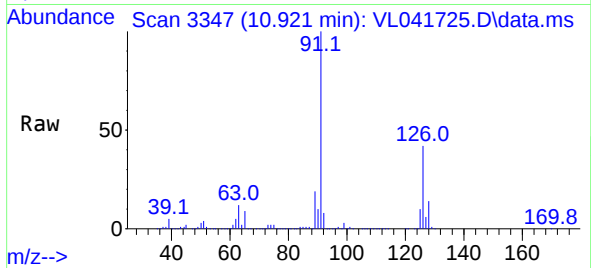
#71
2-Chlorotoluene
Concen: 14.202 ppbv
RT: 10.921 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 194309
Ion Ratio Lower Upper
91 100
126 40.4 15.9 63.7

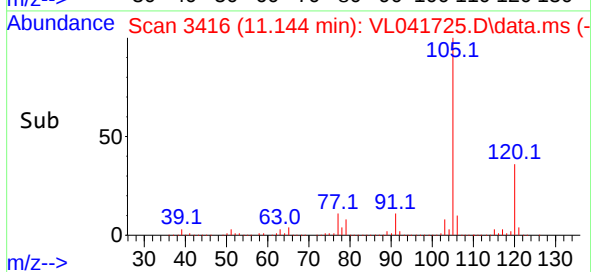
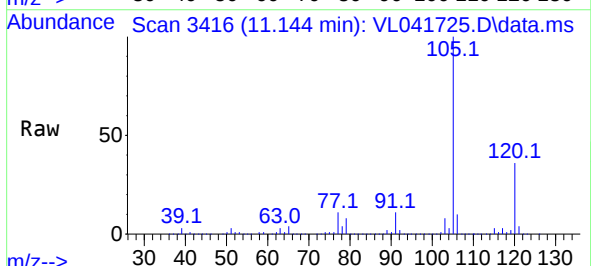
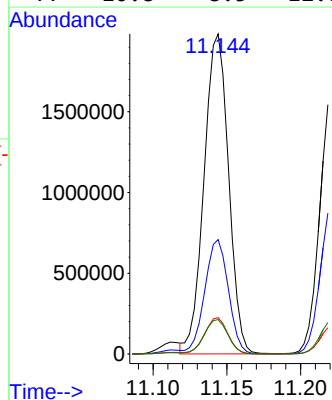
Manual Integrations
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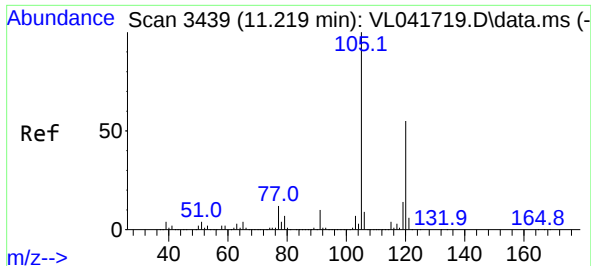
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 14.555 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Tgt Ion:105 Resp: 2292986
Ion Ratio Lower Upper
105 100
120 35.6 28.0 42.0
91 11.2 8.8 13.2
77 10.8 8.5 12.7





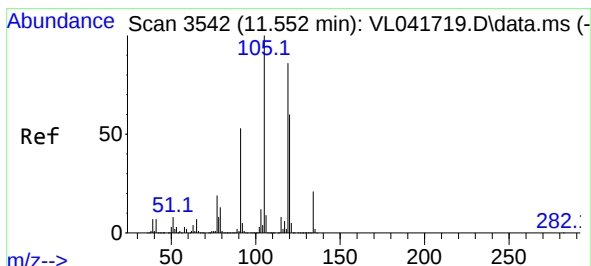
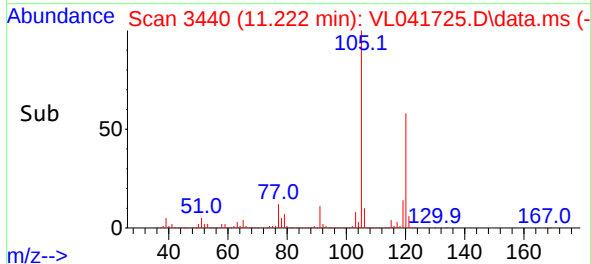
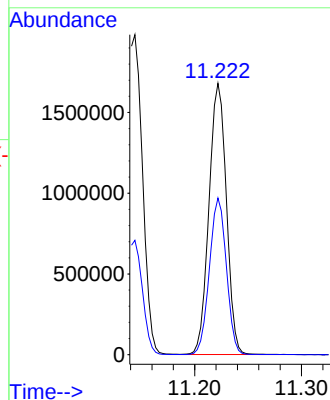
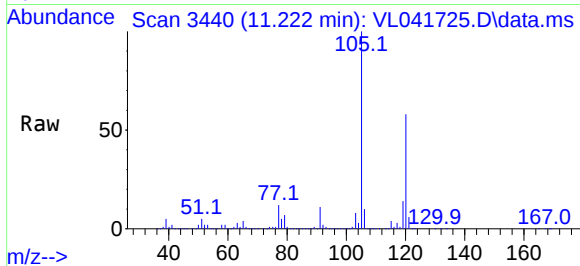
#73
1,3,5-Trimethylbenzene
Concen: 14.930 ppbv
RT: 11.222 min Scan# 3439
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 1902799
Ion Ratio Lower Upper
105 100
120 57.7 43.6 65.4

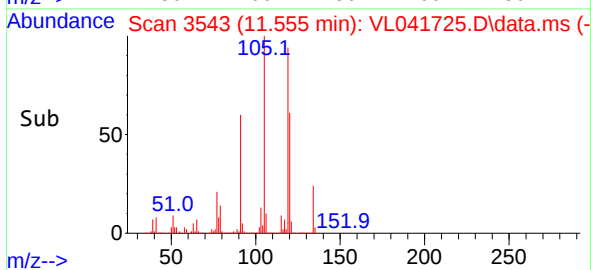
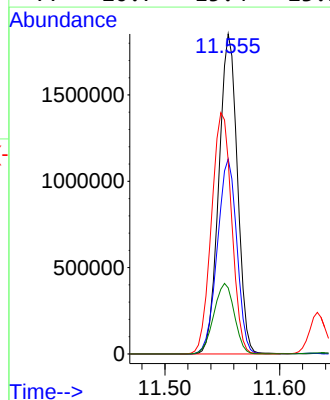
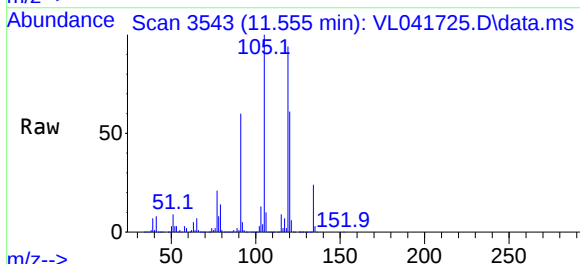
Manual Integrations
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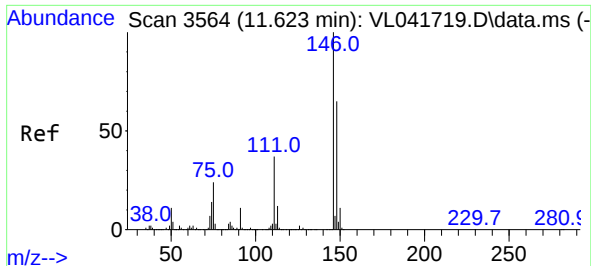
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#74
1,2,4-Trimethylbenzene
Concen: 14.978 ppbv
RT: 11.555 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

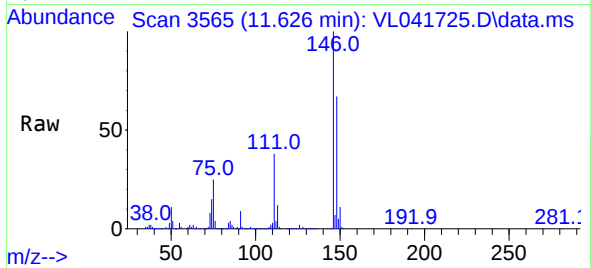
Tgt Ion:105 Resp: 2075220
Ion Ratio Lower Upper
105 100
120 60.9 47.8 71.6
91 60.4 42.5 63.7
77 20.7 15.4 23.2





#75
1,3-Dichlorobenzene
Concen: 14.449 ppbv
RT: 11.626 min Scan# 3564
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

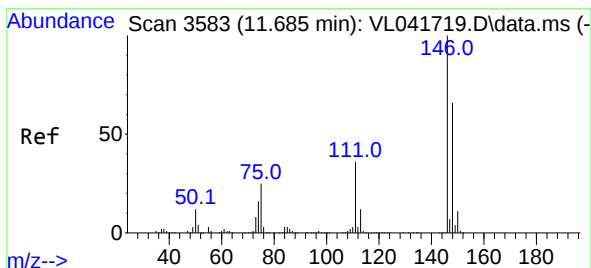
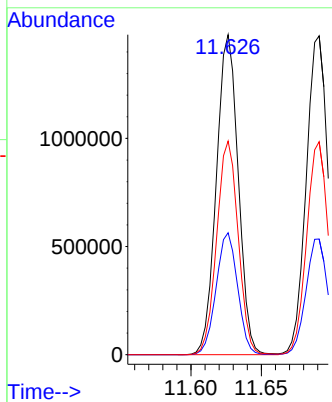
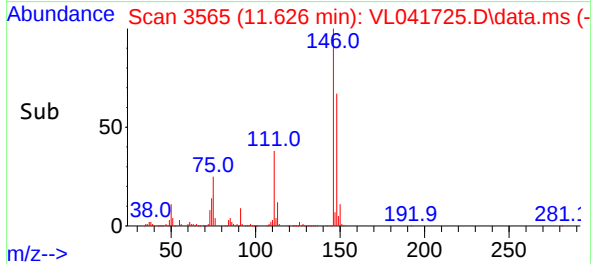
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



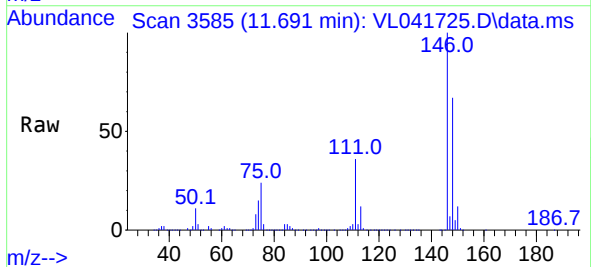
Tgt Ion:146 Resp: 1599840
Ion Ratio Lower Upper
146 100
111 37.4 18.4 55.2
148 65.7 32.4 97.2

Manual Integrations
APPROVED

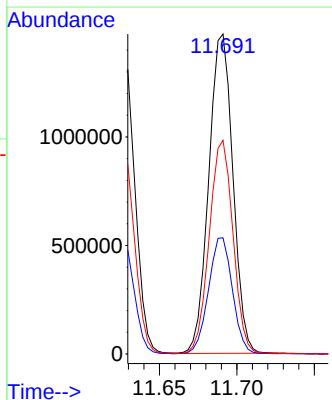
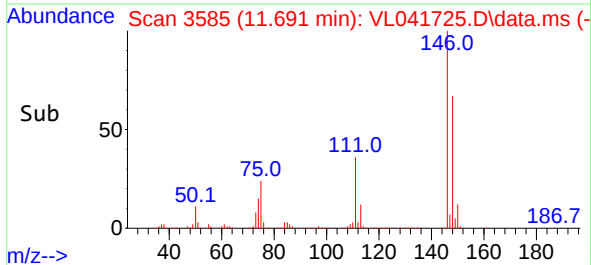
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

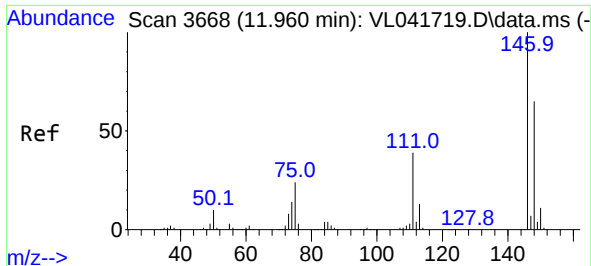


#76
1,4-Dichlorobenzene
Concen: 14.558 ppbv
RT: 11.691 min Scan# 3585
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



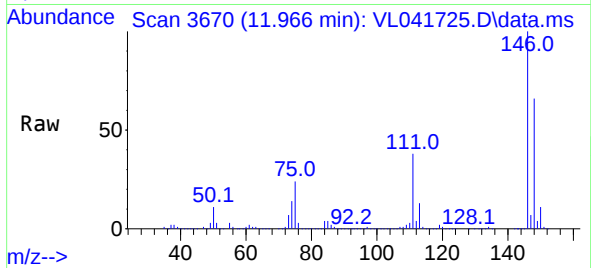
Tgt Ion:146 Resp: 1592044
Ion Ratio Lower Upper
146 100
111 36.5 17.8 53.4
148 66.2 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 14.446 ppbv
RT: 11.966 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

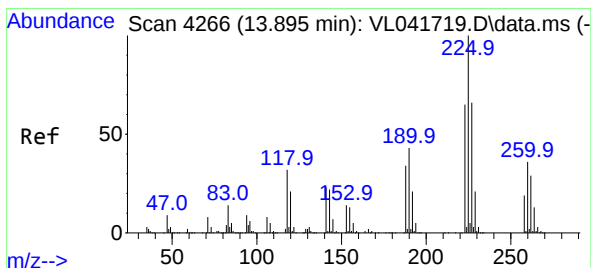
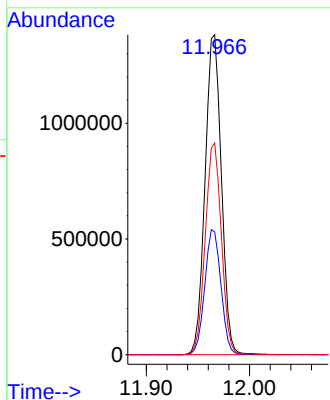
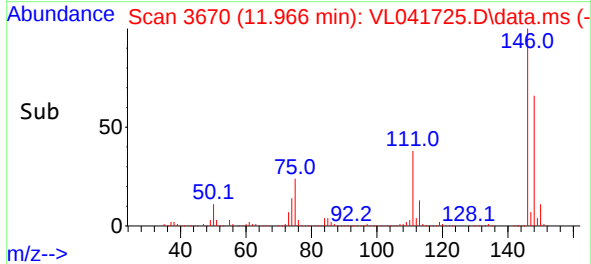
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



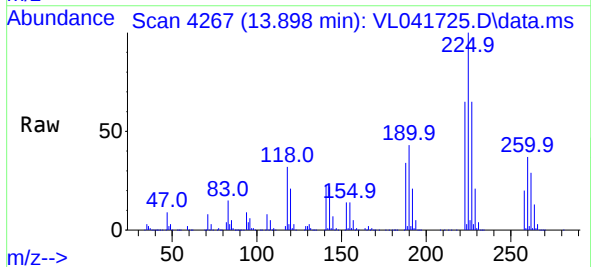
Tgt Ion:146 Resp: 151458
Ion Ratio Lower Upper
146 100
111 38.9 19.2 57.6
148 65.5 32.4 97.2

Manual Integrations
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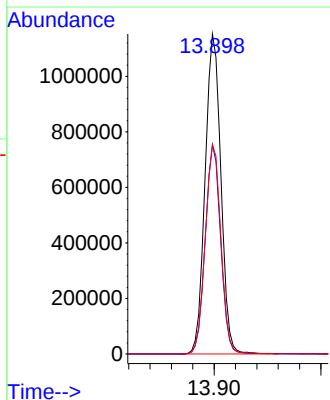
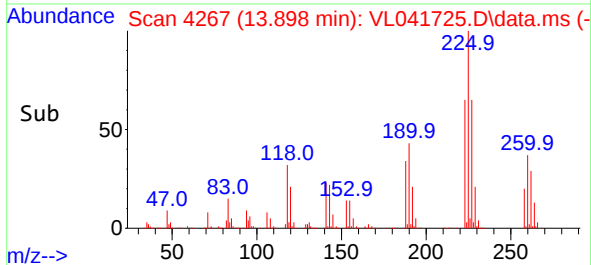
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

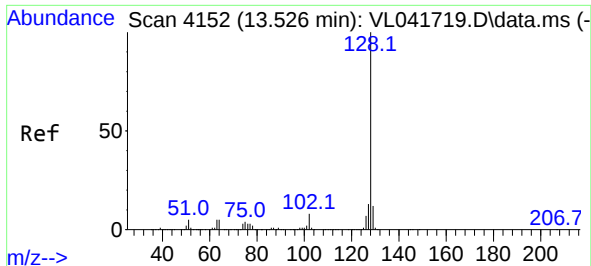


#78
Hexachloro-1,3-Butadiene
Concen: 13.719 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



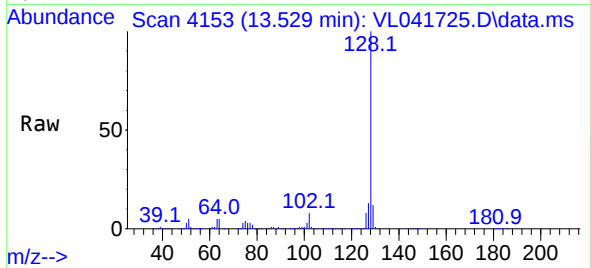
Tgt Ion:225 Resp: 1182302
Ion Ratio Lower Upper
225 100
223 64.2 51.1 76.7
227 65.2 51.8 77.6





#79
Naphthalene
Concen: 16.200 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

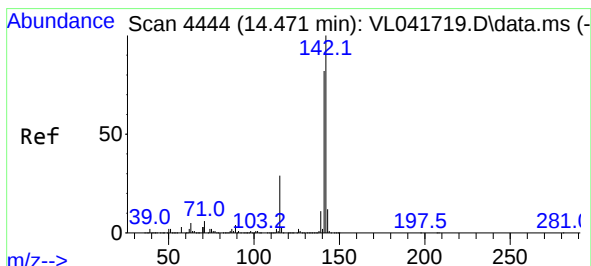
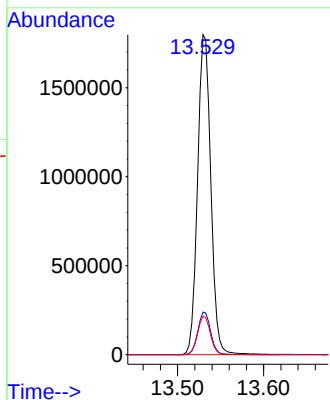
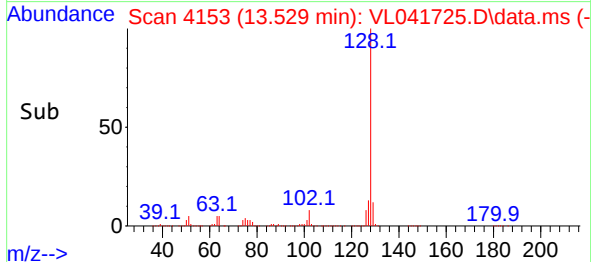
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



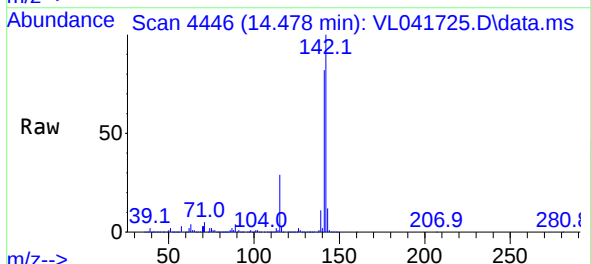
Tgt Ion:128 Resp: 1921154
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 12.0 9.4 14.0

Manual Integrations
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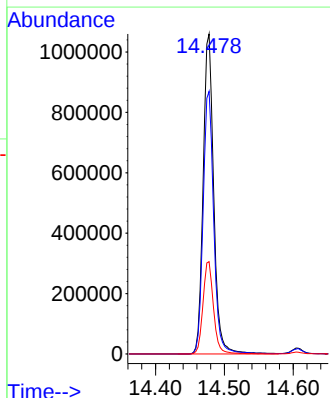
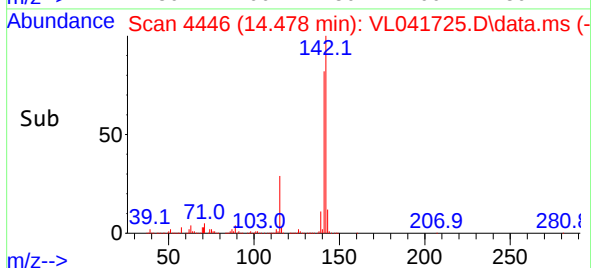
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

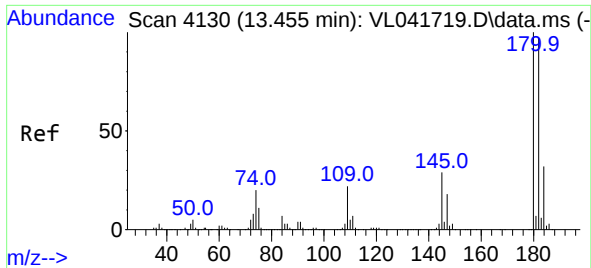


#80
Naphthalene,2-methyl-
Concen: 26.231 ppbv
RT: 14.478 min Scan# 4446
Delta R.T. 0.006 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21



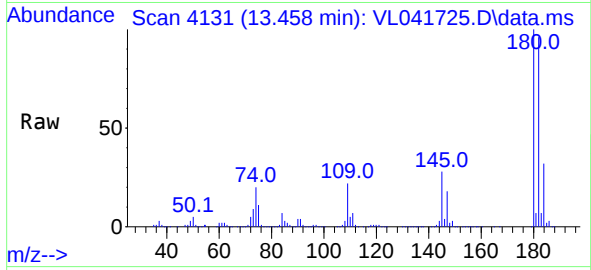
Tgt Ion:142 Resp: 1125481
Ion Ratio Lower Upper
142 100
141 82.7 66.0 99.0
115 29.0 22.8 34.2





#81
1,2,4-Trichlorobenzene
Concen: 15.681 ppbv
RT: 13.458 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041725.D
Acq: 11 Dec 2024 17:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:180 Resp: 1170914
Ion Ratio Lower Upper
180 100
182 96.4 77.2 115.8
184 32.0 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

